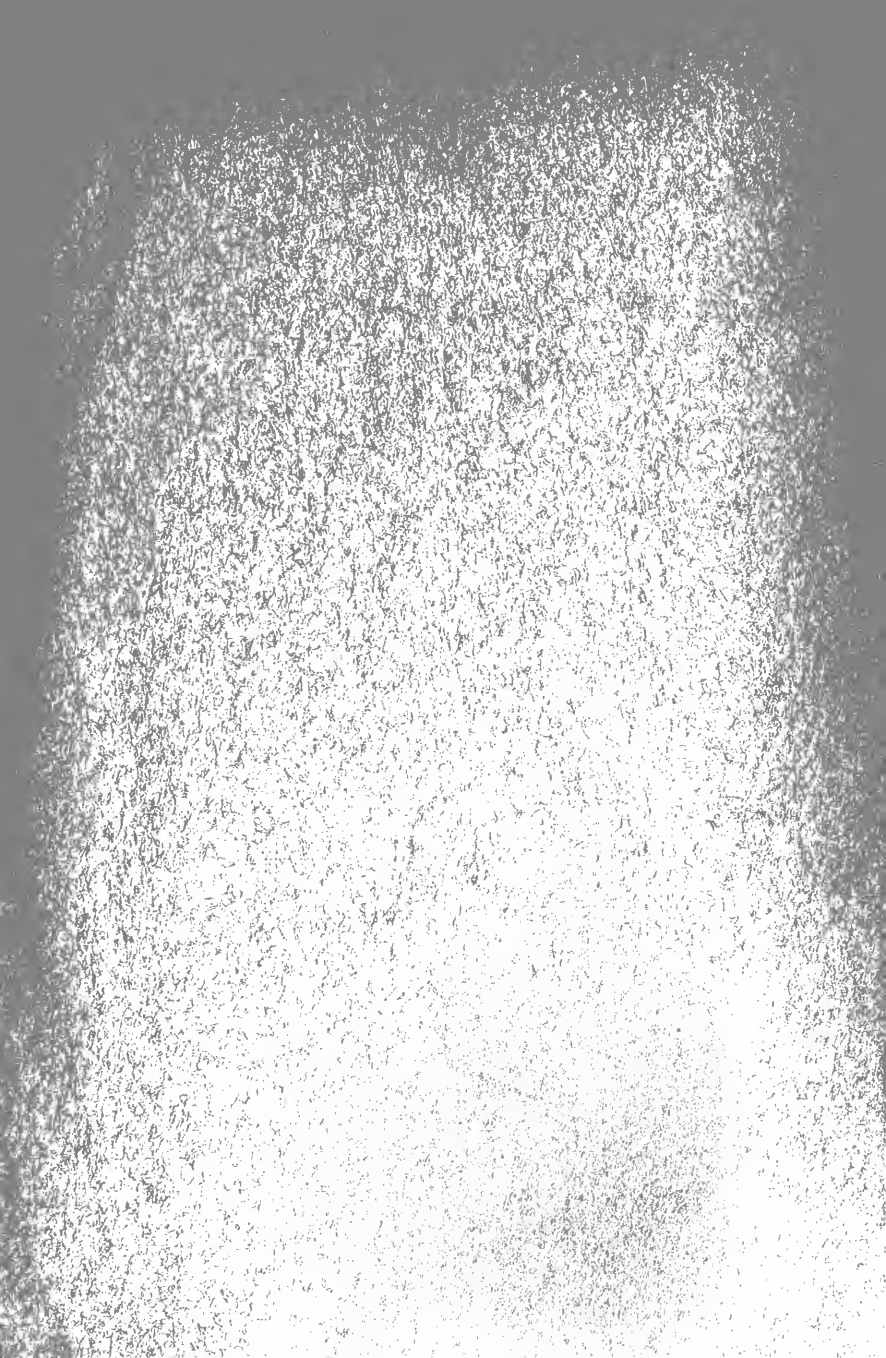




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# PACIFIC

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# CONSTRUCTOR

CONSOLIDATED WITH

Building and Engineering News

## IN THIS ISSUE



\$7,704,000 Granted  
California For Highways



*Comptroller Bars Preference In Tie  
Bid Awards*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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JOB  
IN  
WESTERN CONSTRUCTION**

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# PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

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SAM B. EUBANKS, Editor

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Vol. XIX

SAN FRANCISCO, CALIF., JANUARY 2, 1937

No. 54

## Comptroller Holds Tie Bids Must Be Decided By Lot; Bars Reclamation Bureau Procedure

Tie bids must be awarded by drawing lots, the comptroller general has advised Secretary of the Interior Harold Ickes. He directs that this procedure be followed in the future by the U. S. Bureau of Reclamation, where it has been recently the policy to award the contract to the bidder whose shipping point is farthest from the destination in the case of identical proposals.

Bidders in the vicinity have protested to the comptroller general that this policy deprived them of all business from the bureau.

If there is suspected a collusion among bidders or a violation of anti-trust laws there are statutes under which the government may proceed, but the awarding agency may not penalize bidders at its own discretion, the comptroller's opinion holds.

Following is the text of his opinion to the Secretary of the Interior:

"Consideration has been given to your report of Oct. 31 and Nov. 21, 1936, concerning a complaint of the Rocky Mountain Architects and Builders Service, Denver, Colo. and subsequent complaint of the Colorado Fuel and Iron Corporation, of the same city, against the procedure followed by the Denver office of the bureau of reclamation in making awards of contracts where the bids are equal in amount and there is no other determining consideration in the matter. It appears from your report that the practice has been followed of awarding the contract in such cases to bidders farthest removed from the site, and the Denver concerns have complained with respect thereto that such procedure operated to deprive them of any of the contracts.

"While there has been noted your statement that, due to the 'persistent failure and refusal of bidders to submit bids on a competitive basis', there had been adopted the procedure of awarding the contract to that bidder farthest removed from the point where the material was required f.o.b. Government destination, section 3709, Revised Statutes, requires contracts to be awarded to the lowest responsible bidder, and if there be received bids, all in identical amounts and no particular advantage to the United States in selecting any one of the bids, there should be followed the procedure

## THREE CONTRACTS ON MARKET FOR AIR CORPS DEPOT

\$7,000,000 Construction Fund  
To Be Obligated  
In 1937

Three contracts for construction on the Army Air Corps Supply Depot at Sacramento are on the market, preliminary to early advertising of work for which \$7,000,000 has been appropriated. Major A. W. Parker, constructing quartermaster, is releasing contracts as rapidly as specifications are delivered to him from headquarters of the quartermaster general in Washington, D. C.

It is understood the Army intends to obligate virtually the entire appropriation this year, dividing it in about forty-five contracts. Two major buildings, the engineering shops and the supply warehouse, must be started at an early date in order to complete them within the period allotted for constructing the depot.

Contracts now advertised are the field grading, involving moving about 930,000 cubic yards of material, for bids January 15; 10,943 feet of railroad to be laid, bids January 19; elevated steel tanks of 300,000-gallon capacity, bids January 20.

Contract for drilling two wells has been awarded to Fred H. Eaton, Woodland. A contract has been let also to J. H. Baxter Co., San Francisco, at \$6,993 for furnishing railroad ties. Bids have been received for the first buildings, the quartermaster's warehouse, maintenance building and garage, and an award to Meyer Construction

(Continued on Page 4)

## STATE GRANTED \$7,704,000 FOR HIGHWAY WORK

1937 Construction Appropriation  
From Government  
Apportioned

California will receive \$7,704,520 in Federal grants for highway construction during the fiscal year starting July 1, 1937, from the apportionment of the appropriation authorized by the last Congress. Allocation of funds to the states was announced yesterday by Secretary of Agriculture Henry A. Wallace.

The allotment to California is divided as follows: Regular Federal-aid, \$4,858,200; Secondary or feeder roads, \$971,644; Grade crossing elimination, \$1,874,656. The same appropriation has been authorized for the 1938-39 fiscal year.

Funds for regular Federal-aid routes already have been budgeted in the State Highway Commission's program for the 1937-39 biennium. They are included in the total of approximately \$26,000,000 set aside for new construction. The allotments for feeder roads and grade separations will not be programmed until Federal regulations to govern their expenditure are received from the Secretary of Agriculture.

The allotment to the state of Nevada is \$2,769,063. It is distributed as follows: Regular Federal-aid, \$1,632,385; Secondary roads, \$326,477; Grade separations \$250,000.

Arizona was allotted a total of \$2,510,536, and Oregon, \$3,099,219.

## ILLNESS FATAL TO ALFRED T. HOWE

Alfred T. Howe, general contractor of Santa Rosa, died in a Berkeley hospital Tuesday, having been ill for about two months. Mr. Howe was at his construction camp on a state highway job in Mendocino county when he was stricken early in November.

He is survived by his widow, Mrs. Bertha Howe, a son, Alfred, and a daughter, Mary Lee. The family home is at 111 Sanford St., Santa Rosa.

## PLANS READY FOR TERMINAL OF SANTA FE

Railway Will Offer Contract  
On Two-Story Building  
In San Francisco

Contract for construction of the new Santa Fe bus and rail terminal in San Francisco will be let shortly after the first of the year, it was reported yesterday with the announcement that plans for the structure have been completed. The building site has been cleared under a separate contract. It fronts on Fourth Street, between Market and Mission, formerly being occupied by the historic Argonaut Hotel.

Investment in the site and the new building it is said will approximate \$500,000.

The building will be erected to a height of two stories at present. Plans for a larger structure will not be completed until the full effect of traffic shifts due to the bay bridge and the projected rapid transit system are known, Santa Fe officials said.

The building is to be of steel and concrete. Facings on Fourth St. and Pioneer Place will be of colored terra cotta, ornamented with white metal.

The main entrance will be on Fourth Street. The first floor area will be approximately 29,000 sq. ft. containing waiting rooms, ticket booths and the bus loading platform. The second floor is designed for offices and baggage handling quarters. A full basement will serve as a private garage for the company and will house the heating plant and other mechanical facilities.

Plans for the terminal were prepared by the company's engineering department in Los Angeles under direction of M. C. Blanchard, chief engineer, and H. L. Gilman, architect. It is understood the job will be offered to a selected list of general contractors for figures.

## MARTINEZ CARPENTERS RECEIVE \$9.00 SCALE

Carpenters' Local 2046 of Martinez announces a wage scale effective January 1 of \$1.12 1/2 per hour for work started after the first of the year. The new rate will not affect jobs under construction prior to January 1. The rate will apply on an eight-hour day, 40-hour week. Straight time is to be paid from 8 A. M. to 5 P. M., for the first five days of the week, time and one-half for the first four hours after 5 P. M., and double time thereafter. Saturday and Sunday work is to be paid for at double time.

### OFFICES MOVED

Cement Gun Construction Company of California is now located at 16 California Street, San Francisco.

## EASTBAY SEWER EXTENSION COST OVER \$3,830,000

Frickstad Estimates Construction Necessary on Western Waterfront

Construction of a disposal system to eliminate discharge of raw sewage on the west Oakland waterfront will cost \$3,830,000, according to a preliminary report filed with the city council by City Engineer Walter N. Frickstad. The estimates cover units necessary for the western outfall system, but a study is being made also of a plant for the treatment of sewage now discharged into the tidal canal and San Leandro Bay on which estimates have not been completed.

Mr. Frickstad's recommendations are summarized as follows:

Unit 1: A pumping plant for storm and sanitary sewage in the vicinity of 22nd and Peralta Sts., together with pressure discharge lines for storm water to the outer harbor and for sanitary sewage to a submerged outlet in deep water in the vicinity of the Key Route ferry slips. All the present sewage outlets would be brought together to go through this pumping plant. Total estimated cost, \$2,850,000.

Unit 2: The sewage of the Estuary is also considered in the report, although Estuary sewage is not believed to be connected with Bay Bridge odors. Frickstad recommends the construction of an interceptor along the Estuary west of 23rd Avenue, a pumping plant and a connection to the 22nd and Peralta Street outlet already described. Cost estimated at \$980,000.

Unit 3: An interceptor to protect the tidal canal and San Leandro Bay with the necessary pumping treatment plant. Designs in sufficient detail to warrant an estimate have not been made.

## Bids January 14 For Constructing Two Reno Bridges

Bids for construction of two bridges over the Truckee River in the city of Reno will be received January 14 by the Nevada State Highway Department at Carson City, it was announced yesterday. The two structures, with approaches, will cost about \$150,000.

One span is to cross the river at Sierra Street, the other at Lake Street.

The Sierra Street bridge will require 1206 cubic yards of concrete; 116,000 pounds reinforcing steel, and 270,000 lbs. of structural steel. The Lake Street Bridge will require 1232 cubic yards of concrete; 172,000 pounds reinforcing steel, and 18,000 pounds structural steel. Lighting equipment is included in the general contract for each bridge.

## VACANCY RATIO DROPS TO 3% IN MANY CITIES

FHA Survey Indicates Housing Shortage Reaching An Acute Stage

Fresh evidence of the strong demand for homes that has led to the widespread revival of residential building activity in 1936 is shown in local reports of residential vacancies compiled and analyzed by the division of economics and statistics of the Federal Housing Administration, according to Stewart McDonald, federal housing administrator.

Out of 19 cities in ten states which have conducted surveys in 1936 thirteen showed that less than 2 per cent of one-family homes were vacant. Of the 20 cities reporting vacancies in all types of residential structures in 1936, 16 reported vacancies of three per cent or less. Such figures, Mr. McDonald said, indicate difficulty in obtaining satisfactory housing and go far to explain the fact that during the first nine months of 1936 more houses were built, as shown by building permit statistics, than during the corresponding period of the three years 1932, 1933 and 1934 combined. The accumulated deficit of housing construction resulting from the depression is rapidly being translated into terms of effective demand, with consequent improvement in the entire home real estate market.

(Continued from Page 3)

Co., San Francisco, on their low bid of \$88,612, is expected shortly, of awarding the contract by lot. This office has held that, in view of the element of time involved in the shipping to destination, the administrative contracting officer may award the contract to a bidder in the locality where the work is to be performed or the material is to be used so as to effect any possible saving in time.

"If there has been a combination in violation of the anti-trust laws to throttle or impede competition through the naming of identical-bid prices by all of the bidders, there is an established procedure for proceeding against such bidders in combination to restrict competition. That procedure does not include the awarding of contracts to the bidder whose cost of performance would be the greatest, in an attempt to accomplish the correction of any such combination.

"Hereafter if the time element is not important and identical bids are submitted—both as to quality and price—there should be followed the procedure of awarding the contract by lot, which will operate to prevent the complaints in this case from the Rocky Mountain Architects and Builders Service and from the Colorado Fuel and Iron Corporation."

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

2639	Jericoff	Furnandez	2000
2640	Gantner	Carlen	28000
2641	Meyer	Owner	4700
2642	Meyer	Owner	4700
2643	Williams	Johnson	8000
2644	Echlin	Cahill	2000
2645	Texas	Gettins	1060
2646	Anderson	Owner	3000
2647	Hupp	Owner	4000
2648	Johnson	Owner	4000
2649	Rawling	Owner	4500
2650	Standard	Owner	3500
2651	Standard	Owner	3500
2652	Standard	Owner	3500
2653	Standard	Owner	3500
2654	Standard	Owner	3500
2655	Standard	Owner	3500
2656	Masonic	Owner	3000
2657	Miles	Early	4000
2658	Michel	Cahill	1200
2659	Allied	Barrett	4000
2660	Lee	Owner	3500
2661	Rouspel	Ereckson	6400
2662	Commercial	Owner	5000
2663	Truchauf	Owner	3500
2664	Stoneson	Owner	4500

**ALTERATIONS**

(2639) W. CAROLINA, 375 S 2ND ST. Alter dwelling.  
Owner—Peter Jericoff, 997 De Haro.  
Contractor—Joe Furnandez, 643 Van Ness Ave. So.  
Architect—Not Given. \$2000

**ALTERATIONS**

(2640) 777 VALENCIA. Alter muryary.  
Owner—Gantner & Maison, Prem.  
Contractor—Carlen Construction Co., 666 Mission.  
Architect—Chas. F. Strothoff, 2274 15th Street. \$28,000

**DWELLING**

(2641) N. JUANITA WAY, 350 E MARNE. Two-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$4700

**DWELLING**

(2642) N. JUANITA WAY, 403 E MARNE. Two-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$4700

**FLATS**

(2643) S. 16TH ST., 100 W GUERRERO. Two-story and basement frame flats.  
Owner—M. Williams, care Contractor.  
Contractor—J. A. Johnson, 69 Madison.  
Architect—Chas. F. Strothoff, 2274 15th St. \$5000

**BOILER HOUSE**

(2644) W. VERMONT, 150 N. 16TH ST. Class C Boiler House.  
Owner—Echlin Mfg. Co., 799 Golden Gate Ave.  
Contractor—Cahill Bros., 206 Sansome.  
Engineer—F. W. Kelberg, 320 Market St.  
Architect—W. D. Peugh, 333 Montgomery St. \$2000

**SERVICE STATION**

(2645) NE COR. TURK AND HYDE. One-story steel service station.  
Owner—The Texas Co., Hearst Bldg.  
Contractor—H. T. Gettins Co., 265 13th St.  
Architect—Not Given. \$1000

**DWELLING**

(2646) E. BRIGHT, 200 S SARGENT. One-story and basement frame dwelling.

Owner—Robert Anderson, 323 Arizona Ave.  
Architect—B. K. Dohkowitz, 425 Monterey Blvd. \$3000

**DWELLING**

(2647) W. 29TH AVE., 375 N RIVERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
Architect—Not Given. \$4000

**DWELLING**

(2648) E 15TH AVE., 105 N WAWONA. One-story and basement frame dwelling.  
Owner—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4000

**DWELLING**

(2649) E. 45TH AVE., 225 N FULTON. Two-story and basement frame dwelling.  
Owner—Chas. N. Rawling, 2664 Bush St.  
Architect—Wm. H. Armitage, 2216 Webster St. \$4500

**DWELLING**

(2650) W. 24TH AVE., 275 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**

(2651) W. 24TH ST., 225 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**

(2652) W. 24TH AVE., 300 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**

(2653) W. 24TH AVE., 350 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**

(2654) W. 24TH AVE., 250 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**

(2655) W. 24TH AVE., 325 N LAWTON. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**ALTERATIONS**

(2656) W. VAN NESS AVE., BET. OAK AND HICKORY. Alter Lodge Hall.  
Owner—Masonic Temple, Prem.  
Contractor—Not Selected.  
Architect—Not Given.  
Engineer—W. Adrian, 417 Market St. \$5000

**AUTO SUPPLY STATION**

(2657) NW POLK AND HAYES. One-story steel auto supply station.  
Owner—J. B. Miles, care Contractor.  
Contractor—Fred J. Early, Jr. 369 Pine.  
Architect—Not Given. \$4000

**ALTERATIONS**

(2658) 1415 HARRISON. Alter shop.  
Owner—Michel & Pfeffer Iron Wks., Prem.  
Contractor—Cahill Bros., 206 Sansome.  
Engineer—Warren E. Murray, 908 Harrison. \$1200

**ALTERATIONS**

(2659) SE. COR GEARY AND TAYLOR. Alter hotel.  
Owner—Allied Properties, Clift Hotel.  
Contractor—Barrett & Hlip, 918 Harrison.  
Engineer—W. H. Ellison, Pacific Building. \$4000

**ALTERATIONS**

(2660) 341-43 BARTLETT AVE. Alter flats.  
Owner—James D. Lee, 707-A San Jose Ave.  
Architect—Not Given. \$3500

**FLATS**

(2661) N. VALLEY, 75 E DOLORES. Two-story frame flats.  
Owner—C. L. Rouspel, care Contractor.  
Contractor—Henry Erickson, 972 Chenery.  
Architect—Not Given. \$6400

**ALTERATIONS**

(2662) 315 MONTGOMERY. Alter office building.  
Owner—Commercial Union - Ocean W. Groups, Prem.  
Architect—George W. Kelham, 315 Montgomery. \$5000

**ALTERATIONS**

(2663) NW. 16TH AND VERMONT. Alter salesroom.  
Owner—Truehauf Trailer Co. of California, 145 11th St.  
Architect—Not Given. \$3500

**DWELLING**

(2664) E. BEACHMONT DRIVE, 322 S SLOAT BLVD. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$4500

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt
1936	Seeman	Owner	4000
1937	Hinckley	Stead	6000
1938	Maxey	Owner	4700
1939	Johanson	Owner	3000
1938	Meek	Owner	3600
1939	Merritt	Coburn	1500
1940	Swindell	Owner	2500
1941	Hime	Gabriel	4000
1942	East	Renfrow	10000
1943	Hiboh	Netherby	5000
1944	Cramer	Petersen	6750
1945	Kahn	Kulchar	2000

**DWELLING**

(1938) 2160 WOOLSEY, BERKELEY. One-story 5-room frame dwelling.  
Owner and Builder—W. C. Seeman, Berkeley Womens' Bldg.  
Architect—E. R. Dechene, 364 14th St. Oakland. \$4,000

**DWELLING**

(1937) 1054 CRESTON, BERKELEY. One-story 6-room frame dwelling.  
Owner—L. L. Hinckley.  
Contractor—F. A. Stead, 3206 Boise St. Berkeley.  
Architect—F. L. Confer, Claremont Ave., Berkeley. \$5,000

**DWELLING**

(1938) 2501 61st AVE., OAKLAND. One-story 6-room dwelling.

Owner and Contractor—M. J. Maxey,  
2569 64th Ave., Oakland.  
Architect—Not Given. \$4700

**DWELLING**  
(1939) 2318 WARNER AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner and Builder—K. A. Johanson,  
2057 High St., Oakland.  
Architect—Not Given. \$3,000

**DWELLING**  
(1938) 4451 REINHARDT DRIVE,  
OAKLAND. One-story 6-room  
dwelling.

Owner & Builder—Jacob Meek, 1455  
154th Ave., San Leandro.  
Architect—Not Given. \$3600

**ADDITIONS**  
(1939) 3015 GARBER RD., BERKE-  
LEY. Additions.

Owner—Merritt, 3015 Garber Rd. Ber-  
keley.  
Contractor—I. W. Coburn, 2048 Mar-  
ket St., San Francisco.  
Architect—Not Given. \$1500

**DWELLING**  
(1940) 4505 THOMPSON AVENUE,  
OAKLAND. One-story 5-room  
dwelling.

Owner & Builder—Dean F. Swindell,  
2931 68th Ave.  
Architect—Not Given. \$2500

**DWELLING**  
(1941) 4445 VIOLET STREET, OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner—Home Loan Security Co.,  
1447 Franklin St.  
Contractor—Walter N. Gabriel, 1447  
Franklin St.  
Architect—Not Given. \$4000  
Also garage, \$250

**DWELLING**  
(1942) 2209 BYWOOD DR., OAK-  
LAND. Two-story 11-room dwell-  
ing.

Owner—East Bay Inv Co, 2201 By-  
wood Dr.  
Contractor—John G. Renfrow, 1154  
57th Ave.  
Architect—Not Given \$10,000

**DWELLING**  
(1943) 30 ALBA RD., BERKELEY.  
Two-story 6-room frame dwell-  
ing.

Owner—C. E. Hibob, 1309 Dayton  
Ave., Alameda.  
Contractor—W. L. Netherby, 3853 Ly-  
man Rd., Oakland.  
Architect—Not Given. \$5000

**DWELLING**  
(1944) 6505 ASCOT DR., OAKLAND.  
Two-story 5-room dwelling.

Owner—Dr. Harry Cramer, Prem.  
Contractor—Olaf Petersen, 3626  
Rhoda Ave.  
Architect—Miller & Warnecke, Fi-  
nancial Center Bldg. \$6750

**ALTERATIONS**  
(1945) 1527 BROADWAY, OAK-  
LAND. Alterations.

Owner—Irving K. Kahn, 485 Califor-  
nia St., San Francisco.  
Contractor—S. Kulchar Co., 731 E.  
10th St.  
Architect—Not Given. \$2000

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
196	Strickler	Johanson	2304
196	Gantner	Carlen	27500
197	Doktor	Mager	1390
198	Doktor	Mager	1800

**DWELLING**  
(1945) LOT 29 ELK 19, St. Francis  
Wood Extension No. 2 Two-  
story and basement frame dwell-  
ing.

Owner—Karl F. Schuster, 762 Fulton.  
Architect—William G. Merchant, 406  
Russ Building.

Contractor—J. Harold Johnson, 639  
Brannan Street.

Filed, Dec. 24, '36. Dated, Sept. 19, '36.  
Tent. of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$23,104.00  
Bond, \$23,104. Sureties, United States  
Guarantee Co. Limit, 120 days. Plans  
and specifications filed.

**ALTERATIONS, ETC.**  
(196) 777 VALENCIA. Mortuary  
addition and alterations.

Owner—Gantner & Maison, 777 Va-  
lencia St.  
Architect—Chas. F. Strothoff, 2274  
15th St.  
Contractor—Charles E. Carlen, as  
Carlen Constr. Co., 666 Mission  
Street.

Filed Dec. 29, '36. Dated Dec. 26, '36.  
Frame completion.....\$6575.00  
Brown coat plaster.....6875.00  
Completion.....6875.00  
Usual 35 days.....6875.00  
TOTAL COST, \$27,500.00  
Bond, \$27,500. Surety, Maryland Casu-  
alty Co. Limit, 100 days. Plans and  
specifications filed.

**ALTERATIONS, ETC.**  
(197) 2050 19TH AVE. Move dwell-  
ing and alterations.

Owner—John Doktor  
Contractor—Mager Bros. & Son, 1359  
4th Ave.  
Filed Dec. 29, '36. Dated Dec. 28, '36.  
House set on foundation.....\$600  
Work complete.....790  
TOTAL COST, \$1,390.00  
Specifications filed.

**ALTERATIONS, ETC.**  
(198) 2042 19TH AVE. Move dwell-  
ing and alterations.

Owner—John Doktor  
Contractor—Mager Bros. & Son, 1359  
4th Ave.  
Filed Dec. 29, '36. Dated Dec. 28, '36.  
House set on foundation.....\$800  
Work complete.....1000  
TOTAL COST, \$1800.00  
Specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
186	Price	Sigge	12345

**RESIDENCE**  
(186) LOT 56, ST. JAMES WOOD,  
PIEDMONT. Two-story residence  
and garage.

Owner—Rohr, M. Price.  
Architect—Miller & Warnecke, Fi-  
nancial Center Bldg., Oakland.  
Contractor—Victor E. Sigge, 3912  
Linwood Ave., Oakland.

Filed Dec. 29, '36. Dated Dec. 24, '36.  
Rafters in place.....\$3056.25  
Brown plastered.....3056.25  
Completion.....3056.25  
Usual 35 days.....2847.50  
1 year later.....234.50  
TOTAL COST, \$12,345.00  
Bond, \$12,345. Surety, Maryland Casu-  
alty Co. Forfeit, \$10 per day. Lim-  
it, 100 days. Plans and specifications  
filed.

### SAN FRANCISCO CO., UNDER \$1000

ALTER dwelling, \$200; 455 40th Ave.;  
owner, G. Paterson, Prem.  
SIGN, electric, \$300; 440 Geary St.;  
owner, Somerton Investment Co.,  
Prem.; contractor, Elec. Products  
Corp., 910 Harrison.  
SIGN, electric, \$130; 357 Geary St.;  
owner, Spaulding's Cleaners and  
Dyers, Prem.; contractor, Elec.  
Prod. Corp., 910 Harrison.  
SIGN, electric, \$150; 1360-62-64 Mar-  
ket St.; owner, Michael Natov,  
Prem.; contractor, Pacific Neon  
Mfg. Co., 2600 18th St.  
SIGN, electric, \$40; 182 Embarcade-

ro; owner, Santa Fe Trailways,  
Prem.; contractor, Elec. Products  
Corp., 910 Harrison.

ALTER dwelling, \$150; 163-170 Lex-  
ington Ave.; owner, J. Sala, 3090  
16th St.

SIGN, electric, \$200; 440 Geary St.;  
owner, Somerton Investment Co.,  
Prem.; contractor, Elec. Products  
Corp., 910 Harrison.

SIGN, electric, \$300; 610 Geary St.;  
owner, Hotel Geary, Prem.; con-  
tractor, Elec. Prod. Corp., 910  
Harrison.

FLUE, \$22; 1519 California; owner,  
Mr. Hinkelstein, 1649 Folk St.;  
contractor, Anderberg & McCa-  
ron, 2041 Folk St.

SIGN, electric, \$125; 1360-62-64 Mar-  
ket St.; owner, Michael Natov,  
Prem.; contractor, Pacific Neon  
Mfg. Co., 2600 18th St.

FLUE, \$27; 21 Laidley; owner, Mar-  
garet De Fatta, Prem.; contrac-  
tor, E. L. Link, 4260 Mission.

SIGN, electric, \$300; 944 Folsom;  
owner, Horsford Bros. Co., Prem.;  
contractor, Elec. Prod. Corp., 910  
Harrison.

SIGN, electric, \$400; 32 Powell St.;  
owner, Thorne, Elec. Products  
Corp., 910 Harrison.

ALTER flats, \$85; 31-33 Cortland  
Ave.; owner, F. L. Ashby, 70  
Chesley St.

SIGN, electric, \$375; 1560-62-64 Mar-  
ket; owner, Michael Natov, Prem-  
ises; contractor, Pacific Neon  
Mfg. Co., 2600 18th St.

ALTER flats, \$500; 1412 Lyon St.;  
owner, W. H. Shea, 1156 Stan-  
way St.

SIGN, electric, \$200; 503 Columbus  
Ave.; owner, Bianchinis, Prem.;  
contractor, Brumfield Elec. Co.,  
965 Folsom.

GARAGE, private, \$150; SE Cor. Hor-  
ace and 25th; owner, K. Piestryznski,  
2906 Folsom St.

ALTER dwelling, \$250; 2728 Golden  
Gate Ave.; owner, E. Scogin,  
Prem.

BILLBOARD, \$25; California and  
Jones; owner, Foster and Klei-  
ser Co., 1675 Eddy St.

SIGN, electric, \$400; 402 Geary St.;  
owner, The Griddle, Prem.; con-  
tractor, Pioneer Elec. Co., 370  
Van Ness Ave. So.

SIGN, electric, \$200; 224 6th St.;  
owner, Sixth St. Market, Prem.;  
contractor, Brumfield Elec. Co.,  
965 Folsom.

ALTER dwelling, \$150; N. Sutro Hts.,  
50 W. 47th Ave.; owner, Arco  
Bldg. Co., 4705 Mission.

SIGN, electric, \$125; 1090 Golden  
Gate Ave.; owner, Joseph L.  
Norman, Prem.; contractor, Novelty  
Elec. Sign Co., Inc., 65 Wash-  
burn.

FENCE, \$100; S. 25th St., near Folsom;  
owner, K. Piestryznski, 2906  
Folsom.

BILLBOARD, \$25; W. Van Ness, 206  
S. Mission; owner, Foster & Klei-  
ser Co., 1675 Eddy St.

SIGN, electric, \$400; 402 Geary St.;  
owner, The Griddle, Prem.; con-  
tractor, Pioneer Elec. Co., 370 Van  
Ness Ave. So.

ALTER restaurant, \$450; 639 Mont-  
gomery; owner, Florence Restau-  
rant, Prem.; contractor, S. A. Gi-  
usti & Co., 200 Green St.

ALTER restaurant, \$800; 31 Jackson;  
owner, Charles Rovi, Prem.

ALTER store, \$300; 1201 Pacific Ave-  
nue; owner, Mrs. E. Hollis, Prem-  
ises; contractor, Wm. M. Thack-  
eray, 1270 Pacific.

SIGN, electric, \$100; 134 Golden Gate  
Ave.; owner, Bauer Mfg. Co.,  
Prem.; contractor, QRS Neon  
Corp. Ltd., 690 Potrero.

ALTER store, \$200; SE Cor. 24th St.  
& Alabama; owner, C. F. Brock-  
hoff, 476 10th Ave.; contractor,  
L. H. Stevenson, 130 Merced Ave.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings
4.—Factories and Warehouses	14.—Fire Houses and Jails
5.—Flats	15.—Residences
6.—Garages and Service Stations	16.—Schools
7.—Federal Buildings	17.—Banks, Stores and Theatres
8.—Club Buildings	18.—Wharves & Docks
9.—Hospitals	19.—Misc. Const.
10.—Hotels	20.—Misc. Supplies

## 1— APARTMENTS

Contract Awarded  
ADDITIONS Cost, \$3,970  
PITTSBURG, Contra Costa Co., Cal.  
St. Peter's Church.

Additions to Rectory at St. Peter's Church (Rev. J. H. Valine, Rector).

Owner—Roman Catholic Archbishop, 1109 Franklin St., San Francisco.  
Architect—Arnold Constable, 580 Market St., San Francisco.

Contractor—Russell Cataline, 59 W. 8th St., Pittsburg.

## 3— CHURCHES

Completing Working Drawings  
CHURCH Cost, \$50,000  
SAN FRANCISCO, Octavia and Pine Streets.

Three-story frame church (wood exterior).

Owner—Buddhist Mission of North America.

Plans by G. G. Shimamoto, 1534 Geary Street.

Bids will be asked in about two weeks.

Low Bidders  
ADDITION & RECON. Cost, \$20,000  
PORTERVILLE, Tulare Co., Calif.  
Addition to church and reconstruction of fire damage.

Owner—First Congregational Church, Porterville.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Low Bidder—Hodgson & Son, 510 Second St., Porterville—\$15,850.

Three low bidders follow:  
Hodgson & Son, Porterville.....\$15,850  
L. H. Hansen & Son, Fresno.....16,600  
R. P. Moore, Fresno.....16,985

## 4— FACTORIES &amp; WAREHOUSES

Planned  
ADDITION TO PLANT  
Cost, \$1,900,000  
OLEUM, Contra Costa Co., Calif.  
Addition of cracking plant at Oleum refinery.

Owner—Union Oil Co., 220 Montgomery St., San Francisco.

Plans by Engineering Department of Owner.

Contract Awarded  
ADDITIONS AND ALTERATIONS  
Cost, \$1,500,000  
MARTINEZ, Contra Costa Co., Calif.  
Extension of cracking facilities at Avon Refinery.

Owner—Tide Water Associated Oil Co., 78 New Montgomery St.

Plans by Engineering Department of Owner.

Contractor—Alto Products, Inc. (Am. Locomotive Co.), Rialto Bldg., San Francisco.

Additional Sub-Contracts Awarded  
FACTORY Cost, \$56,000  
SAN FRANCISCO, 16th and Vermont Streets.

Three-story reinforced concrete factory (100x140 feet).

Owner—Echlin Manufacturing Company, 799 Golden Gate Avenue.

Architect—W. D. Peugh, 333 Montgomery Street.

Consulting Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Mill Work—Empire Mill Co., 2500 3rd Street.

Plastering—A. W. Cordes, 666 Mission Street.

Masonry—Wm. A. Rainey & Son, 323 Clementina Street.

Steel Work—Corete Engr. Co., 1280 Indiana Street.

Roofing—J. W. Bender Co., 1999 Bryant Street.

As previously reported, plumbing and heating awarded to Jas. H. Pickerton Co., 327 Howard St.; concrete to Ready Mix Concrete Co., Ltd., Carolina and Mariposa Sts.; reinforcing steel to W. C. Hauck, 280 San Bruno Ave.; placing of reinforcing steel to J. P. Murphy, 222 Parkview Ave., Piedmont.

Additional Sub-Contracts Awarded  
FACTORY Cost, \$56,000  
SAN FRANCISCO, 16th and Vermont Streets.

Three-story reinforced concrete factory (100x140 feet).

Owner—Echlin Manufacturing Company, 799 Golden Gate Avenue.

Architect—W. D. Peugh, 333 Montgomery Street.

Consulting Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Glass—Center Hardware & Glass Co., 600 4th St., San Francisco.

Pipe Railings—Rineon Iron Works, 1315 Natoma St., San Francisco.

Complete sub contracts awarded to date published December 25.

Contract Awarded  
ADDITION Cost, \$9,000  
STOCKTON, San Joaquin Co., Calif.  
617 N. Stanislaus St.  
Owner—El Dorado Brewing Co., 617 N. Stanislaus St.  
Architect—Not Given.  
Contractor—J. C. Meyers, Route 1 Box 429, Stockton.

## 5— FLATS

Contract Awarded  
FLATS Cost, \$8,500  
SAN FRANCISCO, S 16th Street W Guerrero Street

Two-story and basement frame and stucco flat building.

Own—M. Williams contractor

Architect—Charles F. Strothoff, 2274 15th Street

Contractor—J. A. Johnson, 69 Madison Street

## 6— GARAGES &amp; SERVICE STATIONS

Contract Awarded  
SERVICE STATION Cost, \$8,500  
SAN JOSE, Santa Clara Co., Calif.  
301 S Market St.

Gasoline Service Station.  
Owner—General Petroleum Corp. of Calif., 310 Sansome Street, San Francisco.

Plans by Engineering Department of Owner.

Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

Contract Awarded  
SERVICE STATION Cost, \$7,000  
OAKLAND, Alameda Co., Calif. Park and Hopkins Sts.

Steel service station.

Owner—General Petroleum Company, 519 19th St., Oakland.

Plans by Engineering Department of Owner.

Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

## 7— FEDERAL BUILDINGS

CONTRACT AWARDED  
STANFORD UNIVERSITY, Santa Clara Co., Calif.—York Ice Machinery Corp., 234 Ninth St., San Francisco, at \$1,990 awarded contract by the

Commanding Officer, Benicia Arsenal, under Bid No. 146-37-23, for furnishing equipment and installation of an air conditioning unit in the Gage laboratory, in the Military Tactics and Science Bldg., Stanford University.

Bids Wanted—To Close January 12, 5 P. M.

LODGE BLDG. Cost, \$50,000  
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.

Two and one-half-story and basement reinforced concrete club building (50x100 ft.), clubrooms, banquet hall, kitchen, shower room, etc.

Owner—Vallejo Lodge of Elks.

Architect—Dodge Riedy, 821 Market St., San Francisco.

Bids will be received by the Secretary of the Elks Hall Association, 433 Georgia St., Vallejo.

MATERIALS APPROVED

SAN DIEGO, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at San Diego. M. H. Golden, San Diego, general contractor; Plumbing fixtures, Crane Co.; electric water heaters, Uniflow Mfg. Co.; water pipe, Am. Brass Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; relief valve, Penberthy Inspector Co.; back water valve, Amer. Foundry & Mfg. Co.; back water cesspools, T. F. Butler Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; tube radiators, Crane Co.; wall radiators, Crane Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, C. A. Dunham Co.; mechanical traps, C. A. Dunham Co.; thermostatic traps, C. A. Dunham Co.; vacuum pumps, C. A. Dunham Co.

MATERIALS APPROVED

PORTLAND, Ore.—Treasury Department approved following building material and equipment awards for the construction of the East Portland postal station. George Isaacson Co., 331 Worcester Bldg., Portland, general contractor; Receptacles, Arrow-Hart & Hegeman Elec. Co.; flush switches, Arrow-Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co.; lighting fixtures, Perfelco Co.

MATERIALS APPROVED

ONTARIO, Oregon—Treasury Department approved following building material and equipment awards for

the construction of the Ontario Post Office, Benjamin H. Sheldon, Ontario, Ore., general contractor; Water pipe, Chase Brass & Copper Co.; panel boards, Square D Co.; main switch, Cutler-Hammer Mfg. Co.; r. c. wire, John A. Roebbling's Sons Co.; receptacles, Arrow-Hart & Hegeman Elec. Co.; flush switches, Arrow-Hart & Hegeman Electric Co.; pendant switch, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.

#### MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Department approved the following building material and equipment awards for the construction of the Federal Jail, Los Angeles: Robert E. McKee, 1128 Central Bldg., Los Angeles, general contractor; Plumbing fixtures, Washington-Eljer Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; brass pipe, Am. Tubing Works; steam traps, Consolidated Steel Corp.; steam regulators for heaters, Sterling Engrg. Co.; sump pumps, Yeoman Bros. Co.; nonconducting covering for plumbing, Johns-Manville Co.; aluminum valve, Mueller Steam Specialty Co.; water tube boilers, Erie City Iron Works; soot blower, Vulcan Soot Blower Corp.; oil pumping outfit, Fairbanks, Morse & Co.; rotating disc blow-off valves, Yarnell-Warring Co.; seamless blow-off valves, Yarnell-Warring Co.; feed water injectors, Penberthy Injector Co.; feed water heater, Hoppes Mfg. Co.; feed water meter, Hoppes Mfg. Co.; draft gauges, Bailey Meter Co.; pressure reducing valves for heating, Kieley & Mueller; vacuum pumps, Sterling Engineering Co.; condensate pump, Am. Steam Pump Co.; mechanical traps, Sarco Co.; thermostatic traps, Warren Webster & Co.; exposed radiators, U. S. Radiator Corp.; wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; radiator valves, Warren Webster & Co.; radiator traps, Warren Webster & Co.; fans for ventilation, B. F. Sturtevant Co.; automatic temperature regulator for ventilation, electric, Minneapolis-Honeywell Regulator Co.; air filters, Am. Air Filter Co.; unit heaters, McQuay, Inc.; thermostatic control, Mercoid Corp.; thermometers, Mueller Instrument Co.; exhaust head, Wright & Austin Co.; back pressure valve, Fisher Governor Co.; underground conduits for steam and hot water piping, Ric-Wil Co.; brine regulating valves, Johnson Service Co.

#### BIDS WANTED

SAN FRANCISCO.—Until Jan. 22, 1937, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for mint equipment at the U. S. Mint at San Francisco.

Specifications may be obtained at the above office. No deposit required.

#### LOW BIDDER

SAN FRANCISCO.—Sarvas Electric Company, Brooklyn, New York, at \$17,450, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for motor generator sets at the U. S. Mint at San Francisco.

Severn Electric Co., San Francisco, at \$18,000, submitted second low bid.

#### BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal.—Until January 19, 1937, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal counters, gates, shelving, etc. in the U. S. Post Office and Custom House at San Pedro.

Specifications may be obtained from the above office and from the

Custodian of the Building at San Pedro.

#### CONTRACT AWARDED

SACRAMENTO.—Meyer Construction Co., 735 Portola Drive, San Francisco, at \$91,505 (Items 1, 3, 4, and 6), awarded contract by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, for the construction of the Quartermaster's Warehouse, warehouse annex, maintenance building, and garage, on the site of the Army Air Corps Supply Depot, near North Sacramento.

Contract awarded on a basic bid of \$88,612 for the work complete, with an addition of \$1,537 for adding one interior bay to the QM warehouse, and of \$1,356 for addition of two interior bays, one in each row of sheds of the QM garage.

All construction will be of reinforced concrete, walls, floors, and roofs; brick interior partitions; metal sash; gas radiators.

The warehouse and maintenance building will each be 181x41 feet, one story.

Warehouse annex will be L-shaped, 25 feet wide, 41 feet on one side and 61 feet on the other.

Garage includes repair shop, 32x124 feet, one story, and two detached sheds, open on one side, each 163x20 feet.

#### BIDS WANTED

SAN FRANCISCO.—Until Jan. 5, 1937, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for high-pressure boilers, etc., at the U. S. Mint at San Francisco.

Plans and specifications obtainable at the above office. No deposit required.

#### BIDS OPENED

PORT DEFENCE, Arizona.—R. F. Ball Const. Co., Fort Worth, Texas, at \$346,480, submitted low bid to the Department of the Interior, Purchasing Office, 18th and F Sts. N.W., Washington, D. C., for construction of the Navajo General Hospital, Fort Defiance, Arizona, approximately 30 miles from the nearest railroad at Gallup, N. M.

Complete bids follow:

R. F. Ball Const. Co., Fort Worth, Texas	\$356,480
Manhattan Constr. Co., Muskogee, Okla.	361,648
Robert E. McKee, El Paso, Texas	373,000
Harmon Constr. Co., Oklahoma City, Okla.	403,987
W. W. Womack, Phoenix, Ariz.	404,223
M. M. Sundt Constr. Co., Tucson, Ariz.	425,900
W. F. Bell Const. Co., Oklahoma City, Okla.	440,000

#### BIDS OPENED

STANFORD UNIVERSITY, Santa Clara Co., Calif.—York Ice Machinery Corp., 234 9th St., San Francisco, at \$1,990, submitted low bid to the Commanding Officer, Benicia Arsenal, under Bid No. 146-37-23, for furnishing equipment and installation of an air conditioning unit in the Gage Laboratory, in the Military Tactics and Science Bldg., Stanford University.

Complete bids follow:

York Ice Mach. Corp., S. F.	\$1,990
Shirar-Young Co., S. F.	2,345
Edward B. Ward, S. F.	2,670

Bid Opening Date Postponed to January 8, 1937.

POST OFFICE Cost, \$210,000

PROVO, Utah.

U. S. Post Office Building.

Owner—United States Government.

Plans by the Supervising Architect,

Treasury Department, Washington, D. C.

Plans and specifications may be

obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C., on deposit required for two sets of plans.

Bid opening date postponed from December 30, 1936.

#### LOW BIDDER

POINT LOMA, San Diego, Cal.—E. H. Gray, 1316 Market Street, San Diego, at \$1,538.80, under Items 1 and 2, submitted low bid and has been recommended for award, to the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8297, for painting exterior of buildings and wood masts at the Naval Radio Station, Point Loma.

#### BIDS WANTED

ANAHEIM, Orange Co., Calif.—Until Jan. 19, 1937, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. P. O. at Anaheim.

Specifications obtainable from the above office and from the Custodian of the Building at Anaheim.

#### BIDS OPENED

WARM SPRINGS, Oregon.—Baldwin & Wehm, Hood River, Ore., at \$39,971, submitted low bid to the Department of Interior, W. B. Fry, Purchasing Officer, Washington, D. C., for the construction of a one-story and part basement classroom building, for Indian Agency.

Complete bids follow:

Baldwin & Wehm, Hood River	\$59,971
Alt. (1) Ded.	18,804
Alt. (2) Ded.	2,070

David A. Richardson, Ontario

Alt. (1) Ded.	59,971
Alt. (2) Ded.	18,820
Alt. (3) Ded.	1,408

Benjamin H. Sheldon, Ontario

Alt. (1) Ded.	60,382
Alt. (2) Ded.	13,784
Alt. (3) Ded.	1,000

Malarkey & Kallander, Portland

Alt. (1) Ded.	61,600
Alt. (2) Ded.	16,500
Alt. (3) Ded.	1,400

Parelius Constr. Co., Portland

Alt. (1) Ded.	66,820
Alt. (2) Ded.	2,420

Dougan & Hammond Co., Portland

Alt. (1) Ded.	67,300
Alt. (2) Ded.	15,000
Alt. (3) Ded.	1,400

Wm. & L. L. Quigley, Portland

Alt. (1) Ded.	67,329
Alt. (2) Ded.	17,706
Alt. (3) Ded.	1,289

Shattock & Neland, Portland

Alt. (1) Ded.	69,548
Alt. (2) Ded.	19,000
Alt. (3) Ded.	1,408

George A. Buckler Co., Portland

Alt. (1) Ded.	71,190
Alt. (2) Ded.	20,279
Alt. (3) Ded.	3,961

Stuart & Farguhar, Portland

Alt. (1) Ded.	72,828
Alt. (2) Ded.	19,000
Alt. (3) Ded.	2,000

#### CONTRACT AWARDED

MARE ISLAND, Calif.—George J. Maurer Co., 50 York Drive, Piedmont, at \$74,080, awarded contract by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8192, for construction of a dispensary building at the Navy Yard.

Work includes concrete construction, steel, iron and bronze work, roofing, asbestos shingles, and sheet metal work, metal studding, furring and lathing, plastering, marble and tile work, terrazzo, cork composition tile flooring, metal-covered doors and frames and hollow metal frames, carpentry and joinery, hardware, refrigerated drinking fountains, plumbing, heating and electrical work.

#### MATERIALS APPROVED

WATSONVILLE, Santa Cruz Co., Calif.—Treasury Department approved following building material and

equipment awards for the construction of the U. S. Post Office at Watsonville, Carl E. Swenson Co., San Jose, general contractors; Receptacles, Arrow-Hart & Hegeman Elec. Co.

**MATERIALS APPROVED**

**SANTA MARIA, Santa Barbara Co., Calif.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Santa Maria, I. F. Low Co., 111 W. 7th Sts., Los Angeles, general contractors; Main switch, Square D Co.; rubber-covered wire, Simplex Wire & Cable Co.; flush switches, Bryant Elec. Co.; receptacles, Bryant Elec. Co.; pendant switch, Arrow-Hart & Hegeman Elec. Co.; panel board, Square D Co.; lighting fixture, Perfecite Co.

**MATERIALS APPROVED**

**SANTA BARBARA, Calif.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Santa Barbara. Sarver & Zoss, 1015 W. 4th St., Los Angeles, general contractors; Flush switches, Arrow-Hart & Hegeman Elec. Co., in lieu of previous approval.

**CONTRACT AWARDED**

**OCEANSIDE, San Diego Co., Calif.**—The Robbins Mfg. Co., 1801 N. Central Park Ave., Chicago, Ill., at \$311, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office at Oceanside.

**BIDS OPENED**

**ANAHEIM, Orange Co., Calif.**—Peterson Bros., Inglewood, at \$349, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for concrete curbs at the U. S. Post Office at Anaheim.

Only other bid submitted by Lewis Bros., Phoenix, Ariz., at \$96.

**BIDS WANTED**

**SAN FERNANDO, Los Angeles Co., Calif.**—Until Jan. 22, 1937, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at San Fernando.

Specifications may be obtained from the above office and from the Custodian of the Building at San Fernando.

**MATERIALS APPROVED**

**SAN DIEGO, Calif.**—Treasury Department approved following equipment awards for the installation of elevators and dumbwaiters in the U. S. Post Office at San Diego. Otis Elevator Co., Washington, D. C., contractor; Counterbalanced doors, car gates, electric operators for counterbalanced doors, and electric operators for car gates, Peelle Co.

**9— HOSPITALS**

**Bids In**—Held Under Advertisment  
**ADDISON, Calif.**, \$.....  
**SAN FRANCISCO, Geary St. and Fifth Ave.**

One-story reinf. concrete and brick addition to surgery at French Hospital.

Owners—French Hospital Association. Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Following figured plans:  
G. P. W. Jensen & Sons, Inc., 320 Market St.  
H. H. Larsen, 64 So. Park Ave.  
Moore & Roberts, 693 Mission St.

Emil Hogberg, 666 Mission St.  
Reed Reed, 1131 Commercial St.  
DeLuca & Son, Inc., 1745 Filbert St.  
Grant-Martinelli Construction Co., 44 Mary St.

Bids are being held under advisement until formal meeting of the Directors of the Hospital Board takes place in about ten days. Exact date not yet set. Announcement shortly.

**Plans Being Figured — Bids Close**  
**January 26, 2 P. M.**

**NUMBERS HOME**  
**YOUNTVILLE, Napa Co., Calif. Veterans Home.**

Two-story reinforced concrete nurses' home with tile roof (30 rooms), and one-story wood frame two-family cottage (Duplex Cottage No. 3), cement plaster exterior and tile roof.

Owner—State of California. Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Segregated bids will be taken as follows:

- (1) General Work;
- (2) Electrical Work;
- (3) Plumbing Work;
- (4) Heating Work.

Alternate bids will be required for certain changes in the work.

George J. Maurer, Piedmont, submitted lowest bid at the previous bid opening at \$61,479, on the general contract.

Plans and specifications obtainable from the office of the architect upon deposit of \$25.

**Bids Opened**

**HOSPITAL, Cost, \$44,537**  
**DELANO, Kern Co., Calif.**

One-story hospital clinic (reinforced concrete floors, walls and ceilings; tile roof over wood frame; interior partitions metal studs, metal lath and plaster, low pressure steam heat; air washer and cooling system; compressed air; call system; high pressure steam for sterilizing).

Owner—County of Kern (F. E. Smith, County Clerk). Architect—Office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

**Low Bidder**—Midstate Constr. Co., 24 Clinton Ave., Fresno.

Complete bids on the general work follow:

Midstate Constr. Co., Fresno, \$34,797  
Trevitt-Shields & Fisher, Fresno, 35,320

Opperman & Co., Bakersfield, 37,700  
Bids for plumbing and heating and electrical work will be announced shortly.

A grant of \$20,041 was recently approved by the PWA.

**Preparing Working Drawings**  
**HOSPITAL, Cost, \$50,180**

**HOLLISTER, San Benito Co., Calif.**—county hospital, T-shaped structure, asbestos shingle roof (operating room, X-ray room, offices, 22 bedrooms).

Owner—County of San Benito. Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Application has been filed with the PWA for a grant of \$35,180.

**10— HOTELS**

**CONTRACT AWARDED**

**PISMO BEACH, San Luis Obispo Co., Calif.**—Trevitt, Shields & Fisher 501 Pacific Southwest Bldg., Fresno awarded contract for the construction of a four-story reinforced concrete Butler Hotel in Pismo Beach. Cost, \$70,000. Plans prepared by Architects A. R. Walker and P. A. Elsen, Los Angeles; structural engineer, E. A. Evans.

**12 POWER PLANTS**

**PROPOSED**

**MODESTO, Stanislaus Co., Cal.**—Clifford E. Plummer, electrical engineer for Modesto Irrigation District, estimates \$1,172,500 as the cost of constructing a steam generating plant to provide stand-by service for the electrical power systems of the Modesto and Turlock Irrigation Districts. The plant would have a capacity of 10,000-kva. A contract with San Joaquin Light and Power Corporation for stand-by service will expire in 1939, and district directors contemplate construction of the steam plant prior to that date.

**BIDS WANTED**

**SAN FRANCISCO**—Until January 6, 1:45 p. m., informal bids will be received by the Department of Public Works, Room 25 City Hall, under Spec. No. 5366, for removing old outer shell and liner and replacing with new 5/16-in. boiler plate outer shell and 3/4-in. liner, on No. 2 mixer at Municipal Asphalt Plant, Florida and Treat Ave.

Information obtainable from General Superintendent Preston W. King, Bureau of Streets, 480 11th St.

**13— PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**CONTRACT AWARDED**

**SAN LUIS OBISPO, Calif.**—Ray Cook Marble Co., 1535 Powell St., Oakland, at \$2,240, awarded contract by the County of San Luis Obispo, Gwen Marshall, County Clerk, for marble work in the Court House building, known as Unit No. 2 of the San Luis Obispo County Court House, Monterey and Osos Streets.

Plans prepared by Architects Walker & Eisen, 437 S. Hill St., Los Angeles.

**Preparing Preliminary Plans ALTERATIONS & ADDITIONS**

**PALO ALTO, Santa Clara Co., Calif.**

Alterations and additions to the Palo Alto City Hall (addition and alterations to Utilities Dept. and new City Consul Chambers).

Owner—City of Palo Alto. Architect—C. K. Sumner, Deckerok Bldg., Palo Alto.

Application has been made to PWA for grant of 45% of estimated cost to assist in financing.

**Contract Awarded EXHIBIT PALACES**

**YERBA BUENA SHOALS, Site of the 1939 World's Fair.**

Twelve one-story buildings (over 600,000 sq. ft.), and temporary utility buildings. Buildings are to be built with pile foundations; roof floor and roof construction; roof supported on trusses covered with felt and asphalt; wood flooring, wood sheathing and roofing installed, but no finish work inside or outside except which is shown or specified.

Owner—San Francisco Bay Exposition, Inc., (Leland W. Coker, President), 585 Bush Street, San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission (George Kelham, Chairman), 555 Bush Street.

Contractor—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco.

Contract was awarded under Prop. H, as follows: For constructing Buildings Nos. 5, 6, 6A, 7, 7A, 8, 8A, 9, 11, 12, 13, 14 utility buildings. Roof and block construction will be used.

Following sub contracts have been awarded:  
 Pile Driving—A. W. Kitchen, Pier 9.  
 Sheet Metal—Gulifoy Cornice Works, 1234 Howard St.  
 Plastering—A. Knowles, 982 Bryant St.  
 Roofing—Alta Roofing Co., 976 Indiana St.  
 Painting—D. Zelinsky & Sons, Inc., 165 Grove St.  
 Electric—Victor Lemoge, 281 Natoma St.  
 All of San Francisco.

#### PLANNED

MINA, Nevada.—City of Mina, Esmeralda County, Nevada, will erect a new reinforced concrete building to house police quarters, jail and the Mina water system offices.

#### CONTRACT AWARDED

LINCOLN, Placer Co., Calif.—Tom Brown, 5/8 Diamond Match Co., Grass Valley, at \$375, awarded contract by the City of Lincoln, Tillie M. Bird, City Clerk, for re-roofing the City Auditorium. Work includes removing of the old roof, putting on of new roof, and removal of debris.  
 Only other bid submitted by Vulcan Roofing Co., Oakland, at \$385.

#### BIDS WANTED

SAN BERNARDINO, Calif.—Until Jan. 7, 5 p. m., bids will be received by the San Bernardino city council for the construction of a reinforced concrete city hall building at 416 3rd St. Estimated cost, \$130,000. DeWitt Mitchell, 388 Highland Ave., San Bernardino, Architect.  
 Plans and specifications obtainable from the office of the city engineer upon deposit of \$25.

#### NOTICE OF SALE

SANTA CRUZ, Calif.—The Santa Cruz Board of Supervisors will sell at public auction January 5, 3 p. m., on the premises, the old jail and county administrative bldgs, which will be replaced by a new structure. Bids for the new structure will be opened immediately after the auction.

### 14—RESIDENCES

#### Completing Working Drawings

RESIDENCE Cost, \$5000  
 OAKLAND, Alameda Co., Calif. Monterey Ave.

One-story frame and stucco residence (5 rooms, 1 bath), shake roof, hardwood floors, tile bath, wall furnaces.

Owner—Vernon Kisoer, care Architect.

Architect—Earl MacDonald, 3812 Broadway, Oakland.

Upon completion of plans owner will take bids.

#### Preparing Plans

RESIDENCES Cost, \$4,000 each  
 WALNUT CREEK, Contra Costa Co., Calif.

Two one-story frame and stucco residences (5 rooms, 1 bath each) shake roof, floor furnaces, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Architect—K. E. Ponsford, 900 Creed Road, Oakland.

#### To Be Done By Day's Work

RESIDENCES Cost, \$5,000 each  
 SAN FRANCISCO, Juanita Way and Marne Street.

Two 2-story frame and stucco residences and garages.

Owner and Builder—Meyer Bros., 735 Portola Drive.  
 Architect—Not Given.

#### Contract Awarded

RESIDENCE Cont. Pr., \$12,345  
 PIEDMONT, Alameda Co., Calif. St. James Wood.

Two-story frame and stucco residence.

Architect—Withheld.  
 Owner—Miller & Warnecke, Financial Center Bldg., Oakland.  
 Contractor—Victor E. Sigge, 3912 Linwood Ave., Oakland.

Bids Wanted—To Close Jan. 16, 11

A. W.  
 RESIDENCE Cost, \$9,000  
 SANTA ROSA, Sonoma Co., Calif. Mendocino and Denton Road.

Two-story and basement frame and stucco residence (7 rooms and 3 baths), circular stairway; forced hot air oil burning heating system; sun deck, rumpus room in basement, tile roof, Spanish type, hardwood floors, tile baths, etc.

Owner—Floyd Trombetta, Santa Rosa.  
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Following are figuring plans:  
 Leon Koch, 526 Orchard St.  
 Wm. D. Rapp, 1413 17th St.  
 C. L. Personett, 731 Santa Rosa Ave.  
 L. O. Halvorsen, 123 Dutton Ave.  
 E. Ahlstrom, 323 1/2 S. R. Ave.  
 (All of Santa Rosa.)

#### Contract Awarded

RESIDENCE Cost, \$6,000  
 PALO ALTO, Santa Clara Co., Calif. 260 Seale Ave.

One-story frame and shingle residence; garage.

Owner—Louise E. Maud, President Hotel, Palo Alto.

Architect—Not Given.  
 Contractor—V. L. Stewart, 106 Rinconada Ave., Palo Alto.

#### Contract Awarded

RESIDENCE Cost, \$7,000  
 PALO ALTO, Santa Clara Co., Calif.

One-story frame and weatherboard residence; garage.

Owner—D. Paul McKelvey, 599 Arch St., San Francisco.

Architect—Not Given.  
 Contractor—V. L. Stewart, 106 Rinconada Ave., Palo Alto.

#### Preparing Working Drawings

RESIDENCE Cost, \$10,000  
 GUERNEVILLE, Sonoma Co., Calif.

One and one-half-story frame residence (8 rooms, 2 baths), modified English type, stucco and board and batten exterior, shake roof, oil burning circulating heater, hardwood floors, tile baths, detached garage.

Owner—E. W. Drake, 5/8 Architect.  
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

#### Contract Awarded

RESIDENCE Cost, \$10,000  
 OAKLAND, Alameda Co., Calif. 2200 Bywood Drive.

Two-story frame and stucco residence (11 rooms); garage.

Owner—East Bay Investment Co., 2201 Bywood Drive, Oakland.

Architect—Not Given.  
 Contractor—John Q. Renfrow, 1154 57th Ave., Oakland.

#### Preparing Working Drawings

RESIDENCE Cost, \$.....  
 SALINAS, Monterey Co., Cal. Maple Park.

Two-story frame and stucco residence (8 rooms, 4 baths).

Owner—Dr. and Mrs. Meyenberg.  
 Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

#### SUB-BIDS WANTED

SAN FRANCISCO.—Fred K. DuPuy, 110 Sutter St., desires sub-bids on all portions of the work for construction of the Dr. and Mrs. F. W. L. Tydeman residence on Lombard Street, for which bids will be opened by Architects Farr & Ward, 68 Post St., January 8.

To Be Done By Day's Work

RESIDENCES Cost, \$4,000 ea.  
 SAN FRANCISCO, Lawton St. and

24th Avenue.

Six one-story and basement frame and stucco residences.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.  
 Architect—Not Given.

#### Plans Being Figured — Bids Close

January 8  
 RESIDENCE Cost, \$.....  
 SAN FRANCISCO, Lombard Street, between Hyde and Leavenworth streets.

Three-story and basement frame and stucco residence (solarium on roof, tile baths, hardwood floors, refrigerators, gas-fired warm air heat, lino wall interior walls, slate decks, flat pabco roof, etc.).

Owner—Dr. and Mrs. F. W. L. Tydeman, San Francisco.

Architect—Farr & Ward, 68 Post St., San Francisco.

Bids will be received from a selected list of contractors.  
 Fred K. DuPuy, 110 Sutter St., is figuring the plans, and desires sub-bids on all portions of the work.

#### Bids In—Under Advertisment

RESIDENCE Cost, \$.....  
 HILLSBOROUGH, San Mateo Co. New residence.

Owner—Withheld.  
 Architect—Farr & Ward, 68 Post St., San Francisco.

#### Low Bidder

RESIDENCE Cost, \$7,500  
 STOCKTON, San Joaquin Co., Calif. Oxford Manor.

Two-story frame and stucco residence (7 rooms, 2 baths and lavatory), tile bath, hardwood floors, gas furnace, steel sash, tile roof.

Owner—J. G. Miller.  
 Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

Low Bidder—Ira R. Dryden, Rt. 4, Box 50-C, Stockton—\$9,800.

#### Plans Being Figured—Bids Close

Jan. 5, 1937, 5 P. M.  
 RESIDENCE Cost, \$.....  
 WOODSIDE, San Mateo Co., Calif.

One-story frame residence (10 rooms, 4 baths) wood exterior, shingle tile roof, gas hot air heating system, oak floors, etc.

Owner—Alston Hayne, Woodside.  
 Architect—G. A. Dailey, 210 Post St., San Francisco.

Following are figuring the plans: G. F. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.

H. H. Larsen, 61 South Park, San Francisco.

A. F. Messer Co., 212 Clara St., San Francisco.

G. H. Meese, P. O. Box 548, Redwood City.

#### Bids Wanted

RESIDENCE Cost, \$20,000  
 Two-story frame and stucco residence (10 rooms, 3 baths), Spanish style, tile roof, tile baths, hardwood floors, oil burning furnace, steel sash, etc.

Owner—Henry Sutliff, care Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Plans and specifications obtainable from the office of the Architect. A deposit of \$5 is required of bidders outside of San Francisco only.

#### Plans Being Figured

RESIDENCE Cost, \$.....  
 HILLSBOROUGH, San Mateo Co.

Two-story frame, oak brick veneer residence (12 rooms, five baths) shingle tile roof, air floors, gas hot air heating system, etc.

Owner—Porter Sesson, Hillsborough.



**Architect**—G. A. Dailey, 210 Post St., San Francisco.  
Plans are being figured only by Suburban Builders, Inc., 1182 Market St., San Francisco.

**Plans Being Revised**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** Darien Way and Manor Drive.  
Two-story frame and stucco residence (7 rooms, 2 baths), composition roofing, gas heating system, wood sash, hardwood floors, tile baths, etc.  
**Owner**—A. D. McLean.  
**Architect**—Vincent Raney, 233 Post.  
New bids will be asked in about two weeks.

**Completing Plans—To Be Done by Day's Work**  
**RESIDENCE** Cost, \$4,000  
**EUREKA,** Humboldt Co., Calif.  
One-story frame residence (5 rooms) all wood exterior, shake roof, floor furnace, tile baths, etc.  
**Owner and Builder**—Lawton Bussman, Eureka.  
**Architect**—D. E. Jaekle, 126 Post St., San Francisco.

**Plans Being Completed**  
**RESIDENCE** Cost, \$8,000  
**SAN FRANCISCO.** Aptos Way north of Ocean Avenue.  
One-story frame and stucco residence (8 rooms, 3 baths) wood sash, tile and composition roof, tile baths and kitchens, hardwood trim, gas and hot air furnace, etc.  
**Owner**—H. M. McChesney, 150 Aptos Way.  
**Architect**—D. E. Jaekle, 126 Post St.  
Upon completion of plans owner will take general bids.

**Bids Opened**  
**RESIDENCE** Cost, \$7,000  
**TURLOCK,** Stanislaus Co., Calif.  
One-story frame and stucco residence (7 rooms, 2 baths) shingle roof, hardwood floors, tile baths, oil furnaces, steel sash, etc.  
**Owner**—A. T. Powell.  
**Architect**—G. N. Hilburn, Bomberger Bldg., Modesto.

**Low Bidder**—D. G. Neil, 177 Columbia St., Turlock.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**BERKELEY,** Alameda Co., Calif. 1084 Creston Ave.  
One-story frame and stucco residence (6 rooms), garage.  
**Owner**—L. L. Hinckley.  
**Architect**—F. L. Conner, 3147 Claremont Ave., Berkeley.  
**Contractor**—Frank A. Stead, 3206 Boise St., Berkeley.

**Completing Plans**  
**RESIDENCE** Cost, \$5,000  
**MEDFORD,** Oregon.  
One-story frame and stucco residence (5 rooms) Monterey style, wood sash, shake roof, wallboard interior finish, gas and hot air heating system, all linoleum floors in baths, etc.  
**Owner**—J. A. Ward, Medford.  
**Architect**—D. E. Jaekle, 126 Post St., San Francisco.

Upon completion of plans general bids will be asked by the owner at Medford. Sub-bids, however, will be received in the architect's office for linoleum and wallboard.

**Plans Being Revised**  
**RESIDENCE** Cost, \$.....  
**SANTA ROSA,** Sonoma Co., Calif.  
Two-story Georgian residence (two baths and lavatory, 3 bedrooms), Johns-Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.  
**Owner**—Dr. Leighton Ray, Santa Rosa.

**Architect**—Mark Daniels, 101 Post St., San Francisco.  
New bids will be asked shortly.

**15— SCHOOLS**

**SUB BIDS WANTED**  
**CROCKETT,** Contra Costa Co., Cal.—A. Nelson, Inc., 242 Ocean Avenue, San Francisco, desires sub bids on all portions of the work for the reconstruction of the John Sweet High School, Crockett, for which bids will be opened Jan. 5, 8:30 p.m.  
Plans prepared by Engineers Devell & Earl, 55 New Montgomery St., San Francisco.

**BIOS WANTED**  
**SAN FRANCISCO.**—Until January 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5384, for general construction, mechanical equipment and plumbing work and electrical work on the auditorium for the Visitation Valley School, to be erected on City property on Schwerin St. between Leland Ave. and Visitation Ave. Auditorium will be reinf. concrete, composition roof, wood floor, seating capacity of 400. Plans prepared by Architects Hyman & Appleton, 68 Post St., and G. Albert Lansburgh, 321 Bush St.

- Bids will be taken as follows:
- (1) General Construction, including mechanical equipment and plumbing and electrical work. Estimated cost, \$43,000. Deposit for plans, \$55.
  - (2) General construction. Estimated cost, \$37,500. Deposit for plans, \$25.
  - (3) Mechanical equipment & plumbing work. Estimated cost, \$5,300. Deposit for plans, \$15.
  - (4) Electrical work. Estimated cost, \$2,000. Deposit for plans, \$15.
- Plans and specifications obtainable from the office of City Architect C. H. Sawyer, Room 265, City Hall.

**CONTRACT AWARDED**  
**LONG BEACH,** Los Angeles Co., Calif.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, awarded general contract by the Long Beach board of education, at \$118,850 (using salvaged materials), for the construction of reinf. concrete cafeteria-assembly hall and physical education building at the Washington Junior high school site. W. Horace Austin, 532 Chestnut Ave., Long Beach, architect.

**Additional Sub Contracts Awarded**  
**BUILDING** Cost, \$2,000,000  
**SAN FRANCISCO.** Tenth and Market Streets.  
Seven-story reinforced concrete hdg. to house Veterans Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).

**Owner**—Capital Co., 625 Market St.  
**Plans by Construction Department of Owner.**  
**Structural Engineer**—L. H. Nishkhan, 525 Market Street.  
**Mechanical Engineer**—Leland & Haley, 58 Sutter Street.  
**Contractor**—Cahill Bros., 206 Sansome Street.

**Mail Chute**—Federal Mail Chute Corporation, Ltd., 16th and San Bruno Streets.  
**Water Paper Chute**—Haslett Spiral Chute Co., 280 Battery St.  
**Ornamental Iron**—McNeill-Steinberg Mfg. Co., 36 Clyde St.  
As previously reported:  
**Miscellaneous Iron**—Monarch Iron Works, 262 7th Street.  
Complete list of sub contracts to date published Nov. 23.

**NEW BIDS WANTED**  
**KERN CO., Calif.**—Until January 7, 1937, 7 p.m., new bids will be received by the Semitropic School District, Jess Arant, Clerk, for the construction of a one-story frame and stucco school building in Kern Co. Plans and specifications obtainable from the office of the Architect, Charles H. Biggar, 554 Haberfelde Building, Bakersfield.  
At previous bid opening, R. Hodgson & Sons, 512 Second St., Porterville, submitted low bid at \$25,900.

**BOND ELECTION**  
**BRYTE,** Yolo Co., Calif.—Bryte Elementary School District will vote on Jan. 15, 1937, on a proposal to issue bonds in the amount of \$8,000, proceeds to help finance construction of a new school auditorium. Total estimated cost \$18,000.

**BIDS WANTED**  
**SANTA BARBARA,** Calif.—Until January 8, 10 a.m., bids will be received by the Santa Barbara High School District for the construction of a frame and stucco Field building at Santa Barbara junior high school, 721 E. Cota St. Estimated cost, \$50,000. Plans and specifications obtainable from the office of the Architects, Soule & Murphy, 116 E. Sola St., Santa Barbara, upon deposit of \$25.

**Plans Being Figured — Bids Close January 18, 2 P. M.**  
**SHOWER & LOCKER ROOMS** Cost, \$.....  
**MODESTO,** Stanislaus County, Calif. (Roosevelt School).  
One-story frame and stucco girls' shower and locker room building (57x70 ft.), reinforced concrete foundations and floors, composition roofing, cement plaster.  
**Owner**—Modesto City Board of Education (E. D. Abbott, Secretary), 14th and I Sts., Modesto.  
**Architect**—John J. Donovan, 950 Parker St., Berkeley.  
Approximately \$14,000 is available for construction.  
Plans and specifications obtainable from the office of the Secretary of the Board upon deposit of \$25.

**Contracts Awarded**  
**ADDITION, ETC.** Cost, \$60,000  
**OAKLAND,** Alameda Co., Cal. Montclair School, Thorn Rd. and Mt. Blvd.; Chabot School, Chabot and Patton Streets; Sherman School, Brann St. and Morcom Avenue.  
New frame auditorium for Montclair School (right side) second floor, maple floor, seat 300; alterations to Chabot School; completion of heating and wiring system; alterations to the Sherman School, completion of heating and wiring system.

**Owner**—Oakland School District.  
**Architect**—Will G. Corlett, Bank of America Bldg., Oakland.  
Grant of 45% of cost approved by the PWA.  
**Montclair School**—Assembly Bldg. Contractor—George Swanson, 1615 7th Ave., Oakland—\$39,225.  
**Chabot School Reconstruction** Contractor—W. F. Lynn, 1037 Ashmount Ave., Oakland—\$7,685.  
**Chabot School Mechanical Work** Contractor—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland—\$4,790. Alt. add \$563.  
**Sherman School Mechanical Work** Contractor—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland—\$4,790.  
**Chabot and Sherman Stage Equip.** Contractor—General Seating Co., 160 2nd St., San Francisco—\$95,92.  
**Montclair School Stage Equipment** Contractor—General Seating Co., 160 2nd St., San Francisco—\$480.46.

**LOW BIDDER**

LOS ANGELES, Calif.—John W. Dahquist, 2310 Duane St., submitted low bid to the Los Angeles board of education, at \$33,600 (main bid, not including alternate), for a one-story reinf. concrete auditorium to be erected at San Gabriel Avenue school, 826 San Gabriel Ave. W. J. Saunders, Architect; Aaron J. Smith, Structural Engineer, and O. W. Ott, Mechanical Engineer.

**Preparing Working Drawings**  
**AUDITORIUM**, Cost, \$110,000  
KING CITY, Monterey Co., Calif.  
New High School Auditorium (to seat 1000).

Owner—King City High School District.  
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Application has been filed with the PWA for a grant of 45%.

**CONTRACT AWARDED**

PALO ALTO, Santa Clara Co., Cal.—Palo Alto Hardware Co., 275 University Ave., Palo Alto, at \$2,464 awarded contract by the Board of Education of the Palo Alto Unified School District for furnishing finish hardware for the Days Starr Jordan Junior High School.

Birge M. and David B. Clark, 310 University Ave., Palo Alto architects.

**BIDS WANTED**

LOS ANGELES, Cal.—Until Jan. 5, 2 P. M., bids will be received by Los Angeles board of education for constructing the central portion of a reinforced concrete administration, science and classroom building at the Abraham Lincoln high school. Plans may be obtained at 1425 San Pedro St. upon deposit of \$25. Cost, \$60,000. Albert C. Martin, 233 Higgins Bldg., architect.

**BIDS WANTED**

ALHAMBRA, Los Angeles Co., Cal.—Until Jan. 8, 2 P. M., bids will be received by Alhambra City School District for the construction of an auditorium and reconstruction of the present auditorium unit at Park School, N. Marengo Ave., Alhambra. Est. cost, \$26,000. Plans prepared by Architect John W. Smart, Alhambra and obtainable at the office of Geo. L. Yelland, Secretary, 308 W. Main St., Alhambra, upon deposit of \$10.00.

**LOW BIDDER**

LONG BEACH, Cal.—Duff & Vandenhogen, 733 W. 14th St., Long Beach, at \$118,850 submitted low bid to the Long Beach board of education for the construction of a reinforced concrete cafeteria-assembly hall and physical education building at Washington Junior high school site. Plans prepared by Architect W. Horace Austin, 532 Chestnut Ave., Long Beach.

**BIDS WANTED**

FONTANA, San Bernardino Co., Cal.—Until Jan. 5, 1:30 P. M., bids will be received by Fontana School District for the construction of a one- and part two-story reinforced concrete Class A auditorium at Fontana Elementary School. Estimated cost, \$72,445. Plans prepared by Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. La Brea Ave., at \$123,970 awarded contract by the Los Angeles board of education for the construction of a girls' reinforced concrete gymnasium and shower rooms and rehabilitation of the boys' gymnasium at University high school, 11,800 Texas Ave., West Los Angeles.

les. A. S. Nibecker, Jr., architect, Los Angeles.

**Bids Opened**

ELEMENTARY SCHOOL \$170,000  
WATSONVILLE, Santa Cruz County, Cal. Palmo and Brexington.

One-story frame and steel and concrete elementary school building (190x205 ft.); 13 classrooms, administration office, auditorium to seat 500; stage, manual training shops, gymnasium, band room etc.) terra cotta, tile and composition roofing, maple floors natural gas individual unit heaters, wood and steel sash.

Owner—Watsonville City School District (T. S. McQuiddy, Supt. of City Schools).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Low Bidder—H. H. Henning, 1751 Berkeley Ave., Stockton.

Complete bids follow:

(A) H. H. Henning, Stockton, \$151,000  
(B) N. J. Nielsen and E. O. Erbrant ..... 156,286

(C) P. T. Wallstrum, Watsonville ..... 166,880  
(D) Monson Bros., Fresno ..... 167,300

(E) A. Nelson, Inc., S. F. .... 172,327

Bids were taken with the following alternates. All figures are deductions except where noted.

	(A)	(B)	(C)	(D)	(E)
(1)	380	750	230	550	422
(2)	70	105	70	90	150
(3)	200	243	190	300	220
(4)	130	131	242	125	151
(5)	40	82	58	50	61
(6)	1020	1100	1035	840	830
(7)	1500	1300	1870	1700	1870
(8)	200	1400	1960	1800	1900
(9)	283	230	242	250	160
(10)	100	342	250	400	290
(11)	250	230	264	250	150
(12)	150	315	31	27	290
(13)	200	210	140	155	195
(14)	100	246	142	255	195
(15)	520	150	100	60	149
(16)	300	782	540	150	1000
(17)	550	493	592	400	570
(18)	200	680	552	450	480
(19)	50	315	200	250	170
(20)	60	260	50	40	48
(21)	180	270	60	50	48
(22)	80	491	360	10	55
(23)	225	290	150	250	150
(24)	100	162	100	90	117
(25)	30	70	30	50	65
(26)	100	175	158	175	140
(27)	850	680	755	550	750
(28)	1400*	1554*	1300*	1450*	1900*
(29)	3200	4000	4057	3300	3058
(30)	160	80	150	50	95
(31)	1000*	530*	385*	2300*	2000*
(32)	1000*	1240*	385*	1650*	1500*
(33)	1900	19600	17953	14500	19850
(34)			150*	50*	253*

\* Addition

A grant of \$71,290 has been allotted by the PWA.

**Band Election**

SCHOOL ..... Cost, \$150,000  
WOODLAKE, Tulare Co., Calif.  
Frame and stucco high school (classrooms, library, study hall and auditorium to seat 600).

Owner—Woodlake Un. High School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Woodlake High School District will vote December 30 on a proposal to issue bonds in the amount of \$30,000 to assist in financing construction of high school. Insurance money, paid on recent fire loss, is available in the amount of \$53,000 and application has been made for a PWA grant of \$67,000.

**NO BIDDERS**

PITTSBURG, Contra Costa Co., Calif.—No bids were received on December 22 by the Pittsburg Unified

School District, Armand Stow, Clerk of the Board of Trustees, for the purchase of the one-story frame building located at 454 E. Eighth St., Pittsburg.

**16—BANKS, STORES AND OFFICES**

Roofing Sub-Contract Awarded  
WAREHOUSE AND OFFICES ..... Cost, \$200,000

SAN FRANCISCO, SW Beale and Polson Streets.

Four-story and basement, mezzanine floor warehouse and office bldg. (157x170 ft.) one freight and one passenger elevator, steam heating system, etc.

Owner—Coffin-Redington Co., 401 Mission Street.

Architect—F. H. Meyer, Kohl Bldg.

Engineer—L. H. Nishkian, 525 Market Street.

Contractor—Cabill Brothers, 206 Sansome Street.

Roofing—J. W. Bender Co., 1999 Bryant Street.

Complete sub-contracts awarded to date published Nov. 16.

Planned  
STORE BLDG. .... Cost, \$30,000

SACRAMENTO, Sacramento Co., Cal. Eighth Street between J and K.

Modern store building.

Owner—Chas. M. Campbell Estate.

Agent—Elliott & Huston, 1010 Eighth St., Sacramento.

Architect—Not Given.

Plans Being Figured—Bids Close  
January 8, 4 P. M.

ALTERATIONS ..... Cost, \$25,000  
SAN JOSE, Santa Clara Co., Calif.

NE Corner First and San Carlos.

Remodel ground floor of three-story building (new terrazzo floors, 4 new entrances); new kitchen and restroom on second floor, etc.

Owner—H. Ray Fry, Wilcox Building, San Jose.

Architects—Milton A. Anderson and Alvan E. Norstrom, 608 Transamerica Bldg., Los Angeles.

Bids will be received from the following selected list of contractors.

Henry A. Bridges, 1398 Lincoln Ave., San Jose.

George L. Honore, 136 Race Street, San Jose.

Bert Ward, 1139 Lincoln Ave., San Jose.

Contract Awarded  
STORE BUILDING ..... Cost, \$10,000

NAPA, Calif., Main St.

One-story reinf. concrete store bldg. Owner—Schwarz Estate.

Plans by C. Leroy Hunt, 989 2nd St., Napa.

Contractor—J. H. Vienop, R.F.D. 2, Box 2284, Napa.

FIRE LOSS  
SACRAMENTO, Cal.—Fire yesterday destroyed the W. T. Grant Department Store, 722 K Street, with damage estimated at \$100,000, and the F. W. Woolworth Department Store 718 K Street, at a loss of \$50,000.

Sub-Contracts Awarded  
OFFICE BUILDING ..... Cost, \$.....

SAN FRANCISCO, 210 Sansome St.

Four-story reinforced concrete office building to be constructed when wrecking of present building.

Owner—Louis R. Lyle.

Lessee—Maryland Casualty Co. Architects—Wm. D. Feugh, 333 Montgomery Street.

Contractor—Cabill Brothers 206 Sansome Street.

Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts.

Roofing—J. W. Bender Co., 1999 Bryant Street.

Lathing and Plastering—L. Bosen, 167 Fifth Avenue.  
 Mill—Lannom Bros. Mfg. Co. Fifth and Magalla Sts., Oakland.  
 Steel Windows—Truscon Steel Co., 604 Mission St.  
 Electric Work—Decker Elec. Const. Co., 533 Bryant Street.  
 Glass Center—Hardware and Glass Co., 400 Fourth St.  
 Linoleum—D. A. Pancoast Co., 557 Market St.  
 Metal Partitions and Doors—Lwan & Co., 126 Post St.  
 A. previously reported, wrecking awarded Symon Bros., 1435 Market Street.

#### COMPLETING PLANS

SAN DIEGO, Calif.—Architect Frank L. Hope, Jr., 1008 San Diego Trust & Savings Bldg., San Diego, has prepared plans for a two-story reinforced concrete commercial building, to be built on the northeast corner of Twelfth Ave. and Broadway, San Diego. Cost, \$65,000.

#### REVISING PLANS

LOS ANGELES, Calif.—Architects A. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., are revising plans for a three-story and basement reinforced concrete office building to be built on the SE corner of Wilshire Blvd. and Rimpau Ave., for the Farmers' Automobile Insurance Exchange, Wm. Simpson Construction Co., Architects' Bldg., are the general contractors. Estimated cost \$250,000.

#### Plans Completed

DEPO—Cost, \$500,000  
 SAN FRANCISCO, Fourth St. and Pioneer Place.

Two-story and basement steel and concrete railway and bus terminal (29,000 sq. ft.) first floor—ticket concourse, waiting rooms, rest rooms for men and women, loading and unloading platforms and bus driveway areas; second floor: offices and baggage rooms basement: company garage, mechanical facilities, heating plant.  
 Owner—Santa Fe Railway Co., 114 Sansome Street.  
 Plans by Engineering Dept. of Owner (H. L. Gilman, Architect); M. C. Blanchard, Chief Engineer; Kerckhoff Bldg., 121 E Eighth St., Los Angeles.  
 Plans and specifications will be sent out to a selected list of contractors.

Contract Awarded  
 STORE BUILDING Cont. Pr., \$15,426  
 MARTINEZ, Contra Costa Co., Calif. Ferry St.  
 One-story concrete store building (52 x104 ft.); will contain 3 stores.  
 Owner—Joe Colombo, Martinez.  
 Architect—Thomas M. Edwards, 9 Geary St., San Francisco.  
 Contractor—Elmer J. Freethy, 224 16th St., Richmond.

#### PREPARING PLANS

CULVER CITY, Los Angeles Co., Calif.—Architect Claud Beelman, 1019 Union Bank Bldg., is preparing plans for a three-story wood frame office building (97,000 sq. ft.) to be built at the Metro-Goldwyn-Mayer studio in Culver City. Estimated cost, \$650,000.

Contract Awarded  
 STORE BUILDING Cost, \$9,000  
 SACRAMENTO, Calif. 2749 11th St.  
 One-story store building.  
 Owner—F. C. Chinn, % Contractor.  
 Architect—Not Given.  
 Contractor—L. L. Watson, 1168 11th Ave., Sacramento.

Plans Being Prepared  
 OFFICE BLDG. Cost, \$8,000  
 GRASS VALLEY, Nevada Co., Calif.

Two-story frame and concrete office building.  
 Owner—Finance Co., Grass Valley.  
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.  
 A call for bids will be issued within one week.

Bids In Today  
 STORE BLDG. Cost, \$.....  
 BERKELEY, Alameda County, Calif. Hearst Ave. and Ridge Road.  
 One-story frame store building.  
 Owner—Henry Schwartz, 13th and Broadway, Oakland.  
 Lessee—Hagstrom's Food Stores, Inc. Architect—E. T. Foulkes, 357 12th St., Oakland.

Plans were figured by a selected list of contractors.

Bids In—Held Under Advisement  
 STORE Cost, \$250,000  
 SANTA ROSA, Sonoma Co., Calif. D and Fourth Sts.  
 Two-story steel frame and reinforced concrete department store building (30 departments); complete air conditioning equipment, electric plant.  
 Owner—Fred Rosenberg, Santa Rosa. Architect—Hertzka & Knowles, 369 Pine St., San Francisco.  
 Announcement shortly.

## 18—WHARVES & DOCKS

#### NOTICE TO BIDDERS

REDWOOD CITY, San Mateo Co., Calif.—Award of a contract for construction of terminal facilities at Redwood City Harbor may be deferred until the City annexes adjoining waterfront. The Council plans to proceed, however, with opening of bids as scheduled, January 4, for construction of a timber wharf and timber frame transit shed. Complete list of bid items published Dec. 9.

## 19—MISC. CONSTRUCTION

#### LOW BIDDER

LOS ANGELES, Calif.—Miller-Saunders Co., 7278 Melrose Ave., submitted low bid to Twentieth Century-Film Corp., 10290 Orton Ave., West Los Angeles, for three steel frame sound stages (11-A, 11-B and 16), to be built at the company's studios in West Los Angeles. J. A. Barlow, structural engineer.

Contract Awarded  
 ADDITION AND ALTERATIONS Cost, \$35,000  
 SAN FRANCISCO, 777 Valencia St.  
 Additions and alterations to existing mortuary building (new chapel, slumber rooms, lobby, offices, service rooms).  
 Owner—Gantner & Mason, 777 Valencia Street.  
 Architect—Chas. F. Strothoff, 2274 15th Street.  
 Contractor—Carlen Construction Co., 666 Mission St.

Planned  
 STILLIS Cost, \$300,000  
 OLEUM, Contra Costa Co., Calif.  
 Two tubular stills of 15,000 barrels per day capacity.  
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.

Plans by Engineering Department of Owner  
 Bid will be asked and construction started in about one month

#### PLANNED

SPOKANE, Wash.—The Washington Water Power Co., J. E. E. Royer, vice-president and general chairman of the company, contemplates expenditure of \$1,250,000 in 1937. The major item in the program will be con-

struction of 50 miles of 60,000-110,000-volt lines from Moscow to Orofino and erection of substation at Orofino to provide duplicate service and increased capacity to entire Grangeville region. Replacements scheduled include a line from Magnesian substation to Colville, Wilbur to Hartline and Diamond to St. John, and new 60,000-volt line to be built from Hartline to Almira. A new substation will be built at Spokane and Almira. Included in the budget is \$100,000 for meters and metering equipment and funds for rural electrification.

#### LOW BIDDER

SAN FRANCISCO—Hanson Bros., 5840 Mission St., at \$50 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5309 for moving the Letterman Club House, in the Presidio at Lyon Street and Gorgas Avenue, to a new location approximately 75 feet south and 225 feet west. Only other bid submitted by D. J. and T. Sullivan, San Francisco, at \$92,300. Recommendation was made that contract be awarded low bidder.

#### BIDS WANTED

SAN JOAQUIN Co., Calif.—Until Jan. 18, 11 a.m., bids will be received by the County of San Joaquin, Eugene D. Graham, County Clerk, for constructing a Ferry Tender's house at the Clifton Court Ferry on the Contra Costa County side of Old River, about 12 miles northwest of Tracy and 7 miles southeast of Byron. Plans and specifications obtainable from the office of the County Clerk upon deposit of \$10.

#### BIDS WANTED

GLENDALE.—Until January 7, 10 a.m., bids will be received by the Glendale city council for construction of 22 miles of 34,500-volt, 3-phase transmission lines. Spec. No. 187 may be obtained from the superintendent of the public service department upon deposit of \$25, not returnable. Certified check, 10%, must accompany bid. G. E. Chapman, city clerk. The transmission line will connect the Glendale electrical system to the substation to be erected by the Los Angeles Department of Water and Power in North Hollywood. The estimated cost of the transmission line is \$100,000.

Contract Awarded  
 CHIMNEY Cost, \$.....  
 SELBY, Contra Costa Co., Calif.  
 Reinforced concrete chimney (600 ft. high).

Owner—American Smelting & Refining Co., 405 Montgomery St., San Francisco.

Plans prepared by the Engineering Department of Owner.

Contractor—Alphons-Custodis Chimney Constr. Co., New York City.

## 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

SACRAMENTO.—J. H. Baxter, 333 Montgomery St., San Francisco, at \$6,993.64, f.o.b. Seattle, awarded contract by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-27-6, for furnishing coal tar crossote treated, 8-lb absorption railroad ties

#### CONTRACT AWARDED

OAKLAND, Calif.—Pacific States Cast Iron Pipe Co., Bialto Bldg., at \$6,700 submitted low bid and awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 825, for furnishing 10,000

lf. of 6-inch cast iron pipe.

U. S. Pipe & Supply Co. at \$7.780 submitted the only other bid.

#### BIDS OPENED

**SAN FRANCISCO**.—American Bitumuls Co., 200 Bush St., at 1,732.18, submitted the only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1713, for furnishing:

- (1) 500 gals. emulsified asphalt for binder—\$0.2725 per gal.
- (2) 510 gals. emulsified asphalt for wearing coat—\$0.5725 per gal.

The material is for use on the Golden Gate Park Tennis Courts (a WPA project).

#### BIDS OPENED

**SAN FRANCISCO**.—Union Metal Co., 7 Front St., at \$180.50 each, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1714, for furnishing fifty 22-ft. two-light metal standards.

Taper Tube Pole Co., at \$184.25 each, submitted the only other bid.

#### BIDS OPENED

**SAN FRANCISCO**.—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 888-37-110, for furnishing 4,000 c.y. of ready-mixed concrete for use in the construction of Seacoast Defenses at Fort Funston:

San Francisco Gravel Co.—\$8.60 per c.y., for Class "A"; \$5.45 per c.y. for Class "B"; bid modified by stipulation that the Engineer Office guarantee a proper road to the jobsite; maximum output, 55 yards.

John Cassaretto, S. F.—\$9.12, for Class "A"; \$8.62 for Class "B"; bid modified by stipulation that the Engineer Office provide a road to the jobsite.

#### CONTRACT AWARDED

**OAKLAND, Alameda Co., Calif.**—Underground Constr. Co., 6 Alvarado Road, Berkeley, awarded contract by the Pacific Telephone & Telegraph Co., 1545 Franklin St., Oakland, Mr. Paulsen, Division Engineer, for the installation of conduit line in the west side of San Pablo Ave. between 17th St. and Peralta Avenue, Oakland.

The work will involve:

- (1) 8,063 lf. 8-in. vitrified clay conduit;
- (2) Construction of 12 manholes.

#### CONTRACT AWARDED

**OAKLAND, Alameda Co., Calif.**—M. G. West Co., 170 Franklin Street, Oakland, at \$32,985, submitted low bid and awarded contract by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, for furnishing metal furniture and steel shelving for the Recorder's office.

Rucker-Fuller Co., at \$34,655, submitted the only other bid.

#### CONTRACT AWARDED

**PYRAMID LAKE, Nev.**—McCormick Supply Co., 461 Market Street, San Francisco, was awarded contract by the U. S. Indian Irrigation Service, Los Angeles, at \$94.12, for furnishing 39,773 FBM Douglas fir select structural lumber, job bidder's shipping point for Pyramid Lake Project, Nev. Federal Project No. 603, Invitation No. 0359. The competitive bids were:

McCormick Supply Co., San Francisco, \$94.12, job Quille, Ore. Discount, 2%, 10 days.

Cascade Cargo Sales Corp., Seattle, \$94.31, job Seattle. Discount 2% 10 days.

#### BIDS OPENED

**BURBANK, Los Angeles Co., Cal.**—Bids for furnishing and delivering creosoted poles for the use of the public service department, Spec. No. 106, were opened by the Burbank city manager December 22.

The items are:

- (1) 30 35-ft. poles, Class 3;
- (2) 30 40-ft. poles, Class 3;
- (3) 110 50-ft. poles, Class 3;
- (4) 10 55-ft. poles, Class 3;
- (5) 10 60-ft. poles, Class 3.

The bids were:

Graybar Electric Co.: (1) \$495.90; (2) \$591; (3) \$297.70; (4) \$315.10; (5) \$360.40.

J. H. Baxter & Co.: (1) \$410.50; (2) \$561; (3) \$285.50; (4) \$316; (5) \$347.50.

Joslyn Co.: (1) \$470.47; (2) \$594.59; (3) \$3209.51; (4) \$363.81; (5) \$447.63.

Pan-Pacific Piling & Const. Co.: (1) \$519.75; (2) \$606; (3) \$2667.50; (4) \$329.85; (5) \$324.

The bids were referred to the superintendent of public service with power to award the contract.

#### CONTRACT AWARDED

**WATSONVILLE, Santa Cruz Co., Calif.**—U. S. Pipe & Foundry Co., 907 Monadnock Bldg., San Francisco, at \$2,805, submitted low bid and awarded contract by the Watsonville City Council, M. M. Swisher, City Clerk, City Hall, for furnishing 2,000 lf. 6-in. centrifugal cast-iron bell and spigot pipe, Class 150, and 3,000 lf. 4-in. centrifugal cast-iron bell and spigot pipe, Class 150, in 16-ft. or 18-ft. lengths.

Delivery f.o.b. Watsonville via truck.

Complete bids follow:

U. S. Pipe & Foundry Co., San Francisco	\$2,805
American Cast Iron Pipe Co., San Francisco	2,834
Pacific States Cast Iron Pipe Co., San Francisco	2,850
Grinnell Co., San Francisco	3,020

#### BIDS OPENED

**BURBANK, Los Angeles Co., Cal.**—Bids for furnishing and delivering creosoted cross arms for the use of the Public Service Department, Spec. No. 105, were opened by the Burbank City Manager, Dec. 22.

The items are:

- (1) 400 transmission cross arms, 9 ft., 2-arm;
- (2) 300 distribution cross arms, 9 ft., 2-arm;
- (3) 300 distribution cross arms, 8 ft.;
- (4) 60 distribution cross arms, 11 ft.

The bids were:

Maywell & Hartzell: (1) \$523.20; (2) \$392.40; (3) \$315.50; (4) \$86.28; 2% 30 days.

Joslyn Co.: (1) \$598.50; (2) \$448.88; (3) \$369.90; (4) \$95.73; 1% 30 days.

Graybar Electric Co.: (1) \$598; (2) \$481.80; (3) \$400.50; (4) \$103.05; 1% 10 days.

#### BIDS OPENED

**BURBANK, Los Angeles Co., Cal.**—Bids for furnishing 34,500 - volt, wound type current transformers for outdoor use were opened by the Burbank city manager Dec. 22.

The items are:

- (1) 15 150-300/5 ampere;
- (2) 12 100-200/5 ampere.

The transformers may be porcelain spool type enclosed in oil or similar. Spec. No. 107.

The bids were:

General Electric Co.: (1) \$1496.80 job factory, \$211.30 job Burbank; (2) \$376.24 job factory; \$4021.20 job Burbank. Delivery 10 to 12 weeks.

Westinghouse Electric & Mfg. Co.: Job Burbank, (1) \$5059.05; (2) \$8,903.75. Delivery, 55 days.

George Honn: (1) \$224.60 each (alternate) \$234.33 job factory, \$250.23 each (alternate); \$262.60 job Burbank; (2) \$224.55 each (alternate)

\$234.33 job factory, \$252.23 (alternate) \$262.60 job Burbank. Delivery six weeks.

#### BIDS OPENED

**SAN MATEO**.—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-143, for furnishing two dredge spuds:

Chas. R. McCormick, S. F.—\$295 each; total, \$590.

Endreson & Spar Timber Co., Aberdeen—\$2.75 each; total, \$550.

#### CONTRACTS AWARDED

**SAN FRANCISCO**.—Art Concrete Works, 24th and Adeline Sts., Oakland, at \$8,150, and the Forni Mfg. Co., 1379 62nd St., Oakland, at \$750, awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1705, for furnishing concrete meter boxes, concrete frames, and concrete lids for meter boxes.

#### BIDS OPENED

**PASADENA, Los Angeles Co., Cal.**—Bids for furnishing 57,000 ft. of cast-iron bell and spigot water pipe were opened by the Pasadena City Council December 28.

Bids were taken as follows:

- (1) 30,000 ft. 6-in. for service under 150 lbs. water pressure;
- (2) 1,000 ft. 6-in. for service under 250 lbs. water pressure;
- (3) 20,000 ft. 8-in. for service under 150 lbs. water pressure;
- (4) 6,000 ft. 12-in. for service under 200 lbs. water pressure.

F.o.b. water department yard in not less than 16-ft. lengths, to be coated inside and out coal tar pitch varnish.

The bids were:

U. S. Pipe & Foundry Co.—(1) \$0.68; (2) \$0.755; (3) \$1.03; (4) \$1.63; total, \$53,515. Delivery, 60 days after settlement of marine strike.

National Cast Iron Pipe Co.—(1) \$0.69; (2) \$0.77; (3) \$1.02; (4) \$1.99; total, \$53,810. Delivery, 60 days after settlement of marine strike.

American Cast Iron Pipe Co.—(1) \$0.70; (2) \$0.78; (3) \$1.04; (4) \$2.02; total, \$54,700. Delivery, 60 days after settlement of marine strike.

Marked and San Fernando Streets, San Jose.

#### BIDS OPENED

**SAN FRANCISCO**.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 3080, for furnishing Columbia marble partitions, stiles, lobby wainscot bases, and panels, for use on WPA project, Job. Old Post Office Building, Market and San Fernando Streets, San Jose.

American Marble Co., Swift Ave., South San Francisco—\$493; net; delivery in 14 days.

Joseph Musto Sons-Keenan Co., San Francisco—\$494.70; discount, 1% 20 days; 2% 30 days; delivery now.

Ray Cook Marble Co.—\$549; net; delivery, 30 days.

Vermont Marble Co., San Francisco—\$596; net.

Eisele & Dondero Marble Co., San Francisco—\$591.50; 2% 20 days; delivery, 30 days.

#### WHAT HAVE YOU TO SELL?

**MANUFACTURERS** Agent can handle several additional good items in electric supply or appliance field. Reply Box 301, care Daily Pacific Builder

# MACHINERY & MATERIAL

Big calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., for furnishing miscellaneous materials for use on WPA projects, as follows:

January 5, 10 A. M.

**BID NO. 3093**—600 tons quarry run rock screenings and 50 tons birds-eye rock; f.o.b. Richmond City Trucks, bidder's plant.

**BID NO. 3092**—75 c.y. ready-mixed concrete; f.o.b. Seminary Ave. and Mauritania Ave., Oakland.

**BID NO. 3094**—12,000 gals. emulsified asphalt; f.o.b. tank car, Corporation Yard No. 6, 13th St., Richmond.

January 6, 10 A. M.

**BID NO. 3095**—150 c.y. ready-mixed concrete; f.o.b. Seminary Avenue and Mills College, Oakland.

**BID NO. 3096**—611 sacks portland cement; f.o.b. car, Corp. Yd. No. 6, 13th St., Richmond.

**BID NO. 3097**—12,500 gals. emulsified asphalt; f.o.b. tank car, Corp. Yd. No. 6, 13th St., Richmond.

January 7, 10 A. M.

**BID NO. 3091**—110 tons natural rock asphalt; f.o.b. Dracena Park, Blain and Dracena Sts., Piedmont.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until January 7, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3090, for the rental of one air compressor, 315 cu. ft. per min. air delivery, for use on WPA projects.

Delivery f.o.b. 1155 Page St., San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

January 4, 10 A. M.

**BID NO. 3073**—Corrugated metal pipe and fittings; f.o.b. Kenilworth and Mitchell Aves., San Leandro.

Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Until January 14, 10:30 a.m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3212, for furnishing miscellaneous supplies and equipment, including: Magnetic Switch and Drum Switch (for Air Holders, Pressure Gauges, Rivet Punches, Circular Saws, Band Saws, Gas Hose, Asbestos Gaskets, Packing (Asbestos), Sheet Rubber, Flax, Cotton and Hard Fiber), Rubbing Felt, Asbestos Mill-board, Silver Anodes, and Aluminum-oxide Abrasive Cloth.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**PANAMA CANAL ZONE.**—Until January 13, 10:30 a.m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal,

Washington, D. C., under Schedule No. 3214, for furnishing 60,000 bbls. of Butler "C" fuel oil.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**PANAMA CANAL ZONE.**—Until January 11, 10:30 a.m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3211, for furnishing miscellaneous supplies and equipment, including: Sensitive Drill Presses, Wire Rope, Boiler Tubes, Cast-Iron Pipe Fittings, Twist Drills, Hand Taps, Files, Wrenches (Socket, Structural and Tap), Scythe Blades and Sheaths, Hand Shovels, Glass, Custom-er Stands, Cocoa-fiber Mats, Leather Belting, Harness Leather, Strap Leather, Curtain Fasteners, Anthracite Coal, Magnesia-asbestos Plaster, Insulating Switch Oil, Electric Detonators, and Photo Dryer Outfit and Heater.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**PANAMA CANAL ZONE.**—Until January 12, 10:30 a.m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3213, for furnishing 20,000 bbls. of portland cement.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## RECLAMATION BUREAU

**CASPER-ALCOVA PROJECT,** Wyoming.—Until January 15, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 853-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, Wyoming, one portable oil purifier with a capacity of 300 gals. per hour; and one filter-paper drying oven for installation in the Seminoe power plant, Casper-Alcova project, Wyoming. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**SALT RIVER PROJECT,** Arizona.—Until January 15, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 853-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Phoenix, two 72-inch diam. welded plate-steel outlet pipes for installation in the outlet works at the Bartlett Dam, Salt River Project, Arizona.

The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.50, not returnable.

**SALT RIVER PROJECT,** Arizona.—Until January 18, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 854-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Phoenix, three 6-ft. by 7-ft. 6-in. high-pressure gate assemblies for installation in the slide-gate outlets at

the Bartlett Dam, Salt River Project, Arizona. The gate assemblies will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.75, not returnable.

**BOISE PROJECT,** Idaho.—Until January 14, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 853-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Emmett, Idaho, structural steel for the railroad bridge at Station 5 plus 32.61 of the Black Canyon Canal, Payette division, Boise Project, Ida. All of the materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.50, not returnable.

## WAR DEPARTMENT

**SACRAMENTO.**—Until January 5, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, U. S. Engineer Office, 298 Post Office Bldg., Sacramento, under Bid No. 1105-37-139, for furnishing 5,000 ft. standard hoisting rope of uncoated plain steel; 6 strands, 47 wires to the strand; independent wire rope core.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

**FORT MASON.**—Until January 6, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot Fort Mason, under Bid No. 928-37-211, for furnishing fuses, storage batteries, truck parts, hose assemblies, bicycle parts, motorcycle parts, electrical materials, etc.

Materials are for shipment to the Hawaiian Quartermaster Depot, Honolulu.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND.**—Until January 6, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

**BID NO. 4182**—25 mi. No. 12 AWG copper-covered steel telephone line wire; f.o.b. Russellville, Arkansas.

**BID NO. 4183**—598 pcs. corrugated steel sheets and 70 ft. ridge roll; f.o.b. bidder's shipping point and/or Placerville.

Specifications obtainable from the above office.

**GOVERNMENT ISLAND.**—Bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

January 7, 2 P. M.  
**BID NO. 4185**—Gasoline pump and storage units, f.o.b. bidder's shipping point and/or various shipping points.

January 12, 2 P. M.  
**BID NO. 4187**—Ripper boom and detachable points, shovel adapters, and tools, etc.; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav.	31—Pipe Lines and Irrigation Proj.
23—Wrighton Proj.	32—Sewers & Sewage Disposal Plants
24—St. Light Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Railroads	35—Tunnels
27—Fire Alarm Sys.	
28—Fire Equipment	
29—Streets & Highways	

## 21— BRIDGES

### BIDS OPENED

PACIFIC CO., Wash.—Teufel & Carlson, Skinner Bldg., Seattle, at \$230,884, submitted low bid to L. V. Marrow, Director of Highways, Olympia, for the construction of a vertical lift steel bridge with treated pile and timber approach on about 0.2 mile of State Road No. 12, Naselle River Bridge, Pacific County.

Complete total bids follow:  
Teufel & Carlson, Seattle.....\$220,884  
Ralph A. Bell, Portland.....242,821  
Mirene Co., Portland.....244,441  
MacRae Bros., Seattle.....254,797  
M. P. Butler, Seattle.....282,513  
Bids held under advisement.

### BIDS WANTED

STATE OF WASHINGTON—Until January 12, 10 a. m., bids will be received by L. V. Marrow, Director of Highways, Olympia, for bridge construction as follows:

Benton and Franklin Counties—Re-decting and painting the existing bridge between Kennewick and Pasco on State Road No. 3, involving about 629 cu. y. of concrete, 415,000 lbs. of structural carbon steel, 201,500 lbs. of steel reinforcing bars, 3 MFMB of untreated timber and lumber, and other items.

Walla Walla County—Widening six bridges on State Road No. 3, Walla Walla to Wallula, involving about 733 cu. y. of concrete, 106,000 lbs. of steel reinforcing bars, 3,040 linear feet of precast concrete piling, and other items.

Plans and specifications obtainable from the above office upon deposit of \$2 per set.

### BIDS WANTED

WASHO CO., Nevada.—Until Jan. 14, 2 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of the Sierra Street Bridge across the Truckee River in the City of Reno. The work involves:

- (1) 2,000 cu. roadway excav.
- (2) 2,300 cu. struct. excav.
- (3) 0.025 mi. finishing roadway;
- (4) 945 cu. Class 'A' concrete;
- (5) 261 cu. Class D concrete;
- (6) 554 lf. concrete railing;
- (7) 115,000 lbs. reinforcing steel;
- (8) 270,000 lbs. structural steel;
- (9) 4 lf. 18-in. CMP;
- (10) 250 lbs. steel castings;
- (11) Lump sum, remove dam;
- (12) Lump sum, lighting equipment.

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

### BIDS WANTED

WASHO CO., Nevada.—Until Jan. 14, 2:30 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of the Lake St. Bridge across the Truckee River in the City of Reno.

- The work involves:
- (1) 2,090 cu. roadway excav.
  - (2) 1,200 cu. structure excav.
  - (3) 0.029 mi. finish roadway;
  - (4) 610 cu. Class A concrete;
  - (5) 622 cu. Class D concrete;
  - (6) 328 lf. concrete railing;
  - (7) 172,000 lbs. reinforcing steel;
  - (8) 18,000 lbs. structural steel;
  - (9) Lump sum, lighting equipment;
  - (10) Lump sum, move buildings.

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

### CONTRACT AWARDED

TUOLUMNE CO., Cal.—Booker & Stephenson, Jamestown, at \$1,961.86 submitted low bid and awarded contract by the Tuolumne County Board of Supervisors, C. A. Dambacher, Clerk, Sonora, for the construction of a concrete "T" beam bridge over Blanket Creek on Sharrow-Wards Ferry Road, Road District No. 3, involving:

- (1) SIX 18-in., 55-lb., 30-ft. steel "I" beams (9900 lbs.);
- (2) 750 sq. ft. expanded steel;
- (3) 4 steel bars, 1½ in. square, 30 ft. long, 918 lbs.;
- (4) 45 cu. y. concrete (5-2½-1) mix;
- (5) 195 cu. y. concrete (4-2-1) mix;
- (6) 60 ft. 2-in. galvanized pipe railing;
- (7) 15 cu. y. excavation.

Total bids follow:  
Booker & Stephenson, Jamestown.....\$1,961.86  
F. Kaus, Stockton.....2,031.00  
Silver & Ghiorso, Sonora.....2,075.34  
W. Buck & Sons, Stockton.....2,349.55  
Garbarini & Orselli, Berkeley.....3,751.08  
R. D. Strauch, county surveyor.

### CONTRACT AWARDED

TUOLUMNE CO., Cal.—Booker & Stephenson, Jamestown, at \$3,757.49 submitted low bid and awarded contract by the Tuolumne County Board of Supervisors, C. A. Dambacher, Clerk, Sonora, for the construction of a concrete "T" beam bridge (40 ft. clear span) over Rock River on the Rock River Road, District No. 5, about two miles south of Keystone, involving:

- (1) 12,778 lbs. reinforcing steel;
- (2) 1,173 lbs. structural steel;
- (3) 107 sq. ft. 2-in. galvanized pipe railing;

## CAPITAL CITY TITLE COMPANY

J. C. PALEN.

Manager

914 Seventh Street

Sacramento :: California

- (4) 615 cu. y. concrete (3-2-1) mix;
- (5) 437 cu. y. concrete (4-2-1) mix;
- (6) 682 cu. y. concrete (5-2½-1) mix

Total bids follow:  
Booker & Stephenson, Jamestown.....\$3,737.49  
F. Kaus, Stockton.....3,805.08  
Silver & Ghiorso, Sonora.....4,215.42  
W. Buck & Sons, Stockton.....4,585.75  
Garbarini & Orselli, Berkeley.....5,576.92  
R. D. Strauch, county surveyor.

### CONTRACT AWARDED

MONTEREY CO., Calif.—E. T. Leasure, 87 Ross Circle, Oakland, at \$42,517.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a steel beam bridge with concrete deck across Castro Canyon, about 35 mi. south of Monterey, consisting of one 51-ft. span, two 50-ft. spans, and two 42-ft. spans.

### CONTRACT AWARDED

TUOLUMNE CO., Cal.—Silver and Ghiorso, Sonora, at \$1,066.51 submitted low bid and awarded contract by the Tuolumne County Board of Supervisors, C. A. Dambacher, Clerk, Sonora, for the construction of a corrugated arch bridge over Wood's Creek on Saw Mill Flat to Yankee Hill Road, District No. 2, involving:

- (1) 131.1x28.1-in., 1-gauge corrugated multi-plate arch;
  - (2) 30 cu. y. concrete (4-2-1) mix;
  - (3) 14 cu. y. excavation.
- Total bids follow:  
Silver & Ghiorso, Sonora.....\$1,066.51  
Booker & Stephenson, Jamestown.....1,158.00  
F. Kaus, Stockton.....1,221.00  
W. Buck & Sons, Stockton.....1,350.50  
Garbarini & Orselli, Berkeley.....1,787.00  
R. D. Strauch, county surveyor.

### BIDS OPENED

SAN FRANCISCO CO.—C. C. W. & H. H. Haun, 666 Mission St., at \$2,885, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,955, for the reconstruction and repair of the Sixth Street bridge over Channel Street Waterway.

The work involves removal of debris, closing streets, constructing new timber deck and bulkhead, including new railway, traffic gate, bearing plates, and painting.

Complete bids follow:  
C. C. W. & H. H. Haun.....\$2,886  
Harry A. Cohen.....2,920  
F. C. Amoroso & Sons.....3,198  
Mills Const. Co.....4,235  
Barrett & Hillip.....4,265  
Frank J. Reilly Co.....4,351  
The bid of Healy-Tibbitts Constr. Co. was not accompanied by a check, so was not declared.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### CONTRACT AWARDED

EUGENE, Oregon.—R. J. Hillstrom, Marshfield, at \$10,960 awarded contract by the Public Works Officer, Puget Sound Navy Yard, under Spec. No. 8346, for the construction of a retaining wall and groin at the Naval Radio Station, Eugene.

### BID OPENING POSTPONED

NAPA CO., Calif.—Until January 12, 3 p. m., date postponed from December 28, previously reported, bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House,

San Francisco, under Bid No. 863-37-85, for dredging and disposing of about 171,141 cu. y. of material in Napa River.

The work has been divided into four sections, as follows:

**Section "A"**—Dredging the channel in Napa River, from a point about 200 ft. northerly from Buoy 3, near Goodluck Point, upstream for a distance of about 1,000 ft., 100 ft. wide on the bottom, to a depth of 10 feet at mean lower low water (mud);

**Section "B"**—Dredging an area about 1,050 ft. long and of a maximum width of about 150 ft. on the bottom, located in and adjoining the channel in Napa River, at Horse-shoe Bend, to a depth of 10 ft. at mean lower low water (mud and gravel);

**Section "C"**—Dredging an area about 1,220 ft. long and of a maximum width of about 200 ft. on the bottom located in and adjoining the channel in Napa River, at Carr Bend, to a depth of 10 ft. at mean lower low water (mud, clay and gravel);

**Section "D"**—Dredging the channel in Napa River, from a point about 1,000 ft. downstream from the Napa Tannery Wharf upstream for a distance of about 630 ft. to the Third St. Bridge, 75 feet wide on the bottom to a depth of 10 ft. at mean lower low water, with a widening for a length of about 900 ft. from the bend opposite the said Tannery Wharf to and around Jack's Bend, so as to make a total channel width of from 150 feet to 250 feet on the bottom in said section, 10 ft. deep at mean lower low water; (chan-nel: mud, gravel, and trash; and widening: clay, gravel, loam, and trash).

Plans and specifications obtainable from the above office.

#### BIDS OPENED

**YERBA BUENA SHOALS**—Martin Murphy, 1441 Marin Ave., Berkeley, at \$11 per cu. y., total \$770, submitted the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 863-37-108, for the excavation of a test pit on Yerba Buena Fairsite, in vicinity about 55 cu. y. of excavation at Milton A. Purdy, Oakland, at \$3.75 per cu. y., total \$2,956.25, submitted the only other bid.

#### CONTRACT AWARDED

**SAN FRANCISCO**—Duncanson-Hanson Co., 1404 de Young St., at \$3,718, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,989, for the construction of timber dolphins at the Third Street Bridge over Islais Creek Water Way.

#### 24—STREET LIGHTING

##### NEW BIDS WANTED

**SAN FRANCISCO**—Until January 7, 3 p.m., new bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electrical Power Bureau Contract No. 18, for the construction of a street lighting system on Anza St., from Parker Ave. to Arguello Blvd. The work involves:

- (1) 9 electroliths, complete;
- (2) 1,050 ft. 1½-in. primary cable;
- (3) 3,000 ft. primary cable;
- (4) 4 pull boxes.

All bids received December 10 have been rejected. Lowest bid was submitted by the Electric Power Bureau at \$2,425.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10.

#### 25—MACHINERY AND EQUIPMENT

##### BIDS OPENED

**LOS ANGELES**—Bids for furnish-ing transformer radiators were opened by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, December 25.

The items were:

- (1a) 108 transformer radiators, f.o.b. cars bidders' shipping point;
- (1b) 108 transformer radiators, f.o.b. cars or trucks, 1620 N. Main St.
- (1 Alt. Aa) 108 transformer radiators with blowers, etc. f.o.b. cars bidders' shipping point;
- (1 Alt. Ab) 108 transformer radiators with blowers, etc. f.o.b. 1630 N. Main St.

- (1 Alt. Ba) transformer radiators best suited on bidder's option, f.o.b. cars bidder's shipping point;
- (1 Alt. Bb) transformer radiators best suited on bidder's option, f.o.b. cars or trucks, 1620 N. Main St.

The bids were:

- (1a) Pennsylvania Transformer Co., \$20,498; (1b) \$21,421; (1 Alt. Aa) \$19,960; (1 Alt. Ab) \$20,700; (1 Alt. Ba) \$18,100; (1 Alt. Bb) \$19,600; (1 Alt. C) suggested by bidder \$18,200 and \$19,000. Shipping point, No. Side Pittsburgh Pa. Shipping point, \$19,720 lbs. net, \$3,000 lbs. test, \$5,900 lbs. test, \$5,500 lbs. test. Terms net 30.
- Moloney Electric Co., (1a) \$16,775; (1b) \$16,950; (1 Alt. Aa) \$21,375; (1 Alt. Ab) \$22,200; (1 Alt. Ba) \$22,575; (1 Alt. Bb) \$24,095. Shipping point, St. Louis, Mo. Shipping point, \$15,900 lbs. net, \$2,700 lbs. test, \$1,500 lbs. test. Terms net.

##### BIDS OPENED

**SACRAMENTO**—P. A. Hart, Broderick, at \$1,560, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-112, for the rental of a tow boat, as follows:

- (1) Operated by the contractor at \$1,560; four shift basis, 20 hrs. \$1,110.
- (2) Operated by the contractor on an hourly basis, 40 hours, \$120.

##### BIDS OPENED

**YAKIMA**—PROVOST WOOD, P.O. Box 10, Yakima, submitted the Bid for Reclamation Work on House Diver, under Bid No. 577-D, for furnishing (1) one 5085-D, rated 275 and (2) one 27,000 lb. crane, 27 ft. high, for installation on the House Diver, at the Kachess Dam, Yakima Project, Wash.

Lakeside Bridge & Iron Works, Milwaukee, at \$2,775; (2) \$2,110; (3) and (4) \$4,790; (5) \$2,110; (6) \$2,110 net, (7) \$1,747; (8) \$2,110; (9) \$2,110 net.

Pekrul Iron Works, Detroit, at \$1,535; (2) \$1,535; (3) \$2,110; (4) \$2,110.

Commercial Boiler Works, Seattle, at \$1,535; (2) \$2,270; (3) \$2,270; (4) \$2,270; (5) \$2,270; (6) \$2,270; (7) \$2,270; (8) \$2,270; (9) \$2,270; (10) \$2,270; (11) \$2,270; (12) \$2,270; (13) \$2,270; (14) \$2,270; (15) \$2,270; (16) \$2,270; (17) \$2,270; (18) \$2,270; (19) \$2,270; (20) \$2,270; (21) \$2,270; (22) \$2,270; (23) \$2,270; (24) \$2,270; (25) \$2,270; (26) \$2,270; (27) \$2,270; (28) \$2,270; (29) \$2,270; (30) \$2,270; (31) \$2,270; (32) \$2,270; (33) \$2,270; (34) \$2,270; (35) \$2,270; (36) \$2,270; (37) \$2,270; (38) \$2,270; (39) \$2,270; (40) \$2,270; (41) \$2,270; (42) \$2,270; (43) \$2,270; (44) \$2,270; (45) \$2,270; (46) \$2,270; (47) \$2,270; (48) \$2,270; (49) \$2,270; (50) \$2,270; (51) \$2,270; (52) \$2,270; (53) \$2,270; (54) \$2,270; (55) \$2,270; (56) \$2,270; (57) \$2,270; (58) \$2,270; (59) \$2,270; (60) \$2,270; (61) \$2,270; (62) \$2,270; (63) \$2,270; (64) \$2,270; (65) \$2,270; (66) \$2,270; (67) \$2,270; (68) \$2,270; (69) \$2,270; (70) \$2,270; (71) \$2,270; (72) \$2,270; (73) \$2,270; (74) \$2,270; (75) \$2,270; (76) \$2,270; (77) \$2,270; (78) \$2,270; (79) \$2,270; (80) \$2,270; (81) \$2,270; (82) \$2,270; (83) \$2,270; (84) \$2,270; (85) \$2,270; (86) \$2,270; (87) \$2,270; (88) \$2,270; (89) \$2,270; (90) \$2,270; (91) \$2,270; (92) \$2,270; (93) \$2,270; (94) \$2,270; (95) \$2,270; (96) \$2,270; (97) \$2,270; (98) \$2,270; (99) \$2,270; (100) \$2,270.

Boyle Pipe & Welding, Seattle, at \$1,535; (2) \$2,270; (3) \$2,270; (4) \$2,270; (5) \$2,270; (6) \$2,270; (7) \$2,270; (8) \$2,270; (9) \$2,270; (10) \$2,270; (11) \$2,270; (12) \$2,270; (13) \$2,270; (14) \$2,270; (15) \$2,270; (16) \$2,270; (17) \$2,270; (18) \$2,270; (19) \$2,270; (20) \$2,270; (21) \$2,270; (22) \$2,270; (23) \$2,270; (24) \$2,270; (25) \$2,270; (26) \$2,270; (27) \$2,270; (28) \$2,270; (29) \$2,270; (30) \$2,270; (31) \$2,270; (32) \$2,270; (33) \$2,270; (34) \$2,270; (35) \$2,270; (36) \$2,270; (37) \$2,270; (38) \$2,270; (39) \$2,270; (40) \$2,270; (41) \$2,270; (42) \$2,270; (43) \$2,270; (44) \$2,270; (45) \$2,270; (46) \$2,270; (47) \$2,270; (48) \$2,270; (49) \$2,270; (50) \$2,270; (51) \$2,270; (52) \$2,270; (53) \$2,270; (54) \$2,270; (55) \$2,270; (56) \$2,270; (57) \$2,270; (58) \$2,270; (59) \$2,270; (60) \$2,270; (61) \$2,270; (62) \$2,270; (63) \$2,270; (64) \$2,270; (65) \$2,270; (66) \$2,270; (67) \$2,270; (68) \$2,270; (69) \$2,270; (70) \$2,270; (71) \$2,270; (72) \$2,270; (73) \$2,270; (74) \$2,270; (75) \$2,270; (76) \$2,270; (77) \$2,270; (78) \$2,270; (79) \$2,270; (80) \$2,270; (81) \$2,270; (82) \$2,270; (83) \$2,270; (84) \$2,270; (85) \$2,270; (86) \$2,270; (87) \$2,270; (88) \$2,270; (89) \$2,270; (90) \$2,270; (91) \$2,270; (92) \$2,270; (93) \$2,270; (94) \$2,270; (95) \$2,270; (96) \$2,270; (97) \$2,270; (98) \$2,270; (99) \$2,270; (100) \$2,270.

H. B. L. & Co., Seattle, at \$1,535; (2) \$2,270; (3) \$2,270; (4) \$2,270; (5) \$2,270; (6) \$2,270; (7) \$2,270; (8) \$2,270; (9) \$2,270; (10) \$2,270; (11) \$2,270; (12) \$2,270; (13) \$2,270; (14) \$2,270; (15) \$2,270; (16) \$2,270; (17) \$2,270; (18) \$2,270; (19) \$2,270; (20) \$2,270; (21) \$2,270; (22) \$2,270; (23) \$2,270; (24) \$2,270; (25) \$2,270; (26) \$2,270; (27) \$2,270; (28) \$2,270; (29) \$2,270; (30) \$2,270; (31) \$2,270; (32) \$2,270; (33) \$2,270; (34) \$2,270; (35) \$2,270; (36) \$2,270; (37) \$2,270; (38) \$2,270; (39) \$2,270; (40) \$2,270; (41) \$2,270; (42) \$2,270; (43) \$2,270; (44) \$2,270; (45) \$2,270; (46) \$2,270; (47) \$2,270; (48) \$2,270; (49) \$2,270; (50) \$2,270; (51) \$2,270; (52) \$2,270; (53) \$2,270; (54) \$2,270; (55) \$2,270; (56) \$2,270; (57) \$2,270; (58) \$2,270; (59) \$2,270; (60) \$2,270; (61) \$2,270; (62) \$2,270; (63) \$2,270; (64) \$2,270; (65) \$2,270; (66) \$2,270; (67) \$2,270; (68) \$2,270; (69) \$2,270; (70) \$2,270; (71) \$2,270; (72) \$2,270; (73) \$2,270; (74) \$2,270; (75) \$2,270; (76) \$2,270; (77) \$2,270; (78) \$2,270; (79) \$2,270; (80) \$2,270; (81) \$2,270; (82) \$2,270; (83) \$2,270; (84) \$2,270; (85) \$2,270; (86) \$2,270; (87) \$2,270; (88) \$2,270; (89) \$2,270; (90) \$2,270; (91) \$2,270; (92) \$2,270; (93) \$2,270; (94) \$2,270; (95) \$2,270; (96) \$2,270; (97) \$2,270; (98) \$2,270; (99) \$2,270; (100) \$2,270.

Welder-Apprentice, Seattle, at \$1,535; (2) \$2,270; (3) \$2,270; (4) \$2,270; (5) \$2,270; (6) \$2,270; (7) \$2,270; (8) \$2,270; (9) \$2,270; (10) \$2,270; (11) \$2,270; (12) \$2,270; (13) \$2,270; (14) \$2,270; (15) \$2,270; (16) \$2,270; (17) \$2,270; (18) \$2,270; (19) \$2,270; (20) \$2,270; (21) \$2,270; (22) \$2,270; (23) \$2,270; (24) \$2,270; (25) \$2,270; (26) \$2,270; (27) \$2,270; (28) \$2,270; (29) \$2,270; (30) \$2,270; (31) \$2,270; (32) \$2,270; (33) \$2,270; (34) \$2,270; (35) \$2,270; (36) \$2,270; (37) \$2,270; (38) \$2,270; (39) \$2,270; (40) \$2,270; (41) \$2,270; (42) \$2,270; (43) \$2,270; (44) \$2,270; (45) \$2,270; (46) \$2,270; (47) \$2,270; (48) \$2,270; (49) \$2,270; (50) \$2,270; (51) \$2,270; (52) \$2,270; (53) \$2,270; (54) \$2,270; (55) \$2,270; (56) \$2,270; (57) \$2,270; (58) \$2,270; (59) \$2,270; (60) \$2,270; (61) \$2,270; (62) \$2,270; (63) \$2,270; (64) \$2,270; (65) \$2,270; (66) \$2,270; (67) \$2,270; (68) \$2,270; (69) \$2,270; (70) \$2,270; (71) \$2,270; (72) \$2,270; (73) \$2,270; (74) \$2,270; (75) \$2,270; (76) \$2,270; (77) \$2,270; (78) \$2,270; (79) \$2,270; (80) \$2,270; (81) \$2,270; (82) \$2,270; (83) \$2,270; (84) \$2,270; (85) \$2,270; (86) \$2,270; (87) \$2,270; (88) \$2,270; (89) \$2,270; (90) \$2,270; (91) \$2,270; (92) \$2,270; (93) \$2,270; (94) \$2,270; (95) \$2,270; (96) \$2,270; (97) \$2,270; (98) \$2,270; (99) \$2,270; (100) \$2,270.

Portland Electric, Portland, at \$1,535; (2) \$2,270; (3) \$2,270; (4) \$2,270; (5) \$2,270; (6) \$2,270; (7) \$2,270; (8) \$2,270; (9) \$2,270; (10) \$2,270; (11) \$2,270; (12) \$2,270; (13) \$2,270; (14) \$2,270; (15) \$2,270; (16) \$2,270; (17) \$2,270; (18) \$2,270; (19) \$2,270; (20) \$2,270; (21) \$2,270; (22) \$2,270; (23) \$2,270; (24) \$2,270; (25) \$2,270; (26) \$2,270; (27) \$2,270; (28) \$2,270; (29) \$2,270; (30) \$2,270; (31) \$2,270; (32) \$2,270; (33) \$2,270; (34) \$2,270; (35) \$2,270; (36) \$2,270; (37) \$2,270; (38) \$2,270; (39) \$2,270; (40) \$2,270; (41) \$2,270; (42) \$2,270; (43) \$2,270; (44) \$2,270; (45) \$2,270; (46) \$2,270; (47) \$2,270; (48) \$2,270; (49) \$2,270; (50) \$2,270; (51) \$2,270; (52) \$2,270; (53) \$2,270; (54) \$2,270; (55) \$2,270; (56) \$2,270; (57) \$2,270; (58) \$2,270; (59) \$2,270; (60) \$2,270; (61) \$2,270; (62) \$2,270; (63) \$2,270; (64) \$2,270; (65) \$2,270; (66) \$2,270; (67) \$2,270; (68) \$2,270; (69) \$2,270; (70) \$2,270; (71) \$2,270; (72) \$2,270; (73) \$2,270; (74) \$2,270; (75) \$2,270; (76) \$2,270; (77) \$2,270; (78) \$2,270; (79) \$2,270; (80) \$2,270; (81) \$2,270; (82) \$2,270; (83) \$2,270; (84) \$2,270; (85) \$2,270; (86) \$2,270; (87) \$2,270; (88) \$2,270; (89) \$2,270; (90) \$2,270; (91) \$2,270; (92) \$2,270; (93) \$2,270; (94) \$2,270; (95) \$2,270; (96) \$2,270; (97) \$2,270; (98) \$2,270; (99) \$2,270; (100) \$2,270.

Virginia Bridge Co., Roanoke; (1) \$1,590; f.o.b. Memphis; net.

Commercial Iron Works, Portland; (1) no bid; (2) \$1,955; f.o.b. Portland; net.

Bedford Foundry & Machine Co., Bedford, Ind.; (1) no bid; (2) \$2,977.50; f.o.b. Bedford; net.

Steady Schmidt Mfg. Co., York, Pa.; (1) \$2,532; (2) \$2,008; (1 and 2) \$4,349; f.o.b. York; net.

Foote Bros. Gear & Machine Corp., Chicago; (1) no bid; (2) \$4,300; f.o.b. Chicago; net.

John W. Beam, Denver; (1) \$1,075; (2) no bid; f.o.b. Chicago; discount, 2 1/2%.

General Iron & Steel Works, Portland; (1) no bid; (2) \$2,445; f.o.b. Portland; net.

##### BIDS OPENED

**SACRAMENTO**—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-114, for the rental of air compressors, as follows:

- (1) Furnishing and operating one portable air compressor, for use at the Narrows Dam site; 900 hrs.
- (2) Furnishing and operating one portable air compressor, for use at the North Fork Dam site; 400 hours.

Western Machinery Co.—(1) Narrows Dam Site: Equipment with electric starter; (a) 200 hrs. and over per month, \$1.53 per hour; (b) 160 to 199 hours, \$1.90; (c) 140 to 159 hours, \$2.00; (d) 120 to 139 hours, \$2.55; (e) 100 to 119 hours, \$3.04. Equipment without electric starter: (a) \$1.24; (b) \$1.55; (c) \$1.77; (d) \$2.15; (e) \$2.48. (2) North Fork Dam Site: Equipment with electric starter: (a) \$1.50; (b) \$2.25; (c) \$2.57; (d) \$3.00; (e) \$3.50. Equipment without electric starter: (a) \$1.24; (b) \$1.55; (c) \$1.77; (d) \$2.15; (e) \$2.48. F.o.b. Auburn and Smartsville.

W. E. Cowen, San Francisco—(1) operator for 194 hours, \$200; compressor, \$250 per month; (2) compressor, \$225 per month; delivery 1 lb. Marysville and Auburn.

Leitch & Co., San Francisco—(1) \$225 per hour, 1 lb. Marysville; (2) \$247; f.o.b. Auburn.

A. Baker, Sacramento—(1) \$1.50, 1 lb. Marysville; no bid on item (2).

Louis Rosenberg, S. F.—(1) \$3.40, 1 lb. Marysville; no bid on item (2).

W. S. Machinery Co., Sacramento—(1) \$1.85, 1 lb. Marysville; (2) \$1.85, 1 lb. Auburn.

S. M. Bates Co., Oakland—(1) \$1.76; (2) \$1.84; 1 lb. Marysville and Auburn.

R. McGowan, Inc., S. F.—(1) \$1.90, 1 lb. Marysville; no bid on item (2).

W. H. Hart & Son, Inc., Sacramento—(1) \$1.85; (2) \$1.85.

##### BIDS OPENED

**SACRAMENTO**. Bids for furnishing and operating one dragline excavator with truck, grading and miscellaneous work at various places along the Colusa River from Colusa to the mouth. Bids were opened by the District Engineer's office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-150.

The bids were as follows:

(1) Rate per hour for the dragline bucket is actually work excavating material estimated at 300 hours.

(2) Rate per hour for the dragline bucket is held idle for work estimated at 250 hours.

(3) Rate per hour for the dragline from job to job, estimated at 300 hours.

(4) Cost of delivering the dragline to the U. S. at Wilson's Slough, and removal therefrom by the contractor upon termination of the contract.

Complete bids follow:  
 E. C. Costa, Crocker (1) \$3; (2) \$5;  
 (3) \$5; (4) no bid; equipment  
 having a 60-ft. boom, 125-hp. motor  
 and 1½-yd. bucket.  
 Ajax Dredging Co., San Francisco—  
 (1) \$5; (2) \$3.50; (3) \$5; (4) no  
 bid.

**BIDS OPENED**

**LOS ANGELES**—Bids for furnish-  
 ing an electric mine hoist for use at  
 the Cabazon shaft of the San Jacinto  
 Tunnel of the Colorado River Aqueduct,  
 were opened by the Metropolitan  
 Water District, Los Angeles, Decem-  
 ber 28, under Spec. No. 182. The  
 bids were:

Nordberg Mfg. Co., 846 Subway  
 Terminal Bldg., Los Angeles, \$40,710.  
 f.o.b. cars, Milwaukee, Wis.; use tax,  
 \$1221.30; shipping weight, 210,000 lbs.;  
 erecting engineer, \$15 day.

Ottumwa Iron Works, Ottumwa,  
 Iowa, \$37,500, f.o.b. cars Ottumwa,  
 Iowa; no use tax; discount 1% of 1%,  
 10 days; shipping weight, 255,000 lbs.;  
 erecting engineer, \$16 day.

Allis-Chalmers Mfg. Co., 458 South  
 Spring St., Los Angeles—\$50,515, f.o.b.  
 cars, Milwaukee, Wis.; use tax, \$1-  
 515.45; shipping weight, 208,500 lbs.;  
 erecting engineer, \$20 day.

**BIDS OPENED**

**SAN FRANCISCO**—Sam Bates Co.,  
 1925 Dennison, Oakland, at \$82 per  
 month, submitted low bid to the  
 Procurement Office, Treasury Dept.,  
 Room 514, 49 Fourth St., San Fran-  
 cisco, under Bid No. 3061, for the  
 rental of concrete hoisting equip-  
 ment, including 20-hp. single-drum  
 gas hoist with 4-cylinder water-  
 cooled engine capable of lifting 2750  
 lbs., hoist tower, bucket, etc., f.o.b.  
 Park Meadows, 34th and Lincoln  
 Sts., San Francisco, for use on WPA  
 projects.

Complete bids follow:  
 Sam Bates Co., Oakland—\$82 per mo.,  
 net.

Adam Arras, San Francisco—\$99.50,  
 net.  
 Edward R. Bacon Co., San Francisco  
 —\$127.50, net.

Contractors Machinery Exchange,  
 Oakland—\$127.50, net.  
 A. L. Young Machinery Co., Inc., San  
 Francisco—\$320, net.

**BIDS OPENED**

**SAN FRANCISCO**—Adam Arras,  
 4005 18th St., San Francisco, at \$4.94  
 per month, submitted low bid to the  
 Procurement Office, Treasury Dept.,  
 Room 514, 49 Fourth St., San Fran-  
 cisco, under Bid No. 3062, for the  
 rental of four concrete cars, 6 cu. ft.  
 capacity with pneumatic-tired wheels  
 with Elmken bearings, f.o.b. Park  
 Meadows, 34th and Lincoln Sts., San  
 Francisco, for use on WPA projects.

Complete bids follow:  
 Adam Arras, S. F.—\$4, net.  
 Edward R. Bacon, S. F.—\$7.50, net.  
 Contractors Machinery Exchange,  
 Oakland—\$9, net.  
 Harron, Rickard & McCone, S. F.—  
 \$9.95, net.

M. B. McGowan, Inc., S. F.—\$10.00,  
 net.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Crowley  
 Launch & Turgoat Co., Pier 14, at  
 \$15 per hour, submitted the only bid  
 received by the U. S. Engineer Of-  
 fice, Lieut.-Col. J. A. Dorst, District  
 Engineer, Custom House, under Bid  
 No. 568-37-109, for the lease of one  
 diesel or gasoline engine powered  
 by full crew, for use in transport-  
 ing passengers between Pier 34,  
 San Francisco, and Government pipe-  
 line dredges on Yerba Buena Shoals  
 Project. The boat shall have a ca-  
 pacity of 125 passengers.

**BIDS OPENED**

**DEL NORTE CO., Calif.**—Follow-  
 ing bids received by the Procurement

Office, Treasury Department, Room  
 514, 49 Fourth St., under Bid No.  
 3064, for the rental of one 60-80-hp.  
 tractor with bulldozer, crawler type,  
 f.o.b. Resighini Road, near Klamath,  
 Del Norte County:

W. E. Gilmore & Son—\$6 per hour;  
 net.

Paul Teibb—\$6 per hour; discount,  
 3% 20 days; 2% 30 days.

**29—STREETS AND HIGH-  
 WAYS**

**LOW BIDDERS**

**COCHISE COUNTY, Ariz.**—Phoen-  
 ix-Tempe Stone Co., P. O. Box 1665  
 Phoenix, at \$26,028 submitted low bid  
 to the Arizona State Highway Com-  
 mission, Phoenix, for highway con-  
 struction on the Benson-Douglas  
 Highway (Bisbee streets) RA 11-B  
 (1937) AFE 8003. The work, which  
 is located within the city limits of  
 Bisbee consists of resurfacing and  
 widening about one-third of a mile  
 of existing pavement with cut-back  
 asphaltic plant mix, and is to be  
 completed on or before April 30.

The work involves:  
 425 cu. yd. roadway excav.;  
 315 cu. yd. structural excav.;  
 126 cu. yd. class A concrete;  
 12,500 lbs. reinf. steel;

One lump sum bulkhead hand  
 rail;

3,500 sq. ft. concrete sidewalk;  
 925 ft. single curb;  
 755 ft. single curb;  
 755 l.f. special road guard;  
 1,000 lin. ft. treated timber header  
 boards;  
 1,570 sq. yds. grading for oil cake;  
 1,400 tons plant mix;  
 90 tons plant mix seal coat;

**SAN FRANCISCO—RICHARDSON AVENUE—(City)**

**SAN FRANCISCO**—A. G. Raich,  
 DeHaro St., at \$45,799.35 submit-  
 ted low bid to the Department of  
 Public Works, City Hall, under Spec.  
 No. 18,994, for the construction of  
 Richardson Ave. from Broderick St.  
 to Lyon St.

Total bids follow:  
 The work involves:  
 (1) 6000 cu. yd. excavation;  
 (2) 69,600 sq. ft. asphalt-concrete  
 pavement (8x1½x14-in.);  
 (3) 10,700 sq. ft. 8-in. concrete pave-  
 ment;  
 (4) 30,200 sq. ft. asphalt-concrete  
 pavement (6x2-in.);  
 (5) 2,355 l.f. white concrete curb (un-  
 armored);  
 (6) 1,444 l.f. 12-in. V.C. pipe sewer;  
 (7) 245 l.f. 10-in. V.C. pipe culvert;  
 (8) 125 l.f. 6-in. V.C. pipe side sewer;  
 (9) 19 each, 12x6-in. V.C.P. Y or T  
 branches;  
 (10) 9 each, brick manholes;  
 (11) 7 each, brick catchbasins;  
 (12) 1 only, low-pressure hydrant  
 (relocated);

64 tons cut-back asphalt.  
 Lewis Bros. Contractors, Phoenix,  
 submitted the second low bid at \$27-  
 158.

**CONTRACT AWARDED**

**SAN JOSE, Santa Clara Co., Calif.**—  
 Union Paving Co., 618 Call Bldg.,  
 San Francisco, at \$61,500.59, award-  
 ed contract by the San Jose City  
 Council, John J. Lynch, City Clerk,  
 for the paving and resurfacing of  
 Fourth Street, between Rosa and  
 Reed Streets.

**CONTRACTS AWARDED**

**LOS ANGELES, Calif.**—Contracts  
 for resurfacing trenches on various  
 pipe line unit under Spec. X-78,  
 were awarded by the Los Angeles  
 Water and Power Commission, Dec.  
 22 as follows:

P. J. Akmadzich, (1) \$14,527.10,  
 L. A. Paving Co., (2) (3) and (4)  
 \$133,502.18,  
 Griffith Co., (5) to (8) inclusive,  
 \$16,214.25.

**NOTICE TO BIDDERS**

**IMPERIAL CO., Calif.**—A repre-  
 sentative of the District Office will  
 accompany prospective bidders over  
 the proposed project in Imperial Co.,  
 between Calexico and 3.1 miles east-  
 erty, road XI-Imp-202-C, Clx.C. for  
 which bids are to be received in Los  
 Angeles on January 14, 1937.

Said representative will meet prospective  
 bidders at Beanza Hotel, Calexico,  
 on Monday, January 4 and  
 II, at 2:00 p.m.

Prospective bidders are urged to  
 cooperate with the District Office  
 and arrange to make their field in-  
 spection on the above dates.

- (13) Lump sum, high pressure hydrant (relocated);
  - (14) 1,550 l.f. combined curb and 1-ft. gutter (white);
  - (15) 43 tons asphaltic concrete binder;
  - (16) 62 tons asphaltic concrete wearing surface;
  - (17) Lump sum, electrical work;
  - (18) 18,000 sq. ft. concrete sidewalk (two course);
  - (19) 3,000 l.f. painting 4-in. traffic lines;
  - (20) 2,500 l.f. painting 8-in. traffic lines;
  - (21) 10 arterial stop signs (reflector type);
  - (22) 24 3-in. red warning reflectors.
- (A) A. G. Raich ..... \$45,799.35  
 (B) Pacific States Const. Co. .... \$6,499.05  
 (C) Eaton L. Harney ..... 48,288.75  
 (D) Mills Const. Co. .... 48,855.70  
 (E) Chas. & Smith ..... 51,611.30  
 (F) M. J. Lynch ..... 57,667.40  
 (G) E. J. Treacy ..... 60,380.40

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
\$ 0.55	\$ 0.55	\$ 0.50	\$ 0.58	\$ 0.55	\$ 0.50	\$ 1.00	\$ 1.00
1	28	29	31	305	333	37	344
2	26	24	28	26	28	30	299
3	22	22	23	23	25	26	305
4	55	55	65	65	60	50	1.00
5	1.50	1.60	1.50	1.30	1.50	1.10	1.90
6	1.10	1.00	1.00	1.25	1.30	1.10	1.50
7	.80	.80	1.00	1.00	1.00	1.00	1.00
8	3.50	3.60	1.50	1.10	3.00	2.00	3.00
9	70.00	70.00	90.00	70.00	100.00	90.00	105.00
10	75.00	70.00	71.00	80.00	100.00	85.00	95.00
11	100.00	60.00	40.00	50.00	75.00	50.00	100.00
12	180.00	500.00	400.00	250.00	500.00	200.00	450.00
13	85	1.00	.72	1.15	1.00	1.25	1.30
14	4.20	4.50	4.50	4.50	5.00	4.50	5.00
15	4.50	4.50	5.00	4.50	6.00	5.00	5.00
16	3850.00	4300.00	3855.00	4050.00	3700.00	4500.00	4055.00
17	12	135	13	125	14	14	18
18	0.25	0.3	0.25	0.4	0.2	0.3	0.3
19	0.4	0.5	0.65	0.6	0.6	0.6	0.6
20	15.00	8.50	25.00	30.00	10.00	15.00	7.50
21	1.25	2.00	5.00	5.00	1.50	6.00	1.00



**NOTICE TO BIDDERS**

**STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.**

A blue line print of the sheet of the plans, showing the general location of the work, will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on January 13 and in Los Angeles on January 14:

1-Hum-1-J—Bet. Trinidad and McNeill's Ranch; bids open Jan. 13; PLANS (No. of Sheets), 9; cost, 90¢; CROSS-SECTIONS (No. of Sheets), 40; cost, \$4.00; total, \$4.90.

XI-Imp-202-CX-C.—Bet. Calexico and Mt. Sater; bids open Jan. 14; PLANS (No. of Sheets), 15; cost, \$1.50; CROSS-SECTIONS (No. of Sheets), 52; cost, \$5.20; total, \$6.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

**CONTRACT AWARDED**

**ALAMEDA CONTR. COSTA Cos., Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$208,713, awarded contract by the Board of Directors of Joint Highway District No. 13, under Schedule "G," for the completion of the approach to the Broadway Low Level Tunnel.**

Wallace B. Boggs, chief engineer.

**BIDS WANTED**

**PACIFIC CO., Wash.—Until January 12, 10 a.m., bids will be received by L. V. Morrow, Director of Highways, Olympia, for paving with portland cement concrete on about 8.7 mi. of State Road No. 12, Globe to Cramer's Crossing, involving about 18,230 c.y. of excavation, 61,364 sq. yds. of portland cement concrete pavement, 50 tons of Type I-1 asphaltic concrete, 501 linear feet of pipe culverts, and other items.**

Plans and specifications obtainable from the above office upon deposit of \$2 per set.

**CONTRACTS AWARDED**

**STATE OF WASHINGTON.—Bids for highway construction were opened by L. V. Morrow, Director of Highways, Olympia, and contracts awarded as follows:**

**Thurston County—Clearing, grading, and draining about 12 mi. of State Road 1, Olympia South, involving about 8 a. clearing; 135,570 c.y. excav.; 2,130 c.y. sawdust and slab excavation; 12 c.y. concrete; 755 c.y. crushed stone surfacing; 662 ft. cast-iron pipe; 3,077 ft. pipe culvert, etc.**

**Awarded: Northwest Constr. Co., Inc., 3850 Sixth Ave. N.W., Seattle—\$42,248.12.**

**Grays Harbor County—Clearing, grading, draining, surfacing with crushed stone, and construction of four reinforced concrete bridges on about 0.6 mi. of State Road 9, Oakville to Elma, involving about 2 a. clearing; 17,830 c.y. excav.; 4,100 c.y. selected roadway borrow; 1190 c.y. selected stone surfacing; 1650 c.y. concrete; 362,500 lbs. steel reinforcing bars; 900 ft. structural steel; 536 ft. pre-cast concrete piling; 60 ft. pipe culvert, etc.**

**Awarded: Olympic Pipeline Driving Co., 1208 Franklin St., Port Townsend—\$89,995.45.**

**Adams and Lincoln Counties—Manufacturing and stockpiling mineral**

**aggregates and constructing bituminous macadam Class D penetration type surfacing on about 23.1 miles of State Road 11, Sprague to Ritzville, involving about 3900 c.y. crushed stone surfacing for shoulders; 29,550 c.y. mineral aggregates for bituminous macadam; 2170 tons bituminous cement, etc.**

**Awarded: G. D. Lyons & Co. and J. C. Compton, 225 Hutton Bldg., Spokane—\$128,949.50.**

**Pacific County—Clearing, grading, draining and paving with portland cement concrete and asphalt concrete Type I-1 on about 13 mi. of State Road 12, South Bend East, involving about 6030 c.y. excav.; 9550 c.y. ballast; 380 c.v. crushed stone surfacing;**

**and 9355 sq. yds. cement concrete, and 2250 tons asphaltic concrete pavement, 1367 ft. pipe culvert, etc.**

**Awarded: Goetz & Brennan, 914 Seaboard Bldg., Seattle—\$72,485.23.**

**CONTRACT AWARDED**

**SAN FRANCISCO.—Thomas Gallagher, 913 28th St., at \$1,050 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,950 for the improvement of sidewalks on the northerly half of Balboa Street between Third Ave. and 12 ft. east, and in 45 other locations, involving approximately 5,600 sq. ft. of 1-course concrete sidewalk.**

**RAILROAD SIPHONS—BOULDER CANYON—(Govt.)**

**ALL-AMERICAN CANAL.—Lewis-Chambers Constr. Co., 801 Baronne Bldg., New Orleans, La., at \$106,528.50, submitted the lowest of sixteen bids received by the Bureau of Reclamation, Yuma, R. B. Williams, Consulting Engineer, under Spec. No. 713, for the construction of railroad and highway siphons on the All-American Canal, Stations 3579, 3683, 3710, and 3772, All-American Canal System, Boulder Canyon Project. The work is located near Calxico. The work involves:**

**SCHEDULE NO. 1**

Calxico-Yuma Highway Siphon. Station 3575 plus 33.54

- (1) 8500 c.y. excav. for structure;
- (2) 5100 c.y. backfill about struct.;
- (3) 4200 c.y. puddling or tamping backfill about structure;
- (4) 975 c.y. concrete in floor slabs of transitions;
- (5) 195 c.y. concrete in floor slabs of transitions;
- (6) 170,500 lbs. placing reinf. bars;
- (7) 250 sq. yds. dry rock paving;
- (8) 123 lf. installing rubber seals;
- (9) 345 sq. ft. installing molded elastic joint material.

**SCHEDULE NO. 2**

Imperial Ave. Siphon, Station 3683 plus 73

- (10) 9000 c.y. excav. for structure;
- (11) 5300 c.y. backfill about struct.;
- (12) 3500 c.y. puddling or tamping backfill about structure;
- (13) 904 c.y. concrete in structure;
- (14) 180 c.y. concrete in floor slabs of transitions;

- (15) 172,450 lbs. placing reinf. bars;
- (16) 250 sq. yds. dry rock paving;
- (17) 144 lf. installing rubber seals;
- (18) 345 sq. ft. installing molded elastic joint material.

**SCHEDULE NO. 3**

Railroad and Highway Siphon, Station 3710 plus 33

- (19) 10,600 cu. yds. excav. for struct.;
- (20) 7300 cu. yds. backfill about structure;
- (21) 5500 cu. yds. puddling or tamping backfill about structure;
- (22) 1755 cu. yds. concrete in struct.;
- (23) 180 cu. yds. concrete in floor slabs of transitions;
- (24) 383,450 lbs. placing reinf. bars;
- (25) 250 sq. yds. dry rock paving;
- (26) 144 lf. installing rubber seals;
- (27) 345 sq. ft. installing molded elastic joint material.

**SCHEDULE NO. 4**

Calxico-Seeley Highway Siphon, Station 3772 plus 20

- (28) 9300 c.y. excav. for structure;
- (29) 6300 c.y. backfill about struct.;
- (30) 4500 c.y. puddling or tamping backfill about structure;
- (31) 1053 c.y. concrete in structure;
- (32) 180 c.y. concrete in floor slabs of transitions;
- (33) 292,000 lbs. placing reinf. bars;
- (34) 250 sq. yds. dry rock paving;
- (35) 144 lf. installing rubber seals;
- (36) 345 sq. ft. installing molded elastic joint material.

The four low bids follow:

	(1)	(2)	(3)	(4)	Total
A. Lewis-Chambers Constr. Co.	\$22,787.00	\$21,512.50	\$37,026.50	\$24,902.50	\$106,528.50
B. Hoeland Engr. & Constr. Co.	23,843.00	22,862.20	39,228.20	25,935.00	111,892.40
C. Sharp & Fellows Constr. Co.	24,153.60	23,114.70	28,509.30	26,171.30	111,948.50
D. Gogo & Rados	26,286.80	24,993.40	29,123.40	28,328.90	118,732.50

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	\$ 20	8.30	\$ 40	\$ 50
(2)	.40	.25	.28	.40
(3)	.40	.15	.35	1.00
(4)	11.00	14.00	15.50	17.00
(5)	11.00	8.50	9.50	10.00
(6)	.02	0.04	.01	.01
(7)	3.50	5.00	4.00	4.00
(8)	.50	.50	.20	.20
(9)	.50	.20	.40	.10

The prices on each of the other schedules were identical with the prices for Schedule 1.

**NEW TIMES DEMAND NEW PRODUCTS  
USE STANDARDIZED MILLWORK  
FOR LOWER BUILDING COSTS**

Windows, Sash, Doors, Frames and Interior Trim of Uniform Designs, and Sizes Carried in Stock for Immediate Delivery. We are Headquarters for (REZO) Oregon Pine, and Philippine Mahogany Flush Doors, and (SAG-NOT) House and Garage Doors, an entirely new principal of door construction. Estimates furnished on either segregated or full mill lists.

**F. S. Buckley Door Company**

1608 EVANS AVENUE

ATwater 2277

## 30—RESERVOIRS &amp; DAMS

## PLANNED

**SANTA CRUZ COUNTY, Calif.—**The San Jose Y. M. C. A. plans to improve the buildings, erect a foot-bridge and small dam on their new camp site on the San Lorenzo River near Boulder Creek. Estimated cost \$6,000.

Mitael H. Antonacci, San Jose, engineer.

## PLANNED

**LOS ANGELES—**The Los Angeles county board of supervisors Dec. 22 adopted a report submitted by C. H. Howell, Chief Engineer, Los Angeles county flood control district, and Alfred Jones, County Surveyor, and authorized copies sent to the cities of Arcadia and Sierra Madre for approval of flood control work in Sierra Madre-Arcadia Drainage District.

The project, total cost estimate, \$5,182,300, consists of the construction of reinforced concrete rectangular open channel along Arcadia Wash from Rio Hondo to point 2000 feet north of Huntington Drive; concrete closed conduit along Baldwin Ave. from Santa Anita Stables to East Ave., a concrete closed conduit along Lima St. from the A. T. & S. F. R.R. to Carter Ave.; a concrete open channel from the A. T. & S. F. R.R. downstream to Santa Anita Stables; concrete open channel along the East branch of Arcadia Wash, 4 small debris basins controlling the mountain watershed area discharging into this storm drain system; a covered storm drain along Baldwin Ave from Huntington Drive to Eaton Wash; a covered storm drain along Sierra Madre Ave. and Encinitas Ave. from Sierra Madre Blvd. to Eaton Wash; a debris basin at a site approximately 1500 ft. north of Sierra Madre Blvd. along the extension of Sierra Madre Villa Ave. and approximately 4000 ft. of concrete channel from this debris basin to Eaton Wash, together with laterals. The project might be constructed in units when funds are available in the following order:

## UNIT NO. 1

Arcadia Channel from Rio Hondo to the Pacific Electric Railway, 500 ft. south of Huntington Drive, involving 16,000 lf. of channel. The estimated cost is \$863,100. The work involves:

22,400 c.y. reinf. concrete;  
296,000 c.y. excavation;  
6,000 sq. ft. pavement resurf.;  
15,000 sq. ft. bridges;

## UNIT NO. 2

Upper Baldwin Ave. and Lima St. drains from their junction with Arcadia Channel up to and including their appurtenant debris basins. The estimated cost is \$1,077,700. The work involves:

117,600 c.y. excav.;  
81,600 sq. ft. pavement resurf.;  
61,900 sq. ft. same;  
71,400 sq. ft. same;  
1,500 lf. 45-in. reinf. concr. pipe;  
1,500 lf. 48-in. same;  
1,100 lf. 51-in. same;  
2,600 lf. 54-in. same;  
1,400 lf. 57-in. same;  
2,050 lf. 63-in. same;  
1,800 lf. 69-in. same;  
123 catch basins;  
82 manholes;

## UNIT NO. 3

East Branch system from Arcadia Wash to Grand View Ave. The estimated cost is \$384,800. The work involves:

8,500 c.y. reinf. concrete;  
66,700 c.y. excavation;  
25,000 sq. ft. pavement resurf.;  
17,300 sq. ft. same;  
3,600 sq. ft. bridges;  
950 lf. 20-in. diam. reinf. concr. pipe;  
1,000 lf. 42-in. same;

## LOS ANGELES CO.—1.6 MI. GRADE &amp; SURF.—(State)

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$91,764.60, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 1.6 miles grading and surfacing with portland cement concrete in Los Angeles County between Playa St. and Washington Blvd.

The work involves:

- (1) 85 sta. clear and grub right of way;
- (2) 660 M. gals. water;
- (3) 850 c.y. remove concrete;
- (4) 17,400 c.y. rdwy. excav., unclass.
- (5) 1,400 c.y. struc. excav.;
- (6) 80,000 sta. yds. overhaul;
- (7) 11,000 c.y. imported subgrade material;
- (8) 24,000 sq. yds. preparing subgrade;
- (9) 80 tons Grade E asphaltic cement (membrane seal);
- (10) 85 sta. finishing rdwy.;
- (11) 3,100 sq. yds. asphaltic paint binder;
- (12) 8 tons liquid asph. MC-2 (prime coat);
- (13) 198 tons liquid asphalt MC-4 or 5 (plant mix surface);
- (14) 2100 tons mineral aggregate (do)
- (15) 30 tons liquid asph. SC-2 (prime coat);
- (16) 360 tons liquid asphalt SC-2 (road mix surf. treatment);
- (17) 30,000 sq. yds. preparing, mixing and shaping shoulders;
- (18) 23,500 lbs. bar reinf. steel (pave. and struc.);

- (19) 6,500 lbs. misc. iron and steel;
- (20) 14,000 lbs. steel (rail assemblies)
- (21) 4,630 c.y. Class A portland cement concrete (pave.);
- (22) 9,600 each pavement dowels;
- (23) 12 sections Type C pave. crossing devices;
- (24) 130 c.y. Class A portland cement concrete (struc.);
- (25) 180 lf. 15-in. standard reinforced concrete pipe;
- (26) 210 lf. 18-in. do;
- (27) 130 lf. 24-in. do;
- (28) 56 lf. 30-in. do;
- (29) 24 lf. 42-in. do;
- (30) 120 lf. metal pipe, remove and salvage;
- (31) 1,370 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
- (32) 900 lf. curb armor;
- (33) 30 lf. laminated guard railing;
- (34) 14 each manholes adjusted to grade;
- (35) 12 each electroliters, moved and reset.

Total bids follow:

- (A) J. E. Haddock, Pasadena, \$91,764.50.  
(B) Matich Bros., Elsinore, \$92,199.  
(C) Oswald Bros., Los Angeles, \$98,758.00.  
(D) Griffith Co., Los Angeles, \$99,993.20.  
(E) P. J. Akmadzich, Los Angeles, \$100,898.50.  
(F) Geo. E. Curtis Paving Co., Los Angeles, \$103,462.00.  
(G) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$107,518.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$7.00	\$10.00	\$5.00	\$10.00	\$10.00	\$15.00	\$15.00
(2)	1.25	1.00	1.40	1.10	1.50	1.80	2.00
(3)	2.50	1.40	2.50	2.00	2.50	2.40	2.50
(4)	28	40	38	40	50	50	50
(5)	150	150	225	200	110	120	150
(6)	.015	.005	.005	.01	.01	.01	.007
(7)	.45	.40	.41	.50	.60	.60	.60
(8)	.09	.12	.09	.12	.12	.11	.12
(9)	20.50	25.00	39.00	20.00	30.00	28.00	25.00
(10)	5.00	5.00	4.00	5.00	5.00	5.00	10.00
(11)	.02	.05	.03	.03	.02	.03	.04
(12)	21.00	25.00	21.00	22.00	23.00	22.50	30.00
(13)	15.00	15.00	13.75	15.00	16.00	16.00	16.00
(14)	2.60	2.80	2.60	2.50	2.40	2.99	2.30
(15)	12.00	9.00	12.50	10.00	16.00	12.40	15.00
(16)	8.00	7.00	8.00	10.00	9.00	7.90	10.00
(17)	.07	.05	.05	.06	.05	.06	.06
(18)	.07	.05	.07	.08	.06	.065	.06
(19)	.15	.15	.16	.16	.15	.17	.20
(20)	.05	.05	.05	.06	.05	.06	.10
(21)	7.30	7.10	7.35	6.94	7.75	7.70	7.40
(22)	.11	.11	.11	.11	.11	.12	.15
(23)	15.00	20.00	40.00	50.00	50.00	50.00	75.00
(24)	21.00	25.00	23.00	25.00	25.00	20.00	25.00
(25)	2.00	3.00	2.35	2.00	2.00	2.00	2.20
(26)	2.35	3.25	2.55	2.10	2.25	2.40	2.50
(27)	2.80	4.00	3.15	3.00	3.75	3.00	3.00
(28)	4.25	5.25	5.00	4.00	4.50	4.50	4.00
(29)	6.50	8.00	7.25	6.00	7.50	7.00	6.00
(30)	1.00	1.00	1.00	2.00	.50	.85	.75
(31)	10.00	10.25	11.00	13.00	10.00	11.25	12.00
(32)	.80	.80	.85	1.00	.85	1.00	1.00
(33)	1.50	1.50	1.25	2.00	1.00	1.80	1.50
(34)	10.00	10.00	12.50	11.00	10.00	12.00	20.00
(35)	60.00	60.00	125.00	100.00	60.00	66.00	70.00

5,000 lf. 54-in. same;  
33 catch basins;  
21 manholes.

## UNIT NO. 4

Lower Baldwin Ave. storm drains; Sierra Madre Ave. storm drain; and Sierra Madre Villa project. The estimated cost is \$2,856,700. The work involves:

24,200 c.y. reinf. concrete;  
118,700 c.y. excavation;  
205,700 sq. ft. pavement resurf.;  
277,700 sq. ft. same;  
33,400 sq. ft. same;  
750 lf. 24-in. diam. reinf. concr. pipe;  
16,400 lf. 33-in. same;  
5,500 lf. 36-in. same;  
5,200 lf. 42-in. same;

25,000 c.y. reinf. concrete;  
132,900 c.y. excavation;  
8,100 sq. ft. pavement resurf.;  
129,600 sq. ft. same;  
339,900 sq. ft. same;  
71,100 sq. ft. same;  
1,000 lf. 21-in. diam. reinf. concrete pipe;  
800 lf. 3-in. same;  
3,800 lf. 33-in. same;  
2,800 lf. 36-in. same;  
5,000 lf. 39-in. same;  
5,200 lf. 42-in. same;  
1,100 lf. 45-in. same;  
4,600 lf. 48-in. same;

3,000 lf. 51-in. same;  
4,500 lf. 54-in. same;  
3,000 lf. 66-in. same;  
2,350 lf. 69-in. same;  
108 catch basins;  
14 manholes.  
Debris basin, 175,000 c.y.  
Channels:  
4,300 c.y. reinf. concrete;  
18,800 c.y. excavation.

**BIDS OPENED**

**BONNEVILLE DAM, Oregon**—Following bids received by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, under Bid No. 694-37-191, for furnishing 40 sections of structural steel frames for use on the Bonneville main dam fishway collecting system at Bonneville, under the following alternatives:

Alternate "A": Equipment f.o.b. cars at factory shipping point for shipment on Government bills of lading; 14 frames to be delivered within 60 calendar days, and the balance within 80 calendar days.

Alternate "B": Equipment f.o.b. cars at North Bonneville, Washington; 14 frames to be delivered within 70 calendar days, and the balance within 90 calendar days. General Iron & Steel Works, Portland—(B) \$32,550.

Star Iron & Steel Co., Tacoma—(A) \$34,840; f.o.b. Tacoma; (B) \$35,520.

King Bros., Portland—(A) \$26,700, f.o.b. Portland; (B) no bid; discount, 2% 10 days.

Commercial Iron Works, Portland—(A) no bid; (B) \$43,264.

Judson Pacific Co., San Francisco—(A) \$47,850, f.o.b. San Francisco or Oakland; (B) no bid.

Consolidated Steel Corp., Los Angeles—(A) \$62,970, f.o.b. Los Angeles; (B) \$68,470.

Lieut.-Col. C. F. Williams, District Engineer.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**CONTRACT AWARDED**

**SAN JOSE, Santa Clara Co., Calif.**—Gladding Bros. Mfg. Co., 3rd and Keyes, San Jose, at \$59,559.22, submitted low bid and awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for furnishing sanitary vitrified clay sewer pipe and vitrified clay outfall sewer pipe, required for construction of extensions to the San Jose sanitary sewer and collection system. The construction is being done by day labor as a WPA project. Total cost of the work is estimated at \$645,922.

The pipe to be furnished includes: (1) 76.136 lf. 6-in. vitrified clay pipe; (2) 27,703 lf. 8-in. do.; (3) 14,189 lf. 10-in. do.; (4) 5,029 lf. 12-in. do.; (5) 4,824 lf. 15-in. do.; (6) 2,567 lf. 18-in. do.; (7) 12,830 lf. 21-in. do.

Total bids follow:

(A) Gladding Bros. Mfg. Co., San Jose, \$59,559.22  
(B) Gladding McBea & Co., San Francisco 62,303.43

	(A)	(B)
(1).....	\$0.201	\$0.217
(2).....	288	3025
(3).....	405	4235
(4).....	522	5445
(5).....	571	9075
(6).....	1.221	1.2705
(7).....	1.629	1.684

W. L. POPP, City Engineer.

**BIDS WANTED**  
**SAN RAFAEL, Marin Co., Calif.**—Until January 4, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, City Hall, for construction of a gravity sewer along a portion of the

**LOS ANGELES COUNTY—2.1 MI. GRADING—(State)**

LOS ANGELES CO., Calif.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at \$98,545.50, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for about 2.1 mi. grading and surfacing with plant mixed surfacing in Los Angeles County between Azusa Ave. and San Gabriel River Bridge.

The work involves:  
(1) 113 sta. clear and grub right of way;  
(2) 1,500 M. gals. water;  
(3) 15 c.y. remove existing concrete;  
(4) 81,000 c.y. rdwy. excav., unclass.  
5) 1,920 c.y. struc. excav.;  
6) 4,500 c.y. ditch and channel excavation;  
7) 950,000 sq. yds. overhaul;  
(8) 113 sta. finishing rdwy.;  
(9) 34 tons liquid asphalt MC-2 (prime coat);  
10) 5,350 tons mineral agg. (plant mix surf.);

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$18.00	\$20.00	\$15.00	\$15.00	\$20.00	\$35.00
(2).....	1.20	2.00	1.00	1.10	1.10	1.10
(3).....	2.50	10.00	3.00	2.00	6.00	10.00
(4).....	.77	.77	.92	.90	.97	1.08
(5).....	1.00	1.50	1.50	1.00	2.00	1.25
(6).....	.40	.50	.35	.40	1.50	.50
(7).....	.004	.005	.004	.0075	.006	.005
(8).....	10.00	19.00	6.00	10.00	7.00	10.00
(9).....	20.00	25.00	22.00	22.00	20.00	20.00
(10).....	1.75	2.43	2.10	2.25	2.50	1.90
(11).....	15.00	14.00	14.50	15.00	15.00	14.00
(12).....	.02	.05	.03	.05	.03	.03
(13).....	.06	.06	.05	.05	.06	.06
(14).....	.10	.15	.11	.10	.14	.10
(15).....	25.00	20.00	21.50	20.00	30.00	25.00
(16).....	15	40	30	20	45	60
(17).....	.40	.60	.40	.25	.75	1.00
(18).....	.55	.80	.50	.75	1.00	1.50
(19).....	5.00	10.00	10.00	10.00	5.00	7.00
(20).....	2.00	3.00	2.50	3.00	1.50	3.00

**2.1 MI. GRADING—(State)**

(11) 280 tons liquid asphalt MC-4 or MC-5 (plant mix surf.);  
(12) 2,800 sq. yds. asphalt binder (13) 25,200 lbs. bar reinf. steel;  
(14) 800 lbs. misc. iron and steel;  
(15) 276 c.y. Class A portland cement concrete (struc.);  
(16) 450 lf. 8-in. CMP;  
(17) 1,220 lf. 24-in. CMP;  
(18) 120 lf. 30-in. CMP;  
(19) 8 each spillway assemblies;  
(20) 26 each crest markers.  
Total bids follow:  
(A) A. S. Vinnell Co., Los Angeles, \$98,545.50.  
(B) J. B. Haddock, Pasadena, \$104,915.50.  
(C) Oswald Bros., Los Angeles, \$110,930.00.  
(D) Geo. J. Beck, \$112,728.50.  
(E) Griffith Co., Los Angeles, \$129,210.50.  
(F) Dirmitt & Taylor, Los Angeles, \$129,186.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$18.00	\$20.00	\$15.00	\$15.00	\$20.00	\$35.00
(2).....	1.20	2.00	1.00	1.10	1.10	1.10
(3).....	2.50	10.00	3.00	2.00	6.00	10.00
(4).....	.77	.77	.92	.90	.97	1.08
(5).....	1.00	1.50	1.50	1.00	2.00	1.25
(6).....	.40	.50	.35	.40	1.50	.50
(7).....	.004	.005	.004	.0075	.006	.005
(8).....	10.00	19.00	6.00	10.00	7.00	10.00
(9).....	20.00	25.00	22.00	22.00	20.00	20.00
(10).....	1.75	2.43	2.10	2.25	2.50	1.90
(11).....	15.00	14.00	14.50	15.00	15.00	14.00
(12).....	.02	.05	.03	.05	.03	.03
(13).....	.06	.06	.05	.05	.06	.06
(14).....	.10	.15	.11	.10	.14	.10
(15).....	25.00	20.00	21.50	20.00	30.00	25.00
(16).....	15	40	30	20	45	60
(17).....	.40	.60	.40	.25	.75	1.00
(18).....	.55	.80	.50	.75	1.00	1.50
(19).....	5.00	10.00	10.00	10.00	5.00	7.00
(20).....	2.00	3.00	2.50	3.00	1.50	3.00

**COCONINO CO., ARIZ.—8.639 MI. SURFACING—(Govt.)**

COCONINO COUNTY, Ariz.—J. A. Casson, Phoenix, at \$68,678.50 (Class F-2 surfacing) as previously reported, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Phoenix, for placing bituminous treated crushed rock surfacing on 8.639 miles of Route 8, Grand Canyon National Park, Coconino County.

The work involves:  
(1) 850 c.y. placing stockpiled crushed rock for shoulders;  
(2) 300 tons supplemental crushed rock, Class F-1;  
(3) 300 tons supplemental crushed rock, Class F-2;  
(4) 125 M. gals. watering;  
(5) 8,900 tons dense graded bituminous treated crushed rock (90-95 binder);  
(6) 8,500 tons bituminous treated crushed rock, Class F-2 (90-95 binder);  
(7) 2,500 tons do. Class F-1 (MC 5 binder);  
(8) 2,720 tons do. Class F-2 (R.C. 4 binder);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 2.00	\$ 1.60	\$ 2.00	\$ 2.50	\$ 2.00	\$ 1.90	\$ .75
(2).....	3.00	4.40	5.00	4.00	4.00	3.80	2.25
(3).....	3.50	2.85	3.50	6.00	7.00	6.00	4.00
(4).....	5.35	5.60	5.40	5.75	5.50	5.50	4.50
(5).....	5.15	5.35	5.40	5.50	5.50	5.50	4.50
(6).....	5.35	5.70	5.40	5.50	5.85	6.25	4.50
(7).....	7.00	6.50	6.50	10.00	6.00	6.25	4.50
(8).....	7.00	10.00	4.00	12.00	10.00	12.00	5.15
(9).....	7.00	6.00	7.00	6.00	8.00	7.00	5.50
(10).....	100.00	100.00	100.00	100.00	100.00	100.00	100.00

(6) 50 tons applying Govt. furnished asphaltic material for prime coat;  
(7) 140 tons do. for seal coat;  
(8) 850 tons screenings for seal coat  
(9) Extra work, construct project signs.  
Complete total bids follow:  
Total (a) based on items 1, 2a, 3, 4a, 5a, 6, 7, 8, and 9.  
Total (b) based on items 1, 2, 3, 4, 5, 6, 7, 8 and 9

(A) J. A. Casson, Phoenix, (a) \$68,678.50; (b) \$73,350.00.  
(B) Lee Moor Contr. Co., El Paso, (a) \$70,039.25; (b) \$73,350.00.  
(C) Southern California Roads Co., Los Angeles, (a) \$71,225.50; (b) \$73,350.00.  
(D) W. E. Hall Co., Phoenix, (a) \$73,205.00; (b) \$.....  
(E) Pearson & Dickerson, Prescott, (a) \$74,387.00; (b) \$80,282.50.  
(F) Arizona Sand & Rock Co., Phoenix, (a) \$75,735.00; (b) \$78,747.50.  
(G) Engineer's estimate, (a) \$58,192.50; (b) \$60,577.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 2.00	\$ 1.60	\$ 2.00	\$ 2.50	\$ 2.00	\$ 1.90	\$ .75
(2).....	3.00	4.40	5.00	4.00	4.00	3.80	2.25
(3).....	3.50	2.85	3.50	6.00	7.00	6.00	4.00
(4).....	5.35	5.60	5.40	5.75	5.50	5.50	4.50
(5).....	5.15	5.35	5.40	5.50	5.50	5.50	4.50
(6).....	5.35	5.70	5.40	5.50	5.85	6.25	4.50
(7).....	7.00	6.50	6.50	10.00	6.00	6.25	4.50
(8).....	7.00	10.00	4.00	12.00	10.00	12.00	5.15
(9).....	7.00	6.00	7.00	6.00	8.00	7.00	5.50
(10).....	100.00	100.00	100.00	100.00	100.00	100.00	100.00

The Bureau of Census reports that 17 manufacturers shipped 64 units of fire extinguishing motor apparatus in October, 1935, compared with 59 in September, 1935, and October, 1935.

New orders for oil burners taken during October, 1935, amounted to 35,012, a substantial increase over the 24,088 orders filed during the same month in 1935, the Bureau of Census reports.

north side of the San Rafael-San Quentin Road, involving about 600 lf. of 6-in. cast-iron pipe.

Plans and specifications obtainable from the above office.

**FUNDS ASKED**

WATSONVILLE, Santa Cruz Co.,

Cal.—The Watsonville City Council has filed an application with PWA for a grant of 45% of the total cost of construction of a new sewer system in the Hyde Park and Quinn subdivisions. City Engineer Bert Kitchen has estimated the cost at \$17,354.50.

**NEW BIDS WANTED**

NEWPORT BEACH, Orange Co., Cal.—Until Jan. 11, 7:30 P. M., bids will be received by the Newport Beach City Council for constructing a vitrified clay sewage collection system, sewage pumping stations, and a disposal plant. Plans prepared by R. L. Patterson, City Engineer,

**ALL-AMERICAN CANAL—PIPE SIDE DRAINS—(Govt.)**

ALL-AMERICAN CANAL, Arizona-Cal.—Frank Doran, 245 Spreckels Theatre Bldg., San Diego, at \$84,091.80, as previously reported, submitted low bid to the Bureau of Reclamation, Yuma, R. B. Williams, Construction Engineer, under Spec. No. 700, for the construction of pipe side drains, All-American Canal, Sta. 3552 to Sta. 3775, All-American Canal System, Boulder Canyon Project. The work is located near Calexico, Calif. and involves:

- (1) 13,096 lf. constructing 18-in. dia. clay sewer pipe drains;
- (2) 3,860 lf. 24-in. do;
- (3) 7,200 lf. 27-in. do;
- (4) 6,832 lf. 30-in. do;

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$1.50	\$1.80	\$1.97	\$1.87	\$2.20	\$2.40	\$2.40	\$2.40	\$2.93	\$2.16	\$2.80	\$2.75
(2).....	1.80	2.00	2.17	2.12	2.60	2.60	2.80	2.80	3.03	3.26	3.00	3.15
(3).....	2.25	2.20	2.40	2.72	2.75	2.70	3.20	3.10	3.21	3.81	3.20	3.75
(4).....	3.50	3.12	2.62	3.67	3.00	2.80	3.60	3.50	3.25	4.40	3.45	4.00
(5).....	1.50	1.80	2.00	1.87	1.55	2.00	2.00	2.40	2.42	1.31	3.30	2.50
(6).....	1.70	2.00	5.60	2.12	1.80	2.15	2.25	2.40	2.55	1.64	3.55	2.85
(7).....	2.50	3.12	4.70	3.67	3.25	2.40	4.00	5.00	2.78	2.51	4.70	4.50
(8).....	1.00	.60	.80	.50	1.00	1.00	.80	.60	.60	1.00	1.25	.75
(9).....	1.00	.60	.35	.43	.50	.50	.55	.60	.25	.25	1.00	.60
(10).....	25.00	25.00	23.15	20.00	35.00	30.00	20.00	25.00	18.00	26.70	30.00	17.00
(11).....	.04	.02	.01	.05	.02	.02	.05	.03	.03	.04	.05	.02
(12).....	4.00	4.00	1.52	3.00	4.00	5.00	2.50	4.00	2.00	4.00	6.00	10.00
(13).....	.04	.10	.02	.05	.02	.10	.05	.10	.05	.05	.05	.31

**WASCO—SEWAGE SYSTEM—(District)**

WASCO, Kern Co., Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$102,666.72, awarded contract by the Wasco Public Utility District, Dec. 28, for the construction of a sewer system and outfall for Wasco and vicinity. The award was made subject to PWA approval.

The work involves:

- (1) 20,367 ft. 6-in. vitrified clay pipe sewer, standard strength, including bends;
- (2) 35,620 ft. 8-in. vitrified clay pipe sewer, standard strength;
- (3) 14,453 ft. 10-in. vitrified clay pipe sewer, standard strength;
- (4) 1550 ft. 10-in. vitrified clay pipe sewer, extra strength;
- (5) 1962 ft. 12-in. vitrified clay pipe sewer, standard strength;
- (6) 650 ft. 12-in. vitrified clay pipe sewer, extra strength;
- (7) 11,003 ft. 15-in. vitrified clay pipe sewer, standard strength;
- (8) 4287 ft. 15-in. vitrified clay pipe

- sewer, extra strength;
- (9) 1111 8x6 wye branches, including caps;
- (10) 263 10x6 wye branches, including caps;
- (11) 78 12x6 wye branches, including caps;
- (12) 51 15x6 wye branches, including caps;
- (13) 185 manholes;
- (14) 11 drop manholes;
- (15) 29 flushing manholes;
- (16) 3 lamp holes;
- (17) 1355 ft. 3/4-in. galvanized iron pipe for 20 connections;
- (18) 2287 lin. ft. cutting and replacing pavement on 7th St., from Broadway to Palm Ave.;
- (19) Cutting and replacing pavement consisting mostly of oil and dust, with curb over balance of sewers where any pavement exists.

Total bids follow:

- (A) W. J. Tobin, Oakland—\$102,666.72.
- (B) Oakland Sewer Construction Co.,

Oakland—\$105,557.29.

- (C) A & B Construction Co., Hynes—\$106,492.17.
- (D) Stroud - Seabrook, Bakersfield—\$115,500.95.
- (E) J. C. Hickey, Alhambra—\$120,370.88.
- (F) V C K Construction Co., Los Angeles—\$121,061.64.
- (G) Claude Fisher Co., Los Angeles—\$127,403.41.
- (H) Fredrickson & Watson and Fredrickson Bros., Oakland—\$131,038.84.
- (I) J. L. Kruly, Los Angeles—\$131,776.15.
- (J) John Jurkovich, Fresno—\$137,414.20.
- (K) S. B. Bechtel, Oakland—\$147,115.20.
- (L) Sanitary Construction & Engineering Co., Long Beach—\$159,254.03.
- (M) Engineer's estimate—\$110,167.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1).....	\$ .66	.65	.50	.65	.85	.85	.90	.95	\$ 1.00	1.00	1.25	.92	.70
(2).....	.77	.70	.75	.87	.87	.90	1.00	.90	1.00	1.10	.90	1.10	.80
(3).....	.98	1.00	1.09	1.10	1.02	1.12	1.10	1.22	1.25	1.20	1.10	1.55	1.05
(4).....	1.05	1.12	1.25	1.20	1.15	1.25	1.30	1.95	1.40	1.50	1.50	2.10	1.10
(5).....	1.12	1.12	1.25	1.40	1.17	1.41	1.30	1.40	1.40	1.70	1.25	2.14	1.25
(6).....	1.25	1.26	1.40	1.55	1.32	1.58	1.55	1.60	1.50	2.00	1.75	2.65	1.40
(7).....	1.49	1.55	1.75	1.70	1.59	1.93	1.65	1.78	1.75	2.00	1.80	2.25	1.60
(8).....	1.65	1.70	1.85	1.95	1.89	2.19	2.00	2.02	2.00	2.10	2.55	3.00	1.80
(9).....	.50	.60	.75	.60	.62	.90	1.00	1.50	.50	2.00	1.55	1.64	.50
(10).....	1.90	.75	1.09	.70	.70	1.11	2.00	2.00	.50	2.00	2.15	2.37	.75
(11).....	2.00	1.00	1.25	1.00	.88	2.10	3.00	3.00	.50	2.00	2.75	3.14	1.00
(12).....	2.00	2.00	1.50	1.50	2.30	3.43	5.00	6.00	1.00	3.00	5.10	5.90	1.50
(13).....	65.00	80.00	65.00	85.00	95.00	87.00	50.00	90.00	75.00	75.00	110.00	80.00	70.00
(14).....	75.00	85.00	70.00	105.00	95.00	100.00	110.00	100.00	85.00	100.00	200.00	100.00	90.00
(15).....	105.00	120.00	90.00	110.00	130.00	125.00	100.00	125.00	100.00	150.00	175.00	100.00	100.00
(16).....	10.00	35.00	25.00	17.50	25.00	30.00	25.00	40.00	15.00	50.00	100.00	25.00	20.00
(17).....	.20	.30	.30	.25	.30	.25	.40	.30	.25	.60	.20	.40	.30
(18).....	.40	.20	.75	.10	.75	.65	.60	.75	.30	.50	1.00	.60	.60
(19).....	.05	2450.00	2500.00	.05	.06	.04	1480.00	.08	5000.00	400.00	5000.00	235.00	4196.10

KOEBIG & KOEBIG, Rowan Building, Los Angeles, Engineers.

and Currie Engr. Co., San Bernardino. All bids received Dec. 14 were rejected by the city council Dec. 15. The plant is designed to serve a population of about 25,000 and consists of two concrete circular Imhoff tanks and a separate sludge digestion tank. The City has about \$304,000 available, of which \$132,000 is a PWA allocation, the balance to be provided by the city.

R. L. Patterson, City Engineer, reports revised quantities as follows:

- (1) Sewage Pumping Sta. No. 1 and appurtenances as shown on Plan No. 401, Sheets 29 to 31 inc.;
- (2) Sewage Pumping Sta. No. 2 and appurtenances as shown on Plan No. 401, Sheets 26 to 28 inc.;
- (3) Sewage Pumping Sta. No. 3 and appurtenances as shown on Plan No. 401, Sheets 22 to 25 inc.;
- (4) Sewage Pumping Sta. No. 4 and appurtenances as shown on Plan No. 401, Sheets 32 and 33 inc.;
- (5) Cast iron Pipe Siphon No. 1, consisting of one 12-in. pipe, as shown on Plan No. 401, Sheet 20;
- (6) 6,680 lf. 30-in. vit. clay pipe sanitary sewer;
  - (7) 2,580 lf. 27-in. do;
  - (8) 3,160 lf. 24-in. do;
  - (9) 7,870 lf. 21-in. do;
  - (10) 4,310 lf. 18-in. do;
  - (11) 240 lf. 12-in. do;
  - (12) 3,810 lf. 10-in. do;
  - (13) 4,030 lf. 8-in. do;
- (14) 1,100 lf. 14-in. Class 250 cast iron pipe, flexible joints, discharge line from disposal plant, inc. fittings;
- (15) 1,160 lf. 14-in. Class 150 cast iron pipe, B. & S. sanitary sewer, inc. fittings;
- (16) 820 lf. 12-in. Class 150 cast iron pipe, B. & S. sewer force main, inc. fittings;
- (17) 4,010 lf. 10-inch Class 150 cast iron pipe sanitary sewer, including fittings;
- (18) 10-in. Class 150 cast iron pipe sewer, highway crossing at Sta. 59 plus 75 sheet 10 of Plan No. 401;
- (19) 8-in. do at Sta. 19 plus 00, sheet 8, and Sta. 74 plus 25, sheet 10 of Plan No. 401;
- (20) 204 lf. 8-in. Class 150 cast iron pipe sewer force main, including fittings, sheet 14 of Plan No. 401;
- (21) reinf. cement concrete box sanitary sewers, Sta. 165 plus 02, sheet 14, and Sta. 73 plus 29, sheet 10 of Plan No. 401;
- (22) 50 c.y. Class E cement concrete pipe envelope;
- (23) 98 brick manholes;
- (24) 1 brick (bu tank, inc. 3/4-inch water service connection);
- (25) 18,000 c.y. rdwy. embankment;
- (26) 94 lf. 24-in. corr. iron culvert pipe;
- (27) 40 lf. 36-in. reinf. cement concrete culvert;
- (28) 1500 lf. 2-in. galv. iron water pipe, inc. fittings;
- (29) 2,400 tons furnishing and placing crushed rock for sewer foundation;
- (30) 160 ft. vit. clay pipe sewer chimney;
- (31) sewage disposal plant and appurtenances thereto, complete as shown on Plan No. 401, sheets 34 to 38 inc.

**33— WATER WORKS**

**LOW BIDDER**

KING CO., Wash.—Pacific Waterworks Supply Co., Atlantic Street, Seattle, at \$71,135, submitted low bid to the Board of Commissioners of King County and to the State Supervisor of Purchasing for furnishing approximately 107,360 ft. of wrapped sheet steel pipe, 400 ft. of galvanized wrought steel pipe, together with miscellaneous valves, valves,

boxes, and fittings, for delivery at job site in Gunther's Highland View Tract, Burien, King County.  
Farker & Hill, Smith Tower, Seattle, consulting engineers.

**BIDS OPENED**

LOS ANGELES—Bids for the installation of the San Pedro Terminal Island Water Supply Line, PWA Docket No. 1929-R, Unit No. 89-A, Specification No. X-76, were opened by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 267 S. Broadway, December 23.

The items are:

- (a) 418 tons at a price per ton for the delivery of approx. 4400 ft. of 20-in. and 400 ft. of 12-in. cast-iron pipe, cast-iron pipe fittings, gate valves, from the dept's San Pedro Pipe Yard, located at 950 W. First St., San Pedro, to trench side;
  - (b1) 400 ft. excav. of trench for 20-in. main, price per ft.;
  - (b2) 400 ft. excav. of trench for 12-in. main, price per ft.;
  - (c1) 4210 ft. placing 20-in. pipe in trench, fitting up and caulking joints, installing gate valves, etc., per ft.;
  - (d1) 380 ft. placing 12-in. pipe in trench, etc., price per ft.;
  - (d2) 190 ft. installing 20-in. cast-iron pipe with 30-in. steel pipe, under R.R. and R.R. tracks, per ft.;
  - (d3) 20 ft. installing 12-in. pipe in 20-in. pipe under R.R., etc., price per ft.;
  - (e) 1465 ft. removing and transporting existing 10-in. and 8-in. cast-iron pipe from trench to dept's San Pedro Pipe Yard located at 950 W. First St., San Pedro, per foot;
  - (f) 4800 ft. backfilling and disposing of surplus excavated material on graded streets and easements, per lin. ft.
- The bids were:
- (A) Macco-Robertson, Ltd., 815 Paramount Boulevard, Clearwater—\$9,741.85
  - (B) J. C. Hickey, Alhambra—\$15,968.85
  - (C) C. R. Butterfield, San Pedro—\$18,309.83

The unit bids were:

	(A)	(B)	(C)
(a)	\$1.50	\$2.00	\$2.00
(b1)	.70	1.00	2.00
(b2)	.70	1.00	1.00
(c1)	.60	1.00	1.00
(c2)	.60	1.00	.75
(d1)	5.00	2.00	5.00
(d2)	4.00	2.00	2.50
(e)	.69	.35	.75
(f)	.29	1.00	.35

**BIDS WANTED**

MULTNOMAH CO., Oregon.—Until January 13, 4 p. m., bids will be received by the Maplewood Water District, H. E. Reynolds, Secretary, 628 Railway Exchange Bldg., Portland, and will be opened at 8 p. m. at the Sunday School Bldg., Maplewood, for the construction of water system improvements consisting of approximately 10,550 ft. of 8-in. and 1400 ft. of 6-in. water mains, with necessary appurtenances.

Alternate bids are requested on cast iron and steel pipe.

Plans and specifications obtainable from the office of C. E. Carter, engineer, 823 Spalding Bldg., Portland, upon deposit of \$15.

**BIDS WANTED**

SAN FRANCISCO—Until January 5, 3 p. m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Contract No. 135, for the laying of 6-in. and 8-in. cast-iron pipe lines in Thirty-third and Forty-fifth Avenues and Alameda Blvd.

The work involves:

- (1) 775 lf. excav. and backfill of 6-in.

and 8-in. pipe, trench 17 in. wide by 36 in. deep;

- (2) 15 c.y. additional excav.;
- (3) 60 sq. ft. additional pavement removal and replacement;
- (4) Installation of pipe:
  - (a) 405 lf. 6-in. bell and spigot cast-iron pipe;
  - (b) 370 lf. 8-in. do.;
- (5) 2,200 lbs. installing of fittings, gate valves, etc.;
- (6) 125 lf. making joints for pipe and fittings;
- (7) Repavement:
  - (a) 632 sq. ft.;
  - (b) 580 sq. ft. sidewalk;
- (8) Installation of 13 3/4-in. screw tops;
- (9) Installation of 75 ft. of 3/4-in. sewer pipe.

Plans and specifications obtainable from the office of N. A. Eckart, Room 605, 425 Mason St., upon deposit of \$5.00.

**CONTRACT AWARDED**

SAN JOAQUIN COUNTY, Calif.—L. Uhels, Box 181, Ripon, at \$29,077.50 awarded contract by the Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 163, for the construction of the Tesla Portal Chlorinating Plant in the Coast Range Division of the Hetch Hetchy Aqueduct.

The following sub-contractors have been awarded:

- Electric, Plumbing & P.mps—Hansen's, 609 10th St., Modesto.
- Millwerk—Electric Planing Mill, 545 South Monroe St., Stockton.
- Painting—John E. Becker, 17 West Poplar, Stockton.

**34— PARKS AND PLAY-GROUNDS**

**BIDS WANTED**

REDDING, Shasta Co., Cal.—Until Jan. 19, 1937, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Redding.

Specifications may be obtained at the above office and from the Custodian of the building at Redding.

**BIDS OPENED**

KINGMAN, Arizona.—City Wide Lawn Service, 815 W. Hyde Park Blvd., Inglewood, Calif., at \$347, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Kingman.

Complete bids follow:  
City Wide Lawn Service, Inglewood, Calif., \$347

Norman Bros., Inglewood, Cal., 463 Norman Nursery, Phoenix, Ariz., 475

**35— TUNNELS**

**BIDS OPENED**

YERBA BUENA SHOALS—Milton A. Purdy, 2275 100th Ave., Oakland, at \$3,072, submitted the only bid received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 568-37-107, for seven core borings on Yerba Buena Fairlane

Unit bids follow:

- (1) 38 lf. overburden drilling, \$4 per total, \$152.
- (2) 292 lf. core drilling, \$10 per lf.; total, \$2,920

**CONTRACT AWARDED**

ALAMEDA—CENTRA COSTA Cos., Calif.—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, at \$269,800, awarded contract by the Board of Directors of Joint Highway District No. 13, under Schedule "25," for the completion of ventilation, mechanical and electrical equipment in the Broadway Low Level Tunnel. Wallace B. Borgs, chief engineer.

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No. 55

## San Francisco Building Total Highest In Five Years; December Permits Set Record

Building in San Francisco during 1936 reached the highest level since 1931 and in Oakland since 1930, the year-end tabulation of permit valuations for the two cities reveals.

December proved the record month of the year for San Francisco. It included an award for \$1,180,000 on Exposition construction and the largest single private contract of the year, the \$500,000 Western Furniture Exchange. The total of \$3,081,759 is the highest in any month since March, 1930.

Residential work in San Francisco, as represented by permits for frame construction, was valued at \$738,140 in December, the highest figure for this type of work in December of any recent years. The year was marked by a revival in single-family dwelling construction that brings this class of work to a level with pre-depression years. The total of 1838 permits for work to cost \$8,610,169 compared with 1961 permits issued in 1931 for work to cost \$8,328,777. Residential awards in 1931 exceeded those in 1930 by more than a million dollars, although the total volume of permits in the preceding year was higher.

The Oakland total of \$8,688,815 exceeds 1935 by about \$2,000,000. It is the best annual figure since 1930 when permits were valued at \$9,284,000. The December total of \$9,284,000 was \$487,856, considerably lower than the monthly average for the last half of the year, Bldg. Inspector E. U. Roussell reported.

Classified totals for San Francisco permits in December and the corresponding month of last year are reported by S. J. Rosenblum, chief of the Central Permit Bureau, as follows:

Class.	Dec., 1936		Dec., 1935	
	No. P'mts	Est. Cost	No. P'mts	Est. Cost
A	1	\$ 200,000	1	\$ 200,000
B	2	851,000		
C	13	51,500	11	16,550
Frames	149	738,140	95	416,716
Alter.	435	259,575	320	207,090
Public			5	345,623
1939 Exp.	1	1,181,544		
<b>Total</b>	<b>600</b>	<b>\$3,081,759</b>	<b>432</b>	<b>\$1,186,081</b>

## Lumber Buying Continues Heavy Despite Strike

Orders taken by 202 mills in Washington and Oregon during the week ended December 26 totalled 88,943,096 board feet, an unusual volume for this season, according to the West Coast Lumbermen's Association. As has been the case in the past month most of the new business was for shipment by rail. Rail orders totalled 58,772,441 ft. Domestic cargo orders to California and Atlantic Coast totalled 22,245,787 feet. This business is sold for delivery subject to strike conditions.

One shipment in domestic cargo for government transport totalling 1,356,618 feet originated on Puget Sound. This is the only water shipment reported to the association since the last week in October.

For four consecutive weeks the volume of rail trade orders coming to the industry during the month of December has been greater than at any time since 1929. At the same time, straight cargo mills or mills normally shipping most of their production by water are either closed or operating on reduced schedules limited to such local and rail delivery business as they can handle. At these plants and dependent logging camps the association estimates an unemployment, either totally or partially, due to the marine shutdown of at least 17,500 people, 12,500 of whom are entirely out of work and 5,000 on short work weeks. Lumber payroll losses directly due to the strike for the nine weeks to January 2 are estimated at approximately \$3,150,000.

The total loss in water production and shipments due to the strike is estimated by the associa-

## FHA PREDICTS HOME BUILDING INCREASE IN '37

### New Year To Eclipse Record Of Past Twelve Months, Anglim Says

The 1937 home building program in Northern California will be the most pretentious undertaken here in more than a decade, according to Federal Housing Administration predictions, based on a survey recently completed in the 46 counties comprising this district.

Residential construction last year was declared the largest in five years for many communities, while some established a ten-year home building record.

"The Northern California district office insured four times as many mortgages in 1936 as during the previous year, when this form of home financing first was made available," declared Clifford C. Anglim, district director.

"Of a total of 13,500 applications for insured mortgages, amounting to \$57,600,000, accepted for appraisal in this district, 11,206 totalling \$47,587,881, were accepted during the past year. This is in addition to approximately \$50,000,000 of loans insured under the modernization credit plan.

"Thus in two years' time, this office has done a business of more than 100 million dollars. Much of this has gone toward payrolls in the form of architectural and other professional fees and into wages paid building trades craftsmen. Contractors estimate that construction exclusively financed under government insured loans have provided no less than 20,250,000 man-hours of work for men actually employed on the job."

In California, which led the nation in construction of new homes the past year, the Federal Housing Administration is reported to have accepted for appraisal 27,633 applications for insured mortgages amounting to \$116,250,181.

The national totals to December 12, were reported to be 145,059 mortgages accepted for insurance, aggregating \$585,459,946.

Construction at approximately 360,000,000 board feet.

## Plans Ready Soon For Major Units In \$7,000,000 Sacramento Army Base

Allocation of a \$7,000,000 fund for construction of the Army Air Corps supply depot and repair base at Sacramento is shown in a report issued by the construction division of the Quartermaster General's office in Washington, D. C., where plans are being prepared.

For the main building, flight test and inspection hangar, repair dock and equipment repair building the estimated cost is \$2,220,000. Plans for the main building are 80 per cent complete; hangar, 65 per cent; equipment repair building, 40 per cent.

Plans for the depot supply building, to cost \$1,072,000, are 30 per cent complete.

Status of other units is as follows: Engine test stands, \$150,000, plans 30 per cent complete; Headquarters, \$80,000, plans 90 per cent complete; Hospital, \$93,468, plans 65 per cent complete; Fire and Guard House, \$43,974, plans 90 per cent complete; Reclamation building, \$37,000, plans 70 per cent complete; Chemical Storage building, \$14,000, plans 85 per cent complete; Paint and Dope storage building, \$80,000, plans 65 per cent complete; Oil reclamation building, \$19,000, plans 70 per cent complete; Mild explosives building, \$4860, plans 90 per cent complete; Quartermaster gasoline station, \$3500, plans 75 per cent complete.

Estimates for other units are as follows: Field officers' quarters, \$86,658; Commissioner officers' quarters, \$99,600; Non-commissioned officers' quarters, single, \$22,038; Bachelor officers' quarters, \$62,432; Incinerator building, \$9,960; Air Corps Gasoline system, \$20,000; Night lighting, \$15,000; Grading and seeding field, \$146,564; Paving, runways, taxiways, roads and walks, \$490,000; Railroad spur \$34,635; Compass swinging base, \$2400; Barracks, Post

Exchange and Gymnasium, \$185,000; N.C.O. quarters (six double) \$83,952; Gas system, \$31,533 Fire alarm system, \$14,150; Flag pole, \$730; Fencing, \$11,612; Water storage reservoirs, \$19,180; Water distributing system, \$90,000; Sewerage system, including disposal plant, \$75,000; Electric distributing system, including sub-stations and transformer house, \$125,000; Grading and drainage building area, \$60,000; Signal corps installation, including radio towers and erection, \$87,500; Bachelor quarters and mess kitchen equipment, \$2000; Cold storage, \$3,000; Gas and oil storage tanks, pumps and piping, \$6510.

For purchase of land and removal of power lines there is allocated \$162,735; construction personnel, blue printing and advertising, \$373,253; shop equipment, \$718,522.

Major Arthur W. Parker is constructing quartermaster in charge of the depot work. His headquarters are in the Old Post Office Terminal Building, Sacramento. Bids will be received there.

## \$1,000,000 JOBS IN SIX-MONTH CITY PROGRAM

### Ocean Avenue Reconstruction Heads List of Local Public Work

Reconstruction of Ocean Avenue from San Jose to Nineteenth Aves. estimated to cost \$100,000, will be the leading road construction project in the municipal public works program for the next six months which may start construction on projects costing in excess of \$1,000,000, according to Assistant Director Sid J. Hester of the San Francisco Department of Public Works.

The gross amount to be spent on public works started during the next six months depends to a large extent on the success of a PWA application for a 45 per cent grant for a school construction program costing \$1,501,365, now in Washington, Hester stated. At the time the application was being prepared the school board had on hand \$223,000 reserve money from last year's budget, \$675,000 included in the new budget for buildings and improvements, and \$150,000 available from the 1933 school bond issue and Federal grants based on that issue. Of this amount some has already been expended and a certain amount pledged on projects now in the course of construction or about to be started.

Regardless of the success of the PWA application the board will probably spend in excess of half a million dollars on new school projects, principally the proposed San Francisco Junior College and the Lowell High School gymnasium.

The Ocean Avenue reconstruction job will consist of repairing, widening in places, and resurfacing Ocean Avenue from San Jose to Nineteenth Avenues. In addition the board has more than \$150,000 which will be allocated to various street improvements not yet decided upon. The principal proposed construction job is the widening and resurfacing of Fourth Street from Market Street to the Embarcadero, a similar project to those in the recently completed PWA street program.

Bids will be called within the next few weeks on five contracts aggregating \$138,500 to extend the auxiliary water supply system for fire protection. Funds for the projects have been allocated from the remainder of the \$2,000,000 high pressure bond issue of 1933.

Nearly all municipal public works projects during the next six months will be released through the Department of Public Works. The Public Utilities Commission has planned no large construction jobs during that period. The pro-

October, 1936, compared with 787 new orders taken during October, 1935, the Bureau of Census reports.

## \$4,645,000 ASKED FOR CONSTRUCT'N OF DEBRIS DAM

### U. S. Engineers Plan To Initiate Work On Reservoirs This Year

Appropriation of \$4,645,000 to start construction of four debris storage dams on sites in the Sierra foothills where hydraulic mining could be undertaken profitably is recommended by Major General Markham, chief of U. S. Engineers in his report to Congress on proposed rivers and harbors improvement. The funds would be obligated in the next fiscal year, with an additional appropriation required in 1938 to complete the project, estimated at \$6,945,000.

Work to be done next year on the Upper Narrows Dam on the Yuba River would require \$2,000,000, the engineers estimate. For construction of the Dog Bar Dam on the Bear River and incidental work, \$1,130,000 is requested. An additional \$690,000 is to be spent on the lower Ruck-A-Chucky Dam on the middle fork of the American River. A fourth dam is proposed at the North Fork site on the American River.

Engineers from the Sacramento district office are proceeding with site investigations this winter under a \$100,000 allocation from last year's appropriation.

Construction of the dams is advocated by mining interests of Nevada and Placer counties, who have contracted to amortize the cost over a period of twenty years by pro rata debris yardage stored. Completion of the dams would restore a phase of gold mining activity that has been dormant for half a century.

For other new construction in the Sacramento area the engineers advise appropriation of \$814,500 to be supplemented by state funds for flood control levee extensions to cost \$1,211,000. Levees are to be improved along the Sacramento and Feather rivers and the Yolo-By-Pass.

During October, 1936, shipments of steel office furniture amounted to \$1,776,784; steel shelving, \$435,211; steel lockers, \$419,864, and fireproof safes, \$234,096, according to the report of the Bureau of Census.

Manufacturers received new orders for 1,200 steel boilers during

## STATE TO HAVE \$33,269,000 FUND FOR HIGHWAYS

### Special Federal Grants Supplement Regular Program In 1938-1939

Expenditure of \$27,576,900 on major project construction is proposed by the California State Highway Commission during the 1937-39 biennial period commencing July 1. This is the sum estimated to be available for new work on the state highway system after maintenance charges, subventions to cities and miscellaneous items are deducted from the state gasoline tax and motor vehicle fee revenue. Of the total, \$9,500,000 is contributed by the Federal government from regular Federal-aid appropriations.

The program does not include a special apportionment to the state of Federal money to be expended on grade separation structures and for improvement of secondary or feeder routes. California will receive \$1,874,656 for grade separations in 1937 and 1938, or a total of \$3,749,312 in the biennial period; for feeder roads \$971,644 each, a total of \$1,943,288.

Adding these two special funds to the state's major project program gives a total of \$33,269,500 anticipated for contract work during the twenty-four months commencing July 1 and ending June 30, 1939. Spread over the two-year period it is the equivalent of about \$1,400,000 a month for new construction.

The forty-five Northern counties of the state will receive \$14,816,000 of the regular program total; thirteen Southern counties, \$12,760,000, the total apportionment being determined by state law. The details of the special Federal funds will not be known until rules and regulations for their allocation are received from the Secretary of Agriculture.

Seventy-three projects are listed for construction in Northern California and ninety-five in Southern California. The largest heavy grading job to be undertaken in the north is the reconstruction of the Altamont pass section of the San Francisco-Los Angeles valley route. The commission has set aside \$800,000 to be expended in grading and surfacing nine miles of this route in Alameda County between Greenville and Mountain House. For the grading and paving of 3.2 miles on Foothill Boulevard in Alameda Co., between San Leandro and Castro Valley, \$300,000 is allotted.

A total of \$1,092,000 is provided to continue reconstruction of the coast route in Santa Clara, San Benito and Monterey Counties. Four projects are listed, \$392,000 for grading, paving and bridges on 9.3 miles from Coyote to Paradise Valley in Santa Clara County; \$242,000 for a bridge and grading and paving 1.9 miles between Pajaro River and Sargent Crossing in Santa Clara and San Benito

## Berkeley Plant Awarded Gates At Imperial Dam

Secretary of the Interior Harold L. Ickes announces the award of contracts for manufacture and delivery of radial gates for the headworks of the Gila Valley Canal and for the sluiceway and channels of the desilting works at Imperial Dam, being constructed by the Bureau of Reclamation in the Colorado River near Yuma, Arizona.

The Pacific Iron and Steel Co., Ltd., of Los Angeles, was awarded the contract for manufacture and delivery of nine 35 x 14 feet radial gates for the headworks of the Gila Valley Canal at Imperial Dam the canal which will serve the Gila Valley project in Arizona, on its bid of \$21,116.72.

The same company was also awarded the contract for manufacturing and delivering twelve 16 x 7 feet radial gates for the sluiceway of the desilting works on its bid of \$9,291.04.

The Berkeley Steel Construction Company, Inc., of Berkeley, was awarded the contract for manufacture and delivery of fourteen 21 x 17 feet radial gates for the by-pass and influent channels of the desilting works on its bid of \$19,862.48.

The successful bids were the lowest on these items of nine proposals received by the Bureau of Reclamation at its Denver office October 22, 1936.

Counties; \$415,000 for a bridge over Salinas River and grading and paving one mile at Soledad; \$43,000 for a grade change in Monterey County.

In Santa Barbara County \$622,000 is to be expended on three contracts on the coast road.

The Redwood Highway will receive \$1,295,000 for ten projects in Mendocino, Humboldt and Del Norte Counties.

Of the total of \$3,592,000 allocated to counties in District IV the largest share will be spent in Santa Clara, a total of \$1,217,000; Santa Cruz will receive \$983,000; Alameda, \$800,000; Contra Costa, \$470,000; Marin, \$20,000. The Contra Costa allotment is for grading, surfacing and a grade separation structure on 10.3 miles on the Muir road.

An item of \$600,000 also is included in the program for operation, insurance and maintenance of the San Francisco - Oakland Bay Bridge.

  
**JAMES A. HIMMEL**  
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## BUILDERS REPORT \$1,622,862,000 WORK IN 1935

### Federal Business Census Shows 409,000 Employed In Construction

Seventy-five thousand and forty-seven contracting establishments performed \$1,622,862,000 worth of construction in the United States during 1935. William L. Austin, director of the Bureau of the Census, reveals in the first report of the Census of Construction, a part of the current Census of Business.

Establishments covered include general contractors, operative builders and special trade contractors. General contractors and operative builders did 58.2 per cent of the total and special trade contractors 41.8 per cent.

Detailed data furnished by 69,838 reporting establishments showed work performed valued at \$1,457,710,000. These contractors had an average of 409,137 employes during 1935 and disbursed in salaries and wages \$470,275,000. Data submitted by a smaller group of reporting establishments, 46,423 of them, revealed that expenditures for materials amounted to 42 per cent of the total value of work performed. Work performed by this group amounted to \$1,330,835,000.

Of the total work reported 55.1 per cent was privat construction and 44.9 per cent public construction. Of the work performed, 72.2 per cent was new construction and additions and 27.8 per cent was for remodeling, repairs and maintenance. In the case of special trade contractors 50.7 per cent of their work was in remodeling and repairs.

The volume just issued is the first of a series to summarize data for the construction industry as reported in the Census. The facts were collected during the first half of 1936 by a canvass of contracting establishments in every state, city and county in the United States. Construction reports were prepared under supervision of Geo. J. Lawrence.

The following tabulation shows the number of reporting establishments in the western states and the value of work performed:

	No. of Establish- ments	Value of work performed (add 000)
<b>Mountain States</b>	2,243	54,971
Arizona	204	5,373
Colorado	564	13,713
Idaho	296	8,891
Montana	287	7,657
Nevada	61	2,106
New Mexico	114	3,660
Utah	430	10,391
Wyoming	287	3,180
<b>Pacific States</b>	6,648	198,409
California	4,932	138,291
Oregon	654	24,329
Washington	1,060	35,879

# Uniform Clause For Building Condemnation To Be Studied By Standard Code Committee

By GEORGE N. THOMPSON

Chief, Building Codes Section, National Bureau of Standards

One of the subjects that will probably engage the attention of the building code correlating committee of the American Standards Association is how to deal with buildings that have become unsafe because of age or condition of use. Certainly if any feature of a building code is justifiable, it is the provision for protecting building occupants and the public from the consequences of deterioration and neglect. The principle is well established that public authority can protect citizens in such cases. The course of action varies to some extent in various jurisdictions but the underlying principles are the same.

The problem of how to get rid of old dilapidated buildings has always been difficult. It has become acute in recent years when the public has grown sensitive to frequent charges that municipal authorities are tolerating the existence of many substandard structures. Such structures undoubtedly do exist in considerable numbers. When they are erected they met the standards of their time, but progressive deterioration and changing currents of city life have made them unfit for normal use today. In many instances they are actually unsafe. So the question is presented how municipal authorities can deal with them without causing injustice to their owners.

The buildings fall into several classes, depending on their physical condition.

There are those that are aesthetically repellent and shabby, harboring an undesirable class of tenants although in the main still sound structurally.

There are those that are deficient in strength and fire resistance for their present occupancy but not sufficiently so to arouse any great degree of public indignation over their condition.

There are those that have traveled well along the road toward complete physical degeneration, with sagging beams, leaning walls, rain-soaked ceilings, and other manifestations of deterioration and neglect.

Finally, there are those that are obviously dangerous to their occupants and to passers-by.

## Need Replanning

All these structures are the victims of forces that operate silently but continuously in the direction of change.

The ravages of time are to be expected, but the tendency of cities to empty at their centers and increase in population at their peripheries has only recently been acknowledged. The consequence of this movement is to leave a large number of buildings, particularly dwellings, at the center without a use or useful only for some entirely different purpose than that

for which they were originally designed. Replanning of whole areas with wholesale destruction of existing buildings appears to be the only remedy in such cases. This, however, is beyond the scope of our discussion which is concerned with measures that can be taken with single buildings.

Authority is present in most municipal building codes to deal with unsafe buildings, but the procedure is hedged about with so many restrictions that it has not been extensively employed. It has sometimes been supplemented by more informal measures as in the case of one southern city. Here, it is said, the building official strolling by some old shack remarks casually to a group of colored idlers that he doesn't like the looks of the building and would be glad to see it gone. Whereupon mysterious but discreet sounds are heard in the night and when dawn breaks no trace of the offending structure is to be found. Obviously, such a method has very definite limitations.

The legal authority bestowed on the local building officials is of two kinds, one consisting of summary action in emergencies where collapse is imminent and the situation obviously cannot wait for refinements of procedure. Here the official can step in, rope off the area, shore up or demolish the structure, or take any other action that appears justified under the circumstances. Of course, such situations are infrequent.

The other case involves a situation where a building is reported to be potentially dangerous and on inspection is found in fact to be so. If the circumstances appear to warrant it, the official can order the building vacated. He can call upon the owner to make suitable repairs or remove the structure. If the owner neglects to act, or refuses, the official can step in, arrange to have the necessary work done and send the bill to the owner, this bill thereupon becoming a lien upon the property.

The owner can avail himself of several steps to safeguard his interests. He can appear at a hearing and dispute the official's contention. Frequently there is provision for a board of survey which determines whether the building actually is in the condition that the official claims it is. On this board the owner may have representation. In all cases, of course, he has recourse to the courts if he is dissatisfied with the treatment accorded him.

Often the vacating of a building effects strong pressure on an owner even though he may succeed in delaying actual repairs. The loss of rents and in reputation of the building is a penalty in itself and

## CONTRACTORS LIABLE FOR MARIN LICENSE

Notice is given San Francisco contractors planning to engage in work in Marin County that they are liable for a \$25 annual license fee by a bulletin from Geo. Murray, city tax collector of San Rafael. The license may be used for work in San Rafael, San Anselmo, Fairfax, Larkspur and Corte Madera.

an incentive to take prompt remedial measures.

Some recent building codes have gone beyond earlier practice in an apparent attempt to make action easier in border-line cases. For instance, the recently adopted code of Detroit has this to say:

"Whenever a building shall become vacant and abandoned, and the doors and windows, or a substantial part of them, shall have been removed or opened, leaving the interior of the building exposed to the elements and accessible to entrance by trespassers, such building shall be deemed dangerous and unsafe.

The building code of Denver, Colorado, also recently adopted, contains an extensive list of conditions deemed to make a building dangerous, including such items as defective flues, cracked foundations, crumbling plaster, and broken windows or doors admitting strong winds and rains.

These two codes cite physical conditions which are a considerable extension of the theory that structural integrity governs the determination of whether a building is dangerous or not. Their emphasis on general dilapidation and openness to the weather no doubt results from many experiences with structures where such conditions have been involved.

## Serious Injury Possible

It is becoming generally admitted that to leave a building abandoned to inroads of adventurous children and vandals all too often results in serious personal injury. Numerous instances have been authenticated where children have been injured in buildings progressively weakened by pilfering of interior finish and structural members. Fires have been set in such buildings, endangering adjoining property. These structures also all too frequently provide havens for gambling and gang activities. Whether these conditions will be regarded by the courts as sufficiently serious to justify requiring demolition is more or less an open question.

Vigorous application of legal authority is said to have resulted in the elimination of over 1800 substandard housing units in Milwaukee in a period of six years. Here a general rule has been suggested that where the costs of repairs of dilapidated and unsanitary buildings exceed 50 per cent of the entire replacement cost of the building, exclusive of good masonry foundations, the buildings should be razed.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2665	Middleton	Owner	4000
2666	Biggio	Giusti	1700
2667	Glade	Barrett	2900
2668	Pechart	O'Neill	1000
2669	Dokter	Mager	1800
2670	Dokter	Mager	1395
1	Christensen	Owner	4000
2	Christensen	Owner	4000
3	Liquid	Dunn	125000
4	Medau	Smith	4000
5	Brickell	Bienfield	3500
6	RUSS	Muller	2900
7	Heylin	Owner	3000
8	Scarpulla	Sartoris	2000
9	Harriman	Hogrefe	6000
10	Turner	Owner	13600
11	Columbia	Barrett	1900
12	Lindsay	Owner	3500
13	Sheldon	Miller	1800
14	Greenfield	Gowan	2676
15	Grahn	Owner	3000
16	Allen	Coburn	6000
17	Norwitt	Aetna	2500
18	Blevins	Owner	1000
19	Doelger	Owner	4000
20	Doelger	Owner	4000
21	Doelger	Owner	4000
22	Doelger	Owner	4000
23	Doelger	Owner	4000
24	Doelger	Owner	4000
25	Doelger	Owner	4000
26	Doelger	Owner	4000

### FACTORY

(2665) W. THIRD ST., 308 S 20TH.  
One-story Class C factory.  
Owner—Middleton & Watson, 63 Natoma.

Architect—W. D. Peugh, 333 Montgomery.  
Owner—F. W. Kellberg, 320 Market St. \$40,000

### ALTERATIONS

(2668) 133 SECOND ST. Alter restaurant.  
Owner—E. Biggio, Prem.  
Contractor—S. A. Giusti & Co., 200 Green St.  
Architect—Not Given. \$1700

### ALTERATIONS

(2667) NW TAYLOR AND ELLIS.  
Alter church.  
Owner—Glide Foundation, % Contractor.  
Contractor—Barrett & Hilp, 918 Harrison.  
Engineer—W. H. Ellison, Pacific Bldg.  
Architect—Not Given. \$2000

### ALTERATIONS

(2668) 776 17TH AVE. Alter dwelling.  
Owner—H. S. Pechart, Prem.  
Contractor—Daniel O'Neill, 273 Minna  
Architect—Not Given. \$1000

### ALTERATIONS

(2669) 2042 19TH AVE. Alter dwelling.  
Owner—J. and E. Dokter, Prem.  
Contractor—Mager Bros., 1359 4th Ave.  
Architect—Not Given. \$1800

### ALTERATIONS

(2670) 2058 19TH AVE. Alter dwelling.  
Owner—J. and E. Dokter, 2042 19th Ave.  
Contractor—Mager Bros., 1359 4th Ave.  
Architect—Not Given. \$1395

### DWELLING

(1) W. 27TH AVE., 175 S LAWTON.  
One-story and basement frame dwelling.  
Owner—Herman Christensen, 1801 19th Ave.

Architect—C. O. Clausen, 746 46th Ave. \$4000

### DWELLING

(2) W. 27TH AVE., 150 S LAWTON.  
One-story and basement frame dwelling.  
Owner—Herman Christensen, 1801 19th Ave.

Architect—C. O. Clausen, 746 46th Ave. \$4000

### FACTORY

(3) W. STEUART, 210 S HOWARD.  
One-story Class C factory.  
Owner—Liquid Carbonic Pacific Corporation, Ltd., 539 Mission.  
Contractor—Louis C. Dunn, Inc., 424 Monadnock Bldg.  
Engineer—Leland S. Rosener, 233 Sansome. \$125,000

### DWELLING

(4) E. CRAGMONT, 31 S ORIOLE WAY.  
One-story and basement frame dwelling.  
Owner—John Medau, 30 19th Ave.  
Contractor—M. Smith, 3723-A 17th St.  
Architect—Wilton Smith, Russ Bldg. \$4000

### ALTERATIONS

(5) 154 SANSOME ST. Alter stores.  
Owner—John Brickell Co., care Contractor.  
Contractor—D. L. Bienfield, 666 Mission.  
Architect—Hyman & Appleton, Foxcroft Bldg. \$3500

### ALTERATIONS

(6) 235 MONTGOMERY ST. Alter office building.  
Owner—Russ Bldg. Co., Russ Bldg.  
Contractor—A. G. J. Muller, 354 Russ Bldg.  
Architect—Not Given. \$2900

### DWELLING

(7) W. 22ND AVE., 300 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Ben Heylin, 1245 24th Ave.  
Architect—Not Given. \$3000

### ALTERATIONS

(8) 1237 POLK. Alter store.  
Owner—Mrs. Vha Scarpulla, care Peter Sartoris, 681 Market.  
Contractor—Peter Sartoris, 681 Market.  
Architect—Walter L. Huber, 1 Montgomery St.  
Engineer—Sidney Colton, 544 Market St. \$2000

### DWELLING

(9) S. MARINA BLVD., 260 W OF FILLMORE.  
2-story and basement frame dwelling.  
Owner—Lloyd S. Harriman, 41 Sutter St.  
Contractor—Herman C. Hogrefe, 359 24th Ave.  
Architect—Conrad T. Kett, 519 Callifornia. \$5000

### SHOP

(10) E. FOLSOM, 147 N 13th St.  
One-story Class C Shop.  
Owner—Turner Machinery Co., 734 Bryant.  
Contractor—Not Selected.  
Engineer—W. H. Ellison, 712 Pacific Bldg. \$13,000

### ALTERATIONS

(11) SW TAYLOR & O'FARRELL.  
Alter hotel.  
Owner—Columbia Hotel, Prem.  
Contractor—Barrett & Hilp, 918 Harrison.  
Architect—Not Given. \$1900

### DWELLING

(12) W. 33RD AVE., 183 S RIVERA.  
One-story and basement frame dwelling.  
Owner—Boyd C. Lindsay, 183 Oxford.  
Architect—Not Given. \$3500

### ALTERATIONS

(13) 2432 19TH AVE. Alter dwelling.  
Owner—Miss N. Sheldon, Prem.  
Contractor—Miller & McGillis, 527 19th Ave.  
Architect—Not Given. \$1000

### DWELLING

(14) SE COR. BARNEVELD AND GAVIN.  
One-story frame dwelling.  
Owner—A. J. Grunfield, 1000 Silver Ave.  
Contractor—L. D. Gowan, 136 Girard St.  
Architect—Not Given. \$3676

### DWELLING

(15) E. NUEVA, 250 S BLANKEN.  
One-story and basement frame dwelling.  
Owner—Wm. H. Grahn, 2965 Mission St.  
Architect—Not Given. \$3000

### ALTERATIONS

(16) 2865 JACKSON. Alter apartments.  
Owner—Allen Co., care Contractor.  
Contractor—Ira W. Coburn, 2048 Market St.  
Architect—Not Given. \$6000

### SERVICE STATION

(17) DIVISION AND TENTH STS.  
Steel service station.  
Owner—Barney Norwitt, care Contractor.  
Contractor—Aetna Construction Co., 1730 24th Ave.  
Architect—Not Given. \$2500

### OIL STATION

(18) SE COR. OCEAN AVE. AND PLYMOUTH.  
One-story steel oil station.  
Owner—L. Blevins, Prem.  
Architect—Not Given. \$1000

### DWELLING

(19) SE COR. 21ST AND MORAGA STS.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

### DWELLING

(20) E. 21ST AVE., 75 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah.  
Architect—Not Given. \$4000

### DWELLING

(21) W. 20TH AVE., 25 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah.  
Architect—Not Given. \$4000

### DWELLING

(22) E. 21ST AVE., 100 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

### DWELLING

(23) W. 20TH AVE., 75 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(24) E. 21ST AVE., 25 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(25) E. 21ST AVE., 50 S MORAGA  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(26) W. 20TH AVE., 50 S MORAGA.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder Inc., 320 Judah St.  
Architect—Not Given. \$4000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1946	Fairchild	Sigge	12250
1947	Payne	Owner	5000
1948	Guaranty	Owner	4500
1949	Guaranty	Owner	5400
1950	Warren	Owner	3500
1951	Trimlett	Owner	4000
1952	Fleming	Owner	5000
1	Van Ness	Owner	3000
2	Nelson	Nelson	4000
3	Nicholson	Nicholson	3500
4	Van Ness	Van Ness	3500
5	Williams	Coe	1100
6	Hannan	Slocombe	10000
7	Grant	Teigland	5500
8	Cunningham	Owner	3500
9	Woolworth	McDonald	1000
10	Badoun	Rose	1000
11	Gilmore	Stead	1000
12	Kopf	Owner	3500
13	Schloming	Jensen	3000
14	Later	Strang	7000
15	Noble	Walker	4000
16	Cowell	Owner	1000
17	McCarthy	Jordan	3000

**DWELLING**  
(1946) 50 ST. JAMES PLACE, ALAMEDA. Two-story seven-room residence and garage.  
Owner—T. H. Fairchild, 845 California St., San Francisco.  
Contractor—V. E. Sigge, 3912 Linwood Ave., Alameda.  
Architect—Miller and Warnecke \$12,250

**DWELLING**  
(1947) 1640 MOUNTAIN BLVD., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—E. Bennett Payne, 641 Mountain Blvd.  
Architect—E. R. DeChene, 364 14th Street. \$5000

**DWELLING**  
(1948) 3269 MARCOM AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder — Guaranty Home Bldg. Co., 404 14th St.  
Architect—Not Given. \$4800

**DWELLING**  
(1949) 3275 MARCOM AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder — Guaranty Home Bldg. Co., 404 14th St.  
Architect—Not Given. \$5400

**DWELLING**  
(1950) 3028 DAKOTA ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Weldon H. Warren 2044 Dakota St.  
Architect—Not Given \$3500

**DWELLING**  
(1951) 1829 DURANT AVE., OAKLAND. One-story 5-room dwelling.

Owner & Builder—Robert Trimlett, 924 Santa Clara Ave., Alameda.  
Architect—Not Given. \$4000  
Also 1-story garage, \$300.

**DWELLING**  
(1952) 223 FLORENCE AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—John Fleming, 2248 Coloma St.  
Architect—Not Given. \$5000

**DWELLING**  
(1) 4025 PATTERSON AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Elbert Van Ness, 3526 Morse Drive.  
Architect—Not Given. \$3000

**DWELLING**  
(2) 4059 HARDING WAY, OAKLAND. One-story 6-room dwelling.  
Owner—R. H. Nelson, 1950 Hoover Ave.  
Contractor—H. Nelson, 1950 Hoover Ave.  
Architect—Not Given. \$4000  
Also 1-story garage, \$160.

**DWELLING**  
(3) 8841 THERMAL AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Rachael S. Nicholson, Prem. Contractor—Don W. Nicholson, 550 Blossom Way, San Leandro.  
Architect—Not Given. \$3500

**DWELLING**  
(4) 4514 FAIRBAIRN AVE., OAKLAND. One-story 5-room dwelling.  
Owner—E. Van Ness, 4920 Park Blvd  
Contractor—L. E. Van Ness & Son, 1920 Park Blvd.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(5) 1446-50 FRANKLIN ST., OAKLAND. Alterations.  
Owner—M. Williams, Prem.  
Contractor—Wilbur C. Cone, 608 16th St.  
Architect—Not Given. \$1100

**STORE BUILDING**  
(6) 1440 LEIMERT BLVD. One-story store building.  
Owner—Jas. T. Hannan, Lafayette, Calif.  
Contractor—Geo. W. Anderson, 211 Hanover Ave.  
Architect—F. H. Slocombe, 131 Monte Cresta Ave. \$10,000

**DWELLING**  
(7) 975 MILLER, BERKELEY. 1-story 6-room frame dwelling.  
Owner—P. Grant, 1150 Laurel.  
Contractor—C. M. Teigland, 4607 Harwin Drive, Oakland.  
Architect—Not Given. \$5500

**DWELLING**  
(8) 3158 63RD AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—W. Cunningham, 3221 64th Ave.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(9) 3320 GRAND AVE., OAKLAND. Alterations.  
Owner—F. W. Woolworth Co. Financial Center Bldg.  
Contractor—McDonald & Kahn, Financial Center Bldg., San Francisco.  
Architect—Not Given. \$1000

**REPAIRS**  
(10) 1019 E. 33RD ST., OAKLAND. Fire repairs.  
Owner—L. J. Badoun, 1730 27th Ave  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1000

**GARAGE**  
(11) 1128 HIGH COURT, BERKELEY. Private garage.  
Owner—W. M. Gilmore, Prem.  
Contractor — Frank A. Stead, 3208 Boise.  
Architect—Not Given. \$1000

**DWELLING**  
(12) 1850 84th AVE., OAKLAND. One-story 5-room dwelling and 1-story garage.  
Owner and Builder—Ben T. Kopf, 845 Pacific Ave., Alameda.  
Architect—Not Given. \$3950

**DWELLING**  
(13) 6314 THORNHILL DR., OAKLAND. One-story 4-room dwelling.  
Owner—H. M. Schloming, 5462 Claremont Ave., Oakland.  
Contractor—H. K. Jensen, 2757 Rawson St., Oakland.  
Architect—Not Given. \$3,000

**DWELLING**  
(14) 4410 BRIDGEVIEW DR., OAKLAND. Two-story 6-room dwelling.  
Owner—A. Lauer, 360 Lenox Avenue, Oakland.  
Contractor—V. N. Strang, 1521 9th St., Alameda.  
Architect—Not Given. \$7,000

**DWELLING**  
(15) 1045 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—O. W. Noble, 815 Oxford St., Berkeley.  
Contractor—J. M. Walker, 1709 Grove St., Berkeley.  
Architect—Not Given. \$4,000

**ADDITION**  
(16) 3039 HILLEGASS, BERKELEY. Addition.  
Owner and Contractor—A. E. Cowell 3039 Hillegass, Berkeley.  
Architect—Not Given. \$1,000

**DWELLING**  
(17) 766 CRESTON, BERKELEY. One-story 4-room frame dwelling.  
Owner—J. J. McCarthy, 1317 Shattuck Ave., Berkeley.  
Contractor—M. Jordan, 221 Foothill Blvd., Berkeley.  
Architect—Not Given \$3,000

## ALAMEDA COUNTY

**SIGN**, metal, \$15; 1727 Jefferson St., Oakland; owner, F. Kler, Prem.; contractor, S. McAdam, 597 19th St.

**SIGNS**, metal (2), \$25; 1019 Clay St., Oakland; owner and contractor, H. S. Berovich, Prem.

**BUILDING**, 1-story frame, \$300; 5235 San Pablo, Oakland; owner and contractor, Gedon Cabonette, Prem.

**REPAIRS**, fire, \$600; 3361 Birdsall Ave., Oakland; owner, Floyd Grimes, Prem.; contractor, W. K. Borkelen, 439 23rd St.

**ALTERATIONS**, \$225; 2937 Russell, Berkeley; owner, R. T. Farmer, Prem.; contractor, Berkeley Fuel & Supply Co., 1444 Shattuck.

**ALTERATIONS**, \$150; 2309 Milvia, Berkeley; owner and contractor, L. Gordon, 2000 Bancroft Way.

**ALTERATIONS**, \$350; 2194 Shattuck, Berkeley; owner, W. E. Woolsey, 2055 Alston Way; contractor, Harry Smith, 2011 Francisco.

**ALTERATIONS**, \$470; 1742 Grant, Berkeley; owner, W. L. Davis, Prem.; contractor, Amer. Roofing Co., 4158 Broadway.

**ALTERATIONS**, \$100; 3000 Dohr St., Berkeley; owner, E. M. Lilly, Prem.; contractor, Crown Roof Co., 1911 E. 12th St., Oakland.

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
1	McConaghy	Johnson	2215
2	Western	McNeill	11600
3	Hyman	Mills	1350
4	Scarpulla	Sartorio	3349

**ALTERATIONS**

(1) 500-502 GRANT AVE. Alter 3-story Class C building.

Owner—John and Mary A. McConaghy, San Lorenzo.  
Architect—Reslog & McGuinness, 438 Pine St.  
Contractor—Joel Johnson & Son, 1614 Church St.

Filed Jan. 4, '37. Dated Dec. 31, '36.  
75% on acceptance.  
25% usual 35 days.

TOTAL COST, \$2,215.00

Limit, 20 days. Plans and specifications filed

(2) SE COR 10TH & MARKET STS. Cast-iron work for office building.

Owner—Western Furniture Exchange, Prem.

Contractor—McNeill Steinberg Mfg. Co., 36 Clyde St., San Francisco.

Filed Jan. 4, '37. Dated Dec. 15, '36.  
75% each month.  
25% usual 35 days.

TOTAL COST, \$11,000.00

Bonds, \$10,000 labor and material; \$1,000 maintenance. Surety, New York Casualty Co. Limit, Four wks. Specifications filed.

**ALTERATIONS**

(3) TAYLOR AND EDDY STS. Alter hotel.

Owner—W. L. Hyman, S. L. Hyman, H. H. Greenberg and J. L. Hyman, 742 Market St.

Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St.

Contractor—Mills Construction Co., Russ Bldg., San Francisco.

Filed Dec. 30, '36. Dated Dec. 18, '36.  
75% upon completion.  
25% usual 35 days.

TOTAL COST, \$1,350.00

Bond, \$1,350. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

**ALTERATIONS**

(4) 1237-39 POLK ST. Alter store.

Owner—Vita Scarpulla, 1633 Beach St., San Francisco.

Architect—Sidney A. Colton, 544 Market St., San Francisco.

Contractor—Peter Sartorio, 681 Market St.

Filed Jan. 2, '37. Dated Dec. 31, '36.  
Completion ..... \$2,511.75  
Usual 35 days ..... 837.25

TOTAL COST, \$3,349.00

Bond, \$3,349. Surety, Inland Bonding Co. Limit, 20 days. Plans and specifications filed.

**BUILDING CONTRACTS  
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
187	Simonds	Little	4790

**RESIDENCE**

(187) MAIN and Rose Sts, Hayward. Residence and garage.

Owner—Geo. P. and Marie S. Simonds, 192 Main St., Hayward.

Architect—Not Given.  
Contractor—F. C. Little, 1960 B St., Hayward.

Filed and Dated, Jan. 2, 1937.  
Fifth day after roof comp. \$1190  
Fifth day after wall finished. 1200  
Fifth day after completion. 1200  
Usual 35 days ..... 1200

TOTAL COST, \$1790

Limit, 90 days.

**BUILDING CONTRACTS  
SANTA CLARA COUNTY**

**RESIDENCE**

COR GLEN UNA DR. AND BELLE COURT AVE. SARATOGA, Cal.

Building complete residence.

Owner—Edward F. Kearney, Saratoga, Calif.

Architect—Not Given.  
Contractor—Fred Lindgren, 949 Capp St., San Francisco.

Filed Jan. 4, '37. Dated Dec. 29, '36.  
25% when roof is on.  
25% when brown coated.  
25% when completed.  
25% 35 days after completion.

TOTAL COST, \$6,085.00

Limit, 120 working days from Jan. 2, 1937. Specifications filed Jan. 4, 1937.

**SAN FRANCISCO CO., UNDER \$1000**

FLUE, \$34, 1876 Post St.; owner, Celia Cashman, Fram.; contractor, J. R. Shields, 1923 Post St.

ALTER dwelling, \$250; 2965 Clay; owner, R. Medevitch, Prem.

ALTER apartments, 1445 Lyon St.; owner, Mrs. McBriane, Prem.; contractor, Ira W. Coburn, 2048 Market.

SHED, 1-story frame, \$150; E. De Haro, 80 S. 17th St.; owner, E. Garafolo, 731 Cayuga.

ALTER apartment house, \$490; 225 Taylor; owner, Capital Co., 625 Market; contractor, D. C. McCabe, 430 Call Bldg.

SIGN, electric, \$50; 1521 Market St.; owner, Coca-Cola Co., Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero.

ALTER dwelling, \$500; 1870 19th Ave.; owner, Jennie Thompson, Prem.; contractor, Hanson Bros., 5840 Mission.

ALTER dwelling, \$400; 151 Downey St.; owner, Samuel Pirre, Prem.; contractor, Lincoln U. Grant, 658 Third St.

SIGN, electric, \$90; 500 Ellis; owner, General Drug Co., Prem.; contractor, Pacific Neon Mfg. Co., 2099 18th St.

BILLBOARD, \$7; E. West Portal, 293 Vicente; owner, Foster & Kiessler Co., 1675 Eddy St.

ALTER hotel, \$513; 184 6th St.; owner, Rene A. Vayssie, Roosevelt Hotel; contractor, Love & Haun, 696 Mission.

ALTER stores, \$500; NW College Ave and Mission; owner, Mr. Lee, Prem.

SIGN, electric, \$150; 3372-A Mission; owner, Hot Spot Lunch, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

BILLBOARD, \$7; S. Geary, 317 E Arguello; owner, Foster & Kiessler Co., 1675 Eddy St.

SIGN, electric, \$25; 954 Geneva; owner, Krausgilla's Delicatessen, Prem.; contractor, Wonderlite Neon Prod. Co. Ltd., 179 Otis St.

ALTER dwelling \$20; 202 Neptune St.; owner, James Demattel, NW Cor. Neptune and Williams.

SIGN, electric, \$150; 353 Geary St.; owner, Hotel Stewart, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

SIGN, electric, \$200; 843 Geneva; owner, Eastman's Ice Cream Co., Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.

FLUES, \$35; 1470 Pine St.; owner, K. J. B. S., 1335 Bush St.; contractor, General Sheet Metal Works, 1529 Pine St.

ALTER apartments, \$190; 125 Belvedere; owner, F. M. Sellers, Prem.

ALTER store, \$29; 275 Buena Vista; owner, Anthony Menico, 2358 Polk St.

SIGN, electric, \$250; 555 Taylor; owner, Langham Apt. Hotel, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER dwelling, \$50; 1391 20th Ave.; owner, James W. Allan, 502 Irving.

SIGN, electric, \$150; 352 O'Farrell; owner, Alexander's, Prem.; contractor, Wonderlite Neon Prod. Co., Ltd., 170 Otis.

FLUE, \$25; 2062 Greenwich; owner, Mr. Kennedy, 1953 Filbert.

SIGN, electric, \$400; 353 Geary St.; owner, Hotel Stewart, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

SIGN, electric, \$200; 412 Valencia; owner, Central Welding Co., Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero.

SIGN, electric, \$25; 2937 San Jose Ave.; owner, G. Bartoli, Prem.; contractor, Wonderlite Neon Products Co., Inc., 170 Otis.

ALTER apartments, \$900; 2700 23rd St.; owner, R. Broucade, Prem.; contractor, Franchin & Truffelli, 1165 Clay St.

ALTER flats, \$225; 1369 Ellis St.; owner, James Moore, 1453 Broderick.

ALTER dwelling, \$5; 2712 Greenwich; owner, I. Bianchini, 145 Alameda Ave.

SIGN, electric, \$125; 568 California; owner, College Coffee Shop, Prem.; contractor, Novelty Elec. Sign Co., Inc., 419 Larkin.

SIGN, electric, \$300; 915 Harrison; owner, Barrett & Hipl, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

SIGN, electric, \$150; 353 Geary St.; owner, Hotel Stewart, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

SIGN, electric, \$200; 1920 Irving; owner, Reith's Grocery, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero.

SIGN, electric, \$300; 456 Galvez; owner, Lincoln Cafe, Prem.; contractor, Wonderlite Neon Prod. Co., Inc., 170 Otis.

ALTER store, \$100; 1574 Folsom; owner, S. Hamburger, 110 Sutter St.; contractor, Andrew Pilon, 847 Duran St.

ALTER laundry, \$9; 2225 Greenwich; owner, Mr. French, Prem.; contractor, Tony D'Amico, 2345 Polk.

SIGN, electric, \$200; 554 San Bruno; owner, J. Judnick, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero.

SIGN, electric, \$75; 1930 Market St.; owner, J. Casey, Prem.; contractor, Pacific Elec. Constr. Co., 1198 Mission.

ALTER dwelling, \$400; 209 Capp St.; owner, Fred Putzke, care Contractor; contractor, Ira W. Coburn, 2048 Market.

SIGN, electric, \$150; 520 Broadway; owner, Doris Cafe, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero.

ALTER dwelling, \$150; 200 Miquel; owner, A. E. Keon, Prem.

ALTER dwelling, \$750; 1227 Union; owner, P. Bouzout, Prem.; contractor, D. Cappelletti, 667 Hampton.

ALTER hall, \$615; 747 Clay St.; owner, Sun Hall Benevolent Assn., Prem.; contractor, Sun Lee, 113 Waverly Place.

ALTER store, \$90; 1250-84 Market St.; owner, Geo. Weiss, Prem.

ALTER dwelling, \$950; 1233 19th Ave.; owner, Lee Amos, Prem.; contractor, John Newton, 2029 Kirkham St.

ALTER apartments \$200; 1047-49-51 Franklin; owner, Louise Fletcher, Prem.

SIGN, electric, \$200; 569 Geary St.; owner, R. Romero, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

ALTER stores, \$200; 905 Kearny; owner, N. Torrier, Prem.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | Offices                                     |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and Theaters              |
| 8.—Club Buildings               | 17.—Hotels and Decks                        |
| 9.—Hospitals                    | 18.—Misc. Const.                            |
| 10.—Hotels                      | 19.—Misc. Supplies & 20.—Misc. Supplies &   |

### 1— APARTMENTS

**Preparing Plans**  
**APARTMENTS** Cost, \$5,000  
 SAN FRANCISCO, Pacific Avenue bet. Franklin and Gough Sts.  
 Six-atory and basement steel frame Class C apartment building (30 3- and 4-room apts.; total of 108 rooms) hardwood floors, tile baths, modern interior decorations.  
 Owner—Olliver M. Rousseau, Inc., 321 Kearny Street.  
 Architect—H. C. Baumann, 251 Kearny Street.

**Contract Awarded**  
**APARTMENTS** Cost, \$90,000  
 SAN LEANDRO, Alameda Co., Calif. S. Dutton Ave., E of 14th St.  
 Four-atory apartment building (100 rooms), semi-modern style, hardwood floors, tile baths, two electric elevators, garages.  
 Owner—Name Withheld.  
 Architect—C. N. Burrell, Muller Bldg., Oakland.  
 Contractor—Nicholas Badding, 204 Garcia St., Oakland.

**To Be Opened by Day's Work**  
**APARTMENT HOUSES** \$18,000 ea.  
 OAKLAND, Alameda Co., Calif. Nr. Lake Merritt.  
 Five 20-room apartment houses, Spanish style, tile roofs, hardwood floors, tile baths, etc.  
 Owner and Builder—Millar White Construction Co., 306 Fifteenth St., Oakland.  
 Architect—Not Given.  
 The contractor desires sub bids on all portions of the work.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$17,000  
 BURLINGAME, San Mateo Co. Lot 10, Blk 6, El Camino Real.  
 Apartment building.  
 Owner and Builder—C. R. Whitney, care Jack & Jill Shop, 1443 Broadway, Burlingame.

**Sub Contracts Awarded**  
**APARTMENTS** Cost, \$31,000  
 BAKERSFIELD, Kern Co., Cal. 24th and C Streets.  
 Frame and stucco twelve-unit court apartments.  
 Owner—Paul Mitchener, 24th and C Sts.  
 Architect—Not Given.  
 Contractor—O. D. Williams, Jr., 506 G Street.  
 Electric—Advance Electric Co., 909 18th St.  
 Plumbing—Gundlach Plumbing & Sheet Metal Co., 2224 Chester Avenue.  
 Painting—DeArmond & Wagner.  
 Plaster—Pat Sughrie, 1729 Quincey St.

**Tile & Insulation**—O. W. McNay, 1669 1/2 Chester St.  
**Heating, Air Conditioning & Sheet Metal**—Sheet Metal Works, 1019 19th St.  
**Hardwood Floors**—T. W. Fraser, 207 Olander St.  
**Mill & Lumber**—Hayward Lumber Co., 1431 H St.  
**Linoleum**—Minner's Furniture Store, 1028 Baker St.

### 3— CHURCHES

**Additional Sub-Contracts Awarded**  
**CONVENT** Cost, \$60,000  
 SAN FRANCISCO, NE Geary Street and Eighth Avenue.  
 Three-story Class B reinforced concrete Sisters' residence (26 bedrooms, chapel to seat 30) composition roofing, steam heating oil burning system, terra cotta tile partitions in basement, solid plaster partitions throughout the building, art glass in chapel, gum finish in interior.  
 Owner—Roman Catholic Archbishop, 1100 Franklin Street.  
 Architect—John J. Foley, 770 Fifth Avenue.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Linoleum**—D. N. & E. Walter & Co., 562 Mission Street.  
**Finish Hardware**—Lee Hardware Co. Inc., 151 New Montgomery St.

### 4— FACTORIES & WAREHOUSES

**Miscellaneous Iron Bids In—Under Advertisment**  
**PLANT** Cost, \$2,000,000  
 OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Avenues.  
 Group of four buildings for glass manufacturing plant (brick and insular glass construction), concrete foundations, corrugated iron roofs and composition rooms, concrete floors, steel sash, etc.  
 Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (P. B. Ewert, vice-president in charge).  
 Structural Engineer—Kaj Thell, 580 Market St., San Francisco.  
 Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.  
 Mechanical Engineer—A. R. McLaren, 611 Howard St., San Francisco.  
 Electrical Engineers—Kuchel & Sievers, 468 5th St., San Francisco.

**Additional Sub-Contracts Awarded**  
**ADDITION** Cost, \$40,000  
 EMERYVILLE, Alameda Co., Calif.  
 Addition to linoleum plant (concrete, steel and tile construction).  
 Owner—Paraffine Companies, Inc. Engineer—Leland Rosener, 233 Sansome St., San Francisco.  
 Contractor—Barrett & Hlip, 981 Harrison St., San Francisco.  
**Roofing**—Alfa Roofing Co., 978 Indiana St., San Francisco.  
**Steel Sash**—Detroit Steel Prod. Co., 111 Sutter St., San Francisco.  
**Glass**—W. P. Fuller & Co., 301 Mission St., San Francisco.  
 As previously reported lumber contract awarded to Oakland Lumber Co., 6901 E 14th St., Oakland; reinforcing steel to Bethlehem Steel Co., 20th and Illinois Sts., San Francisco; concrete to Transit Concrete Co., 2500 Peralta St., Oakland; structural steel to Moore Dry Dock Co., foot of Adeline St., Oakland.

**Contract Awarded**  
**FACTORY** Cost, \$40,000  
 SAN FRANCISCO, Calif. W. Third St., S. 20th St.  
 One-story Class C factory building. Owner—Middleton & Watson, 63 Natoma.  
 Architect—W. D. Peugh, 333 Montgomery St.  
 Engineer—F. W. Kelberg, 320 Marine St.  
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.  
 Excavating—Fiombo Bros. & Co., 1571 Turk St.  
 It was previously reported in error that work was being done by day's labor.

**Contract Awarded**  
**WAREHOUSE** Cost, \$\_\_\_\_  
 SAN FRANCISCO, Calif. Spear and Bryant Streets.  
 Three-story reinforced concr. warehouse (137x137 ft.) to be built on pile foundation.  
 Owner—Santa Fe R.R. Co., Kerckhoff Bldg., Los Angeles.  
 Plans by Construction Department of Owner (M. C. Blanchard, Chief Engineer—Coast Lines).  
 Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

**Sub Contracts Awarded**  
**SHEDS** Cost, \$267,672  
 SAN FRANCISCO, Piers 9 and 19.  
 Two reinforced concrete sheds and bulkhead buildings (110x820 ft. each), steel frame, reinforced concrete walls, etc.  
 Owner—State of California (Board of Harbor Commissioners).  
 Engineer—Frank G. White, Ferry Building.  
 Contractor—Barrett & Hlip, 918 Harrison St., San Francisco.  
 Structural Steel—Columbia Steel Co., 235 Montgomery St.  
 Sheet Metal—Sheet Metal Service Co., 213 Octavia St.  
 Plumbing—F. W. Snook Co., 596 Clay Street.  
 Roofing—Malott & Peterson, 2412 Harrison St.  
 Reinf. Steel and Steel Sash—Concrete Engineering Co., 1280 Indiana St. (All of San Francisco.)

**Bids Wanted—To Close January 11, 12 P. M.**  
**MACHINE SHOP** Cost, \$12,000  
 SAN FRANCISCO, Calif. Folsom & 13th Sts.  
 One-story reinf. concrete machine shop.  
 Owner—Turner Machinery Co., 734 Bryant St.  
 Structural Engineer—W. H. Ellison, 821 Market St.  
 Fred K. DuPuy, 110 Sutter St., is figuring plans and desires sub bids on all portions of the work.

**Contract Awarded**  
**MFG. PLANT** Cost, \$150,000  
 SAN FRANCISCO, Steuart St. bet. Howard and Folsom Sts.  
 Two-story steel and concrete manufacturing plant for dry ice and carbonic gas; brick panel walls.  
 Owner—The Lould Carbonic Pacific Corp., Ltd., 539 Mission St., San Francisco.  
 Plans by Construction Department of Owner, Chicago Office.  
 Consulting Engineer—Leland Rosener, 233 Sansome St., San Francisco.  
 Mechanical Engineer—Liebermann & Hein, 190 North Street St., Chicago.  
 Contractor—L. C. Dunn, 424 Monadnock Bldg.



**Additional Sub-Contracts Awarded**  
**SHOP** Cost, \$30,000  
 SAN FRANCISCO. SW Harrison and Main Streets.  
 Class C Shop  
 Owner—Christie Machine Works, 222 Howard Street.  
 Architect—Dodge A. Riedy, 821 Market Street.  
 Engineer—W. H. Ellison, Pacific Building.  
 Contractor—Geo. Wofner, 181 South Park.  
**Roofing**—Alta Roofing Co., 976 Indiana Street.  
 Mill Work—Pacific Mfg. Co., Santa Clara.

As previously reported, excavation awarded Sibley Grading & Teaming Co., 165 Landers St.; lumber to Loop Lumber Co., foot of 16th St., Central Basin; ready-mix concrete to John Cassaretto Co., 345 Berry St.; plumbing to J. H. Pinkerton, 927 Howard St.; steel sash to Detroit Steel Co., 111 Sutter St.; structural steel to Judson Pacific Co., 609 Mission St.; miscellaneous iron to Schrader Iron Works.

**Additional Sub-Contracts Awarded**  
**FACTORY** Cost, \$56,000  
 SAN FRANCISCO. Sixteenth Street and Vermont.  
 Three-story reinforced concrete factory (300x140 feet).  
 Owner—Echlin Manufacturing Company, 799 Golden Gate Avenue.  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Consulting Engineer—F. W. Keller, 320 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Sheet Metal**—Fire Protection Products Co., 1101 16th Street.  
**Plastering**—A. W. Cordes, 666 Mission Street.  
**Mill Work**—Empire Mill Co., 2800 3rd Street.  
 Complete sub-contracts published December 28 and 30.

**Additional Sub-Contracts Awarded**  
**BUILDING** Cost, \$125,000  
 SAN FRANCISCO. Tenth and Bryant Streets.  
 Two-story and basement reinforced concrete bottling and canning plant.  
 Owner—San Francisco Brewing Co., Tenth and Bryant Streets.  
 Engineer—W. E. Murray, 908 Hayes.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Underpinning**—Harry E. Drake, 666 Mission Street.  
**Shoring**—D. J. and T. Sullivan, Inc., 1940 Folsom Street.  
 As previously reported: grading awarded to San Francisco Grading Co., 6565 3rd St.

**CONTRACT AWARDED**  
**LOS ANGELES CO.** Cal.—Robert E. Millsap, 603 Pacific Commerce Bldg., Los Angeles, awarded contract for the erection of two additions to a refinery at 3750 Jewel Avenue for Swift & Co. One addition will be a four-story, Class A structure. The other, two stories, 40x 40 feet, will have cork insulation. Cost, \$70,000.

**Contract Awarded**  
**ALTERATIONS** Cost, \$7,000  
 SAN FRANCISCO. 2865 Jackson St.  
 Alter apartments.  
 Owner—Allen Co., care contractor.  
 Architect—Not Given.  
 Contractor—L. W. Coburn, 2048 Market Street.

**Miscellaneous Iron Contract Awarded**  
**PLACENTIA** Cost, \$2,000 000  
 OAKLAND, Alameda Co., Cal. Fruitvale and Alameda Aves.  
 Group of four buildings for glass manufacturing plant (brick and in-aulx glass construction), concrete foundations, corrugated iron

roofs and composition ronna, concrete floors, steel sash, etc.  
 Owner—Owens-Illinois Pacific Coast Co., 85 Second St., San Francisco (E. B. Burt, vice-president in charge).  
 Structural Engineer—Kaj Theil, 580 Market St., San Francisco.  
 Mgr. of Construction—P. J. Walker Company, Sharon Building, San Francisco.  
 Mechanical Engineer—A. R. McLarren, 611 Howard St., San Francisco.  
 Electrical Engineers—Kuchel & Stevers, 468 5th St., San Francisco.  
**Miscellaneous Iron**—Fair Mfg. Co., 617 Bryant St., San Francisco.

## 5—FLATS

**Contract Awarded**  
**FLATS** Cost, \$7,000  
 SAN FRANCISCO. Valley and Dolores Streets.  
 Two-story frame and stucco flat building.  
 Owner—C. L. Rouspel, % contractor.  
 Architect—Not Given.  
 Contractor—H. Erickson, 972 Cheney Street.

## 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
 SACRAMENTO. Sacramento Co. Cal. Thirty-first and T Streets.  
 Gasoline service station.  
 Owner—General Petroleum Corp. of California, 310 Sansome St., San Francisco.  
 Plans by Engineering Dept. of the Owner.  
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
 SAN FRANCISCO. Lawton Street and 25th Avenue.  
 Gasoline service station.  
 Owner—General Petroleum Corp. of California, 310 Sansome St., San Francisco.  
 Plans by Engineering Dept. of the Owner.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
 FRESNO. Fresno Co., Cal. Broadway and Calaveras Street.  
 Gasoline service station.  
 Owner—General Petroleum Corp. of California, 310 Sansome St., San Francisco.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
 FRESNO. Fresno Co., Cal. Broadway and Calaveras Street.  
 Gasoline service station.  
 Owner—General Petroleum Corp. of California, 310 Sansome St., San Francisco.  
 Plans by Engineering Dept. of the Owner.  
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

## 7—FEDERAL BUILDINGS

**MATERIALS APPROVED**  
**MARTINEZ**, Contra Costa Co., Cal. Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Martinez, George Petersen, 1811 Bancroft Ave., San Leandro, general contractor, Oil Star and gas-burning equipment, S. T. Johnson Co.; electric water coolers, Halsey W. Taylor Co.; sump pump, Well Pump Co.

**MATERIALS APPROVED**  
**PORTLAND, Ore.**—Treasury Department approved following building material and equipment awards for the construction of the East Portland Postal Station. George Isaacson Co., 334 Worcester Bldg., Portland, general contractor; Plumbing

fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey W. Taylor Mfg. Co.; water pipe, Bridgeport Brass Co.; back-water valve, Blake Specialty Co.; back-water cesspools, Blake Specialty Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; oil heater, Edison General Elec. Co.; boiler, Kewanee Boiler Corp., oil burner, S. T. Johnson Co.; tub radiators, Am. Radiator Co.; wall radiators, Am. Radiator Co.; non-conducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, James P. Marsh Co.; air valves for radiators, Am. Radiator Co.; air valves for ends of steam mains, Am. Radiator Co.

## CONTRACT AWARDED

**SAN DIEGO, Calif.**—Ingle Manufacturing Co., 930 W. Grape St., San Diego, at \$481.50, awarded contract by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 3348, for a new hood and an over existing flatwork ironer at the Naval Hospital, San Diego.

## BIDS WANTED

**SAN DIEGO, Cal.**—Until Jan. 20, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing interior lighting fixtures to the new U. S. P. O., etc., at San Diego.

Specifications obtainable from the above office. No deposit required.

## BIDS WANTED

**VENTURA, Calif.**—Until Jan. 20, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. P. O. at Ventura.

Specifications obtainable from the above office and from the Custodian of the building at Ventura.

## BIDS WANTED

**REDONDO BEACH, Los Angeles Co., Calif.**—Until Jan. 26, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. P. O. at Redondo Beach.

Specifications obtainable from the above office and from the Custodian of the building at Redondo Beach.

## BIDS WANTED

**NOME, Alaska.**—Until April 6, 1 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. P. O. and Court House at Nome. Estimated Cost, \$425,000. Plans and specifications may be obtained from above office. No deposit required for three sets of plans. For additional sets, \$10 deposit is required.

## LOW BIDDERS

**LIVERMORE, Alameda Co., Calif.**—Schuler & McDonald, Inc., 1723 Webster St., Oakland, at \$101,900, submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for the interior construction of the Infirmary Ward Building and Connecting Corridor, at the Veterans' Administration Facility, Livermore.

The work includes walks, grading and drainage reinforced concrete brick work, slate stair treads, marble work floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel cabinets and shelving, built-up roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical

work, outside service connections, etc. Vilhadsen Bros., Inc., 354 Hobart St., Oakland, at \$105,000, submitted second low bid on general construction work.

Separate bids were received for electric elevator, for which Otis Elevator Co., 1 Beach St., San Francisco, at \$4,500, submitted low bid.

**BIDS WANTED**

**TORRANCE, Los Angeles Co., Cal.** —Until Jan. 26, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washburn, D. C., for insect screens at the U. S. P. O. at Torrance.

Specifications obtainable from the above office and from the Custodian of the Building, at Torrance.

**BIDS WANTED**

**YERBA BUENA ISLAND**—Until January 11, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 468-37-130, for making approximately seven cork borings on Yerba Buena Island at the reservoir site about 200 feet west of the large rectangular concrete Naval reservoir on the top of the Island.

The work involves:

- (1) 38 ft. overburden drilling;
- (2) 292 lf. core drilling.

Specifications obtainable from the above office.

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until Jan. 19, 11 A. M. bids will be received by the Headquarters, Naval Operating Base 11th Naval District, San Diego, under Spec. No. 8401, for repairs to ice freezing tank at the 11th Naval District Hospital, San Diego.

The work consists of the replacement of the existing direct expansion steel coils of the present ice freezing tank (approx. 1100 lf. of 1 1/4 inch extra strong steel pipe) and includes in general (a) new coils in tank to replace old ones removed, and (b) removal of the existing wood covers and framing lumber within the existing tank and replacement with new wood framing, new wood covers, and new supports for the top of the freezing tank. The Government will provide at site of the work all new lumber for framing and supports, and new fabricated covers ready for installation. Freezing tank is approximately 3 ft. 6 in. wide, 3 ft. 4 in. deep and 18 ft. long.

Specifications obtainable from the office of the Public Works Officer Headquarters, 11th Naval District, foot of Broadway, San Diego, upon deposit of \$10.00.

**BIDS WITHDRAWN**

**SAN PEDRO, Los Angeles Co., Cal.**—All bids received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counter unit in the U. S. Post Office and Custom House at San Pedro, were withdrawn.

**BIDS OPENED**

**PHOENIX, Ariz.**—Henry L. Grohne, Decatur, Ill., at \$1,839, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for new partitions, etc., in the U. S. Post Office at Phoenix.

Complete bids follow:

Henry L. Grohne, Decatur, Ill. \$1,839  
W. Poore, New York, N. Y. \$1,890  
Lewis Bros., Phoenix, Ariz. \$2,594

**BIDS OPENED**

**SAN FRANCISCO**—Sarvas Electric Company, Brooklyn, N. Y., at \$1,170, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for motor generator sets at the U. S. Mint at San Francisco.

Complete bids follow:

Sarvas Electric Co., New York \$17,450  
Severin Elec. Co., S. F. \$18,800  
Star Delta Elec. Wks., S. F. \$19,894  
H. S. Little Co., Inc., S. F. \$21,300  
Fairbanks, Morse & Co., Inc., New York City \$23,393

**8— CLUB BUILDINGS**

**ALTERATIONS** Cost, \$20,000  
**OROVILLE, Butte Co., Calif.** 1445 Myers Street. Alterations and additions to Sandier Bldg. to accommodate new Elks Hall (widening of building 10 ft., addition of second floor, complete remodeling). Owner—Elks Hall Association. Architect—Not Given.

**Preparing Working Drawings**  
**MASONIC TEMPLE** Cost, \$.....  
**FRESNO, Calif.**  
Masonic Temple. Owner—Scottish Rite. A. & A. S. R. Architect—Fred L. Swartz, Erix Bldg. and W. D. Coates, Jr., Rowell Bldg., Fresno. Structure Engineer—F. W. Kellberg, 320 Market St., San Francisco. Mechanical Engineer—G. M. Simonson, 74 New Montgomery St., San Francisco. Electrical Engineer—Carl Wolf, Fresno. Bids will be asked in about one month.

**9— HOSPITALS**

**BIDS WANTED**  
**SAN FRANCISCO**—Until January 20, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5397, for electric service for the Psychopathic-Cancer Building, Potrero Ave. and 22nd Street. Estimated cost, \$5,000.

Work consists of installation of all conduit, conduit hangers, boxes, wiring, etc., from the main switchboard in the Power House of the San Francisco Hospital to the Psychopathic-Cancer Building.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall.

**Bids Requested**  
**HOSPITAL** Cost, \$44,537  
**DELANO, Kern Co., Calif.**  
One-story hospital clinic (reinforced concrete floors, walls and ceilings; tile roof over wood frame; interior partitions, metal studs, metal lath and plaster, low pressure steam heat, air washer and cooling system; compressed air; call system; high pressure steam for sterilizing). Owner—County of Kern (F. E. Smith, County Clerk).

Architect—Office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

The Board of Supervisors has rejected all bids received, and the job closed.

Following are the complete bids:

<b>General Work</b>	
Midstate Constr. Co., Fresno	\$34,797
Trehwitt-Shields & Fisher, Fresno	35,320
A. J. Hendricks, Bakersfield	37,450
Opperman & Co., Bakersfield	37,700

<b>Electrical Work</b>	
Louis F. Bauer, Bakersfield	3,600
Norma A. Russell, Santa Rosa	3,750
J. E. Pettijohn, Delano	3,775
Sam Fingerhut, Bakersfield	4,372

<b>Plumbing and Heating</b>	
W. M. McKenney, Bakersfield	11,830
J. E. Pettijohn, Delano	11,800
S. C. Brown & Co., Los Angeles	12,866

A grant of \$20,041 was recently approved by the P.W.A.

**Awards Recommended**  
**ADDITION** Cost, \$35,000  
**AUBURN, Placer Co., Calif.**  
One-story reinforced concrete ward addition to county hospital (90 sq. ft. ward), composition roofing, steel sash, steam heating system.

Owner—County of Placer (A. S. Fleming, Clerk).

Architect—W. E. Coffman, 833 Forum Bldg., Sacramento.

Low Bidder—Charles T. McCloud, 191 Tennis Way, Auburn.

Recommendation has been made that the contract for general work be awarded Chas. T. McCloud, Auburn, at \$30,822.85, and contract for sheet metal, lathing, plumbing, and heating to the Auburn Lumber Co., Auburn, at \$5,457.

**Contract Awarded**  
**WARD BLDGS.** Cont. Price, \$72,900  
**SPRINGVILLE, Tulare Co., Calif.**  
Four frame and stucco ward buildings (one 36-bed women's and children's ward bldg., 13,322 sq. ft., and three 10-bed units for general tubercular patients, 7,008 sq. ft.) reinforced concrete foundations; cement plaster exterior; pine and linoleum floors; the floor and door sash; 2 1/2 inch electric wiring; trim pine interior, steam heat, hardwall plaster, signal call system, boiler for heating plant, ducts and conduits for steam and hot water transmission; clay tile roofing on the women's and children's unit; shingle roofing on the 3 smaller units.

Owner—Tulare-Kings Counties Joint Tubercular Sanitarium (Norman C. Wolf, Recording Secretary) Court House, Visalia.

Architect—Ernest Kump, Rowell Building, Fresno.

Contractor—Trehwitt - Shields and Fisher, 1501 Pacific Southwest Building, Fresno.

Harris Construction Co., Fresno, was granted permission to withdraw their low bid of \$68,579, and the Board of Supervisors has awarded the contract to the second low bidders, Trehwitt-Shields & Fisher, of Fresno, at \$72,900, subject to approval by the P.W. which has allotted a grant of \$37,800 to assist in financing construction.

**BIDS WANTED**

**SAN FRANCISCO, Calif.**—Until January 20, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, (1) arranging and installing gas and oil burners for power plant, under Spec. No. 5400. Estimated cost, \$2,500; (2) repairing and reconditioning of the steam turbine electric generator, under Spec. No. 5401. Estimated cost, \$2,500; (3) repairs to the boilers in the power house, under Spec. No. 5402. Estimated cost, \$8,500; and (4) repairing and reconditioning furnaces of the boilers, at the San Francisco Hospital, Potrero Ave. between 22nd and 23rd streets.

Specifications may be obtained from the office of the City Architect, Chas. H. Sawyer, Room 265, City Hall.

**CONTRACT AWARDED**

**TEHAMA COUNTY, Cal.**—O'Connor Hardware Co., Red Bluff, was awarded contract, at \$881, by the Tehama County Board of Supervisors, to furnish and install Court House Red Bluff, for furnishing and installing a pressure system at the new Tehama County Hospital.

The only other bid was submitted by Allen & Allen, Red Bluff, at \$984.

## 10—HOTELS

Plans Being Figured  
OFFICE BLDG., ETC. Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
14th and Santa Clara.  
Two-story frame and stucco building (doctor's offices on the first floor, 4-room apartment on second floor), hot air heat, tile and built-up gravel roof, steel sash, hardwood floors in apartment, linoleum floors in offices.  
Owner—Mr. and Mrs. J. Pogle.  
Architect—Chas. McKenzie, Twohy Bldg., San Jose.  
Plans are being refigured by M. W. Reese, 1210 Minnesota Ave., San Jose, and by W. H. Schwartz, 521 South Eighth St., San Jose, who submitted the previous low bids at \$9,970 and \$10,100 respectively.

Planned  
ADDITION Cost, \$25,000  
SANTA CRUZ, Santa Cruz Co., Calif.  
Pacific Ave. and The Esplanade.  
Addition to El Trovatore Hotel (modern marine cafe and dance casino), glass fronts and sides.  
Owner—Peter Tori.  
Architect—C. J. Ryland, Monterey.  
The existing hotel property will be moved back before construction of the new addition begins.

## 12 POWER PLANTS

BIDS OPENED  
SAN FRANCISCO—Ocean Shore Iron Works, 350 Eighth St., at \$175, submitted the only bid received by the Department of Public Works, City Hall, under Spec. No. 5366, for removing old outer shell and liner and replacing with new 5/16-in. boiler plate outer shell and 3/4-in. liner. No. 10, 12 and 14, at Municipal asphalt plant, Florida and Treat Ave.

13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

BIDS OPENED  
SAN FRANCISCO—The American Building Maintenance Co., 467 O'Farrell St., at \$644, submitted only bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5367, for cleaning exterior terra cotta of branch libraries at 24th and Bartlett Streets, Green and Octavia Sts., and 18th Ave. and Irving.  
Bids follow:  
For cleaning 24th and Bartlett Sts. library.....\$248  
For cleaning Green and Octavia Sts. library.....198  
For cleaning 18th Ave. and Irving St. library.....198

Extra Work Authorized  
ALTERATIONS Cost, \$10,000  
NEVADA CITY, Nevada Co., Calif.  
Court and Pine Streets.  
Reconstruction and alteration of the existing jail building and construction of a new addition (new cells and offices).  
Owner—County of Nevada.  
Architect—George S. Sellen, California State Life Bldg., Sacramento.  
Contractor—Lindgren and Swinerton, Inc., 619 H St., Sacramento.  
The Board of Supervisors has authorized Mr. Sellen to prepare plans for the alterations, the work to be done on a cost plus basis with an extra contract by Lindgren & Swinerton, contractors for the new courthouse addition.

Plans Approved  
FIRE HOUSE & SHOP BUILDING  
COST, \$34,891  
PORTERVILLE, Tulare Co., Calif.  
Cleveland, Hockett, Fourth and

Thurman Streets.  
One - story and basement reinforced concrete fire house (60 x 100 x 23 ft.) concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted concrete exterior walls, plumbing and heating. One-story reinforced concrete shop building (60x110x18 feet) corrugated iron roof on steel trusses, concrete floors.  
Owner—City of Porterville.  
Architect—W. D. Coates, Rowell Building, Fresno.  
Plans and specifications have been approved by the PWA which recently allotted a grant of \$15,700 to assist in financing the project.

Plans Being Figured — Bids Close  
January 18, 9 A. M.  
CITY HALL Cost, \$54,000  
SANTA CRUZ, Santa Cruz Co., Calif.  
Church and Locust Streets.  
One- and two-story reinforced concrete City Hall (first unit), stucco exterior, shingle tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slab on steeltek, low pressure steam heating system, etc. (Mayor's office, Water Department, Police Department and Jail).  
Owner—City of Santa Cruz (S. A. Evans, City Clerk).  
Architect — C. J. Ryland, Monterey and Carmel.

A grant of \$24,327 has been approved by the PWA.  
Plans and specifications obtainable from the architect and from City Engineer Roy Fowler, upon deposit of \$25.  
Bids must be in by 9 a.m. and will be opened at 9:30 a.m.  
Following have procured plans:  
J. R. McGranahan, care Hughes Lbr. Co., 576 Soquel Ave., Santa Cruz.  
F. E. Wallstrom, Watsonville.  
E. E. Atherton, Monadnock Bldg., San Francisco.  
Nielsen & Erbenraut, 1270 Iris Ct., San Jose.  
B. A. Hawkins & Co., 1182 Market St., San Francisco.  
Tilden Lumber & Mill Co., 400 High St., Oakland.  
Paul H. Crabtree, 109 Seabright Ave., Santa Cruz (plastering).  
N. J. Sioberg & Son, 5604 E. 16th St., Oakland.  
Barrett & Hilp, 918 Harrison St., San Francisco.  
Trewitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

REJECTION APPROVED  
ALAMEDA-CONTRA COSTA COS. Calif.—The PWA has approved the rejection of all bids received by the Board of Directors of Joint Highway District No. 13, under Schedule "B" for the completion of construction of ventilation buildings, including portions of electrical equipment, of the Broadway Low Level Tunnel. The district has not yet, however, been authorized to proceed with the work by day labor.  
K. E. Parker Co., 135 South Park, San Francisco, at \$45,892, submitted low bid December 9.  
Wallace B. Boggs, chief engineer.

Sub Contracts Awarded  
TOLL PLAZA AND BUILDING  
Contract Price, \$216,000  
SAN FRANCISCO, Golden Gate Bridge.  
Toll plaza and building, exclusive of the toll-registering equipment (1-story wood frame bldg, built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash), comprising administration and maintenance offices and 14 toll-collection booths.  
Owner—Golden Gate Bridge District, 111 Sutter Street.

Architect — Irving F. Morrow, de Young Building.  
Engineers—Strauss & Paine, 111 Sutter Street.  
Contractor—Barrett & Hilp, 918 Harrison Street.  
Brick—White & Gloor, 448 Monadnock Bldg.  
Vault Equip. — The Hermann Safe Co., 200 Howard St.  
Burglary Equip.—O. B. McClintock Co., 117 Front St.  
Steel Lockers — Munthe Equipment Co., 102 New Montgomery St.  
Mill Work — Pacific Manufacturing Co., Santa Clara.  
Paving—Eaton & Smith, 715 Ocean Ave.  
Steel Studs, Reinf. Steel, and Steel Sash—Soule Steel Co., 1750 Army Street.  
Electric Work — Alta Electric Co., Inc., 467 O'Farrell St.  
Plumbing & Heating — Anderson & Ringrose, 220 Market St.  
Overhead Doors — Parker-Carpenter Co., 604 Mission St.  
Finish Hardware—E. M. Hundley, 662 Mission St.  
Fence & Misc. Equip — Anchor Post Fence Co., 460 5th St.  
Structural Steel—Judson-Pacific Co., 609 Mission St.  
All of San Francisco, unless otherwise noted.

Planned  
FIREHOUSE Cost, \$28,000  
HANFORD, Kings Co., Calif. Lacey Blvd. and Kaweah St.  
Two-story reinforced concrete fire-house (apparatus room, recreation hall, club room, kitchen, chief's office, and lavatories on first floor; five bedrooms, dormitory, washroom, locker room, on second floor).  
Owner—City of Hanford.  
Architect — W. D. Coates, Rowell Bldg., Fresno.  
The Council has authorized Mayor E. H. Cassidy to file an amended application with the PWA for a grant of \$12,705. If the Federal grant is approved, the city will furnish the balance of \$15,528.

Bid Opening Postponed Until January 18, 7:30 P. M.  
ADDITION Cost, \$.....  
DELANO, Kern Co., Calif.  
Jail addition (two cells).  
Owner—City of Delano.  
Architect—Office of Edwin J. Symmes, Haberfelde Bldg., Bakersfield.  
Plans and specifications obtainable at the office of the City Clerk, City Hall, upon deposit of \$5.  
Date of opening bids has been extended from January 4, previously reported.

Bids Opened  
COURT HOUSE AND JAIL  
Cost, \$192,000  
SANTA CRUZ, Santa Cruz Co., Cal.  
Front Street.  
Three-story and basement reinforced concrete, fireproof court house and jail (concrete floors, metal sash and plaster partitions, linoleum floor covering, steam heat; jail, 30 cells; office bldg., 120x35 feet).  
Owner—County of Santa Cruz.  
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.  
Structural Engineer — H. J. Brunner, Sharon Building, San Francisco.  
A grant of \$85,310 has been approved by the PWA.  
Recommendation was made that contract be awarded Barrett & Hilp, 918 Harrison St., San Francisco, on a main bid of \$12,461, including Alternates 5, 6 and 7, and referred to PWA.  
Bids were taken with the following alternate:

- (1) Changing tread in main stairs, including platforms, in cast terrace instead of marble;
- (2) If basement floor slabs are 6-in. instead of 8-in. slabs;
- (3) If Venetian blinds are installed instead of window shades;
- (4) If kitchen floor (No. 317) has ceramic tile floor instead of 6-in. plain quarry tile;
- (5) If exterior walls on 1st and 2nd floors are arranged with wireways and removable front;
- (6) If steel, both solid plate & grille work, in cells and dry room is made of tool proof instead of open hearths;
- (7) If all cell doors are sliding instead of hinge and locking.

Complete bids follow:  
**K. E. Parker Co., S. F.**.....\$179,322  
 .....Alt. (1) add.  
 .....Alt. (2) ded. 300  
 .....Alt. (3) add. 690  
 .....Alt. (4) add. 365  
 .....Alt. (5) add. 1,170  
 .....Alt. (6) add. 3,300  
 .....Alt. (7) add. 5,325

**Jarrett & Hilp, 918 Harrison St., San Francisco.**.....\$182,461  
 .....Alt. (1) add. 240  
 .....Alt. (2) ded. 300  
 .....Alt. (3) add. 850  
 .....Alt. (4) add. 350  
 .....Alt. (5) add. 350  
 .....Alt. (6) add. 2,690  
 .....Alt. (7) add. 3,200

**Monson Bros., S. F.**.....\$183,967  
 .....Alt. (1) add.  
 .....Alt. (2) ded. 365  
 .....Alt. (3) add. 900  
 .....Alt. (4) add. 300  
 .....Alt. (5) add. 400  
 .....Alt. (6) add. 10,500  
 .....Alt. (7) add. 3,500

**DeLuca & Sons, Inc., S. F.**.....\$185,448  
 .....Alt. (1) add. 1  
 .....Alt. (2) ded. 400  
 .....Alt. (3) add. 850  
 .....Alt. (4) add. 325  
 .....Alt. (5) add. 1,000  
 .....Alt. (6) add. 2,500  
 .....Alt. (7) add. 3,250

**Amoroso & Sons, S. F.**.....\$189,100  
 .....Alt. (1) add.  
 .....Alt. (2) ded. 360  
 .....Alt. (3) add. 950  
 .....Alt. (4) add. 300  
 .....Alt. (5) add. 335  
 .....Alt. (6) add. 3,000  
 .....Alt. (7) add. 3,800

**14— RESIDENCES**

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**OAKLAND,** Alameda Co., Cal 4410  
 Briarview Drive.  
 Two - story frame and stucco residence (6 rooms) garage.  
 Owner—A. Later, 360 Lenox Avenue, Oakland.  
 Architect—Not Given.  
 Contractor—V. N. Strang, 1521 Ninth St., Alameda.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO,** West 20th Ave and Moraga St. and E 21st Ave and Moraga Street.  
 Eight one-story and basement frame and stucco residences.  
 Owner and Builder—Henry Doelger Builder, Inc., 329 Judah Street Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**TURLOCK,** Stanislaus Co., Calif.  
 One - story frame and stucco residence (7 rooms, 2 baths), single roof, hardwood floors, tile halls, oil furnace, steel sash, etc.  
 Owner—A. T. Powell.  
 Architect—G. N. Hilburn, Bomberger Bldg., Modesto.  
 Contractor—D. G. Neil, 177 Columbia St., Turlock

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$21,000  
**WOODLAND,** Yolo Co., Calif. West  
 Keystone St. and Hollister Road.  
 Two - story frame and stucco residence (9x90-ft.) Spanish type.  
 Owner—H. Lee Wilson.  
 Architect—Not Given.  
 Contractor—J. G. Motroni, Box 537, Woodland.  
**Electric Wiring**—Max Hartzell, 1009 1009 Second St., Woodland.  
**Tile Work**—H. O. Adams, 911 26th St., Woodland.  
**Hardwood Floors**—Forsberg & Frise, 1825 49th St., Sacramento.  
**Iron Grille Work**—Alling Iron Wks., 2415 15th St., Sacramento.  
**Hardware**—Cranston Bros., 618 Main St., Woodland.

**BIDS OPENED**  
**SAN FRANCISCO**—L. Ubels, Box 181, Ripon, at \$11,614, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under S. F. W. D. Spec. No. 131, for the construction of a ranger's cottage and appurtenant structures at Davis Tunnel, about 5.5 miles west of Millbrae, San Mateo County.

- Bids were taken as follows:  
 (1) Lump sum, constructing cottage; wood frame with stucco exterior finish;  
 (2) Lump sum, constructing garage; wood frame with stucco exterior finish;  
 (3) Lump sum, constructing barn; wood frame and corrugated galvanized iron;  
 (4) Lump sum, constructing electric plant building; wood frame with stucco exterior;  
 (5) Lump sum, constructing reinforced concrete cesspool;  
 (6) Lump sum, finish and install steel water storage tank; 5,000-gal capacity;  
 (7) Lump sum, furnish and install electric plant; 15 kw. direct current electric plant with conduits and wiring complete.

The contract includes all concrete work and excavation, installation of sewer and drain piping, underground and aerial circuit wiring and certain piping.

- Complete bids follow:  
 L. Ubels, Ripon.....\$11,614  
 .....(1) 6,890  
 .....(2) 735  
 .....(3) 852  
 .....(4) 518  
 .....(5) 654  
 .....(6) 950  
 .....(7) 1,015  
**Empire Const Co., S. F.**.....\$11,850  
 .....(1) 6,800  
 .....(2) 750  
 .....(3) 1,050  
 .....(4) 600  
 .....(5) 700  
 .....(6) 1,000  
 .....(7) 950  
**T A Cuthbertson, S. F.**.....\$12,840  
 .....(1) 7,658  
 .....(2) 749  
 .....(3) 1,190  
 .....(4) 512  
 .....(5) 723  
 .....(6) 1,262  
 .....(7) 746

Bids held under advisement pending meeting of Public Utilities Commission January 11.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO,** S Marina Blvd.  
 W Fillmore St  
 Two - story and basement frame and stucco residence  
 Owner—Lloyd S Harriman, 41 Sutter Street  
 Architect—Conrad T Kett, 519 California Street.  
 Contractor—Herman C Hoguefe, 359 24th Avenue.

**Bids Opened**  
**RESIDENCE** Cost, \$5,000  
**HAYWARD,** Alameda Co., Cal. Main Street.  
 Two - story frame and rustic residence (6 rooms, 1 bath) gravel roof, warm air heating system, masonite floors, linoleum bath & kitchen.  
 Owner—George A. Mays.  
 Architect—Geo. P. Simonds, 80 Main St., Hayward.  
 Low Bidder—F. C. Little, 1960 B St., Hayward.  
 Complete bids follow:  
 F. C. Little, Hayward.....\$5,175.00  
 Arthur Holyoak, Hayward.....5,450.00  
 Skovan & Lewis, Oakland..... 5,990.00  
 Bids held under advisement pending approval of FHA.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
**PALO ALTO,** Santa Clara Co., Calif.  
 1488 Hamilton Avenue.  
 Two - story frame and stucco residence and garage.  
 Owner—M. I. Jankovsky, 1475 Hamilton Ave., Palo Alto.  
 Architect—Hertska & Knowles, 369 Pine St., San Francisco.  
 Contractor—Aro & Okerman, Box 433 Palo Alto.

**Roofing**—Peninsula Roofing Co., Front and View Streets, Mountain View.  
**Plumbing**—Wallace & Stump, 455 Hope St., Mountain View.

**Electric Wiring**—Erskine Electric Works, Middlefield Rd. at Fifth Ave., Redwood City.

**Heating & Sheet Metal**—Mead Sheet Metal Works, 2451 El Camino Real, Palo Alto.

**Tile Work**—Bloomquist Tile Co., 722 Clinton St., Redwood City.  
**Hardwood Floors**—A. Backlund Glass & Mill Work—Pacific Manufacturing Co., Santa Clara.

**Hardwood Floors**—A. Backlund, 559 Knudsen Way, Palo Alto.  
**Iron Grille Work**—Peninsula Wrought Iron Works, 2195 El Camino Real, San Mateo.

**Brick & Stone Work**—Walkers Bros., Menlo Park.  
**Foundations**—N. Johnson, Palo Alto.  
**Grading & Concrete**—Joe Emma & C. Bivona, 183 E. Willow Rd., Palo Alto.

**Lumber**—Smith Lumber Co., 19th Ave. and Estuary, Oakland.  
**Painting**—O. R. North, 134 Donohoe St., Palo Alto.  
**Lathing & Plastering**—Ira T. Bridges, 654 Oberlin St., Palo Alto.

**Contract Awarded—Sub Bids Wanted**  
**RESIDENCE** Cost, \$10,000  
**OAKLAND,** Alameda Co., Cal. Montclair Estate.

Two-story frame and stucco and brick veneer residence (6 rooms, 2 baths), shake roof, hardwood floors, the baths, plaster walls and ceilings.  
 Owner—J. E. Traynor, care Contractor.  
 Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.  
 Contractor—Don W. Nicholson, 550 Blossom Way, San Leandro.  
 Mr. Nicholson desires sub bids on all portions of the work.

**Bid Opening Date Postponed to Jan. 11, 5 P. M.**  
**RESIDENCE** Cost, \$7,000  
**SAN MATEO CO.,** Cal Belle Mont Country Club Tract at Belmont.  
 One - story frame California ranch house (tile and shake roof, hardwood floors, tile baths, plaster floor furnace, etc.)  
 Owner—L. W. Heald  
 Architect—Max Corbett, Benjamin Franklin Hotel, San Mateo.  
 Following are bidding plans:  
 A. E. Orton, 151 Harriet Ave., Palo Alto.

Vance M. Brown, 1226 Middlefield Road, Palo Alto.  
Schluder & Da Mant, 137 Donohue St., Palo Alto.  
Bid opening date postponed from January 4.

**Contract Awarded**  
**RESIDENCE** Cost, \$9,500  
**PALO ALTO**, Santa Clara Co., Cal.  
234 Cowper Street.  
Two - story frame and stucco residence and garage.  
Owner—E. T. Dana, 1202 Guinda St., Palo Alto.  
Architect—Not Given.  
Contractor—Louis Anderson, R. F. D. No. 2, Box 182, Menlo Park

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**SAN MATEO CO.**, Hillsborough Oaks, Oakdale Road, Lot 69.  
Two-story frame and stucco residence, garage.  
Owner—M. Marculescu.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Contractor—Charles Pedersen, 734 Prospect Road, San Mateo.

**Bids Wanted—To Close Jan. 11, 5 P. M.**  
**RESIDENCE** Cost, \$10,000  
**SAN MATEO CO.**, Cal. Baywood.  
Two - story frame and stucco and brick veneer residence (9 rooms, 3 baths) shingle roof, warm air gravity heating system, hardwood floors, tile baths, etc.  
Owner—Withheld.

Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Following are figuring plans:  
Lengfeld & Olund, Ltd., 220 Third Avenue, San Mateo.  
Geo. W. Williams, 315 Primrose Road, Burlingame.  
A. H. Feire, 801 Crystal Springs Road, San Mateo.

**Bids Wanted—To Close Jan. 11, 5 P. M.**  
**RESIDENCE** Cost, \$6,500  
**SAN MATEO CO.**, San Mateo Co., Calif.  
Aragon Tract.  
Two - story frame and stucco residence (6 rooms) Colonial style, shingle roof, hardwood floors, tile baths, warm air gravity heating system, etc.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Following are figuring plans:  
Lengfeld & Olund, Ltd., 220 Third Avenue, San Mateo.  
Geo. W. Williams, 315 Primrose Road, Burlingame.  
A. H. Feire, 801 Crystal Springs Road, San Mateo.

**Bids In—Held Under Advertisment.**  
**RESIDENCE** Cost, \$5,000  
**MENLO PARK**, San Mateo Co., Cal  
One - story California ranch house (hardwood floors, tile baths, etc.)  
Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

**Contract Awarded**  
**RESIDENCE** Cont. Price, \$3659  
**SAN BRUNO**, San Mateo Co., Calif.  
One - story frame and stucco residence (5 rooms) Monterey style, gas hot air furnace, hardwood floors, tile baths, garage.  
Owner—Mr. Wolbert, 76 Architect.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.  
Contractor—James C. Dnerner, 201 Evergreen Ave.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$  
**SAN FRANCISCO**, Calif. Washington St., near Arguello Blvd.  
Two-story frame residence (8 rooms, 2 baths), wood exterior, gas heat,

wood sash, oak floors, tile baths, etc.  
Owner—Forrest L. Jones, San Francisco.  
Architect—Gardner A. Dailey, 210 Post Street.  
Following figured plans:  
H. H. Larsen, 64 S. Park Ave.  
A. F. Mattock Co., 212 Clara St.  
G. P. W. Jensen, 320 Market St.  
M. A. Little Co., 107 24th Ave.  
Paul K. Jones, 666 Mission St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,600  
**OAKLAND**, Alameda Co., Calif. 223 Florence Avenue.  
One-story frame and stucco residence (6 rooms), garage.  
Owner & Builder—John Fleming, 2248 Coloma St., Oakland.  
Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,500 ea.  
**OAKLAND**, Alameda Co., Cal. 3269 Marcom Ave.  
Two one-story frame and stucco residences (5 and 6 rooms), garages.  
Owner & Builder—Guaranty Home Bldg. Co., 461 14th St.  
Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,600  
**OAKLAND**, Alameda Co., Cal. 1640 Mountain Blvd.  
Two-story frame and stucco residence (6 rooms), garage.  
Owner & Builder—Bennett Payne, 641 Mountain Blvd., Oakland.  
Architect—E. R. de Chene, 364 14th St., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**OAKLAND**, Alameda Co., Cal. Harbor Drive  
Two - story frame and stucco residence (9 rooms, 3 baths) plaster walls and ceiling; hardwood floors, linoleum baths; gas-fired hot air furnace; garage.  
Owner and Builder—Stroud & Brennan, 570 17th St., Oakland.  
Architect—Williams and Wastell, 337 17th St., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$ 4,000  
**BERKELEY**, Alameda Co. Hillside and Grizzly Peak Blvd.  
One - story frame and stucco residence (4 rooms, 1 bath), redwood siding, shingle roof, hardwood and oak plank floors, gas hot air heat, etc.  
Owner—Frank E. Wilke.  
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.  
Contractor—Randolph Parks, 624 Euclid Ave., Berkeley

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$9000  
**SALINAS**, Monterey Co., Calif.  
One - story frame residence (8 rooms, 2 baths), shake roof, oak floors, hot water heat, tile baths, etc.  
Owner—Mr. Lamb.  
Architect—Chas. E. Butler, 51 Maple St., Salinas.

But will probably be asked in about one week

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000-6,000 ea.  
**ALAMEDA CO.**, Calif. Near San Leandro.  
Fifty 2 and 6-room residences: English, Spanish, California Colonial and Neo-classic architecture; 1st unit in a total of 200 residences.  
Owner and Builder—Millar White Construction Co., 306 Fifteenth St., Oakland.  
Architect—Not Given.  
Contractor desires sub bids on all portions of the work

**Contract Awarded**  
**RESIDENCE** Cost, \$ 4,000  
**KENTFIELD**, Marin Co., Calif.  
Two-story frame and stucco residence (7 rooms, 2 baths), shingle roof, wood sash, hardwood floors, linoleum baths, has hot air furnace, etc.  
Owner—L. F. Callahan.  
Architect—C. F. Gromme, Freitas Bldg., San Rafael.  
Contractor—Robert Watson, 15 Yolanda Drive, San Anselmo.

**Plans Being Figured — Bids Close** January 11, 4 P. M.  
**RESIDENCE** Cost, \$11,500  
**SAN MATEO PARK**, Warren Road.  
Two-story frame and stucco residence (8 rooms, 3 baths), French Provincial style, shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, detached garage.  
Owner—Name Withheld.

Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.  
Following are figuring plans:  
Gordon Heas, 1446 Burlingame Ave., Burlingame.  
Suburban Builders, Inc., 1182 Market St., San Francisco.  
E. S. Shaver, 753 Farrington Lane, Burlingame.  
C. E. Bessett, 826 Walnut Ave., Burlingame.  
Moore & MacDonald, 1473 Burlingame Ave., Burlingame

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**CONTRA COSTA CO.**, Calif. Arlington Estates.  
Two-story frame and stucco residence (9 rooms), English architecture  
Owner—Millar White Construction Co., 306 Fifteenth St., Oakland, Calif.

Architect—Not Given.  
Contractor desires sub bids on all portions of the work.

**Contract Awarded**  
**BUNGALOW COURT** Cost, \$16,000  
**TRACY**, San Joaquin Co., Cal. Holly Drive and Highland Ave.  
New bungalow court (four 4-room bungalows) hardwood floors, linoleum baths, wall furnace, refrigerators, insulated walls and ceilings; garages.  
Owner—W. C. Ritchie, 141 Ofcee St., Tracy.  
Architect—Not Given.  
Contractor—Jere Strizek, 1020 Bush St., San Francisco.

15—SCHOOLS

**FIRE LOSS**  
**DAVIS**, Yolo Co., Calif.—Fire destroyed the gymnasium of the Davis High School January 11 with damage estimated at \$30,000. Immediate replacement of the unit with a fire-proof structure is planned.

**Award Approved**  
**ELEMENTARY SCHOOL**  
Contract Price, \$149,950  
**WATSONVILLE**, Santa Cruz Co., Calif. Palm and Brewington.  
One - story frame and steel and concrete elementary school building (190x205 ft.; 13 classrooms, administration office, auditorium to seat 500; stage, manual training shop, gymnasium, band room, etc.); terra cotta, tile and composition roofing; maple floors, natural gas individual unit heaters, wood and steel sash.  
Owner—Watsonville City School District (T. S. McQuiddy, Supt. of City Schools).

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.  
Award of the contract has been approved by the PWA.

**Bonds Voted**  
**SCHOOL** Cost, \$150,000  
WOODLAKE, Tulare Co., Calif.  
Frame and stucco high school (classrooms, library, study hall and auditorium to seat 600).  
Owner—Woodlake Union High School District.

**Architect**—Ernest J. Kump, Rowell Bldg., Fresno.

Woodlake High School District voted bonds in the amount of \$30,000 on December 30, proceeds to assist in financing construction of high school. Insurance money, paid on recent fire loss, is available in the amount of \$53,000 and application has been made for a PWA grant of \$67,000.

**LOW BIDDER**

**PLACENTIA, Orange Co., Calif.**—W. J. Esser, 3711 Carritos Ave., Long Beach, submitted low bid to Placentia Unified School District, at \$41,500, for a one-story frame gymnasium to be erected at the Valencia High School at Placentia. T. C. Klatner, Architect, Architects' Bldg., Los Angeles.

**CONTRACT AWARDED**

**TUCSON, Ariz.**—Jay J. Garfield Building Co., Box 2790, Tucson, was awarded contract by University of Arizona at \$233,000 for constructing a 3-story women's dormitory building on the university campus at Tucson. Roy Place, 11 E. Pennington St., Tucson, architect.

**LOW BIDDER**

**LOS ANGELES, Cal.**—Del E. Webb Construction Co., 3501 N Broadway, submitted low bid to the Los Angeles board of education at \$99,999.99 for construction of the central portion of the reinforced concrete administration, science and classroom building at the Abraham Lincoln high school. Architect A. C. Martin; Structural Engineer Norman B. Fatten and Mechanical Engineer E. L. Ellingwood.

**LOW BIDDER**

**FONTANA, San Bernardino Co., Cal.**—Peter P. Shelby, 630 Chamber of Commerce Bldg., Los Angeles submitted low bid to the Fontana School District at \$113,680 for a one- and part two-story Class A reinforced concrete auditorium to be erected at Fontana elementary school, a PWA project. Architects Marsh, Smith & Powell, 508 Architects Bldg., Los Angeles.

**LOW BIDDER**

**LOS ANGELES, Calif.**—Lovrich & Konjevod, 606 N. Kings Road, at \$79,097, submitted low bids to the Los Angeles board of education, for a one-story frame and stucco classroom building (57x229), to be erected at Latonia Avenue School, 625 East Avenue 43. Architect, A. S. Ni-becker, Jr.

**Award Recommended**

**SCHOOL** Cost, \$22,222  
**SANTA RITA, Monterey Co., Calif.**  
One-story frame and stucco school building (two classrooms and auditorium), concrete foundation, composition roof of 4 in.; standard plumbing and electrical work.  
Owner—Santa Rita School District (A. B. Hollenstein, Clerk).

**Architect**—C. J. Ryland, Monterey and Carmel.  
**Low Bidder**—F. C. Stoitte, San Simeon—\$23,050.

P. T. Wallstrom, Watsonville, at \$2,090, submitted the only other bid.  
The Board of Trustees has recommended to the PWA that the contract be awarded the low bidder.  
A grant of \$10,000 was recently approved by the PWA.

January 6, 1937.

**BIDS OPENED**  
**RECONSTRUCT AUDITORIUM**  
Cost, \$115,000

**CROCKETT, Contra Costa Co., Calif.**  
Reconstruction of auditorium and East cloister at John Sweet High School.

**Owner**—Crockett School District.  
**Engineer**—Dewell & Earl, 55 New Montgomery St., San Francisco.  
**Low Bidder**—Karl S. Koller, Crockett, and W. K. Van Bokkelen, Oakland—\$101,980.

Complete bids follow:  
(A) Karl S. Koller and W. K. Van Bokkelen .....\$101,980  
(B) Monson Bros., San Francisco ..... 103,351

	(A)	(B)	(C)	(D)	(E)
(1a)	\$ 30.00	\$ 16.75	\$19.00	\$ 18.04	\$ 18.04
(1b)	2750.00	4594.00	4257.00	4450.00	4609.00
(2)	1683.00	2580.00	1800.00	1600.00	1540.00
(3)	101,980.00	103,351.00	103,987.00	104,500.00	108,894.00

A grant of 45% of the total cost has been awarded by the PWA.

**Plans Being Figured—Bids Close**

**January 20, 4:45 P. M.**  
**ADDITION** Cost, \$10,000

**BERKELEY, Alameda Co., Calif.** 3775 Rose Street.

Additional bracing at Garfield School Auditorium (concrete guniting).  
**Owner**—Berkeley Unified School District (Clara F. Andrews, Secretary).

**Structural Engineer**—Thos. F. Chace, Berkeley Board of Education.  
**Consulting Architect**—W. C. Ambrose, Berkeley Board of Education.

Funds for the work will be provided by a recent PWA allotment of \$200,000.

Plans and specifications obtainable from the Secretary's Office upon deposit of \$25.

**Contract Awarded**

**LOCKER ROOMS** Cont. Pr., \$34,047  
**SHAFTER, Kern Co., Calif.**

Boys' and girls' locker and shower rooms, including equipment; boiler room basement, 12 ft. 4 in. x 16 ft. 9 in. (reinfc. concrete foundations and walls, wood and composition roof; cement floors, steel sash, plastered ceilings, skylights, lockers, showers, oil burning heater, 500-gal. storage; directors' room and towel rooms.

**Owner**—Kern County Union High School District (C. F. Moore, Clerk), High School Bldg., Bakersfield.

**Architect**—Office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

**Contractor**—F. A. Greenough, 130 Lincoln St., Bakersfield.

Complete bids follow:

F. A. Greenough, Bakersfield .....\$34,017.42  
A. J. Hendricks, Bakersfield ..... 36,175.00  
L. H. Hansen & Son, Fresno, 37,150.00  
Opperman & Co., Bakersfield ..... 37,200.00  
R. Hodgson & Son, Porterville ..... 37,750.00

The award is subject to approval by the PWA, who recently allotted a grant of \$13,015 to aid in financing construction.

**LOW BIDDER**

**TUCSON, Arizona**—Jay J. Garfield Building Co., Box 2790, Tucson, at \$233,000, submitted low bid to the University of Arizona for constructing a three-story women's dormitory building on the university campus in Tucson. Recommendation was made to the PWA that the contract be awarded to the low bidder.  
Roy Place, 11 E. Pennington St., Tucson, Architect.

(C) A. Nelson, Inc., San Francisco ..... 103,987

(D) Fred J. Early, Jr., San Francisco ..... 104,450

(E) C. L. Wold Coast Co., San Francisco ..... 108,894

Bids were taken under the following alternate:

- (1a) Caissons shaft in place, complete, steel shell, concrete, dowels and grout, per lineal foot;
- (1b) Total cost, based on estimated total length of 275 feet;
- (2) Work consist of removing entire area of main floor of auditorium with linoleum and cork carpet;
- (3) Total cost of entire work with exception of cork covered in items 1, 1a, and 2.

The unit bids were:

**BIDS WANTED**

**SAN FRANCISCO**—Until Jan. 20, at 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5398, for re-roofing the McKinley School on Castro between Henry and 14th Sts. Estimated cost, \$1,100.

Work consist of removing present composite roof and laying new composition roof on a wood sheathed deck.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall.

**Sub Contracts Awarded**

**LOCKER ROOMS** Cont. Pr., \$34,047  
**SHAFTER, Kern Co., Calif.**

Boys' and girls' locker and shower rooms, including equipment; boiler room basement, 12 ft. 4 in. x 16 ft. 9 in. (reinfc. concrete foundations and walls, wood and composition roof; cement floors, steel sash, plastered ceilings, skylights, lockers, showers, oil burning heater, 500-gal. storage; directors' room and towel rooms.

**Owner**—Kern County Union High School District (C. F. Moore, Clerk), High School Bldg., Bakersfield.

**Architect**—Office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

**Contractor**—F. A. Greenough, 130 Lincoln St., Bakersfield.

**Electric**—Louis F. Bauer, 431 Flower, Bakersfield.

**Heating**—Wm. M. McKenney, 2226 Oregon Drive, Bakersfield.

**Tile**—Chas. L. Zink, Rt. 3, Box 310, Bakersfield.

**Painting**—Peckham & Foster, 4171 Madison Ave., Culver City.

**Plastering**—Alex Simpson, 610 V St., Bakersfield.

**Plumbing**—A. E. Abbott, 910 Monterey St., Bakersfield.

**Millwork**—King Lumber Co., 2 Sumner St., Bakersfield.

**Glass**—W. P. Fuller & Co., 2016 Chesapeake Ave., Bakersfield.

**Sheet Metal**—J. B. Pettijohn, 1117 High St., Delano.

**Roofing**—Robert Stone, 15 Kentucky St., Bakersfield.

**Toilet Partitions**—Sandstone Brick Co., 501 Sonora, Bakersfield.

**Kamite Doors**—Sandstone Brick Co., 501 Sonora, Bakersfield.

**BONDS VOTED**

**KERN COUNTY, Cal.**—Lost Hills School District affirmed a \$63,000 bond issue provided by the university in finance the construction of a new reinforced concrete school building, II. E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

**Bids Rejected**  
**ALTERATIONS** Cost, \$33,000  
**MILL VALLEY, Marin Co., Calif.**  
 Alterations and additions to Old Mill School (replace brick with frame and stucco, shingle roofing, etc.).  
**Owner—Mill Valley School District.**  
**Architect—Walter Falch, Hearst Bldg., San Francisco.**

All bids were rejected and a bond issue is tentatively planned for the near future.

At bid opening, Vincent Maggiora, 15 Harrison Ave., Sausalito, submitted low bid at \$34,456.

**Construction Postponed**  
**SCHOOL.** Cost, \$7,000  
**POLLOCK PINES, Eldorado Co., Cal.**  
 One-story frame school building (1 classroom).

**Owner—Cedar Grove School District (N. S. Grout, Secretary).**  
**Architect—Chas. F. Dean, California State Life Bldg., Sacramento.**

Due to weather conditions, construction will be postponed until spring, and a call for bids, to have been opened January 4, 8 p. m., has been cancelled.

**Bids Opened**  
**SCHOOL GYM & AUDITORIUM**  
**MENDOCINO CITY, Mendocino Co., Cal.**

One-story frame gymnasium and auditorium (concrete foundations, redwood shingle roof, top floor of maple, ground floor cement, electric wiring for auditorium and stage, stage bleachers, recreation room, offices, boys' and girls' washrooms, ground floor space, 6,890 sq. ft.).

**Owner—Mendocino Union High School District.**

**Architect—N. R. Coulter, 46 Kearny St., San Francisco.**

PWA has approved grant of \$7,120 to assist in financing.

**Low Bidder—Hannah & Woodridge,**

268 Market St., S. F.—\$17,994.

Complete bids follow:

**Hannah & Woodridge,**

San Francisco ..... \$17,994

M. R. Crane, San Francisco ..... 19,450

Independent Constr. Co., S. F. .... 23,400

Recommendation has been made that contract be awarded low bidder.

School Board has taken bids under advisement for five days.

## BIDS WANTED

**SAN FRANCISCO.—Until January 20, 2:30 p. m.,** bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5399, for construction of a lunch room for the Raphael Weill School, O'Farrell and Buchanan Streets. Estimated cost, \$1,900.

Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

## BOND ELECTION

**CARPINTERIA, Santa Barbara Co., Calif.—Carpinteria Union High School District will hold an election January 22 at which time it is proposed to vote bonds in the sum of \$77,000, proceeds to be used to finance the construction of an elementary school building in Carnitaria. E Keith Lockard, 117 E. de la Guerra St., Santa Barbara, architect.**

## 16—BANKS, STORES AND OFFICES

**Plans Being Prepared**  
**ALTERATIONS** Cost, \$ .....  
**SAN FRANCISCO, 1017 Market St.**  
 New store front and alterations and improvements to interior.  
**Owner—Union Furniture Store, 1017 Market St., San Francisco.**  
**Architect—S. Chas. Lee, 23 Taylor St., San Francisco.**

**Contract Awarded**  
**RESTAURANT** Cont. Price, \$3,349  
**SAN FRANCISCO.**  
 Complete new restaurant (kitchen, pantry, equipment, etc., in existing building).  
**Owner—Withheld.**  
**Architect—S. A. Colton, 544 Market.**  
**Contractor—Peter Sartorio, 666 Mission Street.**

Contract awarded for the first unit of the work consisting of erection of new steel columns and girders; reinforced concrete stairs to sidewalk, steel sidewalk door, brick walls.

Working drawings are now being prepared on second unit of work, consisting of completion of the entire restaurant. Bids will be asked shortly.

**Contract Awarded**  
**STORE BLDG.** Cost, \$10,500  
**OAKLAND, Alameda Co., Calif. 1440 Leimert Blvd.**

One-story store building.  
**Owner—James T. Hannan, Lafayette Calif.**

**Architect—E. H. Slcombe, 121 Monte Cresta Ave., Oakland.**

**Contractor—George W. Anderson, 211 Hanover Ave., Oakland.**

**Contract Awarded**  
**STORE BUILDING** Cost \$.....

**MILL VALLEY, Marin Co., Calif.**  
 Two-story and basement steel frame store building (50x70).

**Owner—Alberts, Inc.**  
**Architect—C. F. Gromme, Freitas Bldg., San Rafael.**

**Structural Engineer—W. F. Kelberg, 320 Market St., San Francisco.**

**Contractor—Leibert & Trobeck, Albert Bldg., San Rafael.**

**Plans Being Figured**  
**STORE BLDG.** Cost, \$...

**SAN FRANCISCO, Calif. Tenth St., bet. Harrison and Folsom Sts.**

One-story and mezzanine reinf. concrete store building

**Owner—Mr. Gatley, Jr., care Bothin Road Estate Co., 604 Mission St.**  
**Architect—Angus McSweeney, 604 Mission St.**

A. F. Mattock Co., 212 Clara St., is the only contractor figuring the plans.

**Sub Contract Awarded**  
**OFFICE BUILDING** Cost, \$

**SAN FRANCISCO, 210 Sansome St.**  
 Four-story reinforced concrete office building, to be constructed when wrecking of present building now on site is completed.

**Owner—Louis R. Lurie.**

**Lessee—Marvland Casualty Co.**

**Architect—Wm. D. Peugh, 353 Montgomery St.**

**Contractor—Cahill Brothers, 206 Sansome St.**

**Architectural Terra Cotta—Gladding,**

**McBean & Co., 660 Market St.**

**Preparing Plans**

**STORE & OFFICE** Cost, \$ .....  
**VALLEJO, Solano Co., Calif. Capitol Street.**

Remodel existing two-story building to accommodate three stores on first floor and law offices on second.

**Owner—City Attorney Russell F. O'Hara, Vallejo**

**Architect—Frederick H. Remers, 277 Post St., San Francisco**

**Planned**  
**OFFICE BLDG.** Cost, \$ .....  
**SANTA ROSA, Sonoma Co., Calif.**  
 Second and Wilson Streets  
 New concrete office building  
**Owner—Grace Brewing Company, main 2nd and Wilson Sts., Santa Rosa.**  
**Architect—Not Given.**

## 17— THEATRES

**Completing Plans**  
**THEATRE** Cost, \$120,000  
**STOCKTON, San Joaquin Co., Calif.**  
 Main St. bet. California and Sutter Streets.

New reinforced concrete Class C theatre bldg. (50x125 ft.) seat 950; 20-ft. foyer with store on each side.

**Owner—E. L. Wilhoit, Stockton.**  
**Architect—A. A. Cantin, 64 Pine St., San Francisco.**

Bids will be asked shortly.

**Plans Being Prepared**  
**ALTERATIONS** Cost, \$30,000  
**SAN ANSELMO, Marin Co., Calif.**

Alterations to interior and exterior of Tamaipais Theatre and complete rejuvenation of building.

**Owner—Bloomfield Theatre.**

**Architect—S. Chas. Lee, 23 Taylor St., San Francisco.**

Plans will be completed in about one month.

**Sub Contracts Awarded**  
**THEATRE** Cost, \$70,000  
**SAN FRANCISCO, Chestnut St., nr Scott St.**

One-story steel and concrete theatre (to seat 900), modern style.

**Owner—Baron & Nathan Marina Theatre, 2141 Chestnut St.**

**Architect—W. D. Peugh, 333 Montgomery St.**

**Structural Engineer—F. W. Kelberg, 320 Market St.**  
**Contractor—Cahill Bros., 206 Sansome St.**

**Excavation—Devincenzi Bros. & Co., 150 Collins St.**

**Reinf. Steel—Concrete Engineering Co., Inc., 1280 Indiana St.**

**Structural Steel—Golden Gate Iron Works, 1641 Howard St.**

**Steel Partitions—Dwan & Co., 126 Post St.**

**Steel Roof Deck—Detroit Steel Products Co., 111 Sutter St.**

**Concrete—Ready Mix Concrete Co., Ltd., Carmina & Mariposa Sts.**

**Finish Hardware—Marshall-Neuwall Sps. Co., Spear and Mission Sts.**

**Lumber—J. H. McCallum, 748 Bryant St.**

**Marble—Eisele & Dondera, 2985 Third St.**

**Glass & Glazing—Habenicht & Howlett, 529 Clay St.**

**Plumbing—Skelly & Kohler, 1342 9th Ave.**

**Electric—Collan Electric Co., 3201 Mission St.**

**Heating & Ventilating—Scott Co., Inc., 243 Minna St.**

**Mill—Brannan Street Planning Mill, 560 Brannan St.**

**Sheet Metal—Guilfoy Corinne Works, 1234 Howard St.**

**Lathing and Plastering—Leonard Busch, 167 Fifth Ave. All of San Francisco.**

**Additional Sub-Contracts Awarded**  
**THEATRE** Cont. Price, \$48,573  
**NAPA, Napa Co., Cal. Franklin and Third Streets.**

One-story Class C steel frame Up-town Theatre building (to seat 1,200).

**Owner—Realty Finance Corporation, 25 Taylor St., San Francisco.**  
**Architect—A. A. Cantin, 64 Pine St., San Francisco.**  
**Contractor—Moore and Roberts, 693 Mission St., San Francisco.**  
**Sheet Metal—Metals Const. Co., 683 Clementina St., San Francisco.**  
**Plumbing—D. R. Petrie, Box 481, Napa.**

**Mill Work—Jaekle Bros., 948 Third St., Napa**  
 Complete sub-contracts awarded to date were published December 22.

**Planned**  
**REMDEL THEATRE CO.** Cost, \$15,000  
 MADERA, Madera Co., Calif.  
 Remodeling and enlargement of H. M. Glas Theatre building to seat 800.  
 Owner—Harvey Amusement Co. (J. A. Harvey, Sr., president).  
 Architect—Not Given.

**Additional Sub Contract Awarded**  
**ALTERATIONS** Cost, \$40,000  
**SACRAMENTO**, Sacramento Co., Cal.  
 K Street, bet. Fifth and Sixth Sts.  
 Alterations to Capital Theatre (work involves decorating, new wiring, plastering, hot air heating system, air conditioning system, etc.).

Owner—T. & D. Theatres and Fox West Coast Theatres, 25 Taylor St., San Francisco.  
 Plans by the Engineering Dept. of Owner.  
 Engineer—L. H. Nishkian, 525 Market St., San Francisco.  
 Contractor—Salih Bros., 25 Taylor St., San Francisco.  
 Tile Work—H. P. Fisher Tile & Marble Co., 1219 J St., Sacramento.  
 As previously reported:  
 Plumbing—F. A. McTyre, 2922 35th St., Sacramento.  
 Sheet Metal—Joseph H. Mendenhall, 100 N. 16th St., Sacramento.  
 Reinf. Steel—Soule Steel Co., 1750 Army St., San Francisco.

**18—WHARVES & DOCKS**

January 6, 1937.  
**CONTRACT AWARDED**  
**REDWOOD CITY**, San Mateo Co., Calif.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at \$93,472, awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, for the construction of a 450-foot timber wharf, on crosotted piles, with an area of 36,614 sq. ft., and construction of a timber transit shed, 106x129 ft., with corrugated iron sides and composition roof, to be built upon the wharf, the sub-structure to be an integral part of the wharf and having an asphaltic wearing surface floor.

The shed will have a capacity of 250 tons per day. An asphaltic wearing surface 2 inches thick will cover the wharf area, and approach ramps 20 feet wide will be constructed at each end.

The award is subject to approval by the PWA.

**19—MISC. CONSTRUCTION**

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Hanson Bros., 5840 Mission St., at \$850 awarded the contract by Department of Public Works, Room 251, City Hall, under Spec. No. 5309 for moving the Letterman Club House in the Presidio to Lyon Street and Gorgas Avenue, to a new location approximately 75 feet south and 225 feet west.

**Preparing Plans**  
**ALTERATIONS** Cost, \$.....  
**VALLEJO**, Solano Co., Cal. 524 Capitol Street.  
 Enlargement of Funeral Home.  
 Owner—Chisholm & Dickey, 524 Capitol St., Vallejo.  
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.

**CONTRACT AWARDED**  
**LOS ANGELES**, Calif.—Miller-Saunders Co., 7278 Melrose Avenue, awarded contract by 20th Century-Fox Film Corp., 10260 Orton Avenue, West Los Angeles, at \$275,000, for three steel frame sound stages (11-A, 11-B and 16) to be built at the company's studios in West Los Angeles.  
 Structural Engineer J. A. Barlow.

**Preparing Specifications**  
**ALTERATIONS** Cost, \$20,000  
**BERKELEY**, Alameda Co., Calif.  
 Berkeley Senior High School.  
 Rehabilitating two existing swimming pools in boys' and girls' gymnasiums (each pool 32x75 ft.), taking out brick walls and replacing with granite or concrete and strengthening roof and frames of buildings (one 50x95 ft. and one 50x120 ft.).  
 Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).  
 Structural Engineer—Thos. F. Chace, Berkeley Board of Education.

**BIDS WANTED**  
**EUREKA**, Humboldt Co., Calif.—Until January 15, 10 a.m., Informal bids will be received by the State Division of Architecture, George E. McDougall, State Architect, Public Works Bldg., Sacramento, for painting the Division of Highways Bldg. in Eureka.  
 Specifications obtainable from the above office.

**Plans Being Figured — Bids Close**  
 January 9, 4 P. M.  
**ADDITION** Cost, \$.....  
**TAFT**, Kern Co., Calif.  
 One-story reinforced concrete addition to mausoleum (marble interior).

Owner—West Side Cemetery District, Taft.  
 Architect—Office of Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.  
 Plans and specifications obtainable from the office of the architect upon deposit of \$5. Bids will be opened by the Owner.

**BID OPENED**  
**SAN FRANCISCO**—Western Asbestos Co., 675 Townsend St., at \$2,875, submitted only bid to the Public Utilities Commission, Room 257, City Hall, under S. F. Water Department Spec. No. 132, for acoustical treatment in the San Francisco Water Department Building, at 425 Mason Street.

Bid held under advisement pending meeting of the Public Utilities Commission January 11.

**Sub-Contracts Awarded**  
**ALTERATIONS** Cost, \$12,000  
**SAN FRANCISCO**, 1470 Pine Street.  
 Alterations to existing building to accommodate radio broadcasting station (broadcasting rooms, studio, offices).  
 Lessee—KJBS Broadcasting Co.  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Contractor—Clifton C. Newman, 1269 Vermont Street.

Bethlehem Steel Co., 20th and Illinois Sts., awarded contract to construct a 245-foot steel broadcasting tower.  
 Roofing—Excelsior Roofing Co., 1731 San Jose Avenue.  
 Plumbing—H. Bertram, 726 Bryant.

Electric Wiring—Sterling Elec. Co., 215 Grant Street.  
 Sheet Metal—General Sheet Metal Works, 1529 Pine Street.  
 Glass—Center Hardware Co., 600 4th Street.  
 Iron Grille Work—Patterson & Kosch, 250 12th Street.  
 Brick & Stone Work—Harry Drake, 606 Mission Street.  
 Grading—Sibley Grading and Teaming Co., 165 Landers Street.  
 Lumber—West Coast Lumber Co., 748 Brannan Street.  
 Millwork—Brannan St. Planing Mill, 560 Brannan Street.  
 Hardware—Center Hardware Co., 600 Fourth Street.  
 New Wood—Van Aredale-Harris Lbr Co., 5th and Brannan Sts.

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**  
**OAKLAND**, Alameda Co., Calif.—Bethlehem Steel Corp., 20th and Illinois Sts., San Francisco, at \$2,370.70, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Informal Proposal No. 828, for furnishing 600 ft. round rods, 1½-in. diam., 36 ft. 5 in. long, with ends threaded, and to include turnbuckles to fit same.  
 Complete bids follow:  
 Bethlehem Steel Corp., S. F. \$2,370.70  
 Oakland..... 2,480.00  
 Herrick Iron Works,..... 2,500.00  
 Kortick Mfg. Co., S. F. 2,723.44

**BIDS OPENED**  
**PYRAMID LAKE PROJECT**, Nev.—Bids for furnishing fabricated structural steel for Pyramid Lake Project, Nevada, Federal Project No. 600. Bids for supplying pipe and/or Pacific Coast point under Invitation No. 0362 opened by the U. S. Indian Irrigation Service, 751 S. Figueroa St., December 30, were:

Alhambra Foundry Co.—\$2291.43; delivery items 1 to 3, 14 days; balance 30 days. Terms net. F.o.b. Alhambra.  
 Modern Iron Works—\$2240.71; delivery items 1 to 3, 6 days; balance 10 days. Terms net. F.o.b. Los Angeles.

Reno Sheet Metal & Steel Co.—\$2,429.52; delivery items 1 to 3, 15 days; balance 20 days. Discount 1/2%, 20 days. F.o.b. Glendale.

Western Pipe & Steel Co.—\$2138.80; delivery items 1 to 3, 14 days; balance 7 days. Terms net. F.o.b. Los Angeles.

Consolidated Steel Corp.—\$2081.60. Delivery 8 days. Terms net. F.o.b. Los Angeles.

Berkeley Steel Construction Co.—\$2826; delivery items 1 to 3, 10 days; balance 15 days. Discount 1/2%, 10 days; f.o.b. Berkeley.

Pennsylvania Iron & Steel Co.—\$2,346.45. Delivery 21 days; discount 1/2% 30 days. F.o.b. Los Angeles.

Minneapolis-Moline Power Implements Co.—\$2,117.15; delivery, 35 days. Terms net. F.o.b. Minneapolis, Minn.

Independent Iron Works — \$2,239. Delivery items 1 to 3, 16 days; balance 17 days. Discount 1/2% 10 days. F.o.b. Oakland, Calif.

Mortenson Construction Co. — \$2,658.50. Delivery items 1 to 3, 15 days; balance 20 days. Terms net. F.o.b. San Francisco.

**BIDS OPENED**  
**SACRAMENTO**, Calif.—Following bids received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-148, for furnishing and delivering 1,000 c.y. of river bank run gravel at road crossings on levee along east bank of Feather River, Reclamation Dist. No. 784, between Stations 0 plus 00, which is about 15 miles south of Shanghai Bend, and 211 plus 65.05:  
 Crane & Coa, Healdsburg, \$159 per c.y.  
 Danhausen & Van Winkle, Windsor, \$1.89 per c.y.  
 Hemstreet & Bell, Marysville, \$2 per c.y.  
 Paul Entremont, Colusa, \$2.00 per c.y.  
 H. Svkes, Patterson, \$2.04 per c.y.  
 A. A. Baker, North Sacramento, \$2.10 per c.y.  
 Pacific Coast Aggregates, Inc., \$2 per ton.  
 Perkins Gravel Co. \$2 per ton.



# MACHINERY & MATERIAL

Big calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the Procurement Division, Treasury Dept., Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

JANUARY 11, 10 A. M.:

BID NO. 3111: 5,000 sacks portland cement; fob City of Oakland Corp. Yards and/or fob cars, Oakland; and/or fob cars at bidder's mill.

BID NO. 3101: 792 lf. cast iron water pipe and 4 tees; fob cars, San Jose and/or bidder's mill.

JANUARY 12, 10 A. M.

BID NO. 3100: Chain link fence, gaets, and posts; fob Rose Garden, Naglee and Danna Sts., San Jose.

BID NO. 3112: Conduit bushings and cable; fob Nichol Park, 33rd and McDonald Ave., Richmond.

Specifications obtainable from the above office.

**KERN CO., Calif.**—Until January 15, 10 a.m., bids will be received by the Procurement Officer, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3099, for furnishing necessary floodlights for general area floodlighting for Kern County Airport, Bakersfield, and 10 lbs. bushing transformer component.

Delivery f.o.b. Kern County Airport, Bakersfield.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

JANUARY 11, 10 A. M.

BID NO. 3102—28 tie rods; f.o.b. Lyon St. approach, Halleck & Marina Blvd., San Francisco.

BID NO. 3103—Cast-iron pipe, lead, valves, etc.; f.o.b. 227 F Street, Eureka.

JANUARY 12, 10 A. M.

BID NO. 3104—171 lf. concrete or clay sewer pipe; f.o.b. trenchside, Mountain Blvd. and Thornhill Drive, Oakland.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

JANUARY 11, 10 A. M.:

BID NO. 3117: Gate valves, pipe fittings, etc.; fob Murphy Fire District, Murphys, Calaveras Co.

JANUARY 13, 10 A. M.

BID NO. 3114: 165 rolls asphalt saturated roofing felt, 13,020 pounds roofing asphalt, and 19 tons roofing gravel; fob Roosevelt Elementary School, Kingsburg.

BID NO. 3115: 105 tons natural rock asphalt, two bbls. asphalt primer and 10 sacks black marble dust; fob Kingsburg Joint U. H. School Kingsburg.

JANUARY 14, 10 A. M.:

BID NO. 3113: Wire, stucco, staples, roofing felt, white pine and Oregon pine lumber, etc.; fob jobsite Smith Flat, El Dorado County.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

JANUARY 13, 10 A. M.:

BID NO. 3121—10 tons sand and 200 tons aggregates; f.o.b. Port of Oakland, 9th Ave. Terminal, Oakland.

BID NO. 3119—1,000 sacks portland cement; fob 9th Ave. Terminal, Port of Oakland, and/or f.o.b. cars, Oakland, and/or f.o.b. cars at bidder's mill.

BID NO. 3122—1,250 sacks portland cement; f.o.b. Moraga Avenue Corp. Yard, Piedmont, and/or f.o.b. cars, Piedmont, and/or f.o.b. cars at bidder's mill.

BID NO. 3121—3,000 tons dry concrete; f.o.b. city trucks, bidder's mill, Oakland.

BID NO. 4123—3,000 tons riprap rock, f.o.b. Aquatic Park, foot of Bancroft Way, Berkeley.

JANUARY 14, 10 A. M.

BID NO. 3120—900 sacks portland cement; f.o.b. Irrigation District Warehouse, Oakland.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

**ALL-AMERICAN CANAL.**—Until January 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 718, for furnishing and delivering fob cars at the shipping point and/or railroad destination, structural steel and steel castings for the highway bridge at stations 1655 plus 49.3 and 1939 plus 30.2, All-American Canal, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$2.00, not returnable.

**ALL-AMERICAN CANAL.**—Until January 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 869-D, for furnishing and delivering fob cars at the shipping point and/or Yuma, Ariz., electrical control apparatus consisting of one 7-panel main control board and auxiliary equipment; three master-control cubicles; one 2300-volt switchboard, consisting of seven cubicle-type control units for the Imperial Dam and desludging Works, All-American Canal System, Boulder Canyon Project. The apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

**BOULDER CANYON.**—Until Jan. 21, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 867-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, three or four 1,667-kva, 60-cycle, single-phase oil-insulated, self-cooled, 16,500-74-ampere air-transformer type of load-ratio-control type, 1 24,500-volt, 600-ampere, triple-pole, single-throw, outdoor-type, gang-operated, air-break switch, and 1 outdoor-type metering instrument with accessories, for the Boulder power plant, Boulder Canyon project.

Specifications obtainable from the

above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**SALT RIVER PROJECT, Ariz.**—Until January 22, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 868-D, for furnishing and delivering fob cars at the shipping point and/or Phoenix, one emergency bulkhead gate, gate guides, gate-slot cover, and appurtenances for the emergency bulkhead gate; trash-rack sections; guides and appurtenant parts for the needle valve outlets; and trash racks and appurtenant parts for the slide gate outlets, Bartlett Dam, Salt River Project, Ariz. All of the materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.50, not returnable.

**UPPER SNAKE RIVER PROJ., Idaho.**—Until Jan. 23, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 870-D, for furnishing and delivering fob cars at the shipping point and/or Chester, Idaho, four radial gates and four radial-gate hoists for installation in the headworks structures and in the combination check, turnout, and wasteway structures of Cross Cut Canal, Upper Snake River Proj., Idaho. The radial gates and hoists will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$2.50, not returnable.

## DEPT. OF THE INTERIOR

**SEATTLE, Washington.**—Until January 18, bids will be received by the Purchasing Agent, Alaska Railroad, Interior Department, Federal Office Bldg., Seattle, under Proposal No. 0230, for furnishing steel for eight 80-ft spans, through steel plate girders with all upper corners square, including floor beams, stringers, etc.; 3 roller nests, 1 roller base, anchor bolts, hook bolts, machine bolts, and washers for two spans of same kind.

Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Until January 15, 10:30 A. M., bids will be received by T. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sched. No. 3215, for furnishing two caisson pumping units, motor driven, vertical complete with suspension frame for pumping out caissons.

Alternate bids will be received for three pumps, the same as above.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## SAN FRANCISCO CITY

**SAN FRANCISCO.**—Until Jan. 15, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1721, for furnishing approximately 9,300 cu. yd. plant-mixed concrete, Class B and E, for WPA projects.

Specifications obtainable from the above office.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & High- ways	

## 21— BRIDGES

### BIDS WANTED

**ALL-AMERICAN CANAL, Arizona-Calif.**—Until Jan. 28, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma F. B. Williams, Construction Engineer, under Spec. No. 717, for the construction of highway bridges, All-American Canal, Sta. 1635 to 1930, All-American Canal System, Boulder Canyon Project, Ariz.-Calif.-Nev.

The work is located near Yuma, and the principal items of work involved are:

- (1) 29,200 c.y. excav. for canal;
- (2) 12,700 c.y. of excav. for struc.;
- (3) 11,000 c.y. of backfill;
- (4) 2,850 c.y. of concrete;
- (5) 300 c.y. of riprap;
- (6) placing 360,000 lbs. of reinf. bars;
- (7) erecting 1,056,000 lbs. of structural steel, and
- (8) erecting 15.0 M. FBM timber.

Work shall be commenced within 30 calendar days and completed within 350 calendar days after receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Yuma, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$2.00, not returnable.

### AWARD APPROVED

**SUTTER CO., Calif.**—Award of a contract by the Sutter County Board of Supervisors to C. W. Caletti & Co., P.O. Box 243, San Rafael, at \$131,614, for the reconstruction and repair of the Nicolaus Bridge across the Feather River, has been approved by the PWA.

## 25—MACHINERY AND EQUIPMENT

### CONTRACTS AWARDED

**ALL-AMERICAN CANAL**—Contracts for furnishing radial gates for installation in the Gila Valley Canal Headworks for sluice way and the by-pass and influent channels at the Imperial Dam, All-American Canal System, have been awarded by the Bureau of Reclamation, Denver, under Spec. No. 846-D, as follows:

Pacific Iron & Steel Co., Los Angeles: (1) nine 25-ft. 8-in. x 14-ft. 6-in. radial gates, \$21,116; (2) twelve 16x7-ft. radial gates, \$9,291.

Berkeley Steel Const. Co., Berkeley: (3) fourteen 21-ft. x 17-ft. 6-in. radial gate \$19,562.

### BIDS OPENED

**BOULDER CITY, Nev.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 558-D, for furnishing two flowmeters for measuring the flow of water through 115,000-h.p. hydraulic tur-

bines for installation in the Boulder Power Plant:

Bailey Meter Co., Cleveland: \$1,540, net; fob Cleveland.

Simplex Valve & Meter Co., Philadelphia: \$1,660, alt., \$1,410; discount 1%; fob Boulder City.

Leeds & Northrup Co., Philadelphia: \$2,030, net; fob Philadelphia.

### PURCHASES AUTHORIZED

**SAN JOSE, Santa Clara Co., Calif.**—City Manager C. Goodwin has been authorized by the City Council to purchase an air compressor for the City of San Jose Street Department. Estimated cost, \$1,500.

### BIDS OPENED

**LOS ANGELES**—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, submitted the low bid at \$19,685, to the Metropolitan Water District of Southern California, January 5, for furnishing three 6½x10-ft. motor operated, regulating slide gates for the Copper Basin reservoir outlet of the Colorado River Aqueduct under Specification No. 187. The bids were:

Joshua Hendy Iron Works, \$19,685; f.o.b. Sunnyvale; shipping weight, 145,000 lbs.; weight of heaviest part, 10,500 lbs. Terms, net.

Consolidated Steel Corp. Ltd., \$22,931; f.o.b. 5700 S. Eastern Ave., Los Angeles; shipping weight, 140,000 lbs.; shipping weight of heaviest part, 10,500 lbs. Terms, net.

Keystone Engineering Co., \$29,842; f.o.b. Los Angeles; shipping weight, 145,000 lbs.; shipping weight of heaviest part, 11,000 lbs. Terms, net.

Madsen Iron Works, \$33,000; f.o.b. Huntington Park; shipping weight, 149,000 lbs.; shipping weight of heaviest part, 11,000 lbs. Terms, net.

## 29—STREETS AND HIGHWAYS

### CONTRACT AWARDED

**YAVAPAI & COCONINO COUNTIES, Arizona**—Lee Moor Contracting Co., 807 Bassett Tower, El Paso, at \$47,381.80, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Bldg., Phoenix, for 1,872 miles of grading on Section K of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai and Coconino Counties, Arizona.

Complete bids published December 11.

### NO BIDS RECEIVED

**TULARE CO., Calif.**—No bids were received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for bituminous surface treat-

ment on 10,585 miles of Section D, Route 1, the Generals Highway, Sequoia National Park, Tulare Co.

### PLANNED

**VALLEJO, Solano Co., Calif.**—City has available \$100,000 for street improvements to be contracted early in 1937. City Engineer T. D. Kilkenny is preparing specifications for repaving about 17 blocks on various streets.

### CONTRACT AWARDED

**LOS ANGELES, Cal.**—Los Angeles Paving Co., 3700 S. Soto St., Los Angeles, at \$16,800.69 awarded contract by the Los Angeles board of public works for grading, paving and otherwise improving Sepulveda Blvd. between Roscoe Blvd. and 1800 feet southerly of Roscoe Blvd., a cash contract. The bids were opened December 16.

### BIDS WANTED

**WASHOE CO., Nevada**—Until January 15, 2 p.m., bids will be received by the Reno City Council, J. B. Reese, City Clerk, City Hall, for the construction of approaches for the Lake St. Bridge across the Truckee River in the City of Reno.

The work involves:

- (1) 59 lf. remove culvert pipe;
- (2) 430 lf. remove curb;
- (3) 1,010 sq. yds. remove paving;
- (4) 280 c.y. roadway excav.;
- (5) 500 c.y. set-back borrow;
- (6) 3,493 c.y. imported borrow;
- (7) 250 c.y. structure excav.;
- (8) 2,515 sq. yds. subgrade for pavement;
- (9) 0.090 mile finish roadway;
- (10) 220 tons asphaltic concrete base;
- (11) 230 tons asphaltic concrete surface;
- (12) 350 c.y. Class A concrete;
- (13) 20,000 lbs. reinforcing steel;
- (14) 60 lf. part circle corrugated metal pipe (19½-in.);
- (15) 15 c.y. hand-laid riprap;
- (16) Lump sum, move oil tank;
- (17) 1,500 lbs. castings;
- (18) Lump sum, miscellaneous items.

**NOTE:** It is the intent of the City to use a hot plant-mixed asphaltic concrete for paving the roadway on the approaches providing a hot-mix plant is available at the time the asphaltic concrete is needed. To provide against the possibility that the plant, which is now available, may not be available when the asphaltic concrete is needed, the City has set up specifications for cold-mixed asphaltic concrete and is calling for alternatives on cold-mixed asphaltic concrete which may be accepted in case sufficient funds are not available for the hot plant-mixed asphaltic concrete or in case the plant for mixing is not available:

- (a) 690 tons, furnishing, mixing and laying cold-mixed asphaltic concrete (exclusive of furnishing the asphalt);
- (b) 65 tons, mixing emulsified asphalt.

Bids for the construction of the Lake Street Bridge, a reinforced concrete structure 0.03 mile in length, will be opened by the Nevada State Highway Directors, Carson City, January 14, 2:30 p.m.

Plans and specifications for the approach construction are obtainable from the office of City Engineer Charles L. Hill, upon deposit of \$10.

### PLANNED

**SAN MATEO COUNTY, Cal.**—Parrott Investment Co., 155 Montgomery St., San Francisco, has applied to the city of San Mateo for reclassi-

## CAPITAL CITY TITLE COMPANY

J. C. PALEN.

Manager

914 Seventh Street  
Sacramento :: California

fication of 5.69 acres comprising the Alfred H. Payson estate at El Camino Real and Fifth Ave. to permit construction of commercial buildings. It is reported the owners will spend about \$30,000 for extension of San Mateo Drive and Fourth Avenue to give access to building sites.

**BIDS WANTED**

**WASHOE CO., Nevada.**—Until January 15, 2 p.m., bids will be received by the Reno City Council, J. B. Reese, City Clerk, City Hall, for the construction of approaches to retaining wall for Sierra Street Bridge and removal of dam in the Truckee River, in the City of Reno.

The work involves:

- (1) 2,361 sq. yds. remove paving;
- (2) 1,012 c.y. roadway excavation;
- (3) 1,408 c.y. select borrow;
- (4) 2,314 c.y. imported borrow;
- (5) 2,300 c.y. structure excav.;
- (6) 5,485 sq. yds. subgrade for pavement;
- (7) 0.285 miles finish roadway;
- (8) 230 tons crushed gravel or stone surface;
- (9) 910 tons asphaltic concrete base;
- (10) 415 tons asphaltic concrete surface;
- (11) 950 cu. Class A concrete;
- (12) 417 lf. concrete railing;
- (13) 67,000 lbs. reinforcing steel;
- (14) 196 lf. 12-in. CMP (dipped);
- (15) 76 lf. 18-in. CMP (dipped);
- (16) 2,650 lbs. castings;
- (17) Lump sum, miscellaneous items.

**NOTE:** It is the intent of the City to use a hot plant-mixed asphaltic concrete for paving the roadway on the approaches providing a hot-mix plant is available at the time the asphaltic concrete is needed. To provide against the possibility that the plant, which is now available, may not be available when the asphaltic concrete is needed, the City has set up specifications for cold-mixed asphaltic concrete and is calling for alternates on cold-mixed asphaltic concrete which may be accepted in case sufficient funds are not available for the hot plant-mixed asphaltic concrete or in case the plant for mixing is not available:

- (a) 1,240 tons, furnishing, mixing and laying cold-mixed asphaltic concrete (exclusive of furnishing the asphalt);
- (b) 118 tons, mixing emulsified asphalt.

Bids for the construction of the Sierra Street Bridge across the Truckee River, a concrete and steel structure 0.025 mile in length, will be opened by the Nevada State Highway Directors, Carson City, January 14, 2 p.m.

Plans and specifications for the approach construction are obtainable from the office of City Engineer Charles L. Hill, City Hall, upon deposit of \$10.

**BID CALL CANCELLED**

**SACRAMENTO.**—Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento, has announced the cancellation of a call for bids, to have been opened January 15, under Bid No. 6870-37-8, for grading the landing field on the site of the Army Air Corps Supply Depot, near North Sacramento.

Plans and specifications will be revised and a new call for bids issued.

**Contract Awarded**

**SAN FRANCISCO.**—A. G. Ralsch, 1 DeHaro St., San Francisco, at \$45,799.35, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,994, for the construction of Richardson Ave., from Broderick St. to Lyon St.

**LOW BIDDER**

**YUMA CO., Ariz.**—N. G. Hill & Co., Phoenix, at \$7,942, submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Yuma-Phoenix Highway, F.A. 55, 3rd Reop. (1957); A. E. E. 8013. The work, which is located near Stoval approximately half way between Yuma and Gila Bend, consists of widening and resurfacing one and two-thirds miles of the present road, and is to be completed on or before April 30, 1957.

The principal items and approximate quantities are:

- 9,350 c.y. roadway excav.;
  - 29,100 cu. yd. imported borrow;
  - 9,350 cu. yd. select material;
  - 960 M. gal. sprinkling;
  - 390 hours rolling;
  - 2,800 tons cutback mix (plant or road);
  - 157 tons cutback asphalt;
  - 440 tons screenings (2 types);
  - 1,900 tons salvaging and relaying oil cake;
  - 106 tons salvaging and stockpiling oil cake.
- Lee Moor Contracting Co. submitted the second low bid at \$31,079.

**REDWOOD CITY—WHARF & TRANSIT SHED—(City)**

**REDWOOD CITY, San Mateo Co., Calif.**—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at \$93,472 submitted low bid to the Redwood City City Council, E. E. Myers, City Clerk, City Hall, for the construction of a 450-foot timber wharf, on creosoted piles, with an area of 36,614 sq. ft., and construction of a timber transit shed, 100x120 ft., with corrugated iron sides and composition roof to be built upon the wharf, the substructure to be an integral part of the wharf and having an asphaltic wearing surface floor.

The transit shed will have a capacity of 250 tons per day. An asphaltic wearing surface 2-in. thick will cover the wharf area, and approach ramps 20-ft. wide will be constructed at each end.

Bids were taken as follows:

(A) 1,000 lf. creosoted piles, 35 to 49 ft. long;	(B) 9,000 cu. yd. 50 to 64 ft.;	(C) 12,000 cu. yd. 65 to 74 ft.;
(1A) \$55	(1B) \$53	(1C) \$100
(2A) .75	(2B) .63	(2C) 1.15
(3A) 65	(3B) .63	(3C) 1.30
(4A) 1.00	(4B) .79	(4C) 1.40
(5A) 1.70	(5B) .90	(5C) 1.70
(6A) 39,672.00	(6B) 49,218.00	(6C) 27,000.00
(7A) 18,200.00	(7B) 16,000.00	(7C) 17,000.00
(8A) 1.80	(8B) 2.50	(8C) 4.00
(9A) .55	(9B) .75	(9C) 1.00
(10A) .80	(10B) 1.03	(10C) 1.08
(11A) .90	(11B) 1.03	(11C) 1.15
(12A) 1.10	(12B) 1.11	(12C) 1.20
(13A) 1.20	(13B) 1.30	(13C) 1.50
(14A) 39,580.00	(14B) 38,276.00	(14C) 35,580.00
(15A) 21,250.00	(15B) 34,400.00	(15C) 22,200.00
(16A) 2.25	(16B) 2.35	(16C) 2.50

Engineer's estimate: \$96,000. A grant of \$71,235 has been allotted by the PWA. Charles Dinmitt, City Engineer.

**SUTTER COUNTY—NICOLAUS BRIDGE—(County)**

**SUTTER CO., Calif.**—C. W. Caletti & Co., P.O. Box 243, San Rafael, at \$131,614, submitted low bid and awarded contract (subject to PWA approval) by the Sutter County Bd. of Supervisors, Yuba City, for the reconstruction and re-pair of the Nicolaus Bridge across Feather River, a six-span structure 750 ft. long.

Work will include the replacing of three timber combination spans with three steel through trusses; replacement of two steel deck spans with steel pony trusses; painting, repainting, and reflooring the existing 250-ft. swing span, and applying riprap to prevent scour.

Work will also include construction of one 200-foot steel span, two 169-foot steel spans, and two 80-foot steel spans, with reinforced concrete floors and curbs, and reflooring the existing 200-foot combination swing span with Redwood plank and mineral asphalt plank wearing surface.

(1) 1,020,000 lbs. structural steel, in place;	(A) \$0.10	(B) \$0.11	(C) \$0.11	(D) \$0.13	(E) \$0.13	(F) \$0.13
(2) 100,150 lbs. bar reinforcing steel;	.06	.06	.05	.06	.06	.06
(3) 507 cu. yd. Class A portland cement concrete;	25.00	18.00	22.00	25.00	20.00	29.00
(4) 29 cu. yd. Class A portland cement concrete, addition to pier 4, including excavation, all in place;	130.00	75.00	150.00	115.00	200.00	250.00
(5) 30,000 ft. b.m. Redwood timber, in place;	150.00	100.00	85.00	100.00	110.00	130.00
(6) 5,300 sq. ft. 1-mch mineral surfaced asphalt plank, in place;	.40	.45	.35	.15	.30	.50
(7) 480 lf. Douglas fir piling, in place.	1.00	1.25	1.25	1.00	.50	1.25

- (5) 30,000 ft. b.m. Redwood timber, in place;
  - (6) 5,300 sq. ft. 1-mch mineral surfaced asphalt plank, in place;
  - (7) 480 lf. Douglas fir piling, in place.
- Total bids follow:
- (A) C. W. Caletti & Co., San Rafael, \$131,614.00
  - (B) J. F. Knapp, Oakland 135,555.00
  - (C) Lord & Bishop, Sacramento 138,272.00
  - (D) George Pollock, Sacramento 143,654.00
  - (E) M. B. McGowan, Inc., San Francisco 144,934.00
  - (F) Peter J. McHugh, San Francisco 156,265.00

Unit bids follow:

(A) \$0.10	(B) \$0.11	(C) \$0.11	(D) \$0.13	(E) \$0.13	(F) \$0.13
.06	.06	.05	.06	.06	.06
25.00	18.00	22.00	25.00	20.00	29.00
130.00	75.00	150.00	115.00	200.00	250.00
150.00	100.00	85.00	100.00	110.00	130.00
.40	.45	.35	.15	.30	.50
1.00	1.25	1.25	1.00	.50	1.25

A grant of \$73,850 was recently allotted by the PWA. Plans prepared by Edward Von Geldern, Second and C Streets, Yuba City, Civil Engineer. C. W. Lanzendorf, County Engineer.

**NEW BIDS WANTED**

**COCONINO CO., Ariz.**—Until Jan. 21, 2 P. M., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing the following asphaltic road materials, for use on Grand Canyon Route 8, Grand Canyon National Park, Coconino Co.:  
 (1) 60 tons Type SC-2;  
 (2) 98 tons Type RC-4;  
 (3) 306 tons Type 90-95;  
 (4) 140 tons emulsified asphalt.

Specifications obtainable from the above office.

All bids received December 22 have been rejected.

**BIDS WANTED**

**SACRAMENTO CO., Calif.**—Until January 25, 10 a. m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for furnishing 2,200 tons of asphaltic plant mix, f.o.b. county trucks at Walnut Grove, for use on the Walnut Grove-Locke road.

The work will be done by county forces.

Specifications obtainable from the office of County Engineer E. A. Fairbairn.

**BIDS WANTED**

**SAN FRANCISCO.**—The Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Williams Avenue between Third Street and Newhall Street, including the intervening intersections and including the concrete work in the intersection of Williams Ave. and Third St., under Spec. No. 18,959. Estimated cost, \$24,960.

The work involves:

- (1) Grading (excav.);
- (2) Grading (embankment);
- (3) 12-in. VCP sewer, in place;
- (4) 6-in. VCP side sewer, in place;
- (5) 8-in. VCP side sewer, in place;
- (6) 12-in. x 6-in. Y branches, in place;
- (7) 12-in. x 8-in. Y branches, in place;
- (8) Brick manholes, complete;
- (9) Brick catchbasins, reset or reconstructed;
- (10) Brick catchbasins, complete;
- (11) 10-in. VCP culvert, in place;
- (12) Two-course concrete sidewalk;
- (13) Armored concrete curb;
- (14) Unarmored concrete taper curb;
- (15) Black base pavement, consisting of a 4-in. asphaltic concrete base course and a 2-in. asphaltic concrete wearing surface;
- (16) Asphaltic concrete wearing surface, removed and replaced;

- (17) Asphaltic concrete pavement;
- (18) Asphalt-concrete pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
- (19) 4-in. painted white lacquer traffic lines;
- (20) Street sign reset;
- (21) 9-unit warning reflectors, in place;
- (22) Standard wood fence.

**BIDS WANTED**

**PINAL CO., Ariz.**—Until Jan. 15, 2 P. M., bids will be received by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for construction of the Mesa-Superior Highway, F.A. 7, 2nd Reop. (1937) APE 8011. The work, which is to begin about 3.9 miles northwest of Florence Junction and is to extend southeasterly to Florence Junction over a recently constructed new alignment, consists of furnishing and placing aggregate base course and 90-95 road oil plant mix, and is to be completed on or before May 31, 1937. The approximate quantities and principal items are:  
 27,000 tons aggregate base course (CIP);

121 tons cutback asph. (MC-1);  
 5,100 tons plant mix;  
 278 tons road oil (90-95);  
 3.9 miles placing plant mix;  
 629 tons screenings;  
 100 M. gals. sprinkling;  
 100 hours rolling;  
 600 tons stockpiling plant mix.  
 Plans and specifications obtainable from the above office.

**30—RESERVOIRS & DAMS****BIDS WANTED**

**SEATTLE, Wash.**—Until January 14, 10 a. m., bids will be received by the Seattle Board of Public Works, G. W. Roberge, Secretary, Room 511, County City Bldg., Seattle, for the clearing of the Ruby Basin.

Bids will be taken as follows:  
 Proposal No. 1, comprising Schedules Nos. 1 to 5, inclusive.  
 Proposal No. 2, complete Schedule No. 6.

The work will involve clearing of about 2,100 acres of land, divided into five sections varying from 140 to 500 acres. Estimated cost, \$300,000.

The damsite is located in the valley of Skagit River, about 150 miles northeast of Seattle. The Ruby Dam, which will be 290 feet in length and constructed to elevation 1390, is estimated to cost \$1,350,000. It will involve 425,000 c.y. mass concrete, two cofferdams, 100,000 c.y. loose and solid

rock excavation, unlined diversion tunnel, necessary diversion control gates, etc. The project will also include a transmission line to cost \$2,000,000 and a substation to cost \$845,000.

Lynch Bros., Seattle, have been awarded a contract for diamond drilling, the first unit of the project.

A grant of \$3,000,000 was recently allotted by the PWA.  
 Plans and specifications for the clearing of the site may be obtained at Room 216, City Light Bldg., upon deposit of \$10.

**BIDS WANTED**

**BONNEVILLE, Ore.**—Until Jan. 12 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland Dist., 627 Pittcock Block, Portland, Lieut. Col. C. F. Williams, District Engineer, under Bid No. 694-37-225, for constructing a concrete filler block and a timber and steel cofferdam in temporary navigation recess in Monolith No. 27 at the east end of he ship lock at Bonneville.

The work involves:

- (1) 2,400 c.y. Class B concrete;
  - (2) 22,000 lbs. reinforcing steel;
  - (3) 11 MFBM lumber, in place;
  - (4) 1,500 lbs. anchor bolts and embedded parts, placing only;
  - (5) 2,500 lbs. anchor bolts, furnishing and placing;
  - (6) 250 l.f. drilling 1½- and 1¼-in. anchor bolt holes;
  - (7) 120 l.f. drilling 3-in. anchor bolt holes;
  - (8) 850 l.f. copper water stops;
  - (9) 48,500 lbs. stru. steel in place;
  - (10) 1,200 l.f. 4-inch fiber conduit, placing only;
  - (11) lump sum, remove timber manger gates, sills and operating equip.
- Plans and specifications obtainable from the above office.

**CONTRACT AWARDED**

**BONNEVILLE DAM, Ore.**—General-Sheila Co., Bonneville, at \$12,056 awarded contract by the U. S. Engineer Office, Second Portland District, Lieut.-Col. C. F. Williams, District Engineer, Pittcock Block, Portland, for the construction of three reinforced concrete guide piers for the upper guide wall of the navigation locks, Bonneville Project.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****BONDS WOTED**

**CHOWCHILLA, Madera Co., Calif.**  
 —A bond issue of \$20,000 to defray the city's share of a \$57,000 sewer project was unanimously approved at a special election December 28. The

**ALL-AMERICAN CANAL—R. R. & HIGHWAY SIPHONS—(Govt.)**

**ALL-AMERICAN CANAL.**—Lewis-Chambers Constr. Co., 801 Baronne Bldg., New Orleans, at \$106,528.50, as previously reported, submitted low bid to the Bureau of Reclamation, Yuma, R. B. Williams. Construction

Engineer, under Spec. No. 713, for the construction of a railroad and highway siphons on the All-American Canal, Stations 3579, 3683, 3710, and 3772, All-American Canal System, Boulder Canyon Project, near Calexico.

Quantities and unit prices of the four low bidders were published December 31.

Following is a complete list of the total bids:

	(1)	(2)	(3)	(4)	Total
(A) Lewis-Chambers Constr. Co., New Orleans	\$22,787.00	\$21,812.50	\$37,026.50	\$24,902.50	\$106,528.50
(B) Hoagland Engr & Constr. Co., Long Beach	23,843.00	22,886.20	39,228.20	25,935.00	111,892.40
(C) Sharp & Fellows Constr. Co., Los Angeles	24,153.60	23,114.30	38,509.30	26,171.30	111,948.50
(D) Gogo & Eades, Los Angeles	26,764.60	24,993.40	39,123.40	28,328.90	119,215.30
(E) Parish Bros., Los Angeles	25,484.60	24,510.45	45,091.25	27,708.10	122,798.40
(F) Heuser & Garnett, Glendale	28,418.00	27,235.40	46,332.50	30,896.00	132,881.90
(G) V. R. Dennis Co., San Diego	31,209.50	26,630.20	45,404.25	30,142.50	133,386.50
(H) United Concr. Pipe Corp., Los Angeles	28,530.15	27,309.15	46,736.15	31,199.55	133,775.00
(I) Claude Fisher Co., Ltd., Los Angeles	28,531.08	27,751.74	47,691.74	36,335.14	140,279.70
(J) Case Const. Co., Alhambra	29,570.05	28,373.75	50,792.75	32,062.50	140,799.05
(K) Peterson Cons. Co., Minneapolis	31,227.00	31,147.50	51,476.60	34,847.50	149,698.00
(L) D. W. Thurston, Los Angeles	32,962.35	31,554.30	55,372.10	35,831.60	155,735.00
(M) Contracting Engrs., Inc., Los Angeles	35,137.50	34,288.50	50,888.25	38,552.50	158,847.75
(N) J. E. Lippincott, Los Angeles	36,117.60	36,159.35	49,218.30	38,717.30	160,212.55
(O) Morrison-Knudsen Co., Los Angeles	35,721.00	34,403.20	57,212.20	38,810.00	165,146.40
(P) Frank Duran, San Diego			61,815.50		

Complete tabulation of unit bids is on file at the office of Daily Pacific Builder.

ond issue is contingent on granting of additional funds by the PWA. Frank Ady, Mayor.

**BIDS OPENED**

SAN RAFAEL, Marin Co., Calif.—J. J. Ongaro, 50 Winship Ave., San Anselmo, submitted low bid to the San Rafael City Council, Eugene W. Smith, City Clerk, for construction of a gravity sewer along a portion of the north side of the San Rafael-San Quentin Road.

The work involves:

- (1) 600 lf. 6-in. cast-iron pipe;
- (2) 2 each, manholes, complete in place.

Complete bids follow:

- J. J. Ongaro, San Anselmo—(1) \$170 per lf.; (2) \$65, each.
- Martin Murphy, Berkeley—(1) \$189 per lf.; (2) \$70, each.

**AWARD APPROVED**

PARLIER, Fresno Co., Calif.—The PWA has approved the award of a contract by the Parlier City Council to Harvey E. Conner, 1222 Whipple Ave., Redwood City, at \$37,400 (concrete pipe) for the construction of a sewage disposal system, including an Imhoff tank and treatment works and sanitary sewer system with outfall line.

Dan W. Chamberlin, 1213 Broadway, Fresno, engineer.

**PLANNED**

LODI, San Joaquin Co., Calif.—Harry N. Jenks, 2701 Avenue, Berkeley consulting engineer, will conduct tests at the Lodi sewage disposal plant preliminary to recommending improvements to cost approximately \$15,000. C. O. Henning, city engineer.

**BIDS WANTED**

RIVERSIDE COUNTY, Cal.—Until Jan. 22, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for construction of a sewer system connecting Mountain pumping plant, approximately 10 miles north of Desert Center, Riverside County. The work comprises the furnishing and installing of vitrified clay sewer pipe cast iron soil pipe, fittings and construction of a septic tank and manholes. Spec. No. 185. Certified or cashier's check, \$350, must accompany bid. Plans and specifications may be obtained from Room 1007, 306 W 3rd St., Los Angeles, upon payment of \$2 per set, not returnable.

**33— WATER WORKS**

**CONTRACT AWARDED**

CALDWELL, Idaho.—Layne & Bowler, 900 Santa Fe, Los Angeles, at \$19,379 (second low bidder), awarded contract by the Pioneer Irrigation District, Caldwell, M. DeCoursey, president, for furnishing and installing 16 deep well turbine pumps and motors, complete.

Bids were opened October 19. Palmer Supply Co., Seattle, at \$19,379, submitted the low bid.

R. M. Ednie, Napa, consulting engineer.

**BIDS OPENED**

LOS ANGELES—Rohi-Connelly Co., 431 Valley Blvd., submitted the apparent low bid to D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, room 740, 207 S. Broadway, January 4, for constructing a 20-in. cast-iron water supply line under main ship channel, San Pedro. PWA Docket No. 1929-R, Unit No. 89-B. Spec. No. X-83. The items are:

- (a) 175 tons transporting pipe from Rohl's San Pedro yard, per ton;
- (b) 108 lf. furnish and install 30-in. I D corr. galv. steel pipe with

air vents under S P R R tracks, per ft;

- (c) 11 c y. concrete anchor block on 20-in. C I pipe, per yd.;
- (d) 496 lf. driving 14 crososted piles, per ft;
- (e) Lump sum, for re-inf. concr. pile caps, pipe supports, and tiestruts;
- (f) 96 lf. 20-in. flanged end C I pipe from end of anchor block;
- (g) 54 lf. furnish material and sink a 7-ft. diam. sheet pile caisson, per ft.;
- (h) 50 lf. install inside caisson 20-in. flanged end C I pipe incl. installation of 90-degree bends and 14-in. section flange;

- (i) 10 c y. furnish all material and place concrete at subgrade inside the 7-ft. inside diam. caisson;
- (j) 47 lf. furnish and install inside the caisson and outside the 20-in. C I pipe 36-in. 24-ga. steel pipe;
- (k) 1424 lf. excav. trench for 20-in. pipe from caisson to end of contract on east shore of the main ship channel;
- (l) 20 c y. furnish and place rock blanket for approx. 16 ft. east of caisson;

(m1) Furnish and place crushed rock if required, under 200 yds.;

(m2) Furnish and place crushed rock if required, 200 to 400 yds.;

(m3) Furnish and place crushed rock if required, over 400 yds.;

- (n) 1424 lf. install 20-in. C I pipe across main ship channel from the caisson to the end of the contract on the east shore of the channel;

- (o) 1424 lf. backfill over 20-in. cast-iron pipe across channel from the caisson to the end of the contract on the east shore of the channel;

- (p) 100 c y. replace rock riprap and place additional rock riprap, if required;

- (q) discount if allowed to work each labor classification 40 hours per week.

The bidders were:

- (1) Rohi-Connelly Co.—\$56,851.70 (less item m).
- (2) Hull, Smale & Robinson, Inc.—\$58,692.70 (less item m).

The bids were:

(a)	(1)	(2)
(b)	\$ 130	\$ 182
(c)	21.00	44.23
(d)	48.00	44.10
(e)	1.70	5.26
(f)	952.00	1047.00
(g)	7.80	4.48
(h)	45.00	87.28
(i)	14.50	655.00
(j)	28.00	43.88
(k)	9.00	23.20
(l)	19.00	19.00
(m)	10.00	8.75
(m-1)	6.35	6.25
(m-2)	6.35	6.25
(m-3)	6.35	6.25
(n)	8.53	5.45
(o)	5.27	4.75
(p)	5.19	7.09
(q)	2%	1½%

**BIDS OPENED**

SAN FRANCISCO—W. J. Tobin, 566 Howard St., San Francisco, at \$73,95, submitted low bid to the Public Utilities Commission, City Hall, under S.F.W.D. Contract No. 135, for the laying of 6-in. and 8-in. cast-iron pipe lines in Thirty-third and Forty-fifth Avenues and Alameda Blvd.

The work involves:

- (1) 775 lf. excav. and backfill of 6-in. and 8-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 15 c y. additional excav.;
- (3) 60 sq. ft. additional pavement removed and replacement;
- (4) Installation of pipe:
  - (a) 405 lf. 6-in. bell and spigot cast-iron pipe;
  - (b) 370 lf. 8-in. do.;

- (5) 2,200 lbs. installing of fittings, gate valves, etc.;
- (6) 125 lf. making joints for pipe and fittings;
- (7) Repairment:
  - (a) 632 sq. ft.;
  - (b) 580 sq. ft. sidewalk;
- (8) Installation of 1¾-inch screw tops;
- (9) Installation of 75 feet of ¾-inch sewer pipe.

Total bids follow:

- (A) W. J. Tobin.....\$735.95
- (B) P. L. Burr.....\$220.90
- (C) E. J. Treacy.....\$52.65

Unit bids follow:

(1)	(A)	(B)	(C)
(1)	\$0.30	\$0.50	\$0.63
(2)	.10	1.50	.25
(3)	.30	.40	.30
(4a)	.07	1.10	.06
(4b)	.08	.12	.07
(5)	.03	.02	.03
(6)	.30	.30	.25
(7a)	.25	.25	.25
(7b)	.20	.20	.14
(8)	2.00	2.00	2.00
(9)	.30	.30	.40

N. A. Eckart, Chief Engineer.

**34— PARKS AND PLAY-GROUNDS**

**BIDS WANTED**

SALINAS, Monterey Co., Calif.—Until January 23, 10 A. M., bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Salinas.

Specifications obtainable from the above office and from the Custodian of the building at Salinas.

**BIDS OPENED**

ANAHEIM, Orange Co., Calif.—The Garden Center, 8482 Beverly Blvd., Los Angeles, at \$436, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Anaheim.

Only other bid submitted by Wallace T. Derr, Los Angeles, at \$1,335.

**CONTRACT AWARDED**

HAYWARD, Alameda Co., Calif.—E. E. Annys Nursery, 1020 Dublin Blvd., Hayward, at \$496, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Hayward.

**35— TUNNELS**

**REJECTION APPROVED**

ALAMEDA-CONTRA COSTA COS. CALIF.—The Board of Directors of Joint Highway District No. 13 has been authorized by the PWA to reject all bids received December 8, under Schedule "C", for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel.

Fred J. Early, Jr., San Francisco, at \$498,862.50 submitted the lowest bid.

It has not been determined whether the work will proceed by day labor or new bids be called.

Wallace B. Boggs, chief engineer.

**BIDS WANTED**

SAN FRANCISCO—Until January 11, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Postoffice, San Francisco, under Bid No. 868-37-127, for two core borings at Fort Funston Reservation.

Bids will be taken as follows:

- (1) 250 lf. core boring, taking undisturbed samples;
- (2) 80 lf. core boring, taking undisturbed samples.

Specifications obtainable from the above office.

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Announced



*Broadway Tunnel Completion Jobs  
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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., JANUARY 16, 1937

No. 56

## STATE ASKED TO CONSTRUCT BRIDGE ROAD

**Funston Approach To Gate  
Span Through the Presidio  
May Cost \$1,500,000**

Plans for financing the Funston Avenue approach to the Golden Gate Bridge within the Presidio by which the state will pay two-thirds the cost of construction and San Francisco one-third, are expected to receive approval of the State Highway Commission today in Sacramento.

District Engineer Jno. H. Skeggs will recommend the project, it is understood.

The plan by which San Francisco will pay one-third the cost of construction originated at an informal meeting between city and Division of Highway officials held in Sacramento recently. Since state officials helped decide upon the plan it is believed that it will be approved by the commission today.

At present, Casey states, there are nine proposed plans for the approach. The two receiving immediate consideration are estimated to cost \$1,600,000 and \$1,100,000. The length of approach which must be built to conform with certain Army regulations will determine the final cost.

If present plans go through, the state will allocate \$5000 for a survey of the approach. Following approval, the temporary roads will be constructed. The question as to who will build these roads is as yet undecided, according to Casey, who suggested that the WPA might aid in the work.

The city's share of the cost of the approach, amounting to approximately \$500,000, will come from either the one-quarter cent gas tax fund for construction of state highway routes through cities, or from the second quarter cent gas tax fund. The former plan is favored by officials of the Department of Public Works. An agreement is expected to be reached by which the city will pay its share of the construction costs over a four-year period, approximately \$125,000 per year, so that the present street construction program will not be disrupted.

## PRESIDENT ASKS WORKS DEPARTMENT

Creation of a single Public Works Department as one of 12 major administrative divisions of the federal government was recommended to congress this week by President Roosevelt, in his message asking sweeping reorganization of federal agencies.

Under this department all government agencies concerned with major construction jobs, except those which are the normal work of such other divisions as the U. S. Army Engineers, would operate. Function of the department, according to the report of the President's committee, would be to advise on public works, design, construct and maintain large scale public works, and allot federal funds for construction.

## S. F. COLLEGE WORK PLANNED COSTING \$2,115,000

**Legislators Seek Appropriation  
For Replacements and  
Additions**

Funds for a group of modern buildings at the San Francisco State College are to be sought in an appropriation measure presented to the state legislature by the San Francisco assembly delegation. A special appropriation of \$2,380,000 is requested. Of this amount \$2,115,000 is for new buildings.

The appropriation would be divided as follows:

Main College Hall .....	\$900,000
Auditorium .....	325,000
Gymnasium .....	340,000
Library .....	500,000
Athletic Field and Im-	
provements .....	195,000
Minor Construction .....	50,000
Land Purchase and Im-	
provements .....	70,000

Assemblymen declared the existing state school plant in San Francisco is overcrowded, its buildings are obsolete and it lacks essential facilities.

## ASK NEW BIDS FOR BROADWAY TUNNEL WORK

**Highway District Sets Jan. 27  
As Date For Completion  
Proposals**

New bids for completion of the Broadway low - level tunnel had been invited today by directors of Joint Highway District No. 13, to be opened in Oakland January 27.

Bids on the two contracts received December 9 and aggregating some \$544,000 were rejected by the district.

The larger of the two contracts is the principal job remaining to be let on the tunnel job, and includes completion of air ducts, paving and other work in the portion of the tunnel already excavated. Last month Fred J. Early, Jr., San Francisco, was low bidder for the job at \$498,862.

A second contract calls for completion of ventilating buildings, including portions of electrical equipment. K. E. Parker Co., San Francisco, was low bidder in December on this job, with a figure of \$45,892.

### Other Work Let

The contract for completion of the tunnel excavation already has been awarded to Geo. Pollock and R. G. Clifford, and the contractors are at work on the project at the present time. Contract price for the excavation completion is \$731,100.

Other tunnel completion contracts, let after Six Companies of California abandoned the project, include: Alta Electric & Mechanical Co., San Francisco, completion of ventilating, mechanical and electrical equipment, \$269,800; Heafey-Moore Co., Oakland, completion of approaches, \$209,713; and R. G. Clifford, completion of grouting in tunnels around concrete already installed in the tunnel, \$29,750.

Work on the Redwood City harbor was underway this week as Healy-Fibbitts Construction Company, contractor for the job, started pile-driving operations. The project is financed jointly by the city, PWA and War Department funds.

## Friant Dam Prevailing Wage Scale Announced By Department of Labor

With a \$15,000,000 appropriation for the Central Valley Project recommended last week by President Roosevelt, the big reclamation job today moved another step closer to construction as the Department of Labor announced prevailing wage scales to apply on Friant Dam, diversion works for the Madera and Friant-Kern canals and possibly the government camp at Friant Dam site.

"We can advertise for bids on the dam as soon as water right negotiations are completed," Acting Commissioner of Reclamation John C. Page is quoted as saying.

Single classifications for carpenters and riggers are established, with rates set at 1.06¼ per hour for carpenters and \$1.50 per hour for riggers.

Rates in three of the wage brackets are reported to be in conflict with union demands, but the labor department added to its announcement the notation that they are subject to revision upwards upon completion of negotiations with labor representatives.

In his announcement Page declared the scales are not applicable to either of the canals proper. Following are the hourly rates, according to press advices from Washington:

Bricklayers and stone masons; operators of highline cableway cranes, derricks, mucking machines, pile drivers and power shovels and other excavating equipment with shovel-type controls; plasterers; riggers; structural steel erectors; hook-tenders; signman—\$1.50 an hour.

Blacksmiths, \$1.10; carpenters, \$1.06¼; cement finishers, \$1.10; electricians, \$1.25; linemen, \$1.12¼; linemen (cable splicers), \$1.25; electricians' apprentices—initial rate—\$4 per day; glaziers, \$1.06¼; latners, \$1.25; machinists, \$1.00; compressor plant operators, \$1.25; concrete plant operators, \$1.10; core drill operators, \$1; drangle (except with shovel type controls) \$1.25; blade grader (five ft) work \$1; grader elevating, \$1; hoist (two or more drums) \$1.25; machine drill-steel dresser, \$1.10; roller (fin-othor work) 90 cents; tractor (50 h.p. and over), \$1; transit mix operator and driver, 93 cents; trenching machine operators, \$1.37½.

### Apprentice Scale Set

Ornamental iron workers, \$1.25; painter, \$1; pipefitter, \$1.33½; plumbers and steamfitters, \$1.21-3.7; roofers \$1; sheet metal workers \$1.21-3.7; structural iron workers' apprentices, \$1; reinforced ironworkers' apprentices, 83½ cents; ornamental ironworkers' apprentices, 83½ cents; tile setters, \$1.25.

Welders (this work performed by craft performing operation to which welding is incidental and the individual craft wage applies).

Concrete vibrator operators, \$1.00; concrete workers, 77 cents; bricklayers' tenders, 87½ cents; jackhammerman, 75 cents; motorman, underground, \$1.25; miner, machine man, timberman, 75 cents; oilers and firemen, 82 cents; oil distributor bootman, 75 cents; churn drill (solid bit) operator, 75 cents; concrete mixer, 93 cents; crusher plant, \$1.25; dunkey locomotive, \$1.25; grader, rough work (towing or motor), 75 cents; pipe-layer (where cement or caulking is not used. This classification does not include laying of culverts), 82

## CREDIT COUNCIL MEMBERS OPPOSE RETURN OF NRA

### Uncertain of Robinson-Patman Effect On Industry Operations

Opposition to the return of the NRA system to their particular line of business is expressed by 83 per cent of the members of the economic credit council of the National Association of Credit Men in a survey just completed. The council is composed of approximately two hundred members from all sections of the country, these members representing firms in the banking, manufacturing and wholesaling fields.

In response to another question in the survey asking them what they believe or know is the reaction to the NRA's possible return in their line of business on the part of other business men in their line, 15.5 per cent reply that they believe there is a generally favorable reaction by other business men in their line. But the overwhelming majority, 84.5 per cent, report a generally unfavorable reaction to recent reports about the possible return of the code system for American business.

An indication of the uncertainty which surrounds the operations of the Robinson-Patman Act and its potential effect upon their business activities is available from the returns to the question: "Will the Robinson-Patman Act affect your firm favorably?"

Thirty per cent of the members reporting believe it will. Thirty-three per cent feel it will affect their business operations unfavorably. Thirty-seven per cent replied, in effect, that they don't know as yet.

Both the banking and the commercial members of the council note a rise in bank credit extensions during the past two years. But there is a rather close division of opinion among the banking members of the council as to whether the validity of loan applications during the past two years has justified bank credit expansion to the amount deemed desirable by some commentators.

Eighty-five per cent of those answering expect an average improvement of 15 per cent in business conditions during 1937, while the remainder expect the 1936 level to be held during the new year. None anticipate poorer business conditions during the months ahead.

In the matter of inventories, 74 per cent of the credit executives report that they found inventories during 1936 to have been maintained at an average 14 per cent higher than in 1935. As to their own firm's inventories, 81 per cent said their inventory averaged 20 per cent higher in 1936 than over the six-year depression period.

## BIG OAK FLAT TUNNEL BIDS TOP ESTIMATE

### Sam Orino, Bonneville Contractor, Submits Low Proposal At \$375,687

Sam Orino, Bonneville, Oregon, yesterday submitted a bid to District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads in San Francisco at \$364,530 for constructing a tunnel on Big Oak Flat road on the rim of Yosemite Valley. The bid is approximately \$28,000 lower than that offered by Shofner and Gordon and Hinman Bros. of Los Angeles when the job was advertised originally a month ago. The same firm yesterday bid \$375,687.

Contractors' estimates remain considerably above that of the engineer at \$272,100. The low bidder's figure on tunnel excavation is \$150 per lineal foot, compared with an estimate of \$110. Bureau forces recently completed excavation of two short tunnels near the site of the work proposed, which is reportedly the basis on which the estimate has been made. Other bids offered on the contract yesterday were by Colonial Construction Company, Spokane, \$378,741; and Case Construction Company, Alhambra, \$449,980.

The new tunnel will open a shorter route built to modern highway standards to replace the present Big Oak Flat road.

## ELKO VOTES STREET, WATERWORKS BONDS

Elko citizens last week approved two bond issues totaling \$50,000, to finance improvements to the city water and street systems. The street bond issue amounts to \$35,000 and that for waterworks improvements \$25,000. Voting at the election was light, a majority of almost five to one favoring both issues.

cents; powderman, 75 cents; rodmen, reinforced steel workers, \$1.25; tractor driver (less than 50-h.p.), 68 cts.; truck driver, four cubic yards water capacity), 68 cents; pitman (power shovels), 60 cents; bridge laborer, 69 cents; underground laborer, 65 cents; common laborer, 60 cents; teamster, 60 cents; plaster tender, \$1.10; flagman, 60 cents; spray gun operator (concrete curing), 75 cents. and sloper, 75 cents.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
27	Allison	Owner	4500
28	General	Mortenson	4000
29	C. & M.	Owner	2850
30	Neil	Owner	2000
31	Cuthbert	Lindsay	3500
32	Huber	Owner	1200
33	Larsen	Michael	4000
34	Camera	Mullen	1800
35	C. & M.	Owner	2850
36	Pacific	Clack	1900
37	Doelger	Owner	5000
38	Doelger	Owner	4000
39	Graipon	Early	5000
40	St. Lukes	Stockholm	1100
41	Buddhist	Owner	55000
42	Christensen	Owner	4000
43	Christensen	Owner	4000
44	Doelger	Owner	5000
45	Stard	Owner	2000
46	Galley	Mattock	10000
47	Schilling	Nielsen	10000
48	Jon	Mattock	12000
49	Pacific	Coburn	3000
50	Glace	Mullen	3750
51	Paganini	Bon	1200
52	Thompson	Gladstone	10000
53	Dempsey	Owner	4000
54	Anderson	Akard	7000
55	Rothschild	Owner	5000
56	Crocker	Dinwiddie	6000
57	Thorinson	Owner	3500
58	Thorinson	Owner	3500
59	Thorinson	Owner	3500
60	Thorinson	Owner	3500
61	Penn	Owner	10000
62	Jose	125000	
63	Chong	Sommarstrom	10000
No.	Owner	Contractor	Amt.
64	Standard	Owner	3500
65	Standard	Owner	3500
66	Standard	Owner	3500
67	Brannan	Owner	1000
68	Eggers	Salomon	1200
69	Huber	Mullen	1850
70	Duermer	Duermer	4000
71	Skelly	Rousseau	150000

**DWELLING**  
(27) W. 21ST AVE., 137 W MORAGA One-story and basement frame dwelling.  
Owner—Ray Allison, 111 Taylor.  
Architect—Not Given. \$4500

**ALTERATIONS**  
(28) SE COR. CARROL AND NEW-HALL. Alter shed.  
Owner—General Brewing Corporation, Prem.  
Contractor—Mortenson Constr. Co., 19th and Indiana.  
Architect—Not Given. \$4000

**DWELLING**  
(29) E. 45TH AVE., 175 S TARAVALL One-story frame dwelling.  
Owner—C. and M. Builders, 1530 35th Ave.  
Architect—Schultz & Dakin, Flatiron Bldg. \$2850

**DWELLING**  
(30) S. BRUCE, 175 W EDGAR. One-story frame dwelling.  
Owner—Alexander, Neil, 231 Vista Ave., Daly City.  
Architect—Not Given. \$2000

**DWELLING**  
(31) S. ARLETA, 50 W ALPHA. One-story and basement frame dwelling.  
Owner—M. L. Cuthbert, 940 Geneva.  
Contractor—Boyd C. Lindsay, 183 Oxford.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(32) 680-86 ASH ST. Alter flats.  
Owner—Kurt Huber, 312 Kearny.  
Architect—Not Given. \$1200

**DWELLING**  
(33) E. ELMIRA ST., 250 N AUGUSTA. One-story and basement frame dwelling.  
Owner—August Larsen, 160 Elmira.  
Contractor—Michael & Bomerer, 762 DeHaro St.  
Architect—Albert H. Larsen, 333 Kearny. \$4000

**ALTERATIONS**  
(34) 137 KEARNY. Alter shop.  
Owner—Camera Shop, Prem.  
Contractor—Mullen Manufacturing Co., 60 Rausch.  
Architect—Not Given. \$1800

**DWELLING**  
(35) E. 45TH AVE., 150 S TARAVALL One-story frame dwelling.  
Owner—C. & M. Builders, 1530 35th Ave.  
Architect—Schultz & Dakin, Flatiron Bldg. \$2850

**ALTERATIONS**  
(36) 235-241 Van Ness Ave. S. Alter factory.  
Owner—Pacific Gas Heating Co., 1240 Mission.  
Contractor—Robert G. Black, 1935 Carillo.  
Architect—Not Given. \$1900

**DWELLING**  
(37) SW COR. 20th AVE. and Lawton. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000

**DWELLING**  
(38) SW COR. 20th AVE. and Moaga. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**ALTERATIONS**  
(39) 2875 JACKSON ST. Alter apt.  
Owner—B. M. Graipon, care contractor.  
Contractor—Fred J. Early, Jr., 369 Pine Street.  
Architect—Not Given. \$5000

**SHOP**  
(40) NW VALENCIA and Duncan. One-story Class C shop.  
Owner—St. Lukes Hospital, premises  
Contractor—Chas. Stockholm & Sons Russ Building.  
Architect—Not Given. \$1100

**CHURCH**  
(41) SE PINE and OCTAVIA Sts Two-story frame church.  
Owner—Buddhist Mission of North America, 1831 Pine Street.  
Contractor—Not Selected.  
Engineer—C. J. Shy, 251 Kearny St \$55,000

**DWELLING**  
(42) W 23rd AVE., 150 S Kirkham One - story and basement frame dwelling.  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 48th Avenue. \$1,000

**DWELLING**  
(43) W 23rd AVE., 175 S Kirkham One - story and basement frame dwelling  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 48th Avenue. \$4,000

**DWELLING**  
(44) W 16th AVE., 263 South Lawton. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000

**ALTERATIONS**  
(45) 1140 GOLDEN GATE AVE. Alter synagogue.  
Owner—Anshay Sfarad, premises.  
Architect—F. W. Dakin, 625 Market Street. \$2,000

**WAREHOUSE**  
(46) W TENTH 100 E Folsom St. Class C warehouse.  
Owner—G. Galley, Jr., 604 Mission.  
Contractor—A. F. Mattock Co., 212 Clara Street.  
Architect—Angus McSweeney, 604 Mission Street.  
Engineer—Norman Green, 35 New Montgomery Street. \$10,000

**ALTERATIONS**  
(47) 2008 WASHINGTON ST. Alter dwelling.  
Owner—Dr. Walter Schilling, premises.  
Contractor—N. F. Nielsen, 666 Mission Street.  
Architect—Julia Morgan, 1135 Merchants Exchange Bldg. \$10,000

**DWELLING**  
(48) S WASHINGTON 156 E Arguello Blvd. Three - story and basement frame dwelling.  
Owner—Forrest Jones, 210 Post St.  
Contractor—A. F. Mattock Co., 212 Clara Street.  
Architect—Gardner Dailey, 210 Post Street. \$12,000

**ALTERATIONS**  
(49) NE COR. 12th and HOWARD. Alter carpet store.  
Owner—Pacific Floor Coverings, Inc., 330 S Mission Rd., Los Angeles.  
Contractor—I. W. Coburn, 2045 St. \$3,000

**ALTERATIONS**  
(50) 221 FOWELL ST. Alter cafe.  
Owner—Glace Fruits, Inc., premises  
Contractor—Mullen Mfg. Co., 60 Rausch St. \$3750

No. Owner Contractor Amt.  
**ALTERATIONS**  
(51) 25th ST., BET CHURCH AND SANCHEZ. Alter flat and store.  
Owner—Mr. Paganini, care Contractor.  
Contractor—Leo Dal Bon, 37 Valparaiso.  
Architect—Not Given. \$1200

**DWELLING**  
(52) S. CASTENADA, 300 W PACHECO. Two-story and basement frame dwelling.  
Owner—M. L. Thompson, Western Women's Club.  
Contractor—D. B. Gladstone, 557 Market St.  
Architect—W. W. Wurster, 260 California. \$10,000

**DWELLING**  
(53) W DIVISADERO, 213 N. 14TH. One-story and basement frame dwelling.  
Owner—Mr. Dempsey, 127 Diamond.  
Contractor—Not Awarde.  
Architect—C. M. Eaker, 155 Montgomery St. \$4000

**DWELLING**  
(54) WEST 14TH AVE., 100 S VICENTE One-story and basement frame dwelling  
Owner—S. R. Anderson, 1433 7th Ave.

Architect—C. O. Clausen, 746 46th Ave. \$4000

## STORES

(55) S. GEARY, 58 E 19TH AVE. Two-story frame stores. Owner—S. V. Rothschild, 41 Sutter. Contractor—W. C. Akard, 225 Cervecas. Architect—Frederick Amandes, 414 Dewey Blvd. \$7000

## ALTERATIONS

(56) 150 POST ST. Alter office. Owner—Crocker Estate Co., Crocker Bldg. Contractor—Dinwiddie Constr. Co., Crocker Bldg. Architect—Kent & Hass, Underwood Bldg. Engineer—R. J. Fisher, Crocker Bldg. \$6000

## DWELLING

(57) E. 29th AVE., 125 N VICENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean. Architect—Not Given. \$3500

## DWELLING

(58) E. 29th AVE., 150 N VICENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean. Architect—Not Given. \$3500

## DWELLING

(59) E. 29th AVE., 100 N VICENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean. Architect—Not Given. \$3500

## DWELLING

(60) E. 29th AVE., 175 N VICENTE. One-story and basement frame dwelling. Owner—F. H. Thorinson, 1630 Ocean. Architect—Not Given. \$3500

## FLATS

(61) N. CARRILLO, 62 E 26TH AVE. Two-story frame flats. Owner—James S. Penn, 28 Casa Way. Architect—Not Given. \$10,000

## APARTMENTS

(62) NE COR. BUCHANAN AND WASHINGTON. Six-story Class C Apartments. Owner—Edward Jose, 251 Kearny. Contractor—Segregated Contracts. Architect—H. C. Baumann, 251 Kearny Street. Engineer—Jas. M. Smith, 251 Kearny Street. \$125,000

## APARTMENT HOUSE

(63) N. WASHINGTON, 75 W POWELL. Three-story frame apartment house. Owner—Lue Fat Chong, 277 Pine St. Contractor—Ed Sommarstrom, 277 Pine St. Architect—Not Given. \$10,000

## DWELLING

(64) N. LAWTON, 95 W 43RD AVE. One-story and basement frame dwelling. Owner—Standard Building Co., 1500 Judah St. Architect—Not Given. \$3500

## DWELLING

(65) NW COR. 43RD AVE. AND LAWTON. One-story and basement frame dwelling. Owner—Standard Building Co., 1500 Judah St. Architect—Not Given. \$3500

## DWELLING

(66) N. LAWTON, 120 W 43RD AVE. One-story and basement frame dwelling. Owner—Standard Building Co., 1500 Judah St. Architect—Not Given. \$3500

## ALTERATIONS

(67) 4052 18TH ST. Alter mill. Owner—Brannan St. Mill, Prem. Architect—Not Given. \$1000

## ALTERATIONS

(68) 4052 18TH ST. Alter flats. Owner—A. Eggers, care Contractor. Contractor—L. Salomon, 1734 Broderick. Architect—Not Given. \$1200

## ALTERATIONS

(69) 450 SUTTER ST. Alter garage. Owner—450 Sutter Garage, Prem. Contractor—Mullen Mfg. Co., 60 Raush. Architect—Not Given. \$1850

## DWELLING

(70) E. 12TH AVE., 150 N MORAGA. One-story and basement frame dwelling. Owner—James C. Duerner, 301 Evergreen. Contractor—James C. Duerner, 301 Evergreen. Architect—Not Given. \$4000

## APARTMENTS

(71) N. PACIFIC AVE., 122 EAST GOUGH ST. Six-story Class C apartments. Owner—Frances Skelly, care Contractor. Contractor—Oliver M. Roussau, Inc., 321 Kearny. Architect—Not Given. \$150,000

## ALAMEDA COUNTY

17	Christine	Owner	11000
18	Milton	Owner	4300
19	John	Owner	5000
20	Stuart	Van Aalst	5000
21	Anderson	Owner	1600
22	Johnson	Owner	5000
23	Soder	Owner	3100
24	Pattiani	Ferre	3000
25	French	Colby	4000
26	Langworthy	Haskell	6500
27	Scammel	Owner	5300
28	Greenberg	Neilson	5000
29	Cain	Owner	1000
30	Hayward	Kaiser	2600
31	Larmer	Treichel	7250
32	S P	Owner	3580
33	Simon	Sheridan	7980
34	Porter	Nordstrom	3000
35	Stein	Bigelow	2500
36	Hamilton	Haulman	5000
37	Lee	Owner	3800
38	Lee	Owner	2000
39	Nebeker	Owner	1850
40	Sigwald	Owner	9850
41	Richfield	Lewis	2900
42	MacGregor	Owner	4350
43	Bradley	Rose	1500
44	Phi	Teigland	2700

## RESIDENCE

(18) 21 SELBOURNE DR., PIEDMONT. Two-story 9-room residence and garage. Owner and Builder—Gene Bristline, 352 Jerome Ave. Architect—Not Given. \$11,950

## DWELLING

(19) 3207 WYMAN ST., OAKLAND. One-story 6-room dwelling. Owner and Builder—Ole Moln, 3201 Wyman St. Architect—Not Given. \$4300

## DWELLING

(20) 314 FLORENCE AVE., OAKLAND. One-story 6-room dwelling. Owner—Stuart Hawley, Jr., Financial Center Bldg. Contractor—W. Van Aalst, 2039 34th Ave. Architect—Not Given. \$5000

## DWELLING

(21) 2407 RANSOME AVE., OAKLAND. One-story 3-room dwelling.

Owner and Builder—F. A. Anderson, 2405 Ransome Ave. Architect—Not Given. \$1600

## DWELLING

(22) 3500 MOUNTAIN BLVD., OAKLAND. Two-story 6-room dwelling. Owner and Contractor, O. W. Johnson, 3721 Young Ave., Oakland. Architect—Not Given. \$5,000

## DWELLING

(23) 2327 109th AVE., OAKLAND. One-story 5-room dwelling and garage. Owner and Builder—Oscar Soder, 841 Arlington St., Oakland. Architect—Not Given. \$3,100

## ALTERATIONS

(24) 327 21st ST., OAKLAND. Alterations. Owner—Warner Brothers, 2201 Telegraph Ave., Oakland. Contractor—A. W. Pattiani, 1916 Broadway, Oakland. Architect—H. C. Ferree, 435 Valle Vista Ave., Oakland. \$10,000

## DWELLING

(25) 779 HILLDALE, BERKELEY. One-story 6-room dwelling and garage. Owner—O. M. French, 2229 Carlton, Berkeley. Contractor—J. E. Colby, 2229 Carlton St., Berkeley. Architect—Not Given. \$4,000

## DWELLING

(26) 358 PANORAMIC WAY, BERKELEY. Two-story five-room frame dwelling and garage. Owner—Mrs. M. Langworthy, 2631 Durant St., Berkeley. Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland. Architect—Williams and Wastell, 374 17th St., Oakland. \$6500

## DWELLING

(27) 2477 CORDOVA ST., OAKLAND. Two-story 6-room dwelling and garage. Owner and Builder—J. W. Scammell, 2461 Fruitvale Ave., Oakland. Architect—Not Given. \$5300

## DWELLING

(28) 66 POPPY LANE, BERKELEY. Two-story six-room frame dwelling and garage. Owner—D. M. Greenberg, 1506 Albany Terrace, Albany. Contractor—L. Neilson, 1509 Albany Terrace, Albany. Architect—Not Given. \$5000

## ALTERATIONS

(29) 2157 DWIGHT WAY, BERKELEY. Alterations. Owner and Contractor—E. A. Cain, 2157 Dwight Way, Berkeley. Architect—Not Given. \$1,000

## DWELLING

(30) 2990 BARRETT ST., OAKLAND. One-story 4-room dwelling. Owner—Chas. D. Hayward, 223 Frisbie St. Contractor—Osnup & Kaiser, 1065 Victoria Ave., San Leandro. Architect—Not Given. \$2600

## DUPLEX

(31) 434-36 MERRITT AVE., OAKLAND. Two-story 8-room duplex. Owner—Builder—Edward Larmer, 90 Fairview Ave., Piedmont. Architect—Chester Treichel, 696 Cleveland Ave. \$7250.00

## FREIGHT SHED

(32) W KIRKHAM ST., 245 S 5TH ST., OAKLAND. One-story steel freight shed. Owner and Builder—Southern Pacific Co., 5th and Kirkham Sts. Architect—Not Given. \$3580

**ALTERATIONS**  
(33) 500-510 BROADWAY, OAKLAND. Alterations.  
Owner—B. Simon Hardware Co., 803 Broadway.  
Contractor—R. E. Sheridan, 2201 Brush St.  
Architect—Not Given. \$7980

**ALTERATIONS**  
(33) (34) 2349 SHATTUCK, BERKELEY. Alterations and additions.  
Owner—Blanche Porter, care Contractor.  
Contractor—David Nordstrom, 254 Hobart, Oakland.  
Architect—Not Given. \$3000

**DWELLING**  
(35) 380 VERMONT. One-story 3-room frame dwelling and garage.  
Owner—L. Stein, 299 Arlington.  
Contractor—J. E. Bigelow & Son, 150 Ardmore Rd.  
Architect—Not Given. \$2500

**DWELLING**  
(36) 4943 PROCTOR AVE., OAKLAND. Two-story 5-room dwelling.  
Owner—Mildred Hamilton, 5323 Broadway.  
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.  
Architect—Not Given. \$5500

**DWELLINGS (2)**  
(37) 2817-2819 HUMBOLDT AVE., OAKLAND. Two 1-story 4-room dwellings.  
Owner & Builder—Ben F. Lee, 2813 Humboldt Ave.  
Architect—Not Given. \$1900 ea.

**DWELLING**  
(38) 2821 HUMBOLDT AVE., OAKLAND. One-story 4-room dwelling.  
Owner & Builder—Ben F. Lee, 2813 Humboldt Ave.  
Architect—Not Given. \$2000

**ALTERATIONS**  
(39) 70 PALA AVE., PIEDMONT. Alterations.  
Owner & Builder—Dudley H. Nebeker, Prem.  
Architect—Not Given. \$1850

**RESIDENCE**  
(40) 50 SOLELO AVENUE, PIEDMONT. Two-story 9-room frame residence and garage.  
Owner & Builder—Sigwald Bros., 916 Alma Ave.  
Architect—Ray Keefer, 585 Mandana Blvd. \$9,850

**SERVICE STATION**  
(41) 5542 E. 14TH ST., OAKLAND. One-story steel service station.  
Owner—Richfield Oil Co., 248 Battery St., San Francisco.  
Contractor—Lewis & Clark, 1002 California Bldg.  
Architect—Not Given.  
1-story steel comfort sta., \$1000

**DWELLING**  
(42) 1128 OXFORD, BERKELEY. Two-story 7-room frame dwelling.  
Owner & Builder—C. M. MacGregor, 1391 Solano Ave., Albany.  
Architect—Not Given. \$4350

**REPAIRS**  
(43) 2701 DURANT, BERKELEY. Repair fire damage.  
Owner—E. Brady, Prem.  
Contractor—A. H. Rose, 478 25th St., Oakland.  
Architect—Not Given. \$1500

**ADDITIONS**  
(44) 2830 BANCROFT, BERKELEY. Additions.  
Owner—Alpha Phil, Prem.  
Contractor—C. M. Telgland, 4607 Harbor Dr., Oakland.  
Architect—Not Given. \$2700

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
5 Bank	Jacobi	1981
6 Thompson	Gladstone	12771

**ALTERATIONS**  
9TH AND MARKET STS. Alter building.  
Owner—Bank of America N. T. & S. Assn.  
Contractor—Walter Jacobl, as Walter Mfg. Co., 148 Peoria St., Daly City.  
Filed Jan. 7, '37. Dated Jan. 5, '37. 75% 15th each month.  
25% usual 35 days.  
TOTAL COST, \$1,981.00  
Bond, \$1,981. Surety, Standard Accident Ins. Co. Plans and specifications filed.

**DWELLING**  
(6) LOT 14 BLK 10, Forest Hills. Two-story frame dwelling.  
Owner—Marie L. Thompson, 609 Sutter Street.  
Architect—Wm. Wilson Wurster, 260 California St.  
Contractor—D. B. Gladstone, 558 Market Street.  
Filed, Jan. 9, '37. Dated, Dec. 31, '36. Sub-let in place ..... \$1915 65  
Shingles in place ..... 1915 65  
Plaster on ..... 2554 20  
Completion ..... 3192 75  
Usual 35 days ..... 3192 75  
TOTAL COST, \$12,771.00  
Plans and specifications filed.

**BUILDING CONTRACTS  
ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
1 Owens	General	14248
2 Bank America	Walter	2070
3 Whiting	Lynn	19744

**ROOFING**  
(1) FRUITVALE AND ALAMEDA AVES., OAKLAND. Composition roofing for factory.  
Owner—Owens-Illinois Pacific Glass Co., 1855 Folsom St., San Francisco.  
Contractor—General Roofing Co., Beach and Halleck Sts., Emeryville.  
Filed Jan. 6, '37. Dated Dec. 16, '36. 75% 10th day each month, labor and material.  
25% usual 35 days.  
TOTAL COST, \$14,218.00  
Bond, \$7,124. Surety, U. S. Guaranty Co., New York. Plans and specifications filed.

**ALTERATIONS**  
(2) PATTERSON and Hopkins Sts., Oakland. Alterations.  
Owner—Bank of America N. T. & S. Architect—Not Given.  
Contractor—Walter Mfg. Co., 547 1/2 Mission St., San Francisco.  
Filed, Jan. 4, '37. Dated, Jan. 5, '37. 1st and 15th of each month ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$2070.00  
Bond, \$2070. Sureties, Standard Accident Ins. Co. Forfeit, \$25 per day. Limit, Feb. 1. Plans and spec. filed.

**RESIDENCE GROUP**  
(3) LOT 26 and POR LOTS 1, 2, 3 & 26, BLOCK 3, LA LOMA PK., BERKELEY. Residence group.  
Owner—H. H. Whiting, 1573 Hawthorne Terrace, Oakland.  
Architect—M. D. Reynolds, 269 Monte Vista, Oakland.  
Contractor—Willis F. Lynn, 1073 Ashmont St., Oakland.  
Filed Jan. 12, '37. Dated Jan. 4, '37. 90% labor and material, 1st day each month.  
10% usual 35 days.  
TOTAL COST, \$19,744.00

Limit, 90 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS  
UNDER \$1,000**

SIGN, electric, \$45; Polk and O'Farrell; owner, United Motor Service, Prem.; contractor, Electrical Prod. Corp., 910 Harrison.

ALTER dwelling, \$75; 429 44th Ave.; owner, E. Hope Doeg, Prem.

SIGN, electric, \$175; 142 Sansome; owner, Geo. Sprawkins, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

SIGN, electric, \$45; 960 Polk St.; owner, United Motor Service, Polk and O'Farrell; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER stores, \$125; 1778 Haight St.; owner, E. M. Doyle, 30 Montgomery St.

SIGN, electric, \$20; 531 Castro; owner, Castro Bakery, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER restaurant, \$465; 2391 Mission; owner, Johnson & Mareno, Prem.; contractor, Royal Showcase Co., 770 McAllister.

SIGN, electric, \$200; 148 Sansome; owner, Carls, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

SIGN, electric, \$130; 3300 Scott St.; owner, Dr. Vogt, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER flats, \$750; 1000-1007 McAllister; owner, E. M. Doyle, 30 Montgomery

FLUE, \$25; 195 Broad; owner, Harry Hughes, 232 Capitol.

SIGN, electric, \$45; Polk and O'Farrell; owner, United Motor Service, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

SIGN, electric, \$495; 45 Turk; owner, Bay City Grill, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGN, electric, \$100; 825 Irving; owner, M. Lewis, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

SIGN, electric, \$200; 3698 18th St.; owner, S. Paulos, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

ALTER dwelling, \$125; 30 25th Ave.; owner, J. C. Dutton, Prem.; contractor, W. B. Hocking, 2216 Clement St.

ALTER school, \$250; 2329 Sacramento; owner, Booker T. Mothers' Club, Prem.; contractor, John Boulton, 678 Turk St.

ALTER dwelling, \$400; 1554 Vallejo; owner, E. Oese, Prem.; contractor, G. J. Elkington, 1291 33rd Ave.

ALTER dwelling, \$500; 230 Benton Ave; owner, Alma Boeke, Prem.

FLUE, \$150; E. Durrell Pl., 138 N. Filbert; owner, M. Albee, 110 Sutter; contractor, John J. Delucchi, 1528 Powell.

SIGN, electric, \$50; 2673 Pine St.; owner, Mike Shakeloff, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. S.

SIGN, electric, \$200; 721 Market St.; owner, Progressive Optical Co., Prem.; contractor, Pacific Elec. Co., 1496 Mission.

ALTER dwelling, \$280; 1905 Stockton; owner, P. Da San Martino, 731 Chestnut.

ALTER market, 1750 Sutter St.; owner, S. Watanabe, Prem.; contractor, Standard Concrete Const. Co., 3025 Geary St.

SIGN, electric, \$200; 875 Post St.; owner, Contractor Garage, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

SIGN, electric, \$60; 98 12th St.; owner, Mr. Bertolini, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Hot and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Warehouses
4.—Factories and	14.—Residences
Warehouses	15.—Schools
5.—Flats	16.—Banks, Stores and
6.—Garages and Ser-	17.—Theatres
vice Stations	18.—Wharves & Docks
7.—Federal Build-	19.—Misc. Const.
ings	20.—Misc. Supplies &
8.—Club Buildings	10.—Hotels
9.—Hospitals	
10.—Hotels	

### 1—APARTMENTS

To Be Done By Day's Work  
RESIDENCE Cost, \$10,000  
SAN FRANCISCO. SW Paraiso and  
Crestlake Sts.

Two-story frame and stucco residence (8 rooms, 3 baths), hardwood floors, tile roof, gas hot air conditioning, tile bath, garage.

Owner & Builder—A. J. Herzog, 700 Sloat Blvd.  
Architect—A. H. Larsen, 333 Kearny St.

Preparing Preliminary Plans  
APARTMENTS Cost, \$35,000  
SAN FRANCISCO. Franklin & Alice Streets.

Three-story reinforced concrete and frame Class C apartment building (first floor, store and garage; second and third floors, seven 3- and 4-room apartments).

Owner—Name Withheld.  
Plans by Cyril Doane, 49 Risco Way, San Francisco.

Preparing Working Drawings  
APARTMENTS Cost, \$.....  
SAN FRANCISCO. Mission St., near  
Richland Ave.

Two-story frame and stucco apartment bldg. (four 3-room apts.), hardwood floors, tile baths, etc.

Owner—A. R. Johnson, 2901 Mission Street.  
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded  
ALTER APARTMENTS Cost, \$5,500  
SAN FRANCISCO. 2875 Jackson St.  
Alter apartments.

Owner—B. M. Graipon, care Contractor.  
Architect—Not Given.  
Contractor—Fred J. Early, Jr., 369 Pine St.

Completing Plans  
APARTMENTS Cost, \$200,000  
SAN FRANCISCO. NE Washington  
& Buchanan Sts.

Six-story and basement steel frame apartment bldg. (thirty 2, 3 and 4-room apartments).

Owner—Edward Jose, care Architect.  
Architect—H. C. Baumann, 251 Kearny St., San Francisco.  
Upon completion of plans, owner will take segregated bids.

Contract Awarded  
APARTMENTS Cost, \$18,000  
SAN MATEO. Lot 15, Blk. E, Arroya Court.

New apartment building.  
Owner—Stanley Ames, care Contractor.  
Architect—Not Given.

Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.

To Be Done By Day's Work  
APARTMENTS Cost, \$30,000  
BAKERSFIELD, Kern Co., Calif.  
Two-story frame and stucco apartment building.  
Owner and Builder—Paul Michener,  
15th and Q Sts., Bakersfield.  
Architect—Not Given.

Contract Awarded  
APARTMENTS Cost, \$11,000  
SAN FRANCISCO. N. Washington,  
W. Powell Street.  
Three-story frame apartment building.  
Owner—Lue Fat Chong, 277 Pine St.  
Architect—Not Given.  
Contractor—Ed. Sommerstar, 277 Pine Street.

Contract Awarded  
APARTMENTS Cost, \$20,000  
SACRAMENTO. Sacramento Co., Cal.  
N Street, bet. 9th and 10th Sts.  
Two-story brick and stucco apartment building (twelve 2-room and bath apartments).  
Owner—P. C. Scampini, Sacramento.  
Architect—Not Given.  
Contractor—C. J. Hopkinson, 1810 25th St., Sacramento.

### 3—CHURCHES

Contract Awarded  
ADDITION AND RECON.  
Contract Price, \$15,850  
PORTERVILLE, Tulare Co., Calif.  
Addition to church and reconstruction of fire damage.

Owner—First Congregational Church, Porterville.  
Architect—F. L. Swartz, Brix Bldg., Fresno.  
Contractor—Hodgson & Son, 510 2nd St., Porterville.

### 4—FACTORIES & WAREHOUSES

Contract Awarded  
ALTERATIONS Cost, \$10,000  
SACRAMENTO. Sacramento Co., Cal.  
1914 "I" Street.

Alter shop building.  
Owner—McLaughlin Sheet Metal Works, 1914 I St., Sacramento.  
Architect—Not Given.

Contractor—Frank Maloney, 3172 T St., Sacramento.

Cost, \$100,000  
FRESNO, Calif. North H Street.  
Grain warehouse and offices.

Owner—J. B. Hill Co. (Grover Hill, President).  
Architect—Not Given.

Work on the first structure costing about \$25,000 will start in the near future.

Sub Contract Awarded  
BUILDING Cost, \$125,000  
SAN FRANCISCO. Tenth and Bryant Streets.

Two-story and basement reinforced concrete bottling and canning plant.

Owner—San Francisco Brewing Co., Tenth and Bryant Streets.  
Engineer—W. E. Murray, 908 Hayes  
Contractor—Cahill Brothers, 206 Sansome Street.

Elevators—Atlas Elevator Co., 34 Harriet St., San Francisco.

As previously reported: Reinforcing steel, awarded to Gunn-Carle & Co., 20 Potrero Ave.; Underpinning, Harry E. Drake, 666 Mission St.; Shoring, D. J. and T. Sullivan, Inc., 1940 Folsom St.; Grading, San Francisco Grading Co., 6565 Third Street.

Bid Opening Date Postponed Until  
January 19

INDUSTRIAL PLANT Cost, \$450,000  
SOUTH SAN FRANCISCO, San Mateo Co., Calif. South Linden St.  
Reinforced concrete and structural steel manufacturing plant (200,000-bushel storage elevator and head house, storage bins, etc.).  
Owner—Modern Malting & Mfg. Co. (Paul C. Von Gontard, president and general manager), 200-A Rialto Bldg., San Francisco.  
Engineer—Galland-Henning Mfg. Co., Milwaukie.

The date of opening bids has been postponed until January 19. Bids will be received by Mr. Mead of the Simonds Machinery Co., 816 Folsom St., San Francisco, representatives of the Galland Henning Co.

Bids will be received from the following selected list of contractors: Barrett & Hilt, 918 Harrison St., San Francisco.

MacDonald & Kahn Co., Ltd., Financial Center Bldg., San Francisco.  
S. Rasori, 74 New Montgomery St., San Francisco.

Cahill Bros., 206 Sansome Street, San Francisco.  
M. A. Long Co., Postal Telegraph Bldg., Chicago.

MacDonald Engr. Co., 2059 Webster St., Oakland.  
Barrett & Hilt and the MacDonald Engr. Co. desire sub bids on all portions of the work.

To Be Done By Day's Work  
BOTTLING PLANT Cost, \$15,000  
EUREKA, Humboldt Co., Calif. 4th St. and Broadway.

New frame and stucco bottling and manufacturing plant; offices.  
Owner—Eureka Beverage Co. (Frank Craney, president), Eureka.  
Architect—Not Given.

Plans Being Revised  
FACTORY Cost, \$40,000  
SAN FRANCISCO. W Third Street S 20th Street.

One-story Class C factory building.  
Owner—Middleton & Watson, 63 Natoma Street.

Architect—W. D. Peugh, 333 Montgomery St.  
Engineer—F. W. Keilberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Excavation work completed and foundations will be started Feb. 1 upon completion of revision of plans.

This may be submitted on the four separate contracts and for the work complete.

Plans and specifications obtainable from the office of the engineer upon deposit of \$10 for each set of plans.

BIDS WANTED  
SAN FRANCISCO.—Until Jan. 28, 2 P. M., bids will be received by the State Board of Harbor Commissioners, Frank K. White, engineer, Ferry Bldg., for steel rolling doors, paving and track work, electrical installation and water pipe installation, on Piers Nos. 9 and 19, a PWA project.

Bids may be submitted on the four separate contracts and for the work complete.

Plans and specifications obtainable from the office of the engineer upon deposit of \$10 for each set of plans.

Bids In—Held Under Adjudgment  
MACHINE SHOP Cost, \$12,000  
SAN FRANCISCO, Calif. Folsom & 13th Sts.

One-story reinf. concrete machine shop.

Owner—Turner Machinery Co., 734 Bryant St.  
Structural Engineer—W. H. Ellison, 821 Market St.

Bids are being held under advise- ment pending return of the owner, now out of town for several days.

**5— FLATS**

**Preparing Working Drawings**  
**FLATS** Cost, \$.....  
**SAN FRANCISCO.** Mission St. near  
 Richland Ave.

Two-story flat building (two 5-room  
 flats), hardwood floors, tile baths,  
 etc.

Owner—A. R. Johnson, 3901 Mission  
 Street.

Architect—D. E. Jaekle, 126 Post St.

**To Be Done By Day's Work**  
**FLATS** Cost, \$11,000  
**SAN FRANCISCO.** N Cabrillo Street  
 E 26th Avenue.

Two-story frame and stucco flat  
 building.

Owner and Builder—Jas. S. Penn, 28  
 Casa Way.

Architect—Not Given.

**6—GARAGES & SERVICE STATIONS**

**Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$30,000  
**SAN FRANCISCO.** Bush St. and St.  
 George Alley.

Alter garage.

Owner—Adam Grant Estate, 114 San-  
 some St.

Architect—D. D. Stone, 281 Bush St.

Engineer—C. H. Snyder, 251 Kearny  
 Street.

Contractor — Lindgren & Swinerton,  
 Inc., 225 Bush St.

**Steel Forms—Steel-Form Contracting**  
 Co., 131 Ferry St.

Lumber—Loop Lumber Co., Central  
 Basin.

**Planned**  
**SERVICE STATION** Cost, \$7,000  
**SAN MATEO CO., Cal.** 1937 El Ca-  
 nono Road, Lot 1, Blk 7, Hancock  
 Addition.

Gasoline service station.

Owner—Shell Oil Co.

Plans by Engineering Department of  
 Owner.

**Planned**  
**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
**SAN FRANCISCO,** California and  
 Taylor Sts.

Steel gasoline service station.

Owner—Standard Oil Co., 225 Bush  
 Street.

Plans by Engineering Department of  
 Owner.

Contractor — Lindgren & Swinerton,  
 Inc., 225 Bush St.

**Plans Being Figured—Bids Close**  
**January 19, 12 Noon.**

**GAFAGE, ETC.** Cost, \$.....  
**OAKLAND,** Alameda Co., Calif. E  
 14th and 96th Avenue.

Steel frame coach maintenance ga-  
 rage building and parking lot  
 (corrugated iron roof, steel saah)

Owner—Railway Equipment & Real-  
 ty Co., Ltd., 2129 Grove St., Oak-  
 land.

Architect—Kent & Haas, Underwood  
 Bldg., San Francisco.

Following are figuring plans:  
 Dinwiddie Const. Co., 210 Crocker  
 Bldg., San Francisco.

MacDonald & Kahn Co., 200 Finan-  
 cial Center Bldg., San Francisco.

Lindgren & Swinerton, 225 Stand-  
 ard Oil Bldg., San Francisco.

Fred K. DuPuy, 110 Suter Street,  
 San Francisco.

**7— FEDERAL BUILDINGS**

**NO BIDS RECEIVED**  
**SAN FRANCISCO.**—No bids were  
 received by the Procurement Divi-

sion, Public Bldgs. Branch, Wash-  
 ington, D. C., for high-pressure boil-  
 ers, etc., at the U. S. Mint at San  
 Francisco.

**BIDS OPENED**

LIVERMORE, Alameda Co., Calif.  
 Schuler & McDonald, Inc., 1723 Web-  
 ster St., Oakland, at \$101,900 sub-  
 mitted low bid to the Veterans' Ad-  
 ministration, Arlington Bldg., Wash-  
 ington, D. C., for the general con-  
 struction of the Infirmary Ward  
 Building and Connecting Corridor at  
 the Veterans' Administration Facili-  
 ty, Livermore.

The work includes walks, grading  
 and drainage, reinforced concrete,  
 brick work, slate stair treads, marble  
 work, floor and wall tile, compressed  
 asphalt tile, linoleum, waterproofing,  
 metal work, steel stairs, steel cor-  
 ners and shelving, built-up roofing,  
 metal lathing, plastering, carpentry,  
 acoustical treatment, insulation, metal  
 weatherstrips, insect screens, win-  
 dow shades, painting, glazing, hard-  
 ware, plumbing, heating, electrical  
 work, outside service connections.

Complete bids follow:  
 Schuler and McDonald, Inc.,

Oakland .....	\$101,900
..... Alt. (a) ded.	1,700
..... Alt. (b) ded.	200
L. Dioguardi, Sebastopol .....	103,500
..... Alt. (b) .....	.....
Villadsen Bros., Inc., Oakland 105,000	
..... Alt. (a) ded.	1,400
..... Alt. (b) ded.	500
E. T. Lesure, Oakland .....	122,937
..... Alt. (a) ded.	1,500
..... Alt. (b) ded.	400

Because L. Dioguardi was a late  
 bidder his bid was not given in a  
 previous report of low bidders pub-  
 lished January 6.

Separate bids were received for  
 electric elevator, for which Otis Ele-  
 vator Co., 1 Beach St., San Francisco  
 at \$4,500 submitted low bid. Only  
 other elevator bid was submitted by  
 Kinball Bros. Co., Los Angeles, at  
 \$5,045.

**CONTRACT AWARDED**

ANAHEIM, Orange Co., Calif.—Pe-  
 terson Bros., Inglewood, at \$349,  
 awarded contract by the Procure-  
 ment Division, Public Bldgs. Branch,  
 Washington, D. C., for concrete curbs  
 at the U. S. Post Office at Anaheim.

**CONTRACT AWARDED**

SAN DIEGO, Calif.—West Coast  
 Gas Engine Co., 312 W. Market St.,  
 San Diego, at \$4,376, awarded con-  
 tract by the Public Works Officer,  
 Headquarters, 11th Naval District, It.  
 No. 5085, for a refrigerating plant at  
 the 11th Naval District (Destroyer  
 Base), San Diego.

Complete bids follow:  
 West Coast Gas Engine Co., .....

San Diego .....	\$4,376
A. Reed & Co. ....	4,916
Kohlenberger Engineering Co., .....	4,995
Baker Ice Machine Co., .....	5,050
Commercial Refrigeration Dis- tributors .....	5,680
A-1 Ice Machine Co., .....	5,510

**Bids Opened**

**POST OFFICE**  
**PROVO, Utah.**

Owner—United States Government.

Plans by the Supervising Architect,  
 Treasury Department, Washing-  
 ington, D. C.

Low Bidder—James J. Burke Co.,  
 Salt Lake City, Utah.—\$145,000.

Complete bids follow:  
 James J. Burke Co., Salt  
 Lake City.....

..... Alt. (A) Add	30,000
..... Alt. (B) Add	.....
A Farnell Blair, Lake Charles, La. ....	146,177

..... Alt. (B) Add 7,539

Geo. A. Whitmeyer & Sons Co.,

Ogden, Utah .....

..... Alt. (A) Add 32,312

..... Alt. (B) Add 8,511

Fred R. Comb Co., Minne-  
 apolis, Minn. ....

..... Alt. (A) Add 148,165

..... Alt. (B) Add 32,600

..... Alt. (B) Add 8,000

J H Marchbank Constr Co.,  
 Chicago .....

..... Alt. (A) Add 152,200

..... Alt. (A) Add 33,500

..... Alt. (B) Add 9,000

MacDonald Constr. Co., St.  
 Louis, Mo. ....

..... Alt. (A) Add 153,737

..... Alt. (B) Add 32,400

..... Alt. (B) Add 8,200

Bernston & Okland, Salt  
 Lake City, Utah. ....

..... Alt. (A) Add 158,650

..... Alt. (A) Add 34,063

..... Alt. (B) Add 5,302

Joseph A. Bass Co., Minneap-  
 ois, Minn. ....

..... Alt. (A) Add 161,500

..... Alt. (A) Add 29,000

..... Alt. (B) Add 7,500

Schuler & McDonald, Oak-  
 land, Calif. ....

..... Alt. (A) Add 167,000

..... Alt. (A) Add 10,000

..... Alt. (B) Add 9,000

**BIDS WANTED**

SAN FRANCISCO.—Until Jan. 22,  
 10 A. M., bids will be received by  
 R. H. Creel, Custodian, U. S. Marine  
 Hospital, 14th Ave. and Lake St., San  
 Francisco, for waterproofing the top  
 surface of parapet wall at Bldg. No.  
 1, Marine Hospital.

Specifications obtainable from the  
 above office.

**BIDS WANTED**

SAN RAFAEL, Marin Co., Calif.—  
 Until Jan. 29, 10 a.m., bids will be  
 received by the Procurement Divi-  
 sion, Public Buildings Branch, Wash-  
 ington, D. C., for seeding and plant-  
 ing the grounds of the U. S. Post Of-  
 fice at San Rafael. Specifications  
 may be obtained from the above of-  
 fice and from the Custodian of the  
 Building at San Rafael.

**CONTRACT AWARDED**

SAN DIEGO, Calif.—Commercial  
 Distributors, 756 Stole St., San Diego,  
 at \$950, awarded contract by the  
 Public Works Officer, Headquarters,  
 11th Naval District, foot of Broad-  
 way, San Diego, under Spec. No. 8397,  
 for furnishing and installing at the  
 Naval Operating Base (Air Station),  
 San Diego, (a) two refrigerating ma-  
 chines (air-cooled); (b) air coolers  
 in two existing cold storage rooms;  
 (c) all necessary piping between re-  
 frigerating machines and coolers;  
 and (d) electric plant; and (e) in-  
 stallation accessories.

**CONTRACT AWARDED**

REDWOOD CITY, San Mateo Co.,  
 Calif.—Kurt Schmidt, 4000 El Cam-  
 ano, San Mateo, at \$287, awarded  
 contract by the Procurement Divi-  
 sion, Public Buildings Branch, Wash-  
 ington, D. C., for additional planting  
 and sprinkler head changes at the  
 U. S. Post Office at Redwood City.

**CONTRACT AWARDED**

PITTSBURG, Contra Costa Co.,  
 Calif.—Ceco Weatherstrip and Screen  
 Products Co., 1945 S. 52nd St., Chi-  
 cago, Ill., at \$110, awarded contract  
 by the Procurement Division, Public  
 Buildings Branch, Washington, D. C.,  
 for furnishing insect screens in the  
 U. S. Post Office at Pittsburg.

**BIDS OPENED**

VAN NUYS, Los Angeles Co., Calif.  
 —George Morgan & Co., 107 N. La  
 Brea Ave., Los Angeles, at \$280 sub-  
 mitted low bid to the Procurement  
 Division, Public Buildings Branch,  
 Washington, D. C., for painting exte-  
 rior walls of the U. S. Post Office at  
 Van Nuys.

Complete bids follow:  
 George Morgan & Co., L. A. . . . \$260

Wm. Gelfan, L. A. .... 335

D. Wein, L. A. .... 390

**CONTRACT AWARDED**

SAN FRANCISCO. Sarvas Electric Company, Brooklyn, N. Y. at \$17,450, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C. for motor generator sets at the U. S. Mint at San Francisco.

Complete bids published Jan. 6.

**BIDS WANTED**

ROSEBURG, Oregon.—Until February 16, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C. for Wire Grids for Buildings Nos. 1, 2 and 16, at Veterans' Administration Facility, Roseburg, Oregon.

Specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**BIDS OPENED**

LA JOLLA, San Diego Co., Calif.—James B. Worthington, San Diego Trust & Savings Bldg., San Diego, at \$462, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for painting plaster, etc., in the U. S. Post Office at La Jolla.

Complete bids follow:

James B. Worthington, San Diego	\$462
M. J. Newton, Des Moines, Iowa	468
D. Zeinsky & Sons, L. A.	492
Raphael Co., San Francisco	540
E. H. Gray, San Diego	565

**LOW BIDDER**

SAN PEDRO, Los Angeles Co., Cal.—Lewis Brothers, Phoenix, Arizona, at \$635, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for construction of a new entrance at the U. S. Post Office and Custom House at San Pedro.

**LOW BIDDER**

WOODLAND, Yolo Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, Ill., at \$308, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for insect screens in the U. S. Post Office at Woodland.

**LOW BIDDER**

POST OFFICE Cost, \$302,000  
WENATCHEE, Wash.  
United States Post Office Building.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.  
Low Bidder—Consolidated Engineering Company, Tacoma, Wash.—\$137,167.

**BIDS WANTED**

SEATTLE, Wash.—Until February 25, 1 p.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for construction of the U. S. Post Office University Station at Seattle.  
Plans and specifications obtainable from the above office. No deposit required. Estimated cost of work, \$135,000.

**SUB BIDS WANTED**

LOS ANGELES, Calif.—Robert E. McKee, 1128 Central Bldg., Los Angeles, desires sub bids on all portions of the work for the construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles, for which bids will be opened Feb. 2, 1:30 p.m.

**8— CLUB BUILDINGS**

LODGE BLDG. Cost, \$50,000  
VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.

Two and one-half story and basement reinforced concrete club building (500 100 ft.) clubrooms, banquet hall, kitchen, shower room, etc.

Owner—Vallejo Lodge of Elks (Thos. F. O'Hara, Secretary).

Architect—Dodge Rledy, 821 Market St., San Francisco.

Low Bidder—D. W. Nicholson, 550 Blossom Way, San Leandro—\$67,402.

Complete bids follow:

D. W. Nicholson, San Leandro	\$67,402
David Paganini, San Francisco	67,913
H. L. Petersen Constr. Co., San Francisco	68,458
F. J. Kelly Co., S. F.	68,481
Moore & Roberts, S. F.	70,700
Monson Bros., S. F.	72,712

Bids exceeded estimated cost and have been taken under advisement. Announcement will be made shortly.

**9— HOSPITALS**

Preparing Plans

ADDITION Cost, \$	
STANISLAUS, Tuolumne Co., Calif.	
Addition to Stanislaus County Hospital (tuberculosis unit and old men's ward; 30 beds).	

Owner—Stanislaus County.  
Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.

A \$30,000 appropriation has been made for the tuberculosis unit and government aid will be sought to assist in financing old men's ward.

Bids Rejected

HOSPITAL Cost, \$32,000	
MERCED CO., Calif. Near Gustine.	

Two-story frame, tile and concrete hospital building (22 beds), corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.

Owner—West Side Hospital.

Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.

Plans are being revised and new bids will be asked in about one month.

Contract Awarded

ADDITION Contract Price, \$29,002	
AUBURN, Placer Co., Calif.	

One-story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing, steel sash, steam heating system.

Owner—Placer County (A. S. Fleming, Clerk).

Architect—W. E. Coffman, 833 Forum Bldg., Sacramento.

Contractor—F. Bender, 1012 Del Paso Blvd., North Sacramento.

Contract awarded on a basic bid of \$31,225, with deductions of \$1,473 for Ait. 2, and of \$1,150 for Ait. 3.

**BIDS OPENED**

HOSPITAL WARDS Cost, \$300,000	
PATTON STATE HOSPITAL, San Bernardino Co., Calif.	

Two one-story reinforced concrete ward buildings (Group 16, for infirm females, and Group T for infirm males), clay tile roofing.

Owner—State of California, Department of Institutions.

Architect—George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Low Bidder—Azevedo Constr. Co., 920 O Street, Sacramento.

Complete bids follow:

General Work	
Azevedo Constr. Co., Sacramento	\$241,480.00
	(Ait. 1) 8,857.00
	(Ait. 2) 8,888.00
Andy Sordal, Long Beach	263,716.00
	(Ait. 1) 7,784.00
	(Ait. 2) 7,390.00
Chas. J. Dorfman, L. A.	273,360.00
	(Ait. 1) 10,700.00
	(Ait. 2) 10,200.00

Atlas Constr. Co., Pasadena	275,800.00
	(Ait. 1) 11,500.00
	(Ait. 2) 11,000.00

George Herz & Co., San Bernardino	*278,800.00
	(Ait. 1) 9,700.00
	(Ait. 2) 9,400.00

Pozzo Constr. Co., L. A.	295,491.00
	(Ait. 1) 10,285.00
	(Ait. 2) 10,285.00

Los Angeles Contracting Co. and C. Wopschall	306,000.00
Los Angeles	(Ait. 1) 12,100.00
	(Ait. 2) 12,000.00

L. F. Dow Co., Los Angeles	313,313.00
	(Ait. 1) 7,600.00
	(Ait. 2) 7,500.00

Plumbing Work	
Kenneth Fraser, 1452 N. Lake Ave., Pasadena	28,632.00
	(Ait. 1) 450.00
	(Ait. 2) 568.00

Scott Co., San Francisco	31,387.00
	(Ait. 1) 475.00
	(Ait. 2) 447.00

Herman Lawson Co., S. F.	31,800.00
	(Ait. 1) 200.00
	(Ait. 2) 200.00

Munger & Munger, Pasadena	32,290.00
	(Ait. 1) 300.00
	(Ait. 2) 295.00

Heating & Ventilating Work	
Scott Co., 243 Minna St., San Francisco	24,590.00
	(Ait. 1) 796.00
	(Ait. 2) 766.00

Consolidated Heating & Ventilating Co., L. A.	25,496.00
	(Ait. 1) 709.00
	(Ait. 2) 712.00

J. Herman Co., Los Angeles	25,906.00
	(Ait. 1) 726.00
	(Ait. 2) 703.00

Yale-Riddell Co., L. A.	26,949.00
	(Ait. 1) 937.00
	(Ait. 2) 937.00

Munger & Munger, Pasadena	28,556.00
	(Ait. 1) 750.00
	(Ait. 2) 750.00

Kenneth Fraser, Pasadena	29,800.00
	(Ait. 1) 822.00
	(Ait. 2) 872.00

Herman Lawson Co., S. F.	29,200.00
	(Ait. 1) 500.00
	(Ait. 2) 500.00

Electric Work	
Moore Electric Co., 321 W. Third St., Los Angeles	8,676.00
	(Ait. 1) 625.00
	(Ait. 2) 825.00

H. H. Walker, Inc., L. A.	8,737.00
	(Ait. 1) 130.00
	(Ait. 2) 130.00

American Electric Constr. Co., San Francisco	8,881.00
	(Ait. 1) 223.00
	(Ait. 2) 223.00

Chandler Electric Co., Los Angeles	9,880.00
	(Ait. 1) 165.00
	(Ait. 2) 155.00

The alternate bids are each a deduction for the omission of one wing.

\*Eid modified by telegram.

(499) 1st report Sept. 1; 2nd, Dec. 16, 1936.

9

10— HOTELS

Sub Contracts Awarded

REMODEL HOTEL Cost, \$5,000	
SAN FRANCISCO. Mission and 19th Streets	

Remodel hotel (electric, plumbing, painting and installation of cabinets and basins).

Owner—A. P. Jacob, care Architect.

Architect—A. H. Larsen, 333 Kearny St.

Electric Work—F. J. Klimm, 456 Ellis St.

Plumbing—Von Tagen Co., 60 Clay St.

Mr. Larsen is now taking figures on cabinets and painting work.



## 11—ICE AND COLD STORAGE PLANTS

**Planned**  
**ICE PLANT** Cost, \$33,000  
**FRESNO, Calif.** Turner Ave. and Ninth Street.  
 One-story steel and concrete ice plant (18 x 38 feet).  
**Owner—J. L. Laino, 3517 Turner Ave.**  
**Architect—Not Given.**

## 12 POWER PLANTS

**Contract Awarded**  
**LAUNDRY PLANT** Cost, \$25,000  
**VALLEJO, Solano Co., Calif.** Tennessee St.  
 New reinforced Basaltite laundry plant.  
**Owner—New Method Laundry (D. Seghetti and W. G. Foster, Owners).**  
**Architect—Not Given.**  
**Contractor—Basalt Rock Co., 900 8th St., Napa.**

### BIDS WANTED

**NORWALK, Los Angeles Co., Calif.**  
 —Until February 9, 2 p.m., bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., Sacramento, for the erection and completion of a 300-hp. water tube boiler in the Boiler Plant at Norwalk State Hospital.

The work consists of one 300-hp. water tube boiler, complete with foundations, burner, breeching, piping and other appurtenances required for a complete installation.

Specifications obtainable from the above office.

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

**Contract Awarded**  
**COURT HOUSE AND JAIL**  
 Contract Price, \$188,611  
**SANTA CRUZ, Santa Cruz Co., Cal.** Front Street.

Three-story and basement reinforced concrete fireproof court house and jail (concrete floors, metal lath and plaster partitions, linoleum floor covering, steam heat; jail, 3 cells; office bldg., 120x85 feet).

**Owner—County of Santa Cruz.**  
**Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.**

**Structural Engineer—H. J. Brunner, Sharon Building, San Francisco.**

**Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.**

### LOW BIDDER

**TORRANCE, Los Angeles Co., Cal.**  
 —Eser Wikholm, 656½ S. Western Ave., Los Angeles, submitted low bid to the Torrance city council at \$23,350 for the construction of a steel frame administration building and addition to the Torrance public assembly building, a PWA project.  
**Architects—A. R. Walker and P. A. Eisen, Los Angeles.**

**Plans Being Figured—Bids Close January 27, 2 P. M.**  
**FIRE HOUSE & SHOP BUILDING**

Cost, \$34,891  
**PORTERVILLE, Tulare Co., Calif.** Cleveland, Hockett, Fourth and Thurman Streets.

One-story and basement reinforced concrete fire house (60 x 100 x 23 ft.), concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted concrete exterior walls, plumbing and heating. One-story reinforced concrete shop build-

ing (60 x 116 x 18 ft.), corrugated iron roof on steel trusses, concrete floors.

**Owner—City of Porterville (W. R. Means, City Clerk).**

**Architect—W. D. Coates, Rowell Bldg., Fresno.**

The PWA recently allotted a grant of \$15,700 to assist in financing the project.

Plans and specifications obtainable from the office of the City Clerk upon deposit of \$25.

**Additional Sub-Contracts Awarded**  
**TOLL PLAZA AND BUILDING**

Contract Price, \$216,000  
**SAN FRANCISCO, Golden Gate Bridge.**

Toll plaza and building, exclusive of the toll-registering equipment. 11-story wood frame bldg., built-up asphalt roofing, linoleum floors, electric and steam heat, steel sash, comprising administration and maintenance offices and 14 toll-collection booths.

**Owner—Golden Gate Bridge District, 111 Sutter Street.**

**Architect—I. F. Morrow, deYoung Building.**

**Engineers—Strauss & Paine, 111 Sutter Street.**

**Contractor—Barrett & Hilp, 918 Harrison Street.**

**Roofing—Malott and Peterson, 2412 Harrison Street.**

**Mastipave—Higgins Co., 1930 Van Ness Avenue.**

**Kitchen Equipment—Whitehead Metal Prod. Co., 635 Mission St.**

As previously reported, brick contract to White & Gloor, 448 Monadnock Bldg.; valve equipment to the Hermann Safe Co., 200 Howard St.; burglary equipment to O. B. McClintock Co., 117 Front St.; steel lockers to Munthe Equip. Co., 102 New Montgomery St.; mill work to Pacific Mfg. Co., Santa Clara; paving to Eaton & Smith, 715 Ocean Ave.; steel studs, reinf. steel and steel sash to Soule Steel Co., 1750 Army St.; electric work to Alta Elec. Co., Inc., 467 O'Farrell St.; plumbing and heating to Anderson and Ringrose, 320 Market St.; overhead doors to Parker-Carpenter Co., 604 Mission St.; finish hardware to E. M. Hundley, 662 Mission St.; fence and misc. iron to Anchor Post Fence Co., 460 5th St.; structural steel to Judson-Pacific Co., 609 Mission St.  
 All of San Francisco, unless otherwise noted.

### CONTRACT AWARDED

**SAN BERNARDINO, Calif.**—Baker & Robinson, 732 D St., San Bernardino, awarded contract, at \$107,341, subject to PWA approval, by the San Bernardino city council for construction of a new reinf. concrete city hall building at 416-36 Third St., San Bernardino. DeWitt Mitcham, 338 Highland Ave., San Bernardino, architect.

### Sub-Contracts Awarded

**ANIMAL SHELTER** Cost, \$15,733  
**PALO ALTO, Santa Clara Co., Calif.** Animal shelter.

**Owner—City of Palo Alto.**

**Architect—H. C. Collins, DeckerOak Bldg., Palo Alto.**

**Contractor—Geo. C. Moore, 531 Stanford Ave., Palo Alto.**

**Roofing—Frost Roofing Co., 3159 El Camino Real, Palo Alto.**

**Plumbing and Heating—Lee & Sharp 611 Emerson St., Palo Alto.**

**Title and Iron Grille—H. Bleibler, 744 High St., Palo Alto.**

**Brick and Stone Work—Chas. Glen, Palo Alto.**

**Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.**

### BIDS WANTED

**CAMARILLO, Ventura Co., Calif.**—Until January 20, 10 a.m., bids will be

received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., Sacramento, for composition roofing on the Dairy Plant Building, Camarillo State Hospital.

Specifications obtainable from the above office.

### BIDS WANTED

**REPRESA, Sacramento Co., Calif.**  
 —Until January 15, 10 a.m., bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., Sacramento, for structural steel work on the Spectators' Balcony, Folsom State Prison, Represa.

Specifications obtainable from the above office.

### Plans Being Figured—Bids Close

February 1, 11 A. M.

**ALTERATIONS** Cost, \$10,000  
**STOCKTON, San Joaquin Co., Cal.** Remodeling and enlarging offices in court house building (new partitions, cabinet additions, electrical connections, plumbing, patching floors, etc.)

**Owner—County of San Joaquin (Eugene D. Graham, County Clerk).**  
**Architect—Eric W. Johnson, 41 S. Sutter St., Stockton.**

Plans and specifications obtainable from the architect upon deposit of \$15.00.

### Preparing Working Drawings

**CENTRAL EXPOSITION TOWER**

Cost, \$.....  
**YERBA BUENA SHOALS, Site of the 1939 World's Fair.**

Central Exposition Tower, approximately 400 ft. high with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood furring and wood sheathing.

**Owner—San Francisco Bay Exposition, Inc. (Leland W. Carter, President), 583 Bush St., San Francisco.**

**Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.**

Bids will be asked early in March.

### NEW BIDS WANTED

**ALAMEDA-CONTRA COSIA Cos., Calif.**—Until January 27, 11:30 a.m., new bids will be received by the Board of Directors of Joint Highway District No. 13, in the Supervisors' Rooms, New Court House, Oakland, under Schedule "D," for the completion of construction of ventilation buildings, including portions of electrical equipment of the Broadway Low Level Tunnel.

K. E. Parker Co., 135 South Park St., San Francisco, at \$45,892, submitted the lowest bid at the previous opening December 9.

Plans and specifications obtainable from the office of Chief Engineer Wallace B. Boggs, 1448 Webster St., Oakland, upon deposit of \$50, of which amount \$40 will be returnable.

## 14—RESIDENCES

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$10,000  
**PIEDMONT, Alameda Co., Calif.** 50 Sotelo Ave.

Two-story frame and stucco residence (9 rooms), garage.

**Owner & Builder—Siskwald Bros., 916 Alma Ave., Oakland.**

**Architect—Ray Keefer, 585 Mandana Blvd., Oakland.**

**Preparing Preliminary Plans**

**RESIDENCE** Cost, \$14,000  
**OAKLAND, Alameda Co., Calif.**

Two-story frame and stucco residence (8 rooms, 2 baths, tile roof, hardwood floors, the baths, etc.)

Owner—Name Withheld.  
Architect—Ray Keffer, 585 Mandana Blvd., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
SAN MATEO, Calif. 500 Warren Rd.  
Two-story frame and stucco residence.

Owner—H. F. Davies, care Contractor.  
Architect—Not Given.  
Contractor—Lengfeld & Olund, Ltd., 220 Second St., San Mateo.

**Sub-Contracts Awarded**  
**BUNGALOW COURT** Cost, \$16,000  
TRACY, San Joaquin Co., Cal. Holly Drive and Highland Avenue.

New bungalow court (four 4-room bungalows) hardwood floors, linoleum baths, wall furnaces, refrigerators, insulated walls and ceilings; garages.

Owner—W. C. Ritchie, 141 Ofese St., Tracy.  
Architect—Not Given.  
Contractor—Jere Strizek, 1020 Bush St., San Francisco.

**Roofing and Tile Work**—Greenlee & Henderson, 9th and M Streets, Modesto.

**Plumbing, Heating and Sheet Metal**  
Fred Johnson, 420 Highland Ave., Tracy.

**Grading**—C. F. Armstrong, Tracy.  
Lumber—Good Lumber Co.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
CARMEL, Monterey Co., Calif.  
Two - story stucco and brick residence (4 bedroom and 3 baths) hardwood floors, shake roof, steel sash, central heating plant.

Owner—Howard Monroe.  
Architect—Guy O. Koepf, Box 644, Carmel.  
Contractor—A. C. Stoney, San Antonio St., Carmel.

**Contract Awarded**  
**RESIDENCE** Cost, \$28,000  
SACRAMENTO, Sacramento County, Calif. 1200 45th Street.

Two - story and basement English style residence (11 major rooms) brick veneer, four-car garage, barbecue fire place.

Owner—Earl Henderson.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
Contractor—Fred Engberg, Route 5, Box 2114, Sacramento.

Following sub-contracts have been awarded:  
**Heating**—Wagners Sheet Metal Wks 2900 M Street.

**Cement**—J. E. Myhren, 859 53rd St.  
**Brick**—W. J. Clifford, 2815 S St.

**Plastering**—Thos. Scollan, 2919 T St.  
**Electric**—Luppen & Hawley Inc., 3126 J Street.

**Plumbing**—Harvey Holland, 1715 P Street.

**Painting**—Wilcox & Wilson, 1724 31st Street.  
**Tile**—Adams Tile Co., 911 26th St., All of Sacramento.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$11,000  
CONTRA COSTA CO., Calif. Arlington Acres.

Two-story frame and stucco residence (8 rooms, 3 baths), shake, tile and gravel roof, oil heating system, tile baths, hardwood floors, etc.

Owner—S. M. Eva.  
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.  
Contractor—Carlen Construction Co., 4216 Carrington St., Oakland.

**Excavation**—H. H. Harris.  
**Concrete**—Eustor H. Buch, 5340 Grove St., Oakland.

**Electricity**—J. Anderson, 2421 23rd Ave., Oakland.

**Roofing**—Camisa Brothers, 1217 Central Ave., Alameda.

**Shake Roofing**—Yosemite Roofing Co., 3700 Greencare Rd., Oakland.

**Completing Plans**  
**RESIDENCES** Cost, \$5,000 each  
SAN FRANCISCO, Calif. University Terrace.

Three 2-story frame and stucco residences, hardwood floors, tile baths, etc.

Owner & Builder—John Murphy, care Contractor.  
Architect—C. O. Clausen, 746 46th Avenue.

Upon completion of plans, owner will take sub bids.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
SAN MATEO COUNTY, Cal. Toyon Knolla, Geodetia Drive.

Two - story frame and stucco residence and garage.

Owner—Alexander Bell, care contractor.

Architect—Not Given.  
Contractor—G. H. Meese, P. O. Box 548, Redwood City.

**Bid Opening Postponed Until January 18, 5 P. M.**  
**RESIDENCE** Cost, \$8,500  
SAN MATEO, San Mateo Co., Calif. Aragon Tract.

Two - story frame and stucco residence (6 rooms), Colonial style, shingle roof, hardwood floors, tile baths, warm air gravity heating system, etc.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Following are figuring plans:  
Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

George W. Williams, 315 Primrose Road, Burlingame.  
A. H. Feige, 801 Crystal Springs Road, San Mateo.

Bid opening date postponed from January 11.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$5,200  
MENLO PARK, San Mateo Co., Cal. One - story California ranch house (hardwood floors, tile baths, etc.).

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contractor—Vance Brown, 1226 Midfield Road, Palo Alto.

**Plans Being Figured—Bids Close**  
Jan. 27, 5 P. M.

**RESIDENCES** Cost, \$5,000-\$6,000  
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Parkway Terrace.

Two 1-story frame and stucco residences (5 and 6 rooms) Moderne and Spanish-Colonial style and one 2-story frame and stucco residence (6 rooms).

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Following are figuring plans:  
M. Dickson, Box 1, San Bruno.  
Daley Bros., 1104 Vancouver Ave., Burlingame.

Frank Ferrea, 712 Fifth Ave., San Mateo.

A. H. Feige, 801 Crystal Springs Road, San Mateo.  
Bernard Wiklander, 29th Ave. and Juno St., San Mateo.

A. Zangrando & Co., 735 Grand Ave., South San Francisco.  
J. Bettancourt, 422 San Anselmo Ave., San Bruno.

Antonio Pianca, 609 Pine Terrace, South San Francisco.

**Plans Being Figured—Bids Close**  
January 25, 5 P. M.

**RESIDENCE** Cost, \$10,000  
SAN MATEO COUNTY, Calif. Burlingame Hills.

Two - story frame and stucco residence (8 rooms, 3 baths) shale roof, hardwood floors, tile baths.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Following are figuring plans:  
J. Bettancourt, 422 San Anselmo Ave., San Bruno.

Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.  
H. T. Holsher, 325 Elm Street, San Mateo.

P. Johnson, 854 Jefferson St., San Mateo.  
C. E. Fowler, 829 Edgehill Drive, Burlingame.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
SAN FRANCISCO, E 29th Avenue N Vicente Street.

Four one-story and basement frame and stucco residences.

Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.

Architect—Not Given.

**Completing Plans**  
**RESIDENCES** Cost, \$.....  
SAN FRANCISCO, Merced Manor.

Twelve two-story frame and stucco residences (hardwood floors, tile baths, etc.)

Owner—Withheld.  
Architect—C. O. Clausen, 746 46th Avenue.

Construction of the first unit of two residences is expected to start in about two weeks.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$.....  
KENTFIELD, Marin Co., Calif.

Two - story frame and stucco residence (7 rooms, 2 baths) shingle roof, wood sash, hardwood floors, linoleum baths, gas hot air furnace, etc.

Owner—L. F. Gallahan.  
Architect—C. F. Gromme, Freitas Bldg., San Rafael.

Contractor—Robt. Watson, 15 Yolanda Drive, San Anselmo.

**Electric, Heating and Sheet Metal**—A. L. Nelson Co., 308 B St., San Rafael.

**Tile Work**—Brooks Tile Co., 61 Dolores Ave., San Rafael.

**Hardwood Floors**—W. McHale, 236 Evergreen St., Mill Valley.

**Brick and Stone Work**—J. E. Sward, 75 Belle Vista Ave., San Anselmo.

**Grading**—J. J. Ongaro, 50 Winship Ave., San Anselmo.

**Lumber and Mill Work**—Hess Company, San Rafael.

**Hardware**—Marshall-Newell Supply Co., Spear and Mission Sts., San Francisco.

**Painting**—J. A. Ullom, 79 San Rafael Ave., San Anselmo.

**Lathing and Plastering**—C. Weber, 201 Shaver St., San Rafael.

**Bids In—Under Advise.**  
**RESIDENCE** Cost, \$.....  
SAN FRANCISCO, Lombard Street between Hyde and Leavenworth Streets.

Three-story and basement frame and stucco residence (solarium on roof, tile baths, hardwood floors, refrigerators, gas-fired warm air heat, lino. wall interior walls, slate decks, flat pabco roof, etc.)

Owner—Dr. and Mrs. P. W. Tydemann, San Francisco.

Architect—E. Carr Ward, 68 Post St. Announcement will be made shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 314 Florence Ave.

One-story frame and stucco residence (6 rooms), garage.

Owner—Stuart Hawley, Jr., Financial Center Bldg., Oakland.  
Architect—Not Given.  
Contractor—W. Van Aalst, 2039 34th Ave., Oakland.

**Working Drawings Being Completed**  
**RESIDENCE** Cost, \$20,000  
**SAN FRANCISCO.** Sea Cliff.  
 Two-story and basement frame and stucco residence (11 rooms and 4 baths), tile baths, shingle tile terra cotta roof, hardwood and tile floors.  
**Owner—Withheld.**  
**Architect—F. F. Amandes, 414 Dewey Boulevard.**  
 Bids will be asked in about two weeks.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO.** Elmira and Augusta Sts.  
 One - story and basement frame and stucco residence.  
**Owner—August Larsen, 160 Elmira St.**  
**Architect—A. H. Larsen, 333 Kearny St.**  
**Contractor—Michael & Bommer, 762 DeHaro St.**

**Owner Taking Bids**  
**RESIDENCE** Cost, \$4,500  
**WALNUT CREEK, Contra Costa Co., Calif.**  
 One-story frame and stucco residence (5 rooms, 1 bath), hardwood floors, tile bath, etc.  
**Owner—L. E. Fairchild, 1521 Lafayette Blvd., Walnut Creek.**  
**Architect—D. E. Jaekle, 128 Post St., San Francisco.**

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** Washington St. near Arguello Blvd.  
 Two-story frame residence (8 rooms, 2 baths) wood exterior, gas heat, wood saah, oak floors, tile baths.  
**Owner—Forrest L. Jones, San Francisco.**  
**Architect—G. A. Dalley, 210 Post.**  
**Contractor—A. F. Mattock Co., 212 Clara Street.**

**Contract Awarded**  
**ALTERATIONS** Cost, \$10,000  
**SAN FRANCISCO.** 2005 Washington Street.  
 Alter residence.  
**Owner—Dr. Walter Schilling, 2006 Washington Street.**  
**Architect—Julia Morgan, 1136 Merchants Exchange Bldg.**  
**Contractor—N. F. Nielsen, 666 Mission Street.**

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$12,500  
**PIEDMONT, Alameda Co., Calif.** 21 Selbourne Drive.  
 Two - story frame and stucco residence (9 rooms) garage.  
**Owner and Builder—Gene Bistine, 352 Jerome Ave., Piedmont.**  
**Architect—Not Given.**

**Preparing Working Drawings**  
**ALTER RESIDENCE** Cost, \$4,000  
**SAN FRANCISCO.** 2417 Broadway.  
 Alterations to residence.  
**Owner—Name Withheld.**  
**Plans by Cyril Doane, 49 Rico Way.**

**Owner Taking Bids**  
**RESIDENCE** Cost, \$5,000  
**OAKLAND, Alameda Co., Calif.**  
 One-story frame and stucco residence (6 rooms, 1 bath), shingle roof, hardwood floors, inoleum bath, blower type hot air gas furnace, garage.  
**Owner—Elliot Pope, 563 E. 17th St., Oakland.**  
**Architect—Not Given.**

**Postponed Indefinitely**  
**SAN FRANCISCO.** Chestnut St. E Grant Avenue.  
 Two - story frame and stucco residence (6 rooms, 2 baths), composition roof, hot air gas furnace, hardwood floors, tile baths.

**Owner—Stanton D. Williard.**  
**Architect—Stanton D. Williard, 660 Market Street.**

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**BURLINGAME HILLS, San Mateo Co., Calif.** Lot 6 Bk 2, Hillside.  
 Two - story frame and stucco residence.  
**Owner—Charles A. Blesch.**  
**Architect—Not Given.**  
**Contractor—J. P. Sechsner, 1124 El Camino Real, Burlingame.**

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**BERKELEY, Alameda Co., Cal.** 355 Panoramic Way.  
 Two - story frame and stucco residence (5 rooms) garage.  
**Owner—M. Langworthy, 2631 Durant St., Berkeley.**  
**Architect—Williams & Wastell, 374 17th St., Oakland.**  
**Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland.**

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**PALO ALTO, San Mateo Co., Calif.** 2255 Webster St.  
 Two-story frame and shingle residence; garage.  
**Owner—S. W. Muller, Stanford University, Palo Alto.**  
**Architect—Not Given.**  
**Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.**

**To Be Done By Day's Work**  
**DUPLEX RESIDENCE** Cost, \$8,000  
**OAKLAND, Alameda Co., Calif.** 434-36 Merritt Ave.  
 Two-story duplex residence (8 rms.).  
**Owner & Builder—Edward Larmer, 90 Fairview Ave., Piedmont.**  
**Architect—Chester Treichel, 696 Cleveland Ave., Oakland.**

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO, Calif.** Forest Hills.  
 Two-story frame and Redwood finish residence (8 rooms, 3 baths), shingle roof, hardwood floors, tile baths, etc.  
**Owner—M. L. Thompson, care Architect.**  
**Architect—W. W. Wurster, 260 California St.**  
**Contractor—D. B. Gladstone, 557 Market St.**

**15 — SCHOOLS**

**BONDS VOTED**  
**LINDSAY, Tulare Co., Calif.**—Lindsay School District voted bonds in the amount of \$60,000 on January 5, proceeds to help finance construction of the new Lincoln Junior high school.  
 Preliminary plans prepared by Architect H. L. Gogerty, Hollywood.

**Award Recommended**  
**RECONSTRUCT AUDITORIUM** Cost, \$115,000  
**CROCKETT, Contra Costa Co., Calif.** Reconstruct auditorium and East cloister at John Swett High School.  
**Owner—Crockett School District.**  
**Engineer—Dewell and Earl, 55 New Montgomery St., San Francisco.**  
**Low Bidder—Karl S. Koller, Crockett and W. K. Van Bokkelen, Oakland, \$106,413.**  
 Crockett School District has recommended to PWA that the contract be awarded the low bidders.

**Contract Awarded**  
**PLACENTIA, Orange Co., Calif.**—W. J. Esser, 3711 Cerritos Ave., Long Beach, at \$38,275 (accepting normal bid with deduction under Alternate B), awarded contract by the Placentia

Unified School District, for construction of a one-story frame gymnasium at the Valencia high school in Placentia. Award made subject to approval of the PWA. T. C. Klattner, Architects Bldg., Los Angeles, Architect.

**LOW BIDDER**  
**MONROVIA, Los Angeles Co., Cal.**—Blystone & Van Tule, Brea, submitted low bid to the Monrovia City School District at \$39,943 for erection of a frame classroom building at the Orange Avenue elementary school. Recommendation was made to approve the PWA. The contract be awarded to the low bidder. Robert M. Finlayson, Monrovia, architect; Manley W. Sahlgren, Los Angeles, structural engineer.

**LOW BIDDER**  
**FONTANA, San Bernardino Co., Cal.**—Peter P. Shelby, 630 Chamber of Commerce Bldg., Los Angeles, submitted low bid to the Fontana School District at \$112,680 for a one- and two - story reinforced concrete Class A auditorium to be erected at Fontana elementary school, a PWA project. Architects Marsh, Smith & Powell, Los Angeles.

**To Ask Bids**  
**SCHOOL BLDG.** Cost, \$18,000  
**BERKELEY, Alameda Co., Calif.** Reconstruct auditorium at the Willard School.  
**Owner—Berkeley Board of Education (Clara F. Andrews, Secty.).**  
**Structural Engineer—Thos. F. Chace, Berkeley Board of Education.**  
**Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.**  
 Bids will be asked in about one month.

**CONTRACT AWARDED**  
**KERN CO., Calif.**—L. H. Hansen & Son, 934 Safford Ave., Fresno, at \$17,308, awarded contract by the Semitropic School District, for the construction of a one-story frame and stucco school building in Kern Co.  
 Plans prepared by Architect Chas. H. Biggar, 554 Haberfeld Building, Bakersfield.

Complete bids follow:  
 L. H. Hansen & Son, Fresno.....\$17,308  
 .....Alt. (a) 3,100  
 C. C. Foley, Bakersfield.....17,600  
 .....Alt. (a) 4,600  
 Willard Michaels, Bakersfield.....18,923  
 .....Alt. (a) 4,799  
 F. A. Greenough, Bakersfield.....19,642  
 .....Alt. (a) 4,134  
 A. J. Hendricks, Bakersfield.....19,660  
 .....Alt. (a) 4,500  
 R. Hodgson & Son, Porterville, 20,000  
 .....Alt. (a) 4,300

**Plans Being Figured — Bids Close**  
**January 21, 7:30 P. M.**  
**ADDITION** Cost, \$12,000  
**BAKERSFIELD, Kern Co., Calif.** Fremont School.  
 Addition and alterations to Fremont School (2 classrooms).  
**Owner—Bakersfield Elementary School District (Florence C. Porter, Secretary, 1600 K Street).**  
**Architect—Office of Edwin J. Symmes, Frank Wynkoop, Architect, 215 Haberfeld Bldg., Bakersfield.**  
 Plans and specifications obtainable from the office of the architect upon deposit of \$10.

**Bonds Voted**  
**PLINGE** Cost, \$72,000  
**TAFT, Kern Co., Cal.** Lincoln School, Fourth Street.  
 Concrete tile-lined pool and frame building.  
**Owner—Taft School District.**  
**Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.**  
 Taft School District on January 8 voted bonds in the amount of \$50,000

to assist in financing construction of the plunge. It is expected that the government will permit T&T to transfer a federal grant of \$22,000, made for the construction of a grand stand, to the pool fund.

#### FIRE LOSS

**SAN MATEO, Calif.**—Fire destroyed the Peninsula Grammar School on January 9, with damage estimated at \$40,000.

#### Contract Awarded

**GYM & AUDITORIUM**  
Contract Price, \$29,175  
**CEDARVILLE, Modoc Co., Calif.**

One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers and toilets).

**Owner**—Surprise Valley Union High School District, Cedarville, Modoc County.

**Architect**—Howard Perrin, 2067 Underwood Bldg., Klamath Falls, Oregon.

**Contractor**—M. W. Cherry, 1829 Lakeview St., Klamath Falls, Oregon.

The low bids, after all alternates were deducted, follow:

M. W. Cherry, Klamath Falls, \$29,175  
Brotherhood Constr. Co., Klamath Falls, 39,334  
Chas. D. Withers, Klamath Falls, 31,366

B. A. Howkins, San Francisco, 31,904  
A grant of \$13,500 has been approved by PWA toward the project.

**Award Recommended**  
**GYMNASIUM** Cost, \$30,000  
**SACRAMENTO, Sacramento County, Calif.** Fourth and "O" Streets

One-story reinf. concrete gymnasium (73x133 ft.) steel trusses.

**Owner**—Buddhist Church, Inc., 418 O Street, Sacramento.

**Architect**—Jens C. Petersen, 812 26th Street, Sacramento.

**Structural Engineer**—E. D. Francis, California State Life Bldg., Sacramento.

**Low Bidder**—Azevedo Const. Co., 920 O St., Sacramento.

Complete bids follow:

Azevedo Const. Co., Sacto., \$40,462  
Chas. H. Unger, Sacramento, 42,305  
Peterson & Steinhilber, 41,909  
H. W. Robertson, 42,522

Lindgren & Swinerton, Sacto., 45,095  
Award of the contract has been recommended to Azevedo Const. Co. at \$35,697, allowing for deductions for omitting plastering and furring, ceiling joists and celotex, and alterations to the balcony.

#### BIDS OPENED

**SAN FRANCISCO**—De Luca & Son, Inc., 1745 Filbert St., at \$34,772, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5384, for general construction on the auditorium for the Visitation Valley Sch., to be erected on City property on Schverin St. between Leland Ave. and Visitation Ave. Auditorium will be reinf. concrete, composition roof, wood floor, seating capacity of 400.

Plans prepared by Architects Hyman & Appieton, 68 Post St., and G. Albert Lansburgh, 321 Bush St.

Bids were taken as follows:

(1) General construction.

(1a) Addition or deduction if the space under the auditorium proper is unexcavated and footings, slabs, beams, etc., are laid directly upon the ground. (The space under the stage and general activities room shall be excavated.)

(2) Mechanical equipment and plumbing work.

(2a) Addition or deduction if the space under the auditorium

floor is not excavated and the slab laid directly upon the ground and piping installed in concrete trenches.

#### (3) Electrical work.

(3a) Addition or deduction if the space under the auditorium floor is not excavated and the slab is laid directly upon the ground and the electrical work is installed accordingly.

**General Construction**

De Luca & Son, Inc., S. F. (1) \$34,772  
..... (1a) Add. 350  
F. C. Amoroso & Sons, S. F. (1) 34,878  
..... (1a) Add. 140

Midstate Construction Co., Fresno ..... (1) 35,233  
..... (1a) Add. 600  
F. J. Reilly Co., S. F. ..... (1) 35,431  
..... (1a) Ded. 200

H. L. Petersen Constr. Co., San Francisco ..... (1) 35,466  
..... (1a) Add. 457

A. Nelson, Inc., S. F. ..... (1) 36,497  
..... (1a) Ded. 300  
O. Monson Bros., S. F. ..... (1) 36,543  
..... (1a) Ded. 300

Leo Epp, San Francisco, (1) 37,877  
..... (1a) Ded. 100

Grant-Martinelli Constr. Co., San Francisco, (1) 38,228  
..... (1a) Add. 835

Anderson & Ringrose, S. F. (1) 41,000  
..... (1a) Add. 1,250

**Mechanical Equip. & Plumbing**  
M. J. Reeves Heating Co., Inc., 959 Natoma St., San Francisco ..... (1) 3,270  
..... (1a) Add. 535

F. W. Snook Co., S. F. (1) 3,340  
..... (1a) Add. 678

Herman Lawson Co., S. F. (1) 3,583  
..... (1a) Add. 1,597

**Electrical Work**  
Central Electric Co., 179 Minna St., S. F. ..... (1) 1,777  
..... (1a) No bid

Spencer Electric Co., S. F. (1) 1,807  
..... (1a) Add. 79

H. S. Tittle Co., Inc. ..... (1) 1,825  
..... (1a) Add. 35

Abbett Electric Co., (1a) Add. 1,884  
..... (1a) Add. 25

G. H. Armstrong Electric Co. .... (1) 1,892  
..... (1a) Add. 75

Lynn & Hefferman ..... (1) 1,938  
..... (1a) Add. 20

United Electric Constr. Co. .... (1) 1,947  
..... (1a) Add. 47

All of San Francisco, unless otherwise noted.

Bids referred to City Architect C. H. Sawyer.

#### BONDS VOTED

**OROSI, Tulare Co., Calif.**—Orosi Union High School District on January 8 voted bonds in the amount of \$30,000, proceeds to finance construction of a four-room addition to the Orosi High School. Plans prepared by Architect Fred Swartz, Brix Bldg., Fresno.

**Sheet Metal Contract Awarded**  
**SCHOOL** Contract Price, \$14,500  
**ORANGEVILLE, Sacramento Co.**

One-story frame and stucco school (four classrooms).

**Owner**—Orangeville School District  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento.

**Contractor**—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

**Sheet Metal**—Frank Z. Ahl, 2114 P St., Sacramento.

Additional sub-contracts will be reported shortly.

#### CONTRACT AWARDED

**LONG BEACH, Cal.**—W. E. Allen, 743 W 14th St., Long Beach, at \$40,794 awarded contract by the Long Beach board of education (using salvaged materials) for the construction of the boys' and girls' reinf. concrete shower and locker buildings at the Hamilton Junior high school

site. Schilling and Schilling, Long Beach, architect and engineer.

#### LOW BIDDER

**SANTA BARBARA, Calif.**—Chas. M. Urton, 18 N. Calle Alamo, Santa Barbara, at \$54,872, submitted low bid to Santa Barbara High School District for construction of the Field building at Santa Barbara Junior high school, a PWA project. Bids will probably be rejected and plans revised as low bid exceeds appropriation. Winsor Soule and John Frederic Murphy, Santa Barbara, architects.

**16—BANKS, STORES AND OFFICES**

**Additional Sub-Contracts Awarded**  
**MARKET** Contract Price, \$20,305  
**SACRAMENTO, Sacramento County, Calif.** Ninth and S Streets.

One-story frame and stucco drive-in market building, cement slab on ground floor (90x115 ft.)

**Owner**—Herman T. Davis.  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento.

**Contractor**—Peterson & Steinhilber  
116 O St., Sacramento.

**Roofing**—Fred Clark, Route 1, Box 1888, Sacramento.

**Sheet Metal**—Frank Z. Ahl, 2114-P St., Sacramento.

As previously reported, electrical and plumbing awarded to Luppen & Hawley, 3126 J Street, Sacramento; painting to R. Berley; plastering to E. Summers, 3710 McKinley, Sacramento.

**To Ask Bids Shortly**  
**BANK** Cost, \$80,000  
**SACRAMENTO, Sacramento County, Cal.** Tenth St. bet. J and K Sts.

Reinforced concrete bank building. **Owner**—American Trust Co., 464 California St., San Francisco.

**Architect**—Harry J. Devine, Cronan Bldg., Sacramento.

Bids will be asked in about two weeks.

**Preparing Working Drawings**  
**MEDICAL CENTER BLDG.** \$50,000  
**BERKELEY, Alameda County, Cal.** Dwight Way.

Three-story and basement frame office building, doctors' offices and dentists'; garage in basement.

**Owner**—Withheld.  
**Architect**—Resing & McGuinness, 488 Pine St., San Francisco.

Bids will be asked in about one month.

**Bids Opened**  
**OFFICE BLDG., ETC.** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif.** 14th and Santa Clara.

Two-story frame and stucco building, doctors' offices on the first floor; 4-room apartment on second floor; hot air heat, tile and built-up gravel roof, steel sash, hardwood floors in apartment, linoleum floors in offices.

**Owner**—Mr. and Mrs. J. Pagle.  
**Architect**—Chas. McKezie, Twohy Bldg., San Jose.

**Low Bidder**—M. W. Reese, 1210 Minnesota Ave., San Jose.

The bids were: M. W. Reese, San Jose, \$5,900  
W. H. Schwartz, San Jose, 7,300

**Ornamental Bronze Contract Award**  
**BUILDING** Cost, \$2,000  
**SAN FRANCISCO, Tenth and Market Streets.**

Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).

**Owner**—Capital Co., 625 Market St.

## Plans by Construction Department of Owner

Structural Engineer—L. H. Nishkian, 525 Market Street.  
Mechanical Engineer—Leland & Haley, 58 Sutter Street.  
Contractor—Cahill Bros., 206 San some Street.

Ornamental Bronze—Federal Ornamental Bronze Co., 1890 16th St.

As previously reported:  
Mail Chute—Federal Mail Chute Corporation, Ltd., 16th and San Bruno Streets.

Waste Paper Chute—Haslett Spiral Chute Co., 280 Battery St.

Ornamental Iron—McNeill-Steinberg Mfg. Co., 36 Clyde St.  
Miscellaneous Iron—Monarch Iron Works, 262 7th St.

Complete list of sub contracts awarded to date published Nov. 23.

## Additional Sub Contracts Awarded WAREHOUSE AND OFFICES

Cost, \$200,000  
SAN FRANCISCO. SW Beale and Folsom Streets.

Four-story and basement, mezzanine floor warehouse and office bldg. (137x170 ft.), one freight and one passenger elevator, steam heating system, etc.

Owner—Coffin—Reddington Co., 401 Mission Street.

Architect—F. H. Meyer, Kohl Bldg. Engineer—L. H. Nishkian, 525 Market Street.

Contractor—Cahill Brothers, 206 San some Street.

Sheet Metal—Fire Protection Products Co., 1101 16th St.

Glass—Habenicht & Howlett, 529 Clay Street.

Hollow Tile Partitions—Harry E. Drake, 666 Mission St.

Roofing—J. W. Bender Co., 1999 Bryant St.

Complete sub contracts awarded to date published Nov. 16.

## Low Bidder

ALTERATIONS Cost, \$25,000

SAN JOSE, Santa Clara Co., Calif. NE corner First and San Carlos.

Remodel ground floor of three-story building (new terrazzo floors, 4 new entrances) new kitchen and restroom on second floor, etc.

Owner—H. R. Fry, Wilcox Building, San Jose.

Architects—Milton A. Anderson, and Alvan E. Nordstrom, 608 Transamerica Bldg., Los Angeles.

Low Bidder—Henry A. Bridges, 1398 Lincoln Ave., San Jose, approximately \$35,000.

## Preparing Working Drawings.

STORE Cost, \$12,000

SALINAS, Monterey Co., Cal. Main and Alsals Streets.

One-story steel frame and tile store building (six stores) composition roofing, cement and maple floors.

Owner—Cominos Brothers.

Architect—Chas. E. Butler, 51 Maple St., Salinas.

Working drawings will be completed in about ten days.

## To Be Done By Day's Work

ALTER STORE BLDG. Cost, \$10,000

STOCKTON, San Joaquin Co., Calif. 418 E. Main St.

Alterations to store building.

Owner & Builder—F. W. Woolworth Co., 418 E. Main St., Woolworth.

Architect—Not Given.

## Plans Being Completed

ALTERATIONS Cost, \$ 5,000

SAN FRANCISCO, 1017 Market St.

New store front and alterations and improvements to interior.

Owner—Union Furniture Store, 1017 Market Street.

Architect—S. Chas. Lee, 25 Taylor St.

Bids will probably be asked this week.

## To Ask Segregated Bids

ALTERATIONS Cost, \$50,000

OAKLAND, Alameda Co., Calif. SW Broadway and 13th Streets.

Alterations to bldg for drug store (combining two existing stores)

new partitions, plaster ceilings, new floors, new equipment, electrical and plumbing work, etc.

Owner—Irvine Jones, et al. Lessee—Walgreen Drug Co., Chicago.

Architect—Not Given.

Supt. of Const.—K. Vika.

Sub-bids on all portions of the work will be taken by Mr. Vika.

## Bids Opened

ALTERATIONS Cost, \$ 5,000

MONTREY, Monterey Co., Calif. New store front.

Owner—Sproue-Reitz Store.

Architect—C. J. Ryland, Monterey.

Complete bids follow:

W. P. Sweeney, 563 Lighthouse Ave., Pacific Grove, \$3,913.76

J. S. Clark, Monterey, 4,107.00

J. Tauffer, Monterey, 4,644.70

H. C. Geyer, Monterey, 4,985.00

## Contract Awarded

STORE BLDG. Cost, \$11,000

SAN FRANCISCO, Tenth Street between Harrison and Folsom Sts.

One-story and mezzanine reinf. concrete store building.

Owner—Mr. Gately, Jr. care Bothin Real Estate Co., 604 Mission St.

Architect—Angus McSweeney, 604 Mission Street.

Structural Engineer—Norman Green, 55 New Montgomery St.

Contractor—A. F. Mattock Co., 212 Clara Street.

## Contract Awarded

BANKING ROOM Cost, \$ 5,000

SAN FRANCISCO, Ninth and Market St. (Balconades Bldg.)

New banking room (heating, ventilating, electrical and banking fixtures, etc.)

Owner—Capital Co., 625 Market St. Plans by Construction Department of Owner.

Contractor—Walter Mfg. Co., 5875 Mission Street.

## Preparing Working Drawings

STORE Cost, \$7,500

SALINAS, Monterey Co., Cal. Main Street.

One-story reinforced concrete store building.

Owner—Julia Duncan.

Lessee—Pep Creamery Company.

Architect—Chas. E. Butler, 51 Maple Street, Salinas.

## Contracts Awarded

STORE Cost, \$250,000

SANTA ROSA, Sonoma Co., Calif. D and Fourth Streets.

Two-story steel frame and reinforced concrete department store bldg. (30 departments) complete air conditioning equipment, electric plant.

Owner—Fred Rosenberg, Santa Rosa

Architect—Hertzka and Knowles, 369 Pine St., San Francisco.

Structural Engineer—V. W. Breite, 129 Battery St., San Francisco.

Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.

Segregated bids were taken and contracts awarded as follows:

Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

Heating, Ventilating and Plumbing—Jas. A. Nelson, Inc., 1375 Howard St., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

Elevators—Ots Elevator Co., 1 Beach St., San Francisco.

General contract and electric work have not yet been let. Announcement will be made shortly.

## Bids In—Under Advisement.

ALTERATIONS Cost, \$25,000

SAN JOSE, Santa Clara Co., Calif. NE Corner First and San Carlos.

Remodel ground floor of three-story building (new terrazzo floors, 4 new entrances) new kitchen and restroom on second floor, etc.

Owner—H. Ray Fry, Wilcox Bldg., San Jose.

Architects—Milton A. Anderson, and Alvan E. Nordstrom, 608 Transamerica Bldg., Los Angeles.

Announcement will be made shortly.

## Contract Awarded

RESTAURANT Cost Pr., \$12,700

SAN MATEO, San Mateo Co., Calif. One-story stucco restaurant, plaster and plywood interior, shingle roof, oil burner heating system, wood sash, hardwood floors.

Owner—Chartier's Restaurant.

Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

## Contract Awarded

ALTERATIONS Cost, \$6,500

SAN FRANCISCO, 150 Post Street. Alter office.

Owner—Crocker Estate Co., Crocker Building.

Architect—Kent & Haas, Underwood Building.

Engineer—R. J. Fisher, Crocker Building.

Contractor—Dinwiddie Const. Co., Crocker Bldg.

## Contract Awarded

STORE Contract Price, \$7,000

SAN FRANCISCO, Geary Street between 18th and 19th Avenues.

1½-story frame store building (enameled iron exterior, gas steam radiators, wood floors, wood sash composition roofing).

Owner—Rothschild Bros., 41 Sutter.

Architect—F. F. Amandes, 414 Dewey Boulevard.

Contractor—W. C. Akard, 225 Cervantes Boulevard.

## Contract Awarded

REPAIRS Cost, \$10,000

FRESNO, Fresno Co., Calif. 1127 Fulton Street.

Repair fire damage to store bldg. Owner—Brix Estate Co., Brix Bldg., Fresno.

Architect—Not Given.

Contractor—J. T. Cowan, 315 Brix Bldg., Fresno.

## Plans Being Figured—Bids Close

Jan. 29, 5 P. M.

REMODEL BLDG. Cost, \$ 5,000

OAKLAND, Alameda Co., Cal. 431 Nineteenth Street.

Remodel existing building into coffee shop and cocktail bar.

Owner—Tim's High Hat Club (W. W. Naylor).

Architect—Williams and Grimes, 251 Post St., San Francisco.

Following are figuring plans: Pink & Schindler Co., 552 Brannan St., San Francisco.

Unit-Bilt Fixture Co., 243 7th St., San Francisco.

Braas & Kuhn Co., 1917 Bryant St., San Francisco.

Mullen Mfg. Co., 64 Rausch Street, San Francisco.

## Plans Being Figured

DRIVE-IN MARKET Cost, \$75,000

STOCKTON, San Joaquin Co., Calif. SW El Dorado St. and Harding Way.

Drive-in Market (L-shaped; 150x150 feet) frame and stucco construction, service station, etc.

Owner—John A. Heack, Stockton.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Following contractors are among those figuring plans:

O. H. Chain, 41 South Sutter St., Stockton.  
J. A. Alleo, 22 South Sutter Street, Stockton.

## 17— THEATRES

**Roofing Contract Awarded**  
**THEATRE** Cost, \$70,000  
SAN FRANCISCO. Chestnut St., nr. Scott St.  
One-story steel and concrete theatre (to seat 900), modern style.  
Owner—Baron & Nathan Marina Theatre, 2141 Chestnut St.  
Architect—W. D. Peugh, 333 Montgomery St.  
Structural Engineer—F. W. Kellberg, 329 Market St.  
Contractor—Cahill Bros., 206 Sansome St.  
**Roofing & Roof Insulation**—J. W. Bender Roofing & Paving Co., 1999 Bryant St.  
Complete sub bids awarded to date published Jan. 5, 1937.

**Plans Completed**  
**THEATRE** Cost, \$40,000  
FONTANA, San Bernardino Co., Cal. New reinforced concrete theatre bldg. (60 x 124 ft.), to seat 750.  
Owner—Fontana Farms Co., Administration Bldg., Fontana.  
Architect—Carl Boller, 4927 Pasadena Ave. Terr., Los Angeles.  
Engineer—Phil B. Hasbrouch.  
Supt. of Construction—R. E. Boyle.  
Construction will be handled on a segregated contract basis.

## 18— WHARVES & DOCKS

**Planned**  
**WHARVES, ETC.** Cost, \$1,000,000  
ALAMEDA, Calif. Foot of Mulberry Street.  
Wharfs, storage tanks, and vegetable oil production plant.  
Owner—Santa Cruz Oil Company (J. J. Coney, vice-president), 311 California St., San Francisco.  
Plans by Engineering Department of Owner.  
Upon completion of dredging work in the estuary, construction will get under way.

## BIDS WANTED

**PORTLAND, Ore.**—Until Feb. 2nd, 10 A. M., bids will be received by the City of Portland, Commission of Public Docks, Philip. H. Carroll Executive Secretary, foot of Stark St., Portland, for reconstruction and improvement of Municipal Terminal No. 1.

Work consists of construction of a new warehouse 200x256 ft.; widening of the quay dock 40 ft.; reconstruction of Pier A platform; constructing an open dock (325x380 ft.); concrete retaining walls; earth fills; pile driving; installing railroad tracks electrical wiring; sprinkling system; asphalt paving. Estimated cost \$800,000. FWA grant of 45% of the cost will assist in financing.

Plans and specifications may be obtained from the above office upon deposit of \$50.00.

Plans prepared by A. D. Merrill, engineer of public docks.

## 19—MISC. CONSTRUCTION

**Contract Awarded**  
**CONVEYOR** Cost, \$40,000  
STOCKTON, San Joaquin Co. Port of Stockton.  
Installation of new 1100-ft. belt grain conveyor for ship loading.  
Owner—Port of Stockton Grain Terminal Co., Port of Stockton.  
Plans by Link Belt Co. engineering department, 400 Paul Ave., San Francisco.  
Contractor—Kyle & Co., Inc., West's

Lane, Stockton, and Sellar Iron Works, 945 S. Pilgrim Avenue, Stockton.  
Work just started will be completed in about 30 days.

**Contract Awarded**  
**RADIO STATION** Cost, \$12,000  
OAKLAND, Alameda Co., Calif. 327 Broadway Street.  
Alterations to existing building, to convert entire second floor (150x 125 ft.) into radio broadcasting station.  
Owner—Major Charles Tilden.  
Lessee—Warner Bros., 2201 Telegraph Ave., Oakland.  
Architect—H. C. Ferres, 435 Valle Vista Ave., Oakland.  
Contractor—A. W. Pattiani, 1916 Broadway, Oakland.  
Judson-Pacific Co., 609 Mission St., have been awarded contract to erect sub-structure for 179 ft. steel vertical radiator on roof.

**Additional Sub Contracts Awarded**  
**ALTERATIONS** Cont. Fr., \$19,170  
SAN FRANCISCO. Sixth Ave. and Geary Street.  
Alterations to undertaking establishment.  
Owner—Ashley & McMullen, Inc., 399 Sixth Ave.  
Architect—Johnson & Wethered, Sir Francis Drake Hotel.  
Contractor—Peter Sartorio, 666 Mission Street.  
**Sheet Metal**—Colan Heating & Sheet Metal Works, 1060 Folsom St.  
**Brick**—Wm. Rainey & Son, 323 Clementina St.  
**Ornamental Iron**—Arnke Iron Works, 780 Brannan St.

Complete sub contracts awarded to date published Dec. 14, 1936.

## CONTRACT AWARDED

**SAN FRANCISCO.**—Western Asbestos Co., 675 Townsend St., at \$2,875, awarded contract by the Public Utilities Commission, Room 287, City Hall, under S. E. Water Department Spec. No. 132, for acoustical treatment in the San Francisco Water Department Building, at 425 Mason Street.

## BIDS WANTED

**SACRAMENTO, Cal.**—Until Jan. 25 5 P. M., bids will be received by the Board of Education of the Sacramento City Unified School District, School Administration Bldg., 21st and L Sts., Chas. C. Hughes, secretary, for the sale of the three-story frame building (McKinley school) located on the east side, near the alley running into 8th St., including wrecking and removal of the building.

Information obtainable from the above office.

## Sub-Contracts Awarded

**ADDITIONS AND ALTERATIONS** Cost, \$35,000  
SAN FRANCISCO. 777 Valencia St.  
Additions and alterations to existing mortuary bldg. (new chapel, lobby, slumber rooms, offices, service rooms).  
Owner—Gantner and Mason, 777 Valencia Street.  
Architect—Charles F. Strothoff, 2274 Fifteenth Street.

Contractor—Carlen Construction Co., 666 Mission Street.

**Plumbing**—Walker Bros., 271 Connecticut Street.

**Sheet Metal**—Colan Heating & Sheet Metal Co., 1060 Folsom Street.

**Plastering**—John Shimmom, 1612 Noriega Street.

**Electrical Work**—Collonan Mfg. Co., 3201 Mission Street.

As previously reported, excavation awarded to Divencenzi & Haskins, 440 Anza Street.

## 20—MISC. SUPPLIES AND MATERIALS

### BIDS OPENED

**EUREKA, Humboldt Co., Calif.**—California Corrugated Culvert Company, Berkeley, submitted the low bid to the U. S. Indian Irrigation Service, 751 S. Figueroa Street, Los Angeles, January 12 at \$1283.23 fob Berkeley, for furnishing fob bidder's shipping point for shipment on government bill of lading to Eureka the following:

- 1) 930 ft. 16-in., 12-gauge, welded steel slip joint drive end pipe, 20-ft. lengths;
- 2) 175 ft. 8-inch do;
- 3) 650 ft. 1½-in. standard threaded pipe with couplings, dipped and wrapped, in random length.

Invit. No. 0364.

The complete bids were:

California Corrugated Culvert Co., (1) \$1.12; (2) \$.61; (3) \$2.075; total, \$1283.23; fob Berkeley; discount ½ of 1%, 10 days.

Four identical bids at (1) \$1.22; (2) \$.63; (3) \$1.925; total, \$1369.98, fob Los Angeles, were submitted by: American Pipe and Steel Corp., Consolidated Steel Corp., Western Pipe & Steel Co. and Southern Pipe and Casing Co.

### BIDS OPENED

**EUREKA, Humboldt Co., Calif.**—Four identical bids were submitted to the U. S. Indian Irrigation Service, Los Angeles, at 29c ft., total \$1450 f.o.b. Los Angeles, for furnishing 5000 ft. 4-in., 12-gauge welded steel, slip joint drive end pipe for shipment on government bill of lading to Eureka by Southern Pipe & Casing Co., Western Pipe & Steel Co., West Coast Pipe & Steel Co. and American Pipe & Steel Co. California Corrugated Culvert Co. bid \$0.35 f.o.b. Berkeley, discount ½ of 1% 10 days. Invit. No. 0365.

### CONTRACT AWARDED

**PYRAMID LAKE PROJECT, Nevada.** Consolidated Steel Corp. was awarded the contract by the U. S. Indian Irrigation Service, January 12, at \$2081.60 f.o.b. Los Angeles, for furnishing fabricated structural steel for Pyramid Lake Project, Nevada, under Invit. No. 0362.

### CONTRACT AWARDED

**OAKLAND, Cal.**—Bethlehem Steel Corp., 20th and Illinois Streets, San Francisco, at \$2370.70 awarded contract by the East Bay Municipal Utility District, Oakland, under Invit. No. 828, for furnishing 472 round rods, 1½-in. dia., 36 ft. 5 in. long with end threaded, and including turnbuckles to fit same.

### BIDS OPENED

**OAKLAND, Cal.**—Identical bids at \$2.70 for furnishing 1,000 barrels of portland cement were received by the East Bay Municipal Utility District from the following: Contra Costa Bldg. Materials Co., Chas. S. Hughes Co., Albert C. Moe, Transit Concrete, Powell Bros., Melrose Building Materials Co., Rhodes & Jamieson, and the Central Bldg. Materials Co.

The cement is to be used in construction of a cement tank.

### BIDS OPENED

**OAKLAND, Alameda Co., Calif.**—James Bell Co., 2211 Market St., Oakland, at \$6,152.37 each, submitted low bid to the Oakland City Council, W. Whappell, City Clerk, for furnishing 100 street refuse containers.

Complete bids as follows:  
James Bell Co. \$6,152.22  
Melrose Sheet Metal Works 7.16  
W. R. Ames Co. 7.50

## BIDS OPENED

**MARE ISLAND & SAN DIEGO.**—Following bids received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., under Schedule No. 9559, for furnishing portland cement for San Diego and Mare Island:

California Portland Cement Co., Los Angeles—Lot 180, 6,000 lbs., \$2.12 per bbl.; total, \$12,720; Lot 181, 5,800 lbs., \$2.37 per bbl.; total, \$13,746.

Riverside Cement Co., Los Angeles—Lot 180, 6,000 lbs., \$2.12 per bbl.; total, \$12,720.

Southwestern Portland Cement Co., Los Angeles—Lot 180, 6,000 lbs., \$2.12 per bbl.; total, \$12,720.

Monolith Portland Cement Co., Los Angeles—Lot 180, 3,000 lbs., \$2.39 per bbl.; total, \$7,170; Lot 181, 5,800 lbs., \$2.47 per bbl.; total, \$14,326.

California Cement Co., San Francisco—Lot 180, 3,000 lbs., \$2.61 per bbl.; total, \$7,830; Lot 181, 5,800 lbs., \$2.47 per bbl.; total, \$14,326.

Graham Bros., Los Angeles—Lot 180, 6,000 lbs., \$2.12 per bbl.; total, \$12,720; Lot 181, 5,800 lbs., \$2.45 per bbl.; total, \$14,210.

Pacific Portland Cement Co., San Francisco—Lot 180, 3,000 lbs., \$2.49 per bbl.; total, \$7,470.

J. S. Schemm Co., San Diego—Lot 180, 6,000 lbs., \$2.22 per bbl.; total, \$13,320.

## CONTRACT AWARDED

**SAN FRANCISCO.**—James L. Hall Co., Mills Bldg., at \$2,137.73, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1717, for furnishing redwood ties.

- (1) 75,520 ft. b.m. 6x8-in. x 8 ft. standard split or hewn redwood ties;
- (2) 1,800 ft. b.m. 6x8-in. sawed or hewn redwood ties for special work.

**James L. Hall Co.**—(1) \$27.50 per M.; total, \$2,076.80; (2) \$34; total, \$60.93; grand total, \$2,137.73; net. **Gamerston & Green**—(1) \$27.45; total, \$2,073; (2) \$39.75; total, \$7,155; grand total, \$2,144.57; discount, 2%.

**California Tie & Lumber Co.**—(1) \$30; total, \$2,265.60; (2) \$45; total, \$81; grand total, \$2,346.60; net.

**Henry P. Ziel**—(1) \$35.50; total, \$2,680.96; (2) \$51.75; total, \$93.15; grand total, \$2,774.11; net.

**Loop Lumber Co.**—(1) \$39; grand total, \$2,945.28; (2) \$40; total, \$71.68; grand total, \$3,016.96; net.

**Union Lumber Co.**—(1) \$39; total, \$2,945.28; (2) \$40; total, \$72; grand total, \$3,017.28; net.

## BIDS OPENED

**SAN FRANCISCO, Calif.**—Fairbanks-Morse Co., Spear and Harrison Sts., at \$1,535, submitted low bid to P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 972, for furnishing an electric generating, storage and water supply unit.

A. L. Young Machinery Co., at \$2,070, submitted the only other bid.

## BIDS OPENED

**MERCED CO., Calif.**—Following bids received by F. F. Moran, Assistant Procurement Officer, Phelan Bldg., San Francisco, under Bid No. 975, for furnishing 19,000 ft. b.m. structural Douglas fir lumber for the Bull Creek Bridge, f.o.b. bidder's shipping point and/or Merced:

**Chas. McCormick**—\$500.94, f.o.b. Portland; \$685, f.o.b. Merced; discount, 2% 10 days; weight, 62,700 lbs.

**E. K. Wood Lumber Co.**—\$475.20, f.o.b. Cottage Grove, Ore.; discount, 2% 10 days; 1% 20 days; weight, 54,870 lbs.

**James L. Hall Co.**—\$625, f.o.b. Eureka; discount, 2% 20 days; 1% 30 days; weight, 53,060 lbs.

**Loop Lumber Co.**—\$455, discount, 2% 30 days; weight, 55,000 lbs.

## BIDS OPENED

**KERN CO., Calif.**—Following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 974, for furnishing 301 pieces of reinforcing steel for the Kern River Bridge, f.o.b. bidder's shipping point and/or Bakersfield:

**W. C. Hauck**—\$130.45, f.o.b. San Francisco; \$148.76, f.o.b. Bakersfield; discount, 1 1/2% 10 days; weight, 4,259 lbs.

**Bethlehem Steel Co.**—\$136.69, f.o.b. San Francisco; \$155, f.o.b. Bakersfield; discount, 1 1/2% 10 days; weight, 4,259 lbs.

**Soule Steel Co.**—\$130.45, f.o.b. San Francisco; \$148.75, f.o.b. Bakersfield; discount, 1 1/2% 10 days; weight, 4,259 lbs.

**Gunn Carle Co.**—\$130.45, f.o.b. San Francisco; \$148.76, f.o.b. Bakersfield; discount, 1 1/2% 10 days; weight, 4,259 lbs.

**W. S. Wettenhall**—\$148.76, f.o.b. Bakersfield.

## BIDS OPENED

**SACRAMENTO.**—Following bids received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Requisition 26346, for furnishing twenty-five 35-ft. Western Red Cedar butt treated poles with 8-inch tops:

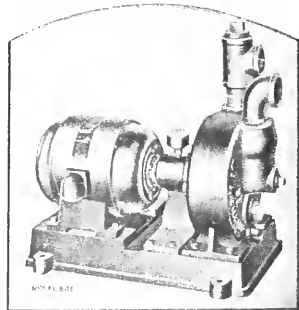
**F. G. Noyes Co., Napa**—\$12.80 each, total \$320, f.o.b. Alameda; trucking to Napa, \$32.50; grand total, \$352.50; prompt delivery.

**Stapleton Lumber Co., San Francisco**—\$12.85 each, total \$323.75; delivery via truck f.o.b. Napa; delivery 14 days after strike is settled.

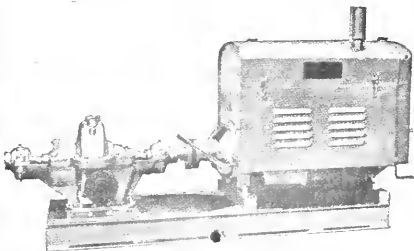
**James L. Hall Co., San Francisco**—Class B butts, B treated, \$14.94 each; 3/4-in. guaranteed penetration, \$15.30; 1/2-in. guaranteed penetration, \$15.45; all f.o.b. Napa; for a minimum carload lot of about 60 poles; B treated, \$11.60; 3/4-in. penetration, \$11.95; 1/2-in. penetration, \$12.10; delivery in 7 to 10 days after receipt of order; discount, 2% 20 days, 1% 30 days.

## FOR RENT—PUMPS—FOR SALE

A COMPLETE, IMMEDIATELY AVAILABLE SERVICE TO CONTRACTORS



ELECTRIC DRIVEN SELF-PRIMING PUMPS



Multistage High Pressure Centrifugal Pumps, well adapted for water supply systems, irrigating, jetting piling and fills, fire protection service and other purposes requiring operation against very high heads

## PACIFIC PUMPING COMPANY

329 Tehama Street  
SAN FRANCISCO

526 NW Broadway  
PORTLAND

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until Jan. 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Inf. Proposal No. 833, for furnishing 10,000 lb. of 6-in. cast iron pipe.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

CEMENT, 650 pts. liquid rubber cement, Mare Island; 1,100 lbs. iron or steel cement, Puget Sound. Sch. 9696; Jan. 19.

SCALES, ten 1,000-lb. capacity portable weighing scales; Mare Island. Sch. 9714; Jan. 19.

WAX, 9,000 lbs. lump carmouba wax and 8,000 lbs. yellow ceresin wax, Mare Island. Sch. 9699; Jan. 19.

NETTING, 42,600 sq. ft. galv. steel wire netting; Mare Island. Sch. 9682; Jan. 19.

FOUNTAINS, two electric drinking fountains and spares; Mare Island. Sch. 9746; Jan. 22.

WINCHES, 2 double drum winches and spares; Mare Island. Sch. 9739; Jan. 22.

SEWING MACHINES, 11 motor-driven, and 8 sewing machine heads; Mare Island. Sch. 9751; Jan. 26. Information obtainable from the above office and from Headquarters 12th Naval District, Federal Office Bldg., San Francisco.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

JANUARY 19, 10 A. M.:

BID NO. 3183: 30,000 gals. asphaltic emulsion; fob Oakland city trucks bidder's plant, Oakland;

BID NO. 3179: 1759 sacks portland cement; fob Sonora Union High School Dist., Sonora;

BID NO. 3175: 60 cv. ready mixed concrete; fob Oak Grove Avel. College and Forest St., Oakland;

BID NO. 3176: 158 cv. ready mixed concrete; fob Peralta Creek culvert at 41st Ave., Oakland;

BID NO. 3180: 5000 lb. expansion joint filler; fob 1135 Page St., San Francisco;

BID NO. 3178: 20,000 FBM Oregon pine lumber; fob San Jose;

BID NO. 3177: 7,467 FBM Redwood lumber; fob Santa Clara Valley Water Conservat. Dist. canal site, near New Almaden, approx. 10 miles south of San Jose;

BID NO. 3184: 421 tons asphaltic concrete, natural rock; fob Kenilworth and Mitchell Aves., San Leandro.

Specifications obtainable from the above office.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 22, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1725, for furnishing stock and manu-

factured furniture for the School Department.

Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES.—Until January 26, 2 p.m., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing 9 steel covers for siphon transitions and large manholes complete with support beams and bearing plates. Spec. No. 188.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

SALT RIVER PROJECT, Arizona.—Until Jan. 20, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing modified and low heat portland cement for Bartlett Dam, Salt River project, Arizona, under Spec. No. S71-D. The items are:

(1) 200,000 bbls. modified portland cement, type A, in bulk, f.o.b. cars bidder's shipping point;

(2) 200,000 bbls. low heat portland cement, type B, in bulk, f.o.b. cars bidder's shipping point.

Specifications obtainable from the above office.

## WAR DEPARTMENT

SACRAMENTO.—Until January 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-159, for furnishing and delivering miscellaneous castings as follows:

- One counter shaft for cutter engine;
- One lot cutter head bearings (8 half bushings);
- One discharge pipe S bend.

Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

SAN FRANCISCO.—Until January 21, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Durst, District Engineer, 401 Custom House, under Bid No. 868-37-139, for furnishing steel, brick, and miscellaneous hardware.

Delivery f.o.b. Pier 24, San Francisco Waterfront, care U. S. Dredges "Sacramento" and "San Joaquin."

Specifications obtainable from the above office.

FORT MASON.—Until January 26, 11 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-240, for furnishing replacement abrasives, brushes, welding tip cleaners, drawn iron rods, carbon steel rods, soldering salts, steel drills, files, tools, etc.

Specifications obtainable from the above office.

BONNEVILLE, Ore.—Until Jan. 29, 3 P. M., date postponed from Jan. 19, previously reported, bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-208, for furnishing metal-enclosed control equipment for the operation lock at the Bonneville Dam. The equipment shall be totally steel-enclosed, free-standing,

and of the dead-front safety type, and consists of four sections of control desk and 14 cubicles of enclosed switchboard.

Alternate bids will be taken as follows:

Ait. "A": Fob railroad cars at bidder's shipping point, for shipment at Government expense, to Bonneville, under Government bills of lading;

Ait. "B": Fob railroad cars at Bonneville, Oregon, all transportation cost to be borne by the contractor.

Specifications obtainable from the above office.

FORT MASON.—Until January 22, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-238, for furnishing 1400 wood boxes, 2000 wooden hoops, 10,000 lbs. nails, 4000 lbs. cold rolled steel flat strapping, and 100,000 ft. m. Douglas fir lumber, etc.

Specifications obtainable from the above office.

BONNEVILLE, Ore.—Until February 11, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-232, for designing, manufacturing and delivering 15-kv. circuit-breakers, metal-enclosed buses, auxiliary devices, accessories, and spare parts, for installation in the Bonneville power house.

The work involves:

- Two oil circuit-breakers, 3,000 amps., 15,000-v., TPST, vertical lift, electrically operated, modified metal-clad type;
- Two oil circuit - breakers, 600 amps., 15,000 v., SPST, electrically operated, for mounting in concrete cells;
- One transfer truck for the above TPST breakers;
- One tank lifter for the above SPST breakers;
- One tank rack for the above TPST breakers;
- All 15-kv. main conductors, including their supports and enclosures from generator terminals, including neutral leads, to terminals of 16,000 kv.-a. transformers, stub bus between generators, current transformers, disconnecting switches, auxiliary devices and accessories;
- Spare parts for circuit-breakers and buses.

Bids will be taken as follows:

Ait. "A"—Lump sum for 15 kv. circuit-breakers, metal - enclosed buses, auxiliary devices, accessories and spare parts, f.o.b. bidder's shipping point, the Government to pay the cost of transporting the equipment from bidder's specified shipping point to Bonneville, shipment to be made under Government Bills of Lading.

Ait. "B"—One lot do., delivered f.o.b. cars at Bonneville, Oregon.

Specifications obtainable from the above office.

FORT MASON.—Until January 28, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-244, for furnishing w. glass, oil paint, chain link fencing, hot dipped galvanized posts, top rail, swing gates, fencing wire, etc.

Specifications obtainable from the above office.



## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav., Irrigation Proj.	31—Pipe Lines and Wells
23—St. Light Systems	32—Sewers & Sewage Disposal Plants
24—Machinery and Equipment	33—Water Works
25—St. Light Systems	34—Parks & Play- grounds
26—Fires Alarm Sys.	35—Tunnels
27—Fires Equipment	
28—Streets & High- ways	

## 21— BRIDGES

## CONTRACT AWARDED

SAN FRANCISCO.—C. C. W. and H. H. Hahn, 666 Mission St., at \$2,886, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,955, for the reconstruction and repair of the Sixth Street bridge over Channel Street Waterway.

## BIDS WANTED

COLUSA CO., Calif.—Until January 18, 2 p.m., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg. San Francisco, under Bid No. 982, for furnishing one structural steel, 30-ft. beam span, for the Bartlett Creek Bridge.

Delivery f.o.b. cars or trucks bidder's shipping point and/or Williams. Specifications obtainable from the above office.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## FUNDS ASKED

LOS ANGELES.—Board of Army Engineers has recommended to Congress appropriation of \$1,375,000 to complete construction of the Los Angeles-Long Beach harbor breakwater and for dredging in the harbor.

## APPROPRIATION RECOMMENDED

LOS ANGELES.—The Board of Army Engineers has recommended to Congress appropriation of \$1,375,000 to complete construction of the Los Angeles-Long Beach harbor breakwater and for dredging in the harbor.

## BIDS OPENED

NAPA CO., Calif.—Franks Contr. Co., 260 California St., at \$0.40 per c.y., total \$68,456.40 submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-83, for dredging and disposing of about 171,141 c.v. of material in Napa River.

The work has been divided into four sections, as follows:

Section "A"—Dredging the channel in Napa River, from a point about 200 ft. northerly from Buoy 3, for a distance of about 1,800 ft., 100 ft. wide on the bottom, to a depth of 10 feet at mean lower low water (mud);

Section "B"—Dredging an area about 1,050 ft. long and of a maximum width of about 150 ft. on the bottom, located in and adjoining the channel in Napa River, at Horse-

shoe Bend, to a depth of 10 ft. at mean lower low water (mud and gravel);

Section "C"—Dredging an area about 1,220 ft. long and of a maximum width of about 290 ft. on the bottom located in and adjoining the channel in Napa River, at Carr Bend, to a depth of 10 ft. at mean lower low water (mud, clay and gravel);

Section "D"—Dredging the channel in Napa River, from a point about 1,000 ft. downstream from the Napa Tannery Wharf upstream for a distance of about 620 ft. to the Third St. Bridge, 75 feet wide on the bottom to a depth of 10 ft. at mean lower low water, with a widening for a length of about 900 ft. from the bend opposite the said Tannery Wharf to and around Jack's Bend, so as to make a total channel width of from 150 feet to 250 feet on the bottom in said section, 10 ft. deep at mean lower low water; (channel: mud, gravel, and trash; widening: clay, gravel, loam, and trash).

The company submitted an alternate bid of \$0.358 per c.y., if allowed to dispose of dirt in their own way. Engineer's estimate, \$0.228, total \$35,360.

## 23— CANALS

## CONTRACT AWARDED

YAKIMA PROJECT, Wash.—J. A. Terteling & Sons, Box 1406, Boise, at \$374,409 awarded contract by Bureau of Reclamation, C. E. Crownover, Construction Engineer, Yakima, under Spec. No. 711, for construction of earthwork, bench flume, canal lining and structures, Station 102 to Station 197 plus 77 68, Yakima Ridge Canal, Roza Division, Yakima Proj.

## CONTRACT AWARDED

SUN RIVER PROJECT, Mont.—E. C. Powell, Missoula and Chateau, Mont., at \$21,798, awarded contract by the Bureau of Reclamation, Fairfield, Mont. A. W. Walker, Superintendent, Sun River Project, under Spec. No. 856-D, for the construction of earthwork and structures for open drains, Greenfield's division, Sun River Project.

## 24—STREET LIGHTING

## BIDS OPENED

SAN FRANCISCO.—Electric Power Bureau, at \$2,515, submitted low bid to the Public Utilities Commission, City Hall, under Electrical Power Bureau Contract No. 18, for the construction of a street lighting system

on Anza Street, from Parker Avenue to Arguello Blvd.

The work involves:  
(1) 9 electroliters, complete;  
(2) 1,050 ft. 1½-in. primary cable;  
(3) 3,000 ft. primary cable;  
(4) 4 pull boxes.

Complete bids follow:

Electric Power Bureau.....\$2,515  
George F. Breyer.....2,800  
Spencer Elec. Co.....2,877

## BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 2, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the installation of an ornamental electric street lighting system on Third Ave. in East 18th St., between Third Ave. and Park Blvd., and in Park Blvd., between East 18th St. and East 21st Street.

The work will involve the installation of 27 ornamental, single lighting standards, together with foundations, lighting units, lamps, wire, conduit, cable, appurtenances and appliances. Plans and specifications obtainable from the office of City Engineer M. Auerbach upon deposit of \$5.

## BIDS WANTED

SAN FRANCISCO.—Until Jan. 21, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 22, for constructing a street lighting system on San Jose Avenue from Sickles

Avenue to the County Line.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of \$10.00.

Paul J. Ost, electrical engineer.

## 25—MACHINERY AND EQUIPMENT

## BIDS OPENED

FORT PECK, Montana.—Following bids received by the U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, Mo., under Bid No. 425-37-5, for furnishing operating equipment for Fort Peck Dam spillway gates, as follows:

(1) Mechanical operating machinery for sixteen spillway gates, complete in place;  
(2) Electrical equipment for spillway substitution, complete in place;  
(3) Electrical equipment for spillway gate operating machinery, complete in place.

Complete bids follow:  
McKiernan-Terry Corp., 15 Park Row, New York City.—(1) \$432,721; (2) \$10,300; (3) \$112,300; total, \$555,321. Bid based on condition that additional time will be allowed if acceptance of bid is beyond January 15, 1937.

Darvo Corp., Neville Island Station, Pittsburgh.—(1) \$439,600; (2) \$6,975; (3) \$115,250; total, \$561,825.

Koppers Co., Bartlett Hayward Division, Baltimore, Md.—(1) \$580,000; (2) \$117,000; (3) \$92,000; total, \$689,000.

Lakeaide Bridge & Steel Co., Milwaukee.—(1) \$655,050; (2) \$11,900; (3) \$131,500; total, \$798,450.

NePage, McKenny Co., 804 6th Ave. South, Seattle.—(1) no bid; (2) \$8,000; (3) \$95,500.

## CONTRACT AWARDED

LOS ANGELES.—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at \$19,685, awarded contract by the Metropolitan Water Dis-

Capital City  
Title Company

J. C. PALEN,

Manager

914 Seventh Street  
Sacramento : California

trict, for furnishing three 6½x10-ft. motor-operated, 7 ft. 11 in. g. slide gates for the Coppe Basin reservoir outlet on the Colorado River Aqueduct. Spec. No. 187.

#### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Customhouse, under Bid No. 868-87-122, for removing from railway cars on siding in the vicinity of either Ocean View siding, San Francisco, or Daly City, and transporting and delivering to Port Funston, the component parts of two 16-in. guns and their carriages:

Raymond N. B. Converse, San Francisco \$5,469.15  
 J. Saeell, Oakland 14,755.40  
 C. W. Thomas Drayage & Rigging Co., Inc. 16,043.65  
 W. R. Ballinger & Son, San Francisco 18,964.64  
 Hansen Bros., San Francisco 21,000.00  
 Farnsworth & Ruggles, S. F. 22,140.00  
 John McCarthy & Sor, S. F. 24,660.19  
 \*Bid not signed.

#### BIDS OPENED

**SAN FRANCISCO.**—Western Machinery Co. 760 Folsom St., at \$347 per month, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., under Bid No. 3090, for the rental of one air compressor for use on WPA projects, f.o.b. 1155 Page St.

Complete bids follow:  
 Western Machinery Co., S. F.—\$347.  
 San Bates Co., Oakland—\$375.  
 Machinery & Drill Steel Co., S. F.—\$400.  
 Edwin Anderson, S. F.—\$632.50.  
 W. D. Cowan—\$787.

#### BIDS OPENED

**LOS ANGELES.**—The following firms submitted identical bids to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, January 6, for furnishing:

- (1) 2 groups of 245 kv., 2000-amp., outdoor type disconnecting switches with insulators;  
 Alt. same, without insulators;
- (2) 11 groups of 345 kv., 6000-amp., outdoor type disconnecting switches with insulators;  
 Alt. same, without insulators;
- (3) Two 345 kv., 2000-amp., 3-pole, outdoor type disconnecting switches with insulators;  
 Alt. same, without insulators;
- (4) Four 345 kv., 200-amp., 3-pole, outdoor type grounding switches with insulators;  
 Alt. same, without insulators.  
 Spec. 2154.

Railway and Industrial Engineering Co.; Bowle Switch Co.; Pacific Electric Manufacturing Corp.; Delta Star Electric Co.—(1) \$8171; (1a) \$7789.40; (2) \$20,614; (2a) \$18,815.20; (3) \$3775; (3a) \$3,584.20; (4) \$2551; (4a) \$2428.80; combined bid \$35,111; combined bid less insulators, \$32,312.60. Allowance for omission of tests, \$50. Terms net.

General Electric Co.—(1) \$8171; (1a) \$7789.40; (2) no bid; (2a) no bid; (3) \$3775; (3a) \$3584.40; (4) no bid; (4a) no bid. Combined bid items (1) and (3) \$11,946; same less insulators, \$11,373.60. Allowance for omission of tests, \$50. Terms net.

#### BIDS OPENED

**SANTA CRUZ and Santa Clara Cos., Calif.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of four pneumatic tired dump trucks, 3-cy. capacity, for approximately 1600 hours each to be used in Santa Clara and Santa Cruz Counties:  
 (a) hand loading; (b) power loading  
 Pacific Truck Service, Inc., San

Jose: (a) \$210; (b) \$250.  
 E. G. Keeble, Jr., San Jose: (a) \$210 and \$230; (b) \$250.  
 Ed. F. Biggins, San Francisco: \$250.

Walter Arnold, San Francisco: (a) \$210 and \$230; (b) \$250.  
 A. Morton, Menlo Park: (a) \$210; (b) \$250.

H. E. Springer, San Francisco: \$250.

Jos. Calvano and M. E. Brown, San Francisco: (a) \$210; (b) \$250.

Daniel Gallagher, San Francisco: (a) \$210; (b) \$250.

F. Mullineux, Oakland: (a) \$210; (b) \$250.

Roy S. Thompson, Oakland: (a) \$210; (b) \$250.

W. F. Garb, Grimes: \$225.  
 Walton Fagot, Oakland: (a) \$210; (b) \$235.

J. Pine, Oakland: (a) \$205; (b) \$240.

K. I. Dowdy, San Francisco: (a) \$210; (b) \$250.

T. O'Brien, San Francisco: \$210.

M. E. Smiley, San Francisco: (a) \$210; (b) \$250.

Rock & Gravel Truck Co., Oakland: (Col. A) \$250; (Col. B) \$210; (Col. C) \$230.

A. G. Guaspari, San Francisco: \$250.

Richmond Const. Co., San Francisco: \$250.

Jas. B. Lane, Redwood City: (a) \$210; (b) \$250.

D. M. Pahey, Daly City: \$257.

C. W. Beguhl, Millbrae: \$3,025.

Belanger & Rivers and Edw. King

San Francisco: (a) \$210; (b) \$250.  
 Daniel C. McCabe, San Francisco: \$300.

Ashurst Bros., Hopland: \$298.

T. V. Van Winkle and H. W. Danhammer, Windsor: \$243.

Paul O. Nelson, Redwood City: (a) \$210 and \$230; (b) \$250.

C. E. Hals, Merced: (a) \$230; (b) \$250.

P. Sutsos, S. F.: (a) \$230 and \$210 (b) \$250.

Gus Sutsos, S. F.: (a) \$230 and \$210; (b) \$250.

#### BIDS OPENED

**LOS ANGELES.**—The following firms submitted substantially identical bids to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing:

- (1) 5 groups of 138 kv., 600-amp., outdoor type disconnecting switches with insulators;

(1 alt.) same, without insulators.  
 Bid No. 2155.

Pacific Electric & Manufacturing Co., and Railway & Industrial Engineering Co., bidding separately, (1) \$4140; (1 alt.) \$4493; (2) \$3285; (2 alt.) \$3629; allowance for omission of tests \$75; terms net.

Delta Star Electric Co., (1) \$4149; (2) \$3285; allowance for test omission \$75; terms net.

Bowle Switch Co., (1) total bid \$20,745; (2) total bid \$22,465; (2) total bid \$16,425; (2 alt.) total bid \$18,145; allowance for test omission \$75; terms net.

#### IMPERIAL COUNTY—10.1 MI. GRADE & SURF. (Cont.)

**IMPERIAL COUNTY.** Calif.—G. W. Ellis, 8240 Lankershim Blvd., North Hollywood, at \$78,029.55, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 10.1 mi. grading and surfacing with plant-mixed surfacing in Imperial County, between Sandia and Alamo River.

- The work involves:
- (1) 750 M. gals. water;
  - (2) 28,000 cu. yd. roadway excav., uncl.;
  - (3) 58,000 sta. yds. overhaul;
  - (4) 2,250 c.v. struc. excav.;
  - (5) 70 c.v. remove concrete;
  - (6) 531 sta. finishing roadway;
  - (7) 10,300 tons gravel base;
  - (8) 126 tons liq. asphalt, MC-2 (prime coat);
  - (9) 20,500 tons mineral aggregate (plant-mix surf.);
  - (10) 830 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mix surf.);
  - (11) 17,500 lbs. bar reinf. steel (structures);
  - (12) 201 c.v. Class A portland cement concrete (structures);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$125	\$150	\$125	\$150	\$150	\$100	\$100
(2)	30	25	30	20	20	20	25
(3)	01	005	01	01	02	01	01
(4)	1.00	1.50	1.30	1.50	1.30	1.10	1.75
(5)	5.00	4.00	4.50	3.00	5.00	3.00	4.00
(6)	8.00	4.00	4.00	3.00	10.00	10.00	7.00
(7)	80	110	115	100	110	1.60	1.40
(8)	20.00	20.00	22.00	27.00	21.00	21.00	20.00
(9)	1.35	1.55	1.60	2.20	1.85	1.85	2.10
(10)	18.00	19.00	20.00	19.00	20.00	21.00	20.00
(11)	65	65	65	65	66	66	66
(12)	22.00	27.00	23.00	20.00	30.00	28.00	25.00
(13)	10.00	9.00	9.00	8.00	9.50	7.50	8.50
(14)	40	40	75	25	40	25	25
(15)	50	50	1.00	40	50	30	30
(16)	70	75	1.25	75	80	40	50
(17)	1.00	1.00	1.50	1.75	1.00	50	75
(18)	50	1.00	1.00	70	70	30	1.00
(19)	2.00	1.50	1.25	1.50	1.50	1.75	1.00
(20)	25	25	75	50	50	50	60
(21)	3.00	2.50	3.00	3.00	2.50	3.00	2.00
(22)	1.00	2.00	2.00	2.00	2.00	2.00	1.00

(13) 80 lf. 42-in. standard reinf. conc. pipe;

(14) 1,130 lf. 12-in. CMP;

(15) 1,024 lf. 18-in. CMP;

(16) 84 lf. 30-in. CMP;

(17) 170 lf. 30-in. CMP siphons;

(18) 262 lf. remove pipe culverts;

(19) 200 lf. laminated guard railing;

(20) 215 lf. remove guard railing;

(21) 40 each, culvert markers;

(22) 52 each, culvert markers move and reset.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the Special Provisions.

Total bids follow:

(A) G. W. Ellis, North Hollywood—\$78,029.55.

(B) Oswald Bros., Los Angeles—\$84,637.75.

(C) R. E. Hazard & Sons, San Diego—\$88,640.75.

(D) E. C. Carroll, San Diego—\$94,564.30.

(E) Dimmitt & Taylor, Los Angeles—\$95,007.10.

(F) Basich Bros., Torrance—\$98,337.40.

(G) J. E. Dennis Constr. Co., San Diego—\$99,001.70.

Unit bids follow:

**28—FIRE EQUIPMENT**

**BIDS OPENED**

**FAIRFAX**, Marin Co., Calif.—Following bids received by the Fairfax City Council, L. A. Grosbauer, City Clerk, for furnishing a new fire engine equipped with either a 500-g.p.m. or a 100-g.p.m. capacity pump: \$1,900 P.M.

**Mack International Co.**, \$5,550.  
S. S. and W. W. Hirsch, \$5,278.84; alternate bid for Seagrave centrifugal pumper, \$4,878.45

**P. E. Van Pelt**, equipment on Ford V-8 chassis, \$3,991.33; equipment on International truck chassis, \$4,292; equipment only, \$3,060.  
100 G.P.M.

**Mack International Co.**, \$4,750.  
S. S. and W. W. Hirsch, \$4,250.  
P. E. Van Pelt, deduct \$736 from any quotation on 500-g.p.m.

**29—STREETS AND HIGHWAYS**

**BIDS WANTED**

**SAN MATEO COUNTY**, Cal.—Until January 21, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under S. F. W. D. Spec. No. 136, for the construction of improvements at the Pulgas Outfall, the westerly terminus of the Hetch Hetchy Aqueduct, about five miles west of Redwood City in San Mateo County.

The work consists of excavation and grading; paving roadways and footwalks; construction of a reinforced concrete pool, approximately 40 ft. wide and 120 ft. long; construction of a reinforced concrete pump building, approximately 10 ft. by 10 ft. in plan; construction of a reinforced concrete weir with appurtenant works; installation of an automatic pumping unit and pressure system, and installation of piping for a water system.

The work involves:

- (1) 2,500 c.y. grading for landscaping, parking area road roads;
- (2) 125 c.y. excavation and backfill for structures and small pipe trenches;
- (3) 110 c.y. concrete work;
- (4) 11,000 lbs. furnishing and placing reinforcing bars;
- (5) 60,000 sq. ft. paving parking area and roads;
- (6) 3,000 sq. ft. surf. foot-walks;
- (7) Lump sum, installing weir plate and miscellaneous fittings;
- (8) Lump sum, furnishing and installing pumping unit and water pressure system;
- (9) 1,000 lf. furnishing and installing 1½-in. standard galvanized wrought steel pipe;
- (10) 350 lf. furnishing and installing 2-in. do.;
- (11) 106 lf. furnishing and installing 2½-in. do.;
- (12) 50 lf. furnishing and installing 3-in. do.;
- (13) 250 lbs. furnishing and installing stand. galv. malleable iron pipe fittings;
- (14) One 3-in. gate valves, furnishing and installing;
- (15) 8 each, furnishing and installing 2-in. gate valves and check valves;
- (16) 12 each, furnishing and installing 1-in. garden hose valves;
- (17) Lump sum, constructing reinforced concrete pump building.

Plans and specifications obtainable at Room 606, San Francisco Water Department, E. St., 855 Mason Street, San Francisco, upon deposit of \$10. N. A. Eckart, general manager and chief engineer.

**BIDS WANTED**

**LOS ANGELES**.—Until Jan. 25, 2 p.m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing, operating, and maintaining road-building equipment and constructing and repairing roads, in accordance with Spec. No. E-300. The site of the work is along the District's 230 kv. transmission line between Boulder Dam and the four District pumping plants known as Gene, Iron Mountain, Eagle Mountain and Hayfield. The work to be contracted for comprises the construction and repair of roads and the furnishing of road-building equipment, accessories, repairs, fuel oil, lubricating oil, operators, helpers, and other necessary labor, and all transportation, required in connection with the operating and maintaining of equipment herein specified.

Each proposal must be accompanied by a certified or cashier's check for \$1000.

**BIDS WANTED**

**SAN FRANCISCO**.—Until January 27, 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,969, for the improvement of Bemis Street between Castro and Maites Streets. Estimated cost, \$5,580.

The work involves:

- (1) 4,500 c.y. grading (excavation);
  - (2) 1,620 c.y. grading (embankment);
  - (3) 7 brick manholes, complete;
  - (4) 21 lf. 12-in. VCP sewer, in place;
  - (5) 823 lf. 8-in. VCP sewer, in place;
  - (6) 4 brick catchbasins;
  - (7) 80 lf. 10-in. VCP culvert, in place
  - (8) 36 8½-in. wye branches, in place.
- Plans and specifications obtainable from the office of City Engineer J. Casey, Room 351, City Hall, upon deposit of \$500.

**HUMBOLDT CO.—2.3 MI. GRADE & SURFACE—(State)**

**HUMBOLDT COUNTY**, Cal.—Poulos & McEwen, 2522 17th St., Sacramento, at 104,326.60 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with roadmix surfacing about 2.3 miles between Trinidad and McNeil Ranch, Humboldt County.

The work involves:

- (1) 18 acres clear and grub;
- (2) 515 M. gals. water;
- (3) 98,500 c.y. roadway excav. without classification;
- (4) 183,000 sta. yds. overhaul;
- (5) 1,500 c.y. struct. excav.;
- (6) 950 c.y. ditch and channel excavation;
- (7) 20,500 tons imported borrow;
- (8) 123 sta. finishing roadway;
- (9) 6,200 tons mineral aggregate (road-mix surf.);
- (10) 440 tons liq. asphalt, SC-4 (road-mix surf.);
- (11) 90 tons liq. asphalt, SC-1A (prime coat);
- (12) 45 tons liq. asphalt, 90-95 (seal coat);
- (13) 530 tons screenings (seal coat);
- (14) 47 c.y. Class A portland cement concrete (structures);
- (15) 3,000 lbs. bar (remf. steel);
- (16) 400 lf. 8-in. CMP;
- (17) 700 lf. 18-in. CMP;
- (18) 178 lf. 48-in. CMP, 8-gauge;
- (19) 198 lf. 60-in. CMP, 8-gauge;
- (20) 21 each, headwalls remove and dispose of;

- (21) 3,000 lf. 8-in. perf. metal pipe underdrains;
- (22) 4 each, perf. metal junction pipes;
- (23) 1,750 cu. rock filling material;
- (24) 3,900 c.y. quarry rock filling material;
- (25) 783 lf. exist. pipe culverts, remove, clean and salvage;
- (26) 6 each, spillway assemblies;
- (27) 30 each, culvert markers;
- (28) 5 each, guide posts;
- (29) 14 miles new property fence;
- (30) 6 each, drive gates;
- (31) 0.07 mile property fences, remove and reset;
- (32) 50 each monuments, complete in place.

Total bids follow:

- (A) Poulos & McEwen, Sacramento, \$104,326.60.
- (B) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, \$111,302.80.
- (C) Hemstreet & Bell, Marysville, \$111,991.30.
- (D) A. Teichert & Son, Inc., Sacramento, \$116,993.00.
- (E) Mercer-Praser Co., Eureka, \$117,803.50.
- (F) Fredrickson & Westbrook, Lower Lake, \$118,984.80.
- (G) Harshorn Co., San Francisco, \$135,361.95.
- (H) Harms Bros., Sacramento, \$136,826.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$500.00	\$350.00	\$409.00	\$330.00	\$340.00	\$1000.00	\$1500.00	\$900.00
(2)	1.50	2.00	1.50	2.00	1.50	2.00	2.00	1.50
(3)	375	44	40	36	44	32	40	47
(4)	.005	.01	.01	.005	.01	.004	.005	.01
(5)	1.50	2.00	1.50	1.50	1.00	1.80	1.50	1.50
(6)	60	80	1.00	1.00	1.00	1.80	1.25	1.00
(7)	58	70	65	1.10	75	70	70	.85
(8)	10.00	6.00	10.00	6.00	10.00	9.00	8.00	8.00
(9)	.75	1.00	1.10	1.40	1.25	1.70	1.20	2.25
(10)	21.00	22.00	22.50	24.00	26.00	20.00	27.00	22.00
(11)	19.00	18.00	15.00	20.00	22.00	18.00	25.00	18.00
(12)	22.00	23.00	26.00	28.00	29.00	22.00	30.00	25.00
(13)	3.99	4.00	5.00	4.00	4.25	3.00	4.00	3.00
(14)	35.00	40.00	35.00	30.00	35.00	60.00	45.00	30.00
(15)	.10	.10	.08	.07	.07	.12	.07	.08
(16)	1.00	1.20	1.10	1.15	1.00	1.25	1.25	1.00
(17)	1.65	1.80	2.10	2.00	1.75	2.00	2.00	2.25
(18)	12.00	10.00	12.00	11.50	11.00	11.00	10.00	10.00
(19)	18.50	14.00	16.00	15.00	14.00	16.00	15.00	13.00
(20)	10.00	10.00	5.00	5.00	12.00	7.00	5.00	10.00
(21)	1.00	1.00	1.10	1.15	.90	1.25	1.25	1.10
(22)	30.00	20.00	25.00	25.00	22.00	30.00	20.00	20.00
(23)	2.75	2.30	3.50	3.50	2.90	4.00	2.80	3.00
(24)	1.25	1.00	1.25	1.25	1.43	1.25	1.50	1.50
(25)	.70	.63	.60	.50	.50	.60	.65	.50
(26)	20.00	20.00	17.50	15.00	13.00	17.00	15.00	15.00
(27)	2.50	2.50	3.00	3.00	2.00	3.00	2.00	3.00
(28)	5.00	5.00	3.00	3.00	2.00	3.00	2.00	3.00
(29)	600.00	570.00	650.00	650.00	840.00	800.00	750.00	700.00
(30)	20.00	20.00	25.00	22.50	23.00	19.00	20.00	20.00
(31)	400.00	375.00	500.00	550.00	600.00	800.00	300.00	500.00
(32)	3.00	3.00	3.00	3.50	3.00	4.00	3.00	3.00

**CONTRACT AWARDED**

**MOHAVE CO., ARIZ.**—Lee Moor Contracting Co., Bazaar Tower Bldg., El Paso, Texas, awarded the contract by the Arizona State Highway Commission, Phoenix, Arizona, Jan. 5th, at \$132,968 (alternate bid, \$130,348), for highway construction on the Kingman-Boulder Dam Highway, F. A. 123 (1937); A.F.E. The work, which is to begin about 16 miles northwest of Kingman and extend northwesterly about 10 miles, consists of grading, draining, and the furnishing and placing aggregate base course and asphaltic surface treatment, and is to be completed on or before October 15, 1937.

The principal items and approximate quantities are:

- 41,500 c.y. roadway excavation;
- 22,500 c.y. drainage excavation;
- 12,800 l.f. grader ditches;
- 2,800 c.y. structural excavation;
- 28,300 c.y. borrow;
- 29,700 sta. yds. overhaul;
- 200 c.y. mile haul;
- 34,500 c.y. imported borrow;
- 27,800 tons aggregate base course;
- 6,500 c.y. stripping pits;
- 369 M. gals. sprinkling;
- 1,100 hours rolling;
- 1,690 c.y. concrete;
- 163,100 lbs. reinf. steel;
- 3,948 l.f. CMP (6 sizes);
- 104,400 l.f. line fence;
- 134,100 gals. SC-2 road oil;
- 1,800 tons cover coat (conc. sand);
- 53 MBM treated timber;
- 3 MBM untreated timber;
- 48 each placing piles in framed bents.

**ALT. ITEM:** 60 MBM redwood timber.  
Pearson and Dickerson, Prescott, submitted the second low bid at \$134,481 (no alternate bid).

**BIDS WANTED**

**MARIPOSA CO., Arizona.**—Until January 20, 2 p.m., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, for construction of the Ajo-Gila Bend Highway, W.F.S.S. 120, AFE 616.

The work, which is to begin at the Maricopa County line about 9 miles north of Ajo and is to extend northerly a distance of about 7.3 miles, consists of grading, draining and the furnishing and placing of aggregate base course and asphaltic surface treatment, and is to be completed on or before September 30, 1937. The principal items and approximate quantities are:

- 9,500 c.y. roadway excav.;
- 11,700 c.y. drainage excav.;
- 15,500 l.f. grader ditches;
- 600 c.y. structural excav.;
- 64,400 c.y. imported borrow (CIP);
- 19,300 tons aggregate base course (CIP);
- 2,500 c.y. stripping pits;
- 150 M. gals. sprinkling;
- 900 hours rolling;
- 567 c.y. Class A concrete;
- 72,100 lbs. reinforcing steel;
- 940 l.f. C. M. pipe (4 sizes);
- 600 l.f. rail bank protection;
- 800 l.f. grading and constructing roads to section;
- 94,600 gal. SC-2 road oil;
- 1,290 tons cover coat (concrete sand);
- 817 l.f. steel piles (H-column);
- 31 each driving piles (steel H-column).

Plans may be obtained at the office of the State Highway Engineer, T. S. O'Connell, 17th Ave. and Jackson St. Certified or cashier's check for 5% must accompany each proposal.

**LOW BIDDERS**

**IMPERIAL CO., Calif.**—G. W. Ellis, 8240 Lankershim Blvd., North Hollywood, at \$78,029, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles,

for about 10.1 miles grading and surfacing with plant-mixed surfacing in Imperial County, between Sandia and Alamo River.

The three low bids follow:  
G. W. Ellis, North Hollywood.....\$78,029  
Oswald Bros., Los Angeles..... 84,637  
R. E. Hazard & Sons, San Diego..... 88,640

**CONTRACT AWARDED**

**COCONINO CO., Ariz.**—G. C. Clay Gates, Thermopolis, Wyo., at \$18,122.40, awarded contract by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, for placing metal plate guard rail on Sections A, B, C, D and E, of the Cameron-Desert View Approach Road to Grand National Park, Coconino Co., requiring 16,780 l.f. metal plate guard rail.

**CONTRACT AWARDED**

**YUMA CO., Arizona.**—N. G. Hill & Co., Phoenix, at \$27,943, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Yuma-Phoenix Highway. The work is located near Stoval, approximately halfway between Yuma and Gila Bend, and consists of widening and resurfacing 1.66 miles of the present road.

**SANTA CRUZ CO.—ZAYANTE CREEK BRIDGE—(Cnty.)**

**SANTA CRUZ COUNTY, Calif.**—Earl W. Heple, 494 Dolans Avenue, San Jose, at \$15,335 submitted low bid and awarded contract by Santa Cruz County Board of Supervisors, H. E. Miller, Clerk, Court House, Santa Cruz, for the construction of a reinforced concrete bridge, 108 feet long with a 24-foot roadbed, across Zayante Creek, near Felton Railroad Station, San Lorenzo Road District.

The work involves:

- (1) 300 c.y. struct. excav. unclass.;
- (2) 362 c.y. class A concrete;
- (3) 22 c.y. class S concrete in railing;
- (4) 62,000 lbs. reinforcing steel;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 5.45	\$ 2.50	\$ 4.00	\$ 7.00	\$ 4.00	\$ 5.00	\$ 9.00	\$ 2.00
(2)	21.00	20.50	25.60	23.00	26.00	24.00	24.00	28.00
(3)	50.00	60.00	50.00	45.00	45.00	40.00	34.00	60.00
(4)	.05	.05	.06	.055	.056	.065	.055	.055
(5)	57	60	25	45	50	75	40	120
(6)	24.00	60.00	18.00	40.00	20.00	34.00	50.00	70.00
(7)	500.00	400.00	200.00	229.00	1200.00	625.00	1500.00	1000.00

Lloyd Bowman, County Surveyor.

**MARIPOSA COUNTY—BIG OAK FLAT TUNNEL—(Govt.)**

**MARIPOSA COUNTY, Calif.**—Sam Orino, Bonnevill, Oregon, at \$364,530 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for the construction of approximately 0.504 mile of tunnel and portal cut, Section A5, Rte. 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:

- (1) 0.6 acre clearing;
- (2) 0.6 acre grubbing;
- (3) 2,450 c.y. unclass. excavation;
- (4) 168 c.y. do. for structures;
- (5) 175 lbs. struc. steel (adit hand-rail);

	(A)	(B)	(C)	(D)	(E)
(1)	\$1000.00	\$ 750.00	\$ 600.00	\$ 500.00	\$ 500.00
(2)	600.00	400.00	450.00	200.00	300.00
(3)	2.00	2.00	3.00	4.00	1.50
(4)	4.50	5.00	4.50	7.00	2.50
(5)	25	25	25	25	10
(6)	25.00	25.00	28.00	22.50	20.00
(7)	7.00	6.00	8.00	4.00	4.00
(8)	150.00	155.00	154.00	190.00	110.00
(9)	35.00	40.00	40.00	19.00	45.00
(10)	8.00	10.00	8.00	10.00	7.00
(11)	5000.00	5000.00	5000.00	5000.00	5000.00

**BIDS REJECTED**

**SAN FRANCISCO.**—The Department of Public Works, City Hall, has rejected the only bid received under Spec. No. 18,795, that of E. J. Treacy, at \$1,798.66, for the improvement of the southerly intersection of Barneveld Ave. and Rickard St. and improvement of Rickard St. between Barneveld Ave. and San Bruno Ave.

**BIDS WANTED**

**ALAMEDA COUNTY, Calif.**—Until January 22, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under S. F. W. D. Spec. No. 134, for paving roadways at Sunol Water Temple in Alameda County.

The work involves:

- (1) 7,700 sq. yds. preparing sub-grade
- (2) 8,500 sq. yds. paving with ¾-in. emulsified asphalt wearing surface.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, San Francisco, upon deposit of \$500.

N. A. Eckart, general manager and chief engineer.

**SANTA CRUZ CO.—ZAYANTE CREEK BRIDGE—(Cnty.)**

- (5) 900 l.f. Redwood timber piles, delivered;
- (6) 26 piles, driven;
- (7) Removal of old structure.

Total bids follow:

- (A) Earl W. Heple, San Jose, \$15,335.00
- (B) Sam Sciarino, Sa Jose, \$15,711.50
- (C) Granite Const. Co., Watsonville, \$16,475.50
- (D) Acme Const. Co., Oakland, \$16,923.00
- (E) W. J. Tobin, Oakland, \$17,470.
- (F) F. O. Hohnett, Campbell, \$17,642.
- (G) Bargarini & Orselli, Berkeley, \$19,230.00
- (H) A. Soda & Son, Oakland, \$20,094.00

Unit bids follow:

- (A) 621 c.y. Class A cement stone masonry;
- (7) 702 c.y. hand-laid rock embank.
- (8) 2,167 l.f. tunnel excavation;
- (9) 170 l.f. adit excavation;
- (10) 180 c.y. chamber excavation;
- (11) Timbering (force account).

- (A) Sam Orino, Bonnevill, \$364,530.
- (B) Shofner & Gordon and Hinman Bros. Const. Co., L. A., \$375,687.
- (C) Colonial Const. Co., Spokane, \$378,741.75.
- (D) Case Const. Co., Alhambra, \$449,980.45.
- (E) Engineer's estimate, \$272,100.50.

Unit bids follow:

**30—RESERVOIRS & DAMS****BIDS OPENED**

**WHITE SALMON, Wash.**—Soule & Walters, Elma, Wash., at \$15,964.87 on treated wood pipe, and at \$16,188.87 and \$17,728.87 on alternate steel pipe, submitted low bid to the White Salmon Town Council for the construction of a 590,000-gal. reinforced concrete reservoir and connecting pipelines and an overflow line.

**Benjamin F. Sheldon, Ontario,** at \$18,669.50 on treated wood, and at \$20,082.60 for steel pipe, submitted second low bid. **Eugene Reudy Co., Portland,** at \$19,026 on wood, and at \$22,116.90 for steel, submitted third low bid.

**Beasley & Stoehr, 431 Railway Exchange Bldg., Portland, engineers.**

The reservoir will be part of a new water system to cost approximately \$100,000, which will include laying of approximately eight miles of 12-inch supply lines, an intake dam, and crossing at the White Salmon River, and connecting and overflow lines.

**CONTRACT AWARDED**

**LOS ANGELES.**—Marko Matlick, 1209 Colorado Blvd., Los Angeles, at \$11,849, awarded contract by the Los Angeles Water and Power Commission, for the installation of Fletcher Drive Pumping Plant Inlet and outlet mains under PWA Docket No. 1929-F, Units 51 and 52, Spec. No. X-82.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Jan. 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,008 for the improvement of Mendell St. between Innes and Jerrold Avenues. Est. cost, \$6,077.50.

The work involves:

(1) 10,300 cu. y. grading and excava.; (2) 7,500 sq. ft. 4-in. waterbound macadam pavement.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of \$10.00.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****PLANNED**

**BAKERSFIELD, Kern Co., Calif.**—City Engineer Joe Holfelder has estimated the cost of installing storm drains at \$61,275.

**TO PREPARE PLANS**

**BAKERSFIELD, Kern Co., Calif.**—City Engineer Joe Holfelder has been instructed by the City Council to prepare plans and specifications for a new sewage disposal plant. About six months will be necessary to complete the plans.

**CONTRACT AWARDED**

**WICKENBURG, Arizona.**—Arizona Concrete Co., Phoenix, submitted the low bid and was awarded the contract by the town of Wickenburg, at \$45,692.55, for construction of sewerage works.

The other bids were:  
**Phoenix-Tempe Stone Co.,** \$52,044.01  
**Tiffany Const. Co.,** \$59,907.86

**CONTRACT AWARDED**

**NEWPORT BEACH, Orange Co., Calif.**—Drainage Constr. Co., 3096 Cedar St., Lynwood, at \$327,743, submitted low bid and awarded contract (subject to PWA approval) by the Newport Beach City Council, for constructing a vitrified clay sewage collection system, sewage pumping stations, and a disposal plant.

Plans prepared by City Engineer R. L. Patterson and the Currie Engr. Co., San Bernardino.

The three low bids were:

**Drainage Constr. Co.,**  
**Lynwood** ..... \$327,743  
**Los Angeles Decomposed**  
**Granite Co., L. A.** ..... 342,813  
**Gogo & Rados, Los Angeles**..... 356,004

**BONDS VOTED**

**ELKO, Nev.**—Bonds in the amount of \$35,000 were voted at a special election here to finance miscellaneous city street improvements. The bonds are to be advertised for sale immediately.

**33—WATER WORKS****CONTRACT AWARDED**

**LOS ANGELES.**—Bennett & Taylor, 1041 Venice Blvd., Los Angeles, at \$13,571, awarded contract by the Los Angeles Water and Power Commission, for the construction of the York Blvd. pumping station under Specification No. X-60.

**BIDS REJECTED**

**LOS ANGELES.**—The Los Angeles Water and Power Commission rejected all bids for the installation of a 20-inch cast-iron water supply line under the main ship channel at San Pedro under Spec. No. X-53.

**BONDS VOTED**

**ELKO, Nev.**—Bonds in the amount of \$25,000 were approved at a special election here, to finance improvements to the municipal water system. Bonds will be advertised for sale immediately.

**34—PARKS AND PLAY-GROUNDS****BID OPENED**

**SAN GABRIEL, Los Angeles Co., Calif.**—Peterson Bros., Inglewood, at \$996, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding, planting, etc., of the grounds of the U. S. Post Office at San Gabriel.

**BIDS WANTED**

**WOODLAND, Yolo Co., Calif.**—Until Jan. 29, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Woodland.

Specifications may be obtained from the above office and from the Custodian of the Building, at Woodland.

**AWARD RECOMMENDED**

**SALINAS, Monterey Co., Calif.**—P. T. Wallstrum, Watsonville, at \$4,690, submitted the only bid received by the construction of fencing, sidewalks, sprinkler system, and lawn at the site of the Washington School.

**Charles E. Butner, Glickburg Bldg., Salinas, architect.**

The School Board has recommended to the PWA that the contract be awarded Mr. Wallstrum.

**BID OPENED**

**RENO, Nevada.**—J. P. Schopper & Sons, 45 Part Street, Reno, at \$1250, submitted only bid to the Procurement Division, Public Buildings Br., Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Reno.

**BIDS WANTED**

**HILASTER, San Benito Co., Cal.**—Until Feb. 2, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Hillister.

Specifications may be obtained

**35—TUNNELS****BIDS OPENED**

**YERBA BUENA ISLAND, Cal.**—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$6.85 per l.f. submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 568-37-130, for making approximately seven core borings on Yerba Buena Island at the reservoir site about 200 ft. west of the large rectangular concrete Naval reservoir on the top of the island.

The work involves:

- (1) 38 l.f. overburden drilling;
  - (2) 292 l.f. core drilling.
- Complete bids follow:  
**M. B. McGowan, Inc., San Francisco:** (1) \$6.85; (2) \$6.85.  
**Milton A. Purdy, Oakland:** (1) \$7.75; (2) \$7.75.  
**J. G. Gratton, San Francisco:** (1) \$8.90; (2) \$8.90.

**BIDS OPENED**

**SAN FRANCISCO.**—J. G. Gratton, 1995 Oak St., San Francisco, at \$3.00 per l.f. submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 568-37-127, for two core borings at Fort Funston Reservation.

Bids were taken as follows:  
(1) 290 l.f. core boring test holes;  
(2) 80 l.f. core boring, taking undisturbed samples.

Complete bids follow:  
**J. G. Gratton, San Francisco:** (1) \$3.00; (2) \$3.00.  
**J. B. Rogers Co., San Francisco:** (1) \$4.00; (2) \$4.00.  
**John Graves, Oakland:** (1) \$5.50; (2) \$5.50.

**BIDS WANTED**

**ALAMEDA-CONTRA COSTA Cos.,** Directors of Joint Highway District No. 13, Supervisors' Rooms, New Calif., until January 27, 11 a. m., new bids will be received by the Board of Court House, Oakland, under Schedule "C," for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel, and including all work not included in Schedule "A."

**Fred J. Early, Jr., 369 Pine St., San Francisco,** at \$498,862.50, submitted the lowest bid at the previous opening on December 9.

Plans and specifications obtainable from the office of Chief Engineer Wallace E. Boggs, 1448 Webster St., Oakland, upon deposit of \$50. of which \$40 will be returnable.

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No. 1

## NEVADA ROAD PROGRAM SET AT \$5,000,000

### Allen Announces Tentative Schedule Of Projects For the Next 12 Months

The Nevada state highway department has completed a tentative program for 1937 calling for expenditure of \$5,018,118, according to State Highway Engineer R. A. Allen. Expenditure of \$330,000 allotted the state by the federal government for secondary or feeder roads it not included in the total.

Following is a summary of the program as outlined by Allen:

New construction, gravel surface, 54.84 miles.....	\$ 388,135
Reconstruction, gravel surface, 10.11 miles.....	150,000
Reconstruction, roadmix surface, 26.62 miles.....	868,500
Reconstruction, plant mix surface, 78.26 miles.....	1,876,255
Reconstruction, retread, 1.8 miles.....	50,000
Roadmix surface, 188.22 mi.	478,690
Crossing signals.....	10,000
Crossing structures.....	265,000
Roadside improvements.....	37,285
Rural planning.....	28,285
General maintenance.....	706,535
Specific maintenance.....	110,000
Maintenance administration.....	49,450
<b>TOTAL.....</b>	<b>\$5,018,118</b>

### Funds for Counties

Total expenditures in each county were announced as follows:

Churchill.....	\$605,167
Clark.....	558,829
Douglas.....	96,615
Elko.....	846,890
Esmeralda.....	130,672
Eureka.....	118,860
Humboldt.....	397,838
Lander.....	39,884
Lincoln.....	575,582
Lyon.....	45,822
Mineral.....	37,627
Nye.....	392,865
Ormsby.....	14,090
Perkins.....	36,355
Storey.....	154,033
Washoe.....	483,754
White Pine.....	367,212

## DISTRICT SEEKS PIPELINE BIDS

Bids for construction of pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct distribution system were invited last week by the Metropolitan Water District. They will be opened February 11 in the district's Los Angeles office.

Work includes construction of about 1210 feet of 9-ft. 8-inch diameter and 551 feet of 7-ft. cast in place concrete pipelines. Work is divided under three schedules: Schedule 8-C, across San Gabriel Canyon just below Morris Dam; Schedule 9-C, across Monrovia Canyon in Monrovia; and Schedule 12-C, across Eagle Rock Canyon, north of Eagle Rock.

## Engineers License Board to Discuss Registration Law

The purpose, function and operation of the state civil engineers' registration law and land surveyors' license law will be discussed by members of the State Board of Registration for Civil Engineers at a meeting of the Structural Engineers' Association of Northern California, to be held at the Engineers' Club, Feb. 3.

Speakers will be President H. D. Dewell of the board; Vice-president Ralph J. Reed, and Asa G. Proctor. They will be assisted by H. M. Jones, secretary and Pecos H. Calahan, assistant-secretary.

Invitations to attend the symposium have been extended to members of the five engineering societies, corporation engineers and professors and students of the two nearby universities. Publicity Chairman William H. Pupert announces.

Following assembly, dinner will be held at 6 P. M. and the meeting at 7. Those intending to attend either the meeting or dinner are asked to notify Alfred P. Fisher, secretary-treasurer of the S.E.A.N.C.

## 7 MILLIONS ASKED FOR CALIF. JOBS

### Army Recommends Flood, Debris Control Projects On Sacramento

Expenditures aggregating approximately \$7,000,000 for work on California projects has been recommended by the U. S. Engineers as among those on which funds may profitably be spent during the fiscal year 1937-38.

Principal California projects recommended are: Sacramento river debris control, \$1,645,000; Sacramento river flood control, \$814,000; and Los Angeles and Long Beach harbor, \$1,375,000. Following are lists of the larger projects recommended:

<b>Flood Control</b>	
Mississippi River and tributaries.....	\$ 55,000,000
Emergency Work on Mississippi Tributaries.....	300,000
Sacramento River.....	814,000
Projects authorized in the Omnibus flood control act.....	56,532,000
<b>Rivers and Harbors</b>	
Cape Cod Canal, Mass.....	\$ 4,000,000
New York Harbor.....	1,200,000
Great Lakes to Hudson River waterway.....	10,000,000
New York and New Jersey Channel.....	5,000,000
Chesapeake and Delaware Canal.....	3,850,000
Caloosahatchee River and Lake Okeechobee drainage area, Florida.....	1,000,000
Black Warrior and Tom Bigbee River, Ala.....	1,684,000
Sabine - Natchez waterway, Texas.....	1,090,000
Louisiana - Texas Intra-coastal waterway (Sabine Riv.-Corpus Christi Section).....	1,900,000
Mississippi River bet. the Missouri River and Minneapolis.....	35,041,000
Illinois Waterway.....	7,934,000
Missouri River, Kansas City to Sioux City.....	18,600,000
Missouri River at Ft. Peck.....	8,706,000
Ohio River.....	1,050,000
Kanawha River, W. Va.....	2,480,000
Keweenaw Waterway, Michigan.....	1,800,000
Los Angeles and Long Beach Harbor.....	1,375,000
Sacramento River debris control.....	1,645,000
Bonneville Dam.....	6,974,000
Grays Harbor and Chehalis River, Wash.....	1,620,000

## GATE BRIDGE WORK RESUMES AFTER STORMS

**Lighthouse To Be Placed On South Fender; Paving Will Start Soon**

Work on the Golden Gate bridge again is progressing on schedule following unavoidable delay because of last week's storm conditions, according to the weekly progress report of Chief Engineer Joseph B. Strauss, on file today for the board of directors of the Golden Gate Bridge and Highway District.

Preparatory to completing the remainder of the Bethlehem Steel Company contract, the elevator from the south pier to the bridge deck level has been removed and structural steel is being erected in the space it has occupied. Riveting on the suspended structure also is at a point where the end is in sight.

Plans for the lighthouse structure, to be located on the south fender of the bridge, have been completed by the chief engineer and will be submitted to the board of directors at this week's meeting for final approval. Plans call for a structure 35 feet in height, upon which will be mounted the historic Fort Scott light that for years has served to guide mariners into the harbor.

### First On Bridge

At present the light is located on the tower structure where a temporary standard for its support was erected when construction reached the point where it was obscured in its original position. The light in its final location will be the first major lighthouse ever to be erected upon a bridge structure, according to span officials.

Before the end of the week, unless unforeseen conditions arise, the paving of the main span will be commenced at its center, where the form panels and reinforcing steel already are in place.

It is planned to pave from the center of the span, back to the towers on each side and, according to the engineer, the work, once under way, will proceed with great rapidity.

### Cable Wrapping

Cable wrapping operations are continuing in the second stage, the wrapping machines having completed the so-called "first pass" and having been back-tracked to wrap portions of the cables left exposed.

On the big arch over Fort Scott final steel was being placed this week at the floor level, while the concrete roof slab of the Marin anchorage, which will serve as the bridge deck, was being poured at the anchorage housing. Erection of the steel frame for the toll area structures was well under way.

## S. F. Inspectors Are Reassigned To Eight Districts

Reassignment of building inspectors to eight new districts in San Francisco has been announced by Superintendent Erle L. Cope of the Bureau of Building Inspection.

The reassignment was held up until inspectors could be appointed from the new eligible list for building inspectors and the city divided into districts which would enable the department to render the most efficient service to builders, Superintendent Cope stated.

Following is a list of the eight districts and inspectors appointed to each: Frank L. Schultz, district bounded by Pacific Avenue, Lyon Street and Waterfront; Lester C. Bush, Pacific Avenue, Van Ness Avenue, Eleventh and Howard Streets; James E. Donovan, Lincoln Way, Frederick, Du Boce and Market Streets, Van Ness, Pacific and Lyon; Bennett H. Bowley, Lincoln Way, Fifteenth Avenue, Junipero Serra Boulevard and County line.

### Engineer Inspectors

David L. Stewart, Fifteenth Avenue, Junipero Boulevard and County line. Mission, Monterey Boulevard and line drawn from Monterey and Ridgewood to southeast corner of Golden Gate Park; Andrew B. McKinne, Mission, Van Ness, Eleventh, Market, DuBoce, Frederick and border of Stewart's district; and William C. Hume, Howard, Van Ness and Waterfront; and Cornelius F. Dempsey, Mission, Army and Waterfront.

Other members of the Department of Building Inspection are: George S. Hill and John G. Little, structural engineering inspectors; George W. Marsh, Henry E. Shields and George L. Buckingham, special inspectors.

## CELOTEX ADDS TWO PRODUCTS TO LIST

The Celotex Corporation has become exclusive sales agents for Therman structural insulation and Absorbex acoustical corrective, having concluded negotiations to this effect with the Northwest Magnesite Co., it is announced.

Factories are located at Chewelah, Wash., where timber and refractory cement contained in the products are obtained, according to Sales Manager Harold Knapp. R. E. Bennett, formerly in charge of the Therman division of Northwest Magnesite Co., is working on distribution arrangements for the Celotex Corp., the announcement stated.

### OPENS OFFICES

Architect John D. Wagnert announces the opening of offices at 1700 Financial Center Building, Oakland. The telephone number is GLencourt 8094.

## U. S. PERMIT TOTAL BEST IN 6 YEARS

**December Building Reverses Usual Seasonal Trend, the Bradstreet Survey Shows**

Reversing the usual "slightly downward" seasonal trend in December, building permits issued in 215 cities of the United States last month showed a gain of 10.7 per cent over November and reached the highest December total in six years, according to the report of Dun & Bradstreet, Inc.

The permit total last month for cities reporting was \$83,562,063, as compared with \$62,992,039 in December, 1935, and \$75,506,623 in November, 1936. The December total was 32.7 per cent above that for the corresponding month in 1935.

New York City with a total of \$16,363,201 for December showed a drop of 8.1 per cent from November but an increase of 15.2 per cent above December, 1935.

At the 214 outside cities, building permits for December amounted to \$67,198,862, a gain of 16.5 per cent over the preceding month and 37.8 per cent above the same month a year ago.

### Largest Since '31

Although still below the records of former so-called prosperous years, the building industry has made considerable progress in the past three years. The volume of building permits at 215 cities for the full 12-month period of 1936 rose to \$980,501,615. This was the largest since 1931 when permits totalled \$1,158,963,273. The latest figure showed a gain of 64.3 per cent over the 1935 aggregate of \$596,686,708, and was more than three times the 1933 total of \$313,676,276. Increases over a year ago were reported by every geographical section of the country.

The building permit totals for the 215 cities for the twelve months of each of the past ten years, follow:

	Compared Previous Year
1936	+64.3
1935	+7.3
1934	+11.1
1933	-21.4
1932	-65.5
1931	-30.7
1930	-42.6
1929	-11.5
1928	-8.4
1927	-

## REILLY WILL FILL VACANCY ON BOARD

George R. Reilly, secretary-manager of the San Francisco Laundry Owner's Association, last week was named by Mayor Angelo Rossi to fill the vacancy on the board of supervisors created by the departure of Congressman Franck R. Havenner. The Congressman's term as supervisor would have expired in a year.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

72	Struthers	Owner	3000
73	Struthers	Owner	3000
74	Struthers	Owner	3000
75	Struthers	Owner	3000
76	Struthers	Owner	3000
77	Struthers	Owner	3000
78	Struthers	Owner	3000
79	Struthers	Owner	3000
80	Struthers	Owner	3000
81	Struthers	Owner	3000
82	Struthers	Owner	3000
83	Breeden	Barrett	1900
84	Strassburger	Barrett	2500
85	Kawner	Ratto	1000
86	Horgan	Oshanna	1250
87	Schefski	Owner	4000
88	Stewart	Owner	4000
89	Bal	Grant	1800
90	McClure	Muller	2000
91	Hunt	Wagner	3000
92	Steinberg	Unit	1400
93	Johnson	Owner	4000
94	Meyer	Owner	3800
95	Meyer	Owner	3800
96	Meyer	Owner	4200
97	Meyer	Owner	3800
98	Meyer	Owner	3800
99	Workmans	Woodcraft	1000
100	Ruggles	Jacks	6000
101	Bernhardt	Owner	3500
102	Bernhardt	Owner	3500
103	Struthers	Owner	3000
104	Struthers	Owner	3000
105	Schwartz	Owner	3500
107	Lindsay	Owner	3500
108	Lindsay	Owner	3500
109	Lindsay	Owner	3500
110	Lindsay	Owner	3500
111	Lindsay	Owner	3500
112	Doelger	Owner	3000
113	Cummings	Helbing	3500
114	Nelson	Owner	3000
115	Nilan	Barsotti	3500
116	Boedefeld	Rousseau	8000
117	Boedefeld	Rousseau	8000
118	Gall	Owner	5000
119	Grant	Lindgren	125000
120	Pagendarm	Siegrist	5100
121	Nichols	Stuart	6500
122	Whitney	Lindgren	4000
123	Nelson	Owner	3000
124	Nelson	Owner	3000
125	Hargett	Olea	3000
126	Hargett	Olea	3000
127	Hargett	Olea	3000
128	Bean	Augustine	2800
129	Helder	Barrett	14000
130	Kallo	Owner	3500
131	Pacific	Arras	1000
132	Ravaglioli	Owner	3500

Owner—Marshall T. Struthers, 4250 Mission  
 Architect—Not Given. \$3000

**DWELLING**  
 (77) NE SANTA FE, 164 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (78) NE SANTA FE, 242 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (79) NE SANTA FE, 60 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (80) NE SANTA FE, 112 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (81) NE SANTA FE, 191 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (82) NE SANTA FE, 268 SE SILVER. One-story frame dwelling.  
 Owner—Marshall T. Struthers, 4250 Mission.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (83) SE TAYLOR AND TURK. Alter stores.  
 Owner—John Breeden, care Contractor—Stuart  
 Contractor—Barrett & Hlpl, 918 Harrison.  
 Architect—Not Given. \$1800

**ALTERATIONS**  
 (84) SE TAYLOR AND EDDY STS. Alter stores.  
 Owner—J. Strassburger, 127 Montgomery.  
 Contractor—Barrett & Hlpl, 918 Harrison.  
 Architect—Hertzka & Knowles, 369 Pine St. \$2500

**ALTERATIONS**  
 (85) 3017 MARKET. Alter dwelling.  
 Owner—Thomas Lawther, Prem  
 Contractor—Victor E. Ratto, 4594 19th St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (86) 2491 MISSION. Alter restaurant.  
 Owner—Horgan & O'Halloran, Premises.  
 Contractor—John Oshanna 231 Stevenson.  
 Architect—Not Given. \$1250

**DWELLING**  
 (87) W SWEENEY, 175 N MERRILL. One-story and basement frame dwelling.  
 Owner—David Scheffel, 22 Arleta.  
 Architect—H. C. Peimann, 251 Kearny St. \$4000

**SHED**  
 (88) S BAY 22 W Stockton. One-story iron and steel shed.  
 Owner—Stearns Oxygen Co, 211 Bay Street.

Engineer—Jas. J. Walsh, 112 Market Street. \$4000

**ALTERATIONS**  
 (89) After restaurant. Alter restaurant.  
 Owner—Bal Tabarin, 1025 Columbus.  
 Architect—Not Given.  
 Contractor—Grant—Martineff Const. Co., 44 Mary Street. \$1800

**ALTERATIONS**  
 (90) 657 THIRD AVE. Alter dwelling.  
 Owner—Wm. McCune, premises.  
 Contractor—Miller & McGilla, 527 19th Avenue.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (91) SW FIRST and Natoma Sts. Alter warehouse.  
 Owner—Lilian W. Hunt, care 183 San Benito.  
 Contractor—Geo. Wagner, 181 South Park.  
 Architect—Not Given. \$3,900

**ALTERATIONS**  
 (92) 2650 MISSION ST. Alter store.  
 Owner—Steinberg Shoe Co., prem.  
 Contractor—The Unit - Blit Fixture Co., 243 7th.  
 Architect—Not Given. \$1400

**DWELLING**  
 (93) E 18th AVE. 80 N Wawona. One-story and basement frame dwelling.  
 Owner and Builder—S. F. Johnson, 800 Wawona St.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (94) NE TERESITA, 155 SE PORTOLA DRIVE. One-story and basement frame dwelling.  
 Owner—Meyer Bros, 753 Portola Dr.  
 Architect—Not Given. \$3800

**DWELLING**  
 (95) NE TERESITA, 235 SE PORTOLA DRIVE. One-story and basement frame dwelling.  
 Owner—Meyer Bros, 753 Portola Dr.  
 Architect—Not Given. \$3800

**DWELLING**  
 (96) SW LANSDALE AND JUANITA WAY. One-story and basement frame dwelling.  
 Owner—Meyer Bros, 753 Portola Dr.  
 Architect—Not Given. \$4200

**DWELLING**  
 (97) NE TERESITA, 260 SE PORTOLA DR. One-story and basement frame dwelling.  
 Owner—Meyer Bros, 753 Portola Dr.  
 Architect—Not Given. \$3800

**DWELLING**  
 (98) NE TERESITA, 160 SE PORTOLA DR. One-story and basement frame dwelling.  
 Owner—Meyer Bros, 753 Portola Dr.  
 Architect—Not Given. \$3800

**ALTERATIONS**  
 (99) 510-A VALENCIA. Alter restaurant.  
 Owner—Workmans Educational Association, 141 Albion St.  
 Contractor—Woodcraft Mfg Co., 45 Hallam St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (100) 285 SAN ANSELMO. Alter dwelling.  
 Owner—Dr Howard Ruggles, care contractor.  
 Contractor—Jacks & Irvine, 620 Market St.  
 Architect—Not Given. \$6000

## DWELLING

(101) E 17th AVE. 225 S Rivera.  
One - story and basement frame  
dwelling.  
Owner & Builder—Albert Bernhardt,  
924 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(102) E 17th AVE. 250 S Rivera.  
One - story and basement frame  
dwelling.  
Owner & Builder—Albert Bernhardt,  
924 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(103) NE SANTA FE 346 SE Silver.  
One - story and basement frame  
dwelling.  
Owner & Builder—M. T. Struthers,  
4250 Mission Street.  
Architect—Not Given. \$3,000

## DWELLING

(104) NE SANTA FE 320 SE Silver.  
One - story and basement frame  
dwelling.  
Owner & Builder—M. T. Struthers,  
4250 Mission Street.  
Architect—Not Given. \$3,000

## DWELLING

(105) E 47th AVE. 150 N Rivera.  
One - story and basement frame  
dwelling.  
Owner & Builder—S. A. Schwartz,  
305 Grant Avenue.  
Architect—C. O. Clausen, 746 46th  
Avenue. \$3,500

## ALTERATIONS

(106) W FIRST ST. 100 S Brannan.  
Alter warehouse.  
Owner & Builder—Southern Pacific  
Co., 65 Market Street.  
Architect—J. H. Christie, 65 Market  
Street. \$6,000

## DWELLING

(107) E. 25TH AVE., 25 S MO-  
RAGA. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(108) E. 25TH AVE., 175 S MO-  
RAGA. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(109) E. 33RD AVE., 100 S RIVERA.  
One-story and basement frame  
dwelling.  
Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(110) E. 25TH AVE., 50 S MORA-  
GA. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(111) E. 25TH AVE., 75 S MORA-  
GA. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$3500

## DWELLING

(112) E. 16TH AVE., 107 S ORTE-  
GA. One-story and basement  
frame dwelling.  
Owner—Henry Doelger Builder, Inc.,  
320 Judah St.  
Architect—Not Given. \$5000

## ALTERATIONS

(113) 3966 CLAY ST. Alter dwell-  
ing.  
Owner—Lupe R. Cummings, Prem.  
Contractor—Harold Helbing, 1310  
Lombard St.  
Architect—Henry C. Smith, Hum-  
boldt Bank Bldg. \$3500

## DWELLING

(114) S. DEMING, 270 E CLAYTON.  
One-story and basement frame  
dwelling.

Owner—Fernando Nelson & Sons,  
2901 19th Ave.  
Architect—Not Given. \$3000

## DWELLING

(115) N. NEWCOMB, 25 E MEN-  
DEL. One-story and basement  
frame dwelling.  
Owner—George J. Nilan, 1487 Que-  
sada.  
Contractor—A. Barsotti, 1499 Que-  
sada.  
Architect—Donnell E. Jaekle, 126  
Post St. \$3500

## FLATS

(116) E. MASONIC, 287 S WALLER.  
Two-story and basement frame  
flats.  
Owner—F. S. Boedefeld, care Con-  
tractor.  
Contractor—Oliver M. Rousseau, 321  
Kearny.  
Architect—Wm. F. Gunnison, 1666  
Golden Gate Ave. \$8000

## FLATS

(117) E. MASONIC AVE., 313 S  
WALKER. Two-story and basement  
frame flats.  
Owner—F. S. Boedefeld, care Con-  
tractor.  
Contractor—Oliver M. Rousseau, 321  
Kearny.  
Architect—Wm. F. Gunnison, 1666  
Golden Gate Ave. \$5000

## DWELLING

(118) W. 24TH AVE., 108 S OF  
OCEAN. Two-story and base-  
ment frame dwelling.  
Owner—R. F. Galli, 377 West Portal  
Ave.  
Architect—E. H. Denke, 1317 Hyde  
St. \$5000

## ADDITION

(119) NE GEARY AND MASON.  
Hotel addition.  
Owner—Grant Co., 114 Sansome.  
Contractor—Lindgren & Swinerton,  
Inc., 225 Bush St.  
Architect—D. D. Stone, 381 Bush St.  
Engineer—C. H. Snyder, 251 Kearny  
St. \$125,000

## WAREHOUSE

(120) 1072 BRYANT ST. Class C  
Warehouse.  
Owner—J. F. Pagendam, Prem.  
Contractor—F. R. Siegrist, 604 Mis-  
sion.  
Engineer—Norman B. Green, Sharon  
Bldg. \$5100

## DWELLING

(121) W. CASITAS, 300 N HAZEL-  
WOOD. Two-story and base-  
ment frame dwelling.  
Owner—Ward M. Nichols, care Con-  
tractor.  
Contractor—Stuart & Foster, 28 Har-  
ry St.  
Architect—C. O. Clausen, 746 46th  
Ave. \$6500

## ALTERATIONS

(122) GREAT HIGHWAY, EAST  
OF POINT LOBOS. Alter res-  
taurant.  
Owner—Whitney Bros., care Con-  
tractor.  
Contractor—Lindgren & Swinerton,  
Inc., 225 Bush St.  
Architect—Not Given. \$4000

## DWELLING

(123) S. DEMING, 300 E CLAY-  
TON. One-story and basement  
frame dwelling.  
Owner—Fernando Nelson & Sons,  
2901 19th Ave.  
Architect—Not Given. \$3000

## DWELLING

(124) S. DEMING, 270 E CLAY-  
TON. One-story and basement  
frame dwelling.

Owner—Fernando Nelson & Sons,  
2901 19th Ave.  
Architect—Not Given. \$3000

## DWELLING

(125) E. VICTORIA, 125 NORTH  
SHIELDS. One-story and base-  
ment frame dwelling.  
Owner—Hazel Hargett, 3055 Sacra-  
mento.

Contractor—R. A. Oles, 483 Valencia.  
Architect—C. M. Cook, 2363 33rd  
Ave. \$5000

## DWELLING

(126) E. VICTORIA, 150 NORTH  
SHIELDS. One-story and base-  
ment frame dwelling.  
Owner—Hazel Hargett, 3055 Sacra-  
mento.  
Contractor—R. A. Oles, 483 Valencia.  
Architect—C. M. Cook, 2363 33rd  
Ave. \$3000

## DWELLING

(127) E. VICTORIA, 175 NORTH  
SHIELDS. One-story and base-  
ment frame dwelling.  
Owner—Hazel Hargett, 3055 Sacra-  
mento St.  
Contractor—R. A. Oles, 483 Valencia.  
Architect—C. M. Cook, 2363 33rd  
Ave. \$3000

## DWELLING

(128) W GRAND VIEW AVE., 166  
N MORGAN ALLEY. One-story  
frame dwelling.  
Owner—T. J. Bean, care Contractor.  
Contractor—A. E. Augenstine, Jr.,  
182 Judson Ave.  
Architect—Not Given. \$2800

## SHOWROOM

(129) W. BAYSHORE BLVD., 100  
N CORTLAND. Class C Show-  
room.  
Owner—Wm. V. Helder, 351 Mont-  
gomery.  
Contractor—Barrett & Hilp, 918 Har-  
rison.  
Engineer—W. H. Ellison, 821 Market  
St. \$14,000

## FLATS

(130) SE MISSION, 108 SW FLOR-  
ENTINE. One-story frame flats.  
Owner—M. K. Kallo, 5457 Mission.  
Architect—Not Given. \$2500

## ALTERATIONS

(131) 1035 FOLSOM. Alter shop.  
Owner—Pacific Gear & Tool Works,  
Prem.  
Contractor—Adam Arras, 4008 18th  
Street.  
Architect—Not Given. \$1,100

## DWELLING

(132) W. HALE, 214 S BOWDOIN.  
One-story and basement frame  
dwelling.  
Owner—C. Ravalloli, 100 Hamilton.  
Architect—Not Given. \$3500

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
45	Eaton	Potter	3800
46	Winkler	Owner	2500
47	Hardie	Jackson	3100
48	Lowry	Nordstrom	8000
49	Crocker	Crocker	5000
50	Holmes	Parks	4500
51	Oehler	Joquin	2800
52	Oakland	Lvnn	7687
53	Baskin	Rubenstein	5500
54	Ferguson	Tulloch	2500
55	Banker	Redmons	2500
56	Banker	Paige	16000
57	McAuley	Peterson	1950
58	Clark	Peirce	5000
59	Eleston	Woolley	4000
60	Band	Flagg	5000
61	Robertson	Dynes	1800
62	Rich	Rich	2750
63	Rich	Rich	2750
64	Deasy	Owner	12000
65	Boyd	Owner	4800
66	Olive	Vukicevich	8500
67	Jonas	Brown	11000

0095 JEROME SWAMPWA 89  
59 Bergstrom McKittrick 12500  
70 Oakland Swanstrom 39225  
71 Hansen Danari 1000  
72 Laughlin Muller 3500  
73 Carwell Owner 1450  
74 Blachoff Owner 7000  
75 Perry Owner 4650  
76 Whalen Owner 5000  
77 Fox Hopper 1250  
78 Home Gabriel 4000  
79 McNiece Strong 6500  
80 Crawford Owner 4000

DWELLING  
(45) 2966 EL MONTE AVE., OAKLAND. One-story 5-room dwelling.  
Owner—E. H. Eaton, Prem.  
Contractor—A. W. Potter, 6175 Overdale Ave.  
Architect—Not Given. \$3800

DWELLING  
(46) 1944 109TH AVE., OAKLAND One-story 5-room dwelling.  
Owner & Builder—Irving Winkler, 203 Best Ave.  
Garage, \$200.  
Architect—Not Given. \$2500

DWELLING.  
(47) 9423 BIRCH ST., OAKLAND. One-story 5-room dwelling.  
Owner—Richard Hardie, 9641 Birch Street.  
Contractor—C. A. Jackson, 1272 105th Ave.  
One-story frame garage, \$200.  
Architect—Not Given. \$3100

STORE  
(48) 2339 PERALTA ST., OAKLAND. One-story store.  
Owner—Florence B. Lowry, Prem.  
Contractor—David Nordstrom, 354 Hobart St.  
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley. \$5000

DWELLING  
(49) 5686 MAXWELTON DRIVE, OAKLAND. Two-story 6-room dwelling.  
Owner—Faith Crocker, 30 Wilding Lane.  
Contractor—H. L. Crocker, Jr., 30 Wilding Lane.  
Architect—Not Given. \$5000

DWELLING  
(50) 681 HILLDALE, BERKELEY. One-story 4-room frame dwelling and garage.  
Owner—Holmes, Prem.  
Contractor—R. F. Parks, 2104 Addison.  
Architect—E. L. Snyder. \$4500

DWELLING  
(51) 7960 FOOTHILL BLVD., OAKLAND. One-story 4-room dwelling.  
Owner—L. E. Oeppler, 1735 86th Ave.  
Contractor—M. Joaquin, 124 Harlan St.  
Architect—Not Given. \$2800

RECONSTRUCTION  
(52) SE COR. CHABOT RD. AND PATTON ST., OAKLAND. Reconstruct School.  
Owner—Oakland School District, 1025 2nd St.  
Contractor—Wills F. Lynn, 1037 Ashmount Ave.  
Architect—W. G. Corlett, 1025 2nd St. \$7687

GARAGE  
(53) 887-89-91 35th ST., OAKLAND One-story brick and tile garage.  
Owner—R. Baskin, 833 38th St.  
Contractor—K. Rubenstein & Sons, 665 6th St.  
Architect—Not Given. \$5500

WAREHOUSE  
(54) 531 JACKSON ST., OAKLAND One-story warehouse.  
Owner—Moran Pumphling Supply Co., 323 11th St., Oakland. \$12,000

Contractor—John F. Tullch, 335 8th Street.  
Plans by Robt. Fisher, Engineer. \$26,500

DWELLING  
(55) 1850 SONOMA, BERKELEY. One-story 4-room frame dwelling.  
Owner—A. H. Ferguson, 2313 Vine.  
Contractor—C. E. Rednour, 2144 Spaulding.  
Architect—Not Given. \$3500

RESIDENCE  
(56) 664 BLAIR AVE., OAKLAND. Two-story 8-room residence and garage.  
Owner—F. J. Banker, 465 Bellevue Ave., Oakland.  
Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.  
Architect—Michael Goodman, 2163 Center St., Oakland. \$16,000

ALTERATIONS  
(57) 155 INVERLEITH TERRACE, OAKLAND. Alterations.  
Owner—Mrs. McGauley, 2736 Grande Vista Ave., Oakland.  
Contractor—Olaf Peterson, 3626 Rhoda Ave., Oakland.  
Architect—Jillier & Warnecke, Financial Center Bldg., Oakland. \$1,950.00

DWELLING  
(58) 3957 OAKMORE RD., OAKLAND. One-story 5-room dwelling.  
Owner—Royal Clark, Prem.  
Contractor—J. Ralph Peirce, 3942 Woodruff Ave.  
Architect—Not Given. \$5000

DWELLING  
(59) 13000 BROADWAY TERRACE, OAKLAND. One-story 5-room dwelling.  
Owner—Dr. W. G. Eggleston, Prem.  
Contractor—E. F. Woolley, 3933 Fruitvale Ave.  
Architect—Not Given. \$4000

DWELLING  
(60) 1901 WOODHAVEN Way OAKLAND. One-story 5-room dwelling.  
Owner—S. W. Bond, Jr.  
Contractor—J. S. Flagg, 3387 Morcom Ave., Oakland.  
Architect—Not Given. \$5,000

ALTERATIONS  
(61) 700 BROADWAY, OAKLAND Alterations.  
Owner—A. K. Robertson, 2878 Telegraph Ave., Oakland.  
Contractor—L. C. Dynes, 363 10th St., Oakland.  
Architect—Not Given. \$1,000

DWELLING  
(62) 3508 KINGSLAND AVE., OAKLAND. One-story 5-room dwelling.  
Owner—G. Rich, 556 37th St., Oakland.  
Contractor—Jas. L. Rich, 556 37th St., Oakland.  
Architect—Not Given. \$2750

DWELLING  
(63) 3516 KINGSLAND AVE., OAKLAND. One-story 5-room dwelling.  
Owner—G. Rich, 556 37th St., Oakland.  
Contractor—Jas. L. Rich, 556 37th St., Oakland.  
Architect—Not Given. \$2750

DWELLING  
(64) 18 SANDRINGHAM ROAD PIEDMONT. Two-story 10-room dwelling and garage.  
Owner and Builder—Lucy Deasy, 1247 Trevelyan Glen Road, Oakland.  
Architect—Frederick Confer, 3147 Claremont, Oakland. \$12,000

DWELLING  
(65) 2126 TIFFIN ROAD, OAKLAND. One-story 6-room dwelling.  
Owner and Builder—Maud Boyd, 615 44th St., Oakland.  
Architect—Not Given. \$4800

GARAGE  
(66) 2024 SAN PABLO AVE., OAKLAND. One-story concrete garage.  
Owner—Albert Oliva, Mills Building, San Francisco.  
Contractor—M. E. Vukicerich, 666 Mission St., San Francisco.  
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. \$6500

ALTERATIONS  
(67) 1233 BROADWAY, OAKLAND. Alterations.  
Owner—M. Jones, 1235 Broadway, Oakland.  
Contractor—Henry Brown, 1387 East 32nd St., Oakland.  
Architect—Not Given. \$14,000

DWELLINGS  
(68) 2284-2300-2306 47th AVE., OAKLAND. Three one-story 5-room dwellings.  
Owner and Builder—A. E. Waldman, 3192 McIllopp Road, Oakland.  
Architect—Not Given. \$3500 each  
Also 3 1-story garages, \$250 ea.

WAREHOUSE  
(69) 1627 WILLOW ST., OAKLAND. One-story steel warehouse.  
Owner and Builder—Bergstrom Steel Co., Vernon, Calif.  
Architect—E. S. McKittrick, 5905 Pacific Blv., Huntington Park. \$12,500

ASSEMBLY HALL  
(70) 1753 MOUNTAIN BOULEVARD, OAKLAND. One-story assembly hall.  
Owner—Oakland Public Schools, 1025 2nd Ave., Oakland.  
Contractor—Geo. Swanstrom, 1615 75th Ave., Oakland.  
Architect—W. G. Corlett, 1025 2nd Ave., Oakland. \$39,225

MARKET BLDG.  
(71) 2020 SAN PABLO AVE., BERKELEY. One-story market bldg.  
Owner—Hazel A. Hansen, 1977 Hopkins St., Berkeley.  
Contractor—Danari & Swofford, 6515 Raymond St., Oakland.  
Plans by Peninsula Stores, Inc., 4221 Horton St., Emeryville. \$10,000

DWELLING  
(72) 1015 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—W. D. Laughlin, 149 Tamalpais, Berkeley.  
Contractor—T. E. Muller, 659 Creston Rd., Berkeley.  
Architect—C. C. Maybeck, 406 Russ Bldg., San Francisco. \$3,500

DWELLING  
(73) 958 PAGE ST., OAKLAND One-story 3-room frame dwelling.  
Owner and Builder—A. J. Cardwell, 761 Cedar, Berkeley.  
Architect—Not Given. \$1450

DWELLING  
(74) 398 VASSAR, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner and Builder—J. A. Bischoff, 2717 Russell, Berkeley.  
Architect—Not Given. \$7,000

DWELLING  
(75) 4125 FRUITVALE AVENUE, OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Jesse Perry, 2835 Morgan Ave.  
Architect—Not Given. \$4650

**DWELLING**  
 (76) 425 FLORENCE AVE., OAKLAND. One-story 6-room dwelling.  
 Owner & Builder—Whalen & Hufschmidt, 337 17th St.  
 Architect—Not Given. \$5000

**REPAIRS**  
 (77) 3206-22 GRAND AVE., OAKLAND. Repairs.  
 Owner—Fox West Coast Theatres, 958 Market St., San Francisco.  
 Contractor—Alfred J. Hopper, 1769 Pleasant Valley Ave.  
 Architect—Not Given. \$1250

**DWELLING**  
 (78) 4437 VIOLET ST., OAKLAND. One-story 5-room dwelling.  
 Owner—Home Loan Security Co., 1447 Franklin St.  
 Contractor—Walter N. Gabriel, 1447 Franklin St.  
 Also 1-story garage, \$250.  
 Architect—Not Given. \$4000

**DWELLING**  
 (79) 5351-53 YGNACIO AVE., OAKLAND. One-story 9-room two-family dwelling.  
 Owner—J. W. McNiece, Prem.  
 Contractor—Lawrence Strong, 429 Haight Ave., Alameda.  
 Architect—Not Given. \$6500

**DWELLING**  
 (80) 1399 DELAWARE, OAKLAND. Two-story 6-room frame dwelling.  
 Owner—Dr. M. N. Crawford, 1940 Acton St.  
 Architect—E. R. DeChene, 364 14th St., Oakland. \$4000

**RE-ROOF**  
 (81) 1102-32 WASHINGTON ST., OAKLAND. Re-roof.  
 Owner—Stanford University, Stanford, Calif.  
 Contractor—R. L. Reeves Roof Co., 721 El Camino Real, Palo Alto.  
 Architect—Not Given. \$2300

**BUILDING CONTRACTS SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.  
 8 Cummings Helbing 5690

**REHABILITATION**  
 (7) NW COR. CALIFORNIA AND BATTERY STS. Wash building and paint portions.  
 Owner—Babcock Estate Co.  
 Contractor—Gaetano C. Kratter, 2211 Yorba, San Francisco.  
 Filed Jan. 18, '37. Dated Jan. 11, '37.  
 75% on completion.  
 25% usual 35 days.

TOTAL COST, \$1,075.00  
 Bond, \$1,000. Surety, Standard Acc. Ins. Co. Limit, 2 weeks.

**ALTERATIONS**  
 (8) 3966 CLAY ST. Alter dwelling.  
 Owner—Lupe R. Cummings.  
 Architect—Henry C. Smith, Humboldt Bank Bldg.  
 Contractor—Harold Helbing, 1310 Lombard St., San Francisco.  
 Filed Jan. 20, '37. Dated Jan. 18, '37.  
 75% 1st and 10th of mo.  
 25% usual 35 days.  
 TOTAL COST, \$5,690.00  
 Bond, \$3300. Surety, Jennie Perry and John C. Helbing. Limit, 90 working days. Plans and specifications filed.

**ADDITIONS**  
 (6) FIFTH and Kirkham Streets, Oakland. Additions to a steel freight shed.  
 Owner—Southern Pacific Co. 65 Market St., San Francisco.  
 Architect—Not Given.  
 Contractor—Herrick Iron Wks. 18th and Campbell Sts., Oakland.  
 Filed, Jan. 19, '37. Dated, Jan. 11, '37

During month .....75%  
 Usual 35 days .....25%  
 TOTAL COST, \$382.00  
 Bond, \$382. Sureties, U. S. Guarantee Co. Limit, 110 days. Plans and specifications filed.  
**SERVICE STATION**

(7) 38th and MARKET STREETS, Oakland. One-story brick service station building.  
 Owner—Rubin and Annie Baskin, 883 38th St., Oakland.  
 Architect—Not Given.  
 Contractor—K. Rubenstein & Sons, 605 6th St., Oakland.  
 Filed, Jan. 19, '37. Dated, Jan. 18, '37.  
 Foundation in .....\$1250.00  
 Brick work up .....1250.00  
 Completion .....1250.00  
 Usual 35 days .....1250.00  
 Note .....500.00  
 TOTAL COST, \$5500  
 Forfeit, \$10 per day. Limit, 60 days. Plans and specifications filed.

**BUILDING CONTRACTS ALAMEDA COUNTY**

No. Owner Contractor Amt.  
 4 Schwartz Kaufenberg 9645  
 5 Regents West 4195  
 6 Southern Pacific Herrick 3582  
 7 Baskins Rubenstein 5500

**STORE BUILDING**  
 (4) EUCLID AVE. and RIDGE RD., BERKELEY. One-story frame store building.

Owner—Henry Schwartz, 13th and Broadway, Oakland.  
 Architect—Edw. F. Foulkes, 357 12th St., Oakland.  
 Contractor—Victor A. Kaufenberg, 80 E. 5th St., Pittsburg.  
 Filed Jan. 15, '37. Dated Jan. 16, '37.  
 75% labor and mat. on or before 6th day each month.  
 25% usual 35 days.

TOTAL COST, \$9645.00  
 Bond, \$9645. Surety, Standard Acc. Ins. Co. Limit, 45 days. Plans and specifications filed.

**COMPLETE LIBRARY STACKS**  
 (5) U. C. CAMPUS, BERKELEY. Completion Library Stacks.

Owner—Regents, U. of California.  
 Architect—W. P. Stephenson, Eng. Div., U. of Calif.  
 Contractor—M. G. West Co., 115 Front St., San Francisco.  
 Filed Jan. 19, '37. Dated Jan. 7, '37.  
 75% Completion.  
 25% Usual 35 days.

TOTAL COST, \$4,195.00  
 Bonds, Labor and Material, \$2,500; Performance, \$2,500. Surety, Maryland Casualty Co. Forfeit, \$10 per day. Limit, 90 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1,000**

ALTER flats, \$500; 2681 21st Street; owner, J. Sweeney, premises.  
 ALTER store and restaurant, 9900; owner, W. F. Rehder, 382 19th Avenue.  
 ALTER dwelling, \$350; 2965 21st St. owner, Jennie Goffre, premises; contractor, C. Ravaglio, 100 Hamilton.  
 SIGN, electric, \$250; 459 Turk St., owner, Hotel Vincent, premises; contractor, Novelty Elec. Sign Co. Inc., 419 Larkin St.  
 ALTER dwelling, \$300; 294 Yerba Buena Ave.; owner, M. C. Pistolesi, 209 Yerba Buena; contractor, 2530 Fillmore.  
 DWELLING, 1-story frame, \$700.00; N Toiga 175 E. Rutland; owner, Jas. G. Nicholas, 1799 Newcomb Alley.  
 ALTER dwelling, \$50; 199 Ocean Ave.; owner, Jos. Donnelly, 199 Ocean Ave.; contractor, John Marshall, 447 Mission St.  
 ALTER restaurant, \$325; 525 California; owner, Jack Troutman

premises; contractor, J. Oshanna 231 Stevenson St.  
 ALTER flats, \$850; 312-10 Guerrero St.; owner, F. Galloway, prem.  
 ALTER market, \$500; 1731 Fillmore St.; owner, Mercantile Properties Co., 155 Montgomery.  
 SIGN, electric, \$200; 407 Broadway; owner New Rix Hotel 407 Broadway; contractor, Wonderlite Neon Products Co., 170 Otis St.  
 FLUES, \$90; 407 Miguel St.; owner, L. Stevenson, 130 Merced; contractor, Walker Bros, 271 Connecticut.  
 SIGN, electric, \$150; 2950 16th St.; owner, L. S. Murry, premises; contractor, Pioneer Electric Co., 379 Van Ness Ave. South.  
 ALTER flats, \$800; 918 Broderick; owner, James Anderson, Prem.  
 SIGN, electric, \$400; 868 Folsom; owner, Betts Spring Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 ALTER store, \$100; 1729 Post St.; owner, Chang Hoy, 839 Kearny St.; contractor, Wong Chee Kee, 890 Washington.  
 ALTER sidewalk, \$492; 352 Taylor; owner, B. P. Oliver, 100 Montgomery; contractor, Barrett & Hulp, 918 Harrison.  
 ALTER dwelling, \$180; 1183 Gillman Ave.; owner, Emile Larissau, 1181 Gillman; contractor, Charles P. A. Simony, 2559 Harrison.  
 ALTER dwelling, \$25; 679-S 6th Ave.; owner, Paul Srok, 643 4th Ave.  
 SIGN, electric, \$200; 5939 24th St.; owner, Gadd's Market, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 ALTER cottage, \$250; 2621 Clement; owner, A. H. Nelson, 342 18th Ave.  
 GARAGE, private, \$200; 752 Faxon Ave.; owner, F. M. Pesterle, Prem.  
 FLUE, \$25; 4724 Geary Blvd.; owner, G. Sandberg, 425 20th Ave.; contractor, Leo Epp, 4745 Geary Blvd.  
 SIGN, electric, \$200; 240 Powell; owner, Beard's Men's Shop, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 SIGN, electric, \$200; 1143 Post St.; owner, A. & M. Service, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 FLUE, \$40; 791 Howard St.; owner, Leo Pockwitz, 417 Market St.; contractor, N. Abend, 1482 Ellis St.  
 ALTER cleaning and dyeing plant, \$250; 2829 24th St. (rear); owner, J. H. Rippe, 2841 24th St.  
 ALTER dwelling, \$400; 1370 Haight St.; owner, Edw. Butler, 1842 Lake St.; contractor, J. J. Irwin, 1940 Oak St.  
 SIGN, electric, \$400; 1875 Mission; owner, Tim Griffin's Van and Storage Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.  
 BILLBOARD, \$13; 325 Geary; and Parker; owner, Fester & Kleiser Co., 1675 Eddy St.  
 ALTER shop, \$400; 552 Golden Gate Ave.; owner, D. L. Breslau, Prem.; contractor, C. C. Newman, 507 Brannan.  
 ALTER apartments, \$200; 490 Colingwood; owner, R. S. Dowler, Prem.; contractor, Victor E. Ratto, 4594 19th St.  
 SIGN, electric, \$40; 1655 Fillmore; owner, Abels, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 ALTER restaurant, \$500; SW 15th St. and Mission; owner, E. W. Swartz, 191944 Mission; plans by G. A. Berger, 309 Valencia.  
 SIGN, electric, \$200; 306 Post St.; owner, Jenkel Davidson Optical Co., Prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.  
 ALTER apartments, \$200; 480-84-A Fell St.; owner, Ann Radke, 482 Fell St.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	Offices
2.—Bonds	11.—Ice and Cold Storage Plants
3.—Churches	12.—Power Plants
4.—Factories and Warehouses	13.—Public Buildings, Fire Houses and Jails
5.—Flats	14.—Residences
6.—Garages and Service Stations	15.—Schools
7.—Federal Buildings	16.—Banks, Stores and Theatres
8.—Club Buildings	17.—Wharves and Docks
9.—Hospitals	18.—Misc. Const.
10.—Hotels	20.—Misc. Supplies & Etc.

## 1—APARTMENTS

Plans Completed — Owner Taking Figures

APARTMENTS Cost, \$.....  
SAN FRANCISCO. Mission St., near  
Richland Ave.

Two-story frame and stucco apartment bldg. (four 3-room apts.), hardwood floors, tile baths, etc.  
Owner—A. R. Johnson, 3501 Mission Street.

Architect—D. E. Jaekle, 126 Post St. Mr. Johnson is now taking general figures.

Contract Awarded  
APARTMENTS Cost, \$19,000  
SAN JOSE, Santa Clara Co., Calif.  
S. Tenth St.  
New apartment building (8 apartments).

Owner—W. E. Oglesby, 1034 S. 7th St.

Architect—Not Given.  
Contractor—G. S. Carpenter, 31 April-act Ave.

Contract Awarded  
APT. HOUSE Cost, \$18,000  
WILLOW GLEN, Santa Clara Co.

One- and part 2-story stucco apartment building (eight 2-rm. apts.), tile baths, hardwood floors, shake roof, wood sash, warm air heat.

Owner—Winninger Estate.  
Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.  
Contractor—Wm. H. Schwartz, 321 South Eighth St., San Jose.

Sub Contracts Awarded  
APARTMENTS Cost, \$20,000  
SACRAMENTO, Sacramento Co., Cal.

N. St., bet. 9th and 10th Sts.  
Two-story brick and stucco apartment building (twelve 2-room and bath apartments).

Owner—P. C. Scampini, Sacramento. Architect—Not Given.

Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Plumbing—L. E. Plummer, 1019 J. St. Electric Wiring—Jack Thomas, 3216 L. Street.

Heating—Wagner Sheet Metal Wks., 2900 M St.

Foundations and Concrete — C. R. Fiedler, 2621 30th St.

Lumber—Capital Lumber Co., P.O. Box 1176.  
All of Sacramento.

## 3—CHURCHES

Sub Bids Being Taken

CHURCH Cost, \$25,000  
ORLAND, Glenn Co., Calif.

Church building  
Owner—Orland Community Church, Orland (A. G. McVay, Pastor).

Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Superintendent of Construction, Altered Johnson, Route 3, Orland, is now taking sub bids.

Contract Awarded.  
CHURCH Cost, \$15,000

TURLOCK, Stanislaus Co., Calif.  
One-story and basement church (chapel, social hall, and kitchen), hot air heat, maple and pine floors; refrigeration units.

Owner—Swedish Baptist Church. Architect—G. N. Hilburn, 1213 I St., Modesto.

Contractor—D. G. Niel, 177 Colombia St., Turlock.

Contract Awarded  
ALTERATIONS & ADDITIONS

Cost, \$7,000  
SAN FRANCISCO. 1140 Golden Gate Ave.

Alterations and additions to a synagogue.

Owner—Congregation Anshey Sfard. Architect—F. W. Dakin, 625 Market St., San Francisco.

Contractor—William Spivock, 544 Golden Gate Ave., San Francisco.

Bids Being Taken

ADDITION TO CHURCH Cost,.....  
SAN JOSE, Santa Clara Co., Calif.  
1445 Emory St.

Chapel addition to church.

Owner—Church of Jesus Christ of Latter-Day Saints (Bishop Verward L. Beckstrand), 1445 Emory Street.

Architect—Georgius Y. Cannon, 519 Security Bldg., Pasadena.

Bids are now being taken by Bishop Beckstrand.

## BIDS WANTED

ANAHEIM, Orange Co., Calif.—  
Architect Georgius Y. Cannon, 519 Security Bldg., Pasadena, has completed plans for a frame and stucco chapel building (3000 sq. ft.), to be built in Anaheim for the Church of Jesus Christ of Latter-Day Saints.

Owners are taking bids.

BIDS WANTED  
ANAHEIM, Orange Co., Calif.—  
Architect Georgius Y. Cannon, 519 Security Bldg., Pasadena, has completed plans for a frame and stucco chapel building (3000 sq. ft.), to be built in Anaheim for the Church of Jesus Christ of Latter-Day Saints.

Owners are taking bids.

Bids Wanted — To Close Jan. 27 and Feb. 4, 5 P. M.  
CHURCH Cost, \$55,000  
SAN FRANCISCO. Octavia and Pine Streets.

Three-story frame church (wood exterior).  
Owner—Buddhist Mission of North America.

Plans by G. G. Shimamoto, 1534 Geary Street.

Structural Engineer — C. Jefferson Street, 251 Kearny St.  
Structural steel bids are now being received until Jan. 27, 5 p.m.

General construction bids are now being received, also, until Feb. 4, 5 p.m.

## 4—FACTORIES &amp; WAREHOUSES

To Be Done By Day's Work  
ALTER WAREHOUSE Cost, \$6,000  
SAN FRANCISCO. W. First St., 100 ft. S. Brannan St.

Alter warehouse.  
Owner—Southern Pacific Co. 65 Market St., San Francisco.

Plans by the Engineering Dept. of Owner (J. H. Christie, Architect).

FIRE LOSS

ROSEVILLE, Placer Co., Calif.—  
Warehouse of the Skeels & Graham Construction Co. here was destroyed by fire January 17. Loss to plant and equipment, which were covered

by insurance, was estimated at \$60,000 by E. B. Skeels, P.O. Box K, Auburn. Seven trucks, a tractor, and other equipment damaged, as were a street-roller, oil distributor and a truck owned by the city of Roseville.

Sub Contracts Awarded

RETAIL PLANT Cost, \$20,000  
HAYWARD, Alameda Co., Cal. Watkins St., bet. B and C Sts.

One-story steel and brick distributing and repair plant (12,000 sq. ft.).

Owner—Peterson Tractor & Equipment Co. of San Francisco, 1175 Howard St., San Francisco.

Architect—Plans by the Engineering Department of Owner.

Contractor—C. S. Schwartz, 8219 Castro Valley Road, Hayward.

Plumbing—Ed. Nelson, 1257 B St., Hayward.

Glass—W. P. Fuller, 259 10th Street, Oakland.

Brick and Stone Work—J. Devillers, 1424 12th Ave., Oakland.

Lumber—Smith Lumber Co., 19th and Estuary, Oakland.

Mill Work—Melrose Lumber Co., 46th Ave. and E. 12th St., Oakland.

Hardware—E. A. Smith, 371 28th St., Oakland.

Painting—H. Van Dyke, 1156 Emory James Court, Hayward.

Structural Steel—Schraeder Iron Wks., 1247 Harrison St., San Francisco.

Bids In—Under Advertisment

WAREHOUSE Cost, \$.....  
SACRAMENTO, Sacramento Co., Cal.  
Front, Second, N and M Sts.

Reinforced concrete warehouse (124 x 50 ft.), corrugated iron roof.

Owner—Sacramento Northern Railway.

Architect—Not Given.  
Bids were received from the following contractors:

Holdener Constr. Co., 2608 R St., Sacramento.

Campbell Constr. Co., 800 R St., Sacramento.

W. C. Keating, 1121 24th St., Sacramento.

H. W. Robertson, 3004 F St., Sacramento.

W. E. Truesdale, 2116 H St., Sacramento.

Announcement will be made shortly.

To Be Done By Day's Work

WAREHOUSE Cost, \$12,500  
OAKLAND, Alameda Co., Calif. 1627 Willow Street.

One-story steel warehouse.  
Owner & Builder—Bergstrom Steel Co., Vernon, Calif.

Architect—E. S. McKettrick, 5905 Pacific Blvd., Huntington Park, Calif.

CONTRACT AWARDED

LOS ANGELES, Cal.—William P. Neil Co., 4814 Loma Vista Ave., will build a one-story steel frame factory building and shipping dock at 5900 Randolph St., for National Automotive Fibres, Inc. of Detroit.

Harry T. Miller, 4814 Loma Vista Ave., architect.

BIDS WANTED

SAN FRANCISCO.—Until January 28 2 p.m., as previously reported, bids will be received by the Board of State Harbor Commissioners, Frank J. White, Chief Engineer, Ferry Building, for the installation of steel rolling doors, paving and track work, electrical installation and water pipe installation on Piers 9 and 19. A PWA project.

Bids will be taken as follows:

- (1) Furnishing and installing steel rolling doors in Piers 9 and 19;  
 (2) Paving and track work, Piers 9 and 19;

- (a) All work except that included in Items b, c and d;  
 (b) 3,400 tons Topeka wearing surface, per ton;  
 (c) 1,000 tons bituminous base, per ton;  
 (d) 475 c.y. concrete base, per c.y.;
- (3) Electrical installation, complete;  
 (4) Water pipe installation, complete.

Bids may be submitted on the four contracts separately or combined.

Plans and specifications obtainable from the office of the engineer upon deposit of \$10 for each set of plans.

**Contract Awarded**  
**DISTILLERY** Cost, \$.....  
**SAUSALITO, Marin Co., Calif.**

Alterations to existing buildings and construction of a new group of buildings for whiskey distillery (reinforced concrete filter piles, concrete foundations, terra cotta tile walls, steel frame, copper and wood tanks, scales, cookers, etc.).

Owner—American Distillery, Sausalito.

Contractor—C. A. Immel, 24 Catalpa Ave., Mill Valley.

Structural steel work and steel grain storage bins awarded California Steel Products Co., NE Bay and Taylor Sts., San Francisco.

**Bids In—Held Unopened.**  
**PACKING PLANT** Cost, \$150,000  
**SAN FRANCISCO, SW Mariposa & Carroll Streets**

Four-story flat slab reinforced concrete coffee roasting and packing plant (80x190 feet) steel sash sprinkler equipment, structural glass, terra cotta, copper, inoleum floors, steel rolling and jack-knife doors.

Owner—Standard Brands of California (Mr. H. Henke, President), 245 11th Street.

Architect—E. A. Eames, 216 Pine St. Structural Engineer—W. H. Ellison, 121 Market Street.

Mechanical Engineer—F. L. Nemeck, 821 Market Street.

General bids were taken from the following selected list of contractors: Cahill Bros., 206 Sansome Street. P. J. Walker Co., 607 Sharon Bldg. Barrett & Hip, 918 Harrison St. Dinwiddie Const. Co., Inc., 210 Crocker Building.

MacDonald & Kahn, Financial Center Building.

Lindgren & Swinerton, 225 Bush St. The Austin Company, 516 18th St., Oakland.

All of San Francisco, unless otherwise noted.

Bids have been sealed and forwarded to eastern office of the owner to be opened. Announcement in about one week.

**FIRE LOSS**

NAPA, Napa Co., Calif.—Fire last week destroyed the lumber warehouse of Banks Building Supply Co. in Napa at an estimated loss to the plant and stock of between \$50,000 and \$100,000. Covered by insurance, the structure was to be rebuilt immediately, according to A. L. Banks.

**Contract Awarded**  
**WAREHOUSE, ETC.** Cost, \$26,500  
**OAKLAND, Alameda Co., Calif. 531 Jackson Street.**

One - story and mezzanine floor Class C reinforced conc. warehouse (office, display room and storage space) concrete floors, tar and gravel roofing, steel sash, metal rolling doors, wire fencing, etc.  
 Owner—Moran Plumbing Supply Co. 323 11th St., Oakland.

Engineer—Robert Flsher.  
 Contractor—John F. Tuilloch, 335 8th St., Oakland.

**Contract Awarded**  
**ADDITION** Cost, \$50,000  
**SOUTH SAN FRANCISCO, San Mateo Co., Cal. Linden Avenue.**  
 Concrete and steel addition to factory.

Owner—E. I. duPont de Nemours & Co. (David G. Kennedy, Plant Mgr.) Linden Ave., South San Francisco.

Architect—Not Given.  
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Structural Steel—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

**5—FLATS**

Plans Completed — Owner Taking Figures

**FLATS** Cost, \$.....  
**SAN FRANCISCO, Mission St., near Richmond Ave.**

Two-story flat building (two 5-room flats), hardwood floors, tile baths, etc.

Owner—A. R. Johnson, 3901 Mission Street.

Architect—D. E. Jaekle, 126 Post St. Mr. Johnson is now taking general figures.

Plans Being Revised

**FLATS** Cost, \$.....  
**SAN FRANCISCO, Cal. Vallejo and Leavenworth Sts.**

Two-story and basement frame and stucco flat building (two 6-room and 2 baths flats).

Owner—E. Mauberret.  
 Architect—Fabre & Hildebrand, 110 Suter St.

Bids will be figured in about one week.

Plans Being Figured — To Close

**FLATS** Cost, \$.....  
**SAN FRANCISCO, Calif. Filbert St.**

Three-story frame and stucco flat building; garage in basement, composition roof, wood sash, tile floors in baths.

Owner—W. E. Wessells, care Architect.

Architect—W. W. Wurster, 260 California St.

Plans are being figured by the following selected list of contractors: G. P. W. Jensen, 320 Market St. M. A. Little Co., 107 24th Ave. D. H. Gladstone, 557 Market St. Arthur Stahl, 1085 Monadnock Bldg., San Francisco.

**Contract Awarded**

**FLATS** Cost, \$8,000 each  
**SAN FRANCISCO, E Masonic Ave. 287 S Waller Street.**

Two-story and basement frame and stucco flat buildings.

Owner—F. S. Boedefeld, care contractor.

Architect—Wm. F. Gunnison, 3 666 Golden Gate Avenue.

Contractor—Oliver M. Rousseau, 321 Kearny Street.

**To Be Done By Day's Work**

**FLATS** Cost, \$3,000  
**STOCKTON, San Joaquin Co., Calif. 3310 Pacific Ave.**

Two-story frame and stucco flat building (4 flats).  
 Owner & Builder—T. E. Williamson, 1919 W. Rose St., Sacramento.  
 Architect—Not Given.

**6—GARAGES & SERVICE STATIONS**

**Contract Awarded**  
**GARAGE** Cost, \$6,000  
**OAKLAND, Alameda Co., Calif. 887 38th Street.**

One-story brick and tile garage bldg. Owner—R. Baskin, 883 38th Street, Oakland.

Architect—Not Given.  
 Contractor—E. Rubenstein and Sons 668 6th St., Oakland.

**Being Done By Day's Work**  
**SERVICE STATION** Cost, \$3,000  
**HEALDSBURG, Sonoma Co., Calif. 515 West Street.**

Gasoline service station. Owner and Builder—Merle Smith. Architect—John I. Easterly, Healdsburg and Santa Rosa.

**Being Done By Day's Work**  
**GARAGE** Cost, \$5,000  
**HEALDSBURG, Sonoma Co., Calif. One-story concrete garage.**

Owner—Leo Frediana, Healdsburg. Architect—John Easterly, Healdsburg and Santa Rosa.

**Bids In—Held Under Announcement**  
**GARAGE, ETC.** Cost, \$.....  
**OAKLAND, Alameda Co., Cal. East 14th and 96th Avenue.**

Steel frame coach maintenance garage bldg. and parking lot (corrugated iron roof, steel sash).

Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove St., Oakland.

Architect—Kent & Haas, Underwood Bldg., San Francisco.

Announcement will be made shortly.

**Contract Awarded**  
**GARAGE** Cost, \$6,500  
**OAKLAND, Alameda Co., Calif. 2024 San Pablo Ave.**

One-story concrete garage.  
 Owner—Albert Oliva, Mills Bldg., San Francisco.

Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.

Contractor—M. C. Vukicevich, 666

**Sub Contracts Awarded**  
**SERVICE STATION** Cost, \$.....  
**SAN FRANCISCO, California and Taylor Streets.**

Steel gasoline service station.  
 Owner—Standard Oil Co., 225 Bush St.

Plans by Engineering Department of Owner.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Plumbing—Scott Co., Inc., 243 Minna Street.

Plastering—Peter Bradley, 639 Brannan St.

Roof & Roofing Tyle—J. W. Bender Co., 1999 Bryant St.

**7—FEDERAL BUILDINGS**

**ARCHITECTS RETAINED**

**SALEM, Oregon—Courthouse Bldg.** Committee here voted to retain Architects Whitehouse & Church, Railway Exchange Bldg., Portland, as senior architects, and Knighton & Howell, U. S. Bank Building, Portland, as associate architects, to prepare preliminary plans to file with application for federal funds, for proposed courthouse. Estimated cost, \$100,000.

**CONTRACT AWARDED**

**VAN NUYS, Los Angeles Co., Cal.—George Morgan & Co., 107 N. Los Eren Ave., Los Angeles, at \$260, awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C. for painting exterior walls of the U. S. Post Office at Van Nuys.**

**LOW BIDDER**

**SAN PEDRO, Los Angeles Co., Cal.—General Fireproofing Company Washington, D. C. at \$3,990, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C. for metal counters,**



gates, shelving, etc., in the U. S. Post Office and Custom House at San Pedro.

**LOW BIDDER**

**ANAHEIM**, Orange Co., Calif.—Chamberlain Weatherstripping Co., Detroit, at \$718, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Anaheim.

**LATE LOW BIDDER**

**SAN PEDRO**, Los Angeles Co., Cal.—W. Pearce, 220 W. 40th St., New York City, at \$567, submitted the late low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of a new entrance at the U. S. Post Office and Custom House at San Pedro.

Complete bids follow:  
 W. Pearce, New York City.....\$567  
 Lewis Bros., Phoenix, Ariz..... 635  
 Henry L. Grohn, Decatur, Ill..... 669  
 Public Building Contractors,  
 Bronx, N. Y..... 684  
 Sarver & Zoss, Inc., Los  
 Angeles, Calif..... 745  
 Nick Hemminga, San Francisco. 785  
 The Contracting Engineer's Co.,  
 Los Angeles.....1,495

**SUB-BIDS WANTED**

**SAN FRANCISCO**. — A. Nelson, Inc., 242 Ocean Ave., desires sub-bids on all portions of the work for the construction of revisions on the 1st and 4th, 5th and 6th floors of the Federal Office Building, San Francisco, for which bids will be opened Jan. 29, 1 P. M.  
 Plans prepared by Supervising Architect, Treasury Dept., Washington, D. C.

**BID OPENING DATE POSTPONED**

**LOS ANGELES**, Calif.—Until February 23, 1:30 p. m. (date postponed from February 2), bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., under Spec. No. 1134, for construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles.

Work consists of one Male Domiciliary Barrack Building No. 212 (approx. 880,000 c.f.), one Male Domiciliary Barrack Building No. 213 (approx. 880,000 c.f.), one Male Domiciliary Barrack Building No. 214 (approx. 725,000 c.f.), one Male Domiciliary Barrack Building No. 215 (approx. 725,000 c.f.), one Female Domiciliary Barrack Building No. 220 (approx. 520,000 c.f.), etc.; also, work includes roads, walks, grading and drainage excavation, reinforced concrete, cut stone, stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, water-proofing, metal work, steel stairs, steel cabinets and shelving, tile and built-up roofing, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevators, outside service connections and distribution systems, etc. Separate bids will be received for (I) General Construction; (II) Plumbing, Heating, and Electrical Work; and (III) Electric Elevators.

Plans and specifications may be obtained from the construction services, Room 764, Arlington Building, Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit is necessary.

**BIDS REJECTED**

**REDDING**, Shasta Co., Calif.—The Procurement Division, Public Buildings Branch, Washington, D. C., re-

jected all bids and will readvertise shortly for platform scales at the U. S. post office, Redding. At previous bid opening Toledo Scale Co., Washington, D. C., submitted low bid at \$498.25. Complete bids published Dec. 24, 1938.

**BIDS OPENED**

**TEPPERESA**, Sacramento Co., Calif.—Following bids received by the State Division of Architecture, Geo. E. McDougall, State Architect, Sacramento, for structural steel work on the Spectators' Balcony, Folsom State Prison, Represa:

Palm Iron & Bridge Works, Sacramento—\$595; (Alt. 1) fabrication and delivery only, \$440; delivery in 15 days.

Schrader Iron Works, San Francisco—\$790; (Alt. 1), \$490; delivery, 15 days.

Golden Gate Iron Works, San Francisco—(Alt. 1), \$437; delivery, 10 days.

Herrick Iron Works, Oakland—(Alt. 1), \$437; delivery, 25 days.

**BIDS OPENED**

**SAN FRANCISCO**—Standard Conveyor Co., 355 Fremont Street, San Francisco, at \$590 submitted low bid to the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Proposal No. 1084-SC 37-2, for furnishing and installing one complete pneumatic tube system in the Headquarters Buildings, 9th Corps Area, Presidio.

Work includes a complete pneumatic tube system of 2½-in. diameter tubing, necessary compressor, two substations, carriers, and all incidental fittings, etc.

Complete bids follow:  
 Standard Conveyor Co., S. F.....\$590  
 Lamson Co., San Francisco..... 605  
 Electrical Communication Co.,  
 San Francisco..... 625  
 Bids held under advisement.

**Contract Awarded**

**POST OFFICE** Cont. Price, \$143,761

**PROVO**, Utah.

U. S. Post Office Building.

Owner—United States Government

Plans by the Supervising Architect,

Treasury Department, Washing-

ton, D. C.

Contractor—L. F. Dow Co., 111 West Seventh St., Los Angeles.

L. F. Dow Co. submitted the late low bid, which had not been received when complete bids were published Jan. 12.

**MATERIALS APPROVED**

**PORTLAND**, Ore.—Treasury Department approved following building material and equipment awards for the construction of a new Postland Postal Station, G. Isaacson Co., 334 Worcester Bldg., Portland, general contractors:

Pressure reducing valve, Mueller Co.; relief valve, Mueller Co.; indirect water heater, Excelsior Bldg. Co.; sinterware, Perfection Glass Co.; pendant switch, Leviton Mfg. Co.

**MATERIALS APPROVED**

**TRACY**, San Joaquin Co., Calif.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Tracy, K. E. Parker Co., San Francisco, general contractor; Electric wire, cooler, Halsey Taylor Co. in lieu of previous approval.

**BIDS OPENED**

**MONTEBELLO**, Los Angeles Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, at \$240, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing insect screens at the U. S. Post Office at Montebello.

Complete bids follow:

**Ceco Weatherstrip & Screen Products**, Chicago.....\$240  
**Chamberlain Metal Weather Strip Co.**, Detroit..... 318  
**Orange Screen Co.**, Maplewood..... 325  
**Corry Metal Corp.**, Corry, Pa..... 379  
**The Cincinnati Fly Screen Co.**, Cincinnati..... 398  
**The Robbins Mfg. Co.**, Chicago. 399

**BIDS WANTED**

**DENVER**, Colo.—Until Feb. 12, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous mechanical work at the U. S. Mint at Denver.

Specifications may be obtained from the above office. No deposit required.

**MATERIALS APPROVED**

**SAN DIEGO**, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at San Diego, M. H. Golden, San Diego, general contractor: Rubber covered wire, Crescent Wire & Cable Co.; flush switches, Pass & Seymour; clock system, Standard Electric Time Co.

**BIDS OPENED**

**WHITTIER**, Los Angeles Co., Cal.—Louis E. Hill, 249 E. 76th Place, Los Angeles, at \$474, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Whittier.

Complete bids follow:

Louis E. Hill, Los Angeles.....\$474  
 City Wide Lawn Service Co.,  
 Inglewood..... 487  
 Mission Nurseries & Florists,  
 San Gabriel..... 498  
 The Garden Center, L. A..... 498  
 Peterson Bros., Inglewood..... 628  
 Jannock Nurseries, Pasadena,  
 Calif..... 642.50  
 L. B. Warrick Nurseries,  
 Whittier..... 872.85

**BIDS OPENED**

**SAN PEDRO**, Los Angeles Co., Cal.—Lewis Brothers, Phoenix, Arizona, at \$635, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of a new entrance at the U. S. Post Office and Custom House at San Pedro.

Complete bids follow:

Lewis Bros., Phoenix, Ariz.....\$635  
 Henry L. Grohn, Decatur, Ill..... 669  
 Public Building Contractors,  
 Bronx, N. Y..... 684  
 Sarver & Zoss, Inc., Los An-  
 geles, Calif..... 745  
 Nick Hemminga, San Francisco. 785  
 The Contracting Engineer's Co.,  
 Los Angeles..... 1,495

**PLANS ON FILE**

**SAN FRANCISCO**—A set of plans and copy of specifications for construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles, for which bids will be opened February 2, 1:20 p. m., are now on file at the Bonding Department, Glens Falls Indemnity Company, 6th Floor, Mills Tower, San Francisco.

**Bid Opening Date Postponed Until**

January 22, 10 A. M.

**SAN DIEGO**, Calif.—Until January 22, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for special interior lighting fixtures at the U. S. Coast Guard Air Station at San Diego.

Drawings and specifications obtainable from the above office and from the Custodian of the Building, San Diego.

**Bids Opened**

**POST OFFICE** Cost, \$302,000  
**WENATCHEE, Washington.**  
 United States post office building.  
 Owner—United States Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Wash-  
 ington, D. C.

**Low Bidder—Consolidated Engineer-  
 ing Co., Tacoma, \$137,167.**

Complete bids follow:

**Consolidated Engineering Co.,  
 Tacoma** ..... \$137,167  
 ..... Alt. (a) Ded. \$960  
 ..... Alt. (b) Add. 360  
 ..... Alt. (c) Add. 250

**Howard S. Wright and Co.,  
 Seattle** ..... \$139,350  
 ..... Alt. (a) Ded. 205  
 ..... Alt. (b) Add. 400  
 ..... Alt. (c) Add. 1500

**Benjamin H. Sheldon, On-  
 tario, Ore.** ..... \$139,977  
 ..... Alt. (a) Ded. 1000  
 ..... Alt. (b) Add. 800  
 ..... Alt. (c) no bid

**A. F. Mowat Const. Co., Se-  
 attle** ..... \$144,700  
 ..... Alt. (a) Add. 725  
 ..... Alt. (b) Add. 512  
 ..... Alt. (c) no bid

**Standard Const. Co., Tacoma \$149,390**  
 ..... Alt. (a) Ded. 185  
 ..... Alt. (b) Add. 866  
 ..... Alt. (c) Add. 509

**Harry Bover Sons and Co.,  
 Olympia, Wash.** ..... \$149,958  
 ..... Alt. (a) Add. 920  
 ..... Alt. (b) Add. 574  
 ..... Alt. (c) no bid

**L. H. Hoffman, Portland, Ore. \$150,000**  
 ..... Alt. (a) Ded. 757  
 ..... Alt. (b) Add. 362  
 ..... Alt. (c) no bid

**Henrikson-Alstrom Co., Se-  
 attle** ..... \$151,839  
 ..... Alt. (a) Ded. 747  
 ..... Alt. (b) Add. 634  
 ..... Alt. (c) no bid

**J. J. Lohrenz, Spokane** ..... \$154,412  
 ..... Alt. (a) Ded. 300  
 ..... Alt. (b) Add. 298  
 ..... Alt. (c) no bid

**Sound Const. & Eng. Co.,  
 Seattle** ..... \$158,962  
 ..... Alt. (a) Ded. 752  
 ..... Alt. (b) Add. 362  
 ..... Alt. (c) no bid

**Burnett & Garke Co., Wen-  
 atchee, Wash.** ..... \$174,959  
 ..... Alt. (a) Ded. 1184  
 ..... Alt. (b) Add. 722  
 ..... Alt. (c) no bid

**BIDS OPENED**

**WOODLAND, Yolo Co., Calif.—  
 Ceco Weatherstrip & Screen Pro-  
 ducts, Chicago, Ill., at \$309, submitted  
 low bid to the Procurement Division,  
 Public Buildings Branch, Wash-  
 ington, D. C., for insect screens in the  
 U. S. Post Office at Woodland**

Complete bids follow:

**Ceco Weatherstrip & Screen  
 Products, Chicago, Ill.** ..... \$309  
**Chamberlin Metal Weather  
 Strip Co., Detroit, Mich.** ..... 318  
**The Robbins Mfg. Co., Chicago,  
 Ill.** ..... 357

**CONTRACT AWARDED**

**POINT LOMA, San Diego, Calif.—  
 E. H. Gray, 1805 Market St., San Di-  
 ego, at \$1,538,500, under Items 1 and 2,  
 awarded contract by the Public Works  
 Officer, Headquarters, 11th Naval  
 District foot of Broadway San Di-  
 ego, under Spec. No. 8297, for painting  
 exterior of buildings and wood  
 masts at the Naval Radio Station,  
 Point Loma**

**CONTRACT AWARDED**

**L. A. JOLLA, San Diego Co., Calif.—  
 J. E. Worthington, San Diego Trust &  
 Savings Bldg., San Diego, at \$462,  
 awarded contract by the Procure-  
 ment Division, Public Bldgs. Branch,  
 Washington, D. C., for painting plas-  
 ter, etc. in the U. S. post office at  
 La Jolla**

**NEW BIDS WANTED**

**SPRINGVILLE, Ariz.—** Until  
 February 26, bids will be received  
 by the Procurement Division, Public  
 Works Branch, Washington, D. C., for  
 the construction of the U. S. For-  
 estry, P. O., etc., building at  
 Springville, Ariz. Plans and specifi-  
 cations may be obtained from the  
 above office.

No deposit required for one set  
 of plans.

At previous bid opening all bids  
 were rejected as being in excess of  
 the amount available. MacDonald  
 Const. Co., St. Louis, at \$79,738, sub-  
 mitted low bid.

**BIDS OPENED**

**SAN DIEGO, Calif.—Metalcrafts,  
 712 Reading Road, Cincinnati, Ohio,  
 at \$1292 submitted low bid to the  
 Procurement Division, Public Bldgs.  
 Branch, Washington, D. C., for spe-  
 cial interior lighting fixtures in the  
 U. S. Coast Guard Air Station at  
 San Diego.**

Complete bids follow:

**Metalcrafts, Cincinnati, O.** ..... \$1,292  
**The Times Co., Inc., N. Y. C.** ..... 1379  
**Mutual Metal Mfg. Co., Chicago** ..... 1,895  
**The Reading Chandelier Wks.,  
 Reading, Pa.** ..... 2,800

**NEW BIDS WANTED**

**REDDING, Shasta Co., Calif.—**Un-  
 til Feb. 9, 10 A. M., new bids will  
 be received by the Procurement Di-  
 vision, Public Bldgs. Branch, Wash-  
 ington, D. C., for scale pit and plat-  
 form scale in the U. S. post office  
 at Redding.

At previous bid opening Toledo  
 Scale Co., Washington, D. C., sub-  
 mitted low bid at \$498.25.

Specifications may be obtained  
 from the above office and from the  
 Custodian of the Building at Red-  
 ding.

**BIDS WANTED**

**LOVELOCK, Nev.—**Until March 2,  
 1 P. M., bids will be received by the  
 Procurement Division, Public Bldgs.  
 Branch, Washington, D. C., for con-  
 struction of the U. S. Agriculture  
 Bldg. and Post Office at Lovelock.

Plans and specifications may be  
 obtained from the above office. No  
 deposit required for one set of plans.  
 Estimated cost, \$70,000.

**APPROPRIATELY RECOMMENDED**

**LOS ANGELES, Calif.—**President  
 Roosevelt has recommended to Con-  
 gress an increase of \$1,030,000 in  
 the cost of the proposed U. S. Post  
 Office and Courthouse to be built in  
 Los Angeles. He informed Congress  
 that the original cost limit, \$6,250,-  
 000, was insufficient to cover the  
 cost of the structure and asked that  
 the appropriation be raised to \$7,-  
 280,000. It has not been determined  
 whether or not an award of con-  
 tract will be made on bids sub-  
 mitted October 22, at which time the  
 Geo. A. Fuller Co., Munsey Build-  
 ing, Washington, D. C., submitted  
 the low proposal. Robert E. McKee  
 submitted the only other bid.

**BIDS WANTED**

**SAN FRANCISCO—**Until Feb. 10,  
 1 P. M., bids will be received by the  
 Procurement Division, Public Bldgs.  
 Branch, Washington, D. C., for in-  
 stallation of laboratory equipment in  
 the Federal Office Building at San  
 Francisco.

Specifications may be obtained  
 at the above office.

**LOW BIDDER**

**MONTEBELLO, Los Angeles Co.,  
 Calif.—Ceco Weatherstrip & Screen  
 Products, Chicago, at \$240 submitted  
 low bid to the Procurement Division,  
 Public Buildings Branch, Washing-  
 ton, D. C., for furnishing insect  
 screens at the U. S. post office at  
 Montebello.**

**8— CLUB BUILDINGS****All Bids Rejected**

**LODGE BLDG.** Cost, \$50,000  
**VALLEJO, Solano Co., Calif.** Georgia  
 and Sonoma Streets.

2½-story and basement reinforced  
 concrete club building (50x100-  
 feet) clubrooms, banquet hall,  
 kitchen, shower room, etc.  
 Owner—Vallejo Lodge of Elks (Thos.  
 F. O'Hara, Secretary).

Architect—Dodge Riedy, 821 Mar-  
 ket St., San Francisco.

All bids were rejected, as they

exceeded estimated cost.

Complete bids submitted January

12, follow

D. W. Nicholson San Leandro, \$67,402

David Paganini, San Francisco, \$7,913

H. L. Petersen Const. Com-

pany, San Francisco, ..... 68,453

F. J. Reilly, S. F., ..... 69,481

Moore & Roberts, S. F., ..... 70,700

Monson Bros., S. F., ..... 72,712

**Plans Being Figured—Bids Close**

January 26, 4:30 P. M.

**CLUB BUILDING** Cost, \$15,000

**SACRAMENTO** Sacramento Co., Cal.

New Y. L. L. Club Building.

Owner—Young Ladies' Institute.

Architect—Starks & Flanders, Bank

of America Bldg., Sacramento.

Bids will be received from the fol-  
 lowing selected list of contractors:

E. Truesdell, 2116 H St., Sacra-  
 mento.

W. C. Keating, 1121 24th St., Sacra-  
 mento.

L. F. Gould, 1623 O St., Sacra-  
 mento.

Petersen & Steinbrenner, 1116 O  
 St., Sacramento.

Campbell Const. Co., 800 R St.,  
 Sacramento.

C. J. Hopkinson, 1810 25th St., Sacra-  
 mento.

Chas. S. Unger, 2426 Seventh Ave.,  
 Sacramento.

Preparing Plans

**REMODELING** Cost, \$50,000

**SACRAMENTO, Sacramento Co., Cal.**

2719 K St.

Remodeling building recently dam-  
 aged by fire.

Owner—Eastern Star Temple.

Architect—Starks & Flanders, Bank

of America Bldg., Sacramento.

Bids will be called in about two  
 weeks.

**9— HOSPITALS****SUB BIDS WANTED**

**YOUNTVILLE, Napa Co., Calif.—**

DeLuca & Son, Inc., 1745 Filbert St.,

San Francisco, desire sub bids on

all portions of the work for con-  
 struction of a nurses' home and duplex

cottage at Yountville, for which bids  
 will be opened by the State Divi-  
 sion of Architecture, George B.

McDougall, State Architect, Public  
 Works Bldg., Sacramento, January  
 26, 2 p. m.

**SUB BIDS WANTED**

**YOUNTVILLE, Napa Co., Calif.—**

Villadsen Bros., 2059 Webster Street,  
 Oakland, desire sub bids on all por-  
 tions of the work for construction  
 of a nurses' home and cottage at  
 Yountville, for which bids will be  
 opened by the State Division of Ar-  
 chitecture, George B. McDougall,  
 State Architect, Public Works Bldg.,  
 Sacramento, January 26, 2 p. m.

**NO BIDS RECEIVED**

**SAN FRANCISCO—**No bids were

received by the Department of Public  
 Works, City Hall, under Specifi-  
 cation No. 5401, for repairing and  
 reconditioning of the steam turbine  
 electric generator, at the San Fran-  
 cisco Hospital, Potrero Ave., bet.  
 22nd and 23rd Streets.

(1312) 1st report Jan. 7, 1937.

**BIDS OPENED**

**SAN FRANCISCO**—Dee Engineering Co., 170 Hooper St., submitted low bid to the Department of Public Works, City Hall, for repairing and reconditioning furnaces of the boilers at the San Francisco Hospital, Potrero Ave., bet. 22nd and 23rd Streets.

Bids were taken as follows:  
 (1) If common brick is laid, per M.;  
 (2) If Gasco fire-brick is laid, per M.;  
 (3) If Sil-O-Cel brick is laid, per M.  
 Complete bids follow:

Dee Engineering Co.	(1)	\$60.00
.....	(2)	111.00
.....	(3)	122.50
J N J Firebrick Constr. Co.	(1)	89.10
.....	(2)	158.50
.....	(4)	167.25

**NO BIDS RECEIVED**

**SAN FRANCISCO**—No bids were received by the Department of Public Works, City Hall, under Specification No. 5462, for repairs to the boiler in the power house, at the San Francisco Hospital, Potrero Avenue between 22nd and 23rd Streets.

**BIDS WANTED**

**BAKERSFIELD**, Kern Co., Cal.—Until January 25, 11 A. M., bids will be received by Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for changing the type of operation for one passenger elevator in the Kern County General Hospital, Bakersfield.

Plans and specifications obtainable from the office of Edwin J. Symmes, Frank Wynkoop, architect, 215 Haberfeld Bldg., Bakersfield.

**To Prepare Plans**

**ADDITION** Cost, \$100,000  
**FRESNO**, Fresno Co., Calif.  
 New kitchen, refrigeration plant and bakery at Fresno County General Hospital.

Owner—County of Fresno.  
 Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen).

The County Board of Supervisors has authorized the architects to prepare plans and a cost estimate. A bond election will probably be called in the Spring, and if successful, application will be made to the Public Works Administration for a grant.

**To Ask Bids Shortly**

**HOSPITAL ADDN** Cost, \$90,000  
**SACRAMENTO**, Sacramento Co., Cal. 52nd and F Streets.

Two - story fireproof maternity hospital addition (48 beds) steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids will be asked as soon as the electrical drawings are completed.

**Contracts Awarded**

**HOSPITAL WARD** Cost, \$300,000  
**PATTON STATE HOSPITAL**, San Bernardino Co., Calif.

Two one-story reinforced concrete ward buildings (Group 16, for infirm females; and Group T for infirm males), clay tile roofing.

Owner—State of California, Department of Institutions.  
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**General Work**—Azevedo Const. Co., 920 O St., Sacramento, \$241,480.

**Plumbers Work**—Kenneth Fraser, 1452 N Lake Avenue, Pasadena, \$28,632.

**Heating and Ventilating**—Scott Co., 243 Minna St., San Francisco, \$241,590.

**Electric Work**—Moore Electric Co., 321 W Third St., Los Angeles, \$8,676.

**Plans Being Figured — Bids Close February 4**

**HOSPITAL ADDITION** Cost, \$90,000  
**SACRAMENTO**, Sacramento Co., Cal. 52nd and F Sts.

Two - story fireproof maternity hospital addition (48 beds), steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contract for steam heating and air conditioning system has been awarded Luppen & Hawley, 3126 J St., Sacramento, at \$10,695.

**PROPOSED ALLOCATIONS**

**SACRAMENTO**, Calif.—California state budget proposals for the next biennium includes the following allocations for new construction at state institutions: Agnew state hospital, \$182,990; Camarillo state hospital, \$2,765,000; Mendocino state hospital, \$50,400; Napa state hospital, \$1,038,700; Norwalk state hospital, \$18,400; Patton state hospital, \$18,000; Stockton state hospital, \$98,500; Pacific state home, \$990,500; Sonoma state home, \$1,953,200; Preston school of industry, \$7750; Ventura school for girls, \$7650; Whittier state school \$3750; Industrial home for the adult blind, \$8400; Yountville veterans' home, \$449,000. Plans will be prepared by State Architect George B. McDougall, Public Works Building, Sacramento.

**Plans Being Figured — Bids Close February 4 5 P. M.**

**HOSPITAL ADDITION** Cost, \$90,000  
**SACRAMENTO**, Sacramento Co., Cal. 52nd and F Streets.

Two - story fireproof maternity hospital addition (48 beds), steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications obtainable from the architect upon deposit of \$25.00.

Bids will be opened at the Sacramento Builders' Exchange.

Separate bids for painting and elevators will be called at a later date. A contract for steam heating and air conditioning system has been awarded to Luppen & Hawley, 3126 J St., Sacramento, at \$10,695.

Following contractors have prepared plans:  
 H. W. Robertson, 3004 F Street, Sacramento.

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

Ludgren & Sumner, 619 H St., Sacramento.

Moore & Roberts, 493 Mission St., San Francisco.

Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

H. Oberer Constr. Co., 2603 R St., Sacramento.

Cambell Constr. Co., 800 R St., Sacramento.

**BIDS OPENED**

**SAN FRANCISCO**—E. A. Corneley, Inc., 1452 Bith St., at \$125,129.

Contract for the Department of Public Works, City Hall, for furnishing and installing 100 air and oil burners for power plant in the Power House at the San Francisco Hospital, Potrero Avenue bet. 22nd and 23rd Streets.

**BIDS OPENED**

**SAN FRANCISCO**—Charles A. Langlais, 427 Tehama St., at \$7,330.

Contract for the Department of Public Works, Room 251, City Hall, under Spec. No. 5337, for electric service for the Psychopathic-Cancer Building, Potrero Ave. and 22nd Street.

Work consists of installation of all conduit, conduit hangers, boxes, wiring, etc., from the main switchboard in the Power House of the San Francisco Hospital to the Psychopathic-Cancer Building.

Complete bids follow:  
 Charles A. Langlais.....\$7,330  
 L. A. Hecnerman.....7,843  
 American Elec. Constr. Co.....8,140  
 Abbott Electric Co.....8,147  
 Geo. F. Breyer.....9,447  
 All of San Francisco.

**10— HOTELS**

**Sub-Contracts Awarded**  
**REMODEL HOTEL** Cost, \$5,000  
**SAN FRANCISCO** Mission and 19th Streets.

Remodel hotel (electric, plumbing, painting and installation of cabinets and basins).

Owner—A. P. Jacob, care Architect, Architect—A. H. Larsen, 333 Kearny. Painting—City Painting Service, 650 Diamond Street.

As previously reported, electric work awarded to F. J. Khmm, 456 Ellis St.; plumbing to Von Tegen Co., 60 Clay St.

**12 POWER PLANTS****CONTRACT AWARDED**

**SAN FRANCISCO**—Ocean Shore Iron Works, 550 Eighth St., at \$175, awarded contract by the Department of Public Works, City Hall, under Spec. No. 5366, for removing old outer shell and liner and replacing with new 5 1/2-in. boiler plate outer shell and 5-in. liner, on No. 2 mixer at Municipal Asphalt Plant, Florida and Treat Aves. 12

**BIDS OPENED**

**WEAVERVILLE**, Trinity Co., Cal.—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 977, for furnishing a steam heating plant for Forest Warehouse, shop and wash rack at Weaverille:

Gran Co., Sacramento; Dallman Supply Co., Sacramento, and Grinnell Co., San Francisco, submitted identical bids at \$1,032,49, f.o.b. Sacramento; \$1,073,88, f.o.b. Redding; \$1,106,98, f.o.b. Weaverille; discount, \$29.20 on boiler, 15 days; 2% 30 days on balance.

C. U. and J. O. Martin, San Francisco; \$1,018, f.o.b. Pacific Coast; \$1,073, f.o.b. Redding; \$1,094, f.o.b. Weaverille; discount, 2% 10 days.

The work involves:

- One sectional steam boiler complete with jacket;
- One diesel oil burner for same;
- Six forced draft unit heaters;
- seven air valves;
- Seven traps.

**13— PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**Planned**  
**LIBRARY BUILDING** Cost, \$ . . .  
**FRESNO** Fresno Co., Calif.  
 New library building, art center and museum.

Owner—County of Fresno.  
 Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen).

The Board of Supervisors has authorized the architects to prepare preliminary plans and cost estimate to be submitted to the PWA in applying for a federal grant. A bond election will probably be called this spring.

**Planned ALLEGATIONS** Cost, \$50,000  
**FRESNO**, Fresno Co., Calif.  
 Remodeling and rehabilitation of the Courthouse Building.

Owner—County of Fresno.  
 Architect—Alfred Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen).

The architects have been authorized by the Board of Supervisors to prepare plans and cost estimates. It is planned to proceed with the work immediately.

**Award Recommended** Cost, \$54,000  
**CITY HALL**, Santa Cruz Co., Cal.  
 Church and Locust Streets.

One- and two-story reinforced concrete City Hall (first unit) stucco exterior, single tile roof, linoleum floors, steel joists, vault doors, jail equipment, floor and ceiling will be concrete slabs on steeldeck, low pressure steam heating system, etc. (Mayor's offices, water department, police department and jail).

Owner—City of Santa Cruz (S. A. Evans, City Clerk).

Architect—C. J. Ryland, Monterey and Carmel.

**Low Bidder**—N. J. Nielsen and E. O. Erbentraut, 82 Hollywood Street, San Jose.

Total bids follow:  
 N. J. Nielsen & E. O. Erbentraut, San Jose, \$48,833  
 N. J. Sjoberg & Sons, Oakland, 49,317  
 F. C. Stolte, San Simeon, 52,190  
 B. A. Howkins, S. F., 54,000  
 \*Approximate bid, exact figure not available.

Recommendation was made to the PWA that the contract be awarded to the low bidder. The PWA recently allotted a grant of \$24,327 to assist in financing construction.

#### NEW BIDS WANTED

**TORRANCE**, Los Angeles Co., Cal.  
 Until February 15, 8 p.m., new bids will be received by the Torrance city council for the construction of a steel frame administration building and addition to the new Torrance public assembly building, a PWA project. Plans and specifications may be obtained from A. H. Bartlett, city clerk, Torrance, or from the architects, A. R. Walker and P. A. Beyer, Pacific Commerce Bldg., Los Angeles, upon deposit of \$10. All bids received January 5 were rejected. Eser Wikholm was low at \$23,350.

#### BIDS OPENED

**CAMARILLO**, Ventura Co., Calif.  
 Morrow Roofing Co., 1009 North Western Ave., Los Angeles, at \$1,149, submitted low bid to the State Division of Architecture, George B. McDougal, State Architect, Sacramento, for composition roofing on the Dairy Plant Bldg., Camarillo State Hospital.

Complete bids follow:  
 Morrow Roofing Co., Los Angeles, \$1,149  
 California Waterproofing Co., Los Angeles, 1,200  
 Eugene Maloney, Los Angeles, 1,252  
 Pasadena Roofing Co., Pasadena, 1,525

#### 14—RESIDENCES

**Contract Awarded**  
**RESIDENCE**  
**PALO ALTO**, Santa Clara Co., Calif.  
 1029 University Ave.

Two-story frame and stucco residence and garage.  
 Owner—Frank M. Watson, 559 Teanyson Ave., Palo Alto.  
 Architect—Not Given.  
 Contractor—Carroll Da Mant, 137 Donohue St., Palo Alto.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$12,000  
**PIEDMONT**, Alameda Co., Calif. 115 Sandringham Road.

Two-story frame and stucco residence (10 rooms), garage.  
 Owner & Builder—Lucy Deasy, 1287 Trestle Glenn Road, Oakland.  
 Architect—Frederick Confer, 3147 Claremont Ave., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**OAKLAND**, Alameda Co., Calif. 1801 Woodhaven Way.

One-story frame and stucco residence (5 rooms).  
 Owner—S. W. Band, Jr., care Contractor.  
 Architect—Not Given.  
 Contractor—John S. Flagg, 3387 Marcom Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,500  
**SAN FRANCISCO**, W. 24th Ave., 108 S Ocean Ave.

Two-story and basement frame and stucco residence.  
 Owner & Builder—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
**SAN MATEO CO.**, Calif. Bell Monte Country Club Tr., near Belmont.

One-story frame California ranch house (tile and shake roof, hardwood floors, tile baths, gas floor furnace, etc.).  
 Owner—Withheld.  
 Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
 Contractor—M. A. Little Co., 107 24th Ave., San Francisco.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
**BERKELEY**, Alameda Co., Calif. 398 Vassar Ave.

Two-story frame and stucco residence (6 rooms), garage.  
 Owner & Builder—E. Bischoff, 2717 Russell St., Berkeley.  
 Architect—Not Given.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
**SAN MATEO**, San Mateo Co., Calif.

Two-story frame and stucco residence (7 rooms, 3 baths), shake roof, gas furnace, wood sash, hardwood floors, tile baths, 2-car garage.  
 Owner—L. E. Rodgers, 243 Irving St., San Mateo.  
 Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.

**Plumbing**—J. W. Forsythe, 521 S. Humboldt St., San Mateo.  
**Heating**—E. Steger, 45 B St., San Mateo.

**Tile Work**—Benetti Tile Co., 916 N. Humboldt St., San Mateo.  
**Grading**—L. C. Smith, 235 Third Ave., San Mateo.  
**Foundations**—B. Bragato, 363 North Eldorado St., San Mateo.

**Lumber**—Smith Lumber Co., 4th and Channel Sts., San Francisco.

**Mill Work**—South City Lumber Co., Railroad and Spruce Sts., South San Francisco.

**To Be Done By Day's Work**  
**AUTO COURT** Cost, \$...  
**PACIFIC GROVE**, Monterey Co. Cal. Asilomar Blvd. and Jewell Ave. (one-acre tract).

Five duplex cottage units (each consisting of 2 living rooms, two bed rooms, two kitchens, two baths and a 2-car garage).  
 Owner and Builder—John Young, 167 Dutton St., San Leandro.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,856  
**BAYWOOD**, San Mateo Co., Calif.

Two-story frame and brick veneer residence and garage.  
 Owner—Lincoln S. Wilson.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.  
 Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$14,315  
**SAN MATEO PARK**, San Mateo Co., Lot 11.

Two-story frame and stucco residence with detached frame and stucco garage.  
 Owner—James Franklin, Burlingame.  
 Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.  
 Contractor—Suburban Builders, Inc., 1182 Market St., San Francisco.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$5,000  
**BAYWOOD**, San Mateo Co., Calif.

One-story frame and stucco residence (8 rooms and 2 baths).  
 Modernistic style, steel sash, linoleum floors throughout, linoleum wainscot in kitchen and baths, linoleum and monel metal drain boards, air conditioning plant, glass brick in reception hall, social room with bar alcove.  
 Owner—Withheld.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

Bids will be asked in about one week.

**Bids In — Held Under Advertisment**  
**RESIDENCE** Cost, \$6,500  
**SAN MATEO**, San Mateo Co., Calif. Aragon Tract.

Two-story frame and stucco residence (6 rooms), Colonial style, shingle roof, hardwood floors, tile baths, warm air gravity heating system, etc.

Owner—Withheld.  
 Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
 Announcement shortly.

**Plans Being Revised**  
**RESIDENCE** Cost, \$20,000  
**SAN RAFAEL**, Marin Co., Cal. Del Mesa Tract.

Two-story frame and stucco residence (10 rooms, 3 baths), Spanish style, tile roof, tile baths, hardwood floors, oil burning furnace, steel sash, etc.

Owner—Henry Sutliff, care architect.  
 Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Following bids received January 15th:  
 Leibert & Trobeck, Albert Bldg., San Rafael, \$22,887  
 A. von Reib, San Anselmo, 22,952  
 J. S. Hannah, S. F., 23,977  
 E. Jackson, San Anselmo, 24,325  
 Moore & Madsen, S. F., 24,978  
 Emil Person, Berkeley, 25,774

**Bids In — Held Under Advertisment**  
**RESIDENCE** Cost, \$10,000  
**SAN MATEO CO.**, Calif. Baywood.

Two-story frame and stucco and brick veneer residence (9 rooms, 3 baths), shingle roof, warm air gravity heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
 Announcement shortly.

**Contract Awarded**  
**AUTO COURT** Cost, \$7,000  
**SAN MATEO CO.** Bayshore Bldg., Friendly Acres. LOTS 16 and 17, B. L. K.

Auto Court.  
 Owner—W. A. Funk, care Contractor.  
 Architect—Not Given.

Contractor—J. H. Ronk, 622 N. Harrison St., Stockton.

**Contract Awarded**  
RESIDENCE Cost, Pr., \$10,000  
SAN MATEO Co., Calif.  
Aragon Tract.

Two-story frame and stucco residence (6 rooms), Colonial style, shingle roof, hardwood floors, tile baths, warm air gravity heating system, etc.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Contractor—A. E. Orton, 151 Harriett Ave., Palo Alto.

**Low Bidder**  
RESIDENCE Cost, \$11,500  
SAN MATEO PARK, Warren Road.  
Two-story frame and stucco residence (8 rooms, 3 baths), French Provincial style, shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, detached garage.

Owner—Name Withheld.  
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.  
**Low Bidder**—Mooney & MacDonald, 1473 Burlingame Ave., Burlingame.

**Sub Contracts Awarded**  
DUPLIX RESIDENCE Cost, \$5,000  
OAKLAND, Alameda Co., Calif. 434-36 Merritt Ave.

Two-story duplex residence (8 rms.).  
Owner & Builder—Edward Larmer, 90 Fairview Ave., Piedmont.  
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.

Plumbing—Madden Plumbing Co., 3103 San Pablo Ave., Piedmont.  
Electric Wiring—F. W. Parkhurst, 242 Finway Rd., Oakland.  
Hardwood Floors—Rex Floor Co., 2468 65th Ave., Oakland.

Foundations—F. Salamid, 5350 Manilla St., Oakland.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$5,500  
SAN MATEO, Calif. 500 Warren Rd.

Two-story frame and stucco residence.  
Owner—H. F. Davies, care Contractor.  
Architect—Not Given.

Contractor—Lengle & Olund, Ltd., 220 Second St., San Mateo.

Plumbing—Frank Regan, 245 California Dr., Burlingame.  
Sheet Metal—G. & M. Sheet Metal Works, 504 9th Ave., San Mateo.

Foundations—McElroy Chelm Lumber Co., 237 Bayshore Blvd., San Mateo.  
Mill Work—Pacific Mfg. Co., 639 B St., San Mateo.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Calif.  
Montara Tract.

Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, tile baths, wood sash, gas furnace.

Owner & Builder—White & Pollard, 1723 Franklin St., Oakland.  
Architect—Earl MacDonald, 3812 Broadway, Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$45,000  
SAN FRANCISCO, Lombard Street between Hyde and Leavenworth.

Three-story and basement frame and stucco residence (solarium on roof, tile baths, hardwood floors, refrigerators, gas-fired warm air heat, linoleum wall interior walls, slate decks, flat paco roof, etc.)

Owner—Dr. and Mrs. F. W. L. Tydemann, San Francisco.  
Architect—Farr & Ward, 68 Post St.  
Contractor—H. E. Rahlmann Co., 251 Kearny Street.

**Completing Plans**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Francisco Hgts.

Beaumont Ave. near Turk St.  
1½-story frame and stucco residence (4 rooms, 2 baths) composition roof, General Electric air conditioning system, hardwood floors tile baths, etc.

Owner—Geo. Ferroggiaro, care architect.  
Architect—Harold Stoner, 41 Sutter.  
Bids will be asked in about ten days.

**Plans Being Figured — Bids Close**  
January 29, 4 P. M.  
RESIDENCE Cost, \$.....  
PIEDMONT, Alameda Co., Calif.  
Ransom Garden.

New residence.  
Owner—Withheld.  
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Bids will be received from the following selected list of contractors:  
The H. Lapham, 546 Keomere Ave., Oakland.  
Victor E. Sigge, 3912 Linwood Ave., Oakland.

Jensen & Pedersen, 3443 Adelaine St., Oakland.  
W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.  
Eugene S. Campomenosi, 6401 Broadway Terrace, Oakland.

S. T. Bertelsen, 30 Estrella Ave., Piedmont.  
Clarence H. Thrums, 28 Home Pl., Oakland.

**Plans Being Figured — Bids Close**  
January 29, 3:30 P. M.  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda Co., Cal. Montclair Estate.

New residence.  
Owner—Withheld.  
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Bids will be received from the following selected list of contractors:  
Victor E. Sigge, 3912 Linwood Ave., Oakland.  
Jensen & Pedersen, 3443 Adelaine St., Oakland.

Olaf Petersen, 3626 Rboda Ave., Oakland.  
W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.  
Eugene S. Campomenosi, 6401 Broadway Terrace, Oakland.

S. T. Bertelsen, 30 Estrella Ave., Piedmont.  
Clarence H. Thrums, 28 Home Pl., Oakland.

**Contract Awarded**  
MILLBRAE CIRCLE, San Mateo Co., Calif.

One-story frame and rustic residence (6 rooms and two baths), shingle roof, hot air heating system, wood sash, hardwood floors, 2-car garage.

Owner—John Marshall, Jr., 1095 Market St., San Francisco.  
Architect—Fred Reimers, 233 Post St., San Francisco.  
Contractor—J. S. Hannah, 268 Market St., San Francisco.

**Bids Wanted — To Close January**  
27, 4 P. M.  
RESIDENCE Cost, \$10,000  
ALAMEDA CO. Moraga St. near Orinda.

One-story frame and stucco residence (7 rooms, 2 baths), shake roof, oil burning furnace, hardwood floors, tile baths, etc.

Owner—Name Withheld.  
Architect—Chester Treichel, 696 Cleveland St., Oakland.

**Low Bidder**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Darien Way and Manor Drive.

Two-story frame and stucco residence (4 rooms, 2 baths) compo-

sition roofing, gas heating system, wood sash, hardwood floors tile baths, etc.  
Owner—A. D. McLean.  
Architect—Vincent Raney, 23 Post.  
Low Bidder—Frank K. DuFuy, 110 Sutter Street.

**Plans Being Figured**  
RESIDENCE Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.

Two-story frame and stucco residence (7 rooms, 2 baths), shake roof, hardwood floors, gas fired hot air heating system, wood sash, etc.

Owner—M. T. Wombley.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
Bids are being received from a selected list of contractors. About two weeks will be allowed for figuring the plans.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
CARMEL, Monterey Co., Calif.

One-story rustic residence (shake roof, central heating plant, etc.).  
Owner—Mrs. Abbott.  
Architect—Milton Latham, Carmel.  
Contractor—M. J. Murphy, Inc., Carmel.

**Contract Awarded**  
RESIDENCE COURT Cost, \$15,000  
BAKERSFIELD, Kern Co., Calif.

Four single dwellings, 6 garages, 2 apartments over garage buildings (wood frame and stucco, wavy shingle roof, insulation, rock wool, individual floor furnaces).

Owner—Mr. and Mrs. Frank Findlayson.  
Architect—Not Given.  
Contractor—O. D. Williams, Jr., 730 Eye St., Bakersfield.

Following sub contracts have been awarded:  
Heating—Geo. E. Wilson, 1019 19th St., Bakersfield.

Electrical—Advance Electric Co., 909 18th St., Bakersfield.  
Floors—O. W. Newman, 1713 Second St., Bakersfield.

Insulation—O. W. McNay, 1508 Williams St., Bakersfield.  
Paint—Peckham & Foster, 4171 Madison Ave., Culver City.

Plaster—Pat Sughrue, 1729 Quincy St., Bakersfield.  
Plumbing—R. Walters, 1817 M St., Bakersfield.

Tile—O. W. McNay, 1508 Williams St., Bakersfield.  
Millwork & Materials—King Lumber Co., 2 Summer St. and the Hayward Lumber Co., 1431 H St., Bakersfield.

**Preparing Sketches**  
RESIDENCE Cost, \$.....  
CARMEL, Monterey Co., Calif.

One-story rustic residence (shake roof, oak floors, central heating plant, etc.).  
Owner—Mr. Kirt.  
Architect—Milton Latham, Carmel.

**Preparing Sketches**  
RESIDENCE Cost, \$2,500  
CARMEL, Monterey Co., Calif.

One-story rustic residence (3 rooms, 1 bath).  
Owner—Mr. Alderman.  
Architect—Milton Latham, Carmel.

**Contract Awarded**  
RESIDENCE Cost, \$16,000  
OAKLAND, Alameda Co., Calif. 664 Blair Avenue.

Two-story frame and stucco residence (8 rooms) and garage.  
Owner—F. J. Banker, 465 Bellevue Ave., Oakland.  
Architect—Michael Goodman, 2163 Center St., Oakland.

Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.

Preparing Working Drawings  
**ADDITION** Cost, \$.....  
**CARMEL**, Monterey Co., Calif.  
 One-room and bath addition to residence.

Owner—Mrs. Frederick Burt, Carmel.  
 Architect—Milton Latham, Carmel

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**OAKLAND**, Alameda Co., Calif. 3987  
 Oakmore Road.

One-story frame and stucco residence (5 rooms).  
 Owner—Royal Clark, care contractor.  
 Architect—Not Given.  
 Contractor—J. Ralph Pierce, 3942 Woodruff Ave.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO**, Calif. 285 San Anselmo Ave.  
 Alterations to residence.  
 Owner—Dr. Howard Ruggles, care Contractor.  
 Architect—Not Given.  
 Contractor—Jacks & Irvine, 620 Market St.

**Completing Plans**  
**RESIDENCES** Cost, \$7,500-\$10,000  
**SAN FRANCISCO**. Pinelake Park.  
 Three two-story frame and stucco residences (shake roofs, hardwood floors, tile baths, gas fired hot air furnaces, wood sash, etc.)  
 Owner and Builder—A. J. Herzog, 700 Sloat Blvd.  
 Architect—A. H. Larsen, 333 Kearny Street.

**To Be Done By Day's Work**  
**DUPLEX RESIDENCE** Cost, \$7500  
**FRESNO**, Fresno Co., Calif. 722 N. Van Ness Ave.  
 One - story frame and stucco duplex residence and garage.  
 Owner and Builder — Gus Carlson, 5178 Turner St., Fresno.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
**FRESNO**, Fresno Co., Calif. 445 McKinley Street.  
 One - story frame and stucco residence and garage.  
 Owner—A. M. Magarian, care contractor.  
 Contractor—J. D. Brase, 2029 Perger St., Fresno.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,250  
**PALO ALTO**, Santa Clara Co., Calif. 309 Dana St.  
 One-story frame and stucco residence and garage.  
 Owner & Builder—John Christensen, 1028 High St., Palo Alto.  
 Architect—Not Given.

**Plans Being Figured**  
**RESIDENCE** Cost, \$.....  
**SANTA ROSA**, Sonoma Co., Calif.  
 Two - story Georgian residence (two baths and lavatory, 3 bedrooms) Johns - Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.  
 Owner—Doctor Leighton Ray, Santa Rosa.  
 Architect — Mark Daniels, 101 Post St., San Francisco.

Bids are being received from a selected list of contractors, all of Santa Rosa.

**Bids Wanted — To Close January 25, Noon**  
**RESIDENCE** Cost, \$5,500  
**SAN FRANCISCO**, Calif. St. Francis Wood.  
 Two-story frame and stucco residence (8 rooms, 2 baths), asphalt shingle roof, wood and steel sash, gas heat air conditioned, hardwood floors, tile baths, etc.  
 Owner—V. J. Beschel, 111 Sutter St

Architect—Charles F. Strotzoff, 2274 15th St.

Preparing Working Drawings  
**RESIDENCE** Cost, \$6000  
**CARMEL**, Monterey Co., Calif.  
 One-story rustic residence (shake roof, oak floors, central hot air-blower heating system).  
 Owner—Leslie Overhulse.  
 Architect—Milton Latham, Carmel.

**To Ask New Bids**  
**RESIDENCE** Cost, \$5,000-\$10,000  
**ALAMEDA**, Alameda Co., Calif.  
 Two-story residence (3 bedrooms, 2 baths), linoleum floors, tile baths, wairoa heat and hot air gas furnaces, single tile roof, gravelite concrete construction, etc.  
 Owner—Capt. Walter J. Seaborn, 1205 Hawthorne St., Alameda.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

Plans on two additional residences are being prepared by the architect and when completed bids will be taken by the owner on the three residences.

These will be the first of a group of twenty to be constructed. (936 1st report Nov. 4; 4th, Jan. 12, 1937.

**Bids Wanted — To Close January 25, P. M.**  
**RESIDENCE** Cost, \$12,000  
**SAN MATEO CO.**, Calif. Hillsborough

Two - story frame and stucco residence (9 rooms, 3 baths), shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, garage.  
 Owner—Name Withheld.  
 Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Following are figuring plans:  
 C. H. Besset, 826 Walnut Ave., Burlingame.  
 Lengfeld & Oland, Ltd., 220 Third Ave., San Mateo.  
 J. B. Osward, 1130 Industrial Bldg., Burlingame.

**Bids Wanted — To Close January 25, Noon**  
**RESIDENCE** Cost, \$9,500  
**SAN FRANCISCO**, Calif. Monterey Heights

Two-story frame and stucco residence (8 rooms, 3 baths), asphalt shingle roof, wood and steel sash, gas heat air conditioned, hardwood floors, tile baths, etc.  
 Owner—Dr. Clyde D. Horner, 5153 Mission St.  
 Architect—Charles F. Strotzoff, 2274 15th St.

**Bids In—Held Under Advice**  
**RESIDENCE** Cost, \$.....  
**ATHERTON**, San Mateo Co., Calif.  
 One-story frame residence (7 rooms, 3 baths) Redwood boarding exterior, Redwood shingle roof, oak floors, wood sash, gas hot air heating system.  
 Owner—Charles C. Montayne, Atherton  
 Architect—G. A. Dalley, 210 Post St., San Francisco.

Following figured plans:  
 A. F. Mattock Co., 212 Clara St., San Francisco.  
 G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.  
 G. H. Meese, P. O. Box 548, Redwood City.  
 H. H. Larsen, 64 South Park, San Francisco.

**Contract Awarded**  
**RESIDENCE** Contract Price, \$9000  
**STOCKTON**, San Joaquin Co., Calif. Oxford Manor

Two - story frame and stucco residence (7 rooms, 2 baths and lavatory) tile baths, hardwood floors, gas furnace, steel sash, tile roof.

Owner—D. G. Miller.  
 Architect—Joseph Losekann, 1218 W Harding St., Stockton.  
 Contractor—C. L. Carlson, 807 North Madison St., Stockton.

**Contract Awarded**  
**RESIDENCE** Cost, \$15,000  
**PALO ALTO**, San Mateo Co., Calif. 1910 Webster Street.  
 One - story frame and stucco residence and garage.  
 Owner—R. R. Crane, 300 Coleridge Ave., Palo Alto.  
 Architect—Leslie L. Nichols, 532 Emerson St., Palo Alto.  
 Contractor — E. J. Schmalig, 563 Melville Ave., Palo Alto.

**BIDS OPENED**  
**RESIDENCE** Cost, \$9,000  
**SALINAS**, Monterey Co., Calif.  
 One-story frame residence (8 rooms, 3 baths), shake roof, oak floors, hot water heat, tile baths, etc.  
 Owner—Mr. Lamb.  
 Architect—Chas. E. Butner, 51 Maple Street, Salinas.  
 Low Bidder—Lenord Torrison, P.O. Box 1204, Salinas.

Complete bids follow:  
 Lenord Torrison, Salinas.....\$9,343  
 O. M. Hansen, Salinas..... 9,720  
 V. H. Moore, Salinas..... 9,767  
 F. C. Carlson, Salinas..... 10,000  
 Herbert P. Kimzey, Salinas..... 10,960  
 Bids held under advisement.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$7,000  
**OAKLAND**, Alameda Co., Calif. 880 Glendome Circle.  
 Two - story frame and stucco residence (6 rooms) garage.  
 Owner & Builder—F. A. Heroux, 4763 El Centro Ave.  
 Architect—Not Given.  
 Plumbing—Henry Lass, 5300 Cole St. Oakland.

Electric Wiring—Read and Co., 3933 20th St., San Francisco.

Heating—Atlas Heating & Vent. Co., 557 Fourth St., San Francisco.

Tile Work—Rigley Tile Co., 3912 Harris St., Oakland.

Brick and Stone Work—Geo. Trotter, 6016 Hayes St., Oakland.

Lumber—Melrose Lumber Co., 46th Ave. and E. 12th St., Oakland.

Hardware—Simonson Hardware Co., Concrete - Cal. Cragun, 2135 109th Ave., Oakland.

**Preparing Preliminary Plans**  
**RESIDENCE** Cost, \$9,000  
**SAN FRANCISCO**, 27th Ave. and Camino Del Mar.

Two-story frame and stucco residence (7 rooms, 2 baths), composition shingle roof, wood sash, gas furnace, hardwood floors, tile baths, etc.  
 Owner—S. Bohney.  
 Architect—Not Given.  
 Mgr.—C. H. Burton—Cyril Doane, 49 Rico Way, San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**CARMEL**, Monterey Co., Calif.  
 One - story residence (6 rooms, 2 baths), frame and stucco construction, shake roof, oak floors, double hung windows, central heating plant, etc.  
 Owner—Mr. Catherwood, Carmel.  
 Architect—Milton Latham, Carmel.  
 Contractor—G. A. Good, 76 17th St., Pacific Grove.

This will be the first of a group of three residences to be constructed.

**Bids In — Opened Today**  
**RESIDENCE** Cost, \$7,000  
**SAN MATEO CO.**, Calif. Bell Monte Country Club Tr., near Belmont.  
 One - story frame California ranch home (tile and shake roof, hardwood floors, tile baths, gas floor furnace, etc.).  
 Owner—Withheld.

Architect—Maric Corbett, Benjamin Franklin Hotel, San Mateo.  
Following figured plans:  
A. E. Orton, 151 Harriet Ave., Palo Alto.  
Vance M. Brown, 1226 Middlefield Road, Palo Alto.  
Schilder & Da Mant, 137 Donohue St., Palo Alto.

**Completing Working Drawings**  
RESIDENCE Cost, \$6,000  
SAN MATEO CO. Millbrae Highlands.  
One-story frame and stucco and brick veneer residence (6 rms.), Monterey style, shake roof, gas hot air furnace, wood sash, hardwood floors, tile bath, etc.  
Owner—G. W. Morris, 95 Pinehurst Way, San Francisco.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.  
Upon completion of plans, general figures will be taken by the owner.

**Plans Being Revised**  
RESIDENCE Cost, \$10,000  
OAKLAND, Alameda Co., Calif. LA Salle Ave.  
Two - story stall wood residences (9 rooms, 3 baths), shingle roof, hardwood floors, linoleum baths, tile showers, plaster walls and ceilings, gas-fired hot air furnace; garage.  
Owner—Name Withheld.  
Architect—Williams & Wastell, 337 17th St., Oakland.  
Bids will be asked in about three weeks.

**Contract Awarded**  
RESIDENCE Cont. Pr., \$10,000  
ORINDA, Alameda Co., Calif. Unit No. 7.  
1½ - story frame and stucco residence (8 rooms, 2 baths), some wood siding, shake roof, linoleum baths and tile shower and kitchen sink, oil burning hot water radiation heating system.  
Owner—Withheld.  
Architect—Williams & Wastell, 337 17th St., Oakland.  
Contractor—F. A. Kurtz, 364 41st St., Oakland.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$3,500 each  
SAN FRANCISCO, 22 Santa Fe Ave. and SE Silver Ave.  
Eleven one-story frame and stucco residences.  
Owner and Builder—M. T. Struthers, 4250 Mission Street.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000  
SAN FRANCISCO. W. Sweeny St., N Merrill St.  
One-story and basement frame and stucco residence.  
Owner & Builder—David Schefski, 22 Arleta Way, San Francisco.  
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$8,500  
BURLINGAME, San Mateo Co., Cal. Lot 13 Block 14, Irving.  
Two - story frame and stucco residence.  
Owner—G. M. Marshall, San Mateo  
Architect—Not Given.  
Contractor—F. S. Marshall, 909 Ashbury St., San Francisco.  
Plumbing—Wm. Monihan, 1552 Fulton St., San Francisco.  
Electric Wiring—Eskline Elec Wks Middlefield Road, Redwood City.  
Heating—Burlingame Air Conditioning, 126 Calif. Drive, Burlingame.  
Tile Work—Ar T'ile & Mantel Co., 221 Oak St., San Francisco.  
Hardwood Flooring—Higgins Company, 1930 Van Ness Ave., San Francisco.  
Lumber—Sudden Lumber Co. 1601 Highway, Redwood City.

Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.  
Painting—J. Garnette, 1366 14th Ave., San Francisco.  
Lathing and Plastering—C. B. Henderson, 232 N Ellsworth St., San Mateo

**Sub Contracts Awarded**  
RESIDENCE Cost, \$22,756  
SAN FRANCISCO. N. Jackson, E Spruce St.  
Two-story frame and stucco residence.  
Owner—Charles Noble, care Contractor.  
Architect—W. W. Wurster, 360 California St.  
Contractor—F. S. Marshall, 909 Ashbury St.  
Roofing—Alta Roofing Co., 976 Indiana St.  
Plumbing—Wm. Monihan Co., 1552 Fulton St.  
Electric Wiring—Dowd-Seid Electric Co., 218 Mission St.  
Sheet Metal—Atlas Heating Co., 557 4th St.  
Glass—Cubbedick-Kibbe Co., Washington and Third Sts., Oakland.  
Hardwood Floors—Acme Floor Co., 1651 Mission St.  
Iron Grille Work—Kern Iron Wks., 517 6th St.  
Brick and Stone Work—Wm. Rainey & Son, 323 Clementina St.  
Grading—Devencenzi Bros., 150 Colma St.  
Lumber—Loop Lumber Co., 2001 Broadway, Alameda.  
Mill Work—Herring & Nutting.  
Painting—J. Carnette, 1366 14th Ave.  
Concrete—J. O'Connor & Son. All of San Francisco.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
PALO ALTO, Santa Clara Co., Calif. 402 Miramonte Ave.  
One and one-half story rustic and stucco residence, garage.  
Owner—B. J. Campbell, Mountain View.  
Architect—Chas McKenzie, Twohy Bldg., San Jose  
Contractor—David Bohannon, 1182 Market St., San Francisco

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
PALO ALTO, Santa Clara Co., Calif. 650 Santa Rita Ave.  
Two-story stucco and brick veneer residence, garage.  
Owner—A. Ducret, 424 University Ave., Palo Alto.  
Contractor—W. F. Klay, Deckernak Bldg., Palo Alto.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,500  
OAKLAND, Alameda Co., Calif.  
Two - story frame and stucco residence (six rooms).  
Owner and Builder—H. L. Crocker Jr., 30 Wilding Lane, Oakland  
Architect—Not Given

**Contract Awarded**  
RESIDENCE Contract Price, \$11,900  
HAYWARD, Alameda Co., Cal. Main Street.  
Two - story frame and rustic residence (6 rooms, 1 bath) gravel roof, warm air heating system, masonite floors, linoleum bath & kitchen.  
Owner—George A. Mays.  
Architect—Geo P. Simmonds 80 Main St., Hayward.  
Contractor—F. C. Little, 1960 B St., Hayward.

**Only Bidder**  
RESIDENCE Cost, \$6,000  
REDWOOD CITY, San Mateo Co., Cal.  
One - story frame and stucco residence, furnace, etc.  
Owner—Withheld

Architect—Vincent Raney, 233 Post St., San Francisco.  
G. W. Williams Co., 315 Primrose Road, Burlingame, submitted only bid, which has been taken under advisement.

**Preparing Plans**  
RESIDENCE Cost, \$.....  
SAN CARLOS, San Mateo Co., Cal. One - story frame and stucco residence (5 rooms, 1 bath) shingle roof, hardwood floors, tile baths, oil burning furnace, etc.  
Owner—Withheld.  
Architect—Vincent Raney, 233 Post St., San Francisco.

**15— SCHOOLS**

**CONTRACT AWARDED**  
LOS ANGELES, Calif.—Lovrich & Konjosev, 606 N. Kings Rd., awarded the contract by Los Angeles board of education, at \$79,097, for construction of a one-story frame and stucco classroom building at Latona Avenue School, 625 E. Avenue 43. A. S. Nibecker, Jr., architect.

**BIDS OPENED**  
SAN FRANCISCO.—Dept. of Public Works, Bureau of Building Repair, at \$2,756.88, submitted low bid, under Spec. No. 5358, for construction of a lunch room for the Raphael Weill School, O'Farrell and Buchanan Streets.

Bids were taken under the following proposition:  
As if ½-in. Acottite, or approved equal, asphalt tile floor is laid over entire area of lunch room. Tile shall be 12 in. x 12 in. with 8-in. border.

Complete bids follow:

Bureau of Building Repair.....	\$2,756.88
.....(a) add.....	367.00
H. L. Peterson Const. Co.....	3,287.00
.....(a) add.....	71.00
Leo Epp.....	3,295.00
.....(a) add.....	474.00
Harry A. Cohen.....	3,247.00
.....(a) add.....	404.00
Empire Constr. Co.....	3,370.00
.....(a) add.....	400.00
J. Harold Johnson.....	3,397.00
.....(a) add.....	398.00
O. Monson.....	3,668.00
.....(a) add.....	385.00

**Sub Contracts Awarded**  
RECONSTRUCT SCHOOL  
Cont. Pr., \$73,398

CROCKETT, Contra Costa Co., Calif. Reconstruction of center portion of Carquinez Grammar School.  
Owner—Carquinez Grammar School District.  
Engineers—Dewell & Earl, 55 New Montgomery St., San Francisco.  
Contractor—Karl S. Koller, Crockett, Granite—Cement Gun Construction Co., 9 Main St., San Francisco.

**Structural Steel and Misc. Iron—**  
Pacific Iron Works, 1155 6th St., Oakland.

**Reinforcing Steel—Brass Steel Co.**  
Roofing and Sheet Metal—Mastercraft Roofing Co., Box 1086, Richmond.  
Glass—W. P. Fuller Glass Co., 301 Mission St., San Francisco.  
Plumbing & Lathing—Fred A. Peterson, 1425 56th Ave., Oakland  
Plumbing—Oscar Pritz, Loring Ave., Crockett.  
Heating & Ventilating—T. Kennedy, Box 83, Martinez.  
Electric—Crockett Electric Shop, Valley St., Crockett.

**Plans Being Figured—Bids Close**  
February 1, 8 P. M.  
SCHOOL Cost, \$120,000  
LINDSAY, Tulare Co., Calif. (Lindcoln Junior High School).  
One - story reinforced concrete and structural steel jr. high school bldg. (composition roofing, steel

sash, metal lath and plaster walls and partitions, concrete and hardwood floors, etc.)  
Owner—Lindsay High School Dist. (M. A. Jenvy, Clerk).

Architect—H. L. Gogerty, 6272 Yuca Sta., Hollywood.

Bids will be received by the clerk and will be opened in the Board Room of the High School Building.

Work will be financed by a recently allotted PWA grant of \$52,000 and by a bond issue of \$60,000, reaffirmed on January 5.

#### Plans Approved

GYM & POOL Cost, \$287,000  
DAVIS, Yolo Co., Calif. College of Agriculture.

Class A reinforced concrete and steel gymnasium and enclosed swimming pool.

Owner—Regents of the University of California.

Architect—Wm. Hays, Crocker First National Bank Bldg., San Francisco.

Mechanical Engineer—T. J. Janes, University of California.

Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco.

Plans have been approved by the Regents and bids will be asked in about one week.

#### Bids Wanted — To Close February 8, 9 P. M.

GYMNASIUM Cost, \$20,000  
OAKDALE, Stanislaus Co., Calif.

One-story stucco gymnasium; shower and locker rooms.

Owner—Oakdale School District.

Architect—W. H. & Harold Weeks, 593 Market St., San Francisco.

#### New Bids Wanted — To Close February 4, 7 P. M.

SCHOOL Cost, \$15,000  
TALMAGE, Mendocino Co., Calif.

New school building.

Owner — River Union Elementary School District.

Architect — Norman R. Coulter, 46 Kearny St., San Francisco.

PWA approved grant of \$3,375.

Low Bidder—Charles Swanfeldt, Box 114, Ukiah—\$14,786.

All bids have been rejected that were opened November 23. Charles Swanfeldt, Ukiah, at \$14,786, was low bidder.

#### BIDS OPENED

ADDITION Cost, \$10,000  
BERKELEY, Alameda Co., Cal. 1775 Rose Street.

Additional bracing at Garfield Jr. High School Auditorium (concrete guniting).

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary) 2325 Milvia St., Berkeley.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.

Consulting Architect — W. C. Ambrose, Berkeley Board of Education.

Low Bidder—Fred J. Early, Jr. 369 Pine St., San Francisco.

Complete bids follow:  
Fred J. Early, Jr., S. F. \$9,961  
B. A. Howkins, S. F. 10,888

A. Nelson, Inc., \$12,972

C. N. Swenson Co., San Jose, 14,750

John E. Branagh, Piedmont, 17,100

Funds for the work will be provided by a recent PWA allotment of \$200,000.

Bids held under advisement.

#### Plans Awaiting State Approval

ALTERATIONS Cost, \$22,000  
BAKERSFIELD, Kern Co., Calif.

Addition of two new classrooms, combination auditorium, lunchroom and library, and remodeling of two existing classrooms.

Owner—Bakersfield Elementary Sch. District (Florence C. Porter, Secretary).

Architect — Charles H. Biggar, 554

Haberfelde Bldg., Bakersfield.

Plans have been approved by the city council and forwarded to the State Division of Architecture for approval.

#### BIDS OPENED

SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., 1999 Bryant St., at \$999, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5398, for re-roofing the McKinley School on Castro between Henry and 14th Streets.

Complete bids follow:  
J. W. Bender Roofing Co. \$999  
Malott & Peterson 1,030  
Alta Roofing Co. 1,122  
Empire Roofing Co. 1,280  
All of San Francisco.

#### Award Recommended

SCHOOL, GYM & AUDITORIUM  
MENDOCINO CITY, Mendocino Co., Calif.

One-story frame gymnasium and auditorium (concrete foundations, redwood shingle roof, top floor of maple, ground floor cement, electric wiring for auditorium and stage, stage bleachers, recreation room, offices, boys' and girls' washrooms, ground floor space, 6,890 sq. ft.).

Owner — Mendocino Union High Sch. District.

Architect — N. R. Coulter, 46 Kearny St., San Francisco.

PWA has approved grant of \$7,120 to assist in financing.

Low Bidder—Hannah & Woodridge, 268 Market St., S. F.—\$17,984.

Mendocino Union High School District awarded contract to low bidder, subject to PWA approval.

#### SUB BIDS WANTED

AVENAL, Kings Co., Calif.—Villadene Bros., Inc., 354 Hobart St., Oakland, desires sub bids on all portions of the work for the construction of the Lemoore Union High Sch. at Avenal, head of Seventh Street, for which bids will be opened February 6, 2 P. M.

Plans prepared by Architects W. H. & Harold Weeks, 593 Market St., San Francisco.

#### BIDS WANTED

SAN FRANCISCO.—Until January 27, 1:15 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5486, for moving bungalow from Aptos Junior High Sch., Unland Drive and Aptos Ave., to Fremont School, McAllister Street, between Broderick and Baker Sts.

Additional information may be obtained from the office of R. A. Chisholm, Superintendent of Public Buildings, 484 11th St., San Francisco

#### Project Approved

SCHOOL Cost, \$3  
SANTA MATEO, Park Blvd and Notre Dame Ave. (4.6-acre tract).

One-story frame and stucco elementary school building (8 classrooms, auditorium and kindergarten). Celotex walls and ceilings—each room 40x24 ft. (First unit, 3 classrooms).

Owner—Santa Mateo School District. Architect—Will H. Toepke, 537 Call Bldg., San Francisco.

The project has been approved by the PWA, but no funds are available as yet.

#### Additional Material Contracts

Awarded  
REHABILITATE SCHOOL \$6,000  
BERKELEY, Alameda Co., Calif.

Original rehabilitation of Lincoln School

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary).

Structural Engineer—Thos. F. Chace, Berkeley Board of Education. Consulting Architect — W. C. Ambrose, Berkeley Board of Education.

Additional material awards follow:  
Gleason Steel Products, 1310 63rd St., Oakland, \$1,355.30, for metal covered doors and trim, and metal windows.

C. U. Martin, 637 Minna St., San Francisco, \$996.04, for steam boilers. Oakland Sheet Metal Supply Co., 30th and West, Oakland, \$715.50, for miscellaneous and ornamental iron, copper, patent flue pipe, and miscellaneous materials.

Pan American Engr. Corp., 820 Parker St., Berkeley, \$329.52, for oil burners.

White Electric Co., 2305 Shattuck Ave., Berkeley, \$89.95, for miscellaneous materials.

#### Bond Election

ALTERATIONS Cost, \$.....  
MILL VALLEY, Marin Co., Calif.

Alterations and additions to Old Mill School (replaces brick with frame and stucco shingle roofing, etc.)

Owner—Mill Valley School District. Architect—Walter Falch, Hearst Bldg., San Francisco.

Mill Valley School District will vote Feb. 9 on a proposal to issue bonds in the amount of \$30,000, to finance construction of work.

#### Plans Being Figured — Bids Close February 1, 8 P. M.

SCHOOL Cost, \$120,000  
LINDSAY, Tulare Co., Calif.

One-story reinforced concrete junior high school building.

Owner—Lindsay High School District (M. A. Jenvy, Clerk).

Architect—H. L. Gogerty, 6272 Yuca Sta., Hollywood.

Bids will be received by the clerk and will be opened in the Board Room, High School Building.

A grant of \$52,000 was approved by the PWA recently.

#### Bids Wanted—To Close Feb. 6th, 2 P. M.

HIGH SCHOOL Cost, \$115,000  
AVENAL, KINGS CO., Calif. Head of Seventh Street.

New high school bldg. (frame construction) administration bldg., gymnasium and machine shops.

Owner—Lemoore Union High School District.

Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.

Bids are being taken on general contract, electric work and heating work. Midstate Const. Co., 245 Clinton Ave., Fresno, is figuring plans and desires sub-bids on or before February 2 on all portions of the work.

#### CONTRACT AWARDED

REDLANDS, San Bernardino Co., Calif.—T. C. Pritchard, 5260 Magnolia Ave., Riverside, at \$38,056, awarded contract by the Redlands school bd., subject to approval of PWA, for the construction of a reinforced concrete addition to the Lugonia school and to the Crafton school in Redlands.

Stanley Wilson, Riverside, Architect.

#### Preparing Preliminary Plans and Cost Estimates

ADDITIONS Cost, \$.....  
LODI, San Joaquin Co., Calif.

Additional to four existing elementary school buildings.

Owner—Lodi Grammar School Dist. Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Mr. Sala is preparing preliminary plans and cost estimates. A bond election will be called to vote bonds in the amount necessary to finance construction.



**NEW BIDS WANTED**

**FONTANA**, San Bernardino Co., Cal.—Jan 15, new bids will be received by the Fontana School District for a one- and part two-story reinforced concrete auditorium to be erected at Fontana elementary school, a PWA project. Architects Smith & Powell, Los Angeles. Bids previously received for the work on January 5 were rejected due to excessive costs. Peter P. Shelby was the low bidder at \$113,860.

**CONTRACT AWARDED**

**LOS ANGELES**, Cal.—J. W. Dahlquist, 2310 Duane St., awarded contract by the Los Angeles board of education at \$34,500 (accepting main bid and alternate No. 1) for construction of a one-story reinforced concrete auditorium at San Gabriel Avenue School, 8626 San Gabriel Ave. Architect W. J. Saunders; Structural Engineer Aaron J. Smith, and Mechanical Engineer O. W. Oit.

**Contract Awarded**

**SHOWER & LOCKER ROOMS**  
Contract Price, \$11,242

**MODESTO**, Stanislaus County, Calif. (Roosevelt School).

One - story frame and stucco girls' shower and locker room building (50x70 feet) reinforced concrete foundations and floors, composition roofing, cement plaster.  
Owner—Modesto City Board of Education (E. D. Abbott, Secretary) 14th and I Sts., Modesto.  
Architect—John J. Donovan, 950 Parker St., Berkeley.

Contractor—George Roek, 830 North Pacific Ave., P. O. Box 783, Stockton.

Complete bids follow:  
George Roek, Stockton.....\$11,242  
L. Ubels, Ripon.....11,389  
W. Dennison, Modesto.....11,422  
Cotner, Tomnitz & King, Modesto.....11,840

The contract includes all work except interior finish and fixtures, for which a separate contract will be let after July 1.

**16—BANKS, STORES AND OFFICES**

**Bids Wanted — To Close January 25, 12 Noon**

**OFFICE BUILDING** Cost, \$20,000  
**SELBY**, Contra Costa Co., Calif.

One-story frame and stucco office building (50 x 100 ft.), steel sash (addition to smelting plant).  
Owner—American Smelting & Refining Co., 405 Montgomery Street, San Francisco.

Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.

E. J. Freethy, 1301 Roosevelt St., Richmond, Calif., is figuring plans and desires sub bids on all portions of the work.

**Sub Contracts Awarded**

**OFFICE BLDG.** Cost, \$400,000  
**SAN FRANCISCO**, Sansome Street, between Pine and California.

Six-story Class A office building.  
Owner—Insurance Company of North America.

Architect — George W. Kelham, 315 Montgomery Street.

Structural Engineer—H. J. Brunner, Sharon Building.

Contractor—Indgren & Swinerton, Inc., 625 Standard Oil Bldg.

**Wracking**—Symon Bros., 1435 Market St.

**Test Holes**—J. B. Rogers Co., 110 Sutter St.

**Banking Fixtures and Millwork Bids Being Taken**  
**ALTERATIONS** Cost, \$25,000  
**EXETER**, Tulare Co., Calif.

Alterations and additions to present building for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.).  
Owner—Capital Co., 625 Market St., San Francisco.

Plans by the Construction Department of Owner.

Bids are now being received for banking fixtures and millwork. Bids on heating and ventilating are in and under advisement.

**Additional Sub Contracts Awarded**

**OFFICE BUILDING** Cost, \$.....  
**SAN FRANCISCO**, 210 Sansome St. Four-story reinforced concrete office building, to be constructed when wrecking of present building now on site is completed.

Owner—Louis R. Lurie.  
Lessee—Maryland Casualty Co.  
Architect—Wm. D. Pugh, 333 Montgomery St.

Contractor—Cahill Brothers, 206 Sansome St.

**Misc. & Ornamental Iron** — Anchor Post Fence Company, 460 Fifth Street.

**Elevators, Fronts and Car** — Pacific Elevator & Equipment Co., 45 Rausch St.

Complete sub bids awarded to date published December 30.

**Plans Being Prepared**

**ST-12 BLDG.** Cost, \$10,000  
**BURLINGAME**, San Mateo Co., Cal. 226 Lorton Avenue.

One-story store bldg. (display room)  
Owner—Clare F. Kemp (Distributor Goodyear Tire Co.)  
Architect—Not Given.

**To Be Done By Day's Work**  
**MARKET BLDG.** Cost, \$26,000  
**LODI**, San Joaquin Co., Calif. South School Street.

Modern market building (pressed brick walls and piers).

Owner—John Krause & R. J. Deese, Lodi.  
Architect—Not Given.

**Contract Awarded**  
**MARKET BLDG.** Cost, \$10,000  
**BERKELEY**, Alameda Co., Calif.

2020 San Pablo Ave.  
One-story market building.

Owner—Hazel A. Hansen, 1977 Hopkins St., Berkeley.

Lessee—Peninsula Stores, Inc., 4221 Horton St., Emeryville.  
Contractor—Danari & Swafford, 6515 Raymond St., Oakland.

**Bids Wanted — To Close January 26, 2 P. M.**

**STORE BUILDING** Cost, \$.....  
**SAN FRANCISCO**, West Portal Avenue.

One-story frame and brick veneer store building.

Owner—Martin Stelling.  
Architect—Francis E. Lloyd, 360 Pine St.

**SUB BIDS WANTED**

**SELBY**, Contra Costa Co., Calif.—Vladson Bros., Inc., 354 Hobart St., Oakland, desires sub bids on all portions of the work for the construction of the American Smelting & Refining Company's office building, at Selby, for which bids will be opened January 25, 12 noon.

Plans prepared by Architect Albert F. Roller, Crocker First National Bank Bldg., San Francisco.

**Contracts Awarded**  
**STORE** Cost, \$250,000  
**SANTA ROSA**, Sonoma Co., Calif. D and Fourth Streets.

Two-story steel frame and reinforced concrete department store bldg. (30 departments) complete air conditioning equipment, electric plant.

Owner—Fred Rosenberg, Santa Rosa.  
Architect—Hertzka & Knowles, 369

Pine St., San Francisco.  
Structural Engineer—W. W. Brelite, 120 Battery St., San Francisco.

Mechanical Engineer—Leland & Halley, 58 Sutter St., San Francisco.

Contractor—Moore & Roberts, 693 Mission St.

Segregated bids were taken and contracts awarded as follows:  
Electric—American Electric Constr. Co., 462 Bryant St.

**Structural Steel** — Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

Heating, Ventilating and Plumbing—Jas. A. Nelson, Inc., 1375 Howard St., San Francisco.

Painting—Raphael Co., 270 Tehama St., San Francisco.

**Elevators**—Otha Elevator Co., 1 Beach St., San Francisco.

**Sub Contracts Awarded**  
**STORE** Cost, \$40,000  
**OAKLAND**, Alameda Co., Calif. 17th Street and Broadway.

One-story and mezzanine floor concrete and steel store building composition roofing, etc.

Owner—Jamieson-Towle-Willoughby, Oakland and San Francisco.  
Architect—K. E. Ponsford, 900 Creed Road, Oakland.

Contractor—F. A. Muller, 1416 Jefferson St., Oakland.

**Glass**—W. P. Fuller, 301 Mission St., San Francisco.

**Steel Sash**—Drummet Metal Products Co., 4605 E. 48th St., Los Angeles. As previously reported.

**Lumber**—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

**Reinf. Steel**—Soule Steel Co., 1750 Army St., San Francisco.

**Concrete**—Nat. Lena, 114 19th St., San Francisco.

**Structural Steel**—Judson Pacific Co., 609 Mission St., San Francisco.

**Excavation** — Ariss-Knapp Co., 961 41st St., Oakland.

**Underpinning** — D. J. Succi, 2626 Ivy Dr., Oakland.

**Contract Awarded**  
**STORE** Cost, \$175,000  
**WALLA WALLA**, Wash. Third and main Streets.

Three-story, basement and mezzanine floor store building (reinf. conc. construction) white brick facing, terrazzo floor in basement.

Owner—Montgomery Ward & Company, Chicago.

Plans by Engineering Department of Owner (Robert R. Rowe, staff architect).

Contractor—Drake, Wyman & Voss, U. S. Bank Bldg., Portland.

Electric, ventilating, and plumbing fixtures to be installed under separate contracts.

**Contract Awarded**  
**RECONSTRUCTION** Cost, \$8500  
**SACRAMENTO**, Sacramento County, Calif. 712 J Street.

Reconstruction of fire damage at seed store.

Owner—F. Lagomarsino and Sons Feed Store, 712 J St., Sacramento  
Architect—Not Given.

Contractor—Frank Maloney, 3171 T St., Sacramento.

**Contract Awarded**  
**RECONSTRUCTION** Cost, \$15,000  
**SACRAMENTO**, Sacramento County, Calif. 718 K Street.

Reconstruction of third floor and repair of first and second floors to building recently damaged by fire.

Owner—F. W. Woolworth Co., Financial Center Bldg., San Francisco.

Plans by Engineering Department of Owner.  
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.

**Bids Wanted—To Close Jan. 25,**

**ALTERATIONS** Cost, \$3,500  
**HEALDSBURG.** Sonoma Co., Calif.  
 Alter store building.  
 Owner—Frank Gromo, Healdsburg.  
 Architect—John Easterly, Healdsburg  
 and Santa Rosa.

Following are figuring the plans:  
 Carl Sullivan, Route 4, Box 67-A,  
 Santa Rosa.

Amedeo Fordon, 312 Piper Street,  
 Healdsburg.  
 Jack Wright, Santa Rosa.

**Contract Awarded**  
**REMODEL OFFICE** Cost, \$12,000  
**PORTLAND, Oregon.**

Remodel stockbroker's office.  
 Owner—Dean Witter Co., 45 Mont-  
 gomery St., San Francisco.

Architect—Kent & Haas, Underwood  
 Bldg., San Francisco.

Contractor—Harry Capell, Worces-  
 ter Bldg., Portland.

**Plans Being Figured—Bids Close**

**January 21.**  
**ALTERATIONS** Cost, \$5,000  
**MODESTO.** Stanislaus Co., Cal. 1019  
 Ninth Street.

Remodeling one-story brick building  
 (new offices, new display rooms  
 etc.)

Owner—Chevrolet Motor Co.  
 Architect—G. N. Hilburn, 1213 I St.,  
 Modesto.

**Preparing Plans**

**STORE BUILDING** Cost, \$12,000  
**SANTA ROSA, Sonoma Co., Calif.**  
 Mendocino Avenue.

One-story reinforced concrete store  
 building, plate glass and tile  
 front, composition roof, wood  
 sash, etc.

Owner—Independent Order of Odd  
 Fellows.

Architect—John I. Easterly, Santa  
 Rosa and Healdsburg.

Bids will be asked in about three  
 weeks.

**Contract Awarded**

**STORE BLDG.** Cont. Price, \$9,645  
**BERKELEY, Alameda County, Cal.**  
 Euclid Ave., bet Hearst Ave. and  
 Ridge Road.

One-story frame store building.

Owner—Henry Schwartz, 13th and  
 Broadway, Oakland.

Lessee—Hagstrom's Food Store, Inc.  
 Architect—E. T. Foulkes, 357 12th  
 St., Oakland.

Contractor—Victor A. Kaufenberg,  
 80 E. 5th St., Pittsburg.

**Contract Awarded**

**OFFICE BLDG., ETC.**

Contract Price, \$9,851  
**SAN JOSE, Santa Clara Co., Calif.**  
 14th and Santa Clara.

Two-story frame and stucco build-  
 ing (doctor's offices on the first  
 floor; 4-room apartment on sec-  
 ond floor) hot air heat, tile and  
 built-up gravel roof, steel sash,  
 hardwood floors in apartment,  
 linoleum floors in offices.

Owner—B. E. and J. A. Tuggle, San  
 Jose.

Architect—Charles McKenzie, Twoby  
 Bldg., San Jose.

Contractor—W. H. Schwartz, 521 S  
 Eighth St., San Jose.

**To Ask Bids Shortly**

**ALTERATIONS** Cost, \$  
**SAN FRANCISCO, 1017 Market St.**  
 New store front and alterations and  
 improvements to interior.

Owner—Union Furniture Store, 1017  
 Market Street.

Architect—S. Chas. Lee, 25 Taylor St.  
 The owners will start taking bids  
 about January 21.

**Contract Awarded**

**STORE BLDG.** Cost, \$14,000  
**OAKLAND Alameda Co., Cal.** Le-  
 merc Blvd. and Arden Place.

One-story concrete and frame store  
 building (76x80-ft.)

Owner—Witheid.  
 Architect—E. T. Foulkes, 357 12th  
 St., Oakland.

Contractor—Wilbur Coe, 608 16th  
 St., Oakland.

**CONTRACT AWARDED**

**ALHAMBRA, Los Angeles Co., Calif.**

Ryder-Neilon Co., 1036 Ridgeley  
 Dr., Los Angeles, awarded contract  
 for a new 3-story, reinf. concrete unit  
 to be added to a building at 21 S.  
 First St., Alhambra, for the Southern  
 California Telephone Co., 740 S.  
 Olive St., Los Angeles. Plans pre-  
 pared by owner's engineering depart-  
 ment.

**Contract Awarded**

**SHOW ROOM** Cost, \$14,000  
**SAN FRANCISCO, West Bayshore**  
 Blvd. 100 N Cortland Ave.

One-story Class C showroom.  
 Owner—Wm. V. Helder, 351 Mont-  
 gomery Street.

Engineer—W. H. Ellison, 821 Mar-  
 ket Street.

Contractor—Barrett & Hulp, 918 Har-  
 rison Street.

**19—MISC. CONSTRUCTION****BIDS OPENED**

**SACRAMENTO.**—Pacific Dry Dock  
 & Repair Co., foot of 14th Ave.,  
 Oakland, at \$1,077.47, submitted low  
 bid to the U. S. Engineer Office,  
 Lieut.-Col. L. B. Chambers, District  
 Engineer, Sacramento, under Bid  
 No. 1105-37-157, for drydocking, paint-  
 ing, and repairing the U. S. Engi-  
 neer Department Booster Barge "U."

General Engineering & Dry Dock Co.,  
 San Francisco, at \$1,208.50, sub-  
 mitted the only other bid.

Engineer's estimate, \$1,670.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—General Engi-  
 neering & Dry Dock Co., 1109 San-  
 sonne Street, at approximately \$175,-  
 000 awarded contract by the Army  
 Transport Service, Fort Mason, for  
 general repairs and installations on  
 the U. S. "Grant", including loud  
 speaker system, mechanical equip-  
 ment for handling lifeboats, fire  
 protection and sprinkling system.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Jan.  
 19, 3 P. M. bids will be received by  
 the U. S. Engineer Office, Lieut.-  
 Col. L. B. Chambers, District Engi-  
 neer, 208 Post Office Bldg., Sacra-  
 mento, under Bid No. 1105-37-157,  
 for drydocking, painting, and repair-  
 ing the U. S. Engineer Department  
 Booster Barge "U."

Specifications obtainable from the  
 above office.

**CONTRACTS AWARDED**

**LOS ANGELES COUNTY, Cal.**—  
 The Southern California Edison Co.,  
 Edison Bldg., Los Angeles, announc-  
 ed the award of three contracts in  
 connection with the proposed 165,000  
 kilowatt transmission line between  
 Boulder Power Plant and the com-  
 pany's substation at Chino. The  
 proposed line will have a length of  
 28.5 miles and cost \$3,750,000. The  
 contracts awarded are:

Steel towers, about 6500 tons, to  
 Bethlehem Steel Co.

Aluminum conductor, steel rein-  
 forced, about 700 miles, to Alumi-  
 num Co. of America.

Ground wire, 469 miles, one-half  
 to Joshua Co. of California and one-  
 half to Pacific Wire Rope Co.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Jan. 27,  
 10 A. M. bids will be received by  
 N. Krenkel, Material Officer, U. S.

Marine Hospital, 14th Avenue and  
 Lake Street, for overhauling of two  
 water feed pumps.

Specifications obtainable at Room  
 113, Marine Hospital.

**Bid Opening Extended Until Today**

**ADDITION** Cost, \$15,000

**LAWDALE, San Mateo Co., Calif.**

Cypress Lawn Cemetery.

Addition to crematorium.  
 Owner—Cypress Lawn Cemetery As-  
 sociation.

Architect—Albert R. Williams, 251

Post St., San Francisco.

Following are figuring plans:

Dimwiddle Constr. Co., 210 Crocker

Bldg., San Francisco.

Tom Broderick, 1528 Cypress Ave.,

Burlingame.

Larsen & Larsen, 233 Bryant St.,

San Francisco.

H. H. Larsen, 64 South Park, San

Francisco.

E. H. Nelson, San Francisco.

Nels P. Johnson, San Francisco.

**Contract Awarded**

**LAUNDRY** Cost, \$—

**VISALIA, Tulare Co., Calif.** East

Mineral King Avenue.

Two-story brick and steel modern-

ized laundry and dry cleaning plant

(100x125 feet) offices on

second floor.

Owner—Visalia Steam Laundry and

Dry Cleaning Company.

Architect—David Horn, 433 Rowell

Bldg., Fresno.

Contractor—J. J. Bedel, 1018 East

Mineral King Ave., Visalia.

**To Be Done By Day's Work**

**COTTON GIN** Cost, \$35,000

**KINGSBURG, Tulare Co., Calif.**

Cotton gin, plant and office (steel

construction).

Owner—San Joaquin Ginning Co.,

Los Angeles (Roy Stevens, field

manager, northern division).

Architect—Not Given.

Contractors interested in the work

should contact Mr. Sherrill, Fresno,

gin manager. Construction will start

in about four months.

**Plans Being Figured—No Closing**

**Date Set.**

**SWIMMING POOL** Cost, \$

**HILLSBOROUGH, San Mateo Co.,**

Calif. The Carolands.

Swimming pool, bath house and al-

terations to guest house and

barbecue house.

Owner—Walter Foster, care archi-

tect.

Architect—Angus McSweeney, 604

Mission St., San Francisco.

Plans are being figured by the

following selected list of contrac-

tors:

A. F. Mattock Co., 212 Clara St.,

San Francisco.

Geo. W. Williams Co., 315 Prun-

rose Ave., Burlingame.

H. Bessett Bldg. Co., 826 Wal-

nut Ave., Burlingame.

Dimwiddle Const. Co., Inc., 210

Crocker Bldg., San Francisco.

**BID OPENING POSTPONED**

**EUREKA, Humboldt Co., Calif.**—

Until January 26, 3 p. m., date pos-

toned from January 19, bids will be

received by the U. S. Engineer Office,

Lieut.-Col. J. A. Dorst, District En-

gineer, 401 Custom House, San Fran-

cisco, under Bid No. 868-37-125, for

removing construction sheds and for

the sale of miscellaneous equipment

and supplies located at the U. S. En-

gineer camp sites at the inner ends

of the north and south jetties of the

entrance to Humboldt Bay, near

Eureka.

Arrangements for the inspection

of the property may be made through

the above office or Mr. O. Peitz,

North Jetty Camp, U. S. Engineer

Department, Eureka.

**Painting Contract Awarded**  
**RADIO STATION** Cont. Pr., \$15,000  
**SAN FRANCISCO.** West Bay View  
 Plk.

One-story and basement reinf. concrete radio broadcasting building. Owner—Hearst Radio, Inc., Hearst Building.

Architect—Miss Julia Morgan, Merchants' Exchange Bldg.

Engineer—V. I. Huber, First National Bank Bldg.

Contractor—F. C. Stolte Company, 1405 San Antonio Ave., Alameda.

Painting—A. Quandt & Sons, 374 Guerrero St.

Complete sub contracts published November 24.

**Bids In — Held Under Advertisment**

**ADDITION** Cost, \$15,000  
**LAWDALE.** San Mateo Co., Calif.  
 Cypress Lawn Cemetery.

Addition to crematorium. Owner—Cypress Lawn Cemetery Association.

Architect—Albert R. Williams, 251 Post St., San Francisco.

Announcement will be made with in a few days.

**Contract Awarded**

**SAN JOAQUIN CO., Calif.**—Parnell Company, Stockton, at \$2,546, awarded contract by the County of San Joaquin, Eugene D. Graham, Co. Clerk, for constructing a Ferry Tender's house at the Clifton Court Ferry on the Contra Costa County side of Old River, about 12 miles northwest of Tracy and 7 miles southeast of Byron.

Complete bids follow:  
 Parnell Co., Stockton ..... \$2,546  
 Ecker Bros., Stockton ..... 2,614  
 H. E. Vickroy, Stockton ..... 2,625

**20—MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**

**OAKLAND, Alameda Co., Calif.**—Albert C. Moe, fob. of 7th Avenue, Oakland, at \$272 per bbl, total, \$2,720, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, for furnishing 1,000 bbls. of portland cement.

**BIDS OPENED**

**SAN FRANCISCO.**—Identical bids at \$7.11 per c.y., \$2.25 per load, 15 minutes free standing time and \$3 per hour standing time thereafter, discount 2%, 30 days, were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1721, for furnishing approximately 9,309 c.y. plant-mixed concrete, Classes B and E, for WPA projects.

The bidders were: Golden Gate Atlas Materials Co., John Cassara Co., S. F. Gravel, Ready-Mix Concrete, Bode Gravel Co., and Consumers Rock & Cement Co.

Bids held under advisement

**BIDS OPENED**

**KERN COUNTY, Calif.**—Westinghouse Electric Supply Co., 269 Fifth St., San Francisco, at \$2,831.74 submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3099, for furnishing necessary floodlights for general area floodlighting for the Kern Co. Airport, Bakersfield, and ten ponds flushing transformer compound.

Graham Reynolds Electric Co., at \$3,102.06, discount \$801, 20 days, submitted the only other bid

**LOW BIDDER**

**SANTA BARBARA, Cal.**—Southwest Welding & Manufacturing Co., 3201 W. Mission Rd., Alhambra, submitted the low bid to the Santa Barbara city council at \$6151 for furnishing approximately 36,000 pounds of fabricated structural plates, etc.,

approximately 135 feet of 9-in. screw conveyors with driving mechanisms and approximately 240 feet of 6-in. screw conveyors with driving mechanisms for Sheffield reservoir and filtration plant, a PWA project.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Pennsylvania Transformer Co., at \$21,421 was awarded contract by the Los Angeles Water & Power Commissioners for furnishing transformer radiators under Spec. No. 2152.

**BIDS OPENED**

**SACRAMENTO, Sacramento Co., Calif.**—Del Paso Rock Products Co., H St. Road, Sacramento, at \$3.46 per ton net, submitted low bid to the Sacramento City Council for furnishing 5,000 tons of asphaltic concrete mix, for the Street Maintenance Division.

A. Teichert & Son, Inc., Sacramento, at \$3.50 per ton net, submitted the only other bid.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 568-37-140, for furnishing connecting rods, crossheads, slippers with bolts, and piston rods, fob contractor's plant:

Bethlehem Shipbuilding Co. \$2,140 delivery in 21 days.  
 Moore Dry Dock Co. \$2,160; delivery in 28 days.  
 Columbia Machine Works \$2,413; delivery in 35 days.

General Engineering & Dry Dock Co. \$2,529; delivery in 30 days.

Union Machine Works \$1,767; delivery in 50 days.  
 Elbert Machine Co., Baltimore, Md. \$3,120; delivery in 35 days

Bids held under advisement

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, for furnishing:

(1) Oxygen, per 100 cu ft. 11;  
 (2) Acetylene, per 100 cu ft. 11;  
 (3) Hydrogen, per 100 cu ft. 11;  
 Stuart Oxygen Co., 211 Bay St., San Francisco: (1) \$1.10; (2) \$2.40; (3) \$1.44.

Air Reduction Sales Corp.: (1) \$1.17; (2) \$2.46; (3) \$1.54.

Linde Air Products Co.: (1) \$1.30; (2) \$2.55; (3) no bid.

Ohio Chemical Co.: (1) \$1.40; (2) \$3.60; (3) no bid.

**BIDS OPENED**

**SAN FRANCISCO.**—Identical bids at \$24.64 were received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 865-37-137, for furnishing 108 pieces of seamless steel pipe, fob Fr Funston.

The bidders were: United Pipe & Supply Co., Tav-Holbrook Co., Crane Co., Pacific Pipe Co., Duncannon Metals & Supply Co., Dunham, Carrigan & Haven Co., Standard Supply Co., Walworth-California, Co., General Machinery & Supply Co., Gilmore Steel & Supply Co. and P. E. O'Hair & Co.

**BIDS OPENED**

**PYRAMID LAKE PROJECT** Nevada  
 Bids for furnishing one metal slide gate, 26-in. high 48-in. wide, complete with bolst for Pyramid Lake Project, Nevada, were opened by the U. S. Indian Irrigation Service, Los Angeles, under Invt. No. 0367. The bids were:  
 B. J. Priestley Mfg. Co., Salt Lake City—\$87.50 fob. Denver (telegraphic bid).

California Corrugated Culvert Co., Berkeley—\$141.36 fob. West Berke-

**CONTRACT AWARDED**

**EUREKA, Humboldt Co., Calif.**—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, was awarded contract by the U. S. Indian Irrigation Service, Los Angeles, at \$1283.23 fob West Berkeley, for furnishing welded steel slip joint drive end pipe under Inv. No. 0364 for Eureka.

**BIDS OPENED**

**COVINA, Los Angeles Co., Cal.**—Identical bids at \$1.15 per foot, laid in trench, were received by the Covina City Council for furnishing 4,000 ft. 12-in. I. D. 10-gauge, blue annealed steel pipe, joints welded. The bidders were: Western Pipe & Steel Co., Consolidated Steel Corp., American Pipe & Steel Co., West Coast Pipe & Steel Co., Southern Pipe and Casing Co. (all straight weld, pipe in 24-foot sections, and California Corrugated Culvert Co., spiral seam, pipe in 40-ft. lengths.

**BIDS OPENED**

**LOS ANGELES.**—Six bids were submitted to the Los Angeles county supervisors for furnishing 20,000 bbls. portland cement to be used in the construction of the spillway at San Gabriel Dam No. 1, fob. district freight yard at Azusa, County Flood Control District.

Blue Diamond Corp., Ltd.—\$2,716 barrel; total, \$71,148; discount, 20c bbl.; net total, \$65,148; freight rate, 4c wtt.

Other bids were identical with the above with the exceptions noted below:

Monolith Portland Cement Co. — Freight rate, 3½c wtt.

California Portland Cement Co. — Freight rate, 3½c wtt.

Riverside Cement Co. — Freight rate, 3½c wtt.

Southwestern Portland Cement Co. — Freight rate, 5½c wtt., or 20.9c bbl.

Graham Bros., Inc.—Freight rate, 4c bbl.

**BIDS OPENED**

**LOS ANGELES.**—Six bids were submitted to the Los Angeles county supervisors January 19 for furnishing 12,000 bbls. portland cement to be used in the construction of the outlet works at San Gabriel Dam No. 1, County Flood Control District. The bidders were:

Riverside Cement Co.—\$2.32 bbl.; total, \$27,840; discount, 20c bbl.; net total, \$25,540. Bid based on freight rate of 3½c wtt.

Other bids were identical with above with the exceptions noted below:

Southwestern Portland Cement Co. — Freight rate, 5½c wtt., or 20.9c bbl.

California Portland Cement Co.— Freight rate, 3½c wtt.

Monolith Portland Cement Co. — Freight rate, 3½c wtt.

Blue Diamond Corp., Ltd.—Freight rate, 4c wtt.

Graham Bros., Inc.—Freight rate, 4c wtt.

**CONTRACT AWARDED**

**ALHAMBRA, Los Angeles Co., Cal.**—American Pipe and Steel Corp. 250 Date Ave., Alhambra, submitted low bid and awarded contract by the Alhambra City Council at \$15,718.41 for furnishing 4900 ft. 16-in. steel pipe to be used to carry water from Keweenaw canyon. The other bids were: Southern Pipe & Casing Co., \$15,812.41.  
 Laev Mfg. Co., \$15,994.08.  
 Western Pipe & Steel Co., \$16,097.29

Consolidated Steel Corp., \$16,268.11

Southwest Welding & Mfg. Co. \$16,405.55

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Irrigation Proj.
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light Systems	33.—Water Works
25.—Machinery and Disposal Plants	34.—Parks & Playgrounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

### LOW BIDDERS

WASHOE CO., Nev.—Silver State Const. Co., Inc., Fallon, at \$49,378 submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of the Lake Street Bridge across Truckee River in Reno.

Total bids follow:

Silver State Const. Co., Inc., Fallon	\$49,378.00
I. Christensen, Reno	50,293.50
Gibbons & Reed, Salt Lake City	55,518.50
Dodge Constr. Co., Fallon	65,042.00
Engineer's Estimate	51,433.00
J. F. Knapp, Oakland	52,595.50

Bids held under advisement.  
Unit bids will be given shortly.

### LOW BIDDERS

WASHOE CO., Nev.—J. F. Knapp Co., 1401 Park Ave., Oakland, at \$66,182 submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of the Sierra Street Bridge across Truckee River in Reno.

The three low bids follow:

J. F. Knapp, Oakland	\$66,182.00
I. Christensen, Reno	70,523.00
Gibbons & Reed Co., Salt Lake City	75,491.00
Dodge Constr. Co., Fallon	80,843.00
Engineer's Estimate	70,041.00

Bids held under advisement.  
Unit bids will be given shortly.

### BIDS REJECTED

PACIFIC CO., Wash.—L. V. Murrow, Director of Highways, Olympia, has announced the rejection of all bids received December 22, for construction of a vertical lift steel bridge with treated pile and timber approach on about 0.2 mile of State Road No. 12, Naselle River Bridge, Pacific County.

Teufel & Carlson, Skinner Bldg., Seattle, at \$220,884, submitted the lowest bid.

### BIDS OPENED

SAN FRANCISCO—Following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 979, for furnishing one 100-ft. continuous beam, structural steel span for the Bull Creek Bridge, f.o.b. bidder's shipping point and/or Merced:

Minneapolis Moline Power & Implement Co.—\$1,241, 23,000 lbs.; f.o.b. Minneapolis.
Judson Pacific Co.—\$1,239, 25,000 lbs.; f.o.b. Berkeley.
Schrader Iron Works—\$1,330, 23,000 lbs.; f.o.b. San Francisco.
Bethlehem Steel Co.—\$1,375, 23,490 lbs.; f.o.b. Alameda.

Herrick Iron Works—\$1,140, 24,500 lbs.; f.o.b. Oakland.

Golden Gate Iron Works—\$1,125, 23,000 lbs.; f.o.b. San Francisco; discount,  $\frac{1}{2}$  of 1%, 10 days.

Independent Iron Works—\$1,179, f.o.b. Oakland; \$1,204, f.o.b. Merced; 25,000 lbs.; discount,  $\frac{1}{2}$  of 1%, 10 days.

### BIDS OPENED

SAN FRANCISCO—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 976, for furnishing (1) structural Douglas fir lumber for Balch Road Bridge No. 1, and (2) structural Douglas fir lumber for Balch Road Bridge No. 2, f.o.b. bidder's shipping point and/or Fresno:

E. K. Wood Lumber Co.—(1) \$470.76, f.o.b. Cottage Grove, weight 52,931 lbs., discount 2% 20 days; (2) \$549.63, f.o.b. Cottage Grove, weight 61,836 lbs., discount 1% 20 days; delivery in 30 days.

Loop Lumber Co.—(1) \$443.75, wt. 50,000 lbs.; (2) \$529, weight 62,400 lbs.; f.o.b. Toledo; discount, 2% 30 days; delivery in 30 days.

McCormick Supply Co.—(1) \$893.33; (2) \$932.33; f.o.b. Coquille; 12,000 lbs.; delivery 30 days.

James L. Hall Co.—(1) \$599.47, 2% 20 days; (2) \$690.12, 1% 30 days; combined weight, 125,000 lbs.; f.o.b. Portland; delivery in 6 days.

### CONTRACTS AWARDED

STATE OF WASHINGTON.—Bids for bridge construction were opened by L. V. Murrow, Director of Highways, Olympia, January 12, and contracts awarded as follows:

Benton & Franklin Counties—Re-decking and painting the existing bridge between Kennewick and Pasco on State Road No. 3, involving about 620 cu. yd. of concrete, 445,000 lbs. of structural carbon steel, 201,500 lbs. of steel reinforcing bars, 3 MFMB of untreated timber and lumber and other items.

Awarded: Parker - Schram Concrete Couch Bldg., Portland, \$72,732. Walla Walla County—Widening six bridges on State Road No. 3, Walla Walla to Wallula, involving about 733 cu. yd. of concrete, 106,000 pounds of steel reinforcing bars, 3,040 lin. ft. of precast concrete piling and other items.

Awarded: Henry Hagman, Cashmere, \$53,542.

### BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until January 27, 7:30 p.m., bids will be received by the Modesto City Council, H. C. Gragg, City Clerk, 717 10th St., for the reconstruction for a reinforced concrete bridge on Col-

lege Ave. across the Modesto Irrigation District Lateral No. 4. Estimated cost, \$3,700.

Plans and specifications obtainable from the office of the City Engineer upon deposit of \$10.

### CONTRACT AWARDED

WASHOE CO., Nev.—J. F. Knapp Co., 1401 Park Ave., Oakland, at \$66,182, awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of the Sierra Street Bridge across Truckee River in Reno.

Complete total bids follow:

J. F. Knapp, Oakland	\$66,182.00
I. Christensen, Reno	70,523.00
Gibbons & Reed Co., Salt Lake City	75,491.00
Dodge Constr. Co., Fallon	80,843.00
Engineer's Estimate	70,041.00

Unit bids will be published shortly.

### CONTRACT AWARDED

WASHOE CO., Nev.—Silver State Const. Co., Inc., Fallon, at \$49,378, awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of the Lake Street Bridge across Truckee River in Reno.

Complete total bids follow:

Silver State Const. Co., Inc., Fallon	\$49,378.00
I. Christensen, Reno	50,293.50
Gibbons & Reed, Salt Lake City	55,518.50
Dodge Constr. Co., Fallon	65,042.00
J. F. Knapp, Oakland	52,595.50
Engineer's Estimate	51,433.00

Unit bids will be published shortly.

### BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 25, 3 p.m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing approximately 215,000 lbs. of fabricated steel and other metal work incidental to the steel framework in the floor system of the Brand Blvd. bridge (west unit). Prices are to be quoted shipping on government bills of lading at contractor's expense and shipping at contractor's expense. Bid bond, 10% must accompany bid. Circ. Prop. No. 249. 21

### CONTRACT AWARDED

COLUSA CO., Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$270, submitted low bid and awarded contract by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 982, for furnishing one structural steel, 30-ft. beam span, for the Bartlett Creek Bridge.

Complete bids follow:

Golden Gate Iron Works—\$270, f.o.b. S. F.; weight, 5600 lbs.
Judson Pacific Co.—\$250, f.o.b. S. F.; weight, 6000 lbs.
California Steel Products Co.—\$327, f.o.b. S. F.; weight, 5500 lbs.
Schrader Iron Works, Inc.—\$340, f.o.b. S. F.; weight, 6400 lbs.
Minneapolis Moline Power & Implement Co.—\$400, f.o.b. Minneapolis; weight, 6000 lbs.

### BIDS WANTED

KERN COUNTY, Calif.—Until January 25, 2 p.m., bids will be received by F. F. Moran, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 983, for furnishing structural Douglas fir lumber for Kern River Bridge. \* follows:

Capital City  
Title Company

JAMES E. BANCROFT

Manager

14 Seventh Street

Sacramento : California

89,358 bd. ft. for main span, and 18,603 bd. ft. for approach span. Delivery f.o.b. bidder's shipping point and/or Bakerfield.

Specifications obtainable from the above office.

## 22—DREDGING HARBOR WORKS, EXCAVATION

### BIDS OPENED

**BERKELEY, Cal.**—Roberts Island Dredging & Improvement Co. 508 1/2 St., Antioch, at \$11 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3128, for the rental of one clamshell dredger, delivered afloat at Berkeley Yacht Harbor, for use on WPA project.

Franks Contr. Co., San Francisco, at \$16.50 per hour submitted only other bid.

### PLANNED

**WASHINGTON, D. C.**—The U. S. Army Engineer Chief, Major Gen. Edward Markham, has recommended that \$1,500,000 be expended for the construction of two initial units in a chain of commercial seaplane harbors in the Pacific Ocean. He recommends \$1,000,000 to be expended for the development of such a harbor at Wake Island and \$500,000 at Midway Island. They will be dredged from 20 to 22 feet, with suitable breakwaters.

### BIDS WANTED

**ALAMEDA, Alameda Co., Calif.**—Bids are being received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8414, for dredging at the Naval Air Station, Alameda. Estimated cost, \$1,000,000.

Plans and specifications obtainable from the above office and will be available from the office of the Commandant, 12th Naval District, Federal Office Bldg., San Francisco.

## 23—CANALS

### BIDS WANTED

**ALL-AMERICAN CANAL.**—Until February 15, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 708, for the construction of drops and power plant substructures at drops Nos. 2, 3, 4 and 5, All-American Canal System, Boulder Canyon Project.

The work is located near Yuma, Ariz. and Calexico, Calif., and the principal items of work involved are:

- (1) 149,860 c.y. excavation;
- (2) 90,660 c.y. backfill;
- (3) 39,160 c.v. concrete;
- (4) 4,960 sq. yds. dry-rock paving;
- (5) 3,340 c.y. reverse filters;
- (6) Placing 4,462,000 lbs. reinf. bars;
- (7) Placing 29,275 lf. metal joint seals;
- (8) Placing 16,400 sq. ft. welded elastic joint filler;
- (9) Laying 1,596 lf. 8-in. and 15-in. sewer pipe;
- (10) Driving 2,148,000 lbs. steel sheet piling;
- (11) Fabricating and driving 165 M. F. B. M. timber sheet piling;
- (12) Driving 114,000 lf. timber foundation piles;
- (13) Installing 228,400 lbs. radial gates and hoists;
- (14) Installing 200,000 pounds metal-work;
- (15) Installing 4400 lbs. ground wires
- (16) Installing 3,800 lf. elec. metal conduit;
- (17) Installing 350 lbs. elec. conductors.

The work shall be commenced within 30 calendar days and com-

pleted within 660 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Denver, or Washington, D. C. without charge to prospective bidders; to others, \$3.05, not returnable.

## 25—MACHINERY AND EQUIPMENT

### BIDS OPENED

**ALCATRAZ ISLAND.**—Charles M. Bailey Co., 667 Folsom St., at \$58.95 on Item 1, and the Ross Heater & Mfg. Co., Inc., 625 Market St., at \$50 on Item 2, submitted low bids to the Bureau of Prisons, J. A. Johnston, Warden, Alcatraz Penitentiary, under Bid No. 862, for furnishing one multicolor type oil heater and one thermostatic temperature regulator, f.o.b. Dock No. 1, Fort Mason.

Complete bids follow:  
 Charles M. Bailey Co.—(1) \$58.95; (2) \$55.15.  
 Ross Heater & Mfg. Co.—(1) \$173.50; (2) \$50.

Fulton Sipbon Co.—(1) no bid; (2) \$37.50.

Whitlock Coil Pipe Co.—(1) \$226.60; (2) \$57.50.

Bethlehem Shipbuilding Corp.—(1) \$200; (2) no bid.

### BIDS OPENED

**CASPER-ALCOVA PROJECT, Wyo.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 553-D, for furnishing (1) one portable oil purifier, and (2) one filter paper drying oven, for installation in the Seminoe power plant, Casper-Alcova Project, Wyoming:

Goulds Pumps, Inc., Seneca Falls, N. Y.—(1) \$2,300, f.o.b. Seneca Falls; (2) \$125, f.o.b. Pittsfield, Mass.

DeLaval Separator Co., Chicago—(1) \$2,490, alternate \$2,350, both f.o.b. Poughkeepsie, N. Y.; (2) \$125, f.o.b. Pittsfield.

Westinghouse Elec. & Mfg. Co., Denver—(1) \$2,665, f.o.b. Philadelphia; (2) \$100, f.o.b. Pittsfield.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1723, for furnishing two sets of steam turbine driven centrifugal boiler feed pumps for the San Francisco Hospital:

Merrill Co., \$903.20 each; total, \$1,806.40; delivery in 7 weeks; net.  
 Woodin & Little, \$939 each; total, \$1,879; delivery, 45 days; 1% 30 days.  
 Geo. E. Sweet Co., \$990 each; total, \$1,980; delivery, 30 days; net.

Wesco Pump Sales Co., \$1100 each; total, \$2,200; delivery, 35 days; net.

De Laval Steam Turbine Co., \$1172 each; total, \$2,346; delivery, 70 days; net.

United Iron Works, \$1,187 each; total, \$2,374; delivery, 30 days; net.  
 Byron Jackson Co., \$1,358; total, \$2,716; delivery, 30 days; net.

Allis Chalmers Mfg. Co., \$1,356 each; total, \$2,712; delivery, 60 days; net.

Washington Pump & Machinery Co., \$1,558 each; delivery, 25 days; net.

### BIDS OPENED

**SALT RIVER PROJECT, Arizona.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 563-D, for furnishing two 72-inch diam welded steel outlet pipes for installation in the outlet works at the Bartlett Dam, Salt River Project, Arizona.

Consolidated Steel Corp., Ltd., Los Angeles—\$9,732, f.o.b. Los Angeles; net.

Chicago Bridge & Iron Co., Chicago—\$7,350, f.o.b. Birmingham; net.  
 Lacy Mfg. Co., Los Angeles—\$8,700, f.o.b. Los Angeles; net.

Berkeley Steel Constr. Co., Inc., Berkeley—\$10,092, f.o.b. Berkeley; discount, 1/2%.

Koppers Co. (Western Gas Division), Fort Wayne, Ind.—\$11,235, f.o.b. destination; net.

Southwest Welding & Mfg. Co., Inc., Alhambra—\$8,362, f.o.b. Alhambra; discount, 1% 30 days.

John W. Beam, Denver—\$7,725, f.o.b. Chicago; discount, 1/4%.

Alco Products, Inc., New York—\$7,300, f.o.b. Dunkirk, N. Y.; net.

Emaco Derrick & Equipment Co., Los Angeles—\$9,560, f.o.b. Los Angeles; net.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-136, for furnishing one distant mechanical control type, 18-inch searchlight, fob Pier 27, San Francisco Waterfront:

Graybar Electric Co., \$225; delivery in 15 days.

Carlisle & Finch, Cincinnati: \$228; delivery in 21 days.

Guglielmo Lighting Fixture Co.: \$337.50; delivery in one day.

Sperry Gyroscope Co.: \$340; delivery in one day.

Marine Electric Co. \$340; no delivery time stated.

Bids held under advisement.

### BIDS OPENED

**SAN FRANCISCO.**—The following bids received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3159, for the rental of one 35- to 45-h.p. diesel-driven tractor, crawler type, with bulldozer and scraper, for use on WPA projects, fob Zoological Gardens.

A. S. Willit, 225 Thornton St., San Francisco, \$4.23 per hour; net.

S. F. Grading Co., San Francisco: \$4.75; net.

T. H. Farish, San Francisco: \$4.50; net.

W. A. Trimble, San Francisco, \$4.50; net.

W. E. Gilmore & Son, \$4.75; net.  
 Guerin Bros., San Francisco \$4.90; net.

C. Mankel, Sacramento \$5.25; discount, 1/2% 20 days.

E. Consani, San Francisco: \$5.25; discount, 2% 30 days.

Cornet Tractor: \$5.35; discount, 2% 20 days.

Bay Equipment Co., San Francisco \$5.50; net.

Paul Tehl, San Francisco: \$6.20; discount, 3% 20 days, 2% 30 days.

Thomas Bros., Berkeley: \$7.25; discount, 1/2% 20 days.

### BIDS OPENED

**DINUBA, Tulare Co., Calif.**—Following bids received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3156, for the rental of one sheen's foot tamper roller for use on WPA projects, fob Tulare Co. Road Yard, Dinuba:

Eaton & Smith, San Francisco: \$70 per month; net.

Guerin Bros., San Francisco \$90; net.  
 Rexroth & Rexroth, Bakerfield: \$95; net.  
 Pombro Bros., San Francisco: \$170; net.

### BIDS OPENED

**SAN FRANCISCO.**—DeWalt Machinery Co., 1061 Folsom St., at \$40 per month, submitted low bid to the Procurement Office, Treasury Dept.

Room 514, 49 Fourth St., under Bid No. 3158, for the rental of one direct drive saw for use on WPA projects, fob Zoological Gardens, Sunset Blvd. near Skyline, San Francisco.

Harron, Rickard & McConne, at \$75 per month, submitted the only other bid.

#### BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3185, for the rental of one air compressor, complete with electric power unit and air receiver, for use on WPA project, fob Old Post Office Bldg., San Jose:

Chas. L. Nilson, \$78 per month; net.

Bay Equipment Co., San Francisco; \$100 per month; net.

William J. Schiller, \$25 per day; net.

W. H. Cowan, \$27.90 per day; net.

#### BIDS OPENED

HAYWARD, Alameda Co., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3126, for the rental of one crawler type tractor, with bulldozer, fob Palomares Road, 1.5 miles south of Stonybrook School, 6 miles east of Hayward, for use on WPA projects:

C. L. Jordan, San Francisco, \$3.35, net.

Independent Const. Co., Oakland, \$3.45, net.

E. H. Baker, Santa Rosa, \$3.50; discount, 2% 30 days.

Lee J. Immel, Berkeley, \$3.67, net. Cornell Tractor Co., \$3.85; 2% 30 days.

A. L. Green, Oakland, \$3.95, net.

C. Mankel, Sacramento, \$4.23; 1/2% 20 days.

Bay Equipment Co., San Francisco \$4.50; net.

Arriss-Knapp Co., \$4.60, net.

L. C. Karstedt, Watsonville, \$5.00, net.

R. A. Farish, San Francisco, \$5.25, net.

#### BIDS OPENED

BERKELEY, Alameda Co., Calif.—East Bay Transit Co., 2129 Grove St., Oakland, at \$11 per day, net, submitted the only bid received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3127, for the rental of one motor passenger bus, fob Vassar and Spruce Sts., Berkeley, for use on WPA projects.

#### BIDS OPENED

SAN FRANCISCO.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$3.43 per hour, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 968-37-133, for the rental of one road roller, with operator, for 200 hours, fob. Fort Funston.

Complete bids follow:  
Lee J. Immel, Berkeley, \$3.43  
Guerin Bros., S. F., 3.75  
Bay Equipment Co., S. F., 4.00  
Chas. Harney, S. F., 4.75

#### CONTRACTS AWARDED

SAN FRANCISCO.—The following contracts awarded by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1657, for power tool equipment for the School Department:

Pratt & Whitney Division of Niles-Bement-Pond Co.: (1) one No. 5 hydraulic type nx24-in. surface grinding machine, \$2,315; (2) one 12x30-in. precision toolmaker's lathe, \$3,080.

Moore Machinery Co.: one 12x30-in. precision tool room lathe, \$2,822

#### BIDS OPENED

HUMBOLDT CO., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3207, for the rental of one 40 to 60-hp. crawler type tractor, equipped with angle dozer, for use on WPA project, fob. Kneeland-lqua Road, approximately 25 miles east of Eureka:

Wm. Hess, Weott—\$5.25 per hour; discount 10%, 20 days; 2% 30 days.

John Burman & Son—\$5.00 per hour; discount, 1% 20 days.

Guerrin Bros., San Francisco — \$7.50 per hour; net.

#### 26—RAILROADS

##### BIDS OPENED

SAN DIEGO, Calif.—Western Steel & Equipment Corp., Portland, submitted the low bid to the U. S. Engineer, 751 S. Figueroa St., for a complete narrow gauge railroad track system for San Diego. The items are:

- 20,322 lbs. steel castings;
- 26,480 lbs. rail 24-lb. yd. ASCE section;
- 32,100 lbs. cross ties;
- 3,100 lbs. appurtenances.

F.o.b. cars, bidders' assembling plant. Circ. Prop. No. 24.

The complete bids were:

Western Steel & Equipment Corp., Portland, Ore.—(1) \$0.175; (2) \$0.073; (3) \$0.0725; (4) \$0.125; total, \$6754.14.

Columbia Steel Co., San Francisco—Lump sum bid \$9144, f.o.b. Johnstown, Penn. 26

##### AWARD RECOMMENDED

SACRAMENTO.—Forsythe Worden & Co., 264 Sybil Ave., San Leandro, at \$23,995, submitted low bid and recommended for award of contract by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, under Bid No. 6870-37-10, for the construction of standard gauge railroad trackage and turnouts at the new Army Air Corps Supply Depot, near North Sacramento.

The work involves:

- (1) Lump sum, work complete, 10,493 ft. of standard gauge railroad track, including eight No. 9 turnouts;

(2a) Installing track per foot for Railroad ties and 80-lb rail will be furnished by the Government.

Complete bids follow:

Forsythe Worden & Co., San Leandro—(1) \$23,995; (2a) \$1.55; begin work in 20 days and complete in 90 days.

Shannahan Bros., Inc., Los Angeles —(1) \$25,290; (2a) \$2.41; begin in 7 days and finish in 70 days.

Peter J. McHugh, San Francisco—(1) \$26,890; (2a) \$1.82; begin in 10 days, complete in 120 days.

A. D. Schader, San Francisco—(1) \$26,297; (2a) \$2.495; begin in 5 days and complete in 69 days.

P. L. Burr, San Francisco—(1) \$30,890; (2a) \$2.35; begin in 10 days and finish in 90 days.

A. Telcher & Son, Inc., Sacramento —(1) \$39,406; (2a) \$3.30; begin in 21 days and complete in 100 days.

\* Bid modified by telegram.

#### 28—FIRE EQUIPMENT

##### CONTRACT AWARDED

FAIRFAX, Marin Co., Calif.—P. E. Van Pelt, Oakland, at \$3,991.33, was awarded contract by the Fairfax City Council for furnishing a new fire engine, 500 g.p.m., 150-gal. booster tank, mounted on Ford V-8 chassis.

#### 29—STREETS AND HIGHWAYS

##### CONTRACT AWARDED

LOS ANGELES CO., Cal.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at \$98,545.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.1 miles grading and surfacing with plant-mixed surfacing in Los Angeles County between Azusa Ave. and San Gabriel River Bridge.

##### CONTRACT AWARDED

HUMBOLDT CO., Calif.—Poulo & McEwen, 2522 17th St., Sacramento, at \$104,316.60, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and surfacing with roadmix surfacing about 2.3 miles between Trinidad and McNeill Ranch, Humboldt County.

##### BIDS WANTED

LAS VEGAS, Nevada.—Until January 30, 10 a. m., bids will be received by the board of city commissioners, Las Vegas, Nev., for constructing oil-bound gravel pavement and concrete curbs and gutters upon certain city streets. Specifications are available from Viola Burns, city clerk, upon payment of \$15.

##### CONTRACT AWARDED

COCHISE CO., Ariz.—Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, at \$26,028, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Bisbee streets), RA 11-B (1937) AFE 8063. The work, which is located within the city limits of Bisbee, consists of resurfacing and widening about one-third of a mile of existing pavement with cutback asphaltic plant mix, and is to be completed on or before April 30.

##### BIDS WANTED

STANISLAUS, Calaveras, Amador and Tuolumne Cos., Cal.—Until Feb. 3, 1:30 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for applying diesel oil to roadside vegetation for a distance of about 176 roadside miles in Calaveras, Stanislaus, Tuolumne and Amador Counties, at various locations.

The work will require 1,250 barrels of diesel oil in place.

Specifications obtainable from the above office.

##### BIDS WANTED

MERCED, Mariposa, Stanislaus, San Joaquin, Calaveras, Amador and Tuolumne Cos., Cal.—Until Feb. 1st, 1:30 P. M., bids will be received by the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for applying diesel oil to roadside vegetation for a distance of about 263 roadside miles at various locations in Merced, Mariposa, Stanislaus, San Joaquin, Calaveras, Amador and Tuolumne counties.

The work involves 2,120 barrels of diesel oil.

Specifications obtainable from the above office.

##### BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—Until January 18, 5 P. M. (to be opened at 8 P. M.) bids will be received by the Bakersfield City Council, N. Van Riper, City Clerk, City Hall, for the resurfacing of 19th St. and Chester Ave., Bakersfield.

Plans and specifications obtainable from the above office.

UNIT BID LISTING

IMPERIAL COUNTY, Cal.—R. E. Hagar & Son, P. O. Box 1438, San Diego, at \$79,966.70, as previously reported, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with gravel base and plant-mixed surfacing about 3.1 mi. and constructing two timber bridges between Calexico and 3.1 miles east-erly in Imperial County.

The work involves:

- (1) Clear and grub right-of-way;
- (2) 1,375 M. gals. water;
- (3) 20 cu. yds. remove concrete;
- (4) 31,600 c.y. roadway excavation, without classification;
- (5) 3,850 c.y. struct. excav.;
- (6) 10,000 c.y. imported borrow;
- (7) 105,500 sta. yds. overhaul;
- (8) 163 sta. finishing roadway;
- (9) 8,300 tons gravel base;
- (10) 8,070 tons mineral aggregate (plant-mix surf.);
- (11) 405 tons liquid asphalt, MC-5 or MC-extra heavy;
- (12) 76 tons liq. asphalt, MC-2 (prima coat);
- (13) 32,400 lbs. bar reinf. steel;
- (14) 325 c.y. Class A portland cement concrete (structures);
- (15) 25 M. ft.b.m. Redwood timber, dense, select, all-heart, struct. grade;
- (16) 6 M. ft.b.m. Redwood timber, select, all-heart, struct. grade;
- (17) 1,759 lf. furnish treated Douglas fir piles, including test piles;
- (18) 55 each, driving Douglas fir piles, including test piles;
- (19) 204 lf. 18-in. CMP;
- (20) 448 lf. 18-in. CMP siphons;
- (21) 332 lf. 24-in. CMP siphons;
- (22) 152 lf. 30-in. CMP siphons;
- (23) 66 lf. 36-in. CMP siphons;
- (24) 84 lf. 42-in. CMP siphons;
- (25) 100 lf. 60-in. CMP siphons;
- (26) 45 each, concrete pipe joints;
- (27) 75 lf. remove pipe culverts;
- (28) 32 each, culvert markers;
- (29) 3.25 miles new property fence;
- (30) 15 each, drive gates;
- (31) 10 mile existing fences, move and reset;
- (32) 21 each, monuments.

NOTE: The State will furnish corrugated metal pipe as more expeditiously set forth in the special provisions.

Total bids follow:  
(A) E. Hazard & Son, San Diego, \$79,966.70.  
(B) Oswald Bros., Los Angeles, \$83,916.85.

(C) V. R. Dennis Const. Co., San Diego, \$89,047.35.

Unit bids follow:

	(A)	(B)	(C)
(1).....	\$1350.00	\$1290.00	\$3000.00
(2).....	1.25	2.00	1.00
(3).....	4.00	5.00	5.00
(4).....	.31	.30	.25
(5).....	1.20	1.50	1.00
(6).....	.44	.47	.40
(7).....	.01	.005	.01
(8).....	5.00	4.00	10.00
(9).....	1.30	1.45	1.85
(10).....	1.95	2.00	2.80
(11).....	20.00	20.00	20.00
(12).....	25.00	23.00	21.00
(13).....	.05	.05	.06
(14).....	24.00	27.00	22.00
(15).....	105.00	112.00	110.00
(16).....	110.00	100.00	105.00
(17).....	.75	.85	.85
(18).....	22.00	27.00	16.00
(19).....	.60	.50	.30
(20).....	.75	.50	.35
(21).....	1.25	.75	.60
(22).....	1.50	1.00	.85
(23).....	2.20	1.50	1.00
(24).....	3.00	3.00	2.50
(25).....	10.00	7.00	10.00
(26).....	.90	1.00	1.00
(27).....	3.00	2.50	2.50
(28).....	450.00	500.00	500.00
(29).....	22.00	13.00	14.00
(30).....	300.00	400.00	250.00
(31).....	3.00	3.00	2.50

NEWPORT BEACH—SEWAGE SYSTEM—(City)

NEWPORT BEACH, Orange Co., Calif.—Drainage Constr. Co., 3696 Cedar St., Lywood, at \$327,743, as bid and recommended for award of contract by the Newport Beach City Council for construction of a vitrified clay sewage collection system, sewage pumping stations, and a disposal plant.

Plans prepared by City Engineer R. L. Patterson and the Currie Engr. Co., San Bernardino.

The plant is designed to serve a population of about 25,000 and consists of two concrete circular Imhoff tanks and a separate sludge digestion tank. The City has about \$304,000 available, of which \$152,000 is a PWA allocation, the balance bonds voted by the city.

The work involves:

- (1) Sewage Pumping Sta. No. 1 and appurtenances as shown on Plan No. 401, Sheets 29 to 31 inc.;
- (2) Sewage Pumping Sta. No. 2 and appurtenances as shown on Plan No. 401, Sheets 26 to 28 inc.;
- (3) Sewage Pumping Sta. No. 3 and appurtenances as shown on Plan No. 401, Sheets 22 to 25 inc.;
- (4) Sewage Pumping Sta. No. 4 and appurtenances as shown on Plan No. 401, Sheets 32 and 33;
- (5) Cast Iron Pipe Siphon No. 1, consisting of one 12-in. pipe, as shown on Plan No. 401, Sheet 20;
- (6) 6,650 lf. 30-in. vit. clay pipe sanitary sewer.
- (7) 2,580 lf. 27-in. do.;
- (8) 3,160 lf. 24-in. do.;
- (9) 7,870 lf. 21-in. do.;
- (10) 4,310 lf. 18-in. do.;
- (11) 340 lf. 12-in. do.;
- (12) 3,810 lf. 10-in. do.;
- (13) 4,050 lf. 8-in. do.;
- (14) 1,100 lf. 14-in. Class 250 cast iron pipe, flexible joints, discharge line from disposal plant, inc. fittings;
- (15) 1,160 lf. 14-in. Class 150 cast iron pipe, B & S sanitary sewer, inc. fittings;

- (16) 820 lf. 12-in. Class 150 cast iron pipe, B & S sewer force main, inc. fittings;
- (17) 4,010 lf. 10-inch Class 150 cast iron pipe sanitary sewer, including fittings;
- (18) 10-in. Class 150 cast iron pipe sewer, highway crossing at Sta. 59 plus 75, sheet 10 of Plan No. 401;
- (19) 8-in. do. at Sta. 19 plus 00, sheet 8, and Sta. 74 plus 26, sheet 10 of Plan No. 401;
- (20) 200 lf. 8-in. Class 150 cast iron pipe sewer force main, including fittings, sheet 14 of Plan No. 401;
- (21) reinf. cement concrete box sanitary sewers, Sta. 165 plus 02, sheet 14, and Sta. 73 plus 29, sheet 10 of Plan No. 401;
- (22) 50 c.y. Class E cement concrete pipe envelope;
- (23) 98 brick manholes;
- (24) 1 brick flush tank, inc. ¾-inch water service connection;
- (25) 15,000 c.y. rdwy. embankment;
- (26) 91 lf. 24-in. corr. iron culvert pipe;
- (27) 40 lf. 16-in. reinf. cement concrete culvert;
- (28) 1500 lf. 2-in. galv. iron water pipe, inc. fittings;
- (29) 2,400 tons furnishing and placing crushed rock for sewer foundation;
- (30) 160 ft. type A vit. clay pipe sewer chimney;
- (31) sewage disposal plant and appurtenances thereto, complete as shown on Plan No. 401, sheets 34 to 35, inc.

Total bids follow:  
(A) Drainage Constr. Co., \$327,743.00  
(B) L. A. Decomposed Granite Co., Los Angeles, 342,813.50  
(C) Gogo and Rados, L. A., 356,257.00  
(D) A. & B. Constr. Co., Hynes, 363,004.90  
(E) J. C. Hickey, Alhambra, 383,332.00  
(F) J. L. Kruly, L. A., 381,991.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$5,750.00	\$9,100.00	\$9,050.00	\$9,440.00	\$10,000.00	\$9,840.00
(2).....	8,750.00	9,100.00	9,050.00	8,526.00	10,000.00	9,860.00
(3).....	10,500.00	10,800.00	11,150.00	11,470.00	12,000.00	11,150.00
(4).....	10,500.00	10,800.00	11,150.00	10,487.00	12,000.00	10,650.00
(5).....	4,500.00	3,600.00	7,600.00	3,959.00	8,600.00	7,250.00
(6).....	7.55	8.46	10.10	12.38	12.00	10.50
(7).....	6.45	7.10	6.10	7.50	6.00	10.00
(8).....	4.60	4.75	5.55	5.00	6.00	6.20
(9).....	4.70	4.34	4.50	4.25	4.00	4.80
(10).....	3.35	3.54	3.50	3.00	3.50	3.50
(11).....	2.25	1.45	1.70	1.50	1.50	2.00
(12).....	2.25	1.85	2.10	1.55	1.50	2.80
(13).....	2.00	1.60	1.90	1.35	1.50	1.60
(14).....	7.65	9.00	7.30	8.00	8.00	7.70
(15).....	5.25	5.00	6.00	7.00	8.00	5.75
(16).....	4.33	4.50	4.00	3.00	3.00	4.50
(17).....	3.05	2.70	2.60	2.50	2.50	2.50
(18).....	150.00	400.00	600.00	500.00	600.00	500.00
(19).....	740.00	800.00	1,000.00	825.00	900.00	500.00
(20).....	2.35	2.20	2.00	1.50	2.25	2.30
(21).....	209.00	250.00	400.00	300.00	310.00	590.00
(22).....	12.00	35.00	12.00	15.00	12.00	14.00
(23).....	90.00	95.00	100.00	80.00	100.00	100.00
(24).....	100.00	140.00	140.00	160.00	150.00	125.00
(25).....	.30	.50	.60	.42	.60	.65
(26).....	5.00	4.00	5.00	3.00	3.00	3.00
(27).....	6.00	7.00	8.00	12.00	8.00	10.00
(28).....	.40	.50	1.00	.60	.40	.75
(29).....	2.00	3.50	2.50	3.50	2.00	3.50
(30).....	2.00	3.00	2.00	3.50	2.00	2.50
(31).....	\$1,500.00	\$5,000.00	\$1,200.00	\$1,798.00	95,000.00	\$3,860.00

# Eureka Mills

Sash, Door & Moulding

OFFICE AND FACTORY

1715 Mission Street, SAN FRANCISCO

## BIDS OPENED

WASHOE CO., Nevada.—Silver State Const. Co., Fallon, Nevada, at \$21,286, submitted the only bid received by the Reno City Council, J. B. Reese, City Clerk, for the construction of approaches to the Lake Street Bridge, across the Truckee River, in the City of Reno.

The work involves:

- (1) 59 lf. remove culvert pipe;
- (2) 430 lf. remove curb;
- (3) 1,010 sq. yds. remove paving;
- (4) 280 c.y. roadway excav.;
- (5) 500 c.y. select borrow;
- (6) 3,493 c.y. imported borrow;
- (7) 250 c.y. structure excav.;
- (8) 2,515 sq. yds. subgrade for pavement;
- (9) 0.090 mile finish roadway;
- (10) 520 tons asphaltic concrete base;
- (11) 230 tons asphaltic concrete surface;
- (12) 350 cu. y. Class A concrete;
- (13) 20,000 lbs. reinforcing steel;
- (14) 60 lf. part circle corrugated metal pipe (19½-in.);
- (15) 15 c.y. hand-laid riprap;
- (16) Lump sum, move oil tank;
- (17) 1,500 lbs. castings;
- (18) Lump sum, miscellaneous items.

Unit bids follow:

(1).....	\$ 1.00
(2).....	.50
(3).....	.25
(4).....	1.50
(5).....	1.00
(6).....	1.00
(7).....	2.50
(8).....	.10
(9).....	1000.00
(10).....	5.00
(11).....	5.00
(12).....	27.00
(13).....	.06
(14).....	3.00
(15).....	10.00
(16).....	200.00
(17).....	.10
(18).....	300.00

Charles L. Hill, City Engineer.

## BIDS OPENED

WASHOE CO., Nevada.—Nevada Rock & Sand Co., Inc., 41 E. Taylor St., Reno, at \$47,564.30, submitted low bid to the Reno City Council, J. B. Reese, City Clerk, for the construction of approaches and retaining wall for Sierra Street Bridge, and removal of dam in the Truckee River, in the City of Reno.

The work involves:

- (1) 2,361 sq. yds. remove paving;
- (2) 1,012 c.y. roadway excavation;
- (3) 1,408 c.y. select borrow;
- (4) 2,314 c.y. imported borrow;
- (5) 2,300 c.y. structure excav.;
- (6) 5,485 sq. yds. subgrade for pavement;
- (7) 0.285 miles finish roadway;
- (8) 230 tons crushed gravel or stone surface;
- (9) 910 tons asphaltic concrete base;
- (10) 415 tons asphaltic concrete surface;
- (11) 950 cu. y. Class A concrete;
- (12) 417 lf. concrete ralling;
- (13) 67,000 lbs. reinforcing steel;
- (14) 186 lf. 18-in. CMP (dipped);
- (15) 76 lf. 18-in. CMP (dipped);
- (16) 2,650 lbs. castings;
- (17) Lump sum, miscellaneous items.

Total bids follow:

(A) Nevada Rock & Sand Co., Inc., Reno, \$47,564.30

(B) J. F. Knapp, Oakland, \$49,242.00

Unit bids follow:	
(A)	(B)
(1).....	\$ 0.30 \$ 0.25
(2).....	1.40 1.00
(3).....	.80 1.00
(4).....	1.06 1.00
(5).....	2.50 2.00
(6).....	.20 .15
(7).....	1000.00 1000.00
(8).....	2.00 1.50
(9).....	5.00 7.00
(10).....	5.00 8.00
(11).....	21.50 23.50
(12).....	4.50 3.00

(13).....	.06	.055
(14).....	1.50	1.50
(15).....	3.00	2.00
(16).....	.15	.12
(17).....	400.00	150.00

Chas. L. Hill, City Engineer.

## BIDS OPENED

BONNEVILLE DAM, Ore.—Star Iron & Steel Co., 435 E 11th, Tacoma at \$11,943 for delivery fob bidder's shipping point in 55 days and at \$12,165 fob Bonneville in 58 days, submitted the apparent low bid to the U. S. Engineer Office, Lieut. Col. C. F. Williams, District Engineer, under Bid No. 694-37-224, for furnishing radial gates as follows:

- (1) 12 each, radial gates, as shown on drawing T-7-60, complete;
- (2) 5 each, radial gates, as shown on drawing T-7-59, complete.

Alternate bids were received for delivery as follows:

Alt. "A": fob railroad cars at bidder's shipping point for shipment under Government bills of lading to be furnished by the Government.

Alt. "B": fob North Bonneville, at site of Bonneville Dam project.

Complete bids follow:

Star Iron & Steel Co., Tacoma: \$11,943, fob bidder's shipping point

## WASHOE CO., NEVADA—SIERRA ST. BRIDGE—(State)

WASHOE COUNTY, Nev.—J. F. Knapp, 1401 Park Ave., Oakland, at \$66,182, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of the Sierra Street Bridge across the Truckee River in Reno.

The work involves:

- (1) 3,000 c.y. roadway excav.;
- (2) 2,300 cu. y. struct. excav.;
- (3) 0.025 ml. finishing roadway;
- (4) 945 cu. y. Class A concrete;
- (5) 261 c.y. Class D concrete;

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 1.00	\$ 1.70	\$ .75	\$ 1.00	\$ 2.00
(2).....	3.00	3.20	4.00	3.00	3.50
(3).....	1000.00	1000.00	1000.00	4000.00	1000.00
(4).....	20.00	20.50	25.00	30.00	20.00
(5).....	23.00	23.00	25.00	35.00	23.00
(6).....	3.00	5.00	4.00	4.00	3.50
(7).....	.055	.055	.06	.06	.06
(8).....	.075	.075	.08	.08	.07
(9).....	1350.00	1200.00	1000.00	500.00	1500.00
(10).....	1650.00	2000.00	2000.00	2000.00	1700.00
(11).....	5.00	2.50	5.00	3.00	3.00
(12).....	.12	.15	.20	.20	.15

## WASHOE CO., NEVADA—LAKE ST. BRIDGE—(State)

WASHOE COUNTY, Nev.—Silver State Construction Co., Inc., Fallon, at \$49,378, as previously reported, submitted low bid and awarded the contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a reinforced concrete bridge across the Truckee River at Lake Street in Reno.

The work involves:

- (1) 2,090 c.y. roadway excav.;
- (2) 1,200 c.y. structure excav.;
- (3) 0.029 ml. finish roadway;
- (4) 610 cu. y. Class A concrete;
- (5) 622 c.y. Class D concrete;

(A)	(B)	(C)	(D)	(E)	(F)	
(1).....	\$ 2.50	\$ 1.70	\$ 1.00	\$ .75	\$ 1.00	\$ 2.00
(2).....	2.50	3.30	4.00	4.00	3.00	3.50
(3).....	1000.00	1000.00	1000.00	1000.00	4000.00	1000.00
(4).....	19.00	20.50	20.00	25.00	30.00	20.00
(5).....	20.00	22.00	28.00	25.00	37.00	23.00
(6).....	3.00	5.00	3.00	4.00	4.00	5.00
(7).....	.06	.055	.055	.06	.06	.06
(8).....	.15	.16	.14	.20	.15	.07
(9).....	2000.00	2000.00	1650.00	2000.00	2000.00	1700.00
(10).....	1000.00	500.00	1200.00	1000.00	1500.00	2000.00

in 55 days; \$12,168 fob Bonneville in 58 days.

Lakeside Bridge & Steel Co., Milwaukee; \$11,415, fob factory in 80 days; \$12,756 fob Bonneville.

Berkeley Steel Const. Co., Berkeley; \$13,745, fob factory, 60 days; no bid on Bonneville delivery.

Commercial Iron Works, Portland; \$13,867, fob factory, 60 days; \$14,004, fob Bonneville, 60 days.

Steel Tank & Pipe Co., Portland; \$18,271, fob factory, 80 days; no bid on Bonneville delivery.

General Iron & Steel Co., Portland; \$15,609, fob Bonneville, 75 days; no bid on factory delivery.

Bids held under advisement.

## CONTRACT AWARDED

PACIFIC COUNTY, Wash.—Harold Blake, 400 N Thompson, Portland, at \$159,586 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia for paving with portland cement concrete on about 8.7 miles of State Road No. 12, Globe to Craner's Crossing, involving about 18,230 cu. y. of excavation; 61,304 sq. yds. of portland cement concrete pavement; 80 tons of Type I-1 asphaltic concrete; 501 ln. ft. of pipe culverts, and other items.

## WASHOE CO., NEVADA—LAKE ST. BRIDGE—(State)

- (6) 554 lf. concrete ralling;
- (7) 116,000 lbs. reinforcing steel;
- (8) 270,000 lbs. structural steel;
- (9) Lump sum, remove dam;
- (10) Lump sum, lighting equipment;
- (11) 4 lf. 18-in. CMP (dipped);
- (12) 350 lbs. castings.

Total bids follow:

- (A) J. F. Knapp, Oakland, \$66,182.  
 (B) I. Christensen, Reno, \$70,832.00.  
 (C) Gibbons & Reed Co., Salt Lake City, \$75,491.00.  
 (D) Dodge Construction, Inc., Fallon \$80,843.00.  
 (E) Engineer's estimate, \$70,041.50.

Unit bids follow:

(A)	(B)	(C)	(D)	(E)	
(1).....	\$ 1.00	\$ 1.70	\$ .75	\$ 1.00	\$ 2.00
(2).....	3.00	3.20	4.00	3.00	3.50
(3).....	1000.00	1000.00	1000.00	4000.00	1000.00
(4).....	20.00	20.50	25.00	30.00	20.00
(5).....	23.00	23.00	25.00	35.00	23.00
(6).....	3.00	5.00	4.00	4.00	3.50
(7).....	.055	.055	.06	.06	.06
(8).....	.075	.075	.08	.08	.07
(9).....	1350.00	1200.00	1000.00	500.00	1500.00
(10).....	1650.00	2000.00	2000.00	2000.00	1700.00
(11).....	5.00	2.50	5.00	3.00	3.00
(12).....	.12	.15	.20	.20	.15

## WASHOE CO., NEVADA—LAKE ST. BRIDGE—(State)

- (6) 328 lf. concrete ralling;
- (7) 173,500 lbs. reinforcing steel;
- (8) 18,000 lbs. structural steel;
- (9) Lump sum, lighting equipment;
- (10) Lump sum, move buildings.

Total bids follow:

- (A) Silver State Const. Co., Inc., Fallon, \$49,378.00.  
 (B) I. Christensen, Reno, \$50,293.50.  
 (C) J. F. Knapp, Oakland, \$52,595.50.  
 (D) Gibbons & Reed Co., Salt Lake City, \$55,518.50.

(E) Dodge Constr., Inc., Fallon, \$65,042.00.

(F) Engineer's estimate, \$51,433.00.

Unit bids follow:

(A)	(B)	(C)	(D)	(E)	(F)	
(1).....	\$ 2.50	\$ 1.70	\$ 1.00	\$ .75	\$ 1.00	\$ 2.00
(2).....	2.50	3.30	4.00	4.00	3.00	3.50
(3).....	1000.00	1000.00	1000.00	1000.00	4000.00	1000.00
(4).....	19.00	20.50	20.00	25.00	30.00	20.00
(5).....	20.00	22.00	28.00	25.00	37.00	23.00
(6).....	3.00	5.00	3.00	4.00	4.00	5.00
(7).....	.06	.055	.055	.06	.06	.06
(8).....	.15	.16	.14	.20	.15	.07
(9).....	2000.00	2000.00	1650.00	2000.00	2000.00	1700.00
(10).....	1000.00	500.00	1200.00	1000.00	1500.00	2000.00



**CONTRACT AWARDED**

**COCONINO CO., Ariz.**—J. A. Casson, Phoenix, at \$68,678.50 (Class F-2 surfacing), awarded contract by the Bureau of Public Roads, Phoenix, C. H. Sweeter, District Engineer, for placing bituminous treated crushed rock surfacing on 8.639 miles of Route 8, Grand Canyon National Pk., Coconino County.

**CONTRACT AWARDED**

**LOS ANGELES CO., Calif.**—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$91,784.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 1.6 miles grading and surfacing with portland cement concrete in Los Angeles County, between Playa Street and Washington Blvd.

**CONTRACT AWARDED**

**IMPERIAL CO., Calif.**—G. W. Ellis, 5240 Lankershim Blvd., North Hollywood, at \$78,029.55, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 10.1 miles grading and surfacing with plant-mixed surfacing in Imperial County, between Sandia and Alamo River.

**BIDS OPENED**

**IMPERIAL COUNTY, Cal.**—R. E. Hazard & Son, P. O. Box 1438, San Diego, at \$79,968.70 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with gravel base and plant-mixed surfacing about 3.1 miles and constructing two timber bridges, between Calexico and 3.1 miles easterly, in Imperial County.

Total bids follow:  
R. E. Hazard & Son, San Diego ..... \$79,968.70  
Oswald Bros., L. A. ..... \$3,916.85  
W. R. Dennis Const. Co., San Diego ..... \$9,047.35  
Unit bids will be given shortly.

**CONTRACT AWARDED**

**COLUSA, Colusa Co., Cal.**—Harry H. Staples, 530 Webster, Colusa, at \$0.31 per lf. awarded contract by the City Council for the construction of approximately 10,000 lf. of curb and gutter along city streets.

**BIDS OPENED**

**SAN FRANCISCO**—Love & Haun, 4354 20th St., at \$279 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,009, for the reconstruction of the sidewalk on Arguello Blvd. between Fulton St. and Washington St., involving:

- (1) 1,400 square feet 2-course concrete sidewalk;
  - (2) 10 c.y. loam.
- Complete bids follow:  
Love & Haun: (1) \$0.195; (2) \$0.60; total \$279.  
Thos. Gallagher: (1) \$0.23; (2)

\$1.50; total, \$337.

**BIDS OPENED**

**SAN FRANCISCO**—Devincenzi Bros. & Co., 150 Collins Street, at \$3,231 submitted low bid to the Department of Public Works, City Hall under Spec. No. 19,008, for the improvement of Mendell St. between Innes and Jerrold Aves., involving:

- (1) 10,300 c.y. grading and excavation;
- (2) 7,500 sq. ft. 4-inch waterbound macadam pavement.

Complete bids follow:  
Devincenzi Bros.: (1) \$0.27; (2) \$0.06; total, \$3,231.  
Piombo Bros. & Co.: (1) \$0.247; (2) \$0.045; total, \$3,911.60.  
S. F. Grading Co.: (1) \$0.478; (2) \$0.042; total, \$5,238.40.

Eaton & Smith: (1) \$0.43; (2) \$0.125; total, \$5,366.50.

Healy-Tibbitts Const. Co.: (1) \$5.00; (2) \$0.04; total, \$5,450.

L. N. Giorgi & Co.: (1) \$0.52; (2) \$0.04; total, \$5,656.

E. J. Treacy: (1) \$0.60; (2) lump sum, \$300; total, \$5,450.

Chas. L. Harney: (1) \$0.64; (2) \$0.03; total, \$6,817.

**CONTRACT AWARDED**

**OAKLAND, Alameda Co., Calif.**—G. M. Gest, 1216 24th St., Oakland, awarded contract by the Pacific Telephone & Telegraph Co. (Mr. R. Z. Young, General Plant Engineer, San Francisco), for the installation of conduit in Olive and cross streets, Oakland.

- The work will involve:
- (1) 4,581 trench ft. 9-way creosoted wood conduit;
  - (2) 1,896 trench ft. 6-way creosoted wood conduit;
  - (3) 751 trench ft. 6-way vitrified clay conduit;
  - (4) 482 trench ft. 4-way vitrified clay conduit;
  - (5) 600 ft. lateral conduit;
  - (6) Construction of 14 manholes.

Mr. Paulsen, 1545 Franklin Street, Oakland, Division Engineer.

**BIDS WANTED**

**SONOMA, Marin and Napa Cos., Cal.**—Until Feb. 1, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco for applying diesel oil to roadside vegetation for a distance of 188.5 miles, at various locations in Sonoma, Marin and Napa Counties.

The work will require 2,500 barrels of oil.  
Plans and specifications obtainable from the above office.

**LOW BIDDERS**

**PINAL CO., Ariz.**—Tiffany Constr. Co., 535 N. 7th St., Phoenix, at \$11,420, submitted low bid to T. S. O'Connell, State Highway Engineer, Phoenix, for construction of the Mesa-Superior Highway, F.A. 7, 2nd Reop. (1937), A.E.E. 8011. The work which is to begin about 3.9 miles northwest of Florence Junction and

January 21, 1937.

**BIDS OPENED**

**SACRAMENTO, Sacramento Co., Calif.**—Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco, at \$24,900, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, for construction of a 300,000-gallon capacity elevated steel tank at the Sacramento Air Depot, near North Sacramento.

- Bids were taken as follows:
- (1) Lump sum, work complete;
  - (2) Excavation, per c.y.;
  - (3) Concrete, per c.y.;
  - (4) Reinforcing steel, per lb.;
  - (5) 12-in. cast-iron pipe, per lf.;
  - (6) 16-in. do.;
  - (7) Cast-iron fittings;
  - (8) 12-in. flanged check valve, ea.;
  - (9) 16-in. do.;
  - (10) 6-in. gate valve, each;

	(A)	(B)	(C)	(D)
(1)	\$24,900.00	\$26,550.00	\$28,240.00	\$30,760.00
(2)	4.50	5.10	1.75	1.25
(3)	12.50	11.00	18.00	14.00
(4)	.05	.045	.05	.045
(5)	4.00	4.20	3.00	3.70
(6)	6.25	6.50	5.25	5.50
(7)	.10	.10	.08	.10
(8)	100.00	110.00	190.00	100.00
(9)	250.00	310.00	425.00	295.00
(10)	28.00	35.00	40.00	28.00
(11)	80.00	104.00	60.00	44.00
(12)	290.00	215.00	140.00	85.00
(13)	290.00	265.00	275.00	190.00
(14)	575.00	510.00	450.00	340.00

Bids forwarded to Washington, D. C.

is to extend southeasterly to Florence Junction over a recently constructed new alignment, consists of furnishing and placing aggregate base course and 90-95 road oil plant mix, and is to be completed on or before May 31, 1937. The approximate quantities and principal items are:

- 27,000 tons aggregate base course (C.I.P.);
- 121 tons cutback asphalt (MC-1);
- 5,100 tons plant mix;
- 278 tons road oil (90-95);
- 3.9 miles placing plant mix;
- 629 tons screenings;
- 100 M. gal. sprinkling;
- 100 hours rolling;
- 600 tons stockpiling plant mix.

Pleasant-Hasler Construction Co., Phoenix, submitted the second bid, at \$42,562.

**BIDS WANTED**

**SAN FRANCISCO**—Until January 20, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under spec. No. 19,009, for the reconstruction of the sidewalk on Arguello Blvd., between Fulton Street and Washington Street. Estimated cost, \$310.

- The work involves:
- (1) 1,400 sq. ft. 2-course concrete sidewalk;
  - (2) 10 c.y. loam.

Plans and specifications obtainable from the office of City Engineer John Casey.

**BIDS WANTED**

**ALAMEDA, Contra Costa, Santa Clara Cos., Cal.**—Until February 1, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, Dist. Engineer, State Bldg., San Francisco, for applying diesel oil to roadside vegetation for a distance of 111.5 miles at various locations in Alameda, Contra Costa and Santa Clara Counties.

The work will require 1,500 barrels of oil.  
Plans and specifications obtainable from the above office.

- (11) 8-in. gate valve, each;
- (12) 12-in. gate valve, each;
- (13) 16-in. gate valve, each;
- (14) 8-in. altitude valve, each.

- Total bids follow:
- (A) Pittsburgh-Des Moines Steel Co., San Francisco—\$24,900; begin work in 45 days and complete in 180 days.
  - (B) Chicago Bridge & Iron Works, San Francisco—\$26,550; begin in 60 days and complete in 175 days.
  - (C) W. E. Caldwell Co., Louisville, by Ralph Mills & Co., San Francisco, agents—\$28,240; begin in 10 days and complete in 130 days.
  - (D) California Steel Products Co., San Francisco—\$30,760; begin in 40 days and complete in 200 days.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	\$24,900.00	\$26,550.00	\$28,240.00	\$30,760.00
(2)	4.50	5.10	1.75	1.25
(3)	12.50	11.00	18.00	14.00
(4)	.05	.045	.05	.045
(5)	4.00	4.20	3.00	3.70
(6)	6.25	6.50	5.25	5.50
(7)	.10	.10	.08	.10
(8)	100.00	110.00	190.00	100.00
(9)	250.00	310.00	425.00	295.00
(10)	28.00	35.00	40.00	28.00
(11)	80.00	104.00	60.00	44.00
(12)	290.00	215.00	140.00	85.00
(13)	290.00	265.00	275.00	190.00
(14)	575.00	510.00	450.00	340.00

**BIDS WANTED**

**TRICOPA CO., Calif.**—Until February 2, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for the construction of the Tempe-Mesa Highway, A.P.E. 807, A-2, 2nd reopening (1937).

The work, which extends westerly 3½ miles from the west city limits of Mesa, consists of concrete pavement widening, the furnishing and placing of imported borrow, aggregate base course and cutback plant mix, and other work, and is to be completed on or before July 15, 1937.

The principal items and approximate quantities are:

- 17,000 c.y. roadway excav.;
  - 5,100 c.y. drainage excav.;
  - 750 c.y. struct. excav.;
  - 14,500 c.y. imported borrow;
  - 14,400 tons aggregate base course;
  - 950 M. gal. sprinkling;
  - 390 hours rolling;
  - 47,000 sq. yds. concrete pavement;
  - 146 c.y. Class A concrete;
  - 640 lbs. reinforcing steel;
  - 1,780 tons cutback plant mix;
  - 80 tons cutback asphalt;
  - 22,600 gal. SC-2 road oil;
  - 90 tons screening;
  - 300 tons cover coat (concr. sand);
  - 300 lf. CMP (3 sizes);
  - 23,400 lf. line fence;
  - 9,300 lf. reconstruct fence;
  - 29 each, steel gates;
  - 1,853 lf. plain concrete pipe (under roadway) (2 sizes);
  - 2,240 lf. plain concrete pipe (not under roadway) (2 sizes);
  - 728 lf. reinforced concrete pipe (2 sizes);
  - 5 each, manholes;
  - 54 lf. concrete railroad crossing.
- Specifications obtainable from the above office.

**30—RESERVOIRS & DAMS****BIDS WANTED**

**RIVERTON PROJECT, Wyo.**—Until February 4, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Riverton, Wyo., H. D. Comstock, Supt., under Spec. No. 872-D, for clearing the Bull Lake Reservoir site, Riverton Proj., about 40 miles northwest of Riverton.

The work involves about 820 acres of clearing, which is divided into two schedules.

Plans and specifications obtainable from the Bureau of Reclamation at Riverton or Denver, without charge to prospective bidders; to others, \$50 net returnable.

**BIDS WANTED**

**BONNEVILLE, Ore.**—Until Jan. 20, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland Dist., 627 Pittock Block, Portland, Ore., C. F. Williams, District Engineer, under Bid No. 694-37-225, for constructing a concrete filler lock and a timber and steel cofferdam in temporary navigation recess in Monolith No. 27 at the east end of the ship lock at Bonneville.

- The work involves:
- (1) 2,400 c.y. Class B concrete.
  - (2) 17,000 lbs. reinforcing steel.
  - (3) 14 MFBM lumber, in place.
  - (4) 1,500 lbs. anchor bolts and embedded parts, placing only.
  - (5) 2,500 lbs. anchor bolts, furnishing and placing;
  - (6) 250 lf. drilling 1½- and 1¼-in. anchor bolt holes;
  - (7) 120 lf. drilling 3-in. anchor bolt holes;
  - (8) 880 lf. copper water stops.
  - (9) 45,500 lbs. stru. steel in place;
  - (10) 1,200 lf. 4-inch fiber conduit, placing only.
  - (11) jump saws, remove timber miter gates, oils and operating equipment.
- Plans and specifications obtainable from the above office.

**NOTE** The date for receiving bids was previously set for January 12, but postponed pending wage rate predetermination.

**EXPENDITURES RECOMMENDED**

**BONNEVILLE DAM, Oregon.**—Major General E. H. Markham, chief of engineers, reports that \$6,974,000 can be profitably spent on the Bonneville Project during the fiscal year 1937-1938.

Expenditures up to June 30, 1936, equalized \$26,120,357, including \$2,167,052 in regular rivers and harbors funds and \$23,953,305 in emergency funds.

Unexpended balances at the end of the last fiscal year totaled \$16,335,154, or \$4,492,874 in emergency funds and \$7,822,280 in regular funds. From the unexpended regular funds, \$2,700,000 is being applied to powerhouse facilities, including substructure and superstructure, integral fishways, two 60,000-hp. turbines, two 43,000-kw. generators and other equipment.

The report showed the fishways construction contract called for \$1,271,000 and continuance of work on the dam and reservoir \$2,894,000, with the remainder going to navigation facilities, channel improvement and railroad relocation.

From the unexpended emergency fund balance, \$7,510,374 was applied to new work on dam and reservoir and spillway dam, and on the intermediate going to accounts payable. The report also showed the fishways construction contract called for \$1,271,000 and continuance of work on the dam and reservoir \$2,894,000, with the remainder going to navigation facilities, channel improvement and railroad relocation.

**LOW BIDDER**

**SEATTLE, Wash.**—Morrison-Knudsen Co., Inc., P. O. Box 1518, Boise, Idaho, at \$573,000 on Proposition 2, submitted low bid to the Seattle Board of Public Works for clearing of Ruby Basin.

Complete bids will be published shortly.

**COMPLETE BID LISTING**

**SEATTLE, Wash.**—Morrison-Knudsen Co., Inc., P. O. Box 1518, Boise, at \$573,000, as previously reported, submitted low bid to the Seattle Board of Public Works under Proposal No. 2, complete schedule 6, for clearing the Ruby Basin.

Bids were taken as follows:  
Proposal No. 1, comprising Schedules Nos. 1 to 5, inclusive.  
Proposal No. 2, complete Schedule No. 6.

The work will involve clearing of about 2,100 acres of land, divided into five sections varying from 140 to 500 acres.

Complete bids follow:

**Proposal 2.**  
**Morrison-Knudsen Co., Inc., Boise** \$286,500 per acre; total, \$573,000.  
**Rumsey & Co. and Halleran Bros., Seattle**—\$389 per acre; total, \$778,000.

**R. E. Moore, Seattle**—\$395 per acre; total, \$790,000.

**Schedule 5, clearing that portion of Ruby Basin on right side of Skagit River—Only bidder, Butorac & Samarzich, Seattle,** \$274 per acre: total, \$80,530.

No bids were received on Schedules 1, 2, 3 and 4.

**PROJECT APPROVED**

**TUCSON, Ariz.**—The \$750,000 Sabino Canyon Dam has been approved by the United States Army Engineers, according to an announcement by Washington. According to the report, the upper site has been selected.

**31—PIPE LINES & WELLS****PLANNED**

**ESTERO BAY, San Luis Obispo Co., Calif.**—Application has been made by the Standard Oil Company of California for a modification of

plans accompanying War Department permit dated September 13, 1935, to install an 8-inch submarine pipe line extending from the sea end of an existing 16-inch line about 1830 feet, to the Standard Oil Company wharf, in Estero Bay, California. Under the modification it is proposed to install two 8-inch submarine loading lines and one 3-inch submarine water line alongside the present 8-inch loading line to supplement existing loading facilities.

Drawing showing the location and plan of the proposed work was seen at the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, Major Theodore Wyman, Jr., District Engineer, until January 18, 11 a.m. Interested persons are invited to inspect this drawing and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests that they may have to said work.

Objections based on other than navigation interests cannot be considered.

**BIDS WANTED**

**LOS ANGELES COUNTY, Calif.**—Until February 11, 10 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for constructing cast-in-place concrete pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct distribution system, Spec. No. 159. Copies of the specifications will not be ready until Wednesday, Jan. 20, at which time they will be available at the office of the engineer, Room 1007, 306 West Third St., Los Angeles. The cost will be \$5 per set, not returnable. The work is located in Los Angeles County and comprises the construction of approximately 1210 lf. of 9 ft. 8 in. diameter and 54 lf. of 6 in. dia. pipe line and appurtenant structures. The work is divided into schedules as follows:

Schedule 8C—Across San Gabriel Canyon just below Morris Dam, 578 ft., 9 ft. 8 in. inside diameter.

Sch. 9C—Across Monrovia Canyon in Monrovia, 632 ft., 9 ft. 8 in. inside diameter.

Sch. 12C—Across Eagle Rock Canyon north of Eagle Rock, 554 ft., 7 ft. inside diameter.

Certified or cashier's check for 10 per cent of the bid must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****CONTRACT AWARDED**

**NEWPORT BEACH, Orange Co., Calif.**—Drainage Const. Co., 3696 Cedar St., Lynwood, at \$327,743 awarded contract by the Newport Beach city council for constructing a vitrified clay pipe sewerage system, sewage pumping plant and a disposal plant. R. L. Patterson, city engineer, prepared the plans. The plant is designed to serve a population of about 25,000, and consists of two concrete circular Imhoff tanks and a separate sludge digestion tank. The work is being financed partly by bond issue and partly by PWA.

**33—WATER WORKS****BIDS WANTED**

**SOUTH GATE, Los Angeles Co., Calif.**—Until January 29, 7:30 p.m., bids will be received by the South Gate city council for the installation and construction of cast-iron water pipe mains, house laterals, fittings and appurtenances for supplying or distributing a domestic water sup-

ply, and the installation and construction of hydrants, fittings and appliances for fire protection on Southern Avenue, under the 1911 Act Certified check or bid bond, 10%, must accompany bid. H. C. Peiffer, city clerk.

**PERMITS ISSUED**

**SACRAMENTO, Calif.**—Permits to appropriate water issued by the Division of Water Resources, Department of Public Works, during December, 1936:

4847, Application 8734 (Mariposa Co.) issued to E. R. Quincy, Newnan, Dec. 1, for 1 cfs from Middle Fork Chowchilla River, for irrigation of 40 acres. Est. cost, \$1,000.

4849, App. 8412 (Del Norte Co.) issued to T. N. McDaniel, Crescent City, Dec. 2, for 25 cfs from Craig Creek, for mining and domestic purposes. Est. cost, \$15,000.

4851, App. 8681 (Del Norte Co.) issued to T. N. McDaniel, Crescent City, Dec. 2, for 25 cfs from Camp Gulch, for mining and domestic purposes. Est. cost, \$7,500.

4852, App. 8682 (Del Norte Co.) issued to T. N. McDaniel, Crescent City, Dec. 2, for 25 cfs from Lower Coon Creek, for mining and domestic purposes. Est. cost, \$15,000.

4859, App. 8779 (Inyo Co.) issued to A. A. Rubel of Piru, Dec. 14, for 0.075 cfs from Darwin Wash, for mining and domestic purposes. Est. cost, \$3,000.

4861, App. 8801 (Napa Co.) issued to Dick R. Friesen, St. Helena, Dec. 14, for 136 ac. ft. per annum by storage from Angwin Creek, for domestic, recreational and stock watering purposes. Est. cost, \$6,000.

**APPLICATIONS FILED**

**SACRAMENTO, Calif.**—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during December, 1936:

4842 (Placer Co.) J. D. McCulloch, Sloughhouse, for 13 cfs from Duocan Canyon tributary to Middle Fork of American River, to be diverted for mining purposes. Est. cost, \$20,000.

8843 (Santa Cruz County) Felton Water Company, Felton, for 0.5 cfs from Bennett Creek, tributary to Fall Creek, thence San Lorenzo River, to be diverted for domestic and irrigation purposes. Est. cost, \$2,500.

8844 (Santa Cruz County) Felton Water Company, Felton, for 1.0 cfs from Bull's Creek, tributary to San Lorenzo River, to be diverted for domestic and irrigation purposes. Est. cost, \$6,000.

8845 (Santa Cruz County) Felton Water Co., Felton, for 0.75 cfs from Fall Creek, tributary to San Lorenzo River, to be diverted for domestic and irrigation purposes. Est. cost, \$3,300.

8846 (Santa Cruz County) Felton Water Company, Felton, for 0.25 cfs from Shingle Mill Creek, tributary to San Lorenzo River, to be diverted for domestic and irrigation purposes. Estimated cost, \$5,300.

8847 (Santa Cruz County) Felton Water Company, Felton, for 0.25 cfs from Shingle Mill Creek, tributary to San Lorenzo River, to be diverted for recreational and domestic purposes.

8848 (Modoc County) H. C. Cattle Co., Likely, for 200 ac. ft. per annum from an unnamed stream, tributary to Crooks Canyon, to be diverted for stock watering purposes. Est. cost, \$2,000.

8849 (El Dorado County) Sierra Camps, Inc., 16 Sunset Dr., Berkeley, for 0.8 cfs from Ralston Creek, tributary to Upper Echo Lake, to be diverted for recreational purposes. Est. cost, \$1,500.

8853 (Siskiyou Co.) Louis J. Roff, Cecilville, for 8 cfs from Rusb Creek tributary to South Fork of the Sal-

mon River, to be diverted for irrigation purposes.

8854 (San Diego Co.) John Marshall McDonald, Los Angeles, for 0.53 cfs and 200 ac. ft. per annum from Chihuahua Creek, tributary to Temecula Creek, to be diverted for mining purposes. Est. cost, \$10,000.

8857 (Riverside Co.) Clifford Tillison, 3363 Fruitland Road, Los Angeles, for 0.1 cfs from springs in Mabey Canyon, tributary to Santa Ana river, to be diverted for irrigation and domestic purposes on ten acres. Est. cost, \$3,900.

8858 (Tuolumne Co.) John C. and Arthur D. Duchow, Sonora, for 10 cfs and 400 ac. ft. per annum from Rose Creek, tributary to Stanislaus River, to be diverted for mining and domestic purposes. Est. cost, \$2,000.

8860 (Plumas Co.) Hoefling Bros., Inc., Sacramento, for 1.0 cfs from Chambers Creek, tributary to the Feather River, to be diverted for mining and domestic purposes. Est. cost, \$2,000.

8861 (Amador Co.) Sierra Mountain Water Co., Sacramento, for 270-000 ac. ft. per annum from Cosumnes River, to be diverted for municipal purposes.

8862 (Amador Co.) Sierra Mountain Water Co., Sacramento, for 270-000 ac. ft. per annum from Cosumnes River, to be diverted for power purposes.

8863 (Mono Co.) J. E. Bell and Gus L. Hess (trustees for the towstate of Leevining) Leevining, for 3 cfs from Leevining Creek, tributary to Mono Lake, to be diverted for municipal and domestic purposes. Est. cost, \$15,000.

8866 (Calaveras Co.) E. L. Lilly, Stockton, for 1 cfs from Mokelumne River, to be diverted for mining purposes.

**NOTICE TO BIDDERS**

**VALLEJO, Solano Co., Calif.**—Bids will be called by the Vallejo City Council in about one week for the sale of the following used steel pipe:  
(1) 2,594 ft. 24-in. diam., 3/4 in. thick,  
(2) 1,219 ft. 24-in. diam., 3/16 in. thick,  
(3) 73 ft. 22-in. diam. 3/16 in. thick,  
(4) Miscellaneous lot of pipe and scrap materials.

T. D. Kilkenny, City Engineer.

**LOW BIDDER**

**MULTNOMAH Co., Oregon**—B. H. Sheldon, Gresham, Oregon, at \$20,740 on Alt. A (specifying bolt-type or dresser coupled cast-iron pipe), submitted low bid to the Maplewood Water District, H. E. Reynolds, Secretary, Portland, for the construction of water system improvements consisting of approximately 19,550 feet of 8-in. and 1400 ft. of 6-in. water mains, with necessary appurtenances. C. E. Carter, engineer, 523 Spalding Bldg., Portland.

**CONTRACT AWARDED**

**EXETER, Tutare Co., Calif.**—United States Pipe & Foundry Co., Menashaok Bldg., San Francisco, at \$3,380.02, submitted low bid and awarded contract by the Exeter City Board of Trustees, for furnishing:  
(1) 2,210 ft. 8-in. cast-iron pipe;  
(2) 37 ft. 6-in. cast-iron pipe;  
(3) 665 ft. 4-in. cast-iron pipe;  
(4) 6 cast-iron crosses;  
(5) 9 cast-iron tees;  
(6) 2 cast-iron reducers;  
(7) 2 cast-iron plugs;  
(8) 3,000 lb. pig lead.  
Complete bids follow.  
U. S. Pipe & Foundry Co.,  
San Francisco, 3,333.02  
Pacific States Cast Iron  
Pipe Co., S. F. 3,421.29  
American Cast Iron Pipe  
Co., S. F. 3,467.98  
Crane Co., S. F. (lead only) 219.15

**Alhambra Foundry Co., Alhambra (fittings only)..... 202.70**  
**Enterprise Foundry Corp., S. F. (fittings only)..... 226.40**  
Allen Jordan, City Clerk; Irving H. Althouse, City Engineer.

**34— PARKS AND PLAY-GROUNDS**

**CONTRACT AWARDED**

**KINGMAN, ARIZ.**—City Wide Lawn Service, 815 W. Hyde Park Blvd., Inglewood, at \$347 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C. for seeding and planting the grounds of the U. S. post office at Kingman.

**BIDS OPENED**

**FRESNO, Fresno Co., Calif.**—Chicago Bridge & Iron Works, Rualto Bldg., San Francisco, at \$30,085, submitted low bid to the Fresno City Council, H. S. Foster, City Clerk, for furnishing and erecting one steel tank of not less than 500,000 gallons capacity and steel supporting structure on foundation and site to be furnished by the City.

Complete bids follow:  
Chicago Bridge & Iron Works, San Francisco ..... \$30,085  
Pittsburgh-Des Moines Steel Co., San Francisco..... 32,150  
Tibbitt & Wood, Phillipsburg, N. J. .... 38,500  
Bids held under advisement. \* 33

**CONTRACT AWARDED**

**ANAHEIM, Orange Co., Cal.**—The Garden Center, 842 Beverly Blvd., Los Angeles, at \$436, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Anaheim.

**35— TUNNELS**

**REJECTION RECOMMENDED**

**MARIPOSA MOUNTAIN, Cal.**—District Engineer C. H. Sweater, Bureau of Public Roads, Federal Office Bldg., San Francisco, has recommended the rejection of all bids received January 12 for construction of 0.64 mile of tunnel and portal of Section A5, Route 2, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

Sam Orno, Bonneville, Oregon, at \$264,530 submitted the lowest bid received.

**PLANNED**

**BINGHAM, Utah.**—The Kennecott Copper Co., Salt Lake City, Utah, will construct a tunnel between Bingham and Copperfield for the State Highway Department in return for rights to the existing roadway. The proposed tunnel will be 699.5 ft. in length, 16 ft. 4 in. wide, and 10 ft. high, with arched ceiling. Estimated cost, \$1,000,000.

PIPE

Pacific Pipe Co.

PIPE - VALVES - FITTINGS

Furnished on purchase or rental  
Complete facilities for in-  
ventory, pipe lines, railings and  
structural piping of all kinds

WRITE FOR PRICES

25 FILLMORE ST. SAN FRANCISCO

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

January 25, 10 A. M.  
 BID NO. 3244—100 M. common red brick; f.o.b. San Jose.

January 26, 10 A. M.  
 BID NO. 3245—One lot iron fabrication; f.o.b. Zoological Gardens, Sunset near Skyline, San Francisco.

Specifications obtainable from the above office.

RENO, Nevada.—Until January 26, bids will be received by the Treasury Dept., Procurement Division, Branch of Supply, Federal Warehouse, Washington, D. C., for furnishing one angle type relief valve for Reno, Nev. Pro. No. 7162-SP.

## LOS ANGELES COUNTY

LOS ANGELES.—Until February 10, 3:30 p.m., bids will be received by County Sanitation District No. 2, 4th floor, The Times-Mirror Bldg., 110 S. Broadway, Los Angeles, for furnishing gate valves, cast-iron pipe, and fittings, f.o.b. trucks at the Ocean Portal of Unit No. 1, Joint Outfall Sewer (3 miles west of Point Firmin, San Pedro), as follows:

- (1) Two 60-in. double disc pressure cylinder operated, iron body, Moenl mounted gate valves, with ends shouldered for couplings, incl. all material and work incidental thereto;
- (2) 190 ft. (net) of class A, 61-in. cast-iron pipe with special inside caulked joints and nipples, incl. all material and work incidental;
- (3) Four 60-in. malleable iron Victaulic couplings, or equal, for 62.5 in. O.D. shouldered cast-iron pipe, etc.;
- (4) Two special cast-iron sleeve connections for 60-in. pipe, including bolts, nuts, follower rings, rubber gaskets, and all material, etc.

Specifications and plans may be obtained at the office of A. K. Warren, Chief Engineer, 110 S. Broadway, upon deposit of \$5 for each set, returnable. Certified or cashier's check for 10% must accompany each proposal. A. S. Soule, Secretary.

LOS ANGELES, Cal.—Until Feb. 5, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing four only 115-kv., 400-800 to 5 ampere, oil-filled, outdoor type current transformers for use on a 110 kv., 60 cycle system; (a) for f.o.b. cars or trucks bidder's shipping point; (b) for f.o.b. cars or trucks department's warehouse, 1630 N. Main St. Spec. No. 2170.

LOS ANGELES, Cal.—Until Feb. 5, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing four outdoor type, 115 kv., base mounted, combined coupling capacitors and potential devices for f.o.b. cars or trucks 1630 N. Main St. Spec. No. 2173.

SAN FRANCISCO.—Bids will be

received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

January 27, 10 A. M.

BID NO. 3250—Lighting units; f.o.b. Old Post Office Bldg., San Jose.

BID NO. 3254—573 sacks portland cement; f.o.b. Forestry Bldg., 1025 Golden State Highway, Bakersfield.

BID NO. 3255—2500 sq. yds. plaster lath and 100 sq. yds. metal lath; f.o.b. Rosedale Grammar School, Rosedale.

BID NO. 3252—500 sacks portland cement; f.o.b. County Corporation Yard, Santa Rosa.

BID NO. 3253—540 sacks portland cement; f.o.b. Jobsite, 4 miles southwest of Dinuba.

January 28, 10 A. M.

BID NO. 3258—Douglas fir lumber; f.o.b. Greenville Community Hall.

January 29, 10 A. M.

BID NO. 3251—2,000 lb. welded steel pipe; f.o.b. East Bay Municipal Utility District Yard, 6th and Harrison Sts., Berkeley.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

RIVERTON PROJECT, Wyoming.—Until February 8, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 874-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Riverton, one crawler-traction-mounted, full-revolving, Diesel-engine-powered, convertible-type, dragline excavator, complete with power shovel attachments, for the Riverton Project, Wyoming.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

BOULDER CANYON PROJECT.—Until February 3, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 873-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Calexico, 18-inch, 24-inch, and 30-inch inside diameter centrifugally-spun reinforced concrete pipe for use in side drains, All-American Canal system, Boulder Canyon Project. The pipe will be laid by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until Feb. 9, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing two 600-ampere, 35,500-volt, outdoor type, triple pole single throw, 6-break, automatic trip free, manually operated, floor mounted, 750,000 kva., oil circuit breakers without oil; f.o.b. cars or trucks department's warehouse, 1630 N. Main St. Spec. 2174 Bid also to state (a) price for one removable tank lowering device and (b) for auxiliary parts and (c) deduction for acceptance of certified factory tests.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND.—Until January 26, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4215, for furnishing clearance lamps, highway signs, and reflectors.

Delivery f.o.b. bidder's shipping point and/or Government Island. Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Until January 26, 2 p.m., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4232, for furnishing 2,000 kettle chains.

Delivery f.o.b. bidder's shipping point and/or Government Island. Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

January 25, 2 P. M.

BID NO. 4234—500 rolls friction tape, 3/4-in. width; f.o.b. bidder's shipping point and/or Government Island.

January 26, 2 P. M.

BID NO. 4243—150 ml. latex emergency wire, single conductor, and 60 ml. do., two-conductor; f.o.b. bidder's shipping point and/or various destinations.

January 27, 2 P. M.

BID NO. 4246—100 abney levels, with cases; f.o.b. Government Island.

January 29, 2 P. M.

BID NO. 4245—500 water bags, 5 gal., man-pack; f.o.b. bidder's shipping point and/or Spokane. Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Feb. 1, 2 P. M. new bids will be received by the Metropolitan Water District 206 West Third St. Los Angeles for furnishing an electric mine hoist for use at the Cabazon Shaft of the San Jacinto tunnel in accordance with Spec. No. 192 copies of which may be obtained at the office of the engineer, Room 1007 upon payment of \$2 per set, not returnable. Certified or cashier's check for \$1500 must accompany each proposal. F. E. Weymouth general manager and chief engineer.

Complete list of bids previously received published December 30.

LOS ANGELES, Cal.—Until Feb. 11, 2 P. M., bids will be received by the Metropolitan Water District, 206 W 3rd St., Los Angeles, for furnishing four 24-in butterfly valves, type 100, complete and ready for installation and use; Spec. No. 191. Certified or cashier's check must accompany bid.

LOS ANGELES, Cal.—Until Feb. 16, 10 A. M., bids will be received by the Metropolitan Water District, 206 W 3rd St., Los Angeles, for furnishing five 9x9-ft hydraulically-operated cast iron head gates with frames, guides and other appurtenances for installation at the upper ends of the steel delivery pipe lines from the Colorado River Aqueduct pumping plants; Spec. No. 188. Cop-

les of the specifications may be obtained at Room 1007, 306 West 4th St., Los Angeles, upon payment of \$2 per set, net returnable. Certified or cashier's check for \$20,000 must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

**CANAL ZONE**

**PANAMA CANAL ZONE.**—Until January 27, 10:30 a. m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3218, for furnishing metal show windows, spiral stairway, mash-operating devices, steel rolling doors, sliding-door hangers and track, and vault door.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**OAKLAND SCHOOLS**

**OAKLAND, Cal.**—Until February 2, 4 P. M., bids will be received by the Oakland Board of Education. (John W. Edgemond, Secretary) the Oakland School District and the Oakland High School District, Rm 104, Administration Bldg., Oakland for machinery and tools, including air compressor, metal working machinery and tools, woodworking machinery, electric motors and power sewing machines under Schedule No. 45.

Specifications on file in the office of the Director of Purchasing, Rm. 115, Administration Bldg., Oakland.

**WAR DEPARTMENT**

**FORT MASON.**—Until February 3, for a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-255, for furnishing 400 yards of cotton duck.

Specifications obtainable from the above office.

**FORT MASON.**—Until January 27, 10 a. m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-56, for the rental of one tandem gasoline road roller, 5 or 8 tons capacity, for approximately eight working days.

Delivery f.o.b. Letterman General Hospital.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until January 29, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-145, for furnishing 2,200 ft. wire rope, high-grade plow steel, uncoated.

Delivery f.o.b. Pier 3 1/2, San Francisco Waterfront.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until January 26, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 203 Post Office Bldg., Sacramento, under Bid No. 1105-37-158, for furnishing 18 grinding wheels, 39 lengths round iron, 6 lengths flat iron, 1,000 carriage bolts, 24 slim taper files, 2 sets hand taps, 600 lbs. marine oak-um, 6 sticks belt dressing, and 100 lbs. cast-iron electric welding rods.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Jan. 25, 3 P. M., bids will be received by the

U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-144, for furnishing steel doors as follows:

- (1) one 3x7-ft. for plotting switch-board room;
- (2) one 3x7-ft. for plotting switch-board room, opposite hand;
- (3) one 3-ft. 6-in. x 6-ft. 6-in. for pump house.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Feb. 8, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-252, for furnishing two laundry presses, one air compressor, and two truck tubs.

Specifications obtainable from the above office.

**LOS ANGELES.**—Until January 29, 3 p. m., bids will be received by the U. S. Engineer, 731 S. Figueroa St., Los Angeles, for furnishing 34,666.67 sq. ft. expanded metal mesh weighing 2.74 lbs. per sq. ft. f.o.b. railroad cars, contractor's plant. The items are:

- (1) 9,100.00 sq. ft. expanded metal mesh, 5 ft., 5-in. x 12 ft. sheets (140 sheets);
- (2) 25,566.67 sq. ft. expanded metal mesh, 5 ft., 5-in. x 8 ft. sheets (590 sheets).

Bid bond 10% must accompany bid.

Circ. Prop. No. 251.

**FORT MASON.**—Until February 2, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-251, for furnishing miscellaneous equipment and supplies, including pumps, hoists, air compressors, wrenches, hammers, hydraulic presses, etc., for delivery to various District Quartermasters, CCC.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until January 28, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-144, for furnishing one 42-ft. length and twelve 60-ft. lengths 24-in. diam. steel pooton pipe.

Delivery f.o.b. Government barge, San Francisco or Oakland Waterfront.

Specifications obtainable from the above office.

**NAVY DEPARTMENT**

**PEARL HARBOR, T. H.**—Until February 17, 11 a. m., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8340, for furnishing a crane for installation on a pooton at the Pearl Harbor Navy Yard. Estimated cost, \$40,000. Plans and specifications obtainable from the above office and from the Commandant, 12th Naval District, Federal Office Bldg., San Francisco, upon deposit of \$10.

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

- WOOL, steel, 46,800 lbs.; Western Yds. Sch. 976; Jan. 26.
- WIRE CLOTH 800 sq. ft. brass wire cloth; approx. 120,000 sq. ft. copper wire cloth, 40,000 sq. ft. do., 31,700 sq. ft. galvanized iron or steel wire cloth; and 6,100 sq. ft.

- do.; Eastern and Western Yards. Sch. 976; Jan. 26.
- CHARGES, fire extinguisher, 81, foam, powder, in cans, and 135 do.; East and West Yards. Sch. 978; Jan. 26.
- HEATERS, 15 electric air heaters, and spares; Mare Island. Sch. 978; Jan. 26.
- METERS, fuel oil; East and West Yards. Sch. 978; Jan. 26.
- SAWS, motor-driven combination band resaw and scroll saw; East and West Yards. Sch. 976; Jan. 26.

- BRACKETS, bolts, catches, screw eyes, grommets, etc.; East and West Yards. Sch. 978; Jan. 26.
- HINGES; East and West Yards. Sch. 976; Jan. 26.
- DOOR CLOSERS, liquid; East and West Yards. Sch. 976; Jan. 26.
- STRAPPING, 7,650 lbs. steel packing case; Mare Island. Sch. 979; Jan. 26.

- CHAIN, coil and weldless; Western Yards. Sch. 9819; Jan. 26.
- LOCKS and latches; Western Yards. Sch. 9756; Jan. 26.

- CABLE, 5,000 ft. electric, insulated for arc welding; Mare Island. Sch. 977; Jan. 26.
- CABLE, electric; East and West Yards. Sch. 9788; Jan. 26.

- ENGRAVING machine, motor driven universal die sinking and engraving; East and West Yard. Sch. 978; Jan. 26.

- SHEAR, motor-driven power squaring; East and West Yard. Sch. 9767; Jan. 26.

- PINS, cotter, escutcheon and taper; East and West Yards. Sch. 9772; Jan. 26.

- FORGINGS, nickel steel, 88,713 lbs.; Puget Sound. Sch. 9789; Jan. 29.
- WASHING MACHINES, laundry, and spares and drying tumblers and spares; East and West Yds. Sch. 9796; Jan. 29.

- CANVAS, cotton; East and West Yards. Sch. 9782; Jan. 29.
- TUBING, molybdenum alloy steel; East and West Yards. Sch. 9800; Jan. 29.

- MACHINES, 5 electrically operated floor polishing and scrubbing machines; Mare Island. Sch. 9797; Feb. 2.

- CABLE, electric; Mare Island and Puget Sound. Sch. 9791; Feb. 2.
- Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

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Projects**

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., JANUARY 30, 1937

No. 2

## First Central Valley Construction Contract Advertised; Bids March 1

SACRAMENTO, Jan. 25.—Bids on the first major contract of the Central Valley project will be opened here March 1, it was revealed today, following announcement in Washington by Acting Reclamation Commissioner John C. Page that a scale of prevailing wages to be paid on the Contra Costa conduit section has been determined by the Department of Labor.

First of the construction jobs will be a four-mile section of the conduit. The complete canal will be approximately 40 miles long and will cost about \$2,200,000.

Page announced Saturday after a conference with W. R. Young, construction engineer for the project, and Edward Hyatt, state engineer, that the Denver office of the Reclamation Bureau had been instructed to proceed with the call for bids as soon as possible. Today officials of the bureau in Sacramento revealed that March 1 has been set for the bid opening date, and that proposals will be received at the Sacramento office.

### Open Canal

Plans and specifications have not been received here yet, however, and consequently will not be available to contractors for several days.

The section advertised will be an open canal and will commence near Knightsen at the west end of Rock Slough and will extend westerly along the south side of Suisun Bay. Resident engineer on the job will be Oscar G. Boden of Antioch.

Details of the prevailing wage scale approved by the Department of Labor were not available today. In his announcement Page said wages will range from sixty cents an hour for common labor to \$1.50 an hour for highly skilled trades, according to press advices.

According to Page's announcement only \$11,400,000 is available for initial work on the project. A third slash in the original allotment of \$20,000,000 has reduced the amount of emergency funds available to \$4,500,000, while there is \$6,900,000 additional funds appropriated for the project by the last congress.

In a prepared press statement, Page said:

"The preliminary engineering work on all divisions of the project is about complete. The only remaining engineering problem of importance is final selection of a

dam site for the storage dam in northern Sacramento Valley. Extensive examination of several sites, including the Kennett, Table Mount and Baird sites, the latter on the Pit River and the others on the Sacramento River, are virtually complete. The bureau expects to be in a position very shortly to make a final determination of the most practical and economic site, thus completing all preliminary engineering work.

"Settlement of water right problems and acquisition of rights-of-way have occupied both the Bureau of Reclamation and the California State water authority, which is conducting negotiations in these matters for the bureau.

"Progress is being made in this regard, and I am hopeful that soon other work can be advertised."

## ARCO ANNOUNCES 6-TUBE RADIATOR

Completing its line of small tube, free standing radiators, American Radiator Company announces a new six tube, cast iron radiator, especially adaptable to modernization work, where the use of concealed convectors might mean major structural changes, and for new work when the cost will not permit completely concealed radiators and yet space and decorative requirements demand that the radiators be inconspicuous.

Available in three heights, 19-25- and 32-inches, the new radiator is 7 1/2 inches in width, with 1 1/2 inch centers. Tappings are 1 1/4 inches at the top and 1 1/2 inches at the bottom, and connection for both steam and water are 1 1/4 inch malleable nipples at top and bottom.

## BIDS INVITED ON BUILDINGS AT HOSPITAL

Stockton Group Advertised;  
Oakland Bidder Low On  
Yountville Nurses' Home

SACRAMENTO, Jan. 26.—A contract for construction of a group of buildings at Stockton State hospital was advertised today and bids were received for erection of the nurses' home at the Yountville Veterans' home by the State Division of Architecture.

Bids for the Stockton buildings will be opened February 24 at 2 P. M., in Sacramento, State Architect George B. McDougall announced. Segregated bids will be taken for general, electrical, heating and ventilating, and plumbing work.

The group will include seven buildings or units covered by a covered cloister. They will be of reinforced concrete construction, and will have steel sash and tile roofs. The group will house male patients at the institution.

### Yountville Bids

Low bidder for the Yountville nurses' home was Villadsen Bros., 2059 Webster street, Oakland with a proposal of \$65,000. Total bids on the general contract were as follows:

Villadsen Brothers	\$65,000
B. A. Howkins, San Francisco	68,888
Geo. J. Maurer, Piedmont	70,294
Empire Const. Co., S. F.	71,400
F. C. Amoroso & Sons, S. F.	72,340
DeLuca & Son, Inc., S. F.	75,772

For plumbing, J. J. McDermott, Sacramento, submitted a low bid of \$744. McDermott also was low bidder for heating, with a proposal of \$5,036. For electrical work, Allen Richards Ochs, Fresno submitted a low bid of \$2,300.

Designed by the Division of Architecture, the home will be a 2-story reinforced concrete structure containing 30 rooms. There also will be a 1-story wood frame duplex residence with a cement plaster exterior finish.

Shipments of distillate oil burners during October, 1936, totalled 95,074 units, as against 81,456 for the same month in 1935, the Bureau of Census reports.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
133	Kindler	Arras	1000
134	Huntington	Livingston	2500
135	Zayt	Owner	3500
136	Krull	Owner	3000
137	Courtesy	McFarland	1000
138	Rogers	Thulin	3000
139	Cassidy	S. F.	1500
140	Umbean	Presco	2305
141	Avery	McFarland	2000
142	Tynan	Flink	1950
143	Workman	Electrical	1450
144	McChesney	Owner	7500
145	Ricci	Owner	1200
146	Paganini	Owner	1000
147	Tydeman	Rahlman	14500
148	Liebman	Owner	6000
149	Liebman	Owner	6000
150	Liebman	Owner	6000
151	Liebman	Owner	6000
152	Meyer	Owner	3900
153	Meyer	Owner	3900
154	Murphy	Owner	4500
155	Murphy	Owner	4500
156	Murphy	Owner	4500
157	McBean	Owner	55000
158	McGinnis	Owner	25000
159	Nelson	Owner	4000
160	Wolter	Owner	5000
161	Nelson	Coburn	2500
162	Butcher	Owner	1800
163	Happy	McKeon	4000
164	Happy	McKeon	4000
165	Happy	McKeon	4000
166	Happy	McKeon	4000
167	Happy	McKeon	4000
168	Standard	Owner	3000
169	Standard	Owner	3000
170	Doejger	Owner	4000
171	S. F.	Hinson	15000
172	Layton	Coburn	1000
173	Levin	Owner	1000
174	Wilson	Coburn	10000
175	Fromeot	Aetna	1000
176	Mendo	Janeson	4000
177	Brooks	Owner	3000
178	O'Neill	Deasy	1500
179	Bayshore	Owner	16000
180	Brandt	Hamilil	1000
181	Daytons	Unit	2000

**SHOP**  
 (133) 1110 HOWARD ST. One-sty.  
 frame shop.  
 Owner—O. Kindler, Prem.  
 Contractor—Adam Arras, 4008 18th  
 St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (134) 32 MAPLE. Alter dwelling.  
 Owner—Marion Huntington, Prem.  
 Contractor—Wm. Livingston & Son,  
 1152 Euclid Ave., Berkeley.  
 Architect—E. T. Spencer, Claus  
 Spreckels Bldg. \$2500

**COPPER WORKS**  
 (135) SE COR 13TH and ISIS STS.  
 Steel frame copper works.  
 Owner—Zayt & Behnke Copper Wks.,  
 398 Tenth St.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (138) 637 POWELL. Alter apart-  
 ments.  
 Owner—Francis Krull, Prem.  
 Contractor—Now awarded.  
 Architect—H. T. Howard, 580 Market  
 St. \$3000

**SERVICE STATION**  
 (137) SW COR. 47th AVE. and Ca-  
 rillo. Class B service station.  
 Owner—Courtesy Service Garage, SW  
 Cor. 47th Ave. and Carillo.  
 Contractor—Jas. H. McFarland, 710  
 47th Avenue.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (138) 1334-45 STOCKTON ST. Al-  
 ter hotel.  
 Owner—B. Rogers, Chair, contractor.  
 Contractor—A. L. Thulin, 63 Brady.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (139) 2237 POLK ST. Alter store  
 and dwelling.  
 Owner—Paul R. Cassidy, premises.  
 Contractor—S. F. Bldg. & Const. Co.  
 2212 Polk St.  
 Architect—Not Given. \$1500

**ALTERATIONS**  
 (140) 314-15 GUERRERO ST. Alter  
 flats.  
 Owner—Umbean, Kerner & Stevens,  
 30 Montgomery St.  
 Contractor—Oscar Presco & Sons,  
 250 Langton St.  
 Architect—Not Given. \$2305

**ALTERATIONS**  
 (141) 585 VALENCIA ST. Alter  
 public garage.  
 Owner—Fred Avery, premises.  
 Contractor—Jas. H. McFarland, 710  
 47th Avenue.  
 Architect—Not Given. \$2,900

**ALTERATIONS**  
 (142) 62 TURK ST. Alter hotel.  
 Owner—Tynan Hotel, premises.  
 Contractor—The Fink & Schindler  
 Co., 532 Brannan St.  
 Architect—Not Given. \$1950

**SIGN**  
 (143) 432 SEVENTH ST. Electric  
 sign.  
 Owner—Workman Packing Co., 432  
 7th Street.  
 Contractor—Electrical Prod. Corp.,  
 910 Harrison St.  
 Architect—Not Given. \$1450

**DWELLING**  
 (144) W APTOS 449 N Ocean Ave.  
 One - story and basement frame  
 dwelling.  
 Owner—H. M. McChesney, 260 Up-  
 land Drive.  
 Architect—D. E. Jaekle, 12 1/2 Post St.  
 \$7,500

**ALTERATIONS**  
 (145) 3954 GEARY BLVD. Alter  
 restaurant.  
 Owner—H. P. and G. Ricci, premises  
 Contractor—Not Selected.  
 Architect—Not Given. \$1200

**ALTERATIONS**  
 (146) 439 JACKSON STREET. Al-  
 ter storehouse.  
 Owner—David Paganini, 617 Mont-  
 gomery Street.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (147) W MONT CLAIR 73 N Lom-  
 bard. Two-story and basement  
 frame dwelling.  
 Owner—F. W. Tydeman, 2111 Hyde.  
 Contractor—E. Rahlman & Co.,  
 251 Kearny St.  
 Architect—Farr & Ward, 68 Post St.  
 \$14,500

**DWELLING**  
 (148) E 26th AVE 316 N Lake St.  
 Two-story and basement frame  
 dwelling.  
 Owner and Builder—Ben Liebman,  
 3319 Fillmore Street.  
 Architect—Irvin Goldstein, 1200 Oak  
 Street. \$6,000

**DWELLING**  
 (149) E 26th AVE 238 N Lake St.  
 Two-story and basement frame  
 dwelling.

Owner and Builder—Ben Liebman,  
 3319 Fillmore Street.  
 Architect—Irvin Goldstein, 1200 Oak

**DWELLING**  
 (150) E 26th AVE. 290 N Lake St.  
 Two-story and basement frame  
 dwelling.  
 Owner and Builder—Ben Liebman,  
 3319 Fillmore Street.  
 Architect—Irvin Goldstein, 1200 Oak  
 Street. \$6,000

**DWELLING**  
 (151) E 26th AVE. 264 N Lake St.  
 Two-story and basement frame  
 dwelling.  
 Owner and Builder—Ben Liebman,  
 3319 Fillmore Street.  
 Architect—Irvin Goldstein, 1200 Oak  
 Street. \$6,000

**DWELLING**  
 (152) N TERESITA BLVD. 100 E  
 Portola Drive. One - story and  
 basement frame dwelling.  
 Owner and Builder—Meyer Bros., 735  
 Portola Drive.  
 Architect—Not Given. \$3,900

**DWELLING**  
 (153) N TERESITA BLVD. 130 E  
 Portola Drive. One - story and  
 basement frame dwelling.  
 Owner and Builder—Meyer Bros., 735  
 Portola Drive.  
 Architect—Not Given. \$3,900

**DWELLING**  
 (154) E KITTRIDGE 140 S Turk.  
 One - story and basement frame  
 dwelling.  
 Owner and Builder—John Murphy,  
 350 Claremont Blvd.  
 Architect—C. O. Clausen, 746 46th  
 Avenue. \$4,500

**DWELLING**  
 (155) E KITTRIDGE 115 S Turk.  
 One - story and basement frame  
 dwelling.  
 Owner and Builder—John Murphy,  
 350 Claremont Blvd.  
 Architect—C. O. Clausen, 746 46th  
 Avenue. \$4,500

**DWELLING**  
 (156) E KITTRIDGE 90 S Turk.  
 One - story and basement frame  
 dwelling.  
 Owner and Builder—John Murphy,  
 350 Claremont Blvd.  
 Architect—C. O. Clausen, 746 46th  
 Avenue. \$4,500

**OFFICE**  
 (157) SE COR. NINTH and Har-  
 rison Sts. Two-story Class C  
 office.  
 Owner—Gladding, McBean and Co.,  
 660 Market Street.  
 Engineer—T. Ronneberg, Crocker  
 Building. \$55,000

**APARTMENTS**  
 (158) NE COR. 16th and Spencer.  
 Three-story frame apartments.  
 Owner and Builder—P. J. McGinnis,  
 396 Guerrero Street.  
 Architect—Not Given. \$25,000

**DWELLING**  
 (159) E 22nd AVE. 157 S Ocean.  
 One - story and basement frame  
 dwelling.  
 Owner and Builder—Fernando Nel-  
 son & Sons, 2901 19th Avenue.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (160) N MATWOOD DR opp Brent-  
 wood Two-story and basement  
 frame dwelling.

**Owner and Builder—Paul A. Wolter Jr., 190 Maywood Drive.**  
**Architect—Earl MacDonald, 110 Sutter Street.** \$5,000

**ALTERATIONS**  
 (161) 3895 22nd St. Alter flats.  
**Owner—Nicolas Nelson, care contractor.**

**Contractor—L. W. Coburn, 048 Market Street.**  
**Architect—Not Given.** \$2,500

**ALTERATIONS**  
 (162) 53 POTOMAC. Alter flats.  
**Owner and Contractor—William A. Butcher, 53 Potomac.**  
**Architect—Not Given.** \$1,800

**DWELLING**  
 (163) E. 10TH AVE., 50 N NORE-IGA. One-story and basement frame dwelling.

**Owner—Happy Homes Bldg. Co., 2194 30th Ave.**  
**Contractor—C. T. McKeon, 2194 30th Ave.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (164) E. 10TH AVE., 125 N NORIEGA. One-story and basement frame dwelling.

**Owner—Happy Homes Bldg. Co., 2194 30th Ave.**  
**Contractor—C. T. McKeon, 2194 30th Ave.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (165) E. 10TH AVE., 25 N NORIEGA. One-story and basement frame dwelling.

**Owner—Happy Homes Bldg. Co., 2194 30th Ave.**  
**Contractor—C. T. McKeon, 2194 30th Ave.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (166) E. 10TH AVE., 100 N NORIEGA. One-story and basement frame dwelling.

**Owner—Happy Homes Bldg. Co., 2194 30th Ave.**  
**Contractor—C. T. McKeon, 2194 30th Ave.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (167) E. 10TH AVE., 75 N NORIEGA. One-story and basement frame dwelling.

**Owner—Happy Homes Bldg. Co., 2194 30th Ave.**  
**Contractor—C. T. McKeon, 2194 30th Ave.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (168) SE COR. BAY AND JONES. Steel greasing station.

**Owner—Standard Stations, Inc., 200 Bush St.**  
**Architect—Not Given.** \$3,000

**GREASING STATION**  
 (168) SE COR. BAY AND JONES. Steel greasing station.

**Owner—Standard Stations, Inc., 200 Bush St.**  
**Architect—Not Given.** \$3,000

**GASOLINE STATION**  
 (169) SE COR. BAY AND JONES. Steel gasoline station.

**Owner—Standard Stations, Inc., 200 Bush St.**  
**Architect—Not Given.** \$3,000

**DWELLING**  
 (170) W. 16TH AVE., 491 S LAWTON. One-story and basement frame dwelling.

**Owner—Henry Doelger Builder, Inc., 320 Judah.**  
**Architect—Not Given.** \$4,000

**ALTERATIONS**  
 (171) 1440 CLAY ST. Alter apartments.

**Owner—The San Francisco Bank, 528 California St.**  
**Contractor—L. A. Hinson, 756 4th Ave.**  
**Architect—Not Given.** \$15,000

**ALTERATIONS**  
 (172) 217 CLARA ST. Alter flats.  
**Owner—Mrs. Layton, care Contractor.**  
**Contractor—Ira W. Coburn, 2048 Market St.**  
**Architect—Not Given.** \$1,000

**WAREHOUSE**  
 (173) W. 11TH ST., 225 S HARRISON. Two-story frame warehouse.  
**Owner—Robert Levin, 444 11th St.**  
**Architect—Not Given.** \$1,000

**ALTERATIONS**  
 (174) 973 MARKET ST. Alter offices and stores.  
**Owner—Wilson Estate, Prem.**  
**Contractor—Ira W. Coburn, 2048 Market St.**  
**Architect—Not Given.** \$10,000

**ALTERATIONS**  
 (175) W. LANE, 55 S LA SALLE. Alter dwelling.

**Owner—L. Froment, 1501 McKinnon Ave.**  
**Contractor—Aetna Constr. Co., 1730 24th Ave.**  
**Architect—Not Given.** \$1,000

**DWELLING**  
 (176) E. ALEMANY, 214 N OTTAWA. One-story and basement frame dwelling.

**Owner—Men Corp., 1136 Clement.**  
**Contractor—E. A. Janssen, 1136 Clement.**  
**Architect—Not Given.** \$4,000

**DWELLING**  
 (177) S. VALLEJO, 143 W FRANKLIN. Three-story and basement frame dwelling.

**Owner—Een Brooks, 1737 Vallejo.**  
**Architect—Henry Gutterson, 526 Powell St.** \$3,000

**ALTERATIONS**  
 (178) 1679 CHURCH ST. Alter store.  
**Owner—Marcella O'Neill, Prem.**  
**Contractor—William Deasy, 351 27th Ave.**  
**Architect—Not Given.** \$1,500

**DWELLING**  
 (179) S. BAY, 69 W LEAVENWORTH. Two-story and basement frame dwelling.

**Owner—Bayshore Realty Co., 1182 Market St.**  
**Architect—H. C. Baumann, 251 Kearny St.** \$16,000

**SALESROOM**  
 (180) 2888 MISSION. Salesroom.  
**Owner—Brandt Realty Co., 2827 Mission St.**  
**Contractor—R. B. Hamill, 4014 Geary St.**  
**Architect—Not Given.** \$1,000

**ALTERATIONS**  
 (181) 963 MARKET. Alter store.  
**Owner—Dayton's Coats and Suits, Prem.**  
**Contractor—The Unit Bldg Fixture Co., 243 7th St.**  
**Architect—Not Given.** \$2,000

**ALTERATIONS**  
 (182) 963 MARKET. Alter store.  
**Owner—Dayton's Coats and Suits, Prem.**  
**Contractor—The Unit Bldg Fixture Co., 243 7th St.**  
**Architect—Not Given.** \$2,000

**ALTERATIONS**  
 (183) 963 MARKET. Alter store.  
**Owner—Dayton's Coats and Suits, Prem.**  
**Contractor—The Unit Bldg Fixture Co., 243 7th St.**  
**Architect—Not Given.** \$2,000

ALAMEDA COUNTY			
No.	Owner	Contractor	Am't
81	Shell	Owner	3500
82	Burnside	McClure	4500
83	Shell	Owner	4000
84	Papper	Owner	3000
85	Backman	Lesing	2800
86	Schwartz	Kaufenberg	9645
87	Shell	Owner	4000
88	Steiner	Schuppert	4000
89	Sprout	Owner	4000
90	Wheeler	Owner	1000
91	Fisher	Tobson	15,000
92	Allen	Allen	7500
93	Stearman	Owner	7000
94	Smith	Muller	1200
95	California	Christensen	2500
96	Redman	New	1500

97	Hamblin	Owner	5500
98	Taylor	Western	1200
99	Kierulff	Rose	2000
100	Hunter	Anderson	4750
101	Coykendahl	Brown	2000
102	Bell	Rose	1800
103	Suhr	Lynn	9000
104	Fair	Piedmont	19,000
105	Doeley	Owner	4200
106	Miller	Owner	1100
107	Swope	Ulin	1000
108	Cumby	Owner	9000
109	Hayward	Osincup	2700
110	Fox	Elec	2000
111	Stead	Owner	6000
112	Craig	Niska	3900
113	Capital	Lynn	1000

**SERVICE STATION**  
 (81) 1410 CYPRESS ST., OAKLAND. One-story steel service station.  
**Owner & Builder—Shell Oil Co., 315 Derby Ave.**  
**Architect—Not Given.** \$3500

**ALTERATIONS**  
 (82) 3508-12-14 WEBSTER ST., OAKLAND. Alterations to apartment.

**Owner—Mrs. and Miss Burnside, 408 Beloit Ave., Berkeley.**  
**Contractor—S. & J. S. McClure Co., 506 Romana Ave., Albany.**  
**Architect—Not Given.** \$4,000

**SERVICE STATION**  
 (83) 1899 UNIVERSITY AVENUE, BERKELEY. One-story 2-room service station.  
**Owner—Shell Oil Co., 315 Derby St., Oakland.**  
**Contractor—Owner; contract not yet let.**

**Architect—L. R. White, 100 Bush St., San Francisco.** \$4,000

**ADDITION**  
 (84) 529 ALAMEDA, BERKELEY. Addition.

**Owner—W. Pappert, Prem.**  
**Contractor—Thos. S. Lossing, 47 Canyon Road.**  
**Architect—W. T. Stubbarg, 1 Orchard Way.** \$2800

**DWELLING**  
 (85) 1200 VIRGINIA. One-story 4-room frame dwelling and garage.

**Owner & Builder—A. Backman, 601 Richmond St., El Cerrito.**  
**Architect—Not Given.** \$3,000

**STORE BUILDING**  
 (86) 1837 EUCLID, BERKELEY. One-story Class C store building.

**Owner—Henry Schwartz.**  
**Contractor—Victor A. Kaufenberg, St. Marks Hotel, Oakland.**  
**Architect—Not Given.** \$9615

**SERVICE STATION**  
 (87) 726 HARRISON ST., OAKLAND. Service station.

**Owner and Contractor—Shell Oil Co., 315 Derby Ave., Oakland.**  
**Architect—Not Given.** \$1,000

**GARAGE**  
 (88) 816-30 EAST 12th ST., OAKLAND. One-story brick garage.

**Owner—J. N. Steiner, 3516 Kingsland Ave., Oakland.**  
**Architect—R. Schuppert, 1533 Wellington St., Oakland.** \$4,000

**DWELLING**  
 (89) 976 CRESTON ROAD, BERKELEY. Two-story six-room frame dwelling and garage.

**Owner and Builder—H. R. Sprout, 307 Berkeley Park Blvd., Berkeley.**  
**Architect—Not Given.** \$4,000

**ADDITIONS**  
 (90) 1399 HARMON, BERKELEY. Additions.

**Owner and Contractor—S. A. Wheeler, 1299 Harmon, Berkeley.**  
**Architect—Not Given.** \$1,000

## APARTMENTS

(91) 581 BODEN WAY, OAKLAND.  
Two-story 19-room apartments.  
Owner—C. R. Fisher, 6127 Foothill  
Blvd.  
Contractor—Elmer Johnson, 450  
Oakes Blvd., San Leandro.  
Architect—Not Given. \$15,000

## DWELLING

(92) LOT 33, CASTLE DR., PIED-  
MONT PINES, OAKLAND. 2-  
story 6-room dwelling.  
Owner—Glenn G. Allen, 3471 Laurel  
Ave.  
Contractor—Allen & Allen, 3471 Lau-  
rel Ave.  
Architect—E. Musson-Sharp, 111  
Sutter St., San Francisco. \$7,500

## FACTORY

(93) 9929 PEARMAIN ST., OAK-  
LAND. One-story factory.  
Owner & Builder—Elmer Stearman,  
1440 Mitchell St.  
Architect—Allen Froberg, 1955 Web-  
ster St. \$7000

## ALTERATIONS

(94) 1727 TELEGRAPH AVENUE,  
OAKLAND. Alterations.  
Owner—William Smith, 12th and  
Washington Sts.  
Contractor—F. A. Muller, 1416 Jef-  
ferson St.  
Architect—Not Given. \$1200

## ADDITION

(95) 950 19TH AVE., OAKLAND.  
Addition.  
Owner—California Foundries, Inc.,  
Premises.  
Contractor—H. J. Christensen Co.,  
1955 Webster St.  
Architect—A. R. Froberg, 1955 Web-  
ster St. \$2500

## ALTERATIONS

(96) 628 12TH ST., OAKLAND. Al-  
terations and repairs.  
Owner—L. Redmon, Hotel Sutter.  
Contractor—New Art Roof Co., 1311  
Fruitvale Ave.  
Architect—Not Given. \$1500

## DWELLING

(97) 5621 FLORENCE AVE., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—Frank Hamilton,  
77 Linda Ave.  
Architect—Not Given. \$5500

## ALTERATION

(98) 2200 E. 12TH ST., OAKLAND.  
Alteration.  
Owner—Taylor Milling Co., Prem.  
Contractor—Western Industrial En-  
gineering Co., 2223 E. 37th St.,  
Los Angeles.  
Architect—Edwin Draper, 4059, 2223  
E. 37th St., Los Angeles. \$1200

## REPAIRS

(99) 2628 SHATTUCK, BERKELEY.  
Repair fire damage.  
Owner—P. Kierulff, Prem.  
Contractor—A. H. Rose, 478 25th St.,  
Oakland.  
Architect—Not Given. \$2000

## DWELLING

(100) 1126 OXFORD. One-story 6-  
room frame dwelling and garage  
Owner—O. E. Hunter, 1401 Oxford.  
Contractor—W. H. Anderson, 1014  
Doris Court, Alameda.  
Architect—Not Given. \$4750

## ALTERATIONS

(101) 2246 3RD ST., BERKELEY  
Alterations.  
Owner—Coykendahl Properties.  
Contractor—Brown Roofing Co., 4820  
Shattuck Ave., Oakland  
Architect—Not Given. \$2000

## REPAIRS

(102) 621 BLAIR AVE., PIEDMONT  
Repairs

Owner—James Bell, care Traynor  
Bell, Easton Bldg., Oakland.  
Contractor—A. H. Rose, 478 25th St.,  
Oakland.  
Architect—Not Given. \$1,800

## DWELLING

(103) 22 ALTA AVE., PIEDMONT.  
Two-story 8-room dwelling and  
garage.  
Owner—Sumner H. Sahr, 333 Port-  
land Ave., Piedmont.  
Contractor—W. F. Lynn, 1037 Ash-  
mont Ave.  
Architect—Not Given. \$9,000

## DWELLING

(104) 152 HAZEL LANE, PIED-  
MONT. Two-story 10-room frame  
residence and garage.  
Owner and Builder—Albert A. Fair,  
Inc., 37 Caperton Ave., Pied-  
mont.  
Architect—Houghton Sawyer, 337  
17th St., Oakland. \$19,000

## DWELLING

(105) 4217 ATLAS AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—Fred T. Dooley,  
3936 Vale Ave.  
Architect—Not Given. \$4200

## ADDITION

(106) 900 GLENDDOME CIRCLE,  
OAKLAND Addition.  
Owner & Builder—Elizabeth K. Mil-  
ler, Prem.  
Architect—Not Given. \$1100

## ADDITIONS

(107) 1418 NORTHSIDE, BERKE-  
LEY. Additions.  
Owner—C. W. Swope, Prem.  
Contractor—O. Ulin, 2957 Parker St.  
Architect—Not Given. \$1000

## ADDITION

(108) 730 E. 12TH ST., OAKLAND.  
One-story brick and concrete ad-  
dition.  
Owner & Builder—C. C. Cumby, 4011  
E. 14th St.  
Architect—Not Given. \$9600

## DWELLING

(109) 2946 BARRETT ST., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Chas. D. Hayward, 223 Fris-  
bie St.  
Contractor—Osincup & Kaiser, 1065  
Victoria Ave., San Leandro.  
Architect—Not Given. \$2700

## SIGN

(110) 3200 GRAND AVE., OAK-  
LAND. Marquee sign.  
Owner—Fox West Coast Theatres,  
Prem.  
Contractor—Electric Products Corp.,  
950 30th St.  
Architect—Not Given. \$2000

## DWELLING

(111) 200 FOREST LANE, BERKE-  
LEY. One-story 6-room frame  
dwelling and garage.  
Owner and Builder—Frank A. Stead,  
3206 Boile.  
Architect—Not Given. \$6000

BUILDING CONTRACTS  
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt
9	Day	Franceschi	\$667
10	Fat	Sommarstrom	16000
12	Tydemann	Rablman	14393

## DWELLING

(9) S MARINA BLVD 123 E Bak-  
er St. Two-story and basement  
frame dwelling.  
Owner—Carl E. and Florence Day,  
145 Franklin Street  
Architect—Farr & Ward, 68 Post St.  
Contractor—Louis Franceschi, 3630  
Fillmore St.  
Filed, Jan. 22, '37 Dated, Jan. 14, '37

Frame complete .....\$2166.75  
Plaster complete ..... 2166.75  
Completion ..... 2166.75  
Usual 35 days..... 2166.75  
TOTAL COST, \$8667.00  
Bond, \$4334. Sureties, Edw. Fran-  
ceschi and Jack Shields. Limit, 120  
days. Plans and specifications filed.

## FLATS

(10) N WASHINGTON III West  
Powell St. Three-story frame  
flats.  
Owner—Lve Chong Fat.  
Architect—Not Given.  
Contractor—Edward Sommarstrom,  
277 Pine Street.  
Filed, Jan. 20, '37. Dated, Dec. 23, '36.  
Excav. and foundation.....\$3200.00  
Rough frame ..... 3200.00  
Rough plaster ..... 3200.00  
Completed ..... 3200.00  
Usual 35 days.....1700.00  
Plus note ..... 1500.00  
TOTAL COST, \$16,000.00  
Limit, 60 days.

## STORE

(11) NW WEST PORTAL AVE.,  
149 NE 14TH AVE. One-story  
frame store.  
Owner—Martin Stellings, Jr., 135  
Montgomery.  
Architect—Francis E. Lloyd, 360 Pine  
St.  
Contractor—G. P. W. Jensen & Sons,  
Inc., 320 Market.  
Filed Jan. 27, '37. Dated Jan. 27, '37.  
75% 5th of each month.  
25% usual 35 days.....  
TOTAL COST, \$6,190  
Limit, Jan. 28 to March 19. Plans  
and specifications filed.

## DWELLING

(12) N. LOMBARD. 85 E HYDE.  
Two-story and basement frame  
dwelling.  
Owner—E. W. L. and C. M. Tydemann,  
2111 Hyde St.  
Architect—Farr & Ward, 68 Post St.  
Contractor—H. E. Rahlman Co., 251  
Kearny St.  
Filed Jan. 27, '37. Dated Jan. 15, '37.  
Frame complete .....\$3598.25  
Plastered ..... 3598.25  
Completion ..... 3598.25  
Usual 35 days..... 3598.25  
TOTAL COST, \$14,393.00  
Plans and specifications filed.

BUILDING CONTRACTS  
ALAMEDA COUNTY

No	Owner	Contractor	Amt
8	Nelle	Person	20692
9	Merritt	Leland	18343

## RESIDENCE

(8) Por LOTS 14 & 15, BLK. D,  
CLAREMONT PINES, Oakland.  
Residence.  
Owner—C. W. and Edith C. Nelle  
Architect—E. T. Spencer, Claus  
Spreckels Bldg., San Francisco.  
Contractor—Emil Person, 829 San  
Louis Rd., Berkeley.  
Filed Jan. 21, '37. Dated Jan. 19, '37  
Framing 1st floor complete.....15%  
All framing complete..... 15%  
Erown plastered ..... 20%  
Completion ..... 25%  
Usual 35 days..... 25%  
TOTAL COST, \$20,692  
Limit, 120 days. Plans and specifi-  
cations filed.

## EQUIPMENT

(9) OAKLAND. Boiler plant equip-  
ment.  
Owner—Samuel Merritt Hospital.  
Contractor—Walter S. Leland Co.,  
Walnut Creek.  
Filed Jan. 21, '37. Dated Dec. 23, '36.  
75% labor and material, 15th day  
each month.  
25% usual 35 days.....  
TOTAL COST, \$18,343.00  
Bond, \$9200. Surety, American Sure-  
ty Co. of N. Y. Limit, 150 days  
Plans and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Buildings |
| 7.—Federal Buildings            | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Consl.                |
| 10.—Hotels                      | 20.—Misc. Supplies & Etc.       |

### 1— APARTMENTS

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$100,000  
**LOS ANGELES, Cal.** 8728 Shoreham Drive, West Hollywood.

Two- and part three-story 16-unit frame and stucco apt. building (80 rooms) cedar shingle and composition roofing, cement, pine hardwood and linoleum floors, pine trim, tiled baths, showers and drainboards, gas unit heating system, electrical refrigerators, ornamental iron, fire escapes, casement windows, wood shutters, overhead garage doors incinerator, etc.

Owner and Builder—Edlee Co., 646 S La Brea Ave., Los Angeles.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$25,000  
**SAN FRANCISCO, Calif.** NE 16th and Spencer Sts.

Three-story frame and stucco apartment building.  
 Owner & Builder—P. J. McGinnis, 396 Guerrero St.  
 Architect—Not Given.

**Contract Awarded**  
**APARTMENTS** Cost, \$15,000  
**OAKLAND, Alameda Co., Calif.** 582 Boden Way.

Two-story frame and stucco apartment building (19 apts.)  
 Owner—C. R. Fisher, 6127 Foothill Blvd., Oakland.

Architect—Not Given.  
 Contractor—Elmer Johnson, 450 Oaks Blvd., San Leandro.

**Sub Bids Being Taken**  
**APARTMENTS** Cost, \$25,000  
**BURLINGAME, San Mateo Co., Cal.** El Camino Real, 270 ft. N. Broadway.

Two-story frame and stucco apartment building (eight 3-room apartments), steam heating system, metal sash, hardwood floors, tiled baths and showers, electric refrigeration, ornamental iron stair rail, circular fireplaces, white pine interior finish, garage space for eight cars.  
 Owner—Beda Wiklander.  
 Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.  
 Contractor—Bernard Wiklander, 29th Ave. and Juno St., San Mateo.

**Completing Working Drawings**  
**APARTMENTS** Cost, \$35,000  
**SAN FRANCISCO, Calif.** Mission District.

Three-story and basement frame and stucco apartment building (15 2- and 3-room apartments), metal sash, tile baths and stall showers, oil burning steam heating

system, ornamental iron stair rails, Philippine mahogany interior finish.

Owner—Name Withheld.  
 Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.

Bids will be asked in about ten days.

**Contract Awarded**  
**ALTER APTS.** Cost, \$15,000  
**SAN FRANCISCO, 1440 Clay St.**

Alter apartment building.  
 Owner—The San Francisco Bank, 526 California St.  
 Architect—Not Given.  
 Contractor—L. A. Hinson, 756 4th Ave., San Francisco.

### 3— CHURCHES

**BIDS WANTED**

**SAN BERNARDINO, Calif.**—First Christian Church, Rev. A. W. Wright, pastor, 498 Seventh St., San Bernardino, is taking bids for a new edifice to be built on the northeast corner of Tenth and Arrowhead Ave., San Bernardino. It will contain an auditorium to seat 500 persons. Sunday school rooms, social hall and kitchen; frame and stucco construction, composition shingle roof, acoustical treatment, air conditioning plant, electric pipe organ, etc. Cost, \$35,000. Plans prepared by Fred Jackson, chairman of the building committee.

### 4— FACTORIES & WAREHOUSES

**Planned**  
**PLANT** Cost, \$ \_\_\_\_\_  
**OAKLAND, Alameda Co., Cal.** Municipal Airport.

Airplane manufacturing plant.  
 Owner—Alcor Aircraft Corp. (Ahan Lockhead, President).  
 Architect—Not Given.

**Planned**  
**ADDITIONS** Cost, \$10,000  
**HAMILTON CITY, Glenn Co., Calif.**

Addition to several new buildings to factory inc. employees change room, shower baths, laundry room, dressing and locker rooms, also new seed warehouse (120x40 feet) concrete floor, wood frame, galvanized iron sheathing.

Owner—Holly Sugar Corp. (J. A. Ratekin, Superintendent).  
 Architect—Not Given.

**PLANS COMPLETED**

**LOS ANGELES, Calif.**—North American Aviation, Inc., 5701 Imperial Highway, will award a contract shortly for a new unit to be added to the company's factory at Los Angeles Municipal Airport, 5701 Imperial Highway. It will cover an area of 300x150 feet and will be of steel frame construction, composition roofing, metal lath and plaster, steel sash, fire doors, sprinkler system, metal toilet partitions, etc. Estimated cost, \$25,000. Plans prepared by Structural Engineer Niles Werner, Douglas Bldg.

**Contract Awarded**  
**PACKING PLANT** Cost, \$150,000  
**SAN FRANCISCO, SW Mariposa and Carolina Streets**  
 Four-story flat slab reinforced concrete coffee roasting and packing plant (80x190 feet), steel sash, sprinkler equipment, structural glass, terra cotta copper, linoleum floors, steel rolling and jack-knife doors

Owner—Standard Brands of California (Mr. H. Hecke, President), 245 11th Street.

Architect—E. A. Eames, 216 Pine St. Structural Engineer—W. H. Ellison, 820 Market St.

Mechanical Engineer—F. L. Nemece, 821 Market St.  
 Contractor—The Austin Company, 516 18th St., Oakland.

**Contract Awarded**  
**WAREHOUSE** Cost, \$15,000

**SACRAMENTO, Sacramento Co., Cal.** Front, Second, N and M Sts.  
 Reinforced concrete warehouse and terminal (124x50 ft.), corrugated iron roof, trackage facilities for six freight cars.

Owner—Sacramento Northern Railway.

Architect—Not Given.  
 Contractor—Campbell Constr. Co., 800 R St., Sacramento.

**To Be Done By Day's Work**  
**FACTORY** Cost, \$7,000

**OAKLAND, Alameda Co., Cal.** 9929 Pearmain Street.

One-story factory building.  
 Owner and Builder—Elmer Stearns, 1440 Mitchell St., Oakland  
 Architect—Alben Froberg, 1355 Webster St., Oakland.

### 5— FLATS

**Bids Wanted — To Close Feb. 1**

**FLATS** Cost, \$ \_\_\_\_\_  
**SAN FRANCISCO, Calif.** Vallejo and Leavenworth Streets.

Two-story and basement frame and stucco flat building (two 6-room and 2 baths flats).  
 Owner—E. Maubert.  
 Architect—Fabre & Hildebrand, 110 Sutter St.

**Sub Contracts Awarded**  
**FLATS** Cost, \$10,000 each

**SAN FRANCISCO, E. Masonic Ave.** 287 S Waller Street.

Two two-story and basement frame and stucco flat buildings.  
 Owner—F. S. Boedfeld, care Contractor.

Architect—Wm. F. Gunnison, 1666 Golden Gate Ave.  
 Contractor—Oliver M. Rousseau, 321 Kearny Street.

Roofing—Knight Roofing Co., 1476 Valencia St.

Plumbing—F. W. Spencer, 2529 Anza St.

Electric Wiring—Arc Electric Co., 4792 Mission St.

Heating & Sheet Metal—Standard Sheet Metal Co.

Tile—Scott Co., Inc., 243 Minna St.

Glass—W. P. Foller & Co., 201 Mission St.

Hardwood Floors—Ideal Floors, 2255 Francisco St.

Iron Grille Work—Ace Iron Works, 159 South Park St.

Grading—Devincenzi Bros. & Co., 150 Collins St.

Lumber—Smith Lumber Co., 4th and Channel Sts.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts.

Hardware—Palace Hardware Co., 581 Market St.  
 All of San Francisco.

**Bids In—Announcement Shortly**  
**FLATS** Cost, \$ \_\_\_\_\_  
**SAN FRANCISCO, Calif.** Elbert St.

Three-story frame and stucco flat building garage in basement, composition roof, wood sash, tile floors in baths.  
 Owner—W. E. Wessells, care Architect.

Architect—W. W. Wurster, 260 California St.

## 6—GARAGES & SERVICE STATIONS

Contract Awarded  
SERVICE STATION Cost, \$6,500  
SACRAMENTO, Calif. 1531 P St.  
Gasoline service station.

Owner—Richfield Oil Company.  
Plans by Engineering Dept. of the Owner.

Contractor—William Triesdale, 2116 H St., Sacramento.

Bids Rejected  
GARAGE, ETC. Cost, \$.....  
OAKLAND, Alameda Co., Cal. East 14th and 95th Avenues.

Steel frame coach maintenance garage bldg. and parking lot (corrugated iron roof, steel sash).  
Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove Street, Oakland.

Architect—Kent & Haas, Underwood Bldg., San Francisco.  
All bids were rejected and owners will announce later if new plans will be prepared.

To Be Done By Day's Work  
SERVICE STATION, ETC

SAN FRANCISCO. SE Cor. Bay and Jones Sts.

Steel gasoline service station and steel greasing station.  
Owner & Builder—Standard Stations, Inc., 200 Bush St., San Francisco.  
Plans by Engineering Dept. of the Owner.

Contract Awarded  
SERVICE STATION Cost, \$4,000  
SAN FRANCISCO, Calif. SW Lincoln Way and 7th Ave.  
Steel gasoline service station.  
Owner—Shell Oil Co., 100 Bush St.  
Plans by Engineering Department of the Owner.

Contractor—Empire Construction Co., Russ Bldg.

Contracts Awarded  
SERVICE STATION, ETC.

SAN FRANCISCO. SE Cor. Bay and Jones Streets.

Steel gasoline service station and steel greasing station.  
Owner & Builder—Standard Stations, Inc., 200 Bush Street.  
Plans by Engineering Dept. of the Owner.

Contractor—Grant - Martinielli Const. Co., 44 Mary Street.  
Electric wiring awarded to Atlas Electric Co., 956 Folsom Street, and piping and plumbing to Frederick Snook Co., 596 Clay Street.

## 7—FEDERAL BUILDINGS

CONTRACT AWARDED  
LOS ANGELES, Calif.—The Austin Company of California, 777 E. Washington Blvd., awarded contract for constructing a new steel frame unit at the North American Aviation Company's plant on the Los Angeles Municipal Airport, 5701 Imperial Highway. All work included in general contract.  
Plans by Structural Engineer Niles Werner, Douglas Bldg.

LOW BIDDER  
TORRANCE, Los Angeles Co., Cal.—Chamberlain Metal Weatherstrip Company, Detroit, Michigan, at \$407, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for insect screens at the U. S. Post Office at Torrance.

LOW BIDDER  
REDONDO BEACH, Los Angeles Co., Calif.—Robbins Manufacturing

Company, Chicago, Illinois, at \$329, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for insect screens in the U. S. Post Office at Redondo Beach.

BIDS REJECTED  
FAIRBANKS, Alaska.—All bids were rejected by the Procurement Division, Public Buildings Branch, Washington, D. C., for changes in first floor and post office screen in the post office at Fairbanks. Plans will be revised and submitted to District Engineer, 8th District, 232 Federal Office Bldg., San Francisco, for solicitation of new competitive bids.

The rejected bids follow:  
H. L. Grohme, Fairbanks (late bidder).....\$8,450  
B. H. Case, Fairbanks.....8,350  
C. Schiek.....9,100  
McDonald Const. Co., St. Louis 9,459

NOTICE TO BIDDERS  
SACRAMENTO.—The deposit for plans and specifications on work at the Sacramento Air Base should be in the form of a check payable to the Treasurer of the United States.

As noted in previous reports, the plans and specifications are available from the office of Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento.

Plans Being Figured—Bids Close  
February 19, 2 P. M.

GUARDHOUSE, ETC. Cost, \$135,000  
SACRAMENTO COUNTY, Cal. Sacramento Army Air Corps Supply Depot, near North Sacramento. Two-story reinforced concrete and steel headquarters bldg. (140x145 feet) marble rotunda with terrazzo floors, built-up roofing, asphalt and the floors, estimated cost, \$92,000 and 2-story reinforced concrete and steel fire and guardhouse building (main portion 60x49, with annex 24-ft. 9 in. x 25 ft.) built-up roof of 5-ply asphalt, asphalt, quarry and ceramic tile floors, flat roof, plaster walls and ceiling, estimated cost, \$43,000.  
Owner—U. S. Govt. (Maj. Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C. Plans and specifications obtainable from the office of Major Parker upon deposit of \$25.00. (1383)

BIDS OPENED  
SAN DIEGO, Cal.—Mutual Metal Mfg. Co., Chicago, at \$3,290, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the new U. S. P. O., etc., at San Diego.

Only other bid submitted was by The Reading Chandler Wks., Reading, Pa., at \$3,818.

BIDS OPENED  
SAN FRANCISCO.—J. W. Eklund Co. 557 Market St., at \$118, submitted low bid and recommended for award of contract for waterproofing the top surface of parapet wall at Building No. 1, Marine Hospital.  
Complete bids follow:  
J. W. Eklund Co., S. F.—\$118, completion in 1 day.

Empire Roofing Co., S. F.—\$150, completion in 10 days.  
Nick Hemmings, S. F.—\$200, completion in 60 days.

Alta Roofing Co., S. F.—\$232, completion in 20 days.  
Malott & Peterson, S. F.—\$200, completion in 25 days

Shulman-Conroy Painting Co., S. F.—\$320, completion in 15 days.

BIDS OPENED  
ANAHEIM, Orange Co., Calif.—Chamberlain Weatherstripping Co., Detroit, at \$718, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Anaheim.

Complete bids follow:  
Chamberlain Weatherstripping Co., Detroit.....\$718.00  
The Robbins Mfg. Co., Chicago 817.00  
Ceco Weather Strip & Screen Products, Chicago.....881.00  
Cincinnati Fly Screen Co., Cincinnati.....1,060.65

New Bids Wanted — To Close March 5, 1 P. M.

POST OFFICE Cost, \$88,000  
ANACORTES, Wash., United States Post Office Building.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

At previous bid opening, Nov. 17, all bids were rejected as being in excess of amount available. Howard S. Wright & Co., Inc., 2210 Second Ave., Seattle, at \$79,986, submitted low bid.

CONTRACT AWARDED  
WARM SPRINGS, Oregon.—Baldwin & Wheeler, Hood River, Ore., at \$57,901 (accepting Alt. 2), awarded contract by the Department of Interior, W. B. Fry, Purchasing Officer, Washington, D. C., for the construction of a one-story and part basement classroom building for Indian Agency. Complete bids published Dec. 29, 1936.

BIDS OPENED  
SAN FRANCISCO.—Clinton Construction Co. of Calif., 923 Folsom St., at \$36,200 submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for mint equipment at the U. S. Mint at San Francisco.

Plans Being Figured — Bids Close  
February 19, 2 P. M.

HEADQUARTERS BLDG., ETC. Cost, \$135,000

SACRAMENTO CO., Calif. Sacramento Army Air Corps Supply Depot, near North Sacramento. Two-story reinforced concrete and steel headquarters building, Spec. No. 313-E (140x145 feet), marble rotunda with terrazzo floors, built-up roofing, asphalt and the floors, estimated cost, \$92,000; and 2-story reinforced concrete and steel fire and guardhouse building, Spec. No. 312-E (main portion 60x49, with annex 24 ft. 9 in. x 25 ft.), built-up roof of 5-ply asphalt, asphalt, quarry and ceramic tile floors, flat roof, plaster walls and ceiling, estimated cost, \$43,000.  
Owner—U. S. Govt. (Maj. Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C. Bids will be taken as follows:

(1) Lump sum, construction and completion of Fire and Guard House and one Headquarters and built the floors, base and add or deduct if ceramic tile building, including utilities, wainscots in toilets of both the Fire and Guard House and Headquarters Building are omitted and concrete floors (integral fin-

ish), cement base, colored Keene cement smooth finish plaster, all exposed concrete rubbed smooth and the plaster and concrete walls and ceilings painted as specified are substituted;

- (3) Add or deduct if the exposed aggregate concrete or cast stone (contractor's option) for parapet copings on both the Fire and Guard House and Headquarters Building and the band above second story windows, band around base tower on the Fire and Guard House; and all cast stone where shown on both the Fire and Guard House and Headquarters Building are omitted and terra cotta as specified is substituted;
- (4) Add or deduct if all built-up roofs on both Fire and Guard House and Headquarters Building are constructed of asphalt in lieu of tar;
- (5) Deduct if the wrought-iron gates are omitted on the Fire and Guard House;
- (6) Deduct, if second story porch roof and columns are omitted from Fire and Guard House;
- (7) Deduct if intermediate weight casement windows (heavy casement windows and sub-frames over east and west entrances and basement windows to remain) are omitted and light weight casement windows substituted in the Headquarters Building;
- (8) Deduct if all marble pilasters, wainscots, trim, etc., above the marble base, including aluminum leaf ornament and bands on marble pilasters, metal moulding around marble trimmed openings are omitted and gypsum plaster pilasters, walls, etc., are substituted and painted as specified, in the Headquarters Building;
- (9) Deduct if ornamental terrazzo floor, including decorative aluminum inserts in first floor of Lobby are omitted and quarry tile in floors, except in toilets, are omitted and terrazzo floors of one color for the field and a darker color for the border of compositions Nos. 1 and 2 as specified, laid off with aluminum separating strips in squares approximately two feet six inches are substituted, in the Headquarters Building;
- (10) Unit prices:
- (a) Earth excavation, per c.y.;
  - (b) Rock excavation, per c.y.;
  - (c) Wet excavation, per c.y.;
  - (d) Type B concrete, including forms, per c.y.;
  - (e) Exposed aggregate concrete, per sq. ft.;
  - (f) Reinforcing steel, per ton;
  - (g) Brick in place, per M.;
  - (h) Gypsum plaster, including lath, per sq. yd.;
  - (i) Acoustical plaster, including lath, per sq. yd.;
  - (j) Parquet floor tile, per sq. yd.

Plans and specifications obtainable from the office of Major Parker upon deposit of \$25.00.

#### Plans Being Figured—Bids Close February 25, 2 P. M. SHOPS & REPAIR SHOPS

SACRAMENTO COUNTY, Calif.—Army Air Corps Supply Depot, near North Sacramento.  
One-story reinforced concrete and steel Engineering Shop and Repair Docks (850x500 ft.) building will be about 90 feet high with 50 ft. clearance under trusses; walls and footings will be of reinforced concrete; asbestos metal-protected roof over repair docks, built-up roof with flat deck over engineering shop part; doors will be 250x40 ft. in repair dock and 122x40 ft. in engineering shop.

Owner—U. S. Government (Major Arthur W. Parker, Contracting Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D.C. Bids will be taken as follows:

- (1)—Construction and completion of the Air Corps Engineering Shop and Repair Docks, including utilities thereto.

(2)—(Bid A) Roofing—If tar type built-up roof is omitted and asphalt type built-up roof is substituted, add or deduct from Item 1.

(3)—(Bid B) Roofing—If aluminum coping sheets, corrugated gable sheets and connecting extruded shapes are omitted and stainless steel substituted, add or deduct from Item 1.

(4)—Skylight glass—If plain corrugated wire sky light glass in skylights over repair Docks and Operations and Maintenance hanger is omitted and acrylic corrugated wire skylight glass is substituted, add or deduct from Item 1.

(5)—Glass Blocks—If fixed steel sash in 12 ft. 3-1/2 in. by 15 ft. 10 in. and 12 ft. 3-1/2 in. x 32 ft. 0 in. approximate size opening in exterior concrete walls are omitted and glass blocks substituted therefor, add or deduct from Item 1.

(6)—(Bid A)—Glass in exterior windows, fixed and pivoted.—If fixed and pivoted steel windows with approximately 14-in. by 20-in. rough flat wire glass lights are omitted and fixed and pivoted steel windows divided into approximately 24-in. by 4-in. flat rough wire glass lights with aluminum cover caps, bolts, clips and other necessary items are substituted therefor, add or deduct from Item 1.

(7)—(Bid B) Glass in exterior windows, fixed and pivoted.—If fixed and pivoted steel windows with approximately 14-in. by 20-in. flat rough wire glass lights are omitted and fixed and pivoted windows divided into approximately 28-in. by 4-in. corrugated wire glass lights with aluminum joint and jamb cover caps, inner strips, bolts, clips and other necessary items are substituted, add or deduct from Item 1.

(8)—(Bid A) Glass in main sliding doors—If fixed steel sash inserts with approximately 14-in. by 20-in. flat rough wire glass lights are omitted and fixed steel inserts divided into approximately 24-in. by 48-in. flat rough wire glass lights with aluminum caps and fittings are substituted, add or deduct from Item 1.

(9)—(Bid B) Glass in main sliding doors—If fixed steel sash inserts with approximately 14-in. by 20-in. flat rough wire glass lights are omitted and fixed aluminum sash inserts divided into approximately 28-in. by 48-in. corrugated wire glass lights with aluminum caps, strips and fittings are substituted, add or deduct from Item 1.

(10)—(Bid C) Glass in exterior doors other than main sliding.—If fixed steel sash inserts with approximately 14-in. by 20-in. rough wire glass lights are omitted and fixed steel sash inserts divided into approximately 24-in. by 48-in. flat rough wire glass lights with aluminum caps and fittings are substituted, add or deduct from Item 1.

(11)—(Bid D) Glass in exterior doors other than main sliding.—If fixed steel sash inserts with approximately 14-in. by 20-in. flat rough wire glass lights are omitted and fixed aluminum sash inserts divided into approximately 28-in. by 48-in. corrugated wire glass lights with aluminum strips, caps and fittings are substituted, add or deduct from Item 1.

(12)—Unit Prices—The contractor shall submit unit prices in the following schedule for all items listed below, to be used in making deductions from or additions to the contract amount, unit prices shall include the furnishing of all labor and material, complete in place unless otherwise noted:

- (a) Earth excavation, per c.y.
  - (b) Rock excavation, per c.y.
  - (c) Wet excavation, per c.y.
  - (d) Type A concrete, including forms per c.y.
  - (e) Type B Concrete, including forms per c.y.
  - (f) Structural steel, per ton.
  - (g) Reinforcing steel, per ton.
  - (h) Brick in walls, per M.
  - (i) 8-in. tile partitions, per sq. ft.
  - (j) 12-in. tile partitions, per sq. ft.
- Plans and specifications obtainable from the Constructing Quartermaster's office upon deposit of \$40.

Bids for mechanical equipment plumbing, heating and ventilating, will be called in about eight months. (104) 7

#### SUB BIDS WANTED

SACRAMENTO.—A. Nelson, Inc., 242 Ocean Ave., San Francisco, desires sub bids on all portions of the work for construction of the Headquarters Bldg., Fire and Guard House Bldg., at the Sacramento Army Air Corps Supply Depot, near North Sacramento, for which bids will be opened by Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento, February 19, 2 p.m.

#### CONTRACT AWARDED

SAN FRANCISCO.—J. W. Eklund Co., 557 Market St., at \$118, completion in one day, awarded contract by H. N. Krenkel, Material Officer, U. S. Marine Hospital, for waterproofing the top surface of parapet wall at Bldg. No. 1, Marine Hospital.

#### CONTRACT AWARDED

WOODLAND, Yolo Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, Ill., at \$209, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C. for insect screens in the U. S. Post Office at Woodland.

#### BIDS OPENED

SALINAS, Monterey Co., Calif.—San Ward, 34 Redwood St., Santa Cruz, at \$195, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at Salinas.

Complete bids follow:  
San Ward, Santa Cruz . . . \$195  
Harriet Hodgson, Salinas . . . 1,916  
California Nursery Co., Niles . . . 2,620

#### BIDS OPENED

VENTURA, Calif.—Chamberlain Metal Weather Strip Co., Inc., Detroit, Mich., at \$259, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C. for insect screens in the U. S. Post Office at Ventura.

Only other bid submitted by the Ceco Weatherstrip & Screen Products, Chicago, at \$915.

#### CONTRACT AWARDED

SAN DIEGO, Calif.—West Coast Gas Engine Co., 312 W. Market St., San Diego, at \$671, awarded contract by the Headquarters, Naval Operating Base, 11th Naval Dist., San Diego, under Spec. No. 8501, for repairs to ice cooling tank at 11th Naval District (Hospital) San Diego.

2 baths), tile baths, hardwood floors, flat roof, gas heat, steel sash.  
Owner—Mr. J. Gardina.  
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Bids will be taken from the following selected list of contractors:  
M. W. Reese, 1210 Minnesota Ave., San Jose.

C. F. Keesling, 798 Coe Ave., San Jose.  
N. J. Nielsen, 1270 Iris Court, San Jose.

Vincent J. Sunzeri, 176 N. 31st St., San Jose.  
Sal Gardino, 690 Mission St., San Jose.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$16,000  
SAN FRANCISCO, Calif. S. Bay St., 69 W. Leavenworth St.  
Two-story and basement frame and stucco residence.  
Owner & Builder—Bayshore Realty Co., 1182 Market St.  
Architect—H. C. Baumann, 251 Kearny St.

**Award of Contract Postponed**  
RESIDENCE Cost, \$9,500  
SAN FRANCISCO, Monterey Hgths.  
Two-story frame and stucco residence (8 rooms, 3 baths) asphalt shingle roof, wood and steel sash gas heat, air conditioned, hardwood floors, tile baths, etc.  
Owner—Dr. Clyde D. Horner, 513 Mission Street.  
Architect—Charles F. Strothoff, 2274 Fifteenth Street.  
Award of contract has been temporarily postponed. Announcement later.

**Award of Contract Postponed**  
RESIDENCE Cost, \$8,500  
SAN FRANCISCO, St. Francis Wood  
Two-story frame and stucco residence (8 rooms, 2 baths) asphalt shingle roof, wood and steel sash gas heat, air conditioned, hardwood floors, tile baths, etc.  
Owner—V. J. Beschel, 111 Sutter St.  
Architect—Charles F. Strothoff, 2274 Fifteenth Street.  
Award of contract has been temporarily postponed. Announcement later.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$3,750-\$4,000 ea.  
CAPITOLA, Santa Cruz Co., Calif.  
Opal Cliffs Tract.  
Forty 1-story frame and stucco residences (5 rooms each), Monterey style, hardwood floors, tile baths, detached garages, etc.  
Owner—C. H. Parker Company, Merchants Exchange Building, Sao Francisco.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
SACRAMENTO, Calif. 1851 11th Ave.  
One-story frame and stucco residence.  
Owner—R. L. Blakey, care Contractor.  
Architect—Not Given.  
Contractor—L. L. Watson, 1748 11th Ave., Sacramento.

**Contract Awarded**  
RESIDENCE Cost, \$7,500  
SAN MATEO, Calif. Lot 4, Blk. 19, Seville Way.  
Two-story frame and stucco residence.  
Owner—E. G. Macbain, 1221 Balboa St., Burlingame.  
Architect—Not Given.  
Contractor—E. S. Shaver, 1264 Edgemoor, Burlingame.

**Contract Awarded**  
RESIDENCE Cost, \$12,000

SAN MATEO, Calif. Lot 11, West Bellevue.

Two-story frame and stucco residence.  
Owner—J. M. Garwin, care Contractor.  
Architect—Not Given.  
Contractor—Suburban Bldrs., Inc., 1461 Burlingame Ave., Burlingame.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
ROSS, Marin Co. Del Mesa Tract.  
Two-story and basement frame and stucco residence.  
Owner—P. N. Dycart, Kentfield.  
Architect—Albert Farr & J. Francis Ward, 65 Post St., San Francisco.

**Contractor—Ernest Laxton, 526 Red Hill Ave., San Anselmo.**

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
PALO ALTO, Santa Clara Co., Calif. 606 Santa Rita Ave.  
Two-story frame and stucco residence; garage.  
Owner—A. C. Walker, San Jose.  
Architect—Not Given.  
Contractor—V. L. Stewart, 106 Rinconada Ave., Palo Alto. 14

January 23, 1937.  
**CONTRACT AWARDED**  
SAN FRANCISCO—L. Uebel, Box 181, Ripon, at \$11,614, awarded contract by the Public Utilities Commission, Room 287, City Hall, under S.F.W.D. Spec. No. 131, for the construction of a range of cottage and appurtenant structures at Davis Tunnel, about 5.5 miles west of Millbrae, San Mateo County.  
Complete bids published Jan. 7.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
BERKELEY, Alameda Co., Calif. 200 Forest Lane.  
One-story frame and stucco residence and garage (6 rooms).  
Owner & Builder—Frank A. Stead, 3206 Boise St., Berkeley.  
Architect—Not Given.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$8,500  
SAN FRANCISCO, Calif. St. Francis Wood.  
Two-story frame and stucco residence (8 rooms, 2 baths), asphalt shingle roof, wood and steel sash, gas heat air conditioned, hardwood floors, tile baths, etc.  
Owner—V. J. Beschel, 111 Sutter St.  
Architect—Charles F. Strothoff, 2274 15th St.  
Announcement will be made shortly.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$9,500  
SAN FRANCISCO, Calif. Monterey Heights.  
Two-story frame and stucco residence (8 rooms, 3 baths), asphalt shingle roof, wood and steel sash, gas heat air conditioned, hardwood floors, tile baths, etc.  
Owner—Dr. Clyde D. Horner, 5153 Mission St.  
Architect—Charles F. Strothoff, 2274 15th St.  
An announcement will be made shortly.

**Low Bidder**  
RESIDENCE Cost, \$12,000  
SAN MATEO CO., Calif. Hillsborough  
Two-story frame and stucco residence (9 rooms, 3 baths), shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, garage.  
Owner—Name Withheld.  
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Low Bidder—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Completing Plans**  
RESIDENCE Cost, \$9,500  
HILLSBOROUGH, San Mateo Co., Calif. Chiltern Road.  
Two-story frame and stucco residence (9 rooms, 3 baths), English style, hot air heating system, tile baths, hardwood floors, oak stairs, ornamental iron stair rail, cedar shingle roof, wood sash, two-car garage.  
Owner—Name Withheld.  
Architect—Oscar R. Thayer, 110 Sutter St., San Francisco.  
Bids will be asked in about two weeks.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
SAN RAFAEL, Marin Co., Calif.  
Two-story frame and stucco residence (6 rooms) garage hardwood floors, tile bath, modernistic style.  
Owner—Louis Becker.  
Architect—W. I. Garren, 233 Post St., San Francisco.  
Contractor—E. E. Thon, 244 Kearny St., San Francisco.

**Bid Opening Date Postponed Until**  
February 3, 5 P. M.  
RESIDENCES Cost, \$3,000-\$6,000  
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Parkway Terrace.  
Three-story frame and stucco residences (5 and 6 rooms), Moderne and Spanish-Colonial style and one 2-story frame and stucco residence (6 rooms).  
Owner—Withheld.

Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Following are figuring plans:  
M. Dickson, Box 1, San Bruno.  
Daley Bros., 1104 Vancouver Ave., Burlingame.

Frank Ferrea, 712 Fifth Ave., San Mateo.  
A. H. Feige, 801 Crystal Springs Road, San Mateo.  
Bernard Wiklander, 29th Ave. and Juno St., San Mateo.  
A. Zangrando & Co., 735 Grand Ave., South San Francisco.  
J. Bettancourt, 422 San Anselmo Ave., San Bruno.  
Antonio Planca, 609 Pine Terrace, South San Francisco.  
Bid opening postponed from January 27.

**Plans Being Figured—Bids Close**  
February 5, 12 Noon.  
RESIDENCE Cost, \$.....  
NORTH BERKELEY, Alameda Co.  
One-story frame and stucco residence (5 rooms) studio, living room, bedroom, bath.  
Owner—R. B. Giles, care architect.  
Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Plans are being figured by the following selected list of contractors  
H. T. Caskey, 4215 Carson Street.  
T. D. Courtright, 349 51st Street.  
J. E. Armstrong, 1131 Fleet Road.  
Albert Haskell, 25 Ridgeway.  
Olaf Peterson, 3625 Rhoda St.  
Victor Siege, 3912 Linwood Ave.  
All of Oakland.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, E. 10th Ave, N of Noriega St.  
Five one-story and basement frame and stucco residences.  
Owner & Builder—Happy Homes Bldg. Co., 2194 30th Ave.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO, E. Diamond St., N. Sunnydale.  
Two one-story frame and stucco res-



idences (5 rooms each), steel and wood sash, some terra cotta tile roofing, gas heat, hardwood floors, tile baths, etc.

Owner & Builder—The Ruegg Co., 369 Pine St., San Francisco.  
Architect—H. Larsen, 333 Kearny St., San Francisco.

**Contract Awarded**  
RESIDENCE Cost, \$8,667  
SAN FRANCISCO, Calif. Marina Blvd. and Baker St.

Two-story frame and stucco residence (7 rooms, 2 baths), tile and composition roofing, warm air heating system, hardwood floors, tile baths, etc.

Owner—C. E. Day.  
Architect—Farr & Ward, 68 Post St.  
Contractor—Louis Franceschi, 3630 Fillmore St., San Francisco.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$9,000  
SALINAS, Monterey Co., Calif.

One-story frame residence (8 rooms, 3 baths), shake roof, oak floors, hot water, tile baths, etc.

Owner—Mr. Lamb.  
Architect—Chas. L. Butner, 51 Maple St., Salinas.  
Superintendent of Construction—Mr. Frank Reilly.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$4,500  
RICHMOND, Contra Costa Co., Calif.

One-story frame and stucco residence (5 rooms), tile and composition roof, floor furnace, hardwood floors, tile bath, etc.

Owner—Mr. Flowers, Richmond.  
Architect—Keith Narbett & Irving Brown, 462 31st St., Richmond.

**Plans Being Revised**  
RESIDENCE Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif.

Two-story Georgian residence (two halls and lavatory, 3 bedrooms), Johns - Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.

Owner—Doctor Leighton Ray, Santa Rosa.  
Architect—Mark Daniels, 101 Post St., San Francisco.

**Plans Completed**  
RESIDENCE Cost, \$10,000  
GUERNEVILLE, Sonoma Co., Calif.

One and one-half-story frame residence (8 rooms, 2 baths), modified English type, stucco and board and batten exterior, shake roof, oil burning circulating heater, hardwood floors, 1 1/2 baths, detached garage.

Owner—E. W. Drake, care Architect.  
Architect—Clarence Caulkina, Rosenberg Bldg., Santa Rosa.

Bids will be asked within a few days.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
OAKLAND, Alameda Co., Cal. 5351-53 Ygnacio Ave.

One-story, two-family frame and stucco residence and garage (6 rooms).

Owner—J. W. McNiece.  
Architect—Not Given.  
Contractor—Lawrence Strong, 429 Haight Ave., Alameda.

**Contract Awarded**  
RESIDENCE Cost, \$12,000  
SAN MATEO, Calif. Lot 5, Blk. 1, Eaton Road.

Two-story frame and stucco residence.

Owner—Lincoln Wilson, 212 Eaton Road, San Mateo.  
Architect—Not Given.

Contractor—J. B. Oswald, 769 El Cerro, San Mateo.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000  
OAKLAND, Alameda Co., Calif. 425 Florence Avenue.

One-story frame and stucco residence (6 rooms).  
Owner & Builder—Whalen & Hufschmidt, 337 17th St., Oakland.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$12,600  
SAN MATEO CO., Calif. Baywood.

Two-story frame and stucco and brick veneer residence (9 rooms, 3 baths), shingle roof, warm air gravity heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Contractor—Lengfeld & Olund, Ltd., 220 3rd Ave., San Mateo.

**Contract Awarded**  
RESIDENCE Cost, \$5,000  
SAN MATEO, Calif. 214 Castilian Way.

One-story frame and stucco residence.

Owner—K. H. Power, care Contractor.  
Architect—Not Given.  
Contractor—R. E. Broderick, 130 12th Ave., San Mateo.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$5,000  
OAKLAND, Alameda Co., Calif.

Two-story frame residence (5 rooms, 1 bath), shingle roof, hardwood floors, gas and hot air heating system, etc.

Owner—Name Withheld.  
Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

**Preparing Preliminary Plans**  
RESIDENCES Cost, \$.....  
ORINDA, Alameda Co., Calif.

Two one-story frame and stucco residences (6 rooms each), shaka roofs, gas hot air heating systems, hardwood floors, etc.

Owner—Name Withheld.  
Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

**Contract Awarded**  
RESIDENCE Cost, \$20,692  
OAKLAND, Alameda Co., Calif. For Lots 14 and 15, Blk. D, Claremont Pines.

Two-story frame and stucco residence.

Owner—C. W. and Edith C. Nellie.  
Architect—E. T. Spencer, Claus Spreckels Bldg., San Francisco.  
Contractor—Emil Person, 829 San Luis Road, Berkeley.

**Preparing Sketches**  
RESIDENCE Cost, \$  
CARMEL, Monterey Co. Cal. Hatton Field.

Two-story Monterey Colonial residence.

Owner—Mrs. Murray.  
Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 5621 Florence Avenue.

Two-story frame and stucco residence (six rooms).

Owner and Builder—Frank Hamblin, 77 Linda Ave., Oakland.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,500  
Two-story and basement frame and stucco residence.

Owner & Builder—Paul A. Wolter, Jr., 190 Maywood Drive.  
Architect—Earl MacDonald, 110 Sutter St.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$7,000  
STOCKTON, San Joaquin Co., Calif. 407 E. Walnut St.

One-story frame and rustic residence (6 rooms), garage.  
Owner & Builder—Wm. E. Reilly, 1300 Alabama St., Vallejo.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
WOODSIDE, San Mateo Co., Calif.

One-story frame residence (10 rooms, 4 baths), wood exterior, shingle tile roof, gas hot air heating system, oak floors, etc.

Owner—Alston Hayne, Woodside.  
Architect—G. A. Dalley, 210 Post St., San Francisco.

**Completing Plans**  
RESIDENCE Cost, \$5,000  
CROCKETT, Contra Costa Co., Calif.

One-story frame and stucco and wood exterior residence (five rooms) shake roof, floor furnace hardwood floors, tile bath, etc.

Owner—A. Sandback, Crockett.  
Architect—Keith Narbett and Irving Brown, 462 31st St., Richmond.

Upon completion of plans owner will take bids.

**Completing Plans**  
RESIDENCE Cost, \$5,000  
CONCORD, Contra Costa Co., Calif.

Addition of a one-story mansio to Presbyterian Church (6 rooms).

Owner—Presbyterian Church, Concord.  
Architect—Keith Narbett and Irving Brown, 462 31st St., Richmond.

Upon completion of plans owner will take bids.

**Contract Awarded**  
RESIDENCE Cost, \$9,500  
PIEDMONT, Alameda Co., Calif. 22 Alta Avenue.

Two-story frame and stucco residence (8 rooms), garage.

Owner—Sumner H. Suhr, 333 Portland Ave.  
Architect—Not Given.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$19,000  
PIEDMONT, Alameda Co., Calif. 152 Hazel Lane.

Two-story frame and stucco residence (10 rooms), garage.

Owner & Builder—Albert A. Fair, Inc., 37 Capertore Ave., Piedmont.  
Architect—Houghton Sawyer, 337 17th St., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$8,000  
OAKLAND, Alameda Co., Cal. Lot 33, Castle Drive, Piedmont Pines.

Two-story frame and stucco residence (six rooms).

Owner—Glenn G. Allen, 3471 Laurel Ave., Oakland.  
Architect—E. Musson Shurpe, 111 Sutter St., San Francisco.  
Contractor—Allen & Allen, 3471 Laurel Ave., Oakland.

15—SCHOOLS

**SUB BIDS WANTED**  
ALAMEDA, Calif.—A. Nelson, Inc., 242 Ocean Ave., San Francisco, desires sub bids on all portions of the work for the reconstruction of the Porter School, Alameda Ave., bet. Oak and Walnut, for which bids will be opened February 19, 8 p.m.  
Plans prepared by Architect Henry A. Minton, Underwood Bldg., San Francisco.

**BIDS OPENED**

**SAN FRANCISCO.**—Pearson and Johnson, 2031 Bryant Street, at \$250 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5486, for model bungalow from Aptos Jr. High School, Upland Drive and Aptos Ave., to Fremont School, McAllister Street, between Broderick and Baker Streets.

**Complete bids follow:**

Pearson & Johnson	\$250
D. J. and T. Sullivan	251
Hanson Brothers	365

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Dept. of Public Works, Bureau of Building Repair, at \$2,756.68, awarded contract under Spec. No. 5399, for construction of a lunch room for the Raphael Weill School, O'Farrell and Buchanan Streets.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—J. W. Bender Roofing & Faving Co., 1999 Grant St., at \$999, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 5398, for re-roofing the McKinley School on Castro between Henry and 14th Streets.

**SUB BIDS WANTED**

**NAPA, Calif.**—A. Nelson, Inc., 242 Ocean Ave., San Francisco, desires sub bids on all portions of the work for the reconstruction of the Napa Union High School, for which bids will be opened February 8, 7:45 p.m.

Plans prepared by Architect William Herbert, Rosenberg Bldg., Santa Rosa.

**SUB BIDS WANTED**

**NAPA, Calif.**—L. Dioguardi, Route 1, Box 345, Sebastopol, desires sub bids on all portions of the work for the reconstruction of the Napa Union High School, for which bids will be opened February 8, 7:45 p.m.

Plans prepared by Architect William Herbert, Rosenberg Bldg., Santa Rosa.

**Bids Wanted — To Close February 8, 8:00 P. M.**

**RECON. SCHOOL** Cost, \$115,000  
NAPA, Napa Co., Calif. Napa Union High School.

Reconstruction of Napa Union High School and construction of a covered passageway from main building to the two school gym buildings; reinforced concrete & structural steel construction, and a one-story frame and stucco music building addition to rear wall of present stage, concrete foundation, wood floors, composition roof, thermal and sound insulation, Standard plumbing and electric work.

Owner — Napa Union High School District.

Architect — William Herbert, Rosenberg Bldg., Santa Rosa.  
Structural Engineer — Adrian, 417 Market St., San Francisco.

PWA approved grant of \$53,373 to assist in financing.

Plans and specifications may be obtained from the office of the Architect upon deposit of \$100.

A set of plans and copy of specifications is now on file at the office of the Builders' Exchange, 666 Mission St., San Francisco.

**CONTRACTS AWARDED**

**SAN FRANCISCO.**—De Luca and Son, Inc., 1745 Etherton Street, at \$34,772, awarded contract by the Department of Public Works, Room 251 City Hall, under Spec. No. 5384, for general construction on the auditorium for the Vistacion Valley Sch., to be erected on city property on Schwerin St. between Leland Ave.

and Vistacion Ave. Auditorium will be reinf. concrete, composition roof, wood floor, seating capacity of 400.

Plans prepared by Architects Hyman & Appleton, 68 Post St., and G. Albert Lansburgh, 321 Bush Street.

Contracts were awarded as follows:

<b>General Construction</b>	
De Luca & Son, Inc., 1745 Etherton Street	\$34,772
<b>Mechanical Equip. and Plumbing</b>	
M. J. Reeves Heating Co., Inc., 959 Natoma Street	3,270
<b>Electric Work</b>	
Central Ele. Co., 179 Minna St.	1,377

**SUB-BIDS WANTED**

**AVENAL, Kings Co., Calif.**—R. W. Brown Const. Co., 118 South Day St., Manteca, desires sub-bids on all portions of the work for the construction of the Lemoore Union High School branch at Avenal, for which bids will be opened Feb. 6, 2 P. M.

Plans prepared by Architects W. H. and Harold H. Weeks, 593 Market St., San Francisco.

**New Bids Wanted — To Close February 4, 7 P. M.**

**SCHOOL** Cost, \$15,000  
**TALMAGE, Mendocino Co., Calif.**  
New frame school building.

Owner—River Union Elementary Sch. District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

PWA approved grant of \$3,375 to assist in financing.

Plans and specifications may be obtained from the office of the County Superintendent of Schools at Ukiah, upon deposit of \$10.

Bids will be opened in Room One of the Mill Creek Schoolhouse at Talmage.

All bids have been rejected that were opened November 26, Charles Swinfeldt, Ukiah, at \$14,756, was low bidder.

**Plans Awaiting State Approval**  
**SCHOOL** Cost, \$20,000  
**ARBUCKLE, Colusa Co., Calif.**

Shop building (classroom and laboratory, general shop, metal and woodworking rooms, 50x110 ft.), wood frame, wood roof, concrete slab floor.

Owner—Pierce Joint Union High Sch. District.

Architect—W. E. Coffman, Forum Bldg., Sacramento.  
Plans have been forwarded to the State Division of Architecture for approval, and will then be sent to the PWA for approval.

**Plans Being Figured—Bids Close February 13, 1 P. M.**

**SHED BLDG., ETC.** Cost, \$20,000  
**ARBUCKLE, Colusa County, Calif.**

Frame shop building (classroom and laboratory, general shop, metal and woodworking rooms, 50x110 ft., wood roof, concrete slab floor), installation of sprinkler system, furniture and equipment, interior decorating of present new auditorium, and landscaping.

Owner—Pierce Joint Union High School District of Colusa County.

Architect—W. E. Coffman, 832 Forum Bldg., Sacramento.

Bids will be received by the Board of Trustees, Fred A. Clabsy, Clerk, in the present High School building at College City, and will be opened at 2 P. M., February 13. Plans and specifications obtainable from the Clerk's office upon deposit of \$10.00. Bid forms may be obtained from the office of the architect.

**Additional Sub-Contracts Awarded**  
**SCHOOL.** Contract Price, \$14,500  
**ORLANDVILLE, Sacramento Co.**  
One-story frame and stucco school (four classrooms).

Owner—Orangeville School District.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor — Lawrence Const. Co., 122 Ninth Ave., Sacramento.

Plumbing—Harvey Holland, 1715 P St., Sacramento.

Electrical—Frank Merwin, 2623 Donner St., Sacramento.

Concrete Mix—A. Teichert & Son, Inc., P. O. Box 1118, Sacramento.

Mill Work—Moore & Gault, 1716 Alhambra Road, Sacramento.

Blackboards—American Seating Co., 207 Van Ness Ave., South, San Francisco.

**Correction in Contractor's Name**  
**SCHOOL GYM & AUDITORIUM**  
**MENDOCINO CITY, Mendocino Co., Calif.**

One-story frame gymnasium and auditorium (concrete foundations, redwood shingle roof, top floor of maple, ground floor cement, electric wiring for auditorium and stage, stage, boys' and girls' recreation room, offices, boys' and girls' washrooms, ground floor space, 6,890 sq. ft.).

Owner — Mendocino Union High Sch. District.

Architect — N. R. Coulter, 46 Kearny St., San Francisco.

PWA has approved grant of \$7,120 to assist in financing.

Low Bidder—J. S. Hannah & Co., 268 Market St., San Francisco—\$17,984.

Mendocino Union High School District awarded contract to low bidder, subject to PWA approval.

**Contract Awarded**  
**ADDITION** Cont. Fr., \$11,741  
**BAKERSFIELD, Kern Co., Calif.**  
Fremont School.

Addition and alterations to Fremont School (2 classrooms).

Owner—Bakersfield Elementary Sch. District (Florence C. Porter, Secretary, 1600 K Street).

Architect—Office of Edwin J. Symmes, Frank Wynkoop, Architect, 215 Haberfelde Bldg., Bakersfield.

Contractor—Willard K. Michael, 600 Bernard St., Bakersfield.

Complete bids follow:

Willard K. Michael	\$11,741
A. J. Hendrycks, Bakersfield	11,850
Opperman Co., Bakersfield	13,480
F. A. Greenough, Bakersfield	14,374

**Plans Being Prepared**  
**SCHOOL** Cost, \$1,350,000  
**HONOLULU, Oahu, T. H.**

Group of 20 school buildings, each 2 stories, stucco on stone exterior, concrete frame, metal lath and plaster interior partitions, terra cotta tile roof, stained concrete floors, Oregon pine interior finish.

Owner—Bisgop Estate.  
Architect—C. W. Dickey, Honolulu.

**Contract Awarded**  
**SCHOOL ADDN.** Cost, \$7,600  
**HOLLISTER, San Benito Co., Calif.**

One-story stucco addition (4 classrooms) to Sacred Heart School.

Owner—Roman Catholic Church (Bishop Philip Schler).

Architect—Not Given.

Contractor—C. J. Raymond, 403 Central Ave., Pacific Grove.

**CONTRACT AWARDED**  
**ENCINITAS, San Diego Co., Calif.**

—Harry Muns, First National Bank Bldg., San Diego, awarded contract to San Diego Union High School District, at \$15,400, for erection of a frame and stucco school administration building in Encinitas, the first unit of a new high school plant to be established in that city. The contract, which will consist of 22 frame and stucco buildings with con-

neering arcades, will cost about \$300,000. Bids for the rest of the plant will be advertised next month and will be opened on or about March 12. Lillian J. Rice, Rancho Santa Fe, architect.

#### Sub-Contracts Awarded

**SCHOOL**—Contract Price, \$17,308  
KERN COUNTY, Calif.  
One-story frame and stucco school building.  
Owner—Semitropic School Dist., Kern County.

Architect—Chas. H. Biggar, 554 Harberfield Bldg., Bakersfield.

**Roofing**—O. McNay, Bakersfield.  
**Plumbing and Heating**—Pettijohn Co., 1115-17 Golden State Highway, Delano.

**Electric Wiring and Sheet Metal**—Drury Co., 615 19th St., Bakersfield.

**Glass and Mill Work**—Fresno Planning Mill, H and Montgomery Sts. Fresno.

**Lumber and Hardware**—Bakersfield Sandstone Co., 501 Sonora St., Bakersfield.

**Painting**—W. Wells, Taft.  
**Lathing and Plastering**—A. Simpson, 610 "V" St., Bakersfield.

**Bids Wanted — To Close February 10, 8 P. M.**

**RECONSTRUCTION** Cost, \$46,800  
ALAMEDA, Alameda Co., Calif., Alameda Ave., bet. Oak and Walnut.  
Reconstruct auditorium at the Porter School.

Owner—Alameda City School Dist.  
Architect—Henry A. Minton, Underwood Bldg., San Francisco.

**Structural Engineers**—L. H. Nishkian, 525 Market St., and James Hamill, 381 Bush St., San Francisco.

PWA has approved grant of \$21,060 to assist in financing and plans have been approved by State Division of Architecture.

Bids will be opened and plans and specifications may be obtained at the office of the Alameda Board of Education, Administration Bldg., Alameda Ave. and Oak St., upon deposit of \$25.

#### Award Approved

**RECONSTRUCT AUDITORIUM**  
Contract Price, \$106,413  
CROCKETT, Contra. Costa Co., Calif.  
Reconstruct the auditorium and East cloister at John Swett High School.

Owner—Crockett School District.  
Engineer—Dewell and Earl, 55 New Montgomery St., San Francisco.  
Contractor—Karl S. Koller, Crockett, and W. K. VanBokkelen, Oakland.

Award of contract has been approved by the PWA.

#### Bids Wanted — To Close February 8, 8 P. M.

**GYMNASIUM**  
OAKDALE, Stanislaus Co., Calif.  
One-story stucco gymnasium building, shower and locker rooms, at the Oakdale Union High School.  
Owner—Oakdale Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Plans and specifications may be obtained from the office of the Principal of the Oakdale Union High School in the Old Building, G Street and Bryan Ave., Oakdale, and from the office of the Architect upon deposit of \$20, made payable to the Architect.

Bids will be received and opened at the Board Room in the New Bldg., Oakdale Union High School.

## 16—BANKS, STORES AND OFFICES

**Plans Completed**  
TRANSIT TERMINAL Cost, \$.....  
SAN LUIS OBISPO, Calif. Carmel and Pacific Streets.

Transit terminal office building, shop building, dock for handling freight.

Owner—Valley & Coast Transit Co. (E. L. McConnell, Pres.).  
Architect—W. W. Sanford, Santa Barbara.

Plans and specifications have been submitted to the City Council for approval.

**Contract Awarded**  
RECONSTRUCT FIRE LOSS Cost, \$10,000  
SAN FRANCISCO, Wilson Building, 973 Market St.

Reconstruction of offices and stores damaged by fire.

Owner—Wilson Estate Co., 350 Geary St.  
Architect—Not Given.  
Contractor—Ira W. Cohn, 2014 Market St., San Francisco.

**Low Bidder**  
STORE BUILDING Cost, \$.....  
SAN FRANCISCO, West Portal Avenue.

One-story frame and brick veneer store building.

Owner—Martin Stelling.  
Architect—Francis E. Lloyd, 360 Pine Street.

Low Bidder—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

**Contract Awarded**  
OFFICE BLDG. Cont. Price, \$20,000  
SELBY, Contra. Costa Co., Calif.

One-story frame and stucco office building (50x100 feet) steel sash (addition to smelting plant).

Owner—American Smelting & Refining Co., 205 Montgomery Street, San Francisco.

Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.

Contractor—Dinwiddie Const. Co., Inc., 210 Crocker Building, San Francisco.

**Contract Awarded**  
OFFICE BLDG. Cost, \$.....  
FRESNO, Fresno Co., Calif. H and E/Dorado Streets.

New implement bldg. (display rooms etc.).

Owner—Schwabland Tractor Co., 1720 H St., Fresno.

Architect—Not Given.  
Contractor—D. H. Cahill, Fresno.

**Contract Awarded**  
STORE BLDG. Contract Price, \$6190  
SAN FRANCISCO, West Portal Avenue.

One-story frame and brick veneer store building.

Owner—Martin Stelling.  
Architect—Francis E. Lloyd, 360 Pine Street.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.

**Being Done By Day's Work**  
OFFICE BUILDING Cost, \$55,000  
SAN FRANCISCO, Calif. SE 9th and Harrison Sts.

Two-story Class C office building.  
Owner—Gladding McBean & Co., 660 Market St.

Engineer—T. Ronneberg, Crocker Bldg.

**CONTRACT AWARDED**  
LOS ANGELES, Calif.—Stanton-Reed Co., 816 W. Fifth St., awarded contract for remodeling and strengthening a two-story brick office building at 27th St. and Santa Fe Ave. for the Gilmore Oil Co. Architect, Earl

T. Heitschmidt, 808 Subway Terminal Bldg. Cost, \$50,000.

**Planned**  
HOTEL & STORES Cost, \$30,000  
SAN LEANDRO, Alameda Co., Cal.

NE Joaquin Drive and E 14th. Twenty-room hotel building with 8 store rooms, lobby, restaurant, banquet room, bar, etc.

Owner and Builder—George Petersen, 1841 Bancroft Ave., San Leandro.

Architect—Not Given.  
Construction will start in about sixty days.

**Low Bidder**  
ALTERATIONS Cost, \$5,000  
MODESTO, Stanislaus Co., Cal. 1010 Ninth Street.

Remodeling one-story brick building (new offices, new display rooms, etc.).

Owner—Chevrolet Motor Co.  
Architect—G. N. Hilburn, 1213 I St., Modesto.

Low Bidder—Wendell Thompson, 436 James St., Modesto.

**Contract Awarded**  
STORE BUILDING Cost, \$14,000  
FRESNO, Calif. 1405-19 N. Van Ness.

One-story store building.  
Owner—Adam Saroyan, Rowell Bldg., Fresno.

Architect—Not Given.  
Contractor—Fisher & McNulty, 1226 Fulton St., Fresno. 16

January 26, 1937.

**To Ask Bids Shortly**  
STORE Cost, \$7,500  
SALINAS, Monterey Co., Calif. Main Street.

One-story reinforced concrete store building.

Owner—Julia Duncan.  
Lessee—Pop Creamery Company.  
Architect—Chas. E. Butner, 51 Maple Street, Salinas.

Bids will be asked in about one week.

**Working Drawings Completed**  
STORE Cost, \$12,000  
SALINAS, Monterey Co., Calif. Main and Alisal Streets.

One-story steel frame and tile store building (six stores), composition roofing, cement and maple floors.

Owner—Cominos Brothers.  
Architect—Chas. E. Butner, 51 Maple St., Salinas.

Bids will be asked next week.

**Sub Contracts Awarded**  
STORE BUILDING Cost, \$10,000  
NAPA, Calif. Main St.

One-story reinf. concrete store bldg.  
Owner—Shawnt Estate.  
Plans by C. Leroy Hunt, 959 2nd St., Napa.

Contractor—J. H. Vienop, R.F.D. 2, Box 2284, Napa.

**Electric Wiring**—E. G. Wilson, 927 Brown St., Napa.  
Tile—Ragney Tile Co., 3012 Harris St., Oakland.

**Glass & Mill Work**—Jaekle Brothers, 918 Third St., Napa.

**Contract Awarded**  
STORE BLDG. Cost, \$10,000  
BERKELEY, Alameda Co., Cal. 1837 Emfil Avenue.

One-story Class C store building.  
Owner—Henry Schwartz  
Architect—Not given.

Contractor—Victor A. Kaufenberg, St. Marks Hotel, Oakland.

**Contract Awarded**  
DEPOT Cost, \$500,000  
SAN FRANCISCO, Fourth St. and Pioneer Place.

Two-story and basement steel and concrete railway and bus terminal (29,000 sq. ft.); first floor: ticket concourse, waiting room, rest room for men and women.

loading and unloading platforms and bus driveway areas; second floor: offices and baggage rooms; basement: company garage, mechanical facilities, heating plant.

Owner—Santa Fe Railway Co., 114 Sansome Street.  
Plans by Engineering Dept. of Owner (H. L. Gilman, Architect; M. C. Blanchard, Chief Engineer), Kerckhoff Bldg., 121 East Eighth St., Los Angeles.  
Contractor—P. J. Walker Company, Sharon Bldg., San Francisco.

#### Contract Awarded STORES AND APARTMENTS

**SOUTH SAN FRANCISCO** Cost, \$8,635  
San Mateo Co., Calif. SW Gardner Ave. and Bayshore Blvd.  
Two-story frame and stucco store and apartment building.  
Owner—E. Cortes, South San Francisco.

Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.  
Contractor—J. Bettancourt, 422 San Anselmo Ave., San Bruno.

**FIRE LOSS**  
SAN FRANCISCO.—Damage unofficially estimated at more than \$100,000 was caused by a fire which swept through four floors of the Wilson Building, 975 Market Street, this week. Reconstruction plans had not been completed today.

Bids In—Held Under Advertisment  
**REMODELING** Cost, \$.....  
OAKLAND, Alameda Co., Calif. 431 Nineteenth Street.  
Remodel existing building into coffee shop and cocktail bar.  
Owner—Tiny's High Hat Club (W. W. Naylor).  
Architect—Albert R. Williams, 251 Post St., San Francisco.  
Announcement shortly.

Plans Being Revised  
**OFFICE BLDG.** Cost, \$8,000  
GRASS VALLEY, Nevada Co., Calif.  
Two-story frame and stucco office building (50x50-ft.)  
Owner—Finance Co., Grass Valley.  
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.  
The Grass Valley City Council has authorized the widening of the street upon which the building will be situated, necessitating new plans.  
The following bids were received January 16:  
Paul Jenks, Grass Valley.....\$8,520  
Roy Madsen, Grass Valley..... 8,900  
H. Mussler, Auburn..... 9,800  
F. E. Michael, Auburn..... 10,000  
New bids will be called in about two weeks.

Contract Awarded  
**MARKET BLDG** Cost, \$9,000  
SANTA ROSA, Sonoma Co., Calif.  
Mendocino Ave.  
One-story reinforced concrete market building, composition roof, plate glass and tile front.  
Owner—A. Baldi, care Architect.  
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

## 17— THEATRES

Plans Being Figured — Bids Close February 4, 2 P. M.  
**THEATRE** Cost, \$120,000  
STOCKTON, San Joaquin Co., Calif.  
Main St., bet. California and Sutter Streets.  
New reinforced concrete Class C theatre building (60 x 125 ft.), seat 850; 20-ft. foyer, with store on each side.  
Owner—E. L. Wilhoit, Stockton.  
Architect—A. A. Cantin, 64 Pine St., San Francisco.

General bids, which do not include electric, heating, decorating and signs on the marquee, are being received at the Stockton Savings & Loan Bank (President's Office), Main and San Joaquin Sts., Stockton.

Plans are being figured by the following selected list of contractors:  
Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.  
Moore & Roberts, 693 Mission St., San Francisco.  
J. Alfred J. Hopper, 1769 Pleasant Valley Ave., Oakland.  
O. H. Chain, 41 S. Sutter St., Rm. 217, Stockton.

## 19—MISC. CONSTRUCTION

To Be Done By Day's Work  
**BELT CONVEYOR** Cost, \$1500  
OAKLAND, Alameda Co., Cal. Foot of East Seventh Street.  
New belt conveyors and frame work.  
Owner—Taylor Milling Co., 2201 E. 7th St., Oakland.  
Architect—Not Given.

**CONTRACT AWARDED**  
SAN FRANCISCO.—Hubbard Machlax Co., 1257 Folsom St., at \$294, completion in 25 days, submitted the low bid and awarded contract by H. N. Krenkel, Material Officer, U. S. Marine Hospital, 14th Ave. and Lake St., for overhauling two water feed pumps.  
The other bids were:  
Simonds Machinery Co., \$340.52; completion in 15 days.  
Scott Machine Co., \$437; completion in 20 days.

**BIDS WANTED**  
YERBA BUENA SHOALS, Cal.—Until February 11, 3 P. M., bids will be received by the Public Utilities Commission, Room 286, City Hall, San Francisco, under S. F. Bay Exposition No. 3, for furnishing and installing hydraulic hoisting equipment in connection with the ferry slips now being constructed on Yerba Buena Shoals.  
The work includes fabrication and furnishing of hydraulic plants, complete for operating three passenger transfer bridges and one freight apron, and the erection and installation of same.  
Plans and specifications obtainable at Room 605, 425 Mission Street, San Francisco, upon deposit of \$20

**CONTRACT AWARDED**  
WHITTIER, Los Angeles Co., Cal.—Louis E. Hill, 249 E. 76th Place, Los Angeles, at \$474, awarded contract by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Whittier.

Contract Awarded  
**ADDITION** Cont. Pr., \$5,544  
TAPT, Kern Co., Calif.  
One-story reinforced concrete addition to mausoleum (marble interior).  
Owner—West Side Cemetery District, Taft.  
Architect—Office of Edwin J. Symers, 215 Haberfelde Bldg., Bakersfield.  
Contractor—Opperman & Co., 1327 Orange Drive, Bakersfield.  
Complete bids follow:  
Opperman & Co., Bakersfield.....\$5,548  
L. H. Hansen & Son, Fresno..... 5,758  
Homer House, Taft..... 4,660

Plans Approved  
**SWIMMING POOL** Cost, \$35,000  
BAKERSFIELD, Kern Co., Calif.  
Central Park.  
Open-air swimming pool (120x50 ft.), stone tile bathroom (concrete floors and tile roof), showers, and sanitary facilities; chlorinating and filtering equipment; 15-ft. walkways, etc.

Owner—City of Bakersfield.  
City Council has approved plans and specifications prepared by City Engineer Joe Hofferder, and authorized an application to the PWA for a loan and grant to finance construction.

Plans Being Figured — Bids Close February 10, 5 P. M.  
**ALTERATIONS** Cost, \$20,000  
BERKELEY, Alameda Co., Calif.  
Berkeley Senior High School.  
Rehabilitating two existing swimming pools in boys' and girls' gymnasiums (each pool 32x75 ft.), taking out brick walls and replacing with gunite or concrete and strengthening roof and frames of buildings (one 50x95 ft. and one 50x120 ft.).  
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St., Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
Plans and specifications obtainable from the office of the architect upon deposit of \$25.

## 20—MISC. SUPPLIES AND MATERIALS

January 28, 1937.  
**CONTRACT AWARDED**  
EUREKA, Humboldt Co., Calif.—Southern Pipe & Casing Co. has been awarded a contract at \$1450 f.o.b. Los Angeles, by the U. S. Indian Irrigation Service, Los Angeles, for furnishing 5000 ft. 4-in., 12-gauge welded steel slip joint drive end pipe for shipment on government bill of lading to Eureka. Invitation No. 0365.

**BIDS OPENED**  
BYLAS, Arizona.—Commercial Iron Works submitted the low bid at \$61.92 each for the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, January 26, for furnishing 10-in. check valves for working pressure of 125 lbs. per sq. in. f.o.b. Bylas, Arizona, under Invitation No. 6372.  
The bids were:  
Commercial Iron Works—\$61.92 ea., discount 2%, 30 days, delivery one day.  
Rennselaer Valve & Mfg. Co.—\$59.35 ea., discount 2%, 30 days, delivery 7 days.  
Grinnell Co. of the Pacific—\$54.85, discount 2%, 30 days, delivery 10 days.  
Crane Co.—\$98.71, discount 2%, 30 days, delivery 10 days.

**BIDS OPENED**  
LOS ANGELES, Calif.—Bids for furnishing 30 hydraulically-operated 30-in. gate valve assemblies, complete with hydraulic operating cylinders and appurtenances, for Cajalco outlet tower, Spec. No. 184, were opened by the Metropolitan Water District January 26. The bids, which were referred to the chief engineer, were:

Rich Mfg. Co., Los Angeles: \$942 each assembly; use tax, \$28.26 each; total, \$970.26 each. Shipping weight, 6550 lbs. for Los Angeles. Use tax will be collected by the bidder; 2% 20 days.

Chapman Valve Mfg. Co., Los Angeles: \$597 each; total, \$29,850. Use tax, \$895; total bid, \$30,745.50. Shipping weight, 5900 lbs., for Indian Orchard, Mass. Use tax will be collected by the bidder; 2% 30 days.

Kennedy Valve Mfg. Co., Elmira, N. Y.: \$765.75 each; total, \$38,287.50. Use tax will not be collected by the bidder. Shipping weight, 6840 lbs., for Elmira, N. Y.; 2% 30 days.  
Crane Co., Los Angeles: \$900 each; total, \$45,000, plus sales or use tax if applicable. Shipping weight, 7240 lbs., for Chicago. Delivered at any

railroad destination, \$975 each; 2% 30 days.

Warren & Bailey Co., Los Angeles; \$1368.25 each; use tax, \$145.05 each; total, \$1493.30 each. Shipping weight, 8900 lbs., fob Bridgeport, Conn. Use tax will be collected by the bidder; 2% 30 days.

Koppers Co. (Western Gas Division), Fort Wayne, Ind., \$694 each; total, \$34700. Use tax will not be collected by the bidder. Shipping weight, 6700 lbs., fob Fort Wayne; 1% 10 days.

Ludlow Valve Mfg. Co., Troy, N. Y. (Renco, Inc., Los Angeles), \$693 Y. each; total, \$34,650. Usetax will not be collected by the bidder. Shipping weight, 6785 lbs., fob Troy, N. Y.; 10% procr.

Rensselaer Valve Co., Los Angeles \$1250 each; total, \$62,500; use tax, \$1875. Shipping weight, 7260 lbs., fob Troy, N. Y. Use tax will be collected by the bidder. No discount.

Joshua Hendy Iron Works, San Francisco: \$1435.50 each; total, \$71,775. No use tax. Shipping weight, 8800 lbs., fob Sunnyvale, Cal. No discount.

Mueller Co., Los Angeles: \$630 each, total, \$31,500; use tax, \$945; total bid, \$32,445. Shipping weight, 6988 lbs., fob Chattanooga, Tenn. Use tax will be collected by the bidder; 2% 10 days.

Iowa Valve Co. (Water Works Supply Co., Inc., Los Angeles) \$595 each; total, \$29,900; use tax, \$897; total bid, \$30,797. Shipping weight, 6550 lbs., fob Oskaloosa, Iowa. Use tax will not be collected by the bidder. No discount.

**BIDS OPENED**

LOS ANGELES.—Bids for furnishing structural steel switch rack, etc., under Spec. No. 2175, were opened by D. P. McKinlin, Purchasing Agent, Los Angeles Water & Power Department, Jan. 28. The bids were:

Western Pipe & Steel Co.—(1a) fob contractor's shipping point, \$2959 with bolts, \$7832 without bolts; (1b) fob Cliftonmore Ave. and Whittall, \$9400 with bolts, \$7964 without bolts; (2a) \$8090 and \$6727; (2b) \$8213 and \$6811; (2a) \$104 with bolts, \$91 without bolts; (3a) \$105 and \$92; net. Delivery, 60 days.

Emser, Derrick & Equipment Co.—(1a) \$9561 and \$8139; (1b) \$9634 and \$8212; (2a) \$9525 and \$8167; (2b) \$9298 and \$8190; (3a) \$134 and \$120; (3b) \$135 and \$121; net. Delivery, 60 days.

International Derrick & Equipment Co.—(1a) \$9925 and \$8150; (1b) \$10,035 and \$8250; (2a) \$10,175 and \$8080; (2b) \$10,255 and \$8180; (3a) \$125 and \$110; (3b) \$128 and \$113; 1/2 of 1% 20 days. Delivery, 75 days.

Pacific Iron & Steel Co.—(1a) \$10,650 and \$9450; (1b) \$10,800 and \$9600; (2a) \$10,900 and \$9450; (2b) \$10,850 and \$9600; (3a) \$170 and \$150; (3b) \$175 and \$155; net. Delivery, not stated.

**LOW BIDDERS**

SAN FRANCISCO.—Following are the low bids received by T. A. Brooks, Purchaser, of Supplies, City Hall, under Bid No. 1725, for furnishing stock and manufactured furniture for the School Department:

- (1) 252 chair desks, high school, movable; identical bids at \$7.45 submitted by Rucker-Fuller Co. and Hewwood Wakefield Co., and the American Seating Co.
- (2) 976 chairs library; Hewwood Wakefield Co., \$2.34.
- (3) 125 chairs, tablet arm; American Seating Co., \$6.
- (4) 800 chairs, assembly folding in sets of two; Hewwood Wakefield Co., \$3.19.
- (5) Maple stool; American Seating Co., \$9. 24-in., \$1.69 each, 120 30-in., \$1.95 each.

- (6) 90 desks, flat top, single pedestal; American Seating Co., \$23.60.
- (7) 19 desks, flat top, double pedestal; American Seating Co., \$30.10.
- (8) 3 desks, flat top, double pedestal; Rucker-Fuller Co., \$34.15.
- (9) Three swivel chairs; Hewwood Wakefield Co., \$10.55.
- (10) 142 teachers' tables; H. Schulte & Son, \$7.70.
- (11) 84 typing tables; H. Schulte & Son, \$3.20.
- (12) 40 cafeteria tables; H. Schulte & Son, \$7.75.
- (13) 100 primary tables; Wm. Valentine, \$2.97.
- (14) 400 dictionary stands; R. Brandlen & Co., \$3.31.
- (15) 200 folding cots; Y. L. Stuart Mfg. Co., \$5.10, 2% 30 days.
- (16) 50 stepladders; W. P. Fuller Co., \$1.20, 2% 10 days.

**CONTRACT AWARDED**

PYRAMID LAKE PROJECT, Nev.—California Corrugated Culvert Co., 5th and Pacific Sts., Berkeley, at \$141.36, awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for furnishing one metal slide gate, 36 in. high and 48 in. wide, complete with hoist for the Pyramid Lake Project, Nevada, under Invitation No. 0387.

**BIDS OPENED**

SAN FRANCISCO.—Identical bids at \$178.89, discount 2% 30 days, were received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 988-37-143, for furnishing iron drains and 108 ft. wrought-iron pipe, fob Fort Funston.

The bidders were: Crane Co., Walworth-California Co., Pacific Pipe Co., Duroconum Metals Corp., Richmond Sanitary Co., Tay-Holbrook Co., and United Pipe Co.

**BIDS OPENED**

LOS ANGELES.—Bids for furnishing nine steel covers for siphon transitions and large manholes complete with support beams and bearing plates, Specifications Nos. 185, were opened by the Metropolitan Water District, January 26. The bids were: Consolidated Steel Corp., Ltd., Los Angeles—(1) \$163 ea., total \$326; (2) \$165; (3) \$166; (4) \$270; (5) \$352; (6) \$299; total \$820, no use tax. Grand total \$2177. Fob 5700 S. Eastern Ave. No discount.

Western Pipe & Steel Co., Los Angeles—(1) \$170 ea., total \$340; (2) \$185; (3) \$182; (4) \$1238; (5) \$306; (6) \$718, \$1044; no use tax. Grand total, \$2297. Fob 5717 Santa Fe Ave. No discount. No use tax.

Pacific Iron & Steel Co., Ltd. \$147, \$294; (2) \$144; (3) \$144; (4) \$241; (5) \$317; (6) \$307, \$921. No use tax. Grand total \$2061. No discount. Fob 11637 S. Alameda St., Los Angeles.

Ruehler Tank & Welding Works 5000 Pacific Hotel, Los Angeles—(1) \$167, \$334; (2) \$162; (3) \$162; (4) \$264; (5) \$275; (6) \$268, \$1098; no use tax. Grand total, \$2295. No discount. Fob 11637 Santa Fe Ave., Los Angeles.

Western Steel Co., 671 1/2 Washington St., Los Angeles—(1) \$197, \$390; (2) \$197; (3) \$198; (4) \$292; (5) \$291; (6) \$101, \$1212; no use tax. Grand total, \$2091. No discount. Fob 6000 Washington Ave., Los Angeles.

Emser, Derrick & Equipment Co., 2701 1/2 Pacific Hotel, Los Angeles—(1) \$175, \$345; (2) \$175; (3) \$175; (4) \$217; (5) \$217; (6) \$217, \$870; no use tax. Grand total, \$2166. Fob 5717 Santa Fe Ave., Los Angeles.

1147 Meridian Ave., Alhambra. No discount.

**BIDS OPENED**

BOISE PROJECT, Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 863-D, for furnishing structural steel for the railroad bridge at Station 5 plus 32.61 of the Black Canyon Canal, Fayette Division, Boise Project, Idaho:

Milwaukee Bridge Co., Milwaukee—\$1874; fob Milwaukee; discount, 1/2%.

Bethlehem Fabricators, Inc., Bethlehem—\$2377; fob Bethlehem; net.

Clinton Bridge Works, Clinton, Ia.—\$2990; fob Clinton; discount, 1/2%.

Duffin Iron Co., Chicago—\$2300; fob Chicago; discount, 1/2%.

Midwest Steel & Iron Works Co., Denver—\$2373; fob Emmett, Idaho; discount, 1/2%.

Missouri Valley Bridge & Iron Works, Leavenworth—\$2,484; fob Leavenworth; 1/2%.

Michelmann Steel Constr. Co., Quincy—\$3,687; fob Emmett, Idaho; net.

Worden-Albert Co., Milwaukee—\$2,688; fob Emmett, Idaho; net.

Wisconsin Bridge & Iron Works, Milwaukee—\$2,059; fob Milwaukee; 1/2%.

Bethlehem Steel Co., Bethlehem—\$1,750; fob Chicago; net.

John W. Beam, Denver—\$2,625; fob Denver; 1/2%.

Olson Mfg. Co., Boise—\$3,376.22; fob Boise; net.

American Bridge Co., Denver—\$2,061; fob Gary, Ind.; net.

Virginia Bridge Co., Roanoke—\$2,159; fob Memphis; net.

**BIDS OPENED**

SAN FRANCISCO.—Star Ornamental Iron Works, 227 Bay St., at \$291.90, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 988-37-141, for furnishing steel doors as follows:

- (1) One 3x7-ft. for plotting switch-board room;
  - (2) One 3x7-ft. for plotting switch-board room, opposite hand;
  - (3) One 3-ft. 6-in. x 6-ft. 6-in. for pump house.
- Delivery fob Fort Funston. Complete bids follow:  
 Star Ornamental Iron Works—\$291.90; discount, 1/2% 10 days, net 30 days.  
 Fair Mfg Co.—\$294; discount, 1% 10 days, 1/2% 20 days, net 30 days.  
 Patterson & Koster Iron Works—\$350; discount, 1/2% 10 days.  
 F. Kern & Sons Iron Works—\$447; no discount.  
 Industrial Ornamental Iron Works—\$498; discount, 2% 10 days, 1% 20 days, net 30 days.

**CONTRACT AWARDED**

OAKLAND, Alameda Co., Calif.—Pacific States Cast Iron Pipe Co., 17th Bldg., San Francisco, at \$6,850 submitted low bid and awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Informal Proposal No. 833, for furnishing 10,000 ft. of 6-in. cast-iron pipe.

Complete bids follow:  
 Pacific States Cast Iron Pipe 6,850

P. P. Pine & Foundry Co., 7,750 Broadway of the Pacific 8,100

**CONTRACT AWARDED**

MERCED Merced Co., Calif.—Valley Paving & Construction Co., P. O. Box 1249, Fresno, at \$1.05 per ton, awarded low bid and awarded contract by the Merced City Council, W. C. Lough City Clerk, for furnishing approximately 720 tons of asphalt concrete pavement mix.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

### BIDS OPENED

**KERN CO., Calif.**—Following bids received by F. F. Moran, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 983, for furnishing 89,358 ft. b.m. structural Douglas fir lumber for the main span, and 18,608 ft. b.m. for the approach span of the Kern River Bridge:

James L. Hall—\$3,346.95, f.o.b. Portland and Eugene; weight, 289,654 lbs.; discount, 2% 20 days, 1% 30 days.

E. K. Wood Lumber Co.—\$2,770, f.o.b. Cottage Grove; weight, 313,295 lbs.; discount, 2% 10 days, 1% 20 days.

Loop Lumber Co.—\$2,784.21, f.o.b. Toledo; weight, 299,000 lbs.; discount, 2% 30 days.

### CONTRACT AWARDED

**CONTRA COSTA CO., Calif.**—Bundesen & Lauritzen, P.O. Box 395, Pittsburg, at \$6,285.43, awarded contract by the Contra Costa County Board of Supervisors for the construction of a bridge on Livorna Avenue, Alamo.

### BIDS WANTED

**YUMA COUNTY, ARIZ.**—Until Feb. 4, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of the Phoenix-Yuma Highway (F. A. 55, 3rd Reop.) (1937) Sched. 2, AFE 8012.

The principal items and approximate quantities are:

- 2,630 c.y. rdwy. excav.;
  - 10,200 c.y. drainage excav.;
  - 31,700 sta. yds. overall;
  - 880 c.y. m. haul;
  - 5,650 c.y. imported borrow;
  - 2,720 c.y. select material;
  - 425 mln. gal. sprinkling;
  - 170 hours rolling;
  - 280 c.y. struc. excav.;
  - 388 c.y. Class A concrete.
- 39,000 lb. reinforcing steel:
- 845 tons cutback mix;
  - 55 tons cutback asphalt;
  - 139 tons screenings;
  - 536 tons salvaging and relaying oil cake;
  - 100 tons salvaging and stockpiling oil cake.

Specifications obtainable from the above office. T. S. O'Connell, State Highway Engineer.

### BIDS WANTED

**LOS ANGELES COUNTY, Calif.**—Until February 18, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across the south branch of Big Tujunga Wash, consisting of three 55-

ft. spans and two 18-ft. end cantilevers, and the widening and reconstruction of a reinforced concrete girder bridge across the north branch of Big Tujunga Wash, consisting of twelve spans, each approximately 54-ft. in length.

- The work involves
- (1) 1,740 lf. concrete railing to be removed;
  - (2) 1,300 c.y. existing concrete to be removed;
  - (3) 2,100 c.y. struc. excav.;
  - (4) 500 tons asphalt concrete;
  - (5) 635,000 lbs. bar reinf. steel;
  - (6) 200 each cinch anchors (type A) & 800 each do. (type B);
  - (7) 3,580 c.y. Class A Portland cement concrete (struc.);
  - (8) 78 c.y. Class A do. (railing);
  - (9) 42 MFBM timber (dettour);
  - (10) 16,600 lbs. cast steel (rockers and bearings);
  - (11) 1,000 c.y. riprap;
  - (12) 20 c.y. Class A Portland cement concrete (slope paving);
  - (13) 350 lf. bank protection fence;
  - (14) 1 lot lighting equipment;
  - (15) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

### BIDS WANTED

**RIVERSIDE COUNTY, Cal.**—Until February 8, 2 P. M., bids will be received by the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for the reconstruction of a bridge across Santa Ana River near Prado, Riverside County.

Plans and specifications obtainable from the above office.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**LONG BEACH, Los Angeles Co., Calif.**—Until February 1, 10 a.m., bids will be received by the Long Beach City Council for the repair of Rainbow Pier Enrockment in accordance with Spec. No. R-947, copies of which may be obtained at the office of J. W. B. Blackman, City Engineer-Director of Public Service. The city intends to repair and improve the enrockment by depositing thereon broken cement concrete blocks now stored at the Sanitary Department dumping ground east of Newport Avenue, approximately 500 ft. north of Willow Street.

The estimated quantity of material to be loaded at the City Dump, trucked to Rainbow Pier and placed

or dumped on the Rainbow Pier Enrockment is 5000 tons.

Unit bids will be taken on:

- (1) Loading and hauling cement concrete blocks and dumping from trucks;
- (2) Loading and hauling cement concrete blocks and placing by crane or derrick.

Certified check or bank draft for 10% must accompany each proposal. R. M. Dorton, City Manager.

### TO PREPARE PLANS

**ALAMEDA, Alameda Co., Calif.**—The Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C., has authorized the Commandant, Twelfth Naval District, to prepare plans and specifications for making exploratory borings in order to furnish information as to the best locations for dredging material to be used as filling in constructing the land areas of the Naval Air Station, Alameda. This work will be under the Bureau of Yards & Docks' Specification No. 8409.

The work of making these borings will not be advertised until such time as it may become evident that the funds for actual construction of the Station will be appropriated by Congress during the present session. No funds have been appropriated as yet.

## 23— CANALS

### PLAN APPROVED

**LONG BEACH, Los Angeles Co., Calif.**—The county counsel has approved a proposal of the city of Long Beach to use steel sheet piling in lieu of concrete sheet piling for the Naples Canal job in Long Beach. Plans made at the time of the \$100,000 county appropriation contemplated the use of the latter material. The work is being done under the direction of J. W. B. Blackman, City Engineer-Director of Public Service, Long Beach.

### BIDS WANTED

**CONTRA COSTA CO., Calif.**—Until March 1, bids will be received by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, for the construction of a four-mile section of the Contra Costa Conduit of the Central Valley Water Project. The complete canal will be about 40 miles in length and is estimated to cost \$3,200,000, and will have a capacity of 275 second-feet.

The section now advertised for bids will be an open canal and will commence near Knightsen at the west end of Rock Slough and extend westerly along the south side of Suisun Bay.

Plans and specifications have not been received by the Sacramento office as yet, but are expected within a few days.

A complete description of the work will be published shortly.

Oscar G. Boden, Antioch, resident engineer.

## 24— STREET LIGHTING

### BIDS WANTED

**SAN FRANCISCO.**—Until February 5, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 23, for the construction of a street lighting system on 25th Avenue between Fulton and El Camino Del Mar.

The work will involve:

Capital City  
Title Company

JAMES E. BANCROFT

Manager

14 Seventh Street  
Sacramento • California

- (1) 6 trolley pole brackets with lummings and auto transformers;
  - (2) 47 electroliers, complete with auto transformers;
  - (3) 14,500 lf. primary cable.
- Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10.

**BIDS OPENED**

**SAN FRANCISCO**—Abbott Electric Co., 126 Sears St., San Francisco, at \$3,152, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 22, for constructing a street lighting system on San Jose Ave., from Sickles Ave. to the County Line.

Complete bids follow:

Abbott Electric Co.	\$3,152
H. C. Field & Co.	\$1,183
Electric Power Bureau	\$3,225
H. S. Tittle Co., Inc.	\$4,220
Spencer Electric Co.	\$3,820

All bidders of San Francisco.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Abbott Electric Co., 126 Sears St., San Francisco, at \$3,152, awarded contract by the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 22, for constructing a street lighting system on San Jose Ave., from Sickles Ave. to the County Line.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Electric Power Bureau, 425 Mason St., at \$2,515, awarded contract by the Public Utilities Commission, City Hall, under Electrical Power Bureau Contract No. 18, for the construction of a street lighting system on Anza St., from Parker Ave. to Arguello Blvd.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

**YREKA**, Siskiyou Co., Cal.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3233, for rental of one 1½-ton truck for use on WPA projects, fob Yreka:

Sunset Supply, \$5.00; discount, 1% 20 days.  
Evans Auto & Truck Rental, \$5.90; net.

Lerer Bros., San Francisco, \$6.74; discount, 2% 20 days.  
Wm. P. May, \$6.75; net.  
Jenner & Hayden, \$7.50; net.  
E. H. Bahr, \$7.94; net.  
Emmett Huff, \$10; net.  
C. M. Svar, \$13.95 per day; discount irregular.

Alexander Bros., \$637 for first 55 miles, \$6.08 for each additional mile; net.

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., under Bid No. 3247, for the rental of one 5-ton low-bed truck for use on WPA projects, for exposition landscaping Edna and Havelock Sts. San Francisco.

Farnsworth & Ruggles, \$2.20 per hour.  
Ballenger & Son, \$2.24.  
Overland Freight Transfer, \$3.00  
C. W. Thomas Drayage & Rigging Co., \$3.00.  
Emmons Draying & Safe Moving Co., \$3.00.  
Dan Gallagher Co., \$3.40.  
Evans Truck Rental, \$3.50  
Hicks & Co., \$3.50.  
All bids net.

**BIDS OPENED**

**FORT MASON, CAL.**—Lee J. Inmel, 1031 Evelyn St., Berkeley, at \$3.72

per hour, submitted low bid to the Constructing Quartermaster, Ft. Mason, under Bid No. W 6016-37-56, for the rental of one tandem gasoline road roller, 5 or 8 tons capacity, for approximately eight working days; fob Letterman General Hospital.

The other bids were:  
Chas. L. Harnay, \$4.75 per hour.  
A. J. Raisch, \$6.43 per hour.

**BIDS OPENED**

**FULLERTON**, Los Angeles Co., Calif.—Bids for furnishing one vertical sewage pump direct connected to electric motor were opened by the Fullerton City Council. The bids were:

Pump & Agricultural Supply Co., Anaheim (Kimball-Krogh)—\$96.30.  
Fairbanks, Morse Co.—\$89.40.  
Byron Jackson—\$1290.

The bids were referred to the Sanitation Committee and City Engineer for award of contract.

**BIDS OPENED**

**NEW MEXICO AND ARIZONA**—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at \$19,250, for two 54-inch needle valves, and at \$26,346 for two 66-in. needle valves, fob. Sunnyvale, submitted the only bid received by the Bureau of Reclamation, Denver, under Spec. No. 714, for furnishing 54-inch valves for installation in the outlet works at the Alamogordo Dam, Carlsbad Project, New Mexico; and two 66-inch needle valves for installation in the outlet works at the Bartlett Dam, Salt River Project, Arizona.

**BIDS OPENED**

**SALT RIVER PROJECT**, Arizona.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 864-D, for furnishing three 6-ft. by 7-ft. 6-in. high-pressure gate assemblies for installation in the slide-gate outlets at the Bartlett Dam, Salt River Project, Arizona:

Consolidated Steel Corp., Ltd., Los Angeles—\$50,147; fob. Los Angeles.  
Joshua Hendy Iron Works, San Francisco—\$48,857; fob. Sunnyvale.  
Koppers Co. (Western Gas Division, Fort Wayne, Ind.—\$46,000; fob. Fort Wayne.

**BIDS OPENED**

**BOULDER CANYON**, Nev.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 567-D, for furnishing equipment for the Boulder Power Plant, as follows:

- (1) Four 1,667-kva, 16,500 34,500-volt transformers.
- (2) Three 1,667-kva 16,500 34,500-volt transformers.
- (3) One 34,500-volt, 600-amp, 3-pole, air-break switch.
- (4) One outdoor metering and relay cabinet.

Allis-Chalmers Mfg. Co. Milwaukee; (1) \$22,760; (2) \$24,570; (3) and (4) no bids; fob. West. Alas. and net; delivery in 60 days.  
Westinghouse Electric & Mfg. Co., Denver; (1) \$26,450; (2) \$29,104; (3) \$326; (4) \$2,156; fob. Boulder City, net; delivery in 60 days.  
General Electric Co., Schenectady, N. Y.; (1) \$27,628; (2) \$21,110; (3) \$326; (4) \$2,278; fob. Boulder City, net; delivery 60 days.  
Graybar Electric Co., Denver, Co.; \$326; fob. Boulder City, net; delivery 60 days.  
Delta Star Electric Co., Chicago; (3) \$316; fob. Boulder City, net; delivery 60 days.

Royal Electric Co., Chicago, \$7,290; fob. Boulder City, discount, 1% delivery 60 days.  
Johnson Electric Co., Atlanta, Ga. (3) \$271.98; fob. Boulder City; net; delivery 60 days.  
Hugh Tension Co., Philadelphia, N. J.; (3) \$519; alt. \$278.50

fob Boulder City; discount, 1%; delivery 60 days.

Railway & Industrial Engr. Co., Greensburg, Pa.; (3) \$326; fob. Boulder City; net; delivery 45 days.

Pacific Elec. Mfg. Corp., S. F.; (3) \$316; fob. San Francisco; net; delivery 60 days.

Electrical Engineers' Equip. Co., Melrose Park, Ill.; (3) \$326; fob. Boulder City; net.

Bowie Swc. Co., San Francisco; (3) \$316; fob. Boulder City; net; delivery, 45 days.

Crosbie Co., Washington, D. C.; (3) \$345; fob. St. Louis; net; delivery 45 days.

Electrical Power Equipment Corp., Philadelphia; (3) \$316; fob. Boulder City; net; delivery 21 days.

**BIDS OPENED**

**SALT RIVER PROJECT**, Ariz.—Bids for finishing emergency bulk-head gate and equipment for installation at the Bartlett Dam, Salt River Project, were opened by the Bureau of Reclamation, Denver, under Spec. No. 868-D.

Bids were taken as follows:  
(1) One emergency bulkhead gate;  
(2) Gate guides, slot covers, etc.;  
(3) Nine trash-rack sections;  
(4) Trash-rack guides, plates, etc.;  
(5) Trash-rack spacers, etc.

The bidders were:  
(A) Berkeley Steel Const. Co., Inc., Berkeley; fob. Berkeley; discount 1½ per cent; combination bid items 1, 2, 3, 4, and 5, \$13,250.

(B) Consolidated Steel Corp., Ltd., Los Angeles; fob. Los Angeles; net.

(C) Associated Piping & Engineering Co., Ltd., Los Angeles; fob. Los Angeles; discount, 2½%; will accept all or none; will furnish Item No. 3 alone.

(D) Arthur J. O'Leary & Son Co., Chicago; discount, ½%.

(E) St. Paul Foundry Co., St. Paul; fob. St. Paul; net.

(F) Lakeside Bridge & Steel Co., Milwaukee; fob. Phoenix, Ariz.; net.

(G) California Steel Products Co., San Francisco; fob. Phoenix; net.

(H) Alhambra Foundry Co., Alhambra; fob. Alhambra; net.

(I) Pacific Iron & Steel Co., Ltd., Los Angeles; fob. Lynnwood; net.

(J) Virginia Bridge Co., Roanoke; fob. Memphis; net; will accept only a combination award of Items Nos. 1, 2, and 4, or Nos. 1, 2, 4, and 5 and Item No. 5 alone.

(K) John W. Beam, Denver; fob. Peotone, Ill.; discount, ½%; combination bid, Items 2, 4, and 5, \$7,775.

(L) Southwest Welding & Mfg. Co., Inc.; Alhambra; fob. Alhambra; discount, ½%.

(M) Darbyshire - Harvie Iron and Machine Co., El Paso; fob. Phoenix; discount, 1%; no freight deduction account to be shipped by truck.

(N) Allison Steel Mfg. Co., Phoenix; fob. Phoenix; net; combination bid, Items 1, 2, 3, 4, 5, \$22,000.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)
A	\$720	\$1420	\$4,950	\$1,190	\$5,550
B	842	768	11,958	1353	4093
C	535	798	9,600	881	3,900
D	665	459	7,510	785	3,025
E	885	676	12,500	1256	4065
F	970	1100	10,940	1700	4100
G	816	832	11,490		
H				4160	
I	569	801	8,300		
J	1021	855	1428	3755	
K	525	600	9,200	1300	3000
L	975	920	11,650	780	5650
M					3532
N	770	604	11,700	2331	1530

**BIDS OPENED**

**VILHAMIEN**, Los Angeles Co., Cal.—Bids for furnishing a booster pump for the city water department were opened by the Alhambra City Council. The bids which were referred to John W. Clay Water Superintendent, were:

Victor Equipment Co.—\$1179.35; delivery 15 days.

Fairbanks-Morse Co.—\$1231.88; delivery 30 days.

Gardner-Denver Co.—\$1241.15; delivery 7 days.

United Iron Works—\$1255.57; delivery 21 days.

Smith Booth Usher Co.—\$1361.66; delivery 35 days.

Pacific Pump Works—\$1408.01; delivery 21 days.

Byron Jackson Co.—\$1522.34; delivery 10 days.

De Laval Steam Turbine Co.—\$1,367.84; delivery 35 days.

## 29—STREETS AND HIGHWAYS

January 28, 1937.

### BIDS OPENED

SAN FRANCISCO.—Plombo Bros. & Co., 1571 Turk St., at \$4957.50, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,969, for the improvement of Bemis St., bet. Castro and Mateo Streets.

The work involves:

- (1) 4,500 cu. yd. grading (excavation);
- (2) 1,620 cu. yd. grading (embankment);
- (3) 7 brick manholes, complete;
- (4) 21 1-ft. 12-in. VCP sewer, in place;
- (5) 823 1-ft. 8-in. VCP sewer, in place;
- (6) 4 brick catchbasins;
- (7) 89 1-ft. 10-in. VCP culvert, in place;
- (8) 36 8x6-in. wye branches, in place.

Total bids follow:

(A) Plombo Bros. & Co.	\$4,957.50
(B) Chas. L. Harney	6,152.20
(C) Eaton & Smith	7,316.00
(D) Richmond Constr. Co.	7,673.00
(E) E. J. Treacy	8,567.00

Unit bids follow:

(A)	(B)	(C)	(D)	(E)
(1)	\$ 0.48	\$ 0.70	\$ 0.75	\$ 0.75
(2)	10	01	50	20
(3)	90.00	100.00	100.00	150.00
(4)	3.00	3.00	3.00	4.00
(5)	1.50	2.00	2.00	3.00
(6)	90.00	100.00	100.00	110.00
(7)	3.00	2.00	2.50	3.00
(8)	3.00	.50	2.00	2.00

### CONTRACT AWARDED

ALAMEDA CO., Calif.—Hayward Bldg. Material Co., Atherton & Jackson Sts., Hayward, at \$1,787.50, was awarded contract by the Public Utilities Commission, City Hall, under S.F.W.D. Spec. No. 134, for paving roadways at Sunol Water Temple in Alameda County.

Complete bids published January 25.

### BIDS OPENED

PHOENIX, Ariz.—Phoenix-Tempe Stone Co., Phoenix, submitted the low bid to the Phoenix city commission January 19, at \$75,114.65, for paving portions of 5th, 9th and Richmond Streets, and Monte Vista Road. The other bids were: Arizona Sand & Rock Co., \$75,252.40 and W. E. Hall Co., \$78,273.41. A PWA grant of \$30,000 will apply to the financing of the project.

### CONTRACT AWARDED

WASHOE COUNTY, Nev.—Nevada Rock & Sand Co., Inc., 412 E Taylor St., Reno, at \$47,564.30 awarded contract by the Reno City Council for the construction of approaches and retaining wall for Sierra St Bridge, and removal of dam in the Truckee River in Reno.

Complete bids published Jan. 18 Charles L. Hill, city engineer.

### CONTRACT AWARDED

WASHOE COUNTY, Nev.—Silver State Construction Co., Fallon, Nevada, at \$21,286.60 awarded the contract by the Reno City Council for the construction of approaches to

the Lake Street Bridge across the Truckee River in Reno.

Complete bids published Jan. 18. Charles L. Hill, city engineer.

### BIDS OPENED

SAN FRANCISCO.—Fay Imp. Co., 760 Market St., at \$3.69 per ton submitted low bid to T. A. Brooks, Purchasing Officer, City Hall, under Bid No. 1726, for furnishing, delivering, hauling, spreading and rolling approximately 2,100 tons of asphaltic concrete binder course and wearing surface on roadway through Golden Gate Park.

Complete bids follow:

Fay Imp. Co., S. F.	\$3.69
Eaton & Smith, S. F.	3.97
Chas. L. Harney, S. F.	4.12
A. G. Raich, S. F.	4.19

including tax.

Pacific States Const. Co., S. F. 4.32

### BIDS OPENED

ALAMEDA COUNTY, Cal.—Hayward Bldg. Material Co., Atherton and Jackson Sts., Hayward, at \$1,787.50 submitted low bid to the Public Utilities Commission, City Hall, San Francisco, under S.F.W.D. Spec. No. 134, for paving roadways at Sunol Water Temple in Alameda Co.

The work involves:

- (1) 7,700 sq. yds. preparing sub-grade
- (2) 8,500 sq. yds. paving with 3/4-in. emulsified asphalt wearing surface.

Complete bids follow:

Hayward Bldg. Material Co., Hayward: (1) \$0.05; (2) \$0.165; total, \$1,787.50.

Jones & King, Hayward: (1) \$0.04; (2) \$0.19; total, \$1,923.

S. O. Tyson, Redwood City: (1) \$0.09; (2) \$0.175; total, \$2,180.50.

Rock & Gravel Trucking Co., Oakland: (1) \$0.045; (2) \$0.22; total, \$2,216.50.

E. J. Treacy, San Francisco: (1) \$0.103; (2) \$0.25; total, \$2,918.10.

Tieslau Bros., Inc., Berkeley: (1) \$0.115; (2) \$0.21; total, \$2,670.50.

### CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—R. E. Hazard & Son, P. O. Box 1438, San Diego, at \$79,968.70 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for grading and surfacing with gravel base and plant mixed surfacing about 3.1 mi. and constructing two timber bridges between Calexico and 3.1 miles easterly in Imperial County.

### BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—C. W. Hartman, Oak St., Bakersfield, submitted low bid to the Bakersfield City Council for the resurfacing of Chester Ave., from 19th St. to the Southern Pacific tracks, and of 19th St., from F to Oak St. The bid was: First alternate, \$13,385.50; second alternate, \$14,872.50. The other bids were:

Griffith Co., Los Angeles—First alternate, \$15,630.25; second alternate, \$17,350.25.

L. A. Brisco, Arroyo Grande—First alternate, \$19,872.

John Jurkovich, Fresno—First alternate, \$28,595; second alternate, \$31,105.

### BIDS OPENED

COCONINO CO., Arizona.—Following bids received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing the following asphaltic road materials, for use on Grand Canyon Route 8, Grand Canyon National Park, Coconino Co.:

(1) 60 tons Type SC-2;  
(2) 98 tons Type RC-4;  
(3) 300 tons Type 90-95;  
(4) 110 tons emulsified asphalt.

American Bitumuls Co.—(4) only, \$13.80 per ton; total, \$1,932; f.o.b. L. A.; net; delivery in 30 days.

General Petroleum Corp. of Calif.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) no bid; f.o.b. Bakersfield; delivery in 30 days.

Gilmore Oil Co.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) \$13.80; total, \$6,547; f.o.b. L. A. and 3 f.o.b. Bakersfield; Item 4 f.o.b. Los Angeles; delivery in 30 days.

The Petrol Corp.—(1) \$5; (2) \$12.50; (3) \$10; (4) no bid; total, \$4,585; f.o.b. Los Angeles; delivery in 30 days.

Wm. C. Duffie, receiver for Richardson Oil Co.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) no bid; f.o.b. Bakersfield; (1) \$5; (2) \$12.50; (3) \$10; (4) \$12.60; f.o.b. Watsonville; delivery in 60 days.

Shell Oil Co.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) \$13.80; total, \$6,547; Items 1, 2 and 3 f.o.b. Bakersfield; Item 4 f.o.b. Los Angeles; delivery in 30 days.

Standard Oil Co. of California—(1) \$5.50; (2) \$12.50; (3) \$10; (4) no bid; total, \$4,615; f.o.b. Bakersfield.

Tidewater Associated Oil Co.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) no bid; f.o.b. Bakersfield; delivery in 30 days.

Union Oil Co.—(1) \$5.50; (2) \$12.50; (3) \$10; (4) \$13.80 total, \$6,547 f.o.b. Malaga; Items 1, 2 and 3 Item 4 f.o.b. Wilmington; delivery in 90 days.

### BIDS OPENED

SALT RIVER PROJ., Ariz.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 865-D, for furnishing two 72-in. diameter welded plate-steel outlet pipes for installation in the Bartlett Dam, Salt River Project:

Consolidated Steel Corp., Los Angeles: \$9,732; fob Los Angeles; net.

Chicago Bridge & Iron Co., Chicago: \$7,350; fob Birmingham; net.

Lacy Mfg. Co., Los Angeles: \$8,700; fob Los Angeles; net.

Berkeley Steel Const. Co., Inc., Berkeley: \$10,092; fob Berkeley; 1/2 % discount.

Koppers Co. (Western Gas Division), Fort Wayne, Ind.: \$11,235; fob destination; net.

Southwest Welding & Mfg. Co., Inc., Alhambra: \$8,362; fob Alhambra; discount 1/2 %.

John W. Beaman, Denver: \$7,725; fob Chicago; discount 1/2 %.

Alco Products, Inc., New York: \$7,300; fob Dunkirk; net.

Emaco Derrick & Equipment Co., Los Angeles: \$9,560; fob Los Angeles; net.

### BIDS WANTED

SEBASTOPOL, Sonoma Co., Cal.—Until February 15, 5 p.m., bids will be received by the Sebastopol City Council, F. G. McFarlane, City Clerk, for the improvement of State Highway Route 104, Section D (Healdsburg Avenue).

The work involves:

- (1) 50 1-ft. 30-in. CMP;
- (2) 51 1-ft. 18-in. CMP;
- (3) 40 1-ft. part-circle culvert;
- (4) 80 1-ft. part-circle culvert;
- (5) 6 cu. yd. Class A concrete;
- (6) 120 cu. ft. steel grilles for catch basins;
- (7) 400 1-ft. 24-in. concrete pipe, plain;
- (8) 40 1-ft. 24-in. concrete pipe, reinforced;
- (9) 70 cu. yd. Class A concrete (curbs and gutters);
- (10) 150 cu. yd. excavation (headwalls, catchbasins, curbs and gutters).

Plans and specifications obtainable from the above office upon deposit of \$5.00.

Plans prepared by City Engineer Walter F. Adams, 1303 College Ave., Santa Rosa.



**BIDS WANTED**

**TORRANCE, Los Angeles Co., Cal.**—Until February 9, 8 p.m., bids will be received by A. H. Bartlett, City Clerk, Torrance, for the improvement of Narbonne Ave. from the southerly line of Sepulveda Blvd. to the southerly line of 240th St., about 1 mile in length. The work involves:

**UNIT "A"**

- (1) Lump sum, grading (necessary grading to place a strip of 6-in. asphaltic concrete pavement 7 ft. wide along westerly side of present paved road, about 3510 sq. yds. finished grading);
- (2) 4500 ft., 2x6-in. R.O.P. headers;
- (3) 31,591 sq. ft. (1185 tons) 6-in. asphaltic concrete pavement;
- (4) 113,249 sq. ft. (850 tons) asphaltic concrete resurfacing 1 1/2 in. thick;
- (5) 60 cu. y. excav. for curb;
- (5b) 4780 lf. 15-in. standard concrete curb.

**UNIT "B"**

- (1a) 440 cu. y. excav. for sidewalk;
- (1b) 14,900 sq. ft. sidewalk;
- (1c) Remove culvert head walls at 237th St. and 240th St. and construct new head wall at 237th St.
- (1d) 55 ln. ft. 16-gauge 24-in. corrugated iron culvert pipe, in place. Cash, certified or cashier's check or bid bond 10% must accompany bid. Specifications are available from the office of the City Engineer upon deposit of \$5. returnable.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Fay Improvement Co., 700 Market St., at \$3.69 per ton awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1726, for furnishing, delivering, hauling, spreading and rolling approximately 2,100 tons of asphaltic concrete binder course and wearing surface on the roadway through Golden Gate Park

**BIDS OPENED**

**SACRAMENTO Co., Calif.**—A. Telchert & Son, Inc., P.O. Box 1113, Sacramento, at \$3.43 per ton, total \$7,546, submitted low bid to the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for furnishing 2,200 tons of asphaltic plant mix, f.o.b. county trucks at Walnut Grove, for use on the Walnut Grove-Locke road.

The work will be done by county forces.

Complete bids follow:  
A. Telchert & Son, Inc., Sacramento—\$3.43 per ton; total, \$7,546.

Blake Bros., San Francisco—\$3.502 per ton; total, \$7,704.40.

Basalt Rock Co., Inc., Napa—\$3.605 per ton; total, \$7,931.

E. A. Fairbairn, County Engineer.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Devincenzi Bros. & Co., 150 Collins St., at \$3.231 awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,008, for the improvement of Mendell St. between Innes and Jerrold Avenues.

**30—RESERVOIRS & DAMS**

**BIDS OPENED**

**BONNEVILLE, Oregon**—Parker-Schram Co., Couch Bldg., Portland, at \$34,432 submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-72 for constructing concrete filler block and a timber and steel cofferdam in temporary navigation recess in Monolith No. 27 at the east end of the ship dock at Bonneville.

The work involves:  
(1) 2,400 cu. y. Class B concrete;

- (2) 17,000 lbs. reinforcing steel;
- (3) 14 MFBM lumber, in place;
- (4) 1,500 lbs. anchor bolts and embedded parts, placing only;
- (5) 2,500 lbs. anchor bolts, furnishing and placing;
- (6) 250 lf. drilling 1 1/2- and 1 3/4-in. anchor bolt holes;
- (7) 120 lf. drilling 3-in. anchor bolt holes;
- (8) 850 lf. copper water stops;
- (9) 48,500 lbs. struc. steel in place;
- (10) 1,200 lf. 4-in. fiber conduit, placing only;
- (11) Lump sum, remove timber miter gates, sills and operating equip.

General-Shea Co., Portland, at \$40,473 submitted the only other bid.

**TO ASK BIDS**

**BAYFIELD, Colo.**—The U. S. Bureau of Reclamation, Denver, will call for bids early this spring for the construction of the Pine River Dam. The proposed structure will be of earth and rock fill, 4000 ft. in length, 130 ft. high and 35 ft. wide at the top, with concrete curb and parapet walls. The dam will have riprap upstream facing 3-in. thick on a 3:1 slope. The downstream slope will vary from 2:1 to 10:1 slope. Outlet tunnel will contain two 88-in. D. steel pipes. The reservoir formed by the project will contain 129,000 acre feet.

**SAN MATEO CO.—Pugas Outfall Improvements—(City)**

**SAN MATEO CO., Cal.**—W. O. Tyson, Box 888, Redwood City, at \$6,742 submitted low bid to the Public Utilities Commission, City Hall, San Francisco, under S.F.W.D. Spec. No. 156, for the construction of improvements at the Pugas Outfall, the westerly terminus of Hetch Hetchy Aqueduct, about five miles west of Redwood City in San Mateo County.

The work consists of excavation and grading; paving roadways and footwalks; construction of a reinforced concrete pool, approximately 40 ft. wide and 120 ft. long; construction of a reinforced concrete pump building, approximately 10 ft. by 10 ft. in plan; construction of a reinforced concrete weir with appurtenant works; installation of an automatic pumping unit and pressure system, and installation of piping for a water system.

The work involves:

- (1) 2,500 cu. y. grading for landscaping, parking area and roads;
- (2) 125 cu. y. excavation and backfill for structures and small pipe trenches;
- (3) 110 cu. y. concrete work;
- (4) 11,000 lbs. furnishing and placing reinforcing bars;
- (5) 60,000 sq. ft. paving parking area and roads;
- (6) 3,000 sq. ft. surf. foot-walks;
- (7) Lump sum, installing wet plate and miscellaneous fittings;

**BIDS REJECTED**

**SEATTLE, Wash.**—The Seattle Board of Public Works has rejected all bids received for clearing the Ruby Basin and a new call for bids will be issued under revised specifications, which will anticipate construction of a dam 625 feet high instead of the 300-ft. dam originally planned. The 625-ft. dam will impound 3,600,000 acre feet of water and provide for a new power plant of 480,000-h.p. capacity at the dam site. J. City Lighting Superintendent J. D. Ross announces that a \$15,000,000 high dam must be built at Ruby Creek to keep abreast of demands for power. Plans for the \$4,600,000 low dam were abandoned January 25.

Morrison-Knudsen Co., Inc., Boise, at \$286.50 per acre, total, \$573,000, submitted the low bid for clearing the site under the original specifications.

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**LOS ANGELES COUNTY, Cal.**—Until February 11, 10 A. M., as previously reported, bids will be received by the Metropolitan Water District, 306 West Third Street, Los Angeles, under Spec. No. 159, for constructing cast-in-place concrete

- (8) Lump sum, furnishing and installing pumping unit and water pressure system;
- (9) 1,000 lf. furnishing and installing 1 1/2-in. standard galvanized wrought steel pipe;
- (10) 350 lf. furnishing and installing 2-in. do;
- (11) 100 lf. furnishing and installing 2 1/2-in. do;
- (12) 50 lf. furnishing and installing 3-inch do;
- (13) 250 lbs. furnishing and installing stand. galv. malleable iron pipe fittings;
- (14) One 3-in. gate valves, furnishing and installing;
- (15) 6 each, furnishing and installing 2-in. gate valves and check valves;
- (16) 12 each, furnishing and installing 1-in. garden hose valves;
- (17) Lump sum, constructing reinforced concrete pump building.

Total bids follow:

- (A) W. O. Tyson, Redwood City, \$6,742.00.
- (B) M. J. Lynch, San Francisco, \$10,744.00.
- (C) A. G. Raich, San Francisco, \$12,351.00.
- (D) Fred J. Early, Jr., San Francisco \$12,991.15.
- (E) E. G. Clifford, San Francisco, \$13,036.10.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ .35	\$ .35	\$ .85	\$ .60	\$ .78
(2)	1.50	1.50	2.00	1.70	1.90
(3)	33.00	30.00	25.00	24.25	23.00
(4)	.04	.06	.06	.06	.08
(5)	.03	.05	.06	.065	.06
(6)	.07	.08	.06	.12	.10
(7)	200.00	150.00	50.00	77.00	200.00
(8)	700.00	750.00	750.00	775.00	1040.00
(9)	.23	.30	.40	.32	.46
(10)	.47	.65	.60	.56	.72
(11)	.35	.75	1.00	.95	.98
(12)	.25	.30	.40	.40	.40
(13)	15.00	10.00	30.00	18.00	25.00
(14)	6.00	5.00	7.00	6.00	10.00
(15)	1.00	2.00	2.00	1.15	1.50
(16)	456.00	900.00	1270.00	1786.00	1500.00

pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct distribution system.

The work is located in Los Angeles County and comprises the construction of approximately 1210 lf. of 9-ft. 8-in. dia. and 554 lf. of 7-ft. diameter pipe line and appurtenant structures, and has been divided into schedules as follows:

Schedule 8C—Across San Gabriel Canyon just below Morris Dam, 578 ft. 9 ft. 8 in. inside diameter.

Sch. 9C—Across Monrovia Canyon in Monrovia, 632 ft. 9 ft. 8 in. inside diameter.

Sch. 12C — Across Eagle Rock Canyon north of Eagle Rock, 554 ft. 7 ft. inside diameter.

The work involves:

#### SCHEDULE 8C

Construction of the San Gabriel Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 2358 plus 46 and 2363 plus 65. Inside diameter 9 ft. 8 in., length of schedule, 521 feet.

- (1) 22,000 c.y. excavation;
- (2) 9000 c.y. backfill;
- (3) 1200 c.y. concrete in structures, reinforced;
- (4) 20 c.y. do, plain;
- (5) 750 c.y. concrete in cast in place pipe;
- (6) 240,000 lbs. placing reinf. steel in structures;
- (7) 290,000 lbs. placing reinf. steel in cast in place pipe;
- (8) 30,000 lbs. installing slide gates and hoists;
- (9) 54,000 lbs. installing miscellaneous metal;
- (10) does not apply here;
- (11) 100 lf. installing concrete drain pipe;
- (12) 260 c.y. tunnel enlargement;
- (13) 15 MFBM furnishing and placing perm. timber in tunnel;
- (14) does not apply here;
- (15) 20 c.y. gunite coating of rock;
- (16) 400 lf. drilling grout holes;
- (17) 40 connections for grouting;
- (18) 30 c.y. mixing and placing grout
- (19) 1400 ton-miles hauling steel;
- (20) 2600 ton-miles hauling cement.

#### SCHEDULE 9C

Construction of the Monrovia Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 284 plus 61 and 2690 plus 62. Inside diameter 9 ft. 8 in., length of schedule 601 ft.

- (1) 17,000 c.y. excavation;
- (2) 13,000 c.y. backfill;
- (3) 900 c.y. concrete in structures, reinforced;
- (4) 20 c.y. do, plain;
- (5) 770 c.y. concrete in cast in place pipe;
- (6) 590,000 lbs. placing reinf. steel in structures;
- (7) 310,000 lbs. placing reinf. steel in cast in place pipe;
- (8) does not apply here;
- (9) 30,000 lbs. installing miscellaneous metal;
- (10) 382 lf. installing welded steel spillway pipe.
- (11) 100 lf. installing concrete drain pipe;
- (12) and (13) do not apply here;
- (14) 2 c.y. gunite coating of rock;
- (15) 100 lf. drilling grout holes;
- (16) 10 connections for grouting;
- (17) 5 c.y. mixing and placing grout
- (18) 600 ton-miles hauling steel;
- (19) 1100 ton-miles hauling cement.

#### SCHEDULE 12C

Construction of the Eagle Rock Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 319 plus 05 and 3324 plus 39. Inside diameter 7 ft., length of schedule, 534 feet.

- (1) 5000 c.y. excavation
- (2) 7000 c.y. backfill;
- (3) 500 c.y. concrete in structures,

reinforced;

- (4) 20 c.y. do, plain;
- (5) 330 c.y. concrete in cast in place pipe;
- (6) 75,000 lbs. placing reinf. steel in structures;
- (7) 85,000 lbs. placing reinf. steel in cast in place pipe;
- (8) 55,000 lbs. installing slide gates and hoists;
- (9) 22,000 lbs. installing miscellaneous metal;
- (10) does not apply here;
- (11) 100 lf. installing concrete drain pipe;
- (12) (13) and (14) do not apply here;
- (15) 5 c.y. gunite coating of rock;
- (16) 100 lf. drilling grout holes;
- (17) 10 connectors for grouting;
- (18) 5 c.y. mixing and placing grout
- (19) 400 ton-miles hauling steel;
- (20) 750 ton-miles hauling cement.

Plans and specifications obtainable from the office of F. E. Weymouth, general manager and chief engineer, Room 1007, 306 West Third St., Los Angeles, at a charge of \$5 per set, not returnable. 31

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### ENGINEER RETAINED

SANTA ANA, Orange Co., Calif.—Clyde C. Kennedy, 548 Call Bldg., San Francisco, has been retained by the City of Santa Ana as a consultant, at \$75 per day and expenses, to study the proposed replacement plans for the joint outfall sewer in which about 20,000 ft. of pipe must be renewed. Controversy as to the type of material to be used was principally responsible for the employment of the outside engineer, who will act solely for Santa Ana. Emergency work on a cost plus 15% basis is being done on the line by Merritt-Chapman & Scott Corp., under the direction of J. L. McBride, City Engineer.

### 33—WATER WORKS

#### CONTRACT AWARDED

SAN MATEO CO., Calif.—W. O. Tyson, Box 885, Redwood City, at \$6,742, awarded contract by the Public Utilities Commission, City Hall, under S. P. W. D. Spec. No. 136, for the construction of improvements at the Pulguez Outfall, the westerly terminus of Hetch Hetchy Aqueduct, about five miles west of Redwood City, in San Mateo County.

#### BIDS WANTED

LA MESA, San Diego Co., Calif.—Until February 25, 10 A. M., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, 4769 Spring St., La Mesa, for the reconstruction of the El Monte Pumping plant, two miles east of Lakeside. Specifications are available from the Board of Directors of the District. Certified check or bid bond 10% must accompany the bid.

#### BIDS WANTED

SAN BERNARDINO.—Until February 2, 4 p.m., bids will be received by the San Bernardino Board of Water Commissioners, 498 D St., San Bernardino, for the sale, wrecking, and removal of the steam pumping equipment at the Antil Pumping Plant on East 6th St. San Bernardino. The equipment involved shall include all boilers, stacks, oil pumps, and the steam water pumps. Successful bidder shall maintain necessary compensation and liability insurance. Certified check or bond for 10% must accompany each proposal. J. H. Osborn, City Clerk; Bard Livingston, Water Superintendent.

#### BIDS WANTED

WHITE SALMON, Wash.—Until February 8, 1:30 p.m., bids will be received by the White Salmon Town Council, C. H. Estes, Town Clerk, for the construction of a water supply line and appurtenances.

The work will involve the furnishing and laying of approximately 41,000 ft. of 12-in. and 10-in. treated wood or steel pipe.

Plans and specifications obtainable from the above office upon deposit of \$10.

Plans prepared by Beasley & Stoehr, engineers, 431 Railway Exchange Bldg., Portland.

#### TO ASK BIDS SHORTLY

SACRAMENTO CO., Calif.—A call for bids will probably be issued this week by Major Arthur W. Parker, Contracting Quartermaster, Old E. O. Terminal Building, Sacramento, for the construction of a water supply system estimated to cost \$90,000, and a sewer system to cost approximately \$75,000, at the Army Air Corps Supply Depot, near North Sacramento.

#### BIDS WANTED

LOS ANGELES CO., Calif.—Until February 8, 2 P. M., bids will be received by the State Division of Highways, S. V. Corteyou, District Engineer, 805 State Bldg., Los Angeles, for drilling a water supply well at the Saugus Maintenance Station site.

The work involves:

- (1) Lump sum, drilling well to depth of 200 ft.;
- (2) Lump sum, developing and testing well;
- (3) Unit price per lf. to be added to or deducted from the sum total of Items 1 and 2 for all increase or decrease of 200 foot depth.

Plans and specifications obtainable from the above office.

### 34—PARKS AND PLAY-GROUNDS

#### NO BIDS RECEIVED

REDDING, Shasta Co., Calif.—No bids were received Jan. 19, by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Redding. 34

### 35—TUNNELS

#### BIDS OPENED

ALAMEDA-CONTRA COSTA COS., Calif.—Fred K. DuPuy, 110 Sutter St., San Francisco, at \$434,666, submitted low bid to the Board of Directors of Joint Highway District No. 13, under Schedule "C," for the completion of air ducts, paving, etc., of the Broadway Low Level Tunnel, and including all work not included in Schedule "A."

Bids were taken as follows:

- (1) For completion of tunnel construction remaining to be completed after concrete arch ring tunnel lining is constructed and grouting is completed, including portions of electrical equipment;
  - (2) 459,000 lbs. reinforcing steel.
- Complete bids follow:  
Fred K. DuPuy, San Francisco—(1) \$402,536; (2) \$0.07 per lb.; total, \$434,666.

J. F. Knapp, Oakland—(1) \$444,144; (2) \$0.065; total, \$474,279.

Fred J. Early, Jr., San Francisco—(1) \$453,500; (2) \$0.075; total, \$486,848.

Bids forwarded to the State Engineer of the PWA.  
Wallace B. Boggs, Chief Engineer.

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**SACRAMENTO**—Until February 2, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-167, for furnishing 18,853 ft.b.m. Douglas fir lumber. Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Feb. 4, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-256, for furnishing 900 lbs. oxalic acid, 3700 lbs. anhydrous ammonia, 14,000 lbs. granulated calcium chloride, etc. Specifications obtainable from the above office.

**SAN FRANCISCO**—Until February 1, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-147, for furnishing 10,200 ft.b.m. Douglas fir lumber. Delivery f.o.b. U. S. Engineers, Pier 3½, San Francisco Waterfront. Specifications obtainable from the above office.

**SAN FRANCISCO**—Until February 1, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-146, for repairing 55 boxes of miscellaneous spare electrical equipment for the U. S. Diesel Electric sewage hopper dredge, "Dan C. Kingman."

The equipment is located in the U. S. Engineer Storehouse, Presidio Reservation. Specifications obtainable from the above office.

**FORT PECK, Mont.**—Until Feb. 5, 11 a. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. T. B. Larkin, District Engineer, Fort Peck, for furnishing six 85-h.p. diesel crawler-type tractors, complete with mechanical angle dozers to be used in shaping sandy slopes on unusually steep grades, spreading loose gravel on upstream face, spreading heavy field stones which weigh as much as 2000 lbs. each on top of gravel blanket, and tracking long distances between different jobs. Specifications obtainable from the above office.

**SAN FRANCISCO**—Until Feb. 5, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-148, for furnishing expanded metal as follows:

- (1) 20,042 sq. ft. (370 pcs. 5-ft. 5-in. x 10-ft.)
- (2) 1,083 sq. ft. (20 pcs. do.)

Delivery job Fort Funston. Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Feb. 2, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. W-6616-37-58, for furnishing 32 c.y. ready-mixed concrete for delivery during February and March. Delivery job Letterman General

Hospital, Presidio of San Francisco. Specifications obtainable from the above office.

**SAN FRANCISCO**—Until Feb. 5, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-150, for furnishing 550 ft. high-grade pool steel wire rope, uncoated, fibre core.

Delivery job Pier 20, San Francisco Waterfront. Specifications obtainable from the above office.

## SOLANO COUNTY

**VALLEJO, Solano Co.**—Until February 2, 10 a. m., bids will be received by the Vallejo City Council, Alf. E. Edgembe, City Clerk, for the sale of pipe removed from Gordon Valley water supply pipe line, consisting of the following:

- (1) 2,419 ft. random lengths, 24-in. continuous welded steel pipe 3/16 in. thick;
- (2) 2,564 ft. random lengths, 22-in. continuous welded steel pipe, ¼ in. thick;
- (3) 73 ft. 22-in. pipe, 22-in. do., 3/16 in. thick;
- (4) Miscellaneous lot of pipe, totaling 96 ft.

Specifications obtainable from the office of City Engineer T. D. Killenny.

## CALIFORNIA STATE

**FRESNO, Fresno Co., Calif.**—Until January 28, 3 p. m., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 West Olive Ave., Fresno, for the sale of the following equipment:

CHC 3957—Truck, Coleman, 3½-ton, 4-wheel drive, Model D40NX chassis, and lot of miscellaneous new and used parts for same to value of \$324.36.

CHC 4814—Automobile, Ford Tudor sedan, Model B, 1933.  
CHC 28—Snow Plow, Baker No. 3, 10-ft. reversible (Bulldozer type) for use with 2-3-ton truck.

CHC 52—Mower, McCormick-Deering, 5-ft. Sickle bar, horse-drawn type.

CHC 85—Mower Attachment; Case BC, 5-ft. for small tractor.

CHC 86—Mower Attachment; Case BCL, 5-ft. for small tractor.

CHC 88—Mower, McCormick-Deering, 5-ft. sickle bar, horse-drawn type.

CHC 90—Mower, McCormick-Deering, 5-ft. bar, horse-drawn type.

One Only Steam Cleaning Plant, consisting of 5-hp upright boiler. One lot new and used parts Models 188 and RR6 Mereland trucks, to value of \$50.75.

All of the equipment listed may be inspected at the Division of Highways' Yards, 645 West Olive Ave., Fresno, from 8:30 a. m. to 4:30 p. m. on any working day.

**SAN FRANCISCO**—Until January 28, 3 p. m., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 1, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC 5335 Automobile, Ford Tudor Sedan—Model A 1931.

CHC 253 Trailer; 8-ton La Crosse, dual-pneumatic tired 4-wheel Tu-Way, flat rack.

CHC 59 Mower; McCormick-Deering, horse-drawn type, with 6-ft. sickle bar.

One only Le Roi Model KP3, 12-hp. engine, serial No. 87,377, 2½-inch bore, complete with radiator, clutch and take-off shaft.

The above equipment may be inspected at the Division of Highways' yard at 1045 Derby Avenue, Fruitvale, Oakland, California, on any working day between the hours of 8:30 a. m. and 4:30 p. m.

## SAN FRANCISCO CITY

**SAN FRANCISCO**—Until February 5, 3 p. m., bids will be received by T. A. Brooker, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1729, for metal lath and channel steel for Zoological Gardens (WPA).

Specifications and proposal blanks obtainable at the above office. 20

## EAST BAY UTILITY DIST.

**OAKLAND, Alameda Co., Calif.**—Until February 3, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 840, for furnishing one printing and addressing machine.

Specifications obtainable from the above office.

**OAKLAND, Alameda Co., Calif.**—Until February 3, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 839, for furnishing 10,000 lbs. ¼-in. V fleet-weld electric welding electrodes.

Specifications obtainable from the above office.

## OREGON STATE

**KLAMATH AGENCY, Ore.**—Until February 8, 10 a. m., bids will be received by C. E. Brashear, Supervising Construction Engineer, 210 Fruit Bldg., Eling, Mont., for furnishing a horizontal, centrifugal water supply pumping unit.

Delivery job Chiloquin, Ore. and/or bidder's shipping point.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

**BOULDER CANYON PROJECT, Nevada**—Until February 15, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 877-D, for furnishing and delivering f.o.b. cars at the shipping point and for Boulder City, metalwork, including a steel frame building, steel chutes and chute supports, steel hoppers, and steel bin gates, for the concrete-mixing plant at the Boulder Dam, Boulder Canyon Project. All equipment will be erected by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00 not returnable.

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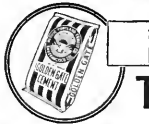
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# PACIFIC CONSTRUCTOR

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## Bridge Railway Substructure in Eastbay Advertised; State Opening Bids Feb. 24

Speedy contracting of railway construction across the San Francisco-Oakland Bay Bridge was predicted yesterday as the Bay span division of the State Department of Public Works called for bids for constructing the Eastbay yard substructure of the bridge rail facilities. Proposals will be opened at the bridge office in San Francisco February 24.

The project as advertised includes the substructure for the Port of Oakland overhead crossing, and the bidding schedule of 30 items is divided into two sections. Included in the bid form is the stipulation that the right to eliminate the port overhead entirely is reserved by the engineer.

Should the engineer determine thus to eliminate the overhead, the contractor will be allowed no claim for its elimination and will be granted no compensation under the last 14 items in the bidding schedule.

The first section includes a total of 257,000 feet of piles of various lengths. Eighty thousand feet of the piles are to be created, while the balance will be ntered.

### Plans Available

Substructure for the Port of Oakland overhead will require 87,000 feet of untreated timber piles of various lengths, in addition to other items.

Plans and specifications for the work are obtainable at the bridge office, 500 Sansome street, San Francisco, upon deposit of \$50, of which \$40 will be returnable.

Actual operation of the bridge rail facilities by the Key System and Southern Pacific companies is being scheduled for late next year. One of the largest single contracts will be the elaborate San Francisco terminal for the bridge rails.

### S. CHAMBER PLANS 25TH ANNUAL MEET

The twenty-fifth annual meeting of the U. S. Chamber of Commerce will be held April 26 to 29 in Washington, D. C., it is announced by Secretary D. A. Skinner. Opening session will be held Tuesday morning, April 27, Skinner said. The National Council will hold its meeting the preceding day. The meeting will celebrate the twenty-fifth anniversary of the founding of the chamber in 1912.

## S. F. BUILDING VOLUME STEADY, PERMITS SHOW

**\$1,225,000 January Total;  
Public Work to Sweel the  
Figure Next Month**

With residential construction continuing at a high level, building in San Francisco as indicated by permit figures compiled by the Central Permit Bureau amounted to \$1,225,375 last month, an increase of approximately \$196,000 over the same month last year.

The month was marked by an absence of government or harbor construction, Deputy Clerk Edward C. Johnson pointed out.

The January 1936 total was swelled by two large permits, one for a \$120,000 school building and another for a Class A structure costing \$156,464. Last month only one permit for public work was issued, for a \$52,854 project.

Gains in January over the corresponding 1936 month was outstanding in residential building, with the total for frame structures topping that for January 1935 by more than \$123,000; and in Class C buildings, three of which added \$200,000 to the permit total last month. In January last year two Class B permits were issued, for work to cost \$43,000.

### Ferry Terminal

In prospect for next month are the ferry terminal at Exposition Island, reconstruction of a pier on the Embarcadero recently destroyed by fire, the new Santa Fe bus terminal which is to be started shortly by P. J. Walker Co., and several other large projects.

Following is the classified comparison of January permits for 1937 and 1936:

Class.	Jan., 1937		Jan., 1936	
	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
A	3	\$	1	\$156,464
B	3	290,000	2	43,000
C	11	97,690	6	26,500
Frames	115	563,326	102	439,920
Alter	372	221,795	342	243,536
Public	1	52,854	1	120,000
<b>Totals</b>	<b>505</b>	<b>\$1,225,375</b>	<b>454</b>	<b>\$1,029,420</b>

### \$1,182,000 BID FOR DRY DOCK

WASHINGTON, D. C., Feb. 3.—Low bid for construction of a steel floating dry dock for Pearl Harbor, T. H., was submitted to the Navy Bureau of Yards and Docks today by Dravo Corp., Pittsburgh, Pa., whose proposal for the work was \$1,182,000. Newport News Shipbuilding Co. was second low bidder with a figure of \$1,326,500.

The drydock will have a length of 446 and a beam of 68 feet, and is to accommodate destroyers and submarines at the Pearl Harbor naval base. It will be known as the ARD 2.

## Broadway Tunnel South Bore Open; Early Finish Seen

The south bore of the Broadway low-level tunnel has been held through, officials of the highway district have announced. Chief Engineer W. B. Boggs is reported to have predicted the project, now about 89 per cent completed, will be finished in June.

Present when the final barrier was blasted Saturday afternoon were officials of the highway district and executives of Geo. Pollock & Co. and R. G. Clifford, contractors for the tunnel excavation completion.

Contracts for completion of air ducts and paving and of ventilation buildings were let earlier this week.

## DAVIS SWIMMING POOL, GYM BIDS OPENING FEB. 24

Regents Advertise Contracts  
For \$287,000 Job  
At Davis

Bids for a \$287,000 gymnasium and swimming pool at the Davis College of Agriculture have been invited by the University of California regents. They will be opened February 24 at the Controller's office on the university campus at Berkeley.

Four contracts were advertised: for general construction, heating and ventilating, plumbing, and electrical work.

The structure will be a Class A reinforced concrete and steel gymnasium and an enclosed swimming pool. Plans are by Architect William Hays of San Francisco, with T. J. Janes, University of California, as mechanical engineer, and W. L. Huber, San Francisco, as structural engineer.

Contractors desiring to figure the project may secure plans and specifications from the controller's office at either the Berkeley or Davis campus upon deposit of \$100.

## Diesel Engineering Course at Berkeley

A thoroughly revised course in Diesel Engineering is to be offered by the Extension Division of the University of California at Berkeley shortly, according to a recent announcement.

The course presents a general discussion of the elements of the diesel engine with special emphasis on new developments such as the rapid change from low to high speed type engines. Points covered in the course include: principles and theory of the Diesel engine; types of engines; two and four stroke cycle engines; supercharging, pre-combustion and auxiliary air chamber engines, and Hesselman engines.

Other items to be discussed during the course are: turbulence, fuels, various principles involved in fuel pumps and fuel injectors, timing, governors, opposed piston engines, and Diesel-electric railcars.

Further information may be obtained from the University of California Extension Division, 301 California Hall, Berkeley.

## RIVER COMMISSION NAMES ENGINEER

Jay Carpenter, professor of mining at the University of Nevada, has been appointed industrial engineer for the Colorado river commission. It is announced by Secretary A. M. Smith. He is to start in his new position immediately, and has been granted an indefinite leave of absence from the commission.

## PRICES STEADY, BUREAU REPORTS

Building material prices, as indicated by the U. S. Bureau of Labor Statistics' weekly wholesale price index, remained steady during the week ended January 23, with no change from the preceding week. The index stood at 91.2 per cent of the 1926 average.

Rising prices of lumber and hydrated lime did not affect the index for the group as a whole, the bureau reported. Wholesale prices of rosin were lower, while no changes were reported in the prices of tile, cement and structural steel.

## ASK PROPOSALS FOR REPAIRING DAMAGED WHARF

Wrecking, Cleaning Bids Feb.  
11; Preparing Plans for  
Reconstruction

Reconstruction of Pier 46 on the San Francisco Embarcadero, where fire recently caused damage estimated at \$150,000, is expected to be underway shortly. Bids for wrecking and removing, cleaning and sandblasting portions of the damaged shed and bulkhead building were called this week by the Board of State Harbor Commissioners, and plans for reconstruction of the buildings are being prepared.

Proposals for the wrecking and cleaning work will be opened by the board February 11, it was announced yesterday.

Two contracts are advertised. Contract "A" calls for wrecking and removing parts of the shed and bulkhead building. Contract "B" involves cleaning and sandblasting the interior and framework of parts of the shed and bulkhead buildings. Plans and specifications for work covered by the two contracts are available at Room 18, Ferry building, upon deposit of \$10.00.

Harbor commission engineers estimate that about 75 per cent of the bulkhead building and about 50 per cent of the shed were destroyed by the flames.

## DAM INJUNCTION SUIT DISMISSED

Suit for the Verde River Irrigation and Power District to enjoin the prosecution of work on Bartlett Dam, for which Barrett & Hilp and Macco Construction Co. hold the contract, was dismissed in Phoenix last week. The suit was dismissed by Federal Judge Dave W. Ling, upon motion of the Salt River Valley Water Users Association, defendant. Contract for the dam was let last July at a bid price of \$2,228,272.

## WILL ASK BIDS THIS MONTH ON L. A. TERMINAL

Working Drawings Are Near  
Completion; \$2,500,000  
Structure Planned

General contract bids for the \$2,500,000 Los Angeles union passenger terminal probably will be called within the next 30 days, it was revealed yesterday, following announcement by Construction Superintendent A. J. Barclay that working drawings for the structure are nearing completion.

The building is to be erected on Alameda street between Aliso and Macy streets, Los Angeles, for the Santa Fe, Union Pacific, and Southern Pacific railroads. John and Donald B. Parkinson of Los Angeles are consulting architects.

The terminal will consist of a group of buildings with a total frontage of 860 feet on Alameda street and a depth of 290 feet. The main floor area will total about 120,000 square feet.

The group will include:

### Administration Unit

An office and administration unit, two stories and basement, with reinforced concrete walls and floors, steel trusses, wood and tile roof and steel sash.

A main concourse and entrance lobby, one-story with basement garage, structural steel frame and trusses, hollow concrete walls, wood and tile roof and special ornamental work of various types.

Dining room and kitchen, one-story with basement garage, to conform to the main concourse.

Main waiting room, to be located at the rear of the entrance lobby, conforming in construction with the main concourse.

### Concrete Tower

A reinforced concrete tower, 30 feet square and 130 feet high.

Train concourse, baggage and express buildings will be located at the rear of the other buildings. They will be two and three stories in height, with reinforced concrete walls and floors, steel trusses, wood and composition roofs, and steel sash.

A large area is to be devoted to arcades with concrete walls and wood and tile roofs.

Equipment and interior finish will include one elevator, ventilating and heating equipment, tile floors, decorative tile, steel doors and fire doors.

### Excavation Completed

Excavation for the main buildings has been completed, as have foundations and parts of the superstructure for the train concourse and express and baggage buildings.

The Railway Express Agency, 85 Second street, San Francisco, has prepared plans for the interior of the express building, and bids for this work will be called later.



## ICKES WILL BE CHIEF SPEAKER AT CONVENTION

**A. G. C. Announces Program  
for San Antonio Sessions  
Feb. 15-18**

Hon. Harold L. Ickes, Secretary of the Interior and Administrator of the Federal Emergency Administration of Public Works, will be the principal speaker at the 18th annual convention of the Associated General Contractors of America, which will be held in San Antonio, Texas, February 15-18, E. J. Harding, managing director of the association has announced.

Under Mr. Ickes' guidance, the gigantic PWA construction program has built, over a period of four years, more than 25,000 projects, costing in excess of four billion dollars. Also under Mr. Ickes is the Bureau of Reclamation which this year is carrying out a thirty-nine-million-dollar construction program.

Administrator Ickes will speak at the convention banquet which will be held the evening of Wednesday, February 17.

Two other important members of the federal government, who have in their charge the conduct of vast construction programs, will address the general sessions of the convention. They are Thomas H. MacDonald, chief of the Bureau of Public Roads, under whose guidance the \$375,000,000 highway program for the coming year is now getting under way, and General Edward M. Markham, chief of the Corps of Engineers, which is supervising the great rivers and harbors and flood control programs which are authorized by the last Congress. Both speakers will discuss the programs being carried out under their charge and will present to the assembled general contractors the plans for future highway and flood control construction.

### Highway Division

Mr. MacDonald will confer informally with members of the Highway Division of the association on the many problems which are peculiar to this branch of the general contracting industry, and will discuss with them such matters as diversion of gas taxes to their purposes than building and maintenance of highways, labor problems encountered by highway contractors, and the like.

Members of the Heavy Construction and Railroad Contractors' Division, who construct the rivers and harbors projects and flood control works under the direction of the Corps of Engineers, will discuss their problems with general Markham.

The session of the annual convention will occupy four days, during which the important phases of the work of general contractors will be considered.

## Long-Range Construction Program Asked By President; Report Given To Congress

With California's Central Valley Project high in the "A" list—for immediate construction, President Roosevelt yesterday asked Congress for development of a long-range policy for public works construction as a national defense against depression, according to press dispatches.

Principal part of the plan, the President revealed, will be a group of water conservation projects to cost approximately \$2,750,000,000. His message placed before Congress the long-awaited report of the National Resources committee.

The plan, said the report, would provide a group of selected projects to be utilized in time of economic depression.

Following are excerpts from the President's message:

### Develop Resources

"Through the formulation and an annual revision of a program of all types of construction, revision and adoption of the program by Congress and appropriations under regular budgetary procedure timed in part in relation to economic needs, we can provide for the orderly development of our resources and the provision of needed facilities for our people.

"In a previous message, I have suggested a permanent planning agency under the chief executive in order that, among other things, all public works proposals may filter from the many individual departments and bureaus to a central planning place and thence to the President.

"During the depression we have substantially increased the facilities and developed the resources of our own country for the common welfare through public works and work-relief programs.

"We have been compelled to undertake actual work somewhat hurriedly in the emergency.

"Now it is time to develop a long-range plan and policy for construction—to provide the best use of our resources and to prepare in advance against any other emergency."

## WATER SYSTEM SALES CAMPAIGN LAUNCHED

A five-year promotional program for the sale of electric water systems has been launched by the Electric Water Systems Council following a recent meeting at the Hotel Sherman, Chicago. A goal of 250,000 electric water systems to be sold in 1937 was set. Sales in 1936 totaled 149,000 units as compared with 77,000 in 1934 and 50,000 in 1932.

With improving business conditions, increasing farm income and rapid extension of power lines throughout the United States, enterprising dealers in 1937 will have an unprecedented opportunity to sell and install electric water systems as well as auxiliary equipment, including complete farm bathroom and kitchen units. Harley C. Angster, secretary and chairman of the Electric Water Systems Council, declared.

## SAN JOAQUIN PLANS 6-YEAR PROJECT LIST

**\$1,000,000 Program To Include  
Hospital Unit, Levee  
Highway Work**

A six-year county construction program to cost more than \$1,000,000 has been approved by the San Joaquin county planning commission, and federal aid will be sought for its financing, it was announced this week.

Projects which the commission approved include:

A new wing at the county hospital, to duplicate one constructed several years ago and planned to relieve "overcrowded" conditions and provide for expansion.

A levee along the east side of the Stockton diverting canal, to protect neighboring lands against floods, and to cost in the neighborhood of \$400,000.

### Thornton Highway

A road along the west side of the Western Pacific tracks from Stockton to Thornton, eliminating several grade crossings and shortening the distance between the communities. Cost, \$200,000 to \$400,000.

A road across Staten Island from Terminous to the state highway, \$50,000.

Additional levee repair work on the Mormon Slough levees \$13,000.

A bridge over Mokelumne river on the Peltier road, saving many miles of roundabout travel, \$30,000.

Paving three miles of the Durham Ferry road, bringing the highway to completion, \$30,000.

Levee and stream-cleaning work in the Mokelumne river from Woodbridge to New Hope, \$35,000.

County Engineer Julius Mantel said the cost estimates were indefinite. The program will be submitted to the National Resources Committee through the State Planning Board, he said.

### INSPECTOR NAMED

Planning Engineer Clayton Stanton has been named by the Santa Cruz city council as chief inspector for the city on the new city hall building. George Miller is resident engineer and inspector for PWA.

## SPAN READY BY OPENING DATE, ENGINEER SAYS

### Schedule Allows Ample Leeway for Bad Weather Delay, Strauss Reports

Despite storm conditions which have slowed up progress on virtually all units of the Golden Gate Bridge during the past week, work is going forward at a fair pace and, according to Chief Engineer Joseph E. Strauss, there will be no change in the completion date of the entire project.

This was brought out in the engineer's weekly progress report, filed today for the board of directors of the Golden Gate Bridge and Highway District by C. E. Paine, principal assistant engineer.

The engineer's report pointed out that allowance has been made for loss of time due to storms, which may be expected at this season, and stated that May 1 will stand as the date of completion.

Should unexpected storm conditions prevail during the next two months, ample leeway is allowed as the result of the action taken by the district directors last Wednesday when they set May 21 as the official opening date for the span.

### Paving Progresses

Pouring of the concrete paving slab, commenced January 19, was progressing this week with a total of 1800 feet completed. This represents 900 feet in 20-foot panels on the east and west sides of the roadway of the main span.

Concrete is being poured at four different points in order to assure an even distribution of stresses and intervening spaces will be filled as the job progresses.

Painting on the main span, the high viaduct and the arch over Fort Winfield Scott was stopped because of the heavy rains, but riveting on the arch and main span and cable wrapping are progressing with virtually no interruption.

On the toll area site, overlooking Fort Scott, framing and concreting the roof slab of the main administrative building has been completed and the structural steel and concrete work on the power house is virtually complete.

### Connecting Highway

Work on the connecting highway section between the high and low viaducts of the east approach road through the Presidio has been slowed down by the wet weather, but was expected to be resumed this week. On the anchorage housings on either side of the Golden Gate concreting still is under way and definite progress is being made on the wing-wall of the north abutment, with the concrete sub base now entirely complete.

## '36 Business Totaled \$810,000,000, FHA Reports; Further Gains Predicted

Great business transacted by the Federal Housing Administration up to January 1, 1937, totalled \$1,350,157,149. This included mortgages selected for appraisal, commitments to insure large scale housing projects and modernization and repair notes insured.

Approximately \$810,000,000 of this was transacted during the year 1936.

These figures are contained in the annual report submitted to Congress by Stewart McDonald, Federal Housing Administrator.

On January 1, 1937 home mortgages accepted for insurance reached a total of 151,758 with a value of \$609,044,017. Of this total \$438,449,153 were accepted for insurance during 1936, representing a gain of 157 per cent over 1935.

### Large Scale Housing

Mortgages on large scale housing projects approved up to January 1 amounted to \$41,141,000.

Modernization and repair notes numbering 1,326,102 amounting to \$500,220,642 were insured up to January 1. Of this amount \$246,454,886.24. This does not include insurance claims paid to lending institutions on defaulted modernization and repair notes, which are paid from a separate insurance fund established by the National Housing Act. Up to January 1 these insurance claims, less collections and repossessed property, amounted to \$5,375,504.

The total operating cost of the Housing Administration to the national Government from its beginning up to January 1 was \$23,454,886.24. This does not include insurance claims paid to lending institutions on defaulted modernization and repair notes, which are paid from a separate insurance fund established by the National Housing Act. Up to January 1 these insurance claims, less collections and repossessed property, amounted to \$5,375,504.

Originally a fund of \$200,000,000 was made available by the Congress for losses on modernization and repair loans insured under Title I of the National Housing Act. At the suggestion of the Federal Housing Administrator this amount was reduced at the last session of Congress to \$100,000,000 and the amount of the insurance was reduced from 20 per cent to 10 per cent of loans made. It is thought that after all claims for insurance under Title I have been liquidated, at least \$75,000,000 of the amount available for such losses will not be needed.

### Emergency Section

A large part of the expenditure for operating costs has been used to carry out the modernization and repair program under Title I, the emergency part of the Act which expires on April 1, from which this Administration receives no revenue, and in laying the foundation for the successful operation of the insured mortgage system.

Revenue is now coming into the Federal Housing Administration through mortgage insurance premiums and valuation fees at the rate of around \$500,000 a month.

## LET EQUIPMENT CONTRACTS FOR BOULDER PLANT

### Westinghouse, Allis-Chalmers Awarded Powerhouse Installations

Secretary of the Interior, Harold L. Ickes, has announced award of three contracts for manufacture, delivery and installation of equipment for the Boulder Dam powerhouse on bids totalling \$232,159.31.

The Westinghouse Electric Manufacturing Company of Denver, was awarded the contract for manufacture and installation of a 3,000 ampere 23,000-volt bus structure at a net delivered cost of \$107,581.92 and for manufacture of two 600-ampere 15,000-volt oil circuit breakers at a net delivered cost of \$10,134.44.

The Allis-Chalmers Manufacturing Company of Milwaukee, Wis., was awarded the contract for two 23,000-volt 4,000-ampere vertical lift type, oil circuit breakers at a net delivered cost of \$114,422.95.

Bids were opened on this equipment by the Bureau of Reclamation at its Denver, Colo., office November 30, 1936. Five proposals were received. The successful bids were the lowest received in each case.

### Generating Units

This equipment will be used in connection with the generating units No. 5 and 6, in the Nevada wing of the powerhouse. These two 115,000-h.p. generating unit will serve the Metropolitan Water District of southern California.

Generating units Nos. 1, 2, 3 and 4 in the powerhouse, each also an 115,000-h.p. capacity, already are virtually complete. Numbers 1, 2 and 4 have been placed in steady operation on the line of the Bureau of Power and Light of the City of Los Angeles. No. 3 will be ready for continuing service shortly.

During the month of December the three operating units generated a total of 67,357,000 kilowatt hours with No. 1 going on the line only on the twenty-eighth day of December. The first of these gigantic generators went into steady operation in October.

The contracts call for delivery of the equipment to be furnished by the Westinghouse Electric Mfg. Co. of Denver on its two contracts in 200 days and of that to be furnished by the Allis-Chalmers Mfg. Co. of Milwaukee, in 250 days.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

Nc.	Owner	Contractor	Amt.
182	Hanson	Owner	1000
183	Hanson	Owner	1000
184	Hanson	Owner	1000
185	Stelling	Jensen	5000
186	Coldwell	Coburn	1000
187	Doelger	Owner	4000
188	Hutton	Lindgren	1950
189	Graham	Owner	3000
190	Spruce	Janjigan	2400
191	Happy	McKeon	4000
192	Happy	McKeon	4000
193	Liebman	Owner	7500
194	English	Malloch	1000
195	Baker	Braas	1350
196	Ratto	Newton	1700
197	Nielsen	Seymour	1973
198	Petersen	Owner	3000
199	Napris	Newton	1900
200	Dickinson	Seymour	2982
201	Smith	Owner	2500
202	Nelson	Owner	4000
203	Stoneson	Owner	4500
204	Stoneson	Owner	4500
205	Stoneson	Owner	5000
206	Stoneson	Owner	5000
207	Huenergardt	Villa	3500
208	Huenergardt	Villa	3500
209	Villa	Owner	3500
210	Villa	Owner	3500
211	Standard	Owner	3500
212	Standard	Owner	3500
213	Brown	Reilly	1500
214	Lamont	Kelly	1000
215	Canon	Deluechi	6500
216	Russ	Miller	2650
217	Russ	Muller	2188
218	Campbell	Owner	4000
219	Campbell	Owner	5000
220	Tilton's	Patterson	1490
221	Rousseau	Rousseau	8000
222	Barber	Owner	4000
223	Campbell	Owner	4000
224	Radio	Owner	2000
225	Anza	Rousseau	7000
226	Pengelly	McFarland	2000
227	Driscoll	Owner	6000
228	Raker	Empire	2000
229	McCarthy	Owner	3750
230	French	Owner	15000
231	Coffman	Owner	1200
232	Compton	O'Neill	1000
233	Hall	Francisco	4000
234	Hall	Francisco	4000
235	Petersen	Jensen	3800
236	Pisani	Moore	10000
237	Streett	McCabe	1000
238	Rovella	Rome	1000
239	Berwick	Owner	4000
240	Golden	Schell	7500
241	Hall	Francisco	4000
242	Lowe	Vukitchewich	2500
243	Campbell	Owner	5000
244	Campbell	Owner	3700
245	Hallgren	Owner	4400
246	General	Cahill	5000
247	Johnson	Owner	40000
248	Mazerson	Hamill	2000
249	Goodyear	Cahill	4500

**ALTERATIONS**  
(182) 1806 19TH AVE. Alter dwelling.  
Owner—Hanson Bros., 5840 Mission.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(183) 1800 19TH AVE. Alter dwelling.  
Owner—Hanson Bros., 5840 Mission.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(184) 1810 19TH AVE. Alter dwelling.  
Owner—Hanson Bros., 5840 Mission.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(185) 1810 19TH AVE. Alter flats.  
Owner—Hanson Bros., 5840 Mission.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(186) 240 KEARNEY ST. Alter store.  
Owner—Coldwell-Cornwall & Banker,  
57 Sutter St.

**ALTERATIONS**  
(187) 16TH AVE., 329 S LAW-TON.  
One-story and basement frame dwelling.  
Owner—Henry Doelger Builder, Inc.,  
329 Judah St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(188) 160 MONTGOMERY. Alter of-  
fices.  
Owner—E. F. Hutton Co., Prem.  
Contractor—Lindgren & Swinerton,  
Inc., 225 Bush St.  
Architect—Not Given. \$1950

**ALTERATIONS**  
(189) 1255-57 19TH AVE. Alter flats.  
Owner—Mr. Napris, 1327 7th Ave.  
Contractor—John Newton, 2029 Kirk-  
ham.  
Architect—Not Given. \$1900

Owner—Martin Stellings, Jr., 155  
Montgomery.  
Contractor—G. P. W. Jensen & Sons,  
Inc., 320 Market.  
Architect—Francis E. Lloyd, 560 Pine  
St. \$5000

**ALTERATIONS**  
(186) 240 KEARNEY ST. Alter store.  
Owner—Coldwell-Cornwall & Banker,  
57 Sutter St.

**ALTERATIONS**  
(187) 16TH AVE., 329 S LAW-TON.  
One-story and basement  
frame dwelling.  
Owner—Henry Doelger Builder, Inc.,  
329 Judah St.  
Architect—Not Given. \$4000

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(188) 160 MONTGOMERY. Alter of-  
fices.  
Owner—E. F. Hutton Co., Prem.  
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Inc., 225 Bush St.  
Architect—Not Given. \$1950

**ALTERATIONS**  
(189) 1255-57 19TH AVE. Alter flats.  
Owner—Mr. Napris, 1327 7th Ave.  
Contractor—John Newton, 2029 Kirk-  
ham.  
Architect—Not Given. \$1900

**ALTERATIONS**  
(190) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(191) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(192) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(193) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(194) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(195) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(196) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(197) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(198) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(199) 1632 HAIGHT ST. Alter store.  
Owner—Spruce Reltz Stores, Prem.  
Contractor—Jan Janjigan, 1921 Mis-  
sion.  
Architect—Not Given. \$2400

**ALTERATIONS**  
(200) 5320-28 GEARY ST. Alter res-  
taurant.  
Owner—Chester Dickinson, 5328  
Geary St.  
Contractor—Seymour Corp., 251 Post  
St.  
Architect—Wm. Henry Rowe, Resing  
and McGuinness, 488 Pine St. \$2982

**ALTERATIONS**  
(201) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(202) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(203) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(204) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(205) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(206) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(207) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(208) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(209) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(210) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(211) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

**ALTERATIONS**  
(212) 25-27 JOYCE. Alter apart-  
ments.  
Owner—E. Smith, 846 Bush St.  
Architect—Farr & Ward, 68 Post St.  
\$2500

Contractor—John Newton, 2029 Kirk-  
ham.  
Architect—Not Given. \$1700

**ALTERATIONS**  
(197) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(198) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(199) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(200) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(201) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(202) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(203) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(204) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(205) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(206) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(207) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(208) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(209) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(210) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(211) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(212) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(213) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(214) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(215) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(216) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(217) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(218) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(219) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(220) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(221) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(222) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(223) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

**ALTERATIONS**  
(224) 35 6TH ST. Alter restaurant.  
Owner—Leader Restaurants, Inc., %  
Contractor.

- ERA. One-story and basement frame dwelling.  
Owner—D. G. Huenergard, 120 Montavo.  
Contractor—Villa Moret, Inc., 1008 Claus Spreckels Bldg.  
Architect—Not Given. \$3500
- DWELLING  
(209) W. 35TH AVE., 250 N RIV-  
ERA. One-story and basement  
frame dwelling.  
Owner—Villa Moret, Inc., 1008 Claus  
Spreckels Bldg.  
Architect—Not Given. \$3500
- DWELLING  
(210) W. 35TH AVE., 225 N RIV-  
ERA. One-story and basement  
frame dwelling.  
Owner—Villa Moret, Inc., 1008 Claus  
Spreckels Bldg.  
Architect—Not Given. \$3500
- DWELLING  
(211) E. 34TH AVE., 200 S JUDAH.  
One-story and basement frame  
dwelling.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah St.  
Architect—Not Given. \$3500
- DWELLING  
(212) E. 34TH AVE., 150 S JUDAH.  
One-story and basement frame  
dwelling.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah St.  
Architect—Not Given. \$3500
- OFFICES  
(213) SE HARRISON & 8TH STS.  
One-story frame offices.  
Owner—Brown Chevrolet Co., NE  
Harrison and 7th Sts.  
Contractor—Frank J. Reilly Co., 6350  
Fulton.  
Plans by Owner. \$1500
- DWELLING  
(214) 1269 19TH AVE. Alter dwell-  
ing.  
Owner—Mrs. Rosta Lamont, Prem.  
Contractor—Robert P. Kelly, 1434  
Lawton.  
Architect—Not Given. \$1000
- LAUNDRY  
(215) N. McALLISTER, 100 WEST  
LYON. Two-story frame laun-  
dry.  
Owner—Chas. Camou, 1927 McAllis-  
ter.  
Contractor—Richard Delucchi & Co.,  
3275 San Bruno.  
Architect—Not Given. \$6500
- ALTERATIONS  
(216) 235 MONTGOMERY, SUITE  
550. Alter offices.  
Owner—Russ Building Co., 235 Mont-  
gomery.  
Contractor—A. G. J. Muller, 354 Russ  
Bldg.  
Architect—Not Given. \$2630
- ALTERATIONS  
(217) 235 MONTGOMERY, SUITE  
914. Alter offices.  
Owner—Russ Building Co., 235 Mont-  
gomery.  
Contractor—A. G. J. Muller, 354 Russ  
Building.  
Architect—Not Given. \$2198
- DWELLING  
(218) S. ULLOA, 128 E LAGUNA  
HONDA. One-story and base-  
ment frame dwelling.  
Owner—J. V. Campbell, 849 Laguna  
Honda.  
Architect—Conrad T. Kett, 519 Cali-  
fornia. \$4000
- DWELLING  
(219) SE ULLOA, 97 NE LAGUNA  
HONDA. One-story and base-  
ment frame dwelling.  
Owner—J. V. Campbell, 849 Laguna  
Honda.
- Architect—Conrad T. Kett, 519 Cali-  
fornia. \$5,000
- MARQUEE  
(220) 844 MARKET. Marquee.  
Owner—Tilton's Clothing Store,  
Premises.  
Contractor—Patterson & Koster Iron  
Works, Inc., 230 13th St.  
Architect—Not Given. \$1490
- DWELLING  
(221) NW JACKSON & STEINER.  
Two-story frame dwelling.  
Owner—Elsie Rousseau, care Con-  
tractor.  
Contractor—Oliver M. Rousseau, Inc.,  
321 Kearny.  
Architect—W. M. Gunnison, 1666 Gol-  
den Gate. \$8,000
- DWELLING  
(222) SE BOSWORTH and ROT-  
TECK. One-story and basement  
frame dwelling.  
Owner—H. Barber, 225 College.  
Architect—Not Given. \$4,000
- DWELLING  
(223) NW ULLOA, 141 NE LAGU-  
NA HONDA. One-story and  
basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna  
Honda.  
Architect—Conrad T. Kett, 519 Cali-  
fornia. \$4,000
- ALTERATIONS  
(224) 230 EDDY. Alter hotel.  
Owner—Radio Station KGGC, Prem.  
Contractor—Not Awarded.  
Architect—F. F. Amandes, 414 Dew-  
ey Blvd. \$3,000
- Engineer—W. Adrian, 417 Market.
- DWELLING  
(225) W STEINER, 51 N JACKSON  
Two-story frame dwelling.  
Owner—Anza Home Bldg. Co., 321  
Kearny.  
Contractor—Oliver M. Rousseau, Inc.,  
321 Kearny.  
Architect—W. M. Gunnison, 1666 Gol-  
den Gate. \$7,000
- ALTERATIONS  
(226) 2120 TARAVAL. Alter gar-  
rage.  
Owner—Minnie Pengelly, 2379 26th  
Ave.  
Contractor—Jas. McFarland, 910 47th  
Ave.  
Architect—Not Given. \$2,000
- FLATS  
(227) S. 29TH ST., 130 W SAN-  
CHEZ. Two-story frame flats.  
Owner—Michael Driscoll, 115 28th  
St.  
Architect—Not Given. \$6,000
- MOVE DWELLING  
(228) FROM 3145 BAKER TO LOTS  
4 & 5, CITY BLOCK 940. Move  
dwelling.  
Owner—F. Baker, care Contractor.  
Contractor—Empire Constr. Co., Russ  
Bldg.  
Architect—Not Given. \$2,000
- DWELLING  
(229) S. KIRKHAM, 177 W 22ND  
AVE. One-story and basement  
frame dwelling.  
Owner—Chas. M. McCarthy, 1401 22d  
Ave.  
Architect—Not Given. \$3750
- OPERATING ROOM  
(230) E. 6TH AVE., 100 N ANZA.  
One-story Class A operating  
room.  
Owner—French Hospital, Geary and  
Sixth Ave.  
Contractor—Not awarded.  
Architect—Fahre & Hildebrand, 110  
Sutter  
Engineer—F. W. Kellberg, 320 Mar-  
ket. \$15,000
- ALTERATIONS  
(231) 1546 FILLMORE. Alter res-  
taurant.  
Owner—Deck Coffman, Prem.  
Architect—Not Given. \$1200
- ALTERATIONS  
(232) 333 GEARY. Alter restaurant.  
Owner—Gene Compton, Inc., 144 El-  
lis St.  
Contractor—Daniel O'Neill, 273 Min-  
na St.  
Architect—Not Given. \$1,000
- DWELLING  
(233) W ALMADEN 310 N Anza.  
One-story frame dwelling.  
Owner—G. Hall, 1514 Larkin Street.  
Contractor—Francisco Heights Bldg.  
Co., 1514 Larkin Street.  
Architect—D. E. Jaekle, 126 Post St.  
\$4,000
- DWELLING  
(234) W ALMADEN 331 N Anza.  
One-story frame dwelling.  
Owner—G. Hall, 1514 Larkin Street.  
Contractor—Francisco Heights Bldg.  
Co., 1514 Larkin Street.  
Architect—D. E. Jaekle, 126 Post St.  
\$4,000
- ALTERATIONS  
(235) 2424 WASHINGTON ST. Ai-  
ter rooming house.  
Owner—P. Petersen, premises.  
Contractor—G. Jensen, 41 Bachl.  
\$3,830
- BUILDING  
(236) NW 21st AVE. and Irving St.  
One-story commercial building.  
Owner—E. Pisan, 340 Eush Street.  
Contractor—Moore and Roberts, 693  
Mission Street.  
Architect—H. J. Scott, 1392 Page St.  
\$10,000
- ALTERATIONS  
(237) 345 CAPP ST. Alter flats.  
Owner—A. Street, 2003 Divisadero.  
Contractor—D. C. McCabe, 430 Call  
Building.  
Architect—Not Given. \$1,000
- ALTERATIONS  
(238) 489 BROADWAY. Alter res-  
taurant.  
Owner—L. Rovella, 35 Banner Placc.  
Contractor—Rome Carpenter Shop,  
1659 Powell St.  
Architect—Not Given. \$1,000
- DWELLING  
(239) NE DANTON and Cavaga.  
One-story and basement frame  
dwelling.  
Owner and Builder—A. Berwick, 1525  
Noe Street.  
Architect—Not Given. \$4,000
- ALTERATIONS  
(240) 114 POWELL ST. Alter hot-  
tel.  
Owner—Golden State Hotel, Prem-  
ises.  
Contractor—Fred W. Schell, 666 Mis-  
son Street.  
Architect—Miller and Pflueger, 580  
Market Street. \$7500
- DWELLING  
(241) W ALMADEN 352 N ANZA.  
One-story frame dwelling.  
Owner—G. Hall, 1514 Larkin Street.  
Contractor—Francisco Heights Bldg.  
Co., 1514 Larkin Street.  
Architect—D. E. Jaekle, 126 Post St.  
\$4,000
- DWELLING  
(242) N KIRKHAM 120 E 26th Ave.  
One-story and basement frame  
dwelling.  
Owner—W. J. Lowe, 445 Ashbury St.  
Contractor—P. E. Vukicevich, 1442  
Taraval Street.  
Architect—C. O. Clausen, 746 46th  
Avenue. \$3,500

**DWELLING**  
(243) NW ULLOA 110 NE Laguna Honda. One-story and basement frame dwelling.  
Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$5,000

**DWELLING**  
(244) NW ULLOA 172 NE Laguna Honda. One-story and basement frame dwelling.  
Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$3,700

**DWELLING**  
(245) W 12th AVE. 225 N Taraval. One-story and basement frame dwelling.  
Owner & Builder—A. Hallgren, 1594 29th Avenue.  
Architect—Not Given. \$4,000

**ALTERATIONS**  
(246) NO. 2801 NEWHALL STREET. Alter office.  
Owner—General Brewing Corp., 2601 Newhall Street.  
Architect—Fred Meyer, Kohl Bldg., San Francisco.  
Contractor—Cahill Bros., 206 Sansome St. \$5,000

**APARTMENTS**  
(247) NE NORTH POINT AND Webster Sta. Three-story frame apartments.  
Owner—Chas. A. Johnson, 1990 Green Street.  
Architect—H. C. Baumann, 251 Kearny Street.  
Engineer—Jas. M. Smith, 251 Kearny Street.  
Sub-Contractors. \$40,000

**STOREHOUSE**  
(248) NO. 619 SEVENTH STREET. Storehouse.  
Owner—S. Mazerson, Premises.  
Architect—Not Given.  
Contractor—R. E. Hamill and P. G. Maier, 4014 Geary Blvd. \$2,000

**FACTORY**  
(249) W THIRD ST. 309 S 20th St. Two-story Class C factory.  
Owner—Goodyear Rubber Co., % Contractor.  
Architect—W. D. Peugh, 333 Montgomery Street.  
Engineer—F. W. Kellberg, 320 Market Street.  
Contractor—Cahill Bros., 206 Sansome Street. \$46,000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
114	Neison	Nelson	3500
115	Pressler	Owner	5000
116	Veterans	Early	3000
117	Pollard	Owner	1900
118	Franklin	Lynn	3500
119	O'Hara	Strong	5700
120	Dashliell	Owner	4500
121	Geondrot	Owner	3500
122	Paramount	Soder	5000
123	Alder	Gaubert	6300
124	Owl	Dunn	5000
125	Logan	Ortzw	1245
126	Souza	McKallor	1300
127	Kushins	Muller	18000
128	Grace	Icard	1000
129	Scammell	Owner	5000
130	Jordan	Owner	3200
131	Wells	Starr	4650
132	Nelle	Person	20622
133	Kahn	Kulchar	2000
134	de Grassi	Norris	2375
135	de Grassi	Norris	12500
136	Day	Sanford	1000
137	ome	Gabriel	3500
138	Conrad	Watson	4000
139	Shepard	Alder	6000
140	Anderson	Owner	2900
141	Henderson	Owner	1500
142	Bean	Foster	2850
143	Shapero	Owner	5000
144	Shapero	Owner	4500

**DWELLING**  
(114) 4055 HARDING WAY, OAKLAND. One-story 5-room dwelling.  
Owner—R. H. Nelson, 1950 Hoover Ave.  
Contractor—H. Nelson, 1950 Hoover Ave.  
Architect—Not Given. \$3500

**DWELLING**  
(115) 3106 E. 25TH ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Walter Pressler, 1419 Excelsior Ave.  
Architect—Not Given. \$5000

**REPAIRS**  
(116) 1565 77TH AVE., OAKLAND. Fire repairs.  
Owner—Veterans' Welfare Board, Sacramento.  
Contractor—T. J. Early, Jr., 366 40th St.  
Architect—Not Given. \$1000

**DWELLING**  
(117) 3739 BRUNELL DR., OAKLAND. One-story 4-room dwelling.  
Owner & Builder—Roy B. Pollard, 1910 Crosby Ave.  
Architect—Not Given. \$1900

**ADDITION**  
(118) 640-42 38th ST., OAKLAND. Addition.  
Owner—Franklin Properties Corp., Syndicate Bldg.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave.  
Architect—Not Given. \$2500

**DWELLING**  
(119) LOT 683, DIAZ PL., OAKLAND. One-story 6-room dwelling.  
Owner—Mrs H. O'Hara, 583 42nd St.  
Contractor—V. N. Strong, 1521 9th St., Alameda.  
Architect—Not Given. \$5700

**DWELLING**  
(120) 2742 MONTICELLO AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—E. L. Dashiell, 3700 Foothill Blvd.  
Architect—Not Given. \$4500

**DWELLING**  
(121) 1215 E. 23RD ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Alfred J. Geondrot, 4011 Linwood Ave.  
Also 1-story garage, \$100.  
Architect—Not Given. \$3500

**ADDITION**  
(122) 1800 MADISON ST., OAKLAND. One-story concrete addition.  
Owner—Paramount Hotel Corporation, Prem.  
Contractor—Oscar Soder, 841 Arlington St.  
Architect—R. C. Schuppert, 1530 Wellington St. \$5000

**DWELLING**  
(123) 2110-12 SEMINARY AVENUE, OAKLAND. Two-story 10-room two-family dwelling and garage.  
Owner—M. Alder.  
Contractor—Gaubert Brothers, 6725 Brookdale Ave., Oakland.  
Architect—Not Given. \$6,500

**ALTERATIONS**  
(124) 493 TELEGRAPH AVENUE, OAKLAND. Alterations.  
Owner—The Owl Drug Co., 657 Mission St., San Francisco.  
Contractor—Louis C. Dunn Inc, 424 Monadnock Building San Francisco.  
Architect—Not Given. \$5,000

**ALTERATIONS**  
(125) 5510 TAFT AVE OAKLAND. Addition and alteration.  
Owner—Mildred Logan.

Contractor—J. Ortzw, 3924 Clarke St., Oakland.  
Architect—Not Given. \$1,245

**ALTERATIONS**  
(126) 1045 45th ST., OAKLAND. Alterations.  
Owner—Wm. T. Souza, 1045 45th Ave., Oakland.  
Contractor—H. T. McKallar, 2231 Coloma St., Oakland.  
Architect—Not Given. \$1,300

**STORES**  
(127) 1715-17-21 TELEGRAPH AVE OAKLAND. One-story concrete stores.  
Owner—Kushins & Sternberg, 708 Broadway Bldg., Oakland.  
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.  
Architect—W. E. Schirmer, Bank of America Bldg., Oakland. \$18,000

**ALTERATIONS**  
(128) 720 39th ST., OAKLAND. Alterations and addition.  
Owner—G. Grace, 720 39th St., Oakland.  
Contractor—A. Icard, 972 Aileen St., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(129) 2455 CORDOVA AVE., OAKLAND. One-story 6-room dwelling.  
Owner and Contractor—J. W. Seamell, 3161 Fruitvale Ave., Oakland.  
Architect—Not Given. \$5,000

**DWELLING**  
(130) 978 MOUNTAIN BLVD. OAKLAND. One-story 4-room dwelling.  
Owner and Builder—M. Jordan, 231 Foothill Blvd., Oakland.  
Architect—Not Given. \$3200

**DWELLING**  
(131) 2960 EL MONTE AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner—Clare Wells, 1139 Harvard Road, Oakland.  
Contractor—Clarence M. Starr, 2019 Delaware St., Berkeley.  
Architect—G. E. Ellinger, 1801 Castlerine Road, Oakland. \$4,650

**DWELLING**  
(132) 46 LINCOLNSHIRE BLVD., OAKLAND. Two-story 10-room dwelling.  
Owner—Clifford W. Nelle, 811 Coventry Road, Berkeley.  
Contractor—Emil Person, 729 San Luis Road, Berkeley.  
Architect—E. T. Spencer, Claus Spreckles Bldg., San Francisco. \$20,692

**ALTERATIONS**  
(133) 1529-31 BROADWAY, OAKLAND. Alterations.  
Owner—Kahn Bros., Inc., premises.  
Contractor—S. Kulchar Co., 731 East 10th St., Oakland.  
Architect—Not Given. \$2,000

**DWELLING**  
(134) 1536 SCENIC AVE., BERKELEY. One-story 4-room frame dwelling.  
Owner—Virginia de Grassi, 2737 Forest St., Berkeley.  
Contractor—J. Norris, 4449 Pleasant Valley Court, Oakland.  
Architect—Not Given. \$2,375

**DWELLING**  
(135) 1534 SCENIC AVE., BERKELEY. Two-story 13-room dwelling and garage.  
Owner—Virginia de Grassi, 2737 Forest St., Berkeley.  
Contractor—J. Norris, 4449 Pleasant Valley Court, Oakland.  
Architect—Earl F. McDonald, 3812 Broadway, Oakland. \$12,800

**ALTERATIONS**  
(136) 2026 SHATTUCK AVENUE, BERKELEY. Alterations.  
Owner—M. A. Day, 2026 Shattuck Ave., Berkeley.  
Contractor—P. M. Sanford 337 10th St., Richmond. \$1,000

**DWELLING**  
(137) NO. 3851 MADRONE AVE., OAKLAND. One-story five-room dwelling.  
Owner—Home Loan Security Co., 1447 Franklin St., Oakland.  
Architect—Not Given.  
Contractor—Walter N. Gabriel, 1447 Franklin St., Oakland. \$3500

**DWELLING**  
(138) NO. 3726 VIRDEN AVENUE, OAKLAND. One-story six-room dwelling.  
Owner—Louis V. Conrad, 3600 13th Ave., Oakland.  
Architect—Not Given.  
Contractor—Wm. Watson, 3750 Melton Ave., Oakland. \$4000

**DWELLING**  
(139) NO. 1687 TRESTLE GLEN ROAD, OAKLAND. Two-story 6-room dwelling.  
Owner—Albert E. Shepard, 801 Carmel Ave., Albany.  
Architect—Not Given.  
Contractor—E. W. Alder, 414 Lee St., Oakland. \$6000

**DWELLING**  
(140) NO. 6533 BECK ST., OAKLAND. One-story 5-room frame dwelling.  
Owner—Chas. Anderson, 3917 Park Blvd., Oakland.  
Architect—Not Given. \$2900

**ADDITIONS**  
(141) NO. 260 TUNNEL RD., BERKELEY. Additions.  
Owner—Mr. Heineman, Premises.  
Architect—Not Given.  
Contractor—H. K. Henderson, 20 Avis Road, Berkeley. \$1500

**DWELLING**  
(142) NO. 93 ALAMO ST., BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—V. M. Bean, 2608 Benvenue Ave., Berkeley.  
Architect—Not Given.  
Contractor—W. G. Foster, 4 Avon Rd., Berkeley. \$3850

**DWELLING**  
(143) NO. 2555 VIRGINIA STREET, BERKELEY. Two-story 5-room frame dwelling.  
Owner—S. M. Shapiro, 2551 Virginia St., Berkeley.  
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley. \$5000

**DWELLING**  
(144) NO. 2563 VIRGINIA STREET, BERKELEY. Two-story 5-room frame dwelling and garage.  
Owner—S. M. Shapiro, 2551 Virginia St., Berkeley.  
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley. \$4500

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
10	Pacific	Underground	
11	Neil	Stevenson	1709
12	Neil	Fazio	559

**CONDUIT**  
(10) SAN PABLO AVE bet 17th and Peralta Sts., Oakland. Underground concrete conduit.  
Owner—Pacific T. & T. Co.  
Architect—Not Given.  
Contractor—Underground Concrete Co., 6 Alvarado Rd., Berkeley.  
Filed, Feb. 1, '37. Dated, Jan. 27, '37.  
Every two weeks 75%

40 days after.....25%  
TOTAL COST NOT GIVEN  
Bond, \$15,777.33. Sureties, Pacific Indemnity Co., Limit, 90 days. Plans and specifications filed.

**ALTERATIONS**  
(11) 3017 SUMMIT ST., Oakland. Alterations to building.  
Owner—Dr. J. M. Neil, 318 Euclid Ave., Oakland.  
Architect—Not Given.  
Contractor—H. B. Stevenson, 1752 69th Ave., Oakland.  
Filed, \_\_\_\_\_, Dated, \_\_\_\_\_.  
Completion of 50% of work.....40%  
When completed.....40%  
Usual 35 days.....20%  
TOTAL COST, \$1709  
Bond, none. Limit, 90 days. Forfeit, \$10 per day. Plans and specifications filed.

(12) PLUMBING ON ABOVE.  
Contractor—A. J. Fazio.  
Filed, \_\_\_\_\_, Dated, \_\_\_\_\_.  
Payments same as above.  
TOTAL COST, \$559  
Bond, limit, forfeit, plans and specifications, none.

### SAN FRANCISCO CO. PERMITS UNDER \$1,000

ALTER flats, \$400; 1737-39 Leavenworth Street; owner, Mrs. Fox, premises; contractor, L. Salomon, 1734 Broderick St.  
SIGN, electric, \$200; 397 Ellis Street; owner, Harold Hansen, premises; contractor, Electrical Products Cor., 910 Harrison St.  
SIGN, electric, \$125; 2529 24th St.; owner, Young's, premises; contractor, Novelty Elec. Sign Co., Inc., 66 Washburn.  
SIGN, electric, \$200; 2086 Union St.; owner, Bridge Realty Co., 2086 Union Street; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
FLUE, \$30; 5 Underwood 400 East Lane; owner, G. Carraro & Sons 750 Fulton; contractor, John J. Delucchi, 1526 Powell.  
SIGN, electric, \$50; 856 Market St.; owner, Berger's, Inc., premises; contractor, Electrical Prod. Corp., 910 Harrison St.  
SIGN, electric, \$30; 856 Market St.; owner, Berger's, Inc., premises; contractor, Electrical Prod. Corp., 910 Harrison St.  
SIGN, electric, \$100; 524 Sutter St.; owner, Cartwright Hotel, premises; contractor, Novelty Elec. Sign Co., 66 Washburn.

ALTER store, \$200; 500-502 Grant Ave.; owner, John Conaghy, San Lorenzo, Calif.; contractor, Joel Johnson & Son, 1614 Church St.  
FLUE, \$30; 1577 Faravall; owner, S. Gaitre, premises; contractor, L. Epp, 4745 Geary St.  
SIGN, electric, \$50; 856 Market St.; owner, Berger's, Inc., premises; contractor, Electrical Prod. Corp., 910 Harrison St.  
SIGN, electric, \$225; 695 Irving St.; owner, Terrilli's Hotel, premises; contractor, Electrical Prod. Corp., 910 Harrison St.  
ALTER dwelling, \$50; 175 Peabody; owner, V. Camelia, premises.  
FLUE, \$30; 8 Underwood 425 East Lane; owner, G. Carraro & Sons, 750 Fulton; contractor, John J. Delucchi, 1526 Powell.  
ALTER dwelling, \$480; 2205 Fulton; owner, G. Rice, 1734 Broderick; contractor, L. Salomon, 1734 Broderick St.  
SIGN, electric, \$200; 433 Powell St.; owner, Chancellor Hotel, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn.  
ALTER apt's, \$810; 3560 Divisadero; owner, John Bayves, 3560 Divisadero; contractor, Swanson Bros., 1241 11th Ave.  
ALTER store, \$500; 119 Grant; owner, Sommer & Kaufman, Prem.;

contractor, Unit Bolt Fixture Co., 243 7th St.

ALTER flats, \$800; 10 Carl; owner, Wm. J. Frem.; contractor, Chas. Greenberg, 3118 23rd St.  
ALTER store, \$190; 1551 Fillmore; owner, Hull's Creamery, Prem.; contractor, Joel Johnson & Son, 1614 Church.

SIGN, electric, \$450; West Portal & Vicente; owner, Owl Drug Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER salesroom, 2885 Mission; owner, Bank of Calif., 16th St. and Julian.

FLUE, \$15; 661 Ande.son; owner, Cook, Prem.; contractor, Sterling Furniture Co., 1049 Market.

GARAGE, private, frame, \$350; 1425 Anza; owner, Alex M. Farno, 1508 Divisadero.

SIGN, electric, \$150; 1207 Pacific; owner, Kerr, Prem.; contractor, Pacific Elec. Constr. Co., 1496 Mission.

SIGN, electric, \$75; 333 Geary; owner, Gene Compton's, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER offices, \$400; 1299 Bush St.; owner, Anglo Calif. Bank, Sutter and Sansome; contractor, Bay Cities Contracting Co., 666 Mission.

FLUE, \$20; 2874 Golden Gate; owner, Lindgren, Prem.; contractor, Sterling Furniture Co., 1049 Market.

ALTER store, \$750; 961 Market St.; owner, M. Steinberg & Sons, Prem.; contractor, Unit Bolt Fixture Co., 243 7th St.

ALTER dwelling, \$500; 215 Acadia; owner, E. D. Pahlba, 3850 Army.

ALTER dwgms, \$18; 393 Park; owner, F. Marucci, Prem.; contractor, F. J. Dunn Roofing Co., 3597 Mission.

ALTER dwelling, \$60; 121 Peabody; owner, George O'Neill, Prem.

SIGN, electric, \$65; 1891 Fillmore; owner, Thift Cut Rate Drugs; contractor, Elec. Prod. Corp., 910 Harrison.

### ALAMEDA COUNTY PERMITS UNDER \$1,000

ALTER basement, \$400; 1108 Underhill, Oakland; owner, L. Graybiel, Prem.; contractor, Theo. H. Lapham, 546 Kenmore Ave.  
ADDITION, frame, \$150; 6222 Mernewood Drive, Oakland; owner, B. Pendleton, Premises.

ALTERATIONS, \$300; 408 15th St., Oakland; owner, Apex Realty Co., contractor, W. J. Wheeler, 4001 Elston Avenue.

GARAGE, one-story, \$500; 5710 Harbor Drive, Oakland; owner, Daniel C. Lorenzen, 1911 Brush St.; contractor, Burrows Termite & Bldg. Mam. Co., 3514 Broadway.

ALTERATIONS, \$200; 9914 E Street, Oakland; owner, D. Antonio, 9910 E Street.

ALTERATIONS, \$150; 171 Grand Ave., Oakland; owner, A. M. Salinger, 524 13th St.

WRECK, one-story building, \$20; 5823 Canning St., Oakland; owner, E. M. Oms, 5829 Canning St.

ALTERATIONS, \$450; 418 19th St., Oakland; owner, E. Brockwaiser; contractor, Wallace A. Peterson, 1727 World St.

ALTERATIONS, \$90; 1633 22nd Ave., Oakland; owner, V. Millafoglie, 1250 53rd Ave.

ALTER store front, \$500; 485 12th St., Oakland; owner, The Owl Drug Co., 657 Mission St., San Francisco; contractor, Loula C. Dunn, Inc., 424 Monadock Bldg., San Francisco.

ALTER marquee, \$200; 3570 Telegraph Ave., Oakland; owner,

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres  |
| 7.—Federal Buildings            | 17.—Wharves & Docks             |
| 8.—Club Buildings               | 18.—Misc. Const.                |
| 9.—Hospitals                    | 20.—Misc. Supplies & etc.       |
| 10.—Hotels                      |                                 |

## 1— APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$14,000  
**BURLINGAME**, San Mateo Co., Cal.  
Capuchino Ave., North of Broadway.

Two-story frame and stucco apartment building (four four-room apts.), copper roof, steel sash, gas and hot air heating system, refrigeration, automatic hot water, hardwood floors, tile baths, etc.

Owner—Maurice Tosch, 1090 Burlingame Square, Burlingame.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—Charlie Hammer, 1090 Burlingame Sq., Burlingame.

**Contract Awarded**  
**APARTMENTS** Cost, \$30,000  
**SANTA CRUZ**, Santa Cruz Co., Cal.  
Two four-unit frame and stucco apt. buildings (four 3-room, three 5-room and one 4-room apartments), hardwood floors, gas furnace, composition flat roof, steel sash, tile baths and showers, individual refrigerators, etc.

Owner—Withheld.  
Architect—Edward W. Kress, 402 First National Bank Bldg., San Jose.

Contract has been awarded and further announcement will be made in about two weeks.

**Sub Contracts Awarded**  
**APARTMENTS** Cost, \$5,000  
**CARMEL**, Monterey Co., Calif.  
One-story frame and stucco apartment building (2 apartments).  
Owner—Mrs. G. Meyer, Carmel.  
Architect—Not Given.  
Contractor—Hugh W. Comstock, Carmel.

**Plumbing, Heating—Pacific Heating & Plumbing Co., Monterey.**  
**Glass, Lumber, Hardware—Carmel Building Specialties Co., Carmel.**

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$14,500  
**MILLBRAE**, San Mateo Co., Lots 5 & 6, Blk 5, Broadway.  
New apartment building.  
Owner and Builder—Schultz Construction Co., 1 Hillcrest Blvd., Millbrae.  
Architect—Not Given.

**To Be Done By Day's Work.**  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO**, NE North Point and Webster Streets.  
Three-story frame and stucco apartment building.  
Owner & Builder—Charles A. Johnson, 1990 Green Street.  
Architect—H. C. Baumann, 251 Kearny Street.

Engineer—Jas. M. Smith, 251 Kearny Street.

## 3— CHURCHES

**Structural Steel Contract Awarded**  
**CHURCH** Cont. Price \$12,975  
**SAN FRANCISCO**, Octavia and Pine Streets.

Three-story frame church (wood exterior).

Owner—Buddhist Mission of North America.  
Plans by G. G. Shimamoto, 1534 Geary Street.

Structural Engineer—C. Jefferson Shy, 251 Kearny St.  
Contractor—Judson-Pacific Co., 609 Mission St.

Complete structural steel bids published Feb. 1, 1937.  
General construction bids are now being received until Feb. 4, 5 p. m.

## SUB-BIDS WANTED

**SAN FRANCISCO**—Frank J. Reilly, 6350 Fulton St., desires sub-bids on all portions of the work for the construction of a church for the Buddhist Mission of North America, Octavia and Pine Streets, for which bids will be opened February 4, 5 P. M.

## 4— FACTORIES & WARE-HOUSES

**Contract Awarded**  
**ADDITION** Cost, Pr. \$3,454  
**FRESNO**, Fresno Co., Calif., H. St. and Roosevelt Ave. Einstein Playground.

Additions and alterations to community club house building.  
Owner—City of Fresno (H. S. Foster, City Clerk).

Plans prepared by the Department of Public Works.  
Contractor—Kelley R. Smith, 423 Cortland Ave., Fresno.

Complete bids follow:  
Kelley R. Smith.....\$3,454.70  
Harris Constr. Co..... 3,656.00  
Midstate Constr. Co..... 3,953.00  
All of Fresno.

**Contract Awarded**  
**FACTORY ADDN.** Cont. Pr., \$10,609  
**FERNBRIDGE**, Humboldt Co., Calif.  
Powdered milk manufacturing plant (60 x 80 ft.), evaporator and whey dryer.

Owner—Humboldt Creamery Association (Peter Phillips, Pres.).  
Architect—Not Given.  
Contractor—Mercer-Fraser Company, 2nd and Commercial Sts., Eureka.

Complete bids follow:  
Mercer-Fraser Co., Eureka.....\$10,609  
E. S. Mackins, Eureka..... 12,599  
F. J. Maurer & Son, Inc., Eureka..... 13,500

**Plans Being Figured—Bids Close**  
**February 10, Noon.**  
**WAREHOUSE** Cost \$60,000  
**OAKLAND**, Alameda Co., Calif., 4th and Jackson Streets.

One-story steel frame Class C wholesale warehouse.  
Owner—S. & W. Fine Foods, Fourth and Berry Sts., San Francisco.  
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.  
J. H. Christensen Co., 1951 Webster St., Oakland is figuring plans and desires sub-bids on all portions of the work.

**Plans Being Figured—Bids Close**  
**February 8, 2 P. M.**  
**INDUSTRIAL BLDG** Cost, \$ . . .

**SAN FRANCISCO**, Calif. 15th and Julian Sts.

One-story and mezzanine frame and concrete industrial building.  
Owner—D. Maas, care Edwin Real Estate Co., 604 Mission St.  
Architect—Angus McSweeney, 604 Mission St.

Following are figuring plans:  
A. F. Mattock Co., 212 Clara St.  
F. R. Siegrist, 604 Mission St.  
Larsen & Larsen, 629 Bryant St.  
Jacks & Irvine, 620 Market St.  
G. P. W. Jensen & Sons, Inc., 320 Market St.  
All of San Francisco.

## CONTRACT AWARDED

**SOUTH GATE**, Los Angeles Co., Calif.—Wm. P. Neil Co., 4814 Loma Vista St., awarded contract for the erection of a building, to house a feed manufacturing plant, in South Gate for the Southwestern Supply Co.; J. L. Kingsley, president. It will be a wood frame structure, 200x 100 feet in area, with corrugated iron sides and roof. An office building will also be built on the site.

## BIDS OPENED

**SAN FRANCISCO**—Bids for the installation of steel rolling doors, paving and track work, electrical installation, and water pipe installation on Piers 9 and 19, a PWA project, were opened by the Board of State Harbor Commissioners, Frank G. White, Chief Engineer, Ferry Bldg., and awards recommended to the low bidders, as follows:  
**Steel Rolling Doors—Kinnear Mfg. Co.**, 361 Brannan St., San Francisco, \$31,700.

**Paving and Track Work—Pacific Pavements Co., Ltd.**, 85 Barstow St., San Francisco, \$14,528.08.  
**Electrical Work—American Electric Constr. Co.**, 462 Bryant St., San Francisco, \$16,434.

**Water Pipe Installation—Scott Co.**, 243 Minna St., San Francisco, \$5,637.

Bids were taken as follows:  
(1) Furnishing and installing steel rolling doors in Piers 9 and 19;  
(2) Paving and track work, Piers 9 and 19;

(a) All work except that included in Items b, c and d;  
(b) 3,400 tons Topexa wearing surface, per ton;  
(c) 1,900 tons bituminous base, per ton;  
(d) 475 cu. concrete base, per cu. y.;  
(3) Electrical installation, complete;  
(4) Water pipe installation, complete.

Complete bids follow:  
**Steel Rolling Doors (1)**  
Kinnear Mfg. Co., S. F. \$31,796.00  
Gleason Steel Products Co., Oakland . . . 38,210.00  
J. G. Wilson, Inc., New York City . . . 28,803.00  
Cornell Iron Works S. F. . . 39,390.00  
Parker-Carmerter, Inc., San Francisco . . . 39,888.00

**Paving and Track Work (2)**  
Pacific Pavements Co., Ltd., San Francisco (2a) 22,960.50  
(2b) 4.20  
(2c) 4.20  
(2d) 6.50  
Total . . . 44,528.06  
A. G. Ralsch, S. F. (2a) 24,645.00  
(2b) 3.55  
(2c) 3.85  
(2d) 7.75  
Total . . . 45,260.25

**Fay Improvement Co.**, San Francisco (2a) 25,200.00  
(2b) 4.27  
(2c) 3.37

.....(2d)	4.43
Total	47,092.25
Chas. L. Harney, S. F.	25,000.00
.....(2c)	4.20
.....(2b)	3.80
.....(2d)	12.00
Total	48,750.00
Eaton & Smith	28,242.00
.....(2a)	4.20
.....(2c)	3.80
.....(2d)	7.50
Total	49,654.00

## Electrical Installation (3)

American Electric Constr.	
Co., San Francisco	\$16,434.00
Central Electric Co., S. F.	17,273.00
Lynn & Heffernan, S. F.	14,438.50
Abbett Electric Co., S. F.	17,575.00
Victor Lemoge, S. F.	17,705.00
E. J. Lynch Elec. Co., S. F.	17,754.00
Geo. H. Armstrong, S. F.	18,200.00
Enterprise Electric Works,	
San Francisco	18,664.00
H. S. Little Co., Inc., S. F.	19,100.00
Spencer Electric Co., S. F.	20,693.00
Levy Electric Co., S. F.	21,732.00
Globe Electric Works, S. F.	23,760.00
Decker Electrical Constr.	
Co., San Francisco	24,863.00
Water Pipe Installation (4)	
Scott Co., San Francisco	\$ 5,637.00
Von Tagen Co., S. F.	6,010.00
Alta Elec. & Mechanical Co.,	
San Francisco	6,441.00
M. J. Lynch, S. F.	7,171.00
James A. Nelson, Inc., S. F.	7,593.00
Herman Lawson Co., S. F.	7,990.00
P. L. Burr, S. F.	10,391.50
Martin Murphy, Berkeley	10,484.00

The Board recommended to the PWA that the contracts be awarded to the low bidders.  
(1318) 1st report Jan. 8; 3rd, Jan.

## AWARDS APPROVED

**SAN FRANCISCO**—The Public Works Administration has approved the recommendations of the Board of State Harbor Commissioners, Frank G. White, Chief Engineer, that contracts for the installation of steel rolling doors, paving and track work, electrical installation, and water pipe installation on Piers 9 and 19, be awarded as follows:  
**Steel Rolling Doors**—Kinnear Mfg Co., 361 Brannan St., San Francisco, \$31,796.

**Paving and Track Work**—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, \$44,528.06.

**Electrical Work**—American Electric Constr. Co., 422 Bryant St., San Francisco, \$76,434.

**Water Pipe Installation**—Scott Co., 243 Minna St., San Francisco, \$5-627.

**Contract Awarded FREIGHTHOUSE** Cost, \$ SAN FRANCISCO, Calif. Spear and Bryant Streets.

Three-story reinforced conc. freight-house (137 x 137 ft.) to be built on pile foundation.  
Owner—Sears, Roebuck Co., Kerkhoff Bldg., Los Angeles.

Plans by Construction Department of Owner (M. C. Blanchard, Chief Engineer—Coast Lines).

Contractor—Lindgren & Swinerton, 225 Bush St., San Francisco.

M. B. McGowan, Inc., 72 New Montgomery St., awarded contract by owner to construct substructure of 1000 cross-tied piles.

## 5—FLATS

To Be Done By Day's Work. Cost, \$6,000  
**FLATS**—SAN FRANCISCO, S 29th Street 130 W Sanchez Street  
Two - story frame and stucco flat building.  
Owner and Builder—Michael Driscoll 115 28th Street  
Architect—Not Given

## Bids In—Held Under Advertisment

**FLATS** Cost, \$.....  
SAN FRANCISCO, Calif. Vallejo and Leavenworth Streets.  
Two-story and basement frame and stucco flat building (two 6-room and 2 baths flats).  
Owner—E. Mauberret.  
Architect—Fabre & Hildebrand, 110 Sutter St.

## Postponed Indefinitely

**FLATS** Cost, \$.....  
SAN FRANCISCO, Calif. Filbert St.  
Three-story frame and stucco flat building, frame in basement, composition roof, wood sash, tile floors in baths.  
Owner—W. E. Wessells, care Architect.  
Architect—W. W. Wurster, 260 California St.  
Owner has postponed construction indefinitely.  
(1349) 1st rep. Jan. 14; 2nd, Jan. 28.

## 6—GARAGES &amp; SERVICE STATIONS

**Contract Awarded SERVICE STATION** Cost, \$7,500  
**BURLINGAME**, San Mateo Co., Calif., Lot D, Blk. 10, Burlingame Sand Co.

Gasoline service station  
Owner—C. A. Torello, 1145 Drake Bldg., Burlingame.  
Architect—Not Given.  
Contractor—Fred D. Alexander, 434 Wayne Ave., Oakland.

**Contract Awarded. GARAGE AND SHOWROOM** Cost \$15,000  
**WOODLAND**, Yolo Co., Calif.

One-story concrete garage and show room (90x90), composition roof, steel sash.

Owner—Layton Knaggs, Woodland.  
Architect—W. E. Coffman, Forum Bldg., Sacramento.  
Contractor—E. Younger, 925 Main St., Woodland.  
Contract awarded on a cost plus basis.

**Additional Sub-Contracts Awarded SERVICE STATION** Cost, \$ SAN FRANCISCO California and Taylor Streets.

Steel gasoline service station.  
Owner—Standard Oil Co., 225 Bush. Plans by Engineering Department of Owner.

Contractor—Lindgren and Swinerton, Inc., 225 Bush Street

**Sheet Metal**—Gullfloy Corncr Works 1234 Howard Street

**Glass**—W P Fuller & Co., 301 Mission Street

**Mill Work**—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon.

As previously reported, plumbing awarded to Scott Co., Inc., 243 Minna St.; masonry to Peter Bradley, 635 Brannan St.; roof and roofing tile to J W Bender Co., 1999 Bryant St.

**Additional Sub-Contracts Awarded ALTERATIONS** Cost \$20,000  
SAN FRANCISCO Bush St and St George Alley.

Alter garage.  
Owner—Adam Grant Estate, 114 Sansome Street.

Architect—D D Stone, 381 Bush St.  
Engineer—C. H. Snyder, 251 Kearny  
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

**Plumbing**—Scott Co., Inc., 243 Minna

**Roofing**—J. W. Bender Roofing and Plumbing Co., 1999 Bryant St.

**Glass Brick**—Structural Glass Co., 1490 Mission Street.

As previously reported, steel forms awarded to Steel-Form Contr. Co., 131 Perry St.; lumber to Loop Lbr. Co., Central Basin.

## 7—FEDERAL BUILDINGS

Plans Being Figured—Bids Close March 2.

**OPERATIONS BLDG.** Cost, \$.....  
**HICKAM FIELD**, T. H.

Wing Operations Building, including utilities.

Owner—U. S. Government (Capt. H. E. Nurse, Constructing Quartermaster).

Plans prepared by the office of Quartermaster General, Construction Division, Washington, D. C.

Work will be received by the Constructing Quartermaster, Fort Mason, until 1:30 P. M., P.S.T., March 2, or by the Purchasing and Contracting Officer, Hickam Field, until 11 A. M., H.S.T., March 2.

Bids will be taken as follows:

(I) Work complete, Wing Operations Building, together with all the utilities thereto;

(II) Deduct if the Airdrome Control Penthouse is omitted;

(III) Add or deduct if all aluminum finish is omitted and copper and bronze finish is substituted;

(IV) Add or deduct if chemically stained cement finish is used in lieu of terrazzo;

(V) Add or deduct, if asphalt tile is used in lieu of linoleum wherever the latter is indicated;

(VI) Add if all double strength "A" quality glass is omitted throughout the building and in lieu thereof there is installed polished etched (tinted) glass of the same thickness and as approved by the C.Q.M.

(VII) Deduct if the hot water system is installed and all hot and cold water and electric connections are provided for the hot water heater, but the hot water heater is omitted;

(VIII) Unit Prices:

(1) Excavation (strip 1-inch deep) per c.y.;

(2) Excavation (unclass. general) per c.y.;

(3) Fill (from borrow) per c.y.;

(4) Concrete, Type A per c.y.;

(5) Concrete, Type B per c.y.;

(6) Concrete, Type C per c.y.;

(7) Reinforcing steel, per ton;

(8) Structural steel, per ton;

(9) Building tile, clay, lb. 4-inch, per sq. ft.;

(10) Building tile, clay, lb. 6-inch, per sq. ft.;

(11) Building tile, clay, lb. 8-inch, per sq. ft.;

(12) Building tile, concrete, lb. 4-inch, per sq. ft.;

(13) Building tile, concrete, lb. 6-inch, per sq. ft.;

(14) Building tile, concrete, lb. 8-inch, per sq. ft.;

(15) Tile, clay, furring, per sq. ft.;

(16) Tile, cement, furring, per sq. ft.;

(17) Gypsum blocks, 4-in., per sq. ft.;

(18) Gypsum blocks, 6-in., per sq. ft.;

(19) Gypsum blocks, 8-in., per sq. ft.;

(20) Brick, clay, common, per M.;

(21) Brick, cement, common, per M.;

(22) Brick, glass, per M.;

(23) Dampproofing, per sq. ft.;

(24) Closets, secondary (electric, wall type) each.

**NOTE:** Unit prices of concrete shall include forms.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Ft. Mason, upon deposit of a certified check for \$15, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check payable to the Finance Officer, Fort Shafter, T. H.

**BIDS OPENED**  
**PEARL HARBOR**, T. H.—Dravo Contr. Co., Neville Island, Pittsburgh, Pa., at \$1,120,000 submitted low bid



to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8550, for the construction of a steel floating dry dock, the ARD 2, 146-ft. long and 68-ft. beam, to accommodate destroyers and submarines, to be located at Pearl Harbor.

Newport News Shipbuilding and Dry Dock Co., Newport News, Va., at \$1,325,500 submitted the only other bid.

**BIDS WANTED**

**REDDING, Shaeta Co., Calif.—**Until February 26, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Redding. Specifications obtainable from the above office and from the Custodian of the Building at Redding.

**CONTRACT AWARDED**

**ANAHEIM, Orange Co., Calif.—**Chamberlain Weatherstripping Co., 124 Labrous St., Detroit, at \$718.00, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Anaheim.

**BIDS OPENED**

**SAN FRANCISCO, Calif.—**Anderson & Rowe, 45 Belcher St., at \$104,400, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for revisions on the 1st, 2nd, 4th, 5th and attic floors of the Federal Office Building, San Francisco.

Complete bids follow:

Anderson & Rowe.....	\$104,400
.....Alt. (A) add	2,500
.....Alt. (B) add	500
.....Alt. (C) add	3,000
Fred J. Early.....	105,875
.....Alt. (A) add	760
.....Alt. (B) add	400
.....Alt. (C) add	4,100
Barrett & Hilp.....	121,000
.....Alt. (A) add	2,000
.....Alt. (B) add	1,000
.....Alt. (C) add	3,000
A. Nelson, Inc.....	121,672
.....Alt. (A) add	2,500
.....Alt. (B) add	1,500
.....Alt. (C) add	7,000
Monson Bros.....	122,721
.....Alt. (A) add	1,830
.....Alt. (B) add	380
.....Alt. (C) add	2,642

**BID CALL CANCELLED**

**SAN FERNANDO, Los Angeles Co., Calif.—**Procurement Division, Public Buildings Branch, Washington, D. C., has cancelled a call for bids for painting plaster, etc., in the U. S. Post Office at San Fernando, for which bids were to have opened on January 22.

**BIDS REJECTED**

**EI-KO, Nev.—**All bids were rejected by the Procurement Division, Public Buildings Branch, Washington, D. C., for filling and grading grounds for the U. S. post office at Elko.

**CONTRACT AWARDED**

**MONTEBELLO, Los Angeles Co., Cal.—**Ceco Weatherstrip and Screen Products, 1926 52nd Ave., Chicago, at \$240 awarded contract by the Procurement Division, Public Bldg. Branch, Washington, D. C., for furnishing insect screens at the U. S. post office at Montebello.

**CONTRACT AWARDED**

**SAN PEDRO, Los Angeles Co., Cal.—**W. Pearce, 220 W 40th St., New York City, at \$567, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for a new entrance in the J. S. post office in San Pedro

**BIDS WANTED**

**OWHEE, Nevada.—**Until March 4, bids will be received by the Department of the Interior, Purchasing Office, 15th and F Sts. NW, Washington, D. C., under Proposal No. 2108, for construction of a community building at the Western Shoshone Indian Agency, at Owyhee. Work will consist of a one-story and part basement building (approx. 77,6x61'), with an entrance vestibule appendage (approx. 5-6x20'); concrete footings and foundations and walls above grade of native stone; concrete auditorium floor with wood surface; wood roof with wood supporting trusses and covered with wood shingles; wood windows, doors and door frames; work includes installation of oil burner equipment and a 2-pipe upfeed gravity return vapor type heating system; water and sewer services, plumbing and electrical work also included. A deposit of \$25 is required for each set of plans, not exceeding two sets; checks must be certified.

**MATERIALS APPROVED**

**LOS ANGELES.—**Treasury Department approved following building material and equipment awards for the construction of the Federal Jail, at Los Angeles: Robert E. McKee, Central Bldg., Los Angeles, general contractor; fire hydrants, Kennedy Valve Mfg. Co.; oil burners, oil heaters, oil regulating valve, draft regulators, gas regulating valve, gas burners, Natural Gas Equip. Co.; pump governors, steam and vacuum, Atlas Valve Co.; steam flow meters, Bailey Meter Co.; oil pumping outfit, Natural Gas Equip. Co.

**MATERIALS APPROVED**

**PORTLAND, Oregon.—**Treasury Department approved following building material and equipment awards for the construction of the East Portland Postal Station at Portland: George Isackson Co., general contractor; rubber-covered wire, Habrshaw Cable & Wire Corp.

**MATERIALS APPROVED**

**MESA, Arizona.—**Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Mesa: Edmond & E. John Pfozger, 5205 Haverford Ave., Philadelphia, Pa., general contractors; plumbing fixtures, Crane Co.; electric water cooler, Sunroc Spring Water Co.; direct water heater, Bell & Gossett Co.; water pipe, Phelps-Dodge Copper Products Corp.; pressure reducing valve on water supply, McAlair Mfg. Co.; back water cesspools, T. F. Butler Mfr. Co.; non-conducting covering for plumbing, Johns-Manville Co.; boiler, Titusville Iron Wks., tube and wall radiators, Crane Co.; non-conducting covering for heating, Johns-Manville Co.; angle radiator valves, Crane Co.; angle valves for radiators and air valves for steam mains, Hoffman Specialty Co.; panel boards, Frank Adam Elec. Co.; e. c. wire, Crescent Insulated Wire & Cable Co.; receptacles and flush switches, General Elec. Co.; pendant switches, Pass & Seymour Co.; glass-ite, Gill Glass & Fibre Co.; m. e. bridges, Crane Co.; lighting fixtures, McE-Bridges Corp.

**MATERIALS APPROVED**

**KETCHIKAN, Alaska.—**Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office Court House, Custom House and Jail, J. B. Warrack, 616 3rd Ave. Bldg., Seattle, Wash., general contractor; plumbing fixtures, Crane Co.; water heater, Gerstein-Copper

Co.; water pipe, Revere Copper & Brass; pressure reducing valve on water supply, McAlair Mfg. Co.; relief valve, Penberthy Injector Co.; grease trap, Josam Mfg. Co.; back-water cesspools, Thomas F. Butler Mfg. Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Wks.; cast-iron threaded pipe, Alabama Pipe Co.; boilers, heating, Kewanee Boiler Corp.; oil burners, main boiler, S. T. Johnson Co.; tube and concealed radiators and wall radiators, Crane Co.; fan blower covering for heating, Plant Rubber & Asbestos Wks.; angle radiator valves, mechanical traps and thermostatic traps, Crane Co.; vacuum pumps, Nash Engrg. Co.; automatic temperature regulator for ventilation, Minneapolis-Honeywell Co.; electric controllers for fan motors, Westinghouse Elec. Co.; fans, exhaust, Am. Blower Corp.; fresh air supply fan, Am. Blower Corp.; motors for fans, Westinghouse Elec. Co.; fan blower radiation, Aerofin Corp.; lighting distribution panel and feeder panel, Trumbull Elec. Mfg. Co.; r. c. wire, Hazard Insulated Wire Wks.; flush switches, Bryant Elec. Co.

**BIDS WANTED**

**ORANGE, Orange Co., Calif.—**Until February 17, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster in the U. S. post office in Orange. Specifications obtainable from the above office and from the Custodian of the building at Orange. No deposit required.

**CONTRACT AWARDED**

**FORT DEFENCE, Ariz.—**R. F. Ball Const. Co., 200 S. Main St., Fort Worth, Texas, at \$50,134 awarded contract by the Department of the Interior, Purchasing Office, 15th and F Streets, NW, Washington, D. C., for construction of the Navajo General Hospital, Fort Defiance, Ariz., approximately 30 miles from the nearest railroad at Gallup, N. M.

**CORRECTION IN BID OPENING DATE**

**SAN FRANCISCO—**Until February 19, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5551, for furnishing and installing automatic draft control for boilers at San Francisco Hospital, Potrero Ave. between 22nd and 23rd Streets. Estimated cost, \$2,500.

Specifications may be obtained from the office of the City Architect, Charles H. Sawyer, Room 255, City Hall.  
No deposit required.

**LOW BIDDERS**

<b>SAN FRANCISCO, Calif.—</b> Anderson & Rowe, 45 Belcher St., at \$104,400, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for revisions on the 1st, 2nd, 4th, 5th and attic floors of the Federal Office Building, San Francisco.	
The low bidders follow:	\$104,400
Anderson & Rowe.....	Alt. (A) add 2,500
.....Alt. (B) add	500
.....Alt. (C) add	3,000
Fred J. Early.....	105,875
.....Alt. (A) add	760
.....Alt. (B) add	400
.....Alt. (C) add	4,100

Plans Being Figured—Bids Close March 2.  
**OPERATIONS BLDG** Cont. 5  
**HICAM FIELD, T. H**  
Wing Descriptions Building including utilities.  
Owned by U. S. Government (Captain H. R. Nurse Constructing Quartermaster).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C.

Bids will be received by the Constructing Quartermaster, Fort Mason, until 1:30 P. M., P.S.T., March 2, or by the Purchasing & Contracting Officer, Hickam Field, until 11 A. M., H.S.T., March 2.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Ft. Mason, upon deposit of a certified check for \$15, payable to the Finance Officer, Fort Mason; or from the Purchasing & Contracting Officer, Hickam Field, upon deposit of certified check payable to the Finance Officer, Fort Shafter, T. H.

#### BIDS WANTED

**ALCATRAZ ISLAND, Calif.**—Until February 9, 2 p.m., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for building button-controlled electric freight elevator in Building 64, U. S. Penitentiary, Alcatraz, under Spec. No. 43, Invitation No. 891. Work is itemized as follows:

- (1) Install one new gate at lower or dock landing to automatically lift as the car approaches and to automatically close as the car rises, and to make the present gate at upper landing to automatically lift as the car approaches and to automatically close as the car descends;
- (2) Tighten and rebolt all guides at the sides of the elevator and install a split set-collar on one of the shafts of the machine to prevent shifting of same.

Specifications obtainable from the above office and bids will be opened in Room 408, Post Office Building, San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz.

#### BIDS OPENED

**REDONDO BEACH, Los Angeles Co., Calif.**—Robbins Manufacturing Co., Chicago, Ill., at \$329, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Redondo Beach.

Complete bids follow:  
The Robbins Mfg. Co., Chicago, \$329.00  
Cincinnati Fly Screen Co., Cincinnati, ..... 360.87  
Ceco Weatherstrip & Screen Products, Chicago, ..... 375.00  
Chamberlin Metal Weather Strip Co., Detroit, ..... 376.00

#### BIDS OPENED

**TORRANCE, Los Angeles Co., Cal.**—Chamberlin Metal Weatherstrip Co., Detroit, Mich., at \$407, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens at the U. S. Post Office at Torrance.

Complete bids follow:  
Chamberlin Metal Weatherstrip Co., Detroit, ..... \$407.00  
The Robbins Mfg. Co., Chicago 410.00  
Ceco Weatherstrip & Screen Products, Chicago, ..... 452.00  
Orange Screen Co., Maplewood, N. J. .... 497.00  
The Cincinnati Fly Screen Co., Cincinnati, Ohio ..... 527.24

#### LOW BIDDER

**WOODLAND, Yolo Co., Calif.**—Lundo Nursery, Chico, at \$494, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Woodland.

#### BIDS OPENED

**SAN RAFAEL, Marin Co., Calif.**—Wilson's Nursery, 1355 Sir Francis Drake Blvd., San Anselmo, at \$456.30,

submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at San Rafael.

Complete bids follow:  
Wilson's Nursery, San Anselmo ..... \$456.30  
West End Nursery, San Rafael ..... 850.00  
William B. Smith, San Anselmo ..... 1932.00

#### BIDS WANTED

**SAN FRANCISCO**—Until February 20, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5554, for furnishing and installing automatic draft control for boilers at San Francisco Hospital, Potrero Ave., bet. 22nd and 23rd Sts. Estimated cost, \$2,500.

Specifications may be obtained from the office of the City Architect, Chas. H. Sawyer, Room 265, City Hall.  
No deposit required.

### 8— CLUB BUILDINGS

**Contract Awarded**  
**NIGHT CLUB** Cost, \$3,000  
**SAN FRANCISCO**, 5320-28 Geary St. Complete new night club in existing building; lounge room and cocktail bar.

Owner—Cheater Dickinson, 5328 Geary St.  
Architect—Wm. Henry Rowe, 351 California St., and Resing & McGuinness, 488 Pine St.  
Contractor—Seymour Corp., 251 Post St., San Francisco.

**Plans Being Prepared**  
**CLUB BLDG.** Cost, \$50,000  
**GRASS VALLEY, Nevada Co., Calif.** Three-story concrete building (club rooms, lodge rooms, and stores) (80x80-ft.)  
Owner—Masonic Lodge, Grass Valley.  
Architect—Jens C. Petersen, 812 26th St., Sacramento.  
Bids will be asked about April 1.

### 9— HOSPITALS

**Architect Commissioned to Prepare Plans.**  
**ALTER HOSPITAL** Cost, \$—  
**MARYSVILLE, Yuba Co., Calif.** 4th and H Streets.  
Air conditioning system and miscellaneous alterations to Rideout Memorial Hospital.

Owner—Rideout Memorial Hospital.  
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.  
Bids will be asked in about three weeks.

#### CONTRACT AWARDED

**STOCKTON, San Joaquin Co., Cal.**—Patterson and Koster Iron Works, Inc., 280 13th St., San Francisco, at \$9,253.00 submitted the low bid and awarded the contract by the State Division of Architecture, Sacramento, for furnishing and erecting fire escapes for the Male and Female Buildings at the Stockton State Hospital.  
Alling Iron Works, Sacramento, at \$9,950, submitted the only other bid.

**Planned**  
**HOSPITAL** Est. Cost, \$53,000  
**LOJAN, San Joaquin Co., Calif.** End of West Locust Street.  
One-story hospital building (30 beds)  
Owner—Lodi Hospital Association.  
Architect—Not Selected.

February 2, 1937.  
Sub-Contracts Awarded  
**WARD BLDGS.** Cont. Pr. \$72,900  
**SPRINGVILLE, Tulare Co., Calif.**

Four frame and stucco ward buildings (one 36-bed women's and children's ward bldg., 10,312 sq. ft., and three 10-bed units for general tubercular patients, 7,000 sq. ft.)

Owner—Tulare-Kings Counties Joint Tubercular Sanitarium (Norman C. Wolf, Recording Secretary), Court House, Visalia.

Architect—Ernest Kump, Rowell Building, Fresno.

Contractor—Trebvitt-Shields and Fisher, 1501 Pacific Southwest Building, Fresno.  
Roofing—Coffman Roofing Co., 1837 Merced St.

Electric Wiring—Robinson Elec. Co., 156 N. Van Ness Ave.

Heating & Plumbing—E. A. Newman Company, 320 N. H St.

Sheet Metal—Dowd Sheet Metal Works, 4335 Illinois Ave.

Tile Work—Fresno Marble & Tile Co., 1511 O St.

Painting—Eddy Paint Co., 228 West Broadway, Porterville.

Iron Grill Work—Kyle & Co., 346 G Street.

Lumber—Spalding Lumber Co., Bridge and Oak Sts., Visalia.

Glass & Mill Work—Fresno Planning Mill Co., H and Monterey.

Contractor—Joseph Masl, 515 Oleander St.

Linoleum—Booy Floor Craft.

All of Fresno unless otherwise noted.

#### BIDS OPENED

**CLUB BUILDING** Cost, \$15,000  
**SACRAMENTO, Sacramento Co., Cal.** New Y.L.I. Club Building.  
Owner—Young Ladies' Institute.  
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Low Bidder—W. C. Keating, 1121 24th St., Sacramento.

Complete bids follow:  
W. C. Keating ..... \$12,990  
L. F. Gould ..... 13,425  
C. J. Hopkinson ..... 13,450  
W. E. Truesdale ..... 13,475  
Campbell Constr. Co. .... 13,600  
Chas. S. Tupper ..... 13,700  
Peterson & Steinbrenner, 13,990  
All bidders of Sacramento.

#### BIDS WANTED

**SAN FRANCISCO**—Until Feb. 10, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for repairs to the boilers in the power house at the San Francisco Hospital, Potrero Ave. between 22nd and 23rd Sts. Est. cost, \$8,500.

Specifications may be obtained from the office of the City Architect, Chas. H. Sawyer, Room 265, City Hall.

#### Contracts Awarded

**NURSES' HOME**  
**YOUNTVILLE, Napa Co., Calif.** Veterans' Home.

Two-story reinforced concrete nurses' home with tile roof (30 rooms), and one-story wood frame two-family cottage (Duplex Cottage No. 3), cement plaster exterior and tile roof.

Owner—State of California.

Architect—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.

General Contract—Villadsen Bros., 2059 Webster St., Oakland, \$65,000

Electrical—Allen Richard Ochs, P.O. Box 323, Fresno, 3,500

Plumbing—J. McDermott, P.O. Box 2405, Sacramento ..... 7,444

Heating—J. J. McDermott, Sacramento ..... 5,036

### 10— HOTELS

Sub-Contracts Awarded  
**HOTEL ADDN** Cost, \$70,000  
**PISMO BEACH, San Luis Obispo Co., Cal.**

Four-story reinforced concrete 50-room unit addition to the Butler Hotel.  
 Owner—Butler Hotel, Inc.  
 Architect—A. R. Walker and P. A. Eisen, Los Angeles.  
 Structural Engineer—E. A. Evans, Los Angeles.  
 Contractor—Trewitt - Shields and Fisher, Pacific Southwest Bldg., Fresno.  
 Heating, Plumbing and Sheet Metal—Miller Pibg. and Sheet Metal Works.  
 Electric Wiring—Clime's Electric Co. Mill work and Glass—San Luis Mill & Lumber Company.  
 Structural Steel and Ornamental Iron—Kyle & Co.  
 Reinforcing Steel—Soule Steel Co.  
 Painting—Acme Paint Company.  
 Plastering—Walter H. Daniels.  
 Elevator—Otis Elevator Company.

**Contract Awarded**  
**ALTER HOTEL** Cost, \$7,500  
 SAN FRANCISCO, 114 Powell St.  
 Alter Golden State Hotel.  
 Owner—Golden State Hotel, 114 Powell Street.  
 Architect—Miller and Pflueger, 580 Market Street.  
 Contractor—Fred W. Schell, 666 Mission Street.

**11—ICE AND COLD STORAGE PLANTS**

**Bids Wanted**  
**PACKING SHED**  
 RED BLUFF, Tehama Co., Calif.  
 New packing shed.  
 Owner—City of Red Bluff.  
 Architect—Plans by Engineering Dept. of National Ice Co.  
 Bids on construction and materials are being received by Bert Storm at the Storm Hardware Co., 413 Walnut St., Red Bluff, not later than February 10th.  
 (1455)

**12 POWER PLANTS**

**BIDS WANTED**  
**BONNEVILLE, Ore.**—Until February 11, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Lieut.-Col. C. F. Williams, District Engineer, Portland, under Bid No. 694-37-255, for fabricating and installing a complete sheet metal lighting cove in the switchboard room of the Bonneville powerhouse at Bonneville, Oregon.  
 The Contractor shall furnish and install a sheet metal lighting cove including all necessary supports, expansion bolts, and miter. No electrical work for the cove lighting system is included under this contract and all reflectors, sockets, wiring gutters, wires and other electrical equipment will be purchased at a later date and installed by the Government.

The estimated quantities are:  
 (1) 210 lf. sheet metal cove;  
 (2) 43 each, mild steel supports, 1/4" x 1 1/2" x 1 ft. 1 in. long;  
 (3) 40 anchor bolts, 1/2 in. x 1 1/2 in., cinch two-unit, threaded type, or equal;  
 (4) 43 braces, No. 16 gage x 5/8 in. x 10 1/2 inches long, complete with mounting screws and bolts.

Specifications obtainable from the above office.  
**Contract Awarded**  
**UTILITY BUILDING** Cost, \$17,500  
 SAN RAFAEL, Marin Co., Calif.  
 Steel utility building, concrete floor, corrugated iron walls, etc.  
 Owner—Pacific Gas & Electric Company, 445 Sutter St., San Francisco.

Architect—Plans by Engineering Dept. of Owner.  
 Contractor—Otis Smith, 201 San Anselmo Ave., & Edward G. Jackson, 71 Park Drive, San Anselmo.

**13—PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**BOND ELECTION PLANNED**  
 PETALUMA, Sonoma Co., Calif.—The City of Petaluma is planning to vote bonds in the near future, proceeds to finance construction of a new fire station and fire fighting equipment.

**CONTRACT AWARDED**  
**ALAMEDA - CONTRA COSTA COUNTIES**—E. T. Lesure, 87 Ross Circle, Oakland, at \$43,460 awarded contract by the Board of Directors of Highway District No. 13, under Schedule "D," for the completion of construction of ventilation buildings, including portions of electrical equipment, of the Broadway Low Level Tunnel.  
 Wallace B. Boggs, Chief Engineer.

**MATERIAL AWARDS**  
**SAN LEANDRO, Alameda Co., Cal.**—City of San Leandro, Board of Library Trustees, awarded the following material awards for the construction of an addition and alterations to the Library Building, 302 Estudillo Ave., San Leandro:  
**Lumber**—Larsen Bros., 501 Hepburn St., San Leandro, \$537.  
 Only other lumber bid submitted by San Leandro Lbr. Co. at \$542.80.

**Rough and Pressed Brick**—Central Bldg. Material Co., 915 San Antonio Ave., San Leandro, \$340.50.  
**Roofing**—Central Bldg. Material Co., San Leandro, \$114.  
**Plaster Material**—Central Bldg. Material Co., San Leandro, \$141.61.

Independent Iron Works, at \$809, submitted the low bid for structural steel. Only other structural steel bid submitted by Herrick Iron Works at \$964. Bids were taken under advertisement.

No bids were received for mill hardware, nuts, plumbing, sheet metal, electric material, reinforcing steel and painting and they will not be re-advertised but purchased in the open market.

**PREPARING PLANS**  
**SANTA MONICA, Los Angeles Co., Calif.** Architect Donald B. Parkinson, 808 Title Insurance Bldg., Los Angeles, and Architect Joe M. Estep, 7673 Hollywood Blvd., Hollywood, have been authorized by the Santa Monica City Council to prepare preliminary plans for a proposed new Class A City Hall to be built on Olympic Blvd., between Fourth and Main Sts., at an estimated cost of \$200,000. Application will be made to the government for a PWA grant, the remainder of the necessary funds to come from the sale of the present city hall property.

**BIDS OPENED**  
**SAN FRANCISCO**—J. Harold Johnson, 771 28th Ave., at \$4963 submitted low bid to the Department of Public Works, Room 251, City Hall, for remodeling Engine House No. 2, on Lombard St., between Broderick and Ebbett Sts. Estimated cost, \$7000. Work consists of reducing in size by one-third the building of wood and steel frame construction with the walls to make way for Richardson Avenue.  
 Complete bids follow:  
 J. Harold Johnson, \$4963  
 O. Mosen, \$740  
 Dept. of Public Works, Bureau of Building Repair, 7464

**Planned**  
**RADIATION LABORATORY**  
 COST, \$100,000  
 UNIVERSITY OF CALIFORNIA CAMPUS, Berkeley, Alameda Co., Calif.  
 New radiation laboratory.  
 Owner—Regents of the University of California.  
 Architect—Not Given.

**Contract Awarded**  
**ADDITION** Cont. Fr., \$9,964  
 BERKELEY, Alameda Co., Cal. 1775 Rose St.  
 Additional bracing at Garfield Jr. High School Auditorium (concrete gutting).  
 Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St., Berkeley.  
 Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Consulting Architect—W. C. Ambrose, Berkeley Board of Education.  
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

**Bids Opened**  
**ALTERATIONS**  
 HEADLSBURG, Sonoma Co., Calif.  
 Alter. store building.  
 Owner—Frank Grom, Headlsburg.  
 Architect—John Easterly, Headlsburg and Santa Rosa.  
 Low Bidder—G. S. Lander, 301 Powell Ave., Headlsburg—\$10,795.41.  
 Complete bids follow:  
 G. S. Lander, Headlsburg, \$10,795.41  
 Jack Wright, Santa Rosa, 11,075.00  
 A. Pordon, Headlsburg, 12,400.00

**Contract Awarded**  
**ALTERATIONS** Cont. Fr., \$12,000  
 STOCKTON, San Joaquin Co., Calif.  
 Remodeling and enlarging offices in court house building (new partitions, cabinet additions, electrical connections, plumbing, patching floors, etc.).  
 Owner—County of San Joaquin (Eugene D. Graham, County Clerk).  
 Architect—Ernest W. Johnson, 41 S. Sutter St., Stockton.  
 Contractor—George Reek, 830 N. Pacific Ave., P.O. Box 753, Stockton.  
 Complete bids follow:

George Reek, \$12,000  
 John Hachman, 13,750  
 Ecker Bros., 13,900  
 J. C. Meyers, 14,300  
 All of Stockton.

**BIDS WANTED**  
**SACRAMENTO, Sacramento Co., Calif.**—Until February 11, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the installation of the second tier of the present book stack structure in the City Library, 9th and I Sts., Sacramento, consisting of eleven double-faced ranges of six 36-in. units each, one single-faced range of nine 30-inch units, one single-faced range of six 36-inch units, one 33-inch unit, and one 28-inch unit, and the furnishing and installing of present concrete floor slabs in the aisle areas of the second tier.  
 Plans and specifications obtainable from the above office.

**Contract Awarded**  
**FIRE HOUSE SHOP BUILDING**  
 Contract Price, \$29,423  
 PORTERVILLE, Tulare Co., Calif.  
 Cleveland, Hockett, Fourth and Thurman Streets.  
 One-story and basement reinforced concrete fire house (60 x 100 x 23 ft.), concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted concrete exterior walls, plumbing and heating. One-story reinforced concrete shop building (60 x 110 x 18 ft.), corrugated

iron roof on steel trusses, concrete floors.

Owner—City of Porterville (W. R. Means, City Clerk).

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Midstate Constr. Co., 245 Clinton Ave., Fresno.

#### Complete Bid Listing

**FIRE HOUSE & SHOP BUILDING**  
Cost, \$34,891

PORTERVILLE, Tulare Co., Calif.  
Cleveland, Hockett, Fourth and Thurman Streets.

One-story and basement reinforced concrete fire house (60 x 100 x 23 ft.), concrete floors, wood roof on steel trusses, plastered masonry or metal lath interior walls, painted concrete exterior walls, plumbing and heating. One-story reinforced concrete shop building (60 x 110 x 18 ft.), corrugated iron roof on steel trusses, concrete floors.

Owner—City of Porterville (W. R. Means, City Clerk).

Architect—W. D. Coates, Rowell Bldg., Fresno.

Low Bidder—Midstate Constr. Co., 245 Clinton Ave., Fresno.

Bids were taken as follows:

- (A) Work complete;  
(B) Addition for certain work;  
(C) Unit price per c. y. on concrete.

Complete bids follow:

Midstate Constr. Co.,  
Fresno .....(A) \$39,423  
.....(B) 900  
.....(C) 22

Harris Constr. Co.,  
Fresno .....(A) 40,880  
.....(B) 1,011  
.....(C) 29

Trewhitt-Shields &  
Fisher, Fresno .....(A) 41,411  
.....(B) 944  
.....(C) 35

R. Hodgson & Son,  
Porterville .....(A) 41,450  
.....(B) 1,100  
.....(C) 29

L. H. Hansen & Son,  
Fresno .....(A) 41,480  
.....(B) 908  
.....(C) 20

T. C. and W. H. Irwin,  
Fresno .....(A) 43,125  
.....(B) 1,010  
.....(C) 22

R. P. Moore, Fresno .....(A) 44,000  
.....(B) 980  
.....(C) 29

Bids held under advisement.

The FWA recently allotted a grant of \$15,700 to assist in financing the project.

#### PLANNED

**SAN BERNARDINO CO., Calif.**—State of California early this month instituted condemnation proceedings in San Bernardino county superior court to obtain a tract of land south-east of Chino as the site for the proposed state prison for first offenders. The tract contains approximately 1300 acres, most of it on property owned by the American Crystal Sugar Co. The prison will have a maximum capacity of 1000 and will cost, including equipment and \$400,000 for the site, about \$8,000,000. Plans will probably be drawn by State Architect George B. McDougall, Public Works Bldg., Sacramento.

#### 14—RESIDENCES

Plans Being Figured  
RESIDENCE  
SAN JOAQUIN COUNTY, 7 mi. from Stockton.

Monterey style residence (11 rooms, 3 baths), shake shingle roof, hardwood floors, oil burner fired hot air heat, steel and wood sash,

tile showers, etc.

Owner—S. H. Hall.  
Architect—U. Cloudsley, Exchange Bldg., Stockton.

Bids are being taken from a selected list of contractors. About one week will be allowed for figuring the plans.

**Correction in Contractors Name**  
RESIDENCE Cost, \$8,500

SAN MATEO CO., Calif. Bell Monti Country Club Tr., near Belmont.

One-story frame California ranch house (tile and shake roof, hardwood floors, tile baths, gas floor furnace, etc.).

Owner—Withheld.

Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contractor—Moses Little, 2546 27th Ave., San Francisco.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each

SAN FRANCISCO. W. Alamden N Anza Street.

Two one-story frame and stucco residences.

Owner & Builder—Francisco Hgts. Bldg. Co., 1514 Larkin St.

Architect—D. E. Jaekle, 126 Post St.

**Contract Awarded**  
RESIDENCE Cost, \$.....

PIEDMONT, Alameda County, Calif. Ransom Garden.

New residence.  
Owner—Mr. Cramer

Architect—Miller and Warnecke, Financial Center Bldg., Oakland.

Contractor—Albert A. Haskell, 255 Ridgway Ave., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$9,500

BURLINGAME, San Mateo Co., Cal.

Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, gas heating system, hardwood floors, tile baths, etc.

Owner—Tom Dick, 1220 El Camino Real, Burlingame.

Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contractor—Hugo Hultberg, 29 San Mateo Dr., San Mateo.

**Contract Awarded**  
RESIDENCE Cost, \$11,000

HILLSBOROUGH, San Mateo Co., Calif.

Two-story frame and stucco residence (7 rooms, 4 baths), Monterey Colonial style, shake roof, gas heating system, hardwood floors, tile baths, etc.

Owner—Harold H. Lindsay.

Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contractor—D. Nordstrom & Co., 354

Hobart St., Oakland.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000

OAKLAND, Alameda Co., Calif.

One-story frame and stucco residence (6 rooms).

Owner & Builder—Walter Pressler, 1419 Excelsior Ave., Oakland

Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$12,000

SAN MATEO CO., Calif. Hillsborough.

Two-story frame and stucco residence (9 rooms, 3 baths), shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, garage.

Owner—Name Withheld.

Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Plans Being Figured**  
RESIDENCE Cost, \$6,000

EAST OAKLAND, Alameda Co., Cal. Best and Brookdale Avenues.

One-story frame and stucco residence (6 rooms, 1 bath), some wood siding, shake roof, automatic gas heating system, hardwood floors, tile bath, etc.

Owner—Millard C. White, 2215 50th Ave., Oakland.

Architect—A. H. Denke, 1429 Broadway, Oakland.

Plans are being figured by a selected list of contractors.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$5,000

CARMEL, Monterey Co., Calif.

One-story frame and stucco residence (2 bedrooms, living room, kitchen, dinette, one bath, hardwood floors, etc.).

Owner—Ross C. Miller, Carmel.

Architect—Not Given.

Contractor—Hugh W. Comstock, Carmel.

**Roofing, Heating, Glass and Hard-**  
RESIDENCE Cost, \$.....

CARMEL Bldg. Specialties Co., Carmel.

**Plumbing—Pacific Heating & Plumbing**  
Co., Monterey.

**Electric Wiring—Dan Searle Electric**  
Co., Monterey.

**Preparing Sketches**  
RESIDENCE Cost, \$.....

CARMEL, Monterey Co., Calif.

One-story rustic residence, built on hillside (shake roof, oak floors)

Owner—Mrs. Graham.

Architect—Milton Latham, Carmel.

**Bids In—Held Under Advisement**  
RESIDENCE Cost, \$10,000

BERKELEY, Alameda Co., Calif. Clarmont Avenue.

Two-story frame and stucco residence (7 rooms, 3 baths) shake roof, hardwood floors, tile baths, hot air gas fired heating system.

Owner—F. L. Confer, 3147 Clarmont Ave., Berkeley.

Announcement shortly.

**Bids In—Held Under Advisement**  
RESIDENCE Cost, \$.....

ORINDA, Alameda Co., Calif.

One-story frame residence (6 rooms, 1 bath), shake roof, gas hot air heating system, hardwood floors, etc.

Owner—Name Withheld.

Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

Announcement shortly.

**Bids Wanted—To Close February 8**  
RESIDENCE Cost, \$5,000

LAFAYETTE, Contra Costa County.

One-story frame and stucco residence (4 rooms), shingle roof, oil heating system, linoleum in bath, wood sash, wall board interior finish, garage.

Owner—F. M. Munson.

Architect—James H. Anderson, 3147 Clarmont Ave., Berkeley.

Following have taken out plans:

H. P. Atkinson, 127 Alvarado Road, Berkeley.

James F. Croll, 1280 Escobar St., Martinez, Calif.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$7,500

SAN FRANCISCO. W. Baker St., 132 S. Marina Blvd.

Two-story and basement frame and stucco residence.

Owner & Builder—B. Liebman, 3319 Fillmore St.

Architect—Irvin Goldstein, 1200 Oak St.

**Contract Awarded**  
ADDITION Cost, .....

CARMEL, Monterey Co., Calif.

One-room and bath addition to residence.

Owner—Mrs. Frederick Burt, Carmel

Architect—Milton Latham, Carmel.

Contractor—L. Gottfried, Box 993, Carmel.

**Owner Taking Segregated Bids**  
**RESIDENCE** Cost, \$6,000  
**CARMEL**, Monterey Co., Calif.  
 One - story rustic residence (shake roof, oak floors, central hot air-blower heating system).

**Owner—Leslie Overhulse.**  
**Architect—Milton Latham, Carmel.**  
 Contracts for the electrical and plumbing work have already been let. General contract will be awarded in about one week.  
 (1359) Last report Jan. 18, 1937. 14

**Low Bidder**  
**RESIDENCE** Cost, \$10,000  
**SAN MATEO CO.**, Calif. Burlingame Hills.

Two - story frame and stucco residence (8 rooms, 3 baths), shake roof, hardwood floors, tile baths.

**Owner—Withheld.**  
**Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.**

**Low Bidder—H. T. Holscher, 325 Elm St., San Mateo.**

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$18,000  
**SAN FRANCISCO**. Divisadero St. between Broadway and Vallejo Street.

Two - story frame and stucco residence (7 rooms, 3 baths), felt and gravel and asbestos shingle roof, gas fired heating system, hardwood floors, tile baths, etc.

**Owner & Builder—Sbarboro & Jorgensen, 207 Walnut St.**  
**Architect—John H. Ahnden, 822 39th Avenue.**

**Contract Awarded**  
**RESIDENCE** Cost, \$17,144  
**SAN MATEO CO.** Hillsborough Knolls, Lot 24.

Two - story frame and stucco residence (8 rooms, 3 baths), French Provincial style, shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, detached garage.

**Owner—Bruno Kuhe, San Mateo.**  
**Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.**

**Contractor—Suburban Builders, 1182 Market St., San Francisco.**

**Contract Awarded**  
**RESIDENCE** Cost, \$11,500  
**SAN MATEO PARK**, Warren Road.

Two - story frame and stucco residence (8 rooms, 3 baths), French Provincial style, shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, detached garage.

**Owner—Name Withheld.**  
**Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.**

**Contractor—Mooney & MacDonald, 1473 Burlingame Ave., Burlingame.**

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$50,000  
**SAN FRANCISCO**, S. Bay St., 68 ft W Leavenworth St.

Eight two-story terraced residences, terra cotta roofs, cement plaster exterior walls, brick stairs, etc.

**Owner & Builder—Bayshore Realty Co., 1182 Market St., San Francisco.**  
**Architect—H. C. Baumann, 251 Kearny St., San Francisco.**

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000-\$5,000  
**SAN FRANCISCO**, S. Ulloa Street E Laguna Honda Road.

Three one-story frame and stucco residences.

**Owner and Builder—J. V. Campbell, 849 Laguna Honda Road.**  
**Architect—Conrad T. Kett, 519 California Street.**

**Owner—Anza Home Bldg. Co., 321 Kearny Street.**  
**Architect—W. M. Gunnison, 1666 Golden Gate Avenue.**  
**Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.**

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**OAKLAND**, Alameda Co., Cal. 2410-2412 Seminary Avenue.

Two - story, frame and stucco residence and garage (10 rooms)

**Owner—M. Alder.**  
**Architect—Not Given.**  
**Contractor—Gaubert Brothers, 4737 Brookdale Ave., Oakland.**

**Sub Contracts Awarded**  
**RESIDENCE** Cont. Pr., \$14,315  
**SAN MATEO PARK**, San Mateo Co., Lot 11.

Two - story frame and stucco residence with detached frame and stucco garage.

**Owner—James Franklin, Burlingame.**  
**Architect—Wallace A. Stephen, 2025 Carmelita Ave., Burlingame.**

**Contractor—Suburban Builders, Inc., 1182 Market St., San Francisco.**  
**Plumbing—Harry Lee, 220 California Drive, Burlingame.**

**Electric—Mausser Elec. Co., 260 Lorton Ave., Burlingame.**  
**Heating—B. E. Stern Co., 241 Park Road, Burlingame.**

**Sheet Metal—Fred Heiniger, 1332 Sanchez, Burlingame.**  
**Tile Work—Benetti Tile Co., 906 N. Humboldt St., San Mateo.**

**Hardwood Floors—E. Cinnamond, 132 Arundel Road, Burlingame.**  
**Brick and Stone—Chas. E. Mills, 940 College Ave., Palo Alto.**

**Grading—L. C. Smith, 235 Third Ave., San Mateo.**  
**Lumber—San Mateo Planing Mill Co., Cor. 5th and Claremont, San Mateo.**

**Mill—F. O. Klingborg, 1600 S. El Camarino Road, San Mateo.**  
**Painting—Wm. Steele, 1569 Newlands Ave., Burlingame.**

**Lathing and Plastering—R. Hampton, 916 S. El Dorado, San Mateo.**  
**Concrete—G. Bragato & Co., 363 N. Eldorado St., San Mateo.**

**Contract Awarded**  
**RESIDENCE** Cost, \$4,000  
**SONOMA**, Sonoma Co., Calif.

One - story frame and stucco residence (4 rooms, 1 bath) part tile roof, wood sash, gas and hot air heating system, hardwood floors, tile bath.

**Owner—E. A. Delaney.**  
**Architect—D. E. Jaekle, 126 Post St., San Francisco.**  
**Contractor—Allen Bean, Sonoma.**

**Contract Awarded**  
**DUPLEX** Cost, \$12,500  
**BERKELEY**, Alameda Co., Calif.

Two - story frame and stucco duplex (6 rooms and 2 baths in each), hardwood floors, standard plumbing, gas furnace, plaster walls and ceilings, etc.

**Owner—Mr. A. de Grasse.**  
**Architect—Earl MacDonald, 3812 Broadway, Oakland.**  
**Contractor—J. Norris, 4119 Pleasant Valley Court, Oakland.**

**Contract Awarded**  
**RESIDENCE** Cost, \$ --  
**ATHERTON**, San Mateo Co., Calif.

One - story frame residence (7 rooms, 3 baths). Redwood boarding exterior. Redwood shingle roof, oak floors, wood sash, gas hot air heating system.

**Owner—Charles C. Montavne, Atherton.**  
**Architect—G. A. Dalloy, 210 Post St., San Francisco.**  
**Contractor—H. H. Larsen, 64 South Park, San Francisco.**

**Contract Awarded**  
**DUPLEX RESIDENCE** Cost, \$7,500  
**PALO ALTO**, Santa Clara Co., Calif., 211-15 Manzanita Ave.

Two - story frame and stucco duplex residence and garage.

**Owner—Emma Edmonston, 1344 Emerson St.**  
**Architect—Not Given.**  
**Contractor—Alfred Johnson, 275 Santa Rita Ave.**

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**SAN MATEO CO.**, Calif. Burlingame Hills.

Two - story frame and stucco residence (8 rooms, 3 baths), shake roof, hardwood floors, tile baths.

**Owner—Withheld.**  
**Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.**  
**Contractor—H. T. Holscher, 325 Elm St., San Mateo.**

**Contract Awarded**  
**RESIDENCE** Cost, \$4,650  
**OAKLAND**, Alameda Co., Calif. 2960 El Monte Ave.

One - story frame and stucco residence (5 rooms, 1 bath), asbestos siding, asbestos shingle roof, mezzanine prest wood floors, tile bath, hot air heating system.

**Owner—C. Wells, 1139 Harvard Rd.**  
**Architect—G. E. Ellinger, 1801 Caelterline Road, Oakland.**  
**Contractor—Clarence M. Starr, 2019 Delaware St., Berkeley.**

**Bids In—Under Advertisment**  
**RESIDENCE** Cost, \$ --  
**OAKLAND**, Alameda Co., Cal. Montclair Estate.

New residence.  
**Owner—Withheld.**  
**Architect—Miller and Warnecke, Financial Center Bldg., Oakland.**

**Plans Being Figured—To Close Feb. 10th, 12 Noon**  
**RESIDENCE** Cost, \$10,000  
**WOODSIDE**, San Mateo Co., Calif.

Two - story frame and stucco residence (8 rooms, 3 baths) tile and composition roof, oil burning hot air heating system, hardwood floors, tile baths, etc.

**Owner—Withheld.**  
**Architect—Edward Eames, 216 Pine St., San Francisco.**

Following have taken out plans:  
**Miller & McGillis, 444 Geary Blvd.**  
**Moore & Roberts, 693 Mission St.**  
**Both of San Francisco.**

**Completing Plans**  
**RESIDENCE** Cost, \$5,200  
**RICHMOND**, Contra Costa Co., Cal. Richmond Annex.

One - story frame and stucco residence (hardwood floors, shake roof, tile baths, central gas heating system).

**Owner—A. Vanuel, care architect.**  
**Architect—Kath. Narbett and Irving Brown, 462 3rd Ave., Richmond.**  
 Bids will be asked in a few days.

**Bids Rejected**  
**RESIDENCE** Cost, \$ --  
**ORINDA**, Alameda Co., Calif.

One - story frame residence (6 rooms, 1 bath) shingle roof, gas hot air heating system, hardwood floors.

**Owner—Withheld.**  
**Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.**

Plans are being revised and new bids will be asked shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND**, Alameda Co., Cal. 1657 Trestle Glen Road

Two - story frame and stucco residence (six rooms).  
**Owner—Albert E. Shepard, 501 Carmel Ave., Albany.**  
**Architect—Not Given.**

Contractor—E. W. Alder, 414 Le St., Oakland. 1

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$7,000  
BERKELEY, Alameda Co., Calif. 398  
Vassar Avenue.

Two - story frame and stucco residence (6 rooms) and garage.  
Owner and Builder—J. A. Bischoff, 2717 Russell St., Berkeley.  
Architect—Not Given.

Roofing—W. L. and W. C. Rideout, 643 Pacific Ave., Alameda.

Plumbing—Ambrose Bros, 1050 Harrison St., San Leandro.

Heating and Sheet Metal—Atlas Htg. Co., 557 4th St., San Francisco.

Title—Rigney Title Co., 3012 Harris St., Oakland.

Glass—East Bay Glass Co., 621 6th St., Oakland.

Window Shades—Osgood, 565 16th St., Oakland.

Hardwood Floors—Fred Pierce, 2851 23rd Ave., Oakland.

Grading, Foundations and Concrete—Schnoor Bros., 6016 Claremont Ave., Oakland.

Lumber and Mill Work—Loop Lumber Co., 2001 Broadway, Alameda.

Painting—John Eichner, 960 53rd St., Oakland.

Lathing & Plastering—Murphy Bros., 4925 Daisy St., Oakland.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000 ea.  
BERKELEY, Alameda Co., Cal. 2585  
and 2583 Virginia Street.

Two 2-story frame and stucco residences (5 rooms each).

Owner and Builder—S. M. Shapero, 2581 Virginia St., Berkeley.

Architect—J. E. Anthony, 2014 Shattuck Ave., Berkeley.

**Completing Working Drawings.**  
RESIDENCE Cost, \$6000  
NEEDLES, San Bernardino Co., Cal.

One-story frame & stucco residence, (6 rooms) modern style, composition roof, steel sash, air conditioning system, gas fired heating system, hardwood floors, tile baths.

Owner—J. A. Ward, % Architect.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.

**Owner Taking Figures.**  
RESIDENCE Cost, \$4000  
PETALUMA, Sonoma Co., Calif.

One-story frame and stucco residence (4 rooms), shingle roof, gas and hot air heating system, hardwood floors, tile bath, etc.

Owner—M. Pearson, Petaluma.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.

**15 — SCHOOLS**

**Bids Wanted — To Close February 24, 11 A. M.**  
GYM & POOL Cost, \$287,000  
DAVIS, Yolo Co., Calif. College of Agriculture.

Class A reinforced concrete and steel gymnasium and enclosed swimming pool.

Owner—Regents of the University of California.  
Architect—Wm. Hays, Crocker First National Bank Bldg., San Francisco.

Mechanical Engineer — T. J. Janes, University of California.

Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco.

Bids will be taken as follows:

(1) General Construction;  
(2) Heating and Ventilating.  
(3) Plumbing.

(4) Electric.  
Plans and specifications may be obtained from the Cashier's Office in the Controller's Office, University of California Campus, Berkeley, and from the Controller's office at the

Davis College of Agriculture, at Davis, upon deposit of \$100. Bids will be received at the Controller's office, University of California Campus, Berkeley.

**BIDS AWANTED**  
MONROVIA, Los Angeles Co., Cal.—Until February 11, 7 P. M., bids will be received by the Monrovia City School District for construction of a one-story frame classroom building at the Huntington elementary school in Monrovia, a PWA project. Plans and specifications may be obtained from the architect, Robert M. Finlayson, 218 Central Bldg., Monrovia, upon deposit of \$25.00.

**Low Bidders**  
SCHOOL Cost, \$120,000  
LINDSAY, Tulare Co., Cal. One-story reinforced concrete junior high school building.  
Owner—Lindsay High School District (M. A. Jeny, Clerk).  
Architect—H. L. Gogerty, 6272 Yuca Blvd., Hollywood.

Low bidder—R. P. Moore, 3662 Verdugo Ave., Fresno.  
The three low bids follow:  
R. P. Moore, Fresno.....\$119,871  
Trehwitt-Shields & Fisher, Fresno.....119,900  
W. J. Ochs, Fresno.....121,870

Complete bids and alternates will be published shortly. The contract of \$52,000 was approved by the PWA recently.

**Sub Contracts Awarded**  
GYM & AUDITORIUM  
Contract Price, \$29,175  
One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers and toilets).

Owner—Surprise Valley Union High School District, Cedarville, Modoc Co., Calif.  
Architect—Howard Kern, 2067 Underwood Bldg., Klamath Falls, Oregon.  
Contractor—M. W. Cherry, 1829 Lakeview St., Klamath Falls, Oregon.  
Plumbing, Heating & Sheet Metal—G. Morley, Klamath Falls, Ore.  
Electric Wiring—Calik-Witt Co., Alturas, Calif.  
Lumber—Chapman Lumber Co.  
Mill Work & Glass—Spaulding Lumber Co., Portland, Ore.  
Painting—J. H. Fikes, Klamath Falls, Ore.  
Lathing & Plastering—Chas. Thomas, Klamath Falls, Ore.

**Planned**  
SWIMMING POOL Cost, \$150,000  
SEATTLE, Washington. University of Washington.  
New swimming pool.  
Owner—University of Washington.  
Architect—Not Selected.  
Ray Eckmann, director of athletics at University of Washington, announces that federal funds will be sought to finance construction of swimming pool.

**Planned**  
SUB-BIDS WANTED  
AVENAL, Kings Co., Calif.—Geo. Y. Maurer Co., 50 York Drive, Piedmont, desires sub-bids on all portions of the work for the construction of the Avenal branch of the Letterson Union High School, for which bids will be opened February 6, 2 P. M. Plans prepared by Architects W. H. and Harold H. Weeks, San Francisco.

**BIDS WANTED**  
EL SEGUNDO, Los Angeles Co., Cal.—Until February 23, 7:30 P. M., bids will be received by the El Segundo School District for the construction of a new reinforced concrete kindergarten unit at El Segundo elementary school. Plans will be ready for distribution Feb. 5 or 6 and may be obtained from the architect, Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, upon deposit of \$10.

**LOW BIDDER**  
LOS ANGELES, Cal.—S. Hannon 2187 Vallejo St., Los Angeles, at \$10-489 submitted low bid to the Los Angeles board of education for a one-story frame shop building to be erected at the Eagle Rock high school, 1750 Yosemite Drive, Eagle Rock District.  
A. S. Nibecker, Jr., architect 5

**Sub-Contracts Awarded**  
SHOWER & LOCKER ROOMS  
Contract Price, \$11,242  
MODESTO, Stanislaus County, Cal. (Roosevelt School).  
One - story frame and stucco girls' shower and locker room building (50x70 feet) reinforced concrete foundations and floors, composition roofing, cement plaster.  
Owner—Modesto City Board of Education (E. Abbott, Secretary).  
Architect—John J. Donovan, 850 Parker St., Berkeley.  
Contractor—George Roek, 830 North Pacific Avenue, P. O. Box 783, Stockton.  
Grading, Foundations and Concrete—A. Kaufmann, 803 First St., Modesto.  
Lumber — United Lumber Co., 430 Tenth St., Modesto.  
Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.  
Hardware and Reinforcing Steel—Turner Hardware Co., Modesto.

**LOW BIDDER**  
LOS ANGELES, Cal.—George Mitty, 122 S. Avenue 20, submitted the low bid to the Los Angeles board of education at \$45,456, for a new reinforced concrete shop building to be erected at the Verdugo Road district junior high school, 3010 Estara Ave., Eagle Rock district. Architect Edwin Berstrom; Structural Engineer Laurence J. Waller; Mechanical Engineer Ellingwood and Roy C. Mitchell, consulting engineer. 5

**BIDS WANTED**  
TUCSON, Ariz.—Until 11 A. M., February 15, bids will be received by the University of Arizona, at the office of Architect Roy Place, 11 E. Pennington St., Tucson, for the construction of a women's dormitory building, Unit B, on the university campus in Tucson, a PWA project. Plans and specifications may be obtained from the architect upon deposit of \$25. Certified check for 5% of bid amount must accompany each bid. The building will be a three-story structure with brick walls, face brick exterior, terra cotta trim, tile roof, copper gutters, steel sash, structural steel, ornamental metal, metal trim, tiled toilet rooms, showers, baths and laundry rooms, steel doors and partitions, linoleum floor covering, automatic electric elevator, steam heat, kitchen equipment, furniture, etc. A contract for Unit A, similar in size and construction to Unit B, was recently awarded to the Jay J. Gardfield Building Co. at \$233,000.

**SUB-CONTRACTS AWARDED**  
SAN FRANCISCO.—De Luca and Son, Inc., 1745 Filbert Street, contractor for the general construction on the auditorium for the Visitation Valley School, to be erected on city property owned by Schwerin St. between Oakland and Visitation Avenues, has let the following sub-contracts.  
Plans prepared by Architects Hyman and Appleton, 68 Post St., and

G. Albert Lansburgh, 321 Bush St.:  
General Construction  
Reinforcing Steel—W. S. Wetenhall  
Co., 17th and Wisconsin Streets,  
\$5,620.

Iron Work—Star Ornamental Iron  
Works, 227 Bay St., \$665.

Sheet Metal—Morrison & Co., 74 Du-  
bois Ave., \$497.

Roofing—J. W. Bender Roofing and  
Faving Co., 1999 Bryant Street,  
\$377.

Mill Work—Anderson Bros., Quint  
and Custer Sts., \$1,325.

Maple Floors—Aetna Hdw. Floor Co  
951 Buchanan St., \$826.

Folding Partition—Chas. Christen-  
son Co., \$348.69.

Glass—W. P. Fuller & Co., 301 Mis-  
sion Street, \$221.

Blackboards—Rucker—Fuller Co., 539  
Market St., \$224.

Plastering—MacGrone & Co., \$3,350.  
Shades—D. N. & E. Walter Co., 562  
Mission St., \$366.35.

Hardware—Marshall—Newell Co.,  
Spear and Mission Sts., \$968.20.

Painting—Lee Dixon, 18 Eureka St.,  
\$930.

Magnesite Shapes—National Kella-  
stone Co., Mills Tower, \$378.

Stage Equipment—The Gill-Mann Co  
\$517.30.

Window Hardware—Dalmo Sa les  
Corp., 511 Harrison St., \$297.

Steelforms—Concrete Engr. Co., 1280  
Indiana St., \$852.

Mechanical Equipment and Plumbing  
Automatic Temperature Control —  
Johnson Service, Rialto Build-  
ing, \$377.

Electric Work  
Clock & Buzzes—Intentional Bus-  
ness Machine Corp., \$69.50.

SCHOOL Cost, \$75,000  
BELLINGHAM, Washington.

Concrete school building (12 class-  
rooms), cafeteria, library, gym-  
nasium and auditorium.

Owner—Meridian School District,  
Bellingham Rural.

Architect—Leonard W. Bindon, Med-  
ical Bldg., Holly and Cornwall,  
Wash.

Meridian School District has passed  
bond proposal for construction of  
school.

BIDS WANTED  
MONROVIA, Los Angeles Co., Cal.

—Until February 11, 7 P. M., bids  
will be received by the Monrovia City  
School District for the construction of  
a one-story classroom building at the  
Huntington elementary school in  
Monrovia, a PWA project. Plans and  
specifications may be obtained from  
the Architect, R. M. Finlayson, 218  
Central Building, Monrovia, upon  
deposit of \$25. Manley W. Sahlborg,  
Los Angeles, structural engineer.

Plans Approved  
SCHOOL Cost, \$80,000  
GRANDVIEW, Washington.

New two-story frame and concrete  
high school building (7 class-  
rooms) offices, vaults, gymnasium,  
bookrooms, toilets, steam  
heating plant.

Owner—Grandview Consolidated Sch.  
District (R. L. Dailey, Secty.)

Architect—John W. Mahoney, Larson  
Bldg., Yakima.

Plans have been approved by the  
PWA and an early bid call is ex-  
pected

16—BANKS, STORES AND  
OFFICES

Completing Plans  
ALTER STORE Cost, \$....  
SANTA ROSA, Sonoma Co., Calif.

Hahmann Bldg., 4th St.

Alter Ladies' Apparel Store in Hah-  
mann Bldg.

LINDSAY — JUNIOR HIGH SCHOOL — DISTRICT

SCHOOL Cost, \$120,000  
LINDSAY, Tulare Co., Calif.

One-story reinforced concrete junior  
high school building.

Owner—Lindsay High School Dist-  
rict (M. A. Jenry, Clerk).

Architect—H. L. Gogarty, 6272 Yuca-  
ba Blvd., Hollywood.

Low Bidder—R. P. Moore, 3662 Ver-  
rue Ave., Fresno.

Alternate bids were taken as fol-  
lows:

(1) Omit public sidewalks & curbs;  
(2) Brick walks in place of cement  
walks;

(3) Wood toilet compartments in  
place of marble;

(4) Omit Kalamein doors;

(5) Omit screens;

(6) Omit Venetian blinds;

(7) Comp. blackboards in place of  
kind specified;

(8) Electric service to exist. bldg.;

(9) Omit border lights;

(10) Omit projection switchboard.  
Complete total bids follow:

(A) R. P. Moore, Fresno, \$119,877.

(B) Trewhitt-Shields & Fisher, Fresno,  
\$119,900.

(C) W. J. Ochs, Fresno, \$121,870.

(D) J. R. Lippincott, Los Angeles,  
\$125,621.

(E) Opperman & Co., Bakersfield,  
\$127,500.

(F) Midstate Const. Co., Fresno,  
\$127,745.

(G) R. Hodgson & Sons, Porterville,  
\$128,217.

(H) L. F. Dow Co., Los Angeles,  
\$147,777.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1065	\$ 890	\$1282	\$ 820	\$3090	\$1400	\$1250	\$1670
(2).....		130	598		400			
(3).....	235	360	270	330	225	200	330	300
(4).....	287	280	212	210	200	150	300	500
(5).....	1900	1950	2009	1900	2000	1750	250	2300
(6).....	1396	1400	1470	1410	1500	1500	1500	1450
(7).....	175	250	174	250	150	175	150	200
(8).....	1130	1200	1317	1130	1243	1200	1150	1200
(9).....	503	600	636	500	500	500	600	550
(10).....	430	400	431	440	440	500	590	600

A grant of \$52,000 was approved by  
the PWA recently.

(773) 1st report Oct. 12; 4th, Feb. 3, 1937.

Owner—Mrs. Hahmann, care Archi-  
tect.

Architect—Clarence Caulkins, Ros-  
enberg Bldg., Santa Rosa.

Bids will be asked shortly.

CONTRACT AWARDED  
LOS ANGELES, Cal.—Otis Elevator  
Co., 300 E 9th St., awarded con-  
tract for installing six additional  
escalators in the department store  
building at 8th St. and Broadway

for the May Co. J. V. McNeil Co.,  
5860 Avalon Blvd., has the contract  
for the necessary alterations to the  
building in connection with the in-  
stallation of the new escalators.  
Cost, \$250,000. Plans prepared by  
Architect Albert C. Martin, 233 Hig-  
gins Bldg.

Correction in Estimated Cost  
TERMINAL BLDG. Est. Cost, \$125,000  
YERBA BUENA SHOALS. Site of  
the 1939 World's Fair.

One-story wood frame ferry termi-  
nal building with a concrete under-  
pass and wooden bridge; por-  
tion of building to be erected on  
wood planking of existing ferry  
slip wharf, piling and founda-  
tions for remainder of building  
included in contract.

Owner—San Francisco Bay Exposi-  
tion, Inc. (Leland W. Cutler,  
President), 555 Bush St., San  
Francisco.

Architect—San Francisco Bay Exposi-  
tion Architectural Commission,  
545 Bush St., San Francisco.

Bids are being received until Feb-  
ruary 11, 3 P. M., at the Public Utili-  
ties Commission, Room 281, City Hall.

(7) Comp. blackboards in place of  
kind specified;

(8) Electric service to exist. bldg.;

(9) Omit border lights;

(10) Omit projection switchboard.  
Complete total bids follow:

(A) R. P. Moore, Fresno, \$119,877.

(B) Trewhitt-Shields & Fisher, Fresno,  
\$119,900.

(C) W. J. Ochs, Fresno, \$121,870.

(D) J. R. Lippincott, Los Angeles,  
\$125,621.

(E) Opperman & Co., Bakersfield,  
\$127,500.

(F) Midstate Const. Co., Fresno,  
\$127,745.

(G) R. Hodgson & Sons, Porterville,  
\$128,217.

(H) L. F. Dow Co., Los Angeles,  
\$147,777.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$1065	\$ 890	\$1282	\$ 820	\$3090	\$1400	\$1250	\$1670
(2).....		130	598		400			
(3).....	235	360	270	330	225	200	330	300
(4).....	287	280	212	210	200	150	300	500
(5).....	1900	1950	2009	1900	2000	1750	250	2300
(6).....	1396	1400	1470	1410	1500	1500	1500	1450
(7).....	175	250	174	250	150	175	150	200
(8).....	1130	1200	1317	1130	1243	1200	1150	1200
(9).....	503	600	636	500	500	500	600	550
(10).....	430	400	431	440	440	500	590	600

Plans by Engineering Department of  
Owner.

Contractor—MacDonald & Kahn Co.,  
Ltd., 200 Financial Center Bldg.,  
San Francisco.

Roofing—Sacramento Roofing Co.,  
12th and North "B" Sts., Sacra-  
mento.

Plumbing, Heating and Sheet Metal  
—M. R. Carpenter, 907 Front St.,  
Sacramento.

Glass—W. P. Fuller & Co., 1013 12th  
St., Sacramento.

Lathing and Plastering—T. Scolian,  
2919 T St., Sacramento.

Elevators—Otis Elevator Co., 1506 J  
St., Sacramento.

Bids Wanted — To Close February  
11, 3 P. M.

TERMINAL BLDG. Cost, \$175,000  
YERBA BUENA SHOALS. Site of  
the 1939 World's Fair.

One-story wood frame ferry termi-  
nal building with a concrete under-  
pass and wooden bridge; por-  
tion of building to be erected on  
wood planking of existing ferry  
slip wharf, piling and founda-  
tions for remainder of building  
included in contract.

Owner—San Francisco Bay Exposi-  
tion, Inc. (Leland W. Cutler,  
President), 555 Bush St., San  
Francisco.

Architect—San Francisco Bay Exposi-  
tion Architectural Commission,  
545 Bush St., San Francisco.

Bids will be received at the Public  
Utilities Commission, Room 281,  
City Hall.

Announcement will be made shortly  
as to when and where plans and  
specifications will be available.

Contract Awarded  
REHABILITATION Cost, \$....  
PALO ALTO, Santa Clara Co., Cal.

174 University Avenue.  
Rehabilitation of E. C. Thoits Bldg.  
Owner—Aitcs Brothers.

Architect—Erge M. and David B.  
Clerk, 310 University Ave., Palo  
Alto.

Contractor—W. P. Goodenough, 49  
Wells Ave., Palo Alto.

(1030) 1st report Nov. 17; 4th, Jan.  
26, 1937.

Sub-Contracts Awarded  
RECONSTRUCTION Cost, \$15,000  
SACRAMENTO, Sacramento Co., Cal.

718 "K" Street.  
Reconstruction of the third floor and  
repair of first and second floors to  
building recently damaged by  
fire

Owner—F. W. Woolworth Co., Fi-

Sub Contracts Awarded  
MARKET BLDG. Cost, \$26,000  
LODI, San Joaquin Co., Calif. South  
School Street.

Modern market building (pressed  
brick walls and piers).

Owner—John Krause and R. J. Deese,  
Lodi.

Architect—Victor Balbraith, 221 Acacia  
St., Stockton.

Contractor—Hieb Bros., 425 N. Sacra-  
mento St., Lodi.

Roofing—El Rey Roofing Co.

Electric Wiring—Herman Gemar,  
Lodi.

Tile, Brick and Stone Work—Ray  
Sturm, 225 N. Locust St., Stockton.

Glass—Valley Glass Co., 702 S. Joa-  
quin St., Stockton.

Iron Grille Work—Siller Iron Works  
Grading & Foundations and Concrete  
—H. I. Martin, 333 Chery St.,  
Lodi.

Lumber and Steel Rolling Doors—  
John Krause Lbr. Co., Lodi.

Owner Taking Bids  
ALTERATIONS Cost, \$.....  
SAN FRANCISCO, 1017 Market St.  
New store front and alterations and  
improvements to interior.

Owner—Union Furniture Store, 1017  
Market Street.

Architect—S. Chas. Lee, 25 Taylor St.

Bids In—Held Unopened  
ALTER ELEVATORS Cost, \$15,000  
SAN FRANCISCO, Hobart Building  
582 Market Street.

Alter elevator fronts throughout the  
building.

Owner—Hobart Estate Co., Balfour  
Building.

Architect—Bliss & Fairweather, Bal-  
boa Building.

Bids will be opened shortly in the  
office of the owner's attorney.

Bids In—Held Under Adjudement.  
ALTER STORE Cost, \$.....  
SAN FRANCISCO, 86 Second St.  
Alterations to store building.

Owner—Bothin Real Estate Co., 604  
Mission Street.

Architect—Angus McSweeney, 604  
Mission Street.

Announcement shortly.

Contract Awarded  
ALTERATIONS Cost, \$5,000  
MODESTO, Stanislaus Co., Cal. 1010  
Ninth Street.

Remodeling one-story brick building  
(new offices, new display rooms,  
etc.).

Owner—Chevrolet Motor Co.

Architect—G. N. Hilburn, 1213 I St.,  
Modesto.

Contractor—Wendell Thompson, 436  
James St., Modesto.

Low Bidder  
ALTER STORE Cost, \$.....  
SAN FRANCISCO, 86 Second St.  
Alterations to store building.

Owner—Bothin Real Estate Co., 604  
Mission Street.

Architect—ANGUS MCSWEENEY, 604  
Mission Street

Low Bidder—A. F. Matlock Co., 212  
Clara Street

Announcement shortly.

Contract Awarded  
STORE BLDG. Cost, \$10,000  
SAN FRANCISCO, NW 21st Ave.  
and Irving St.

One-story store building.

Owner—E. Pisani, 349 Bush Street.

Plans by H. J. Root, 1392 Page St.  
Contractor—Moore and Roberts, 493  
Mission Street.

Plans Being Completed  
BANK Cost, \$50,000  
SACRAMENTO, Sacramento Co., Cal.  
Tenth St., between J and K Sts.

One-story reinforced concrete bank  
building (polished granite base  
on exterior, bronze window and  
door trimmings).

Owner—American Trust Co., 464  
California St., San Francisco.

Architect—Harry J. Devine, Cronan  
Bldg., Sacramento.

A call for bids will be issued in

about one week.

Contract Awarded  
ALTER STORE Cost, \$5,000  
BERKELEY, Alameda County, Cal.  
Shattuck Square.

Alterations in shoe salon of Roos  
Bros. store.

Owner—Roos Bros., Inc. (Col. Roht  
A. Roos, Pres.)

Architect—Albert R. Williams, 251  
Post St., San Francisco.

Contractor—S. Kulehar and Co., 731  
E 10th St.

Contract Awarded.  
ALTER OFFICE Cost, \$5,000  
SAN FRANCISCO, 2601 Newhall St.  
Alter office

Owner—General Brewing Corp., 2601  
Newhall Street.

Architect—Frederick Meyer, Kohl  
Bldg., San Francisco.

Contractor—Cahill Bros., 206 San-  
some Street.

## 17— THEATRES

### CONTRACT AWARDED

BRAWLEY, Imperial Co., Calif.—  
Cullison-Hastings, Ltd., 1150 N. Las  
Palmas Ave., Los Angeles, awarded

general contract for the erection of  
a reinforced concrete theatre and  
store building on Main St., Brawley,  
for Principal Theatres, Inc., 1825 S.  
Vermont Ave., Los Angeles. Items  
not included in the general contract,  
and for which the owners will take  
bids, are electric wiring and fixtures,  
air conditioning, marquee and ver-  
tical signs and decorating. Archi-  
tect C. A. Balch, Los Angeles.

## 18— WHARVES & DOCKS

### BIDS WANTED

SAN FRANCISCO—Until Febru-  
ary 11, 2 p.m., bids will be received  
by the Board of State Harbor Com-  
missioners, Frank G. White, Chief  
Engineer, Ferry Bldg., for wrecking  
and removing and for cleaning and  
sandblasting portions of shed and  
bulkhead building for Pier 46, re-  
cently damaged by fire.

It will be taken under two sepa-  
rate contracts as follows:

Contract "A"—Wrecking and remov-  
ing parts of the shed and bulk-  
head building.

Contract "B"—Cleaning and sand-  
blasting the interior and frame-  
work of parts of the shed and  
bulkhead building.

Plans and specifications for the  
work covered in Contracts A and B  
may be obtained at Room 15, Ferry  
Bldg., upon deposit of \$10.

It is estimated that about 75% of  
the bulkhead building and 50% of  
the shed building were destroyed by  
the fire. Total damage was estimat-  
ed at approximately \$150,000. Bids  
for the reconstruction of the two  
buildings will be asked as soon as  
plans and specifications are com-  
pleted.

### TO ALK BIDS SHORTLY

REDWOOD CITY, San Mateo Co.,  
Cal.—A call for bids will be issued  
by the Redwood City City Council  
about February 15, to be opened  
March 1 (tentative date) for con-  
struction of certain facilities at Red-  
wood City Harbor, including water  
mains, paving area around wharf,  
constructing a railway leading to the

wharf, electric lighting, automatic  
sprinklers and sprinkler system, and  
building offices within the transit  
shed now under construction.

Contract for construction of a 450-  
foot timber wharf and transit shed  
was recently awarded to Healy-Thib-  
bits Const. Co., 64 Pine Street, San  
Francisco, at \$93,472.

Chas. L. Dimmitt, City Engineer.

## LOW BIDDERS

PORTLAND, Oregon.—Hoffman  
Const. Co., 715 S. W. Columbia, Port-  
land, at \$31,600 submitted the lowest  
basic bid received by the Portland  
City Commission of Public Docks,  
Philip H. Carroll, Executive Secre-  
tary, for reconstruction and improve-  
ment of Municipal Terminal No. 1, a  
PWA project.

Work consists of construction of  
a new warehouse (200x256 ft.); wid-  
ening of the quay dock 40 ft.; recon-  
struction of Pier A platform; con-  
structing an open dock (325x350 ft.);  
concrete retaining walls; earth fills;  
pile driving; installing railroad tracks  
electric wiring; sprinkling system;  
asphalt paving.

The three low basic bids follow:  
Hoffman Const. Co., Port-  
land.....\$31,600  
Geo. H. Buckler, Portland.....\$39,556  
Parker Schram Co., Portland, 917,000.

The city has \$769,925 available for  
construction. Deductions will be  
made for five alternates and a con-  
tract awarded February 4.

Complete bids will be published  
shortly.

L. D. Merrill, engineer of public  
docks.

## 19—MISC. CONSTRUCTION

### BIDS WANTED

SAN FRANCISCO—Until Feb. 12,  
3 P. M., bids will be received by the  
U. S. Engineer Office, Lieut.-Col. J.  
A. Dors, District Engineer, 401 Custom  
House, under Bid No. 868-37-  
19, for drydocking, painting and re-  
pairing the U. S. Seagong Hopper  
Dredge "A. Mackenzie."

Specifications obtainable from the  
above office.

Contract Awarded.  
ABBATOIR Cost, \$30,000

VALLEJO, Solano Co., Calif.

Two-story steel and reinf. concrete  
abattoir (60x145-ft.) insulation

walls for coolers, plumbing, electric  
wiring, heating, refrigeration

Owner—Solano Meat Company.

Engineer—James Smith, 251 Kearny  
St., San Francisco.

Contractor—David Paganini, 617  
Montgomery St., San Francisco.

LOS ANGELES, Calif.—A J. Bar-  
clay, construction superintendent, 726  
N. Alameda St., is completing work-  
ing drawings and will take general  
contract bids, probably within 30  
days for the new union passenger  
terminal to be built on the east side  
of Alameda St., between Aliso and  
Clare Sts., for the Santa Fe Union  
Pacific and Southern Pacific rail-  
roads. It has not yet been decided  
whether the mechanical trades will  
be included in the general contract.  
The terminal will consist of a group  
of buildings with a total frontage of  
500 feet on Alameda Street and a  
depth of 290 feet, the main floor area  
to total about 120,000 square feet.  
Included in the group will be an office  
and administration unit, two  
stories and basement, 50 x 95 feet in  
area, with reinforced concrete walls  
and floor, steel truss roof and  
tile roof and steel shaft. There will  
be a main concourse and entrance  
lobby, one-story and basement gar-  
age 51 x 205 feet in area and 68  
feet high, with structural steel frame  
and trusses, three and one-half foot



hollow concrete walls, wood and tile roof, ornamental staff work, special steel sash and doors, etc. There will also be a dining room and kitchen under the story and basement garage, 84 x 182 feet in area, to conform in construction to the main concourse. The main waiting room, to be located back of the entrance lobby, will be one story and basement garage, 84x 190 feet in area and 60 feet high, and will be of the same construction as the main concourse. A reinforced concrete tower, 30 feet square and 130 feet high, will also be built. Back of the buildings described will be the train concourse and baggage and express buildings, covering a total area of 1575x110 feet. These structures will be two and three stories in height and will have reinforced concrete walls and floors, steel trusses, wood and composition roofs, steel sash, etc. A large area will be devoted to arcades with concrete walls and wood and tile roofs. Equipment and interior finish will include one elevator, ventilating and heating equipment, tile floors, decorative tile, steel doors and fire doors, etc. Foundations and parts of the superstructures for the train concourse and baggage and express buildings have already been constructed by the owners. Excavation for the main buildings has also been completed. Plans for the interior of the express building have been prepared by the Railway Express Agency, 85 Second St., San Francisco, and bids for this part of the work will be taken by the express company later. Cost of the buildings and concourses will amount to between \$2,000,000 and \$3,000,000. John and Donald B. Parkinson, 808 Title Insurance Bldg., are consulting architects.

**Contract Awarded**  
LAUNDRY Cost, \$6,500  
SAN FRANCISCO, N McAllister St., 100 W Lyon St.

Two-story frame laundry building  
Owner—Chas. Camou, 1927 McAllister St.

Architect—Not Given  
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave.

#### PLANS APPROVED

LOS ANGELES, Calif.—Swift & Co., Chicago, have had plans prepared by their engineering department in Chicago for a new \$1,000,000 packing plant to be built at the company's headquarters in Los Angeles, located at 3750 Jewel Ave. The plans have been approved by the Bureau of Animal Industry, Washington, D. C., and it is proposed to start construction early this summer. Competitive bids for the erection of the plant, which will replace the buildings now in use at First St. and Santa Fe Ave., will be taken locally. Swift & Company recently awarded a contract to Robert E. Millsap for a \$100,000 addition to their refinery at 3750 Jewel Ave.

#### CONTRACT AWARDED

EUREKA, Humboldt Co., Calif.—F. Breeden, Eureka, with an offer to pay the Government \$2,650, submitted the bid and was awarded the contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-37-151, for the sale of government property (buildings, supplies, tools, equipment, etc.) located at the U. S. Engineer camp sites at the inner ends of the north and south jetties of the entrance to Humboldt Bay, near Eureka.

Complete bids follow:  
F. Breeden, Eureka, to pay Government \$2,650.  
W. Bauer, San Francisco, Government to pay \$250.

M. Lafleur, San Francisco, Government to pay \$500.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., Slauson and Eastern Aves., February 1 was awarded a contract by the Los Angeles Union Passenger Terminal for furnishing and erecting over 1000 tons of structural steel for the new union passenger terminal under construction on the east side of Alameda Street between Macy and Aliso Streets, for the Santa Fe, Union Pacific and Southern Pacific railroads. As previously reported, plans for the terminal buildings will probably be ready for general contract bids within 30 days.

#### BIDS WANTED

SACRAMENTO.—Until February 16, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-164, for dry-docking, painting and repairing the U. S. Engineer Department 20" pipeline dredge "San Joaquin".

Specifications obtainable from the above office.

#### Bids In—Held Under Advisement

SWIMMING POOL Cost, \$—  
HILLSBOROUGH, San Mateo Co., Calif., The Carolands.  
Swimming pool, bath house and alterations to guest house and barbecue house.  
Owner—Walter Foster, 6% Architect  
Architect—Angus McSweeney, 604 Mission Street.  
Announcement shortly.

**Contract Awarded.**  
RESERVOIR ROOF Cost, \$7700  
PETALUMA, Sonoma Co., Calif. Oak Hill.

Replacement of roof on Oak Hill reservoir.  
Owner—California Water Service Co., Federal Reserve Bank Bldg.  
Plans by Engr. Dept. of Owner.  
Contractor—Vogensen Const. Co., 100 Washington St., Petaluma.

## 20—MISC. SUPPLIES AND MATERIALS

#### BIDS OPENED

VALLEJO, Solano Co., Cal.—S. L. Key, 1262 7th St., Berkeley, submitted the only qualified bid received by the Vallejo City Council, Alf. E. Edgcombe, City Clerk for the sale of pipe removed from Gordon Valley water supply pipe line.

- The bid follows:
- 2,019 lb. random lengths, 24-inch continuous welded steel pipe 3" 16-in. thick, \$9,505;
  - 2,564 lb. random lengths, 24-inch continuous welded steel pipe, 1 1/2-inch thick, \$8,515;
  - 73 lb. 22-in. pipe, 22-in. dia. 3/16 inch thick, \$8,256.
  - Miscellaneous lot of pipe, total length 96 ft., \$1910.  
Bid referred to City Engineer T. D. Kibbony.

#### BIDS OPENED

SAN FRANCISCO—Miscellaneous Monumental Works, 1865 Mission St., at \$60 per month submitted low bid to the Department Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3297, for the rental of stone cutting tools and the equipment to be used at the premises of the contractor by men assigned by the WPA Co-ordinated Art Project.  
Sunset Monumental Works, at \$100 per month, submitted the only other

#### CONTRACT AWARDED

LOS ANGELES.—Consolidated Steel Corp., 6500 E. Slauson Ave., was awarded the contract by the U. S. Engineer Office, at \$15,575.50, for furnishing approximately 215,000 lbs. fabricated steel and other metal work incidental to the steel framework in the floor system of the Brand Blvd. bridge (west unit), under Circ. Prop. 249.

#### BIDS OPENED

LOS ANGELES—Lumber Processing Co., 814 Crocker Bldg., San Francisco, submitted low bid to the U. S. Forest Service February 1 for furnishing 260 bundles treated red cedar shingles under Bid No. 1523-A. The bids were:

Lumber Processing Co., \$175 bdl. (total, \$455), f.o.b. San Francisco; \$225 bdl. (total, \$585), f.o.b. job site; discount 2%; 20 days; 1%; 30 days.  
Hammond Lumber Co., \$325 bdl. (total, \$845), f.o.b. plant or job site; discount 5%; 30 days.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—S. Morgau Smith Co., was awarded the contract by the State of California Water Power Commission, at \$5690 for furnishing hydraulically operated rotary plug type valves, PWA Docket 1929-F, Unit No. 53. Spec. X-87.

#### CONTRACT AWARDED

CONCHAS DAM, N. M.—General Electric Co., Schenectady, N. Y., was awarded the contract by the U. S. Engineer, Conchas Dam, N. M., at \$1710 for furnishing switchboard panels under Cir. No. 69. The other bids were:  
Square D Co., Los Angeles, \$1710.  
Mitt & Smelter Supply Co., El Paso, \$2950.  
Roller-Smith Co., Bethlehem, Pa., \$2158; alternate bids, \$1976 and \$1932.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Western Pipe & Steel Co., at \$14,597 awarded contract by the Los Angeles Water & Power Commission, for furnishing structural steel switch rack, etc., Specifications 2175.

#### BIDS OPENED

SACRAMENTO, Calif.—Following bids received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-162, for furnishing 18,532 FBM Douglas fir lumber, job Rio Vista:

Woodland Lumber Co., Woodland, \$6182; delivery in 7 days; discount 2%; 30 days.  
Friend & Terry Lumber Co., Sacramento; \$6221.5; delivery in 5 days; discount, 2%; 30 days.  
Sierra Mill & Lumber Co.; \$623.50; discount, 2%; 30 days.  
Stockton Lumber Co., Stockton; \$619.9; delivery in 5 days; discount, 2%; 30 days.  
Diamond Match Co., Chico; \$612.67; delivery in 30 days; net.  
Knox Lumber Co.; \$621.00; discount, 2%; 10th prox.  
Noah Adams Lbr. Co.; \$605.65; discount, 2%; 10 days.

Milwaukee—(1) \$35,923; (2) \$8,975; f.o.b. Milwaukee.  
Milwaukee Bridge Co., Milwaukee—(1) \$32,955; (2) \$8,452; f.o.b. Milwaukee.  
Moore Dry Dock Co., Oakland—(1) \$31,500; (2) \$17,700; f.o.b. Oakland.  
John W. Beam, Denver—(1) \$15,000; (2) no bid; f.o.b. Postone; discount, 2%; 10 days.  
All bidders specify shipment in 70-150 days. All bids net unless otherwise noted.

## BIDS OPENED

LOS ANGELES, Calif.—Bids for furnishing miscellaneous fusion-welded steel plate pipe fittings, Spec. X-88, for trucks department's pipe yard, Slauson and Compton Avenues, were opened by D. P. Nicklin, purchasing agent, Los Angeles Water and Power Bureau, Jan. 27.

Bids were taken on items as follows:

- (a) one 36x36-in. steel tee;
- (b) one 36 $\frac{1}{2}$ " I D 6-in. wide, butt strap;
- (c) one 36x54-in. tee combined with 54x31.4-in. reducers;
- (d) one 36x20-in. reducer, 8-ft. long;
- (e) one 20x16-in. reducer, 9-ft. long;
- (f) one 32 $\frac{1}{2}$ "-in. ID, 12-in. wide, butt strap;
- (g) one 20 $\frac{1}{2}$ "-in. ID x 16-in. I D 45-degree tee;
- (h) one 16-in. ID x 12-in. ID combined reducer and 45-deg. bend
- (i) one 12-in. ID flanged connection 2-ft. long;
- (j) one 20 $\frac{1}{2}$ "-in. ID x 16-in. reducer, 5-ft. long;
- (k) 2 lengths 20 $\frac{1}{2}$ "-in. ID steel pipe, each 5-ft. 4-in. long;
- (l) 2 15 $\frac{1}{2}$ "-in. opening plates;
- (m) 2 12 $\frac{1}{2}$ "-in. opening plates;
- (n) one 24-in. ID sleeves R-in.—12-in.—2 ft. 5-in. long;
- (o) one 24-in. ID sleeve "R"—15-in.—2 ft. 5-in. long;
- (p) 2 24 $\frac{1}{2}$ "-in. ID 6-in. wide, butt straps;
- (q) 2 24-in. ID sleeves, 2-ft. long;
- (r) 2 30 $\frac{1}{2}$ "-in. ID x 24-in. ID reducers, 4 ft. long;
- (s) one 40-in. ID x 30-in. ID reducers, 6 ft. long;
- (t) 2 30-in. ID opening plates;
- (u) one 30 $\frac{1}{2}$ "-in. ID 6-in. wide, butt straps;
- (v) one 30-in. ID sleeve, 2ft. long;
- (w) one 30-in. ID tee stem, 3 ft. 3 in. long.

The bidders were:  
(A) Southwest Welding & Mfg. Co.—Delivery, 60 days; discount  $\frac{1}{2}$  of 1%; shipping weight, 24,860 pounds; total, \$2598.30.

(B) Western Pipe & Steel Co.—Terms net; weight, 25,000 lbs.; total \$2341.

(C) Emco Derrick & Equipment Co.—Terms net; weight, 23,000 lbs.; total, \$1821.65.

(D) Consolidated Steel Corp., Ltd.—Terms net; weight, 24,330 pounds; total, \$2173.

	(A)	(B)	(C)	(D)
(a)	\$210.00	\$209.00	\$184.00	\$257.00
(b)	6.00	9.00	6.85	9.00
(c)	951.00	948.00	622.00	901.00
(d)	115.00	105.00	84.00	83.00
(e)	79.00	75.00	70.00	64.00
(f)	9.60	11.00	8.60	11.00
(g)	115.00	144.00	147.00	187.00
(h)	123.40	170.00	133.90	168.00
(i)	32.50	50.00	25.00	33.00
(j)	59.00	64.00	55.90	45.00
(k)	32.00	28.00	37.75	30.00
(l)	10.40	11.00	5.55	9.00
(m)	6.50	11.00	5.55	10.00
(n)	18.30	23.00	21.70	22.00
(o)	18.00	30.00	21.70	21.00
(p)	5.60	11.00	4.60	6.00
(q)	18.30	15.00	21.60	14.00
(r)	59.00	65.00	66.00	45.00
(s)	115.29	111.00	89.20	71.00
(t)	12.40	16.00	8.50	11.00
(u)	6.30	8.00	4.80	7.00
(v)	18.90	18.00	24.00	18.00
(w)	26.60	40.00	25.00	25.00

## BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing approximately 215,000 lbs. of fabricated steel and other metal work incidental to the steel frame work in the floor system of the Brand Building (west unit) were opened by the U. S. Engineer, Los Angeles, Jan. 28.

The bids were:  
Consolidated Steel Corp., Ltd., 725 cents lb.; total, \$15,547.50. No discount. Delivered at site.

Bethlehem Steel Co., 7.38c pound; total, \$15,867. Delivered at site.  
Minneapolis-Moline Power Implement Co., 6.9c lb.; total, \$14,921; fob Minneapolis. Shipment on government bill of lading from Minneapolis. No discount.

## BIDS OPENED

LOS ANGELES—Santa Fe Pipe & Supply Co. submitted the low bid at \$50.18, discount 2%, 30 days, delivery as specified to the U. S. Engineer, Los Angeles, for furnishing 2000 ft. 2-in. galvanized iron pipe, random lengths, plain ends; 250 ft same, but each piece bent with a curvature of 29 ft. radius and miscellaneous fittings, f.o.b. Concord St. and Verdugo Wash, Glendale, Spec. No. 256.

The other bids were:  
Kelley Pipe Co.—\$339.29; delivery 5 days; discount 2%, 30 days.

Crane Co.—\$964.20; delivery 14 days; discount 2%, 30 days.

Griffith Pipe & Supply Co.—\$1,005.09; delivery 10 days, discount 2% 30 days.

Associated Piping & Engineering Co.—\$340.43; delivery as specified; discount 2%, 20 days.

Plumbing & Heating Supply Co.—\$1705; delivery as specified; discount 2%, 20 days.

Wilbur-Elis Co., bidding on Item 9 for 2-in. pipe only—\$373.76; delivery 15 days; discount 2%, 30 days.

## BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Bids for furnishing parking meters were submitted to the Bakersfield city council January 25 by the following:

Dual Parking Meter Co. (represented by Charles P. Martin), \$58 each. Alternate bid: \$39 each.

Western Parkrite Meter Co. (represented by State Senator Thomas A. Maloney of San Francisco)—\$58 each.

## CONTRACT AWARDED

VENTURA—United Concrete Pipe Corp., 1347 W. 205th St., Los Angeles, awarded contract by the Ventura city council, at \$24 ft. for furnishing 7600 ft. 24-in. cement concrete pipe. The other bids (all on welded steel pipe) were:

Western Pipe & Steel Co.—\$240.

Consolidated Steel Corp.—3000 ft. at \$2.40, 4000 ft. at \$2.63.

Emco Derrick & Equipment Co.—\$2.52.

California Corrugated Culvert Co.—\$2.64.

Southwest Welding & Mfg. Co.—\$2.64.

American Concrete & Steel Pipe Co.—\$2.70.

## CONTRACT AWARDED

LOS ANGELES—Bowl Switch Co. awarded contract by the Los Angeles Water & Power Commission, at \$35,111, for disconnecting and grounding switches. Spec. 2154.

## CONTRACT AWARDED

LOS ANGELES—General Electric Co. awarded contract by the Los Angeles Water & Power Commission, at \$172, for motor generating sets. Spec. 2142.

## CONTRACT AWARDED

LOS ANGELES—Pacific Electric Mfg. Co. awarded contract by the Los Angeles Water & Power Commission, at \$20,745, for furnishing disconnecting switches. Spec. 2155.

## CONTRACT AWARDED

LOS ANGELES—Western Pipe & Steel Co. awarded contract by S. A. Tenenb purchasing agent Metropolitan Water District, Los Angeles, at \$5944.13, for furnishing galvanized steel for 270 kv switch rack, f.o.b. vendor's plant under Bid No. 76791.

The other bids were:

Emco Derrick & Equipment Co.—\$6524.02.

International Derrick & Equipment Co.—\$7486.60.

## BIDS OPENED

BARTLETT DAM, Ariz.—Bids for furnishing 200,000 barrels of portland cement for use in connection with the construction of Bartlett Dam, Salt River Project, Ariz., were opened by the Bureau of Reclamation at Denver, January 28. The bids were:

Colorado Portland Cement Co., Fob Portland, Colo.; (1) \$13,954.24 per barrel, (2) \$14,542.4 per bbl.

California Portland Cement Co., Southwestern Portland Cement Co., Riverside Cement Co., and Monolith Portland Cement Co., each bid \$1.49 per bbl, items 1 and (2), fob respective mills. All bids net.

February 2, 1937.

LOS ANGELES—Bids for furnishing oil circuit breakers, under Spec. 2160, were opened by D. P. Nicklin purchasing agent, Los Angeles Water & Power Bureau, January 29.

The bids were:

Pacific Electric Mfg. Co.—(a) \$3,200; (b) \$5300; (c) allowance for oil, 20c; (d) allowance for omission of in pulse test, \$650. No discount; weight 16,500 lbs. Shipping point, San Francisco. Charge and credit oil drums, \$15 per drum.

General Electric Co.—(a) \$8465; (b) \$8465; (c) 19.8c; (d) \$1500. Delivery start in 120 days. No discount; wt., 85,000 lbs. without oil. Shipping point, Philadelphia, Pa. Drums, \$15.

Kelman Electric & Mfg. Co.—(a) \$7674.50; (b) \$7694.50; (c) 24c; (d) \$750. Discount, none; weight 17,000 lbs. Shipping point, Los Angeles. Delivery, 120 days. Drums, \$6.00.

Allis-Chalmers Mfg. Co.—(a) \$8,800; (b) \$8500; (c) 17c; (d) \$1500. Discount, none. Delivery, 120 days. Weight, 10,700 lbs. Shipping point, Hyde Park, Mass. Drums, \$15.00.

## BIDS OPENED

LOS ANGELES—Bids for furnishing soft-drawn bare copper cable, Spec. 2187, were opened by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Jan. 29. Bids were taken as follows:  
(a) 500 ft. 2,000,000 C.M., 12-strand;  
(b) 3500 ft. 750,000 C.M., 61-strand;  
(c) 2500 ft. 609,000 C.M., 61-strand;  
(d) 700 ft. No. 4/0 AWG, 18-strand.

The bids were:  
General Electric Supply Corp.—(a) \$18.96 per Cwt., (b) \$19.16, (c) \$19.46, (d) \$19.46; net 30 days;  $\frac{1}{4}$  of 1% 10 days. (Amanda)

Westinghouse Electric & Supply Co.—Prices same and firm for 30 days.

Phelps-Dodge Copper Products Corp.—Prices same. Net 30 days;  $\frac{1}{4}$  of 1% 10 days.

General Cable Corp.—Prices same and firm for 30 days. Net 30 days,  $\frac{1}{4}$  of 1% 10 days.

Robt. A. Reeling Sons Co. of Calif.—Prices same. Net 30 days;  $\frac{1}{4}$  of 1% 10 days. Discount on wire only.

## BIDS OPENED

SAN FRANCISCO—Following bids received by the U. S. Engineer Office, Light-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 568-37-147, for furnishing 10,200 ft. b.m. Douglas fir lumber, f.o.b. U. S. Engineers, Pier 31 $\frac{1}{2}$ , San Francisco Waterfront:

Loon Lumber Co., Central Basin—\$244.58.

Robledo Lumber Co., San Francisco—\$290.

Smith Lumber Co., San Francisco—\$327.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- |                        |                     |
|------------------------|---------------------|
| 21.—Bridges            | 30.—Reservoirs and  |
| 22.—Dredging, Harbor   | Dams                |
| Works, Excav.          | 31.—Pipe Lines and  |
| 23.—Irrigation Proj.   | Wells               |
| 24.—St. Light, Systems | 32.—Sewers & Sewage |
| 25.—Machinery and      | Equipment           |
| 26.—Railroads          | 33.—Water Works     |
| 27.—Fire Alarm Sys.    | 34.—Parks & Play-   |
| 28.—Streets & High-    | ways                |
| 29.—Tunnels            |                     |

## 21— BRIDGES

February 1, 1937

### CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—F. Kaus, 2726 E. Main St., Stockton, at \$2,512, submitted low bid and awarded contract by the Modesto City Council, H. E. Gragg, City Clerk, for the reconstruction of a reinforced concrete bridge on College Avenue across the Modesto Irrigation District Lateral No. 4.

Complete bids follow:  
 F. Kaus, Stockton..... \$2,512  
 Harry Brown, Modesto..... 3,478  
 Cotner, Tomnitz & King, Modesto..... 3,580  
 F. O. Bohnett, Campbell..... 3,580  
 Western Crane Service Corp., Oakland..... 3,710  
 R. G. Clifford, San Francisco..... 4,600

### BID CALL CANCELLED

LOS ANGELES COUNTY, Cal.—C. H. Purcell, State Highway Engineer, has announced the cancellation of a call for bids issued January 26, to have been opened February 18, for the construction of a reinforced concrete girder bridge across south branch of Big Tujunga Wash, and the reconstruction of a reinforced concrete girder bridge across north branch of Big Tujunga Wash, in Los Angeles County.

### LOW BIDDER

ALL-AMERICAN CANAL.—Lewis Chambers Constr. Co., 801 Baronne Bldg., New Orleans, at \$74,258, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 717, for the construction of highway bridges, All-American Canal, Station 1635 to 1930, All-American Canal System, Boulder Canyon Project.

### BIDS WANTED

PLACER COUNTY, Calif. — Until March 2, 10 A. M., bids will be received by the Placer County Board of Supervisors, A. S. Fleming, Clerk, Court House, Auburn, for the construction of a 70-ft. steel bridge on steel pile foundations with concrete or wood floor. The structure will have a 21-ft. roadway and 4-ft. side-walk, and will be on Douglas Street adjacent to the City of Roseville.

Plans (dated February 2, 1937) and specifications obtainable from the office of W. E. Emmett, Sharon Bldg., San Francisco, engineer, or from the County Clerk, at a charge of \$1.

## 22— DREDGING HARBOR WORKS, EXCAVATION

APPLICATION FILED  
 SAN DIEGO, San Diego Co., Cal.—

Application has been made by the City of San Diego for a modification of plans accompanying War Department permit dated August 9, 1934, to dredge and fill in the vicinity of Roseville-La Playa, for the purpose of creating a municipal yacht harbor in San Diego Bay, Calif.

Under the modification it is proposed to dredge within a slightly more restricted area and terminate the proposed channelward fill abreast of Bay Channel Beacon No. 3.

Drawing showing the location and plan of the proposed work may be seen at the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, Major Theo. Wymao, Jr., District Engineer, until February 23, 11 a. m. Interested persons are invited to inspect this drawing and to submit in writing, in duplicate, on or before said date, any objections based on navigation interests that they may have to said work.

Objections based on other than navigation interests cannot be considered.

### BIDS OPENED

LONG BEACH.—Anso Construction Co., Inc., 3608 Atlantic Avenue, Long Beach, submitted low bid to R. M. Dorton, City Manager, Long Beach, for hauling and dumping about 5,000 tons of rock for the repair of the Rainbow Pier Enrockment, Spec. R-947. The bids were taken as follows:

1. Loading and hauling cement concrete blocks and dumping from trucks.

2. Loading and hauling cement concrete blocks and placing by crane or derrick.

The bids were:  
 Anso Constr. Co., Inc.—(1) \$115, (2) \$220.  
 Martin Bros. Trucking Co.—(1) \$245, (2) \$245.  
 Sully-Miller Contr. Co.—(1) \$270, (2) \$340.

The city intends to repair and improve the enrockment by depositing thereon broken cement concrete blocks now stored at the Sanitary Department dumping ground east of Newport Avenue, approximately 500 ft. north of Willow Street.

## 23— CANALS

### BIDS WANTED

ALL-AMERICAN CANAL.—Until February 15, 10 A. M., as previously reported, bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 708, for the construction of drops and power plant sub-structures at

drops Nos. 2, 3, 4, and 5, All-American Canal System, Boulder Canyon Project. The work is located near Yuma, Ariz., and Calexico, Calif.

### SCHEDULE NO. 1

Drop and power-plant substructure at drop No. 2, All-American Canal, Station 2177 plus 90.

- (1) 27,360 c.y. excav. for struc;
- (2) 5,000 c.y. excavation for power house foundation;
- (3) 17,700 c.y. backfill about struc;
- (4) 1,300 c.y. puddling or tamping backfill about struc;
- (5) 4,500 c.y. of concrete in power house substructure;
- (6) 1,680 c.y. concrete in canal lining and in floors of spillway chutes and stilling pools of tailrace;
- (7) 4,350 c.y. concrete in structure, except power house substructure, canal lining, and floors;
- (8) 1,200,000 lbs. placing reinf. bars;
- (9) 2,690 lf. installing "L" metal joint seals;
- (10) 4,200 lf. installing type M do;
- (11) 1,000 lf. installing type N do;
- (12) 4,000 sq. ft. installing molded elastic joint filler;
- (13) 1,100 sq. yds. dry-dock paving;
- (14) 900 c.y. constructing reverse filters;
- (15) 200 lf. laying 15-in. dia. sewer pipe with uncemented joints;
- (16) 180 lf. laying 8-in. sewer pipe with uncemented joints;
- (17) 18,000 lbs. installing metal pipe and fittings;
- (18) 610,000 lbs. driving steel sheet piling;
- (19) 50 MFBM fabricating and driving timber sheet piling;
- (20) 27,000 lf. driving timber foundation piles;
- (21) 15,500 lbs. installing embedded metal walls for radial gates;
- (22) 35,000 lbs. installing radial gates;
- (23) 9,000 lbs. installing radial gate hoists and operating and control mechanisms;
- (24) 12,000 lbs. installing pipe hand-rails;
- (25) 20,000 lbs. installing misc. metal work;
- (26) 1,100 lbs. installing ground wires;
- (27) 1,000 lf. installing electrical metal conduit, 1½-in. or less in diameter;
- (28) 100 lbs. installing electrical conductors.

### SCHEDULE NO. 2

Drop and power-plant substructure at drop No. 3, All-American Canal, Station 2470 plus 315.

- (29) 27,040 c.y. excav. for struc;
- (30) 8,650 c.y. excav. for power house foundation;
- (31) 17,700 c.y. backfill about struc;
- (32) 1,300 c.y. puddling or tamping backfill about structure;
- (33) 4,500 c.y. concrete in power house substructure;
- (34) 1,680 c.y. concrete in canal lining and in floors of spillway chutes and stilling pools and of tailrace;
- (35) 4,300 c.y. concrete in structure, except power house substructure, canal lining, and floors;
- (36) 1,200,000 lbs. placing reinf. bars;
- (37) 2,400 lf. installing "L" metal joint seals;
- (38) 4,000 lf. installing type M do;
- (39) 1,200 lf. installing type N do;
- (40) 4,000 sq. ft. installing molded elastic joint filler;
- (41) 1,050 sq. yds. dry-rock paving;
- (42) 900 c.y. constructing reverse filters;
- (43) 200 lf. laying 15-in. dia. sewer pipe with uncemented joints;
- (44) 180 lf. laying 8-in. dia.;
- (45) 18,000 lbs. installing metal pipe and fittings;

Capital City  
 Title Company

•

JAMES E. BANCROFT

Manager

•

14 Seventh Street  
 Sacramento : California

- (46) 610,000 lbs. driving steel sheet piling;  
 (47) 50 MFEM fabricating and driving timber sheet piling;  
 (48) 27,000 lb. driving timber foundation piles;  
 (49) 15,500 lbs. installing embedded metal work for radial gates;  
 (50) 36,000 lbs. installing radial gates  
 (51) 9,000 lbs. installing radial gate hoists & operating and control mechanisms;  
 (52) 12,000 lbs. installing pipe hand-rails;  
 (53) 20,000 lbs. installing misc. metal work;  
 (54) 1,100 lbs. installing ground wires  
 (55) 1,000 lb. installing electrical metal conduit 1½-in. or less in diameter;  
 (56) 100 lbs. installing electrical conductors.

## SCHEDULE NO. 3

- Drops and power plant substructure at drop No. 4, All-American Canal, Station 2755 plus 12.  
 (57) unwaterlog foundations, lump sum;  
 (58) 33,600 c.y. excav. for struc.;  
 (59) 8,200 c.y. excav. for power house foundation;  
 (60) 28,850 c.y. backfill about struc.;  
 (61) 1,160 c.y. puddling or tamping backfill about structures;  
 (62) 3,940 c.y. concrete in power house substructure;  
 (63) 21,150 c.y. concrete in canal lining and in floors of spillway chutes and stilling pools and of tailrace;  
 (64) 4,950 c.y. concrete in structure, except power house substructure, canal lining, and floors;  
 (65) 1,234,000 lbs. placing reinf. bars;  
 (66) 2,900 lb. installing type L metal joint seals;  
 (67) 4,775 lb. installing type M do;  
 (68) 900 lb. installing type N do;  
 (69) 5,400 sq. ft. installing molded elastic joint filler;  
 (70) 1,060 sq. yds. dry-rock paving;  
 (71) 990 cu. yds. constructing reverse filters;  
 (72) 190 lb. laying 15-in. dia. sewer pipe with uncemented joints;  
 (73) 296 lb. laying 8-in. dia. do;  
 (74) 18,000 lbs. installing metal pipe and fittings;  
 (75) 528,000 lbs. driving sheet piling;  
 (76) 44 MFEM fabricating and driving timber sheet piling;  
 (77) 30,000 lb. driving timber foundation piles;  
 (78) 15,000 lbs. installing embedded metal work for radial gates;  
 (79) 33,600 lbs. installing radial gates  
 (80) 8,400 lbs. installing radial gate hoists and operating and control mechanisms;  
 (81) 13,500 lbs. installing pipe hand-rails;  
 (82) 20,000 lbs. installing misc. metal work;  
 (83) 1,100 lbs. installing ground wires  
 (84) 1,000 lb. installing electrical metal conduit 1½-in. or less in diameter;  
 (85) 100 lbs. installing electrical conductors.

## SCHEDULE NO. 4

- Drop, power - plant substructure, and turnout of New Briar canal at drop No. 5, All-American canal, Station 2233 plus 05.75.  
 (86) unwatering foundations lump sum;  
 (87) 33,200 c.y. excav. for structures;  
 (88) 3,800 c.y. excav. for power house foundation;  
 (89) 25,400 c.y. backfill about struc.;  
 (90) 1,350 c.y. puddling or tamping backfill about structures;  
 (91) 2,800 c.y. concrete in power house sub-structures;  
 (92) 800 c.y. concrete in canal lining and in floors of spillway chutes and stilling pools and of tailrace;  
 (93) 3,450 c.y. concrete in structure, except power house sub-structure, canal lining and floors;

- (94) 2,000 lb. installing type L metal joint seals;  
 (95) 2,000 lb. installing type L do;  
 (96) 2,800 lb. installing type M do;  
 (97) 500 lb. installing type N do;  
 (98) 3,000 sq. ft. installing molded elastic joint filler;  
 (99) 850 sq. yds. dry-rock paving;  
 (100) 550 c.y. constructing reverse filters;  
 (101) 190 lb. laying 15-in. dia. sewer pipe with uncemented joints;  
 (102) 296 lb. laying 8-in. dia. do;  
 (103) 18,000 lbs. installing metal pipe and fittings;  
 (104) 400,000 lbs. driving steel sheet piling;  
 (105) 21 MFEM fabricating and driving timber sheet piling;  
 (106) 27,000 lb. driving timber foundation piles;  
 (107) 15,000 lbs. installing embedded metal work for radial gates;  
 (108) 28,000 lbs. install radial gates;  
 (109) 7,400 lbs. installing radial gate hoists and operating and control mechanisms;  
 (110) 10,000 lbs. installing pipe hand-work;  
 (111) 20,000 lbs. installing miscellaneous metal work;  
 (112) 1,100 lbs. install ground wires;  
 (113) 1,000 lb. installing electrical metal conduit 1½-in. or less in diameter;  
 (114) 80 lbs. installing electrical conductors.

The work shall be commenced within 30 calendar days and completed within 90 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Denver, or Washington, D. C. without charge to prospective bidders; to others, \$3.00, not returnable.

## CONTRACT AWARDED

ALL - AMERICAN CANAL, Arizona-California.—Frank Doran, 345 Spreckels Theatre Bldg., San Diego, at \$4,091.80, awarded contract by the Bureau of Reclamation, Yuma, R. B. Williams, Construction Engineer, under Spec. No. 700, for the construction of pipe side drains, All-American Canal, Station 3552 to Sta. 3775, All-American Canal System, Boulder Canyon Project.

## BIDS WANTED

CONTRA COSTA CO., Calif.—Until March 1, 10 A. M., as previously reported, bids will be received by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 712, for the construction of earthwork and structures, Station 2 to Station 208 plus 50, Contra Costa Canal, Contra Costa Division, Central Valley Project.

The work is located near Oakley, and comprises construction of about four miles of open canal.

The principal items of work involved are:  
 (1) 640,000 c.y. excavation for canal  
 (2) 36,000 c.y. excavation for pipe trenches and structures;  
 (3) 5,000 sta. c.v. overhaul;  
 (4) 35,800 c.y. backfill;  
 (5) 785 c.y. gravel fill under siphons;  
 (6) 1,425 cu. concrete;  
 (7) 75 sq. yds. dry-rock paving;  
 (8) Placing 202,000 lbs. reinf. bars;  
 (9) Driving 4,360 lb. timber piles;  
 (10) Erecting 123 MFEM timber in structures;

- (11) Laying 2,370 lb. 16-in. diameter concrete pipe;  
 (12) Installing 79,000 lbs. 18- and 30-in. dia. steel pipe;  
 (13) Installing 1,600 lbs. of miscellaneous metal work.

The work shall be commenced within 30 calendar days and completed within 330 calendar days

from the date of receipt of notice to proceed.

The complete canal will be about 40 miles in length and is estimated to cost \$3,000,000 and will have a capacity of 275-second feet.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver or Washington, D. C. without charge to prospective bidders; to others \$1.00, not returnable.

Oscar G. Boden, Antioch, resident engineer.

## CONTRACT AWARDED

TURLOCK, Stanislaus Co., Calif.—Lloyd Terrell, 221 Ninth Ave., Turlock, at \$5,512 awarded contract by the Turlock Irrigation District for concrete lining in the Lowe ditch, District No. 69.

R. V. Meikle, chief engineer.

## 24—STREET LIGHTING

February 1, 1937.

## BIDS OPENED

KNICK RIVER, Alaska.—Bids for furnishing materials for construction of the Knick River Bridge were received by the Consolidated Shipping & Purchasing Bureau, Federal Office Bldg., Seattle, January 18, and referred to the Alaska Railroad officials for action.

Complete bids follow:

Moore Dry Dock Co., foot of Adeline St., Oakland—554 tons at \$0.0485 per lb., f.o.b. Oakland, subject to strike settlement.

Pacific Car & Foundry Co., 821 White Bldg., Seattle—1,143,000 lbs., \$0.0615 per lb.; total, \$70,294; f.o.b. cars, Seattle.

Wisconsin Bridge & Iron Co., 5023 N. 13th, Milwaukee—1,120,000 lbs. at \$0.040 per lb.; total, \$45,912; f.o.b. Milwaukee. \* 21

## BIDS OPENED

OAKLAND, Calif.—Kenney Brothers, 128 Tenth St., Oakland, at \$7,367 submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for the installation of an ornamental electric street lighting system in E 18th St. between Third Avenue and Park Blvd., and in Park Blvd. between East 18th St. and 21st Street.

The work will involve the installation of 27 ornamental, single lighting standards, together with foundations, lighting units, lamps, wire, conduit, cable, appurtenances, and appliances.

Complete bids follow:  
 Kenney Bros., Oakland..... \$7,367  
 Scott-Buttner Elec. Co., Oakland..... 7,767  
 R. Flatland, San Francisco..... 7,768  
 Underground Const. Co., Berkeley..... 8,398  
 Spencer Elec. Co., Oakland..... 9,189  
 Bids held under advisement.

## BOND FLECTION

FRENO, Fresno Co., Cal.—Voters of the City of Fresno will pass on a \$2,990,000 bond proposal, to finance purchase of the San Joaquin Light & Power Corp. electric system in the city, at a special election Feb. 25.

## 25—MACHINERY AND EQUIPMENT

## BIDS OPENED

SAN FRANCISCO.—Chas. L. Harvey, Call Bldg., at \$20 per hour, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco under Bid No. 3394, for the rental of one concrete paver, 1 c.v. on crawler traction with power charging skip, for use on WPA projects, f.o.b. Gold-

en Gate Park Drives, 24th Ave. and Full St., San Francisco.  
Complete bids follow:  
Chas. L. Harney—\$8.20, net.  
Edward R. Bacon Co.—\$8.50, plus \$75 transportation charge.  
Pacific States Constr. Co.—\$8.54, net.  
Contractors Machinery Exchange, Oakland—\$9.15 per hour, net.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Fairbanks, Morse & Co. were awarded the contract by Wayne R. Allen, Los Angeles county purchasing agent at \$1,314.40 for furnishing one power pump with motor, under Quot. No. 3023.

**BIDS OPENED**

FRESNO.—Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, at \$91.80 per month, net, submitted bids for the Procurement Office, levee bids in the Procurement Office, Treasury Department, Room 514, 45 Fourth St., San Francisco, under Bid No. 3293, for the rental of one concrete mixer, mobile, two-sack capacity with elevator hopper, for use on WPA project, f.o.b. Fresno Municipal Airport, Fresno, Cal.

Peter J. McHugh, San Francisco, at \$18 per month, discount 10%, 20 days, submitted the only other bid.

**BIDS OPENED**

ALL-AMERICAN CANAL.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 869-D, for furnishing equipment for installation in the Imperial Dam and desilting works, All-American Canal System, Boulder Canyon, as follows:  
Schedule 1—(a) One 7-panel main control board and auxiliary equipment;  
(b) Three mast re-control cubicles.

Schedule 2—One 2300-volt switchboard, consisting of seven cubicle-type control units.  
Complete bids follow:  
NePage McKenny Co., Seattle—(1a) \$9,658; (1b) \$2,259; f.o.b. Yuma, 1/1, \$11,917; Sch. 2, \$4,361; f.o.b. Yuma, delivery in 150 days.  
Wolfe & Mann Mfg. Co., Baltimore—(1a) \$9,883; (1b) \$2,257; (total, Sch. 1), \$12,240; (2) \$4,596; combination 1 and 2, \$16,496; f.o.b. Baltimore; delivery in 150 days; discount, 1/2%.

Westinghouse Elec. & Mfg. Co., Denver—(1a) \$10,191; (1b) \$2,257; (total, 1), \$12,778; (2) \$5,296; f.o.b. Yuma; delivery in 150 days.

General Electric Co., Schenectady—(1a) \$10,481; (1b) \$3,485; (total, 1), \$13,966; (2) \$5,328; f.o.b. Yuma, but will allow no freight deductions nor shipment on Government bills of lading; delivery in 208 days.

Graybar Electric Co., Denver—(1a) \$10,481; (1b) \$3,485; (total, 1), \$13,966; (2) \$5,328; f.o.b. Yuma, but will allow no freight deductions nor shipment on Government bills of lading; delivery in 208 days.

Roller-Smith Co., Bethlehem—(2) \$122; f.o.b. Yuma; delivery in 125 days.

Allis-Chalmers Mfg. Co., Milwaukee—(2) \$6,334; f.o.b. Yuma; delivery in 150 days.

Delta-Star Elec. Co., Chicago—(2) bids.

All bids net unless otherwise specified; f.o.b. Yuma; delivery in 150 days.

**CONTRACTS AWARDED**

BOULDER CITY, Nevada.—Contracts for furnishing equipment for installation in the Boulder Power plant, under Spec. No. 703, have been awarded by the Bureau of Reclamation, Denver, as follows:  
Estimotech Elec. & Mfg. Co., Denver—(1) \$108,450, for 3,000-amp, 23,000-volt bus structure and equipment; (2) \$10,690, for two 600-amp, 15,000-volt oil circuit

breakers and one neutral reactor. Allis-Chalmers Mfg. Co., Milwaukee; (3) \$122,673, for two 4,000-amp, 23,000-volt, oil circuit breakers.

**BIDS OPENED**

BERKELEY.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$4 per hour submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3298, for the rental of one highway patrol grader for use on WPA project, f. o. b. Wildcat Canyon Road, Berkeley.

Complete bids follow:  
Granfield, Farrar & Carlin, San Francisco, \$4.  
Pacific States Constr. Co., San Francisco, \$4.50.  
Spears Wells Machinery Co., Oakland, \$4.75.

R. A. Farish, San Francisco, \$5.  
W. H. Cowan, \$7 per hour.

**BIDS OPENED**

LOS ANGELES, Calif.—Bids for furnishing an electric mine hoist for use at the Cabazon Shaft of the San Jacinto Tunnel, Spec. No. 192, were opened by the Metropolitan Water District Feb. 1. The bids were Ottumwa Iron Works, Ottumwa, Iowa; \$36,350; shipping weight 233,000 lbs.; heaviest piece, 19,600 lbs. Discount \$16 per day; (2) services of erecting engineer, \$16 per day. Fob Ottumwa.

Nordberg Mfg. Co., 846 Subway Terminal Bldg., Los Angeles, (1) \$39,400; fob Milwaukee, Wis. Use tax, \$182. Total \$46,582. Shipping weight, \$180,750 lbs.; heaviest piece, 17,000 lbs.; (2) \$15 per day. Electrical equipment with freight allowed from the nearest standard gauge railroad freight station.

**BIDS OPENED**

LOS ANGELES, Cal.—Bids for furnishing one motor driven centrifugal pump were opened by Wayne R. Allen, Los Angeles county purchasing agent Feb. 2, under Quot. No. 3093. The bids were:  
Simonds Pump Co., \$453; 1% 20 days; bid irregular; not made out in duplicate.  
Dayton-Dowd, \$661; alternate bid, 20 h. p. squirrel cage motor \$442.

Luitwieler Pump Co., \$451.  
Victrolor Pump Co., telegraphic bid; no sureties; bid not declared.

Fairbanks-Morse & Co., \$447.83.  
American Well Works, \$436; 2% 15 days.

Gardner-Denver, \$832; alternate bids, \$785.25, \$389.60.  
Milt Iron Works, \$486.60.

Victrolor Pump Co., \$995; deduct \$46.64 for base plate type controller; for squirrel cage motor, \$557.  
Pacific Pump Works, pump, \$260; motor, \$695; alternate bid, \$248.

Byron Jackson Co., \$553.18, 3 delivery; \$100.00, 60 day delivery; \$949.18, 60 day delivery.

Ingersoll-Rand Co., \$491.  
De Laval Steam Turbine Co., \$1227.

**BIDS OPENED**

UPPER SNAKE RIVER PROJECT, Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 870-D, for furnishing (1) four radial gates and (2) four radial-gate hoists, for installation in the headworks structure and in the combination check turnout and wastewater structure of Cross Cut Canal, Upper Snake River Project, Idaho:

Pekrul Iron Works, Denver; (1) no bid; (2) \$1,761; fob Denver; discount, 1%.

John W. Beam, Denver; (1) \$1,800; fob Chelsea; discount, 1%; (2) \$1,830; fob Denver; net.

Beall Pipe & Tank Corp., Portland; (1) \$2,907; (2) \$2,100; (1) and (2) \$5,207; fob Portland; net.

Long Beach Iron Works, Long Beach; (1) no bid; (2) \$1,768; fob Long Beach; net.

Berkeley Steel Const. Co., Inc., Berkeley; (1) \$1,932; (2) no bid; fob Berkeley; net.

Lakeside Bridge & Steel Co., Milwaukee; (1) \$3,700; (2) \$3,350; (1) and (2) \$7,000; fob Chester, Ida.; net.

St. Paul Foundry Co., St. Paul; (1) \$2,180; (2) no bid; fob St. Paul; net.

Faste Bros. Gear & Mach. Corp., Chicago; (1) no bid; (2) \$4,186; fob Chicago; net.

Joshua Hendy Iron Works, San Francisco; (1) no bid; (2) \$3,120; fob Sunnyvale; net.

Commercial Iron Works, Portland; (1) \$1,860; (2) \$1,715; (1) and (2) \$3,465; fob Portland; net.

Los Angeles Valve & Fittings Co., Los Angeles; (1) no bid; (2) \$2,342.50; fob Los Angeles; net.

California Steel Products Co., San Francisco; (1) \$2,844; (2) no bid; fob San Francisco; net.

Valley Iron Works, Yakima; (1) no bid; (2) \$1,600; fob Yakima; discount, 5%.

**26—RAILROADS**

**CONTRACT AWARDED**

SAN FRANCISCO.—Cain Telephone & Singlas Co., 420 Market St., at \$9,400 awarded contract by the State Purchasing Department, Ferry Bldg., for photo-electric protective system for cable anchorages on the San Francisco-Oakland Bay Bridge. Equipment engineered and will be furnished by the Signal Electric Supply Co., 234 Ninth St. \* 25

**CONTRACT AWARDED**

LOS ANGELES.—Western Steel & Equipment Co., Portland, awarded contract at \$675,414, by the U. S. Engineer, 751 S. Figueroa St., for furnishing a complete narrow gauge railroad track system for San Diego under Circ. Prop. No. 244.

**CONTRACT AWARDED**

SACRAMENTO.—Forsythe Worden & Co., 264 Sybil Ave., San Leandro, at \$23,995 awarded contract by Major Arthur W. Parker, Constructing Quartermaster, Sacramento, under Bid No. 6870-37-10, for the construction of standard gauge railroad trackage and turnouts at the new Army Air Corps Supply Depot, near North Sacramento.

**BIDS WANTED**

ALAMEDA COUNTY, Cal.—Until February 2, 2 P. M. bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, Room 811, 500 Sansome St., San Francisco, for the construction of the East Bay Yard substructure of the railway facilities of the San Francisco-Oakland Bay Bridge.

The work involves:  
East Bay Yard and Southern Pacific Crossing

- (1) 16,000 cu. yd. ballast
  - (2) 20,000 lf. cross-tied timber piles 10- to 50-ft. long
  - (3) 25,000 lf. do. 50- to 79-ft. long
  - (4) 25,000 lf. do. shaft or over 82 ft.
  - (5) 20,000 lf. untreated timber piles 10- to 51-ft. long
  - (6) 70,000 lf. do. 55- to 69-ft. long
  - (7) 40,000 lf. do. 70- to 84-ft. long
  - (8) 27,000 lf. do. 55-ft. or over
  - (9) 4,740 cu. yd. concrete in footings
  - (10) 1,700 cu. concrete abutment footings
  - (11) 1,000,000 lb. roof steel
  - (12) 80,700 lb. anchor bolt material
  - (13) 60 MEFB (100 lb. units) or 60,000 lb. MEFB
  - (14) 880 MEFB (100 lb. units) or 88,000 lb. MEFB
  - (15) 62,000 lb. hardware timber
  - (16) 2,600 blks. extra Portland Cement
- Port of Oakland Overhead

- (17) 2,800 c.y. excavation;  
 (18) 8,000 lf. untreated timber piles, 55- to 69-ft. long;  
 (19) 9,000 lf. do. 70- to 84-ft. long;  
 (20) 70,000 lf. do. 85-ft. or over;  
 (21) 1,750 c.y. concrete in footings;  
 (22) 1,600 c.y. concrete above footings;  
 (23) 600,000 lbs. reinf. steel;  
 (24) 20,000 lbs. anchor bolt material;  
 (25) 1,000 c.y. rock (wall);  
 (26) 5,000 c.y. sand (fill);  
 (27) 1,600 tons imported base material;  
 (28) 800 tons crusher run base;  
 (29) 400 tons asphalt concrete;  
 (30) 400 bbls. extra portland cement.

NOTE: The engineer reserves the right to eliminate entirely from this contract the substructure of the Port of Oakland overhead crossing, covered by Items 17 to 30, inclusive. Should the engineer act under such right, the contractor shall make no claim whatsoever for the elimination of this part of the work and shall claim no compensation under Items 17 to 30.

Plans and specifications obtainable from the above office upon deposit of \$50, of which amount \$10 will be returnable.

## 29—STREETS AND HIGHWAYS

### BIDS WANTED

SAN BENITO, Monterey, San Luis Obispo, and Santa Barbara Counties, Cal.—Until Feb. 17, 2 P. M. bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for furnishing and applying diesel oil to roadside vegetation for a distance of 200 miles at various locations in San Benito, Monterey, San Luis Obispo, and Santa Barbara Counties.

Plans and specifications obtainable from the above office.

### BIDS OPENED

STANISLAUS, Calaveras, Amador and Tuolumne Cos., Cal.—Sheldon Oil Co., Suisun, at \$2.49 per barrel, total \$3,125.00 submitted bid to the State Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying diesel oil to roadside vegetation for a distance of about 176 roadside miles in Calaveras, Stanislaus, Tuolumne and Amador Counties, at various locations, requiring 1,250 bbls. of oil.

Complete bids follow:  
 Sheldon Oil Co., Suisun: \$2.49 per bbl.; total, \$3,125.00.

Garcia Const. Co., Irvington: \$3.15 per bbl.; total, \$3,937.50.

Lee J. Imbry, Berkeley: \$3.24 per bbl.; total, \$4,050.

The bid of Pacific Truck Service, Inc., San Jose, was irregular and not declared.

### LOW BIDDER

MARICOPA COUNTY, Ariz.—Pearson & Dickerson, P. O. Box 471, Phoenix, at \$135,655 submitted low bid to the Arizona State Highway Commission, Phoenix, for the construction of the Tempe-Mesa Highway, F. A. S. 2nd reopening (1937) A. F. 8007.

The work, which extends westerly 31 miles from the west city limits of Mesa, consists of concrete pavement widening the furnishing and placing of imported borrow, aggregate base course and cutback plant mix, and other work and is to be completed on or before July 15, 1937.

The principal items and approximate quantities are:

- 17,000 cu yds. roadway excavation;  
 5,100 cu yds. drainage excavation;  
 750 cu yds. strain excavation;  
 14,900 cu yds. imported borrow;  
 14,900 cu yds. aggregate base course;

- 980 M. gals. sprinkling;  
 390 hours rolling;  
 47,000 sq. yds. concrete pavement;  
 146 cu. yds. Class A concrete;  
 6,500 lbs. reinforcing steel;  
 1,750 tons cutback plant mix;  
 80 tons cutback asphalt;  
 22,600 gal. SC-2 road oil;  
 90 tons screenings;  
 300 tons cover coat (concr. sand);  
 300 lin. ft. C. M. pipe (3 sizes);  
 23,400 lin. ft. line fence;  
 9,300 lin. ft. reconstruct fence;  
 29 each steel gates;  
 1,853 lin. ft. plain concrete pipe (under rdwy.); (2 sizes);  
 2,240 lin. ft. plain concrete pipe (not under rdwy.); (3 sizes);  
 728 lin. ft. reinf. concrete pipe (2 sizes);  
 5 each manholes;  
 54 lin. ft. concrete railroad crossing.

Tanner Constr. Co. submitted the 2nd low bid at \$140,178.

### AWARD RECOMMENDED

PLUMAS COUNTY, Calif.—Award of a contract to R. R. Carlson, Weber Ave. and E. St., Stockton, at \$56,353.60, for grading 3,259 miles of Sections C. D. and E. of Route 20, the Almanar National Forest Highway, Plumas National Forest, Plumas County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

### BIDS WANTED

SAN FRANCISCO—Until February 17, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,013, for the reconstruction of the pavement on Pennsylvania Avenue, between 18th and 19th Streets. Estimated cost \$4000.

The work involves:

- (1) 60 lin. ft. resetting curbs.  
 (2) 20 lin. ft. new granite curb, in place.  
 (3) 8000 sq. ft. 6-in. Class E concrete pavement, center strip.  
 (4) 20 tons asphaltic concrete binder, in place.  
 (5) 15,600 sq. ft. asphaltic concrete wearing surface.  
 (6) 15,000 sq. ft. remove existing pavement as directed and replace with asphaltic concrete pavement, consisting of 6-in. Class F concrete base and 2-in. asphaltic concrete wearing surface.  
 (7) 8 tons asphaltic concrete conform pavement.  
 (8) 200 sq. ft. resetting basalt blocks.  
 Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of \$10.

### CONTRACT AWARDED

SAN FRANCISCO Plombo Bros. & Co., 1571 Turk St., at \$497.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 15,969 for the improvement of Bemis Street between Castro and Mateo Streets.

### CONTRACT AWARDED

PINAL COUNTY, Ariz.—Tiffan Const. Co., 535 N. 7th St., Phoenix, at \$41,119.82 awarded contract by the Arizona State Highway Commission for construction of the Mesa-Superior Highway, FA 7 2nd Reopening (1937) AFE 501. The work which is to begin about 3.9 miles northwest of Florence Junction and is to extend southeasterly to Florence Junction over a recently constructed new alignment, consists of furnishing and placing aggregate base course and 90-95 road oil plant mix and is to be completed on or before May 31, 1937.

### CONTRACT AWARDED

MARICOPA COUNTY Ariz.—N. G. Hill & Co., 1145 W. Culver, Phoenix, at \$71,982.93 awarded contract by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix for construction of the Ajo-Gila Bend Highway WPSB 120, AFE 616. The work, which is to begin at the Maricopa County line about 9 miles north of Ajo and is to extend northerly a distance of about 1.3 miles, consists of grading, draining and the furnishing and placing of aggregate base course and asphaltic surface treatment, and is to be completed on or before Sept. 30, 1937.

### BIDS WANTED

CLARK CO., Nev.—Until February 17, 2:30 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the highway system in Clark County, from Las Vegas to a point approximately three miles southwest of Apex, Route 6, Sections D2 and D1, a length of approximately 11.6 miles.

The work involves:

- (1) 1,466 lf. remove culvert pipe;  
 (2) 96 each, remove culvert headwalls;  
 (3) 2 each, remove culverts (wood-  
 (4) 41,510 cu. yds. roadway excav.;  
 (5) 149,855 sta. yds. overhaul;  
 (6) 85,730 cu. y. channel excav.;  
 (7) 121,650 tons crushed gravel or stone subbase;  
 (8) 169,760 cu. y. imported borrow;  
 (9) 3,670 cu. y. struct. excav.;  
 (10) 11,563 cu. y. subgrade;  
 (11) 11,563 cu. y. shoulders;  
 (12) 11.6 mi. finish roadway;  
 (13) 31,100 tons plant-mix crushed gravel or stone base;  
 (14) 16,000 tons crushed gravel or stone surface;  
 (15) 5,250 M. gals. water;  
 (16) 879 tons asphaltic road material, Type 95 plus;  
 (17) 1,037 tons asphaltic road material, Type SC-2;  
 (18) 160 tons emulsified asphalt, penetration;  
 (19) 1,130 tons screenings;  
 (20) 1,670 tons plant-mix asphaltic surface;  
 (21) 732 cu. y. Class A concrete;  
 (22) 60 cu. y. Class B concrete;  
 (23) 281 cu. y. Class D concrete;  
 (24) 136,034 lbs. reinforcing steel;  
 (25) 242 MFEM Redwood lumber;  
 (26) 2,535 lf. treated piles;  
 (27) 98 each, drive treated piles;  
 (28) 275 lf. 18-in. CMP (dipped);  
 (29) 158 lf. 24-in. CMP (dipped);  
 (30) 975 cu. y. hand laid riprap (grouted);  
 (31) 2 each, move pipe culvert headwall;  
 (32) 30 lf. relay culvert pipe;  
 (33) 76 each culvert markers;  
 (34) 11.6 mi. salvage and relay surface;  
 (35) 290 hours, 75-hp. crawler type tractor;  
 (36) 260 hours, 10-ft. blade grader;  
 (37) 700 hrs., 75-hp. tractor with power scraper;  
 (38) 600 hours, motor grader;  
 (39) 2,000 hours, 1½-ton truck;  
 (40) Force Account, construct and maintain detours;  
 (41) 20 lf. concrete railing.  
 Plans and specifications obtainable from the above office upon deposit of \$5 of which amount \$2.50 will be returnable and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

### BIDS OPENED

SANTA MARIN AND NAPAVES, Calif.—Chas. Kuppinger, Box 356 Lakewood at \$2.39 per bbl., total \$5,975, submitted low bid to the State

Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for applying diesel oil to roadside vegetation for a distance of 188.5 miles, at various locations in Sonoma, Marin and Napa Counties, requiring 2,500 bbls. of oil.

Complete bids follow:  
Chas. Kuppinger, Lakeport—\$2.39 per bbl.; total, \$5,975.

E. A. Forde, San Anselmo—\$2.58 per bbl.; total, \$6,450.

Basalt Rock Co., Napa—\$2.75 per bbl.; total, \$6,825.

Lee J. Immel, Berkeley—\$2.77 per bbl.; total, \$6,925.

Tieslau Bros., Inc., Berkeley—\$2.92 per bbl.; total, \$7,300.

Hayward Bldg. Materials Co., Hayward—\$3.39 per bbl.; total, \$8,250.

**BIDS WANTED**

**LAS VEGAS, Nev.**—Until Feb. 8, 4 p.m., bids will be received by the Las Vegas city commission for constructing street improvements in accordance with specifications which may be obtained at the office of the engineer, C. D. Baker, 115 S. 4th St., Las Vegas, upon deposit of \$5.00. Certified or cashier's check for 5% must accompany each proposal. Viola Burns, City Clerk.

**CONTRACT AWARDED**

**LOS ANGELES**—Santo Tedesco, 1414 1/2 S. Vermont Ave., awarded contract by the Los Angeles board of public works, at \$13,245.29, for grading, paving and otherwise improving Chautauque Blvd., between Vance St. and Malibu Road, a cash contract.

**BIDS WANTED**

**STATE OF OREGON**—Until February 4, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, auditorium, 3rd floor, Public Service Bldg., Portland, for highway and bridge construction, as follows:

**Baker County**—Gales-Lime Section of Old Oregon Trail, 9.08 miles penetration type bituminous macadam wearing surface and 0.50 mile oil mat surface treatment; also, furnish 3,000 cu. yds. crushed rock in stock piles. Requires approximately 112,000 sq. yds. bituminous macadam wearing surface and oil surface treatment; 3,000 cu. yds. gravel or talus shoulder materials, and 4,600 cu. yds. crushed rock.

**Clatsop County**—Elsie-Nehalem River Section of Wolf Creek Highway, 116 miles grading and 9.15 mile additional clearing. Requires approximately 225,000 cu. yds. excavation.

**Curry County**—Curry County Rock Production Project on the Oregon Coast Highway, Furnish 17,400 cu. yds. crushed gravel in stockpiles.

**Douglas County**—North Roseburg Section of Pacific Highway, 0.72 mi. grading, requiring approximately 106,000 cu. yds. of excavation. (May be bid in combination with the Deer Creek Bridge Project in Douglas County.)

**Douglas County**—Construction of a concrete bridge over Deer Creek and a concrete retaining wall near Junior High School on the Pacific Highway in Roseburg. Requires approximately 819 cu. yds. excavation; 970 cu. yds. concrete; 251,000 pounds metal reinforcement; 530 lin. ft. concrete handrail and 330 lin. ft. triangle mesh fence. (May be bid in combination with North Roseburg grading project.)

**Douglas County**—Shady Point-Kelly Corner Section of Pacific Highway, 0.36 mile grading and 2.26 mi. Portland cement concrete pavement. Requires approximately 2,900 cubic yards excavation; 6,000 cu. yds. of gravel base; 2,500 cu. yds. crushed

**ALL-AMERICAN CANAL—HIGHWAY BRIDGES—GOVT**

**ALL-AMERICAN CANAL**—Lewis Chambers Const. Co., 801 Baronne Bldg., New Orleans (local office at Calexico, Calif.) at \$74,258, as previously reported, submitted low bid to the Bureau of Reclamation, Federal Highways, Yuma, R. E. Williams, Construction Engineer, under Spec. No. 717, for the construction of highway bridges, All-American Canal, Station 1635 to 1930, All-American Canal System, Boulder Canyon Project.

The work involves:

**SCHEDULE NO. 1**

- Highway bridge, All-American Canal, Station 1635-49.3
- (1) 9,400 c.y. excavation for struc.;
- (2) 850 c.y. concrete in approaches;
- (3) 440 c.y. concrete in piers;
- (4) 660 c.y. concrete in deck of steel portion of bridge;
- (5) 250,000 lbs. placing reinf. bars;
- (6) 8,300 c.y. backfill about struc.;
- (7) 3,000 c.y. puddling or tamping backfill about structure;
- (8) 200 c.y. riprap;
- (10) 6 MFEM installing timber railings, wheel guards, and paving-notch buffers.

**SCHEDULE NO. 2**

- Highway bridge, All-American Canal, Station 1930-302.2
- (11) 29,200 c.y. exca. for canal;
- (12) 3,500 c.y. do for structure;
- (13) 610 c.y. concrete in piers and abutments;
- (14) 320 c.y. concrete in deck;
- (15) 19,000 lbs. placing reinf. bars;
- (16) 2,700 c.y. backfill about struc.;
- (17) 1,000 c.y. puddling or tamping backfill about structure;
- (18) 100 c.y. riprap;
- (19) 299,000 lbs. erecting structural steel in bridge;
- (20) 6 MFEM installing timber railings, wheel guards, and paving-notch buffers.

Total bids follow:

**SCHEDULE NO. 1**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(A)	\$03	\$11.00	\$11.00	\$15.00	\$015	\$20	\$30	\$3.00	\$022	\$50.00
(B)	.10	12.50	12.50	13.00	.01	15	15	2.00	.03	35.00
(C)	.50	14.80	14.80	14.80	.01	15	25	2.50	.03	40.00
(D)	.30	16.30	11.00	16.30	.015	20	75	4.00	.025	75.00
(E)	.60	16.00	11.50	16.00	.015	20	30	4.00	.027	60.00
(F)	.60	18.00	18.00	18.00	.01	40	50	4.00	.02	40.00
(G)	1.00	15.00	16.00	16.00	.02	20	60	4.00	.025	40.00
(H)	.60	23.00	17.50	15.00	.02	30	50	3.50	.021	45.00
(I)	.30	17.75	17.75	17.75	.016	30	70	4.00	.025	82.00
(J)	.60	15.75	15.75	15.75	.015	60	60	6.00	.03	52.50
(K)	40	21.00	21.00	20.00	.02	25	40	6.00	.02	50.00
(L)	60	17.50	16.00	19.00	.02	30	80	9.00	.0275	100.00
(M)	.60	17.50	16.00	16.00	.02	60	60	5.00	.023	50.00
(N)	.65	19.00	18.00	20.00	.0225	45	65	1.00	.03	40.00
(O)	.60	24.00	17.00	27.00	.015	25	25	2.50	.03	60.00
(P)	.40	25.00	15.00	22.00	.02	48	45	7.00	.035	65.00

**SCHEDULE NO. 2**

	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
(A)	\$08	8	20	\$11.00	\$16.00	\$015	8	20	\$30	\$015	\$50.00
(B)	19	50	11.00	10.00	.01	20	20	2.00	.02	40.00	
(C)	22	50	17.50	15.50	.01	15	25	2.50	.015	40.00	
(D)	40	40	16.50	16.20	.015	20	75	4.00	.017	75.00	
(E)	30	60	15.00	18.00	.018	30	50	4.00	.015	60.00	
(F)	40	60	14.50	19.00	.01	10	60	5.00	.0125	30.00	
(G)	30	100	15.00	10.00	.02	20	80	5.00	.025	50.00	
(H)	27	60	19.50	17.50	.02	30	50	3.50	.014	40.00	
(I)	40	60	17.75	17.50	.01	20	70	1.00	.02	82.00	
(J)	225	60	15.75	17.75	.015	60	60	6.00	.0225	52.50	
(K)	25	50	22.00	22.00	.02	25	40	6.00	.015	50.00	
(L)	45	50	16.00	21.00	.0175	30	90	9.00	.02	94.00	
(M)	55	100	16.00	17.00	.02	60	60	5.00	.02	50.00	
(N)	50	65	20.00	21.00	.025	50	100	6.00	.0175	60.00	
(O)	40	60	19.00	22.00	.02	25	25	2.50	.015	60.00	
(P)	10	40	20.00	20.00	.02	45	45	8.50	.0275	65.00	

# Eureka Mills

Sash, Door & Moulding

OFFICE AND FACTORY

1715 Mission Street, SAN FRANCISCO

rock or crushed gravel in shoulders; and 29,400 sq. yds. Portland cement concrete pavement.

**Linn County—Shedd-Halsey Section of Pacific Highway.** 7.34 miles grading and asphaltic concrete pavement. Requires approximately 85,000 cu. yds. excavation; 35,000 cu. yds. of crushed rock, and 101,000 sq. yds. asphaltic concrete pavement.

**Multnomah County—Rocky Point Section of Columbia River Highway.** 1.05 mile grading and Portland cement concrete pavement. Requires approximately 54,000 cu. yds. excavation; 650 lin. ft. cable guard fence; 110 cu. yds. concrete; 1,200 lbs. metal reinforcement; 12,700 cu. yds. of crushed rock; 2,000 cu. yds. salvaged surfacing materials; 12,500 sq. yds. Portland cement concrete pavement; 18,500 sq. yds. oil mat surface treatment; and 350 sq. yds. asphaltic concrete pavement.

**Wheeler County—Unit No. 3.** Chichester Gulch-Summit Section of Shaniko-Fossil Secondary Highway. 0.95 mile grading, requiring approximately 21,500 cu. yds. excavation, and 1,000 cu. yds. soil topping materials. Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00 per set.

#### BIDS WANTED

**LINCOLN Co., Nev.—**Until February 17, 2 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the highway system in Lincoln County from a point approximately 0.5 mi. north of Caliente to a point approximately one mile north of Panaca Junction, Route 7, Section C, a length of app. 14.32 miles.

The work involves:

- (1) 43,966 l.f. remove fence;
- (2) 456 l.f. remove culvert pipe;
- (3) 32 each, remove culvert head-walls;
- (4) 187,400 c.y. roadway excav.;
- (5) 660,600 sta. yds. overhaul;
- (6) 50,300 c.y. imported borrow;
- (7) 2,040 c.y. struct. excav.;
- (8) 1428 m. subgrade;
- (9) 1432 m. finish roadway;
- (10) 91,000 tons select base;
- (11) 74,000 tons crushed gravel on stone surface;
- (12) 6,171 M. gals water;
- (13) 563 c.y. Class A concrete;
- (14) 57 c.y. Class B concrete;
- (15) 58,500 lbs. reinforcing steel;
- (16) 1153 MFBM Redwood lumber;
- (17) 2,845 l.f. treated piles;
- (18) 93 each, drive treated piles;
- (19) 78 l.f. 15-in. CMP (dipped);
- (20) 560 l.f. 18-in. CMP (dipped);
- (21) 1,050 l.f. 24-in. CMP (dipped);
- (22) 138 l.f. 30-in. CMP (dipped);
- (23) 114 l.f. 36-in. CMP (dipped);
- (24) 218 l.f. relay culvert pipe;
- (25) 141 each, move pipe culvert head-walls;
- (26) 177 each, monuments;
- (27) 8,495 l.f. construct fence;
- (28) 41,649 l.f. reconstruct fence;
- (29) Force Account, swamp embankment;
- (30) 105 l.f. 2x2-ft. laminated culvert;
- (31) 37 l.f. 3x3-ft. laminated culvert;
- (32) 4 each, 14-ft. standard steel gates;
- (33) One each, 24-in. lateral head-gate;
- (34) 400 lbs. castings;
- (35) 128 l.f. furnishing 18-in. CMP (dipped);
- (36) 64 l.f. furnish 24-in. CMP (dipped);
- (37) 40 c.v. rock dam.

Plans and specifications obtainable from the above office upon deposit of \$5 of which amount \$2.50 will be

returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco. \*

#### CONTRACT AWARDED

**LOS ANGELES—Lewis Construction Co.** 3440 W. 2nd St., awarded contract by the Metropolitan Water District, Los Angeles, at \$16,450, for furnishing, operating and maintaining road building equipment and constructing and repairing roads along the district's 230 kv. transmission line between Boulder Dam and the Gene, Iron Mt., Eagles Mt. and Hayfield pumping plants. Spec. No. E-590.

#### BIDS OPENED

**ALAMEDA, CONTRA COSTA and SANTA CLARA COS., Calif.—**Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$22 per bbl., total \$5,330, submitted low bid to the State Div. of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for applying diesel oil to roadside vegetation for a distance of 111.5 mi. at various locations in Alameda, Contra Costa, and Santa Clara Counties, requiring 1,500 bbls. of oil.

Complete bids follow:

Pacific Truck Service, Inc., San Jose—\$22 per bbl.; total, \$3,330.

#### PLUMAS COUNTY—3.259 MILES GRADING—GOVT.

**PLUMAS COUNTY—R. R. Carlson, Weber Ave. and E St., Stockton,** at \$56,353.60 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 3.259 mi. grading on Sections C, D, and E of Route 20, the Almanar National Forest Highway, Plumas National Forest, Plumas County.

The work involves:

- (1) 7 A. clearing (Section C)
- (2) 6 A. clearing (Sections D & E)
- (3) 18 A. cleanup clearing (Section C)
- (4) 26,000 c. y. unclassified excavation (Section C)
- (5) 33,000 c. y. do. (Sections D & E)
- (6) 1,000 c. y. do. for structures
- (7) 9,150 c. y. do. for borrow
- (8) 10,700 c. y. subgrade reinforcement
- (9) 130,000 sta. yds. overhaul
- (10) 18,800 c. y. m. haul
- (11) 435 l. f. 8 inch perforated C. G. M. P.
- (12) 152 l. f. 8 inch asphalt dipped C. G. M. P.
- (13) 996 l. f. 18 inch do.
- (14) 254 l. f. 24 inch do.
- (15) 232 l. f. 30 inch do.
- (16) 34 l. f. 36 inch do.
- (17) 7 each, Type A spillway inlets
- (18) 118 c. y. Class A concrete

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$150.00	\$300.00	\$400.00	\$450.00	\$500.00	\$500.00	\$350.00	\$400.00
(2)	150.00	75.00	400.00	100.00	300.00	500.00	200.00	270.00
(3)	40.00	75.00	150.00	200.00	150.00	200.00	300.00	100.00
(4)	45	59	75	58	65	60	94	75
(5)	45	38	40	69	55	50	75	50
(6)	1.25	1.75	1.50	1.50	2.50	1.50	3.75	1.50
(7)	40	34	45	31	43	50	30	40
(8)	40	58	50	45	80	1.10	30	40
(9)	42.5	106	6.00	6.01	9.01	1.01	10.05	0.02
(10)	15	20	25	18	24	15	40	20
(11)	1.10	1.15	1.50	1.15	1.20	1.80	1.50	1.15
(12)	1.15	1.15	1.00	1.25	1.30	1.90	2.50	1.25
(13)	2.00	2.00	2.00	1.75	2.20	2.50	3.50	1.75
(14)	3.50	3.00	3.00	2.60	3.25	3.25	4.00	2.75
(15)	4.50	3.75	4.00	3.75	4.30	4.00	4.50	3.75
(16)	4.25	5.50	6.00	4.00	4.90	4.75	5.00	5.00
(17)	16.00	30.00	15.00	16.00	17.50	15.00	20.00	15.00
(18)	30.00	32.00	30.00	28.00	40.00	30.00	35.00	30.00
(19)	.07	.07	.08	.07	.10	.06	.07	.10
(20)	3.50	4.00	4.00	5.00	4.00	2.00	6.00	4.00
(21)	1.00	1.00	1.00	1.25	2.75	1.50	4.00	.50
(22)	25	20	20	12	30	1.00	43	20
(23)	2.50	3.00	3.00	2.50	2.50	2.00	2.25	2.50
(24)	3.50	3.50	3.00	3.00	3.50	3.00	5.00	3.00
(25)	.75	1.00	1.00	1.00	.70	2.50	1.00	1.00
(26)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(27)	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00

Lee J. Immel, Berkeley—\$2,494 per bbl.; total, \$3,741.

Garcia Constr. Co., Irvington—\$2.73

per bbl.; total, \$4,095.

Tieslau Bros., Inc., Berkeley—\$2.88

per bbl.; total, \$4,320.

Hayward Bldg. Materials Co., Hayward—\$3.05 per bbl.; total, \$4,575. \* 29

#### BIDS OPENED

**MERCED, MARIPOSA, STANISLAUS, SAN JOAQUIN, CALAVERAS, AMADOR and TUOLUMNE COS., Calif.—**Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$5,129.80, submitted low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for applying diesel oil to roadside vegetation for a distance of about 263 roadside miles at various locations in Merced, Mariposa, Stanislaus, San Joaquin, Calaveras, Amador and Tuolumne Counties.

Bids were taken as follows:

(1) 1,050 bbls. Diesel oil, Location A;

(2) 1,070 bbls. Diesel oil, Location B.

Complete bids follow:

Pacific Truck Service, Inc., San Jose—(1) \$2.45; (2) \$2.39; total, \$5,129.80.

Sheldon Oil Co., Suisun—(1) \$2.51;

(2) \$2.41; total, \$5,246.30.

Lee J. Immel, Berkeley—(1) \$2.96;

(2) \$2.41; total, \$5,246.30.

(19) 6,000 lbs. reinforcing steel

(20) 121 c. y. crushed rock or gravel for backfill

(21) 100 sq. yds. mortar backfill, seal

(22) 3,350 l.f. Type 1 protection ditch

(23) 41 each, culvert markers

(24) 39 each, right of way monuments

(25) 468 l. f. removing and stockpiling or relaying existing C. G. M. P.

(26) Extra work, construct spillway slope drains and spillway aprons

(27) Extra work, furnish and place one-inch galvanized water pipe.

Total bids follow:

(A) R. R. Carlson, Stockton, \$56,353.60

(B) A. Teichert & Son, Sacramento 59,117.00

(C) Larsen Bros. & Harm Bros., Sacramento 69,509.50

(D) Young & Son Co., Ltd., Berkeley 69,906.10

(E) Fredrickson & Watson & Fredrickson Bros., Oakland 75,528.80

(F) Piombo Bros. & Co., San Francisco 79,963.20

(G) J. R. Reeves, Sacramento 93,331.85

(H) Engineer's Estimate 70,051.70

Unit bids follow:



(2) \$2.83; total, \$6,136.10.  
 Treadle Bros., Inc., Berkeley—(1) \$3.07; (2) \$2.96; total, \$6,396.07.  
 Hayward Bldg. Materials Co., Hayward—(1) \$3.40; (2) \$3.30; total, \$7,101.

**BIDS OPENED**

**LOS ANGELES**—Griffith Co., L. A. Railway Bldg., submitted low bid to the Los Angeles Harbor Commission, City Hall, for asphaltic pavement, roadways, shed floors and wharf decks under Spec. No. 967. The items are:

- (1) 3000 tons asphaltic concrete base materials;
- (2) 3000 tons asphaltic concrete wearing surface;
- (3) 250 tons fine sheet asphalt or coarse sheet asphalt wearing surface.

The complete bids were:

Griffith Co.—(1) \$3.45 ton; total, \$10,350. (2) \$3.45 ton; total, \$12,075. (3) \$3.50 ton; total, \$875.  
 Sully-Miller Contracting Co., Long Beach—(1) \$3.45; \$10,440; (2) \$3.65; \$12,880; (3) \$3.95; \$975.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**PLANNED**

**PETALUMA**, Sonoma Co., Calif.—John S. Bates, sanitary engineer, 3134 Eton, Berkeley, has presented recommendations to the Petaluma City Council for the design, construction problems, and estimated cost of a proposed sewer system and treatment plant.

Sat Gonzalez, City Engineer.

January 29, 1937.

**BIDS OPENED**

**LOS ANGELES**—Bennett & Taylor, 1041 Venice Blvd., submitted low bid to the Los Angeles board of public works, City Hall, at \$9466, for remodeling of the Fish Harbor sewage pumping plant at Terminal Island, San Pedro. PWA Project No. 5633, Unit No. 9. The work consists of construction of a concrete wall in the sewage pit, placing pumps in a trench and confining sewage gas to the wet well; removal of existing walls and floors; construction of concrete floors for the motor room and rake room; concrete wall in the pit; installation of new pumps with piping and fittings, floats and float wells, ventilation system, steel stairway and ladders, and a fence around the plant.

The other bids were:

R. H. Travers—\$10,800.  
 R. H. Liggitt—\$11,180.  
 Contracting Engineers—\$11,230.  
 Hoagland Eng. & Constr. Co.—\$12,850.

The bond accompanying the bid of Bennett & Taylor was not signed by the principals.

**ENGINEER RETAINED**

**BAKERSFIELD**, Kern Co., Calif.—Clyde C. Kennedy, consulting engineer, 543 Call Bldg., San Francisco, has been retained by the Bakersfield City Council as consultant in connection with the preparation of plans for the proposed sewage disposal plant. Mr. Kennedy is to receive \$200 per month for a period of not less than 8 months nor more than 10 months, averaging eight days actual service per month. The selection was made upon the recommendation of City Manager Fred W. Nightbert and City Engineer Joe Holfelder.

**33—WATER WORKS**

**BIDS WANTED**

**BONNEVILLE**, Ore. — Until February 16, 3 p.m., bids will be received by the U. S. Engineer Office, Second

Portland District, 627 Pittcock Block, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-261, for sandblasting and applying bituminous enamel to the waterways of the station service turbine unit in the Bonneville powerhouse at Bonneville. A total of 4,396 sq. ft. are to be sandblasted and enameled. Plans and specifications obtainable from the above office.

**ANNEXATION PLANNED**

**LOS ANGELES**—Annexation of a large area in Southeastern Ventura County to the Metropolitan Water District has been advanced in an informal application received by the district board of directors, according to a report issued by W. F. Whitsett, chairman of the board. The application, which was signed by Wayne W. Montgomery, chairman of the water committee for southeastern Ventura County, stated that a representative group of property owners in that territory was interested in securing water from the Metropolitan Water District and wished to be advised as to the steps to be taken to effect annexation of their territory to the district.

This application was made following a recent meeting of members of the Ventura County group with officials of the Metropolitan Water District. The matter has been turned over to the water problems committee of the district board of directors. This committee is composed of Directors Franklin Thomas of Pasadena, S. H. Finley of Santa Ana, J. H. Farnbo of San Marino, and John R. Richards and Victor H. Rossetti of Los Angeles.

During the past year the board of directors of the Metropolitan Water District received requests for information relative to joining the district from areas totaling approximately 400,000 acres, and extending from Ventura County to the City of San Diego.

At the present time the Metropolitan Water District is composed of the cities of Los Angeles, Anaheim, Beverly Hills, Burbank, Compton, Fullerton, Glendale, Long Beach, Pasadena, San Marino, Santa Ana, Santa Monica and Torrance.

**CONTRACT AWARDED**

**SAN FRANCISCO**—General Engineering & Drydock Co., 1100 Sansome St., at \$1,255 each, total \$10,040, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1698, for furnishing eight valve-operating mechanisms for the San Francisco high-pressure water system.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Wallace & Tiernan Sales Corp., 171 Second St., at \$11,645, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1709, for furnishing and installing chlorine and ammonia equipment for the Tesla Disinfecting Plant, H.H.W.S., in San Joaquin County.

**BIDS WANTED**

**SAN FRANCISCO**—Until February 17, 2:30 P. M., bids will be received by the Department of Public Works, Room 271, City Hall, under Spec. No. 19601, for construction of the Sunset District extension to the auxiliary water supply system for fire protection. Section B a PWA project. Estimated cost, \$9000.

- Cast Iron Pipe and Special Casting in Place
- 1 1 1/2" dia. 12-ft. Cl. "G" Bell and Spigot, lagged.
  - 2 2" dia. 12-ft. Cl. "G" Bell and Spigot, lagged.

(3) 44 in. ft. 8-in. Cl. "G" Bell and Spigot, lagged.

NOTE: Items 1, 2, 3, cast iron pipe and part of the special castings will be furnished by the City. Such special castings as the City does not have in stock shall be furnished by the contractor as hereinafter called for.

- (4) 2 each 10-in. gate valves, furnished, tested and delivered.
- (5) 4 each 8-in. gate valves, furnished, tested and delivered.
- (6) 4 each Std. H. P. hydrants furnished, tested and delivered.

NOTE: Items 4, 5 and 6 shall all be furnished by the contractor.

- (7) 2 1/2-in. gate valves in place.
- (8) 4 8-in. gate valves in place.
- (9) 4 Std. H. P. hydrants in place.

NOTE: Items 7, 8 and 9—all valves and hydrants shall be furnished by the contractor under items 4, 5 and 6.

- (10) 4895 lbs. pig lead furnished, and delivered.
- (11) 5210 lbs. cast steel special castings, furnished and delivered.
- (12) 1420 lbs. cast iron special castings, furnished and delivered.
- (13) 1464 lbs. manhole, valve box, cast iron frames, covers and dust pass, furnished & placed.
- (14) 4415 lbs. Wrought iron bolts, nuts, washers and tie rods, furnished and placed.
- (15) 57 lbs. reinforcing steel furnished and placed.
- (16) 6 cu. yds. Class "B" concrete in place.
- (17) 693 cu. yds. excavation and backfilling.
- (18) 3254 sq. ft. asphaltic concrete pavement (2-in.-6-in. Class "F" concrete).
- (19) 35 sq. ft. concrete sidewalk, two course.
- (20) 3 cu. yds. crushed rock, furnished and placed.

NOTE: Items 10 to 20 inclusive, all materials shall be furnished by the contractor.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.

**FUNDS ASKED**

**REDDING**, Shasta Co., Cal.—The City of Redding has filed an application with the Procurement Division, at \$152,800 to assist in financing installation of a \$364,000 municipally-owned water system, including a reservoir, filtration plant, mains and appurtenances.

An election to vote \$200,200 in bonds to finance the city's share of the cost of construction will be called at an early date.

W. K. Adams, city engineer.

**34—PARKS AND PLAY-GROUNDS**

**BIDS REJECTED**

**RENO**, Nevada.—All bids were rejected by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Reno.

**35—TUNNELS**

**CONTRACT AWARDED**

**ALAMEDA**, CONTRA COSTA COUNTIES — Fred K. DuPuy, 110 Sutter St., San Francisco, at \$131,656 awarded contract by the Board of Directors of Joint Highway District No. 12, under Schedule "C" for the construction of the ducts, paving and the Broadway Low Level Tunnel, including all work not included in Schedule "A".

Complete bids published January 28.

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

FORT MASON, Cal.—Until Feb. 15 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-270, for furnishing gages, wrenches, files, screwdrivers, wrench sockets, brushes, pliers, etc.  
Specifications obtainable from the above office.

FORT PECK, Mont.—Until Feb. 16, 11 A. M., bids will be received by the U. S. District Engineer, Ft. Peck, for furnishing bituminous concrete curing solution for use in curing concrete surface of Fort Peck Spillway by surface treatment methods, during the period of May 15 to Sept. 30, 1937. Proposal must be accompanied by a bid security in the sum of \$100,000. Specifications may be obtained from the District Engineer at Fort Peck.

BONNEVILLE, Ore.—Until Feb. 24 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, Lieut.-Col. Charles F. Williams, District Engineer, 627 Pittock block, under Bid No. 694-37-263, for furnishing one 450-volt, 3-phase, metal-enclosed, power distribution switchboard, complete with circuit breaker, buses, bus extensions, wire raceway, wiring and accessories, for the powerhouse station service system at Bonneville.

Bids will be taken for alternate deliveries, as follows:

- (A) For railroad cars at bidder's specified shipping point, transportation costs to be borne by the Government & shipment costs made under Govt. bills of lading;  
(B) For Fox railroad cars at Bonneville, transportation costs to be borne by the bidder.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Feb. 15, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-268, for furnishing kerosine, fire extinguisher charges, oil, paint, asbestos, rubber and fiber packing, etc.  
Specifications obtainable from the above office.

FORT MASON, Cal.—Until Feb. 15, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-269, for furnishing glass, machine bolts, stove bolts, etc.  
Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-154, for furnishing four portable carbide lights, 8,000 candlepower.  
Delivery for Fort Funston.  
Specifications obtainable from the above office.

BONNEVILLE, Ore.—Until February 26, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock block, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-256, for furnishing ten oil circuit break-

ers for installation in the Bonneville Project.

Bids will be taken as follows:  
Alternate "A"—Delivery f.o.b. cars at factory shipping points for shipment under Government bills of lading to be furnished by the Government:

- (1) Lump sum, 10 of circuit breakers, 600 amps., 115 Kv., 1,500,000-lv.-a., TFSF, outdoor type, without oil but with equipment, spare parts and accessories.

Alternate "B"—Delivery f.o.b. cars at Bonneville:

- (1) Same as above.  
Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 8, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-153, for furnishing 27,000 ft. b.m. Douglas fir timbers.

Delivery for Fort Funston.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Feb. 11 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. 928-37-266, for furnishing redwood and Douglas fir lumber.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-152, for furnishing a machining impeller casting for the U. S. Dredge "A. Mackenzie".

Delivery for U. S. Engineer Storehouse, Presidio of San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-157, for furnishing 3,333 FBM Douglas fir lumber; for U. S. Engineers, Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-155, for furnishing 48 quarts aluminum paint and 25 gals. ready-mixed paint, outside white.

Delivery for Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Feb. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-156, for furnishing 1,000 feet of wire rope, high-grade plow steel, uncoated, fibre core.

Delivery for Pier 3½, San Francisco waterfront.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

SAN FRANCISCO—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

FEBRUARY 8, 10 A. M.:

BID NO. 3345: 4,000 sacks portland cement; for City Corp. Yard, 501 5th Ave., Oakland;

BID NO. 3340: 350 ft. corrugated galvanized culvert pipe and 18 band couplers; for Mt. Diablo State Park headquarters, Rock City;

BID NO. 3324: One deep well turbine pump, 275-g.p.m.; for Susanville;

BID NO. 3321: Duroline pipe and fittings; for railroad cars, Palo Alto;

BID NO. 3350: 80 c.y. top sand; for Mt. Diablo State Park headquarters, Rock City;

BID NO. 3349: 400 sacks portland cement; for Mt. Diablo State Park headquarters, Rock City;

BID NO. 3346: 9,000 c.y. quarry-run rock; for Oakland Municipal Airport, Bay Farm Island.

FEBRUARY 9, 10 A. M.:

BID NO. 3354: 6,000 FBM Redwood lumber; for County Corp. Yard, Santa Rosa.

FEBRUARY 12, 10 A. M.:

BID NO. 3355: One lot hollow metal and metal covered swing and sliding doors; for Zoological Gardens, Sunset near Skyline Blvd., San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

FEBRUARY 8, 10 A. M.:

BID NO. 3347: 500 tons crusher run base rock; for Outer Harbor Terminal, Port of Oakland;

BID NO. 3348: 850 sacks portland cement; for Livermore Union High School.

FEBRUARY 10, 10 A. M.:

BID NO. 3361: 600 sacks of portland cement; for City of Tracy warehouse.

Specifications obtainable from the above office.

## SAN FRANCISCO CITY

SAN FRANCISCO—Until Feb. 15, 3 P. M., bids will be received by E. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1734, for furnishing 10,000 ft. 1-inch, and 1,000 ft. ¾-inch water hose for Golden Gate Park.

Specifications obtainable from the above office.

## HUMBOLDT COUNTY

EUREKA, Humboldt Co., Calif.—Until February 9, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for furnishing gasoline, fuel oil, and lubricating oils for county use.

Specifications obtainable at the county garage, Second and J Sts., Eureka.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

SHAPER, motor-driven wood; East or West Yard. Sch. 9865; Feb. 9.

MIXER, paint and color mixer not less than 2100 gals. (twin head); East or West Yard. Sch. 9864; Feb. 9.

FILTERING PLANT; East or West Yard. Sch. 9852; Feb. 9.

CLOTH, 6,000 lin. yds. white pyroxylin-coated cloth, 54-inch wide; Mare Island. Sch. 9851; Feb. 9.

CAMERAS, graflex type, and aerial handheld; East and West Yards. Sch. 9871; Feb. 9.

ARC WELDING sets, electric, four; East or West Yard. Sch. 9872; Feb. 9.

SWITCHES, knife-type enclosed and spare parts; East and West Yards. Sch. 9897; Feb. 9.

SHELLAC, 35,000 lbs., orange; Mare Island. Sch. 990-474; Feb. 10.

GENERATOR sets, Diesel; switchboards, spare parts and tools; East and West Yards. Sch. 9875; Feb. 12.

HOSE, 100 10-ft. lengths 5-in. rubber suction hose, 100 10-ft. lengths 6-in. rubber discharge hose, and one combination foot valve and strainer; Puget Sound. Sched. 9882; Feb. 12.

LANGES, 4 oil burning, and spares; Mare Island; Sch. 9877; Feb. 12.

UBES, 450, vacuum; Mare Island. Sch. 990-473; Feb. 12.

HOPE, 3,000 ft. galv. plow steel wire rope, 1 1/2-in. dia.; Mare Island. Sch. 9895; Feb. 12.

BOLTS and nuts steel; screws, lag, etc.; East & West Yards. Sch. 9848; Feb. 12.

MILLING machine, with attachments and motor; San Diego. Sch. 9894; Feb. 12.

ATHS, motor-driven engine; San Diego. Sch. 9892; Feb. 12.

UMPS, hand, boiler test (portable) spare gages, tools and wrenches; East and West Yards. Sch. 9898; Feb. 12.

UMP, 30-hp. engine-driven centrifugal, semi-portable; Puget Sound. Sch. 9881; Feb. 12.

HEEL, 25,100 lbs., plate; Mare Island. Sch. 9883; Feb. 12.

HEAR, motor-driven bar and angle; Puget Sound. Sch. 9880; Feb. 12.

ABLE, 5,000 ft. instrument cable; 25,000 feet interior comm. cable; 40,500 ft. lighting and power cable; 6,000 ft. telephone cable; 47,000 ft. bell wire, and 500 ft. flame-proof cable; Mare Island. Sch. 9889; Feb. 16.

ITTENS, asbestos, 2000 pairs, Mare Island; 60 pairs, Puget Sound. Sch. 9915; Feb. 16.

UMPS, centrifugal motor-driven; spare parts and tools; East and West Yards. Sch. 9900; Feb. 16.

LACTOR, gasoline engine-driven crawler type tractor, with bulldozer, and one oil engine-driven do; East or West Yard. Sch. 9919; Feb. 16.

FFING machine, motor-driven, combination grinding and buffing; Mare Island. Sch. 9911; Feb. 16.

OVES, 7,280 pairs leather protective; Mare Island. Sch. 9914; Feb. 16.

EAR machine, right-hand alligator, motor-driven; Mare Island. Sch. 9908; Feb. 16.

ASHING machines, and tumblers, drying; East and West Yards

Sch. 9902; Feb. 16.  
PARTS for airplanes, spare; San Diego. Sch. 990-481; Feb. 26.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

## CANAL ZONE

PANAMA CANAL ZONE.—Until February 11, 10:30 A. M., bids will be received by H. A. A. Smith, General Purchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3220, for furnishing miscellaneous supplies and equipment, including:

Steel, brass, copper, sheet lead, slab zinc, pig tin, car wheels, brake shoes, steel tubing, brass pipe, clay pipe, wire rope, steel seizing strand, copper wire, steel wire, nails, boat spikes, brass-melting crucibles, chain hoists, step ladders, silver solder, passenger coach window curtains, canvas boiler lagging, hose, Manila rope, marine, red clay, calcium chloride, ferromanganese, ferrosilicon ganister (silica grit for steel castings) and lumber (white ash, cypress, hickory, northern white pine or sugar pine and poplar).

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## SACRAMENTO CITY

SACRAMENTO, Calif.—Until Feb. 4, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing five tons of Activated Carbon for use at the Filtration Plant.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Feb. 18, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one motor to be used on the street flusher for the Street Cleaning Department.

Specifications obtainable from the above office.

SACRAMENTO, Sacramento Co., Cal.—Until February 11, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing trucks for various City Departments, as follows:

Six trucks, Waste Removal Dept.  
One truck, Corporation Dept.  
One truck, Water Distribution Div.  
One truck, Water Department.  
Two trucks, Street Maintenance Division.

One truck, Park Department  
One pick-up, Park Department  
Specifications obtainable from the above office.

## RECLAMATION BUREAU

CENTRAL VALLEY PROJECT, Calif.—Until February 23, 2 p.m., bid will be received by the Bureau of Reclamation, Denver, under Spec. No. 879-D, for furnishing and delivering 100 cars at the shipping point and/or Friant materials for one steel warehouse building for the Government Camp at the Friant Dam. The concrete foundation will be constructed and the building erected by the Government.

Specifications obtainable from the above office without charge to prospective bidders. Bids to be filed by Feb. 23, 1935, not returnable.

BOULDER CANYON PROJECT.—Until February 15, bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 877-D, for metal, including a steel frame building, steel chutes and chute supports, steel hoppers and steel bin gates for the concrete mixing plant at Boulder Dam, Boulder Canyon Project. The Government will erect the steel. Plans may be obtained from the Denver office; no deposit required.

## DEPT. OF THE INTERIOR

WINGATE, N. M.—Until Feb. 12, bids will be received by the Purchasing Officer, Interior Department, Washington, D. C., for furnishing one light road grader, sturdy construction, for Wingate, N. M. Prop. No. 2150.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

FEBRUARY 16, 2 P. M.:  
BID NO. 4267: 200 dozen 2-gallon water bags; fob bidder's shipping point and/or Govt. Island;  
BID NO. 4264: 400 rangers' canvas carrying cases; f.o.b. the bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until February 9, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4274, for the purchase of new Schramm No. 240 compressor parts, and a lump sum allowance or cash offer on used equipment.

Delivery fob bidder's shipping pt and/or Glendale.

Specifications obtainable from the above office.

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# PACIFIC CONSTRUCTOR

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No. 4

## EUREKA ASKS FOR OUTFALL SEWER BIDS

**New Proposals To Open Feb. 25; Schedule Has Alternate Pipe Items**

New bids for construction of the Washington street sanitary outfall sewer in Eureka have been invited by the city council, and are scheduled for opening February 25.

Bids taken for the project in November were rejected because they exceeded available funds. At that time Mercer-Fraser Co. of Eureka submitted the lowest of two bids, at \$74,677. Hanrahan Co. and T. E. Connolly, San Francisco, submitted the only other proposal, with a figure of \$77,995.

The project is located in Washington street between Broadway and the government bulkhead line.

### Schedule Differs

The bidding schedule for the re-advertised contract differs in several respects from that on which bids were taken previously. Principal items which contractors will figure include 2577 feet of 36-inch pipe, either vitrified clay or standard reinforced concrete sewer pipe; 400 feet of redwood sill with continuous concrete saddle, and an outlet block unit.

Bids previously were taken only for the reinforced concrete pipe, but the current contract includes alternate proposals to allow a choice between the two types.

Plans and specifications are obtainable from City Engineer Evan D. Gardner, Eureka city hall, upon deposit of \$10.00.

## AIR CONDITIONING COSTS DISCUSSED

A booklet entitled "Consolidated Odor Absorbers in Air Conditioning", is a recent publication of Consolidated Air Conditioning Corp., 114 East Thirty-second St., New York. Cost of operating air conditioning systems, together with a complete set of tables for various air volumes, is discussed in the booklet. Copies may be obtained by writing the firm.

## Reclamation Bureau Advertises Friant Camp Buildings; Bids Open March 3-6

SACRAMENTO, Feb. 8.—The Reclamation Bureau office here today called for bids on four contracts for construction of buildings and facilities at the government camp at Friant dam site. Bids on the four contracts will be opened in Sacramento March 3, 4, 5 and 6.

Today's development added new interest to the rush of activity

surrounding the imminent start of actual construction on all projects. With bids scheduled for opening March 1 on a four-mile section of the Contra Costa conduit, and government approval of the Kennett dam site announced, letting of major construction work on all three sections of the project was at hand.

Contracts advertised for bids today, and the dates on which bids will be opened, were as follows:

### Water Tank

March 3—construction of a 100,000-gal. circular steel water tank, to be erected on a gravel foundation prepared by government forces.

March 4—construction of twenty-five duplex cottages at the camp. The cottages may be of pre-fabricated construction or may be built in place. Each cottage will be about 61 feet 6 inches by 34 feet in size and will be divided into two residences by garage-space between.

March 5—construction of an office building, two dormitories, 3 six-room residences, five five-room residences, ten four-room residences, and ten two-room residences. Buildings will be of wood frame construction. The dormitories will be two stories in height, the other structures one story. Under one corner of the office building a concrete basement will be constructed. Other buildings will have no basements.

### Testing Laboratory

March 6—construction of a concrete testing laboratory and a combined garage and fire station. The testing laboratory will be about 29 feet by 54 feet in size, and the garage and fire station will be approximately 50 by 121 feet in size. The laboratory will have a roof of mineral surfaced, asphalt prepared shingles, while the garage and fire station roof will be of galvanized corrugated metal.

## GRAND CANYON APPROACH ROAD BIDS INVITED

**Bureau Advertises North Rim Grading; Bids Open February 25**

Bids for grading and placing crushed gravel base course on about 40 miles of approaches to Grand Canyon National Park in Arizona were invited last week by the U. S. Bureau of Public Roads. They are to be opened February 25 in Phoenix.

The Bureau has programmed \$368,358 for this and other work on the route.

The contract advertised last week calls for work on a portion of Route 4, Bright Angel Spring-North Entrance, and on Sections C, D, E and F of the Jacobs Lake-North Rim Approach roads in Coconino county, a distance of 39.93 miles.

Among major items in the bidding schedule are 35 acres clearing, 124,600 cubic yards unclassified excavation, 60,000 cubic yards stripping pits, 37,550 cubic yard excavation for borrow, 62,000 cubic yards subgrade reinforcement, 24,000 tons crushed gravel base course, 1,185 tons applying asphalt road material, and others.

## PLANNING \$100,000 NEVADA COURTHOUSE

Commissioners of Churchill Co., Nev., will apply to PWA for a 45 per cent grant toward construction of a new county courthouse in Fallon. It was announced this week. Plans have not yet been prepared for the project, but its total cost is estimated at approximately \$100,000.

## END OF STRIKE BRINGS LUMBER BUSINESS RUSH

**Northwest Mills Order File  
Large; Many Plants  
To Reopen**

With the maritime strike concluded, Oregon and Washington lumber producers this week prepared for increased shipments and general business gains, and many tidewater plants closed since the strike started were scheduled to resume production.

The week ended January 30 saw the unfilled order file at 171 mills reporting to the West Coast Lumbermen's Association at 874,728-276 feet, the association revealed.

### Reopen This Week

Reports said many closed mills were to reopen this week, with a return to pre-strike levels due before the end of the month.

At the close of three months' of curtailed production and shipments a total of 171 mills reported to the association for the week ending January 30, showing principal activity in 67,483,944 feet of lumber sold to the rail market, and shipments in the same division of 65,632,553 feet. No shipments were reported in the water markets for the week.

Production continues at low levels, the 171 mills reporting a total of 74,827,892 feet of lumber made during the week. The industry produced at 47.5 per cent of its average weekly cut during 1926-1929.

## Reinforcing Steel Awarded to Bidder Farthest from Job

Secretary of the Interior Harold L. Ickes has announced the award of contract covering reinforcing steel for use in construction of Bartlett Dam of the Salt River Federal Reclamation project in Arizona to the Sheffield Steel Corporation.

Both the Sheffield Steel Company, which ships from Kansas City, Mo., and the Bethlehem Steel Corp., which would ship from Los Angeles, submitted bids in identical amount of \$28,991.84 fob destination, with a net delivered cost to the Government in each case of \$26,124.54.

Three bids were received by the Bureau of Reclamation at its Denver, Colo., office, November 30; the two bids which were identical were also lower than the third offer. The award was in line with the announced policy of letting contracts where identical bids are submitted to the bidder whose shipping point is farthest from the job site, Secretary Ickes said.

## PORTLAND DOCK CONTRACT LET

The Portland city commission of public docks has awarded the contract for reconstruction and improvement of Municipal Terminal No. 1 to Geo. H. Buckler Company at \$728,449, it was announced yesterday. The low bid of L. H. Hoffman, Portland, was declared irregular by the commission, and the contract let to the Buckler company, whose figure was second low. Contract price was reached by deduction of the first three alternates in the bidding schedule.

The project includes construction of a new warehouse, widening the quay dock, reconstruction of pier platform, constructing an open dock area, and other work.

## Start Vocational Training for 150 Paint Apprentices

Vocational training for 150 boys recently enrolled as apprentices in the painting, paperhanging and decorating trades will begin within ten days, according to C. E. Barker, director of industrial arts of the San Francisco Public Schools.

Last week the Board of Education voted to turn the Hearst School, located at Fillmore and Hermann streets, over to those responsible for the training of apprentices. The lack of proper classroom facilities had been holding up this phase of the apprentice training program. Since the Hearst School is used by the P. T. A. in the day time classes will be held at night only. The entire situation is ideal, according to Barker.

### Training Required

The recently adopted plan for training of apprentices in the painting, paperhanging and decorating trades requires that the apprentices have a minimum of 144 hours vocational training for each of the four years of the apprenticeship. Subjects to be taught during the first year will be: high lights of the painting trade; science of the trade; mathematics of the trade, and general and civic training.

Examinations will be given on priming, puttying and sandpapering woodwork; preparing and sizing of walls; removing wallpaper, calcimine and paint; making putty and technical knowledge and trade terms.

San Bernardino building permits last month totaled \$123,589, the city building inspection department reports. Eleven permits for new non-residential buildings to cost \$16,860 were issued.

## BRIDGE SAFETY AWARDS GRANTED 2 CONTRACTORS

**Healy-Tibbitts, Clinton Will  
Receive Certificates  
of Merit**

Certificates of merit, awarded for their safety records during a total of 1,906,186 man-hours of construction work on the San Francisco-Oakland Bay Bridge, are to be presented to Healy-Tibbitts Construction Co. and Clinton Construction Co., it was announced Saturday.

A total of 1,266,985 man-hours spent in construction of sub-surface concrete work in caissons, with no workers killed and only one injured, was the record of Healy-Tibbitts, according to the Industrial Accident Commission report.

Clinton Construction Co. has a record of no one killed and only a few minor injuries, according to the report.

### Signed by Officials

The certificates, to be presented as soon as they are returned from Sacramento, will bear the signatures of Timothy A. Reardon, chairman of the Industrial Accident Commission; Charles Purcell, chief engineer during construction of the San Francisco-Oakland Bay Bridge; Earl Lee Kelly, chief of the State Department of Public Works, and Dr. E. M. Parlett, chairman of the Contractors' Administration Commission.

Reardon said he plans to ask Governor Frank F. Merriam to make the formal presentation.

## COORDINATED RATE GUIDE PUBLISHED

A new convenience for shippers and receivers of goods makes its bow today—the Co-Ordinated Rate Guide, published by Consolidated Guide Corporation and printed by The Cuneo Press, both of 153 N. Michigan avenue, Chicago.

Bound in heavy boards, this guide has 1,350 pages, most of which contain 3,850 rates totaling millions of rate quotations. One thumb - index reference leads the user instantly to the comparative rail, truck, express and parcel post shipping rates from 109 key points throughout the country to thousands of destinations. Air, water and foreign parcel post rates form important sections of the guide. A special section lists thousands of cities, towns and hamlets with the serving rail, truck and navigation carriers.

January building in Lodi amounted to \$67,650, according to the city clerk's report. Residential construction accounted for \$10,750 of the total.



## PLANNING BOND ELECTIONS IN REDDING, LODI

### Funds Needed for Water System, Schools; Vallejo Bonds Proposed

Special elections at which voters will pass on bond issues aggregating \$405,000 for construction of a municipal water system, new schools and school reconstruction are planned in Redding, Lodi and Vallejo, it was learned this week.

Largest of the proposed bond issues is \$200,000, to finance construction of a municipal water system in Redding. The election is expected to be called by the city council Monday night, following passage this week of a resolution declaring the project a public necessity and convenience.

Possibility that a \$55,000 filtration plant proposed for the system by City Engineer W. K. Adams might be eliminated was seen after proponents of the plan told the council they felt \$200,000 would be sufficient to equal the existing system without aid from the Federal Public Works Administration. A grant of approximately \$150,000 will be asked in the hope of constructing the filtration plant and other features of the proposed system.

#### Lodi Election

Trustees of the Lodi grammar school district this week decided to call a special election in March, at which time a \$135,000 bond issue for school work will be submitted to the voters.

With funds the bonds would provide the district proposes to purchase additional ground at Needham school and construct a 12-room building, install a heating plant in the new building, modernize the old heating plant and the auditorium, construct a new room at Garfield school, install a new heating plant at Lincoln school, and undertake an extensive program of remodeling at Emerson school.

Vallejo school district trustees decided to call a bond election to provide funds "of sufficient amount" for construction and improvements which a recent survey found necessary. Unofficial estimates placed amount of the bonds to be issued at \$70,000, contingent upon the district receiving a grant which will be asked from PWA.

Present facilities of the Vallejo schools "fall far short of the standards and capacity of adequacy of a modern school plant," Superintendent of School Elmer Cave declared in a recent report to the board.

Sales of mechanical stokers for residential use during December, 1936, amounted to 4,897, as compared to 3078 for the same month in 1935, according to the monthly report of the Bureau of Census.

## Water Rights Guarded in Valley Project Construction, Kelly Tells Land Holders

Assurance that the Water Project Authority of the State of California will guard the interests of all owners of land and water rights in the San Joaquin Valley in the construction of the Central Valley Project were given by Director of Public Works Earl Lee Kelly to representatives of many property holders and irrigation districts affected by the project at a meeting of the Authority in Sacramento.

"The Central Valley Project," Director Kelly told those attending the meeting, "is progressing quite satisfactorily. Since the January session of the Authority three important and very gratifying developments have occurred. The Federal government has determined that the Kennett dam site is the most suitable for the project, thus verifying the investigations of our own engineers on the subject; the Contra Costa conduit unit of the project has been advertised for bids, and Mr. John C. Page has been appointed Commissioner of the U. S. Bureau of Reclamation. All of us have occasion to rejoice that these steps have been taken."

#### Fear Diversion

Some of the representatives of water users in the upper San Joaquin Valley expressed fear that if Friant Dam is completed before Kennett, dam water stored there would be diverted to points south in Tulare, Kern and King counties to the detriment of upper valley land owners.

"The Water Project Authority," Mr. Kelly declared, "never will approve of any move to divert water from one section of the State to another where such diversion would be harmful to any owner of water and land rights. The interests of all present holders of such rights will be carefully guarded. Friant Dam is only one unit of the main project. Kennett Dam is another, the Contra Costa conduit is another.

"All are component parts of the general project and the Water Project Authority in looking forward to the completion of the whole undertaking is determined to safeguard all existing water rights and to see to it that no section of the State benefits at the expense of any other section."

### ADDITIONAL FUNDS NEEDED FOR DAM

The Tucson Chamber of Commerce is considering ways and means to raise \$250,000 required as additional funds to finance the construction of the Sabino Canyon Dam. The government originally estimated the cost at \$750,000, but rising construction costs have caused the engineers to revise their estimates. The additional funds may be secured through a county bond issue. The project is under the supervision of the U. S. Army Engineering Corps. Major Theodore Wynan, Jr., District Engineer.

## BUREAU REPORTS SEASONAL DROP IN EMPLOYMENT

### Private, Public Construction Decline Registered In December

Employment declines from November to December in both public and private building construction are revealed in the monthly survey of the U. S. Bureau of Labor Statistics. The private building employment drop was held to be largely seasonal, while that in public construction was affected partially by the shrinkage of the Federal works program.

Payrolls also declined in both fields, the bureau reported. Following are excerpts from the survey report:

#### Private Building

Seasonal recessions in employment and payrolls from November to December were shown by reports received from 9,697 private building contractors employing 111,565 workers in December. Employment decreased 8.0 per cent over the month interval and payrolls declined 9.0 per cent. Comparisons of employment and payroll in December 1936 with December 1935 show increases of 31 per cent in employment and 52.6 per cent in payrolls over the year interval. The reports cover employees engaged in erecting, altering, and repairing private buildings and do not include employees engaged on projects financed by the Public Works Administration, Reconstruction Finance Corp. funds or regular appropriations of the Federal, State, and local governments.

#### Public Employment

Employment on projects of The Works Program was in excess of 2,251,000 in December, a decrease of 180,000 compared with the number employed in November. Decreases in employment occurred on projects operated by Federal agencies and on projects operated by the Works Progress Administration. More than 2,593,000 workers were engaged on projects operated by the Works Progress Administration. Total payroll disbursements were approximately \$151,102,000 and the value of orders placed for materials exceeded \$51,624,000.

## PWA Bond Sales Profitable, Finance Director Reports; Defaults Are Few

Approximately \$615,500,000, which the Public Works Administration loaned to municipalities and railroads for work creating construction, would be almost entirely recovered with interest on the basis of current surveys, it was reported to Administrator Harold L. Ickes today by B. W. Thoron, Director of PWA's Finance Division.

Latest reports show PWA has collected as interest on its loans the sum of \$18,173,000. This interest is turned over to the Federal Treasury. PWA is continuing to collect interest as it comes due.

Also a profit of \$9,706,000 has been made by PWA on its sale through RFC to the public of bonds taken as collateral for loans. This profit is the cash amount PWA sold the bonds for above the amount it paid for them. Additional profits are being made as additional municipal bonds are put up for sale from the PWA portfolio.

Meanwhile, a total of one-third of one per cent of the amount loaned by PWA to municipalities or railroads is in default, technical or otherwise, in payment on principal or interest. This default total on December 31, 1936, aggregated \$636,000 on 203 issues which amounted to 6.5 per cent of \$9,706,000, the cash profit already realized on resale of bonds.

### Many Technical

A large number of these defaults are technical because they are on bonds and coupons which borrowers are entitled to have cancelled in the final settlement of the grants due them. Others are on revenue bonds issued to construct new systems which require time to develop earning power.

It was necessary for the Public Works Administration, on its creation in June of 1933, to step into the municipal bond market, because the condition of municipal credit and of the private investment market made it impossible for even cities with good credit rating to borrow except at exorbitant rates.

Therefore, in the course of creating employment, it became a duty of PWA to lend money to municipalities and railroads at 4 per cent.

"With the revival of municipal credit and the investment market, PWA, having fulfilled this function has pursued a policy of selling its bonds to the public as opportunity for profitable disposal arises," Thoron continued.

### Private Sale

The Public Works Administration has always encouraged communities to sell their bonds to others, thus enjoying any saving they could achieve through obtaining lower interest rates. As a result, few applicants today seek PWA loans; hundreds who have had applications on file have withdrawn their requests for loans, seeking only grants and securing from other sources, loans the Government might have made.

"From the financial point of

view," Thoron's report continued, "the results of PWA's lending policy have been extremely gratifying.

"The \$615,500,000 worth of securities, purchased up to December 31, 1936, included about \$200,500,000 railroad obligations and \$415,000,000 municipal and other bonds. Of these, over \$195,000,000 of railroad securities and \$270,500,000 of municipal bonds have been sold to the Reconstruction Finance Corporation for resale to the public or to the public directly. The greater part of the proceeds of sales has been reloaned.

"Of the balance of the securities, over \$10,000,000 had either matured in the hands of the Public Works Administration and been paid or had been cancelled by agreement in settlement of grants due borrowers.

### Hold \$133,000,000

"At December 31, 1936, the Public Works Administration still owned slightly over \$133,000,000 par value of bonds all valid, binding and legally enforceable obligations of the issuers made up approximately as follows, and comprising some 1,600 issues.

"Municipal Securities:

General Obligation Bonds	\$33,000,000
Revenue Bonds	71,000,000
Other Special Obligations	4,000,000
Bonds of Limited Dividend	
Housing Corporations	10,000,000
Railroad Securities	5,000,000
Misc. Corporate Securities	10,000,000

"Of the \$471,000,000 bonds purchased by the Reconstruction Finance Corporation from the Public Works Administration for the revolving fund, all had been resold to private investors or had been paid except approximately \$119,000,000, of which \$52,000,000 were obligations of railroad and the balance municipal securities.

## SPRAY-PAINT CLASS STARTS NEXT MONTH

Industrial and master painters, automobile refinishers and all others interested in learning the technique of spray painting and the use and care of spray painting equipment may enroll in the DeVilbiss Company training school for training periods of one week each, the company announces.

Classes start on the following dates: March 1, April 5, May 3, and June 7. Due to limited facilities it is advisable to enroll as far in advance as possible. Complete information may be obtained from the DeVilbiss Company, Toledo, Ohio.

## WILL INVITE GENERAL BIDS SOON, REPORT

### 16-Story Modernistic Structure To Be Constructed for Eastern Firm

A \$3,500,000 hotel will be constructed in downtown San Francisco in the immediate future, it was revealed yesterday, when announcement was made that general bids for the big project will be called within three or four weeks.

Plans and specifications are nearing completion, according to A. F. Krenkel of New York and San Francisco, who said yesterday he had been commissioned by the New York Corporation to prepare the plans. The firm of eastern capitalists will own and operate the hotel, Mr. Krenkel said.

If carried through to completion the hotel will be the largest private building project in San Francisco in recent years.

### Sixteen Stories

It will be 16 stories in height and will contain 1000 rooms, single with baths and in suites, Mr. Krenkel said.

Mr. Krenkel said he was unable to reveal what site had been chosen for the structure, adding that definite announcement as to its location will be made shortly.

An elaborate first-class hotel, with all the most modern of facilities and attractions, is planned by the eastern backers of the project. Representatives of the corporation expect to be in San Francisco the latter part of this week to go over final details of the project, Mr. Krenkel said.

The hotel will have a corner location, and will be "modernistic" in architecture. It will be of steel frame class "A" fireproof construction, according to Mr. Krenkel.

### Roof Garden

Among attractions to be offered by the hotel will be a dining and dancing place on the roof; three dining rooms, roof garden, convention auditorium, a bachelor bar, cocktail lounge and large garage.

One of the outstanding features of the hotel will be a swimming pool, according to Mr. Krenkel.

Space for a number of smart shops will be provided on the ground floor.

Work will be let under a general contract, Mr. Krenkel said, with minor portions of the project withheld for letting under segregated contracts. Decorators and designers for details of interior finishing have not been selected.

The sales of residential mechanical stokers for the year 1936 amounted to 76,376, a substantial increase over the number sold in 1935 which was 41,126, according to the Bureau of Census.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
250	Nelson	Nelson	3000
251	Nieri	Mixer	3000
252	Armstrong	Sandon	3000
253	Meyer	Owner	3800
254	Meyer	Owner	3800
255	Meyer	Owner	3800
256	Cypress	Meinberger	1000
257	Doelger	Owner	5000
258	Fabiano	Owner	1000
259	Hawxhurst	Coburn	1000
260	Costello	Owner	4000
261	Christensen	Williams	4500
262	Johnson	Owner	4000
263	Haight	Williams	4000
264	Haight	Williams	4600
264	Mohr	Owner	3000
265	Mohr	Owner	3000
266	Mohr	Owner	3000
267	Mohr	Owner	3000
268	Mohr	Owner	3000
269	Sharboro	Owner	8000
270	Stoneson	Owner	3500
271	Stoneson	Owner	3500
272	Chiedo	Owner	3000
273	Walker	Unit	3000
274	Hansen	Owner	1500
275	Liches	Fisher	2000
276	Sanderson	Jones	9750
277	Harbond	Alkad	6500
278	Baader	Mallock	1000
279	Bridge	Walter	2000
280	Madison	Hinson	1500
281	Stoneson	Owner	3500
282	Stoneson	Owner	3500
283	Stoneson	Owner	3500
284	Stoneson	Owner	3500
285	Stoneson	Owner	3500
286	Christensen	Owner	4000
287	Christensen	Owner	4000
288	A T	Walker	150000
289	A T	Walker	150000
290	McCarthy	Miller	1200
291	Golden	Cork	6000
292	Golden	Jensen	1000
293	Galli	Owner	4000
294	Galli	Owner	4000
295	Galli	Owner	4000
296	Heyman	Owner	5250
297	Heyman	Owner	5250
298	Heyman	Owner	4500
299	Heyman	Owner	5250
300	Heyman	Owner	5250
301	Heyman	Owner	4500
302	Heyman	Owner	4500
303	Sharman	Owner	7000
304	Sharman	Owner	7000
305	Sharman	Owner	7000
306	Cereghin	Rasori	1500
307	Neal	Wagner	4000
308	Johnson	Owner	3750
309	Coonan	Anderson	4700
310	Johnson	Owner	3750
311	Thorinson	Owner	4000

**DWELLING**  
 (250) E THIRTY-SECOND AVE. 25  
 (251) N. Moraga St. One-story and  
 basement frame dwelling.  
 Owner — R. H. Nelson, 2 Edgehill  
 Way, San Francisco.  
 Architect—Not Given.  
 Contractor—Frank E. Nelson, Inc., 2  
 Edgehill Way. \$5000

**ALTERATIONS**  
 (251) NO. 1363-71 YORK ST. Alter  
 flats.  
 Owner—Gaviglio & Nieri, 1386 Hamp-  
 shire St., San Francisco.  
 Architect—Not Given.  
 Contractor—L. Murer, 1274 Quesada  
 St., San Francisco. \$3000

**ALTERATIONS**  
 (252) NO. 717 BAY ST. Alter dwell-  
 ing.  
 Owner — Beth Armstrong, 281 Post  
 St., San Francisco.  
 Architect—William Wilson Wurster,  
 260 California Street.

Contractor — Harry L. Sandon, 1429  
 Bernal Ave., Burlingame. \$3000

**DWELLING**  
 (253) E TERESITA BLVD. 460 S  
 Portola Dr. One-story and base-  
 ment frame dwelling.  
 Owner and Builder—Meyer Brothers,  
 735 Portola Drive.  
 Architect—Not Given. \$3,800

**DWELLING**  
 (254) E TERESITA BLVD. 510 S  
 Portola Dr. One-story and base-  
 ment frame dwelling.  
 Owner and Builder—Meyer Brothers,  
 735 Portola Drive.  
 Architect—Not Given. \$3,800

**DWELLING**  
 (255) E TERESITA BLVD. 485 S  
 Portola Dr. One-story and base-  
 ment frame dwelling.  
 Owner and Builder—Meyer Brothers,  
 735 Portola Drive.  
 Architect—Not Given. \$3,800

**ALTERATIONS**  
 (256) 34 TURK ST. Alter hotel.  
 Owner—Cypress Lawn Cemetery As-  
 sociation, care contractor.  
 Contractor — H. S. Meinberger, 958  
 Polson Street.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (257) W 16th AVE 297 S Lawton.  
 One - story frame dwelling.  
 Owner and Builder—Henry Doelger,  
 Builder, Inc., 320 Judah St.  
 Architect—Not Given. \$5,000

**ALTERATIONS**  
 (258) SW BAYSHORE and Cort-  
 land. Alter store.  
 Owner—Vincenzo Fabiano, 356 Bay-  
 shore Blvd.  
 Architect—Not Given. \$1,080

**ALTERATIONS**  
 (259) 417 JUSTIN DR. Alter dwell-  
 ing.  
 Owner—John Hawxhurst, care con-  
 tractor.  
 Contractor—L. W. Coburn, 2045 Mar-  
 ket Street.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (259) E 32nd AVE 150 S Judah St.  
 On - story and basement frame  
 dwelling.  
 Owner and Builder—Michael Costel-  
 lo, 821 34th Ave.  
 Architect—Not Given \$1,000

**DWELLING**  
 (261) W 23rd AVE 200 S Kirkham.  
 One - story and basement frame  
 dwelling.  
 Owner—Heiman Christensen, 1801  
 19th Avenue.  
 Contractor—Williams Const. Co., 137  
 Shakespeare St.  
 Architect—Not Given \$4,500

**DWELLING**  
 (262) E 18th AVE 55 N Wawona  
 One - story and basement frame  
 dwelling.  
 Owner and Builder—S. E. Johnson,  
 600 Wawona.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (263) S 28th AVE 20 N Douglas.  
 One - story and basement frame  
 dwelling.  
 Owner—E. M. Haight, care contrac-  
 tor.  
 Contractor—Williams Const. Co., 137  
 Shakespeare St.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (264) S 26th ST. 55 E Douglas. One-  
 story and basement frame dwell-  
 ing.  
 Owner—R. M. Haight, care contrac-  
 tor.  
 Contractor—Williams Const. Co., 137  
 Shakespeare Street.  
 Architect—Not Given. \$4,600

**DWELLING**  
 (264) E. CHESTER, 300 S PAY-  
 SON. One-story and basement  
 frame dwelling.  
 Owner—Rudolph Mohr & Sons, 4482  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (265) E. CHESTER, 275 S PAYSON.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 4482  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (266) E. CHESTER, 350 S PAYSON.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 4482  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (267) E. CHESTER, 325 S PAYSON.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 4482  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (268) E. CHESTER, 250 S PAYSON.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 4482  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (268) E DIVISADERO, 103 S VAL-  
 LEO. Two-story and basement  
 frame dwelling.  
 Owner—Sharboro & Jorgensen, 2225  
 North Point St.  
 Architect—John Ahnden, care Con-  
 tractor. \$9000

**DWELLING**  
 (270) NW ROME, 121 NE MT. VER-  
 NON One-story and basement  
 frame dwelling.  
 Owner—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3500

**DWELLING**  
 (271) NW ROME, 96 NE MT. VER-  
 NON. One-story and basement  
 frame dwelling.  
 Owner—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3500

**DWELLING**  
 (273) S MONTANA, 365 E ORI-  
 ZABA AND CAFFOL. One-  
 story and basement frame dwell-  
 ing.  
 Owner—S. E. Walker, 3784 20th St  
 Contractor — Inlt Construction Co.,  
 557 Market  
 Architect—Not Given \$3500

**ALTERATIONS**  
 (274) 1800 SUTTER. Alter dwelling.  
 Owner—Martin Hansen 718 Howard  
 Architect—Not Given \$1500

**ALTERATIONS**  
 (275) SE COR POST AND GRANT  
 Alter store.  
 Owner—H. Liches Co. Prem.  
 Contractor—A. P. Fisher, 111 Sutter  
 Architect—Not Given. \$2000

## DWELLING

(276) E. HYDE, 100 N CHESTNUT.  
Two-story and basement frame  
dwelling.  
Owner—M. J. and C. W. Sanderson,  
1969 Vallejo.  
Contractor—Thomas W. Jones, 643  
29th Ave.  
Architect—Paul Ryan, Phelan Bldg.  
Engineer—Thos F. Chace, Berkeley.  
\$9750

## CLASS C FACTORY

(277) SW COR. BRYANT AND  
BOARDMAN PLACE. One-story  
Class C Factory.  
Owner—Julius Harband, care Con-  
tractor.  
Contractor—W. C. Akard, 225 Cer-  
vantes.  
Engineer—Hyman Rosenthal, 76 6th  
Ave. \$6500

## ALTERATIONS

(278) 275 8TH ST. Alter factory.  
Owner—E Baader, 125 Albion.  
Contractor—J. S. Mallock, 666 Mis-  
sion.  
Architect—Not Given. \$1000

## ALTERATIONS

(279) 140 MAIDEN LANE. Alter  
store.  
Owner—Barbara Bridge, Mercedes  
Bldg.  
Contractor—Walter Mfg. Co., 5875  
Mission.  
Architect—Williams & Grimes, 251  
Post St.

## ALTERATIONS

(280) 824 LAGUNA ST. Alter room-  
ing house.  
Owner—Madison & Burke, Agents, 80  
Post St.  
Contractor—L. A. Hinson, 756 4th  
Ave.  
Architect—Not Given. \$1500

## DWELLING

(281) NW ROME, 196 NE MT. VER-  
NON. One-story and basement  
frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

## DWELLING

(282) NW ROME, 221 NE MT. VER-  
NON. One-story and basement  
frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

## DWELLING

(283) NW ROME, 171 NE MT. VER-  
NON. One-story and basement  
frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

## DWELLING

(284) NW ROME, 146 NE MT. VER-  
NON. One-story and basement  
frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

## DWELLING

(285) SW SHAWNEE, 54 SE DE-  
LANO. One-story and basement  
frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

## DWELLING

(286) W. 25TH AVE. N SANTI-  
AGO. One-story and basement  
frame dwelling.  
Owner—Herman Christensen, 1801  
19th Ave.  
Architect—C. O. Clausen, 746 46th  
Ave. \$4000

## DWELLING

(287) N. SANTIAGO, 95 W 28TH  
AVE. One-story and basement  
frame dwelling.  
Owner—H. Christensen, 1801 19th  
Ave.  
Architect—C. O. Clausen, 746 46th  
Ave. \$4000

## EXCAVATIONS

(288) W. FOURTH ST. Excavations  
and foundations for terminal.  
Owner—A. T. & S. F. Ry. Co., Sixth  
and Main Sts., Los Angeles.  
Contractor—E. J. Walker Co., 607  
Sharon Bldg.  
Architect—Not Given. \$20,000

## FREIGHT HOUSE

(289) NW BRYANT AND SPEAR  
Class B Freight House.  
Owner—A. T. & S. F. Ry. Co., 1001  
Third St.  
Contractor—Lindgren & Swinerton,  
Inc., 225 Bush St.  
Architect—H. L. Gilman, Los An-  
geles.  
Engineer—M. C. Blanchard, Los An-  
geles. \$150,000

## ALTERATIONS

(290) 235 FRONT ST. Alter ware-  
house.  
Owner—McCarthy Bros., 235 Front  
St.  
Contractor—Miller & McGills, 4444  
Geary Blvd.  
Architect—Not Given. \$1200

## ALTERATIONS

(291) 366 GUERRERO. Alter fac-  
tory.  
Owner—Golden State Co. Ltd., Prem.  
Contractor—Cork Insulation Co., Inc.,  
462 Bryant.  
Architect—Not Given. \$6000

## ALTERATIONS

(292) 570 UNION ST. Alter school.  
Owner—Golden Gate Kindergarten  
Assn—Prem.  
Contractor—G. P. W. Jensen & Sons,  
Inc., 320 Market  
Architect—W. C. Perry, 260 Califor-  
nia. \$1000

## DWELLING

(293) W 24th AVE. 170 S Ocean.  
One - story and basement frame  
dwelling.  
Owner and Builder—R. F. Galli, 377  
West Portal Avenue.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$4,000

## DWELLING

(294) W 24th AVE. 206 S Ocean.  
One - story and basement frame  
dwelling.  
Owner and Builder—R. F. Galli, 377  
West Portal Avenue.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$4,000

## DWELLING

(295) W 24th AVE. 242 S Ocean.  
One - story and basement frame  
dwelling.  
Owner and Builder—R. F. Galli, 377  
West Portal Avenue.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$4,000

## DWELLING

(296) NE COR WILLARD and Turk  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$5,250

## DWELLING

(297) E WILLARD ST. 94 N Turk  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$5,250

## DWELLING

(298) E WILLARD St. 191 N Turk  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$4,500

## DWELLING

(299) E WILLARD St. 158 N Turk  
One - story and basement frame  
dwelling.

Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$5,250

## DWELLING

(300) E WILLARD St. 63 N Turk.  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$4,500

## DWELLING

(301) E WILLARD St. 30 N Turk.  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$5,250

## DWELLING

(302) E WILLARD St. 127 N Turk.  
One - story and basement frame  
dwelling.  
Owner and Builder—Heyman Bros.,  
742 Market Street.  
Architect—Not Given. \$4,500

## FLATS

(303) SW CHESTNUT and Buchan-  
an Sts. Two-story frame flats.  
Owner and Builder—Thos. R. Shar-  
man, 3700 Buchanan Street.  
Architect—Not Given. \$7,000

## FLATS

(304) S CHESTNUT 41 W Buchan-  
an Sts. Two-story frame flats.  
Owner and Builder—Thos. R. Shar-  
man, 3700 Buchanan Street.  
Architect—Not Given. \$7,000

## FLATS

(305) W BUCHANAN 25 S Chest-  
nut Sts. Two-story frame flats.  
Owner and Builder—Thos. R. Shar-  
man, 3700 Buchanan Street.  
Architect—Not Given. \$7,000

## ALTERATIONS

(306) NE COR BAKER and Chest-  
nut Streets. Alter dwelling.  
Owner—N. Cereghino, 2596 Chestnut.  
Builder—S Rasori, Call Bldg.  
Architect—Not Given. \$1,600

## WAREHOUSE

(307) NE COR 17th and Connecti-  
cut Streets. Two-story Class C  
warehouse.  
Owner—Real Estate Developm't Co.,  
Hearst Building.  
Contractor—Geo. Wagner, 181 South  
Park.  
Architect—Not Given. \$13,000

## DWELLING

(308) W 25th AVE. 75 N Rivera.  
One - story and basement frame  
dwelling.  
Owner and Builder—N. E. Johnson,  
666 Mission Street.  
Architect—C. O. Clausen, 746 46th  
Avenue. \$3,750

## ALTERATIONS

(309) 1321 WALLER ST. Alter flats.  
Owner—F. Coonan, 2125 Hayes St.  
Contractor—P. Anderson, 4082 Army  
Architect—Not Given. \$1,700

## DWELLING

(310) W 25th AVE. 50 N Rivera  
One - story and basement frame  
dwelling.  
Owner and Builder—N. E. Johnson,  
666 Mission Street.  
Architect—C. O. Clausen, 746 46th  
Avenue. \$3,750

## DWELLING

(311) W 34th AVE. 125 N Vicente  
One - story and basement frame  
dwelling.  
Owner and Builder—F. H. Thorn-  
sen, 1630 Ocean Avenue.  
Architect—Not Given. \$4,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
145	Graves	Beckett	6000
146	Heine	Vila	5700
147	Berry	Leifer	2987
148	Wright	Fox	1800
149	Abadie	Haskell	11100
150	White	Owner	4500
151	Austen	Cone	12000
152	Wheat	Bartholomew	5929
153	Manasse	Buel	2000
154	Pond	Pond	3000
155	Leopold	Owner	1200
156	Windsor	Windsor	9500
157	Kramer	Haskell	1350
158	Pacific	Dinwiddie	5000
159	Leekins	Owner	5500
160	Brasch	Owner	4000
161	Brasch	Owner	4000
162	Brasch	Owner	4000
163	Brasch	Owner	4000
164	Brasch	Owner	4000
165	Sherman	Owner	5000
166	Pucci	Valente	4900
167	Harrie	Haulman	5500
168	Barton	Tollefsen	4500
169	Leonardo	Owner	3000
170	Wartchow	Owner	1400
171	Scott	Strong	7800
172	Hufschmidt	Owner	5000
173	Linton	Van Ness	3300

DWELLING  
(145) NO. 4407 MORAGA ROAD, OAKLAND. Two-story six-room dwelling.  
Owner—G. Arnold and P. Graves, 232 Monte Vista Ave., Oakland.  
Architect—Not Given.  
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. \$6000

DWELLING  
(146) NO. 5941 PINEWOOD ROAD, OAKLAND. Two-story six-room dwelling.  
Owner—F. C. Heine, San Francisco.  
Architect—Not Given.  
Contractor—Joe Vila, 1207 Solano Ave., Albany. \$5700

DWELLING  
(147) NO. 335 VERMONT STREET, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—Mrs. E. M. Berry, 1355 6th Ave., San Francisco.  
Architect—B. Schreyer, 1335 Russ Bldg., San Francisco.  
Contractor—E. T. Leifer & Sons, 811 37th St., Oakland. \$2987

ALTERATIONS  
(148) NO. 2211 TELEGRAPH AVE., BERKELEY. Alterations.  
Owner—Miller & Wright, Premises.  
Architect—Not Given.  
Contractor—Fox Bros., 1478 University Ave., Berkeley. \$1500

DWELLING  
(149) 2932 ESTATES DRIVE, OAKLAND. One-story 7-room dwelling.  
Owner—L. F. Abadie.  
Contractor—A. A. Haskell 255 Ridgeway Ave., Oakland.  
Architect—Miller & Warnecke, 14th and Franklin Sts., Oakland. \$11,100

ALTERATIONS  
(150) 2325 HUGHES AVE., OAKLAND. Alterations and addition to apartments.  
Owner and Contractor—W. G. White, 2320 Hughes Ave., Oakland.  
Architect—Not Given. \$4,500

STORE  
(151) 1446-50 LEIMERT BLVD., OAKLAND. One-story frame store.  
Owner—Hugo Armstein and H. A. Mitchell, San Francisco.  
Contractor—Wilbur C. Cone, 608 16th St.  
Architect—E. T. Foulkes, 357 12th St. \$12,000

DWELLING  
(152) 4240 REINHART, OAKLAND. One-story 5-room dwelling.  
Owner—Geo. A. Wheat, 1520 Santa Clara, Alameda.  
Contractor—L. A. Bartholomew, 1520 Santa Clara, Alameda.  
Architect—Not Given. \$5929

OFFICE BUILDING  
(153) 1300 4TH ST., BERKELEY. One-story 5-room office bldg.  
Owner—Manasse Block Tanning, 4th and Gilma.  
Contractor—E. H. Buel, 5340 Grove.  
Architect—Not Given. \$2000

DWELLING  
(154) 2214 BONAR, BERKELEY. One-story 5-room frame dwelling.  
Owner—J. K. Pond, 1056 Ardmore.  
Contractor—C. P. Pond, 13th and Webster, Oakland.  
Architect—Not Given. \$3000

ADDITION  
(155) 1224 BONITA, BERKELEY. Addition.  
Owner & Builder—R. S. Leopold, Premises.  
Architect—Not Given. \$1200

DWELLING  
(156) 40 SHARON AVE., PIEDMONT. Two-story seven-room residence.  
Owner—Martha Windsor, 11 Sharon Ave., Piedmont.  
Contractor—Geo. Windsor, 11 Sharon Ave., Piedmont.  
Architect—Not Given. \$9,500

DWELLING  
(157) 176 HAZEL LANE, PIEDMONT. Two-story ten-room dwelling and garage.  
Owner—Mr. and Mrs. Edw. H. Kramer, 1060 Sunnyhills Road, Piedmont.  
Contractor—Albert A. Haskell, 255 Ridgeway, Oakland.  
Architect—Miller and Warnecke, Financial Center Bldg., Oakland. \$14,950

REPAIRS  
(158) 515-20-22 15th ST., OAKLAND. Fire repairs.  
Owner—Pacific Mutual Life Ins. Co., 609 Market St., San Francisco.  
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.  
Architect—Not Given. \$5,000

DWELLING  
(159) 5091 PROCTOR AVE., OAKLAND. Two-story 6-room dwelling.  
Owner and Builder—C. W. Leekins, 6054 LaSalle Ave., Oakland.  
Architect—Not Given. \$5,500

DWELLING  
(160) 157 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner and Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$1,000

DWELLING  
(161) 1451 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner and Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$4,900

DWELLING  
(162) 1461 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner and Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$1,000

DWELLING  
(163) 1421 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.

Owner and Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$4,000

DWELLING  
(164) 1471 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner and Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$4,000

DWELLING  
(165) 5837 MORPETH ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Henry V. Sherman, 2844 San Jose Ave., Alameda.  
Architect—Not Given. \$5000

DWELLING  
(166) 482 50TH ST., OAKLAND. One-story 5-room dwelling.  
Owner—D. Pucci, Prem.  
Contractor—M. E. Valente, 5118 Clarke St.  
Architect—Not Given. \$4900

DWELLING  
(167) 709-15 BEATIE ST., OAKLAND. One-story 8-room 2-family dwelling.  
Owner—J. W. Harrie, 3432 Adell Ct.  
Contractor—F. Royal Haulman, 1243 Broadway, Alameda.  
Architect—Not Given. \$5500

DWELLING  
(168) 4916 HARBOARD DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner—D. D. Barton, 2919 E. 29th St.  
Contractor—C. Tollefsen, 1735 High St.  
Architect—Not Given. \$1500

DWELLING  
(169) 1854 64TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—P. J. Leonardo & Son, 1455 86th Ave.  
Architect—Not Given. \$3000

FACTORY  
(170) 9511 SAN LEANDRO ST., OAKLAND. One-story factory.  
Owner and Builder—A. H. Wartchow, 9613 Thermal St.  
Architect—Not Given. \$1400

DWELLING  
(171) 4382 BRIDGEVIEW DRIVE, OAKLAND. Two-story 7-room dwelling.  
Owner—Mrs. Mary Scott, 561 42nd St.  
Contractor—V. N. Strong, 1521 9th St. Alameda.  
Architect—Not Given. \$7800

DWELLING  
(172) 141 FLORENCE AVE., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—Hufschmidt & Whalen, 567 17th St.  
Architect—Not Given. \$5000

DWELLING  
(173) 4500 VIRGINIA AVE., OAKLAND. One-story 5-room dwelling.  
Owner—G. W. Linton, 4622 E. 14th St.  
Contractor—J. E. Van Ness & Son, 4920 Park Blvd.  
Architect—Not Given. \$3200

BUILDING CONTRACTS  
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
13	S. P. Co.	Fiehrick	6126
13	Holheit	Williams	4150
14	Holheit	Williams	4275
15	Holheit	Williams	4150
16	Holheit	Williams	4150
17	Armstrong	Cone	14000
15	Friedman	Philbrick	4052

## STATION

(13) FRUITVALE POWER STATION, Oakland. Rebrickng boiler in boiler room.

Owner—Southern Pacific Company.

Architect—Not Given.  
Contractor—J. N. J. Firebrick Constr. Co.

Filed Feb. 5, '37. Dated Jan. 29, '37.  
Labor and materials end of each month ..... 90%  
Usual 35 days ..... 10%  
TOTAL COST, \$6426.12

Bond, \$6426.12. Surety, Pacific Indemnity Co. Limit, 104 days. Forfeited, none. Plans and specifications filed.

## DWELLING

(13) S 26th ST. 30 E Douglas St. One - story and basement frame dwelling.

Owner—R. M. Haight, 214 Faxon. Architect—Not Given.  
Contractor—J. B. Williams, 137 Shakespeare Street.

Filed and Dated, .....  
Frame up ..... \$1037.50  
Plaster on ..... 1037.50  
Completion ..... 1037.50  
Usual 35 days ..... 1037.50  
TOTAL COST, \$4150.00

Bond, \$4150. Sureties, Mass. Bonding & Ins. Co. Limit, 80 days.

## DWELLING

(14) E DOUGLASS 76 S 26th St. One - story and basement frame dwelling.

Owner—R. M. Haight, 214 Faxon. Architect—Not Given.  
Contractor—J. B. Williams, 137 Shakespeare Street.

Filed and Dated, .....  
Frame up ..... \$1068.75  
Plaster on ..... 1068.75  
Completion ..... 1068.75  
Usual 35 days ..... 1068.75  
TOTAL COST, \$4275.00

Bond, \$4275. Sureties, Mass. Bonding & Ins. Co. Limit, 110 days.

## DWELLING

(15) S 26th ST 55 E Douglas St. One - story and basement frame dwelling.

Owner—R. M. Haight, 214 Faxon. Architect—Not Given.  
Contractor—J. B. Williams, 137 Shakespeare Street.

Filed and Dated, .....  
Frame up ..... \$1037.50  
Plaster on ..... 1037.50  
Completion ..... 1037.50  
Usual 35 days ..... 1037.50  
TOTAL COST, \$4150.00

Bond \$4150. Sureties, Mass. Bonding & Ins Co. Limit, 95 days.

## DWELLING

(16) N 21st ST 130 E Douglas St. One - story and basement frame dwelling.

Owner—R. M. Haight 214 Faxon. Architect—Not Given.  
Contractor—J. B. Williams, 137 Shakespeare Street.

Filed and Dated, .....  
Frame up ..... \$1037.50  
Plaster on ..... 1037.50  
Completion ..... 1037.50  
Usual 35 days ..... 1037.50  
TOTAL COST, \$4150.00

Bond, \$4150. Sureties, Mass. Bonding & Ins. Co. Limit, 125 days.

## STORE BLDG

14 LEIMERT BLVD and Arden Place Oakland Store building.

Owner—Hugo and Erma Arnstein, H. A. and Myrtle E. Mitchell. Architect—E. T. Foulkes, 357 12th St. Oakland.

Contractor—Willow C. Co., 608 16th St. Oakland.

Filed, Feb. 10 '37 Dated, Feb. 6, '37.  
Four foundation in etc ..... \$3500.00  
Brown coated ..... 3500.00  
Completion ..... 3500.00

Usual 35 days ..... 3500.00

Contractor to work on 7% of cost basis.

TOTAL COST, \$14,000.00  
Bond, \$14,000. Sureties, Massachusetts Bonding Co. Limit, April 15. Plans and specifications filed.

## ALTERATIONS

(15) 586 14th ST., Oakland. Alterations add additions.

Owner—M. Friedman Paint Co., Inc., 586 14th St., Oakland.

Architect—Miller and Warnecke, Financial Center Bldg., Oakland.  
Contractor—A. L. Philbrick, 424 Euclid Ave., Oakland.

Filed, Feb. 10, '37. Dated, Feb. 9, '37.  
Job 50% complete ..... \$1500.00  
Completion ..... 1500.00  
Usual 35 days ..... 1053.00

TOTAL COST, \$4053.00  
Bond, \$4053. Sureties, Hartford Accident & Indemnity Co. Limit, 30 days. Plans and Spec. filed.

## SAN FRANCISCO COUNTY UNDER \$1,000

ALTER dwelling, \$700; SE Cor. Noe and Clifford; owner, E. Chiodo, 1253 Noe St.

ALTER dwelling, \$100; 682-A 46th Ave.; owner, Mary C. Fairclott, 4436 Balboa.

ALTER dwelling, \$450; 4014 California; owner, John Ellis Jones, Prem.

ALTER Turkish bath, \$20; 1052 Geary; owner, Eade Co., Prem.; contractor, Jack Rosen, 1925 Hayes St.

ALTER store, \$700; Cor of 8th and Market; owner, The A. C. Whitcomb Estate, 310 Sansome St.

ALTER flats, \$300; 576 Hice; owner, Axel Laska, Prem.

SIGN, \$90; 1280 Market St.; owner, Mr. Weiss, Prem.; contractor, Al Laib, 1280 Market.

ALTER dwelling, \$300; 525 Precita Ave.; owner, Herman Zimmerman; Prem.; contractor, Norman Nelson, 234 Naples St.

ALTER barber shop, \$100, 3814 Irving St.; owner, Sarah Chantelouis, Prem.

ALTER restaurant, \$150; 2843 Geary; owner, R. Covett, Prem.; contractor, Royal Show Case Co., 77 McAllister.

ALTER garage, \$450; 1101 Sutter; owner, E. B. Court, Prem.

ALTER restaurant, \$509; 5163 Mission; owner, Antoni H. Collio, Prem.

ALTER bank \$500; 9th and Market Sts.; owner, Capital Co., 825 Market St.; contractor, Walter Mfg Co., 5875 Mission St.

BILLBOARD, \$7 S Howard 38 E 12th; owner, Foster and Kleiser Co., 1675 Eddy St.

BILLBOARD, \$13 E Mission 195 S Murray; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER apartments, \$100; 1670 Market St.; owner, Gaffner & Luce, Prem.

ALTER dwelling and store, \$125; 3791 Sacramento; owner, J. P. Ryan, Prem.; contractor, Kaffka & Rasmussen, 50 San Gabriel Ave.

SIGN, electric \$150; 597 Turk; owner, Polk Turk Tavern, 587 Turk; contractor, Apex Elec Co., 363 Fell St.

FLIES, \$60; 1047-19-51 Franklin St.; owner, Mrs. Fletcher, 947 Franklin; contractor, E. G. Houchin, 29 Moss St.

ALTER flats \$150; 234 26th Ave.; owner, Joseph Garner, Prem.

ALTER dwelling, \$490; 725 Marina Blvd.; owner, Carl Wimmer, Prem.; contractor, J. Harold Johnson, 668 Mission; Plans by Geo. H. Wemeyer, 605 Market.

ALTER sidewalk, \$60; 815 Clay; owner, Chan Wing Chu Pong

Prem.; contractor, W. B. Heckling, 2216 Clement St.

BILLBOARD, \$13; E. Mission, 305 S College; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; W. Mission, 451 N Seneca; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$200; 850 6th Ave.; owner, J. J. Qulin, Prem.

SIGN, electric, \$200; 1984 Mission; owner, Coay Corner Coffee Shop, Prem.; contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$125; 2840 California; owner, Maurice, Prem.; contractor, Apex Elec. Co., 363 Fell.

BILLBOARD, \$13; N. Polson, 75 E 5th St.; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUE, \$27; 1116 Naples; owner, Geo. Campodonico, Prem.; contractor, John Marshall, 4447 Mission.

SIGN, electric, \$50; 1819 Van Ness Ave.; owner, Flynn & Collins, Prem.; contractor, Brumfield El. Sign Co., 965 Folsom.

SIGN, electric, \$350; Ne Polk and Union; owner, Shumate's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom.

ALTER flats, \$150; 745 Cabrillo; owner, Rollin L. Rintoul, 522 Connecticut.

ALTER dwelling, \$450; 1219 Carina St.; owner, Herman J. Koch, Prem.

FLUES, \$400; E. Hyde, 97 S Francisco; owner, J. Blumenfeld, 25

## ALAMEDA COUNTY PERMITS UNDER \$1,000

REPAIRS, \$470; 100 9th St., Oakland; owner, R. B. McMullen, Richfield Oil Co.; contractor, Robt. E. Sheridan, 2201 Brush St.

SIGN, metal, \$37; Webster St., Oakland; owner and contractor, A. R. Johnston, Prem. Also metal sign, \$15.

SIGN, metal, \$40; 4212 Park Blvd., Oakland; owner, Wagner's Pharmacy, Prem.; contractor, Sims Neen Co., 3213 Adeline St., Berkeley.

BILLBOARD, \$75; SW Cor. 32nd & Cypress St., Oakland; owner and contractor, Foster & Kleiser, 22nd and Market St.

BILLBOARD, \$25; N Foothill Blvd., 96 W 60th Ave., Oakland; owner and contractor, Foster & Kleiser, 22nd and Market St.

SIGN, metal, \$100; 2793 Telegraph Ave., Oakland; owner, Mr. Fong, Prem.; contractor, Campbell Signs, 932 Harrison St. Also metal sign, \$50.

SIGN, electric, \$150; 3802 Grove St., Oakland; owner, Bi Rite Market, Prem.; contractor, Imp. El. Sign Co., 2228 Myrtle St.

SIGN, electric, \$100; E 1422 Franklin St., Oakland; owner, Geo. Dyan Co., Prem.; contractor, Imp. El. Sign Co., 2228 Myrtle St.

SIGN, electric, \$130; 112 Grand Ave., Oakland; owner, Val's Dairy Lunch, Prem.; contractor, Imp. Elec. Sign, owner, 2228 Myrtle St.

ALTERATIONS, \$200; 1701-11 Telegraph Ave., Oakland; owner and contractor, Barrett & Hild and D. J. Sullivan, 518 Harrison St., San Francisco.

RE-ROOFING, \$42; 3855 Colby St., Oakland; owner, E. Lundino, Prem.; contractor, Reinforced Roofing Co., 676 45th St.

RE-ROOF, \$100; 5810 Seminary Ave., Oakland; owner, Mias Malott, Prem.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

RE-ROOF, \$50; 2314 Harrington Avenue, Oakland; owner, Mr. Reives, Prem.; contractor, Hogan Bldg. & Roof Co., 3002 Foothill Blvd.

ALTERATIONS \$100; 430 42nd St., Oakland; owner and contractor, Frank Perata, Prem.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theaters              |
| 7.—Federal Buildings            | 18.—Wharves & Docks                         |
| 8.—Club Buildings               | 19.—Misc. Supplies & Hotels                 |
| 9.—Hospitals                    |                                             |
| 10.—Hotels                      |                                             |

### 1— APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$35,000  
**SANTA CRUZ, Santa Cruz Co., Cal.**  
 Locust Street.

One 2-story and one 3-story four-unit frame and stucco apt. bldgs. (four 3-room, three 5-room and one 6-room apartments), hardwood floors, gas furnace, composition flat roof, steel sash, tile baths and showers, individual refrigerators, etc.

Owner—Mrs. Hettie I. Peters.  
 Architect—Edward W. Kress, 492 First National Bank Bldg., San Jose.

Contractor—W. C. Thompson, Rt. 2, Box 351, Santa Cruz.

**Bids Rejected**  
**APARTMENT COURT** Cost, \$12,000  
**BAKERSFIELD, Kern Co., Calif. N**  
 and 16th Streets.

Four-unit court and two 3-car garages; wood frame, stucco interior and exterior, composition roof, wood sash, redwood bark insulation in ceiling, Celotex ceiling, interior tile showers, concrete slab floors covered with Azrock asbestos tile (floor footage, 600 sq. ft. per unit).

Owner—Dean Hurley.  
 Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno, and Ernest J. Kump, Jr., Bakersfield.

All bids have been rejected. The complete bids follow:  
 C. C. Foley, Bakersfield—\$10,800; alternate, \$5,779.

O. D. Williams, Jr., Bakersfield—\$11,115; alt., \$5,694.

J. N. Harvey, Bakersfield—\$11,930; alt., \$6,298.

### 3— CHURCHES

**Bids Asked To Be Re-Submitted**  
**CHURCH** Cost, \$.....  
**SAN FRANCISCO, Octavia and Pine**  
 Streets.

Three-story frame church (wood exterior).

Owner—Buddhist Mission of North America.

Plans by G. G. Shimamoto, 1534 Geary Street.

Structural Engineer—C. J. Shy, 251 Kearny Street.

Contractors who submitted general construction bids on February 4 have been requested to re-submit bids to be opened today at 5 P. M., as follows:

- (1) General bid for excavating, concrete, carpentry, mill sheet metal, priming coat of paint and miscellaneous iron.
- (2) Segregated bids for (a) roofing,

(b) terrazzo tile (c) electric and (e) plumbing.

**Contract Awarded**  
**STAIRS** Cost, Fr., \$1,793  
**SAN FRANCISCO, St. Patrick's**  
 Church, 3rd and Mission Sts.  
 Steel stairs.

Owner—Archbishop of San Francisco, 1100 Franklin St.  
 Architect—Arnold Constable, 580 Market St.

Contractor—Patterson & Koster Iron Works, Inc., 250 13th St.

### 4— FACTORIES & WAREHOUSES

**Contract Awarded**  
**WAREHOUSE** Cost, \$13,000  
**SAN FRANCISCO, NE Cor. 17th &**  
 Connecticut Sts.

Two-story Class C warehouse.  
 Owner—Real Estate Development Co., Hearst Bldg.  
 Architect—Not Given.  
 Contractor—George Wagner, 181 So. Park.

**Sub Contracts Awarded**  
**MFG. PLANT** Cost, \$150,000  
**SAN FRANCISCO, Steuart St., bet.**  
 Howard and Folsom Sts.

Two-story steel and concrete manufacturing plant for dry ice and carbonic gas; brick panel walls.  
 Owner—The Liquid Carbonic Pacific Corp., Ltd., 539 Mission St., San Francisco.

Plans by Construction Department of Owner, Chicago Office.  
 Consulting Engineer—Leland Rosemer, 238 Sansome St., San Francisco.

Mechanical Engineer—Liebermann & Hein, 190 North State St., Chicago.

Contractor—L. C. Duno, 424 Monadnock Bldg.

**Brick Work—White & Gloor, 445 Monadnock Bldg., San Francisco.**

**Steel and Fire Doors—Gleason Steel Products Co., 1310 63rd St., Oakland.**

**Steel Sash—Detroit Steel Products Co., 111 Sutter St., San Francisco.**

**Electric Work—G. H. Armstrong, 1358 Van Ness Ave. So., San Francisco.**

**Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.**

**Lineoleum—Van Fleet Frear Co., 557 Howard St., San Francisco.**

**Bids In—Held Under Advertisment**  
**WAREHOUSE** Cost, \$25,000  
**OAKLAND, Alameda Co., Calif. 4th**  
 and Jackson Sts.

One-story wood frame Class C wholesale warehouse and offices, sprinkler system, warm air heating system, plastering and electrical work, some asphaltic tile.

Owner—S. & W. Pine Foods, Inc., 4th and Berry Sts., San Francisco.  
 Engineer—Jesse Rosenwald, 525 Market St., San Francisco.

Announcement shortly.

**Plans Being Figured—Bids Close**  
 Today, 2 P. M.

**INDUSTRIAL BLDG.** Cost, \$.....  
**SAN FRANCISCO, San Bruno Ave**  
 bet. Army and Bayshore.

One-story frame and concrete industrial building.

Owner—Bottin Real Estate Co., 604 Mission Street.

Architect—Angus McSweeney, 604 Mission Street.

**Plans Being Figured—Bids Close**  
 Feb. 10, 10 A. M.

**WAREHOUSE** Cost, \$75,000  
**OAKLAND, Alameda Co., Calif. 4th**  
 and Jackson Streets.

One-story wood frame Class C wholesale warehouse and offices, sprinkler system, warm air heating system, plastering and electrical work, some asphaltic tile.

Owner—S. & W. Pine Foods, Inc., 4th and Berry Sts., San Francisco.  
 Engineer—Jesse Rosenwald, 525 Market St., San Francisco.

J. H. Christensen Co., 1955 Webster St., Oakland, is figuring plans and desires sub-bids on all portions of the work.

It was previously reported in error that these bids closed Feb. 10, Noon.

**Completing Plans**  
**CREAMERY BLDG.** Cost, \$.....  
**SAN FRANCISCO, Calif. Marina**  
 District.

Reinforced concrete and frame creamery building containing retail store work rooms, toilets, tile and cement floors, composition roof, structural glass, etc.

Owner—Name withheld.  
 Architect—Sidney A. Colton, 544 Market St., San Francisco.

General figures will be asked within a few days.

**Sub-Contracts Awarded.**  
**ADDITION** Cost, \$50,000  
**SOUTH SAN FRANCISCO, San Mateo**  
 Co., Linden Avenue.

Concrete and steel addition to factory.

Owner—E. I. duPont de Nemours & Co. (David G. Kennedy, Plant Mgr.), Linden Ave., South San Francisco.

Architect—Not Given.  
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.

**Steel Sash—Detroit Steel Products Co., 111 Sutter St.**

**Elevators—Otis Elevator Co., 1 Beach Street.**

**Sheet Metal—H. H. Robertson Co., 50 Hawthorne St.**

**Fire Doors and Hardware—Fire Protection Products Co., 1101 16th St.**

**Glass—W. P. Fuller & Co., 301 Mission Street.**

**Steel Rolling Doors—Kinnear Mfg. Co., 361 Brannan St.**

**Reinforcing Steel—Bethlehem Steel Co., 20th and Illinois Sts.**

**Placing of Reinforcing Steel—J. Phillip Murphy, 3901 Mission St.**

**Erection of Structural Steel—Joe Gerriek & Co., 74 New Montgomery Street.**

All bidders of San Francisco. As previously reported, structural steel awarded Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

**Bids In—Held Under Advertisment**  
**INDUSTRIAL BLDG.** Cost, \$.....  
**SAN FRANCISCO, Calif. 15th and**  
 Julian Sts.

One-story and mezzanine frame and concrete industrial building.

Owner—D. Maas, care Bathin Real Estate Co., 604 Mission St.

Architect—Angus McSweeney, 604 Mission St.  
 Announcement shortly.

**Contract Awarded**  
**ALTEE FACTORY** Cost, \$5,000  
**SAN FRANCISCO, 366 Guerrero St.**  
 bet. Golden Gate Co. Factory.

Owner—Golden State Co., Ltd.  
 Architect—Not Given.  
 Contractor—Cork Insulation Co., Inc.  
 3462 Bryant Street.





### Plans Being Figured—Bids Close March 4, 10 A. M.

**RESIDENCES** Cost, \$.....  
**FRRIANT**, Fresno Co., Calif. 22 miles  
 north of Fresno. Government  
 Camp at Friant Dam, Central  
 Valley Water Project.

Twenty-five cottages of pre-fabricated construction or built-in place. Each cottage will be approximately 61 ft. 6 in. by 34 ft. in size and will be divided into two residences separated by a garage space between. Foundations will be wood posts. Outside walls will be covered with building board. Floors will be covered with mineral-surfaced, asphalt-prepared shingles over roof boarding. Inside walls and ceilings will be covered with insulating building board. Floors will be single.

Owner—U. S. Govt., Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer.

Bids will be opened in Sacramento. Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$1.00, not returnable. Spec. No. 706. Plans will be available about February 15.

### MATERIALS APPROVED

**SAN DIEGO**, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at San Diego. M. H. Golden, general contractor. Circuit breakers for main switchboard and panel boards, I. T. E. Circuit Breaker Co.; main switchboard, lighting distribution and feeder panel boards, Frank Adams Elec. Co.

### BID OPENING DATE ADVANCED

**NOME**, Alaska.—Until March 2, 1 p. m. (date advanced from April 6), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Post office and Court House at Nome. Estimated cost, \$425,000. Plans and specifications may be obtained from above office. No deposit required for three sets of plans. For additional sets, \$10 deposit is required.

### MATERIALS APPROVED

**SALEM**, Ore.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Salem. L. A. Holtman, Portland, general contractor. Plumbing fixtures, Standard Sanitary Mfg. Co.; water heater, Am. Radiator Co.; water pipe, Bridgeport Brass Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, A. W. Cash Valve Mfg. Corp.; back-water valve, Josam Mfg. Co.; back-water cesspools, Josam Mfg. Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; oil burner for water heater, S. T. Johnson Co.; boiler, Kewanee Boiler Corp.; tube and wall hangers, Am. Radiator Co.; non-conducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, C. A. Dunham Co.; thermostatic traps, C. A. Dunham Co.; combination float and thermostatic traps, A. Dunham Co.; manual traps, C. A. Dunham Co.; vacuum pumps, Nash Engng. Co.; feeder panel, Fouch Elec. Mfg. Co.; lighting distribution panels, Fouch Elec. Mfg. Co.; conduit, National Enameling & Mfg. Co.; rubber-covered wire, Hazard Insulated Wire Works; receptacles and flush switches, Arrow-

Hart & Hegeman Elec. Co.; main switch, Square D Co.; clock system, Warren Telechron Co.; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; pendant, split-wire, Pass & Seymour; lighting fixtures, Moe-Bridges Corp.

### MATERIALS APPROVED

**BREMERTON**, Wash.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Bremerton. MacDonald Bldg. Co., Tacoma, general contractors; Pipe hangers, Grinnell Co.; inserts, Grabler Mfg. Co.; water pipe, Chase Brass & Copper Co.; relief valve, Kieley-Mueller Co.; back-water cesspools, Blake Specialty Co.; non-conducting covering for plumbing and heating, Johns-Manville Co.; oil heater, Westinghouse Elec. & Mfg. Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; glassware, Perfection Glass Co. and Phoenix Glass Co.; pendant switch, Leviton Mfg. Co.

### Plans Being Figured—Bids Close

March 5, 10 A. M.

**OFFICE, ETC.** Cost, \$.....  
**FRRIANT**, Fresno Co., Calif. 22 miles  
 north of Fresno Government  
 Camp at Friant Dam, Central  
 Valley Water Project.

Office building, two dormitories, 3 6-room residences, five 5-room residences, ten 4-room residences and ten 2-room residences. All buildings will be of wood frame construction. The office building will be 34x65 ft., with an open porch about 7-ft. wide at the front and both ends. Dormitories will be two-story buildings, each 33-1/2 by 88-1/2 ft. in width on the side. Outside walls of buildings and residences will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt prepared shingles over roof boarding. Inside walls and ceilings, except in the toilet and shower rooms of the office buildings and dormitories will be covered with gypsum wallboard and interior walls and ceilings in residences will be covered with building board. All floors will be 1x4-in. fir flooring and, except in the office building will be single floors. A concrete basement will be constructed under one corner of the office building. The other buildings and residences will have no basements.

Owner—U. S. Govt., Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer.

Bids will be opened in Sacramento. Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$2.50, not returnable. Spec. No. 707. Plans will be available about February 15.

### APPROPRIATION GRANTED

**LOS ANGELES**, Calif.—The deficiency bill passed the Senate February 9, carrying an extra appropriation of \$1,050,000 for the U. S. Post Office and Courthouse to be built in Los Angeles, raising the cost limit to \$7,250,000. It is understood that a contract for the structure will be let within the next few days to the George A. Fuller Co., Munsey Bldg., Washington, D. C., on bids submitted to the Procurement Divi-

sion October 22. It will be several months after the contract is awarded before departments housed in the existing building can be moved to temporary quarters and work on the new structure started.

### 8— CLUB BUILDINGS

#### Plans Being Figured—Bids Close

February 20, 1:30 P. M.

**CLUB** Cost, \$30,000  
**LOS BANOS**, Merced Co., Cal. W. E. Burch Subdivision.

Two-story and basement concrete, tizane and stucco club building (kitchen in basement) stage, dressing rooms, club rooms, lavatories on main floor, composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.

Owner—Portuguese DES AEN, 422 J St., Los Banos.

Architect—Jos. Loskeman, 1218 West Harduog St., Stockton.

Bids will be received by David G. Garcia, Secretary 422 "J" Street, Los Banos.

Plans and specifications obtainable from the office of F. S. Garcia, 422 J St., Los Banos, and from the office of the architect upon deposit of \$25.

### 9— HOSPITALS

#### Bids Rejected.

**HOSPITAL** ADDITION Cost \$90,000  
**SACRAMENTO**, Sacramento Co., Cal. 52nd and F Streets.

Two-story fireproof maternity hospital adding 48 beds steam heat, air conditioning system.

Owner—Sutter Hospital.

Architect—Chas. F. Dean, California

State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg,

320 Market St., San Francisco.

All bids have been rejected. Wm. C. Keating, 1121 24th St., Sacramento at \$109,500 on the general work, and the Otis Elevator Co., 1 Beach St., San Francisco, at \$72,165 on the elevators, submitted low bids Feb. 4.

#### CONTRACT AWARDED

**HOUSTON**, Texas.—Southwest-term Construction Co., Houston, Tex., will build a five-story and basement, reinforced concrete children's and maternity hospital in Houston for the Sisters of Charity of the Incarnate Word. Plans prepared by Architect I. E. Loveliss, Beverly Hills, Cost, \$750,000.

#### BIDS OPENED

**SAN FRANCISCO**—General Elec. Co., Russ Bldg., at \$112.3, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5536, for repairing and reconditioning the steam turbine electric generators at the San Francisco Hospital, Potrero Ave. between 22nd and 23rd Streets.

Only other bid submitted by H. S. Title Co., Inc., at \$13,000.

#### BIDS WANTED

**YUMA**, Ariz.—Until Feb. 16, 10 a. m., bids will be received by the Yuma county supervisors for the construction of a one-story county hospital building at Yuma of a FWA project cost, \$10,000. Architects Lescher & Mahoney, Phoenix.

### 10— HOTELS

February 9, 1937.

**Plans Being Figured**

**ALIX** (CONTINUING) Cost, \$.....

**FRESNO**, Fresno Co., Calif. Van

Wess and Kern Sts.

For air conditioning system throughout hotel and including stores

on ground floor.

Owner—Hotel Californian

Architect—H. Rafael Lake, Heflin

Bldg., Fresno.

Consulting Engineer—Albert A. Codrington, 222 Kearny St., San Francisco.

#### Plans Being Prepared

**HOTEL** Cost, \$3,500,000  
SAN FRANCISCO, Calif.

Sixteen-story steel frame Class A hotel building of modernistic architecture, consisting of 1000 rooms, suites and baths, swimming pool, convention auditorium, roof garden and three dining rooms, bachelor bar, cocktail lounge, shops, garage, etc.

Owner—New York Corporation.

Plans by A. F. Krenkel, 1036 Post St., San Francisco.

Bids will be asked in about three weeks.

Additional announcement will be made within a few days.

#### Plans Being Figured

**AIR CONDITIONING** Cost, \$.....  
FRESNO, Fresno Co., Cal. Van Ness and Kern Streets.

New air conditioning system thru-out hotel (360 rooms, lobby, dining room, bar, etc.) including stores on ground floor.

Owner—Hotel California.

Architect—M. R. Lake, Helm Bldg., Fresno.

Consulting Engineer—Albert A. Codrington, 222 Kearny Street, San Francisco.

## 12 POWER PLANTS

#### BIDS OPENED

**NORWALK**, Los Angeles County, Cal.—Walter S. Leland Co., Walnut Creek, at \$12,716 submitted low bid

## SACRAMENTO—SUTTER HOSP. MATERNITY ADDITION

HOSPITAL ADDITION Cost, \$90,000  
SACRAMENTO, Sacramento Co., Cal. 52nd and F Streets.

Two-story fireproof maternity hospital addn. (48 beds) steam heat, air conditioning system.

Owner—Sutter Hospital.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Low Bidder—Wm. C. Keating, 1121 24th St., Sacramento, \$109,500.

**Elevator**—Otis Elevator Co., 1 Beach St., San Francisco, \$5,721.65.

Alternate bids on general work were taken as follows:

- (1) If steel windows are substituted for double hung wood windows, add;
- (2) if all Oregon pine trim, doors, etc., in corridors and stairs is changed to hardwood, add;
- (3) if all exterior sheet metal in Utility room and Formula rooms is changed to 16-oz. copper, add;
- (4) if the two ready-to-run fans set in vent ducts from hoods over gas plates in Utility room are omitted and larger ducts installed, deduct;
- (5) changes in the electric panel board, add;
- (6) if the scheme for screens on the steel windows as called for in

to the State Division of Architecture, Geo. B. McDougall, State Architect, Sacramento, for the erection and completion of a 300-h.p. water tube boiler in the boiler plant at Norwalk State Hospital.

The work consists of one 300-h.p. water tube boiler, complete with foundation, burner, breeching, piping and other appurtenances required for a complete installation.

C. C. Moore & Co., San Francisco, at \$15,907 submitted the only other bid.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

#### CONTRACT AWARDED

**KEPRESA**, Sacramento Co., Calif.—Palm Iron & Bridge Works, P.O. Box 745, Sacramento, at \$595, awarded contract by the State Division of Architecture, Geo. B. McDougall, State Architect, Sacramento, for structural steel work on the Spectators' Balcony, Folsom State Prison, Represa.

#### BIDS WANTED

**OAKLAND**, Alameda Co., Calif.—Until February 10, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, John H. Skeggs, District Engineer, 500 Sansome Street, San Francisco, for the following buildings located in Oakland. Buildings may be inspected, with permission of occupants, during any working day by telephoning P. O. Harding, State Building, San Francisco, Underhill 8700; 242

Alt. 1 is changed to side hinged metal frame screens with No. 16 copper or bronze wire also changed to friction hinged type instead of roto adjustor type, deduct;

(7) unit prices:

- (a) concrete;
- (b) forms;
- (c) reinforcing steel;
- (d) excavation.

Complete total bids on the general work follow:

(A) Wm. C. Keating, Sacramento, \$109,500.

(B) Campbell Const. Co., Sacramento, \$109,990.

(C) Peterson & Stebbrenner, Sacramento, \$110,990.

(D) Lawrence Const. Co., Sacramento, \$111,500.

(E) H. W. Robertson, Sacramento, \$114,523.

(F) Holdener Const. Co., Sacramento, \$119,500.

(G) Lindgren & Swinerton, Inc. Sacramento, \$119,972.

#### Elevators

(A) Otis Elevator Co., San Francisco \$5,721.65 (Alt. 1) add \$420.24, for different type of door.

(B) Pacific Elevator Co., San Francisco, \$7,655; (Alt. 1) add \$1,124. Alternate bids on the general work follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	Add \$1500.00	\$1223.00	\$ 9 87.00	\$1888.00	\$1500.00	\$1500.00	\$1470.00
(2)	Add 1450.00	1450.00	1478.00	1434.00	1500.00	1150.00	1710.00
(3)	Add 800.00	750.00	725.00	525.00	725.00	800.00	800.00
(4)	Ded 90.00	100.00	92.50	75.00	100.00	95.00	75.00
(5)	Add 285.00	300.00	250.00	281.60	280.00	325.00	265.00
(6)	Ded 290.00	325.00	290.00	150.00	290.00	300.00	275.00
(7a)		.34	.50	.33	.40	.45	.59
(7b)		.15	.15	.20	.12	.15	.25
(7c)		.05	.05	.05	.05	.05	.05
(7d)		1.75	1.50	1.50	2.25	2.00	2.00

The two low bids are being held by the Hospital Board for consideration. Due to change of specifications on painting, new bids will be called next week.

(9941) 1st report June 25, 1936; 9th, Jan. 28, 1937.

Moss Ave., 152 Moss Ave., 3756 Leighton St., 3762 Leighton St., 64 Santa Clara Ave., 182 Perry St., 184 Perry St., 1876-1878 7th St., 1880 7th St., 1881 and 1890 7th St.

#### Plans Approved.

**CENTRAL FIRE ALARM STA.**

Cost, \$1,000  
SACRAMENTO, Sacramento Co., Cal. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.) (40x40 composition roofing, 8x8-in. glass block decorations, interior walls of metal lath and plaster partitions; acoustical plastered ceiling; stucco exterior walls; concrete basement; linoleum floors, etc.

Owner—City of Sacramento.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications have been approved by the PWA and the City will call for bids shortly.  
(888) 1st report Oct. 28, 2nd, Jan. 28.

#### PLANNED

**SPADRA**, Los Angeles Co., Calif.—State Architect George B. McDougall, Public Works Bldg., Sacramento, will start the preparation of plans shortly after July 1 for new buildings to be built at Pacific Colony, Spadra, providing an appropriation of \$99,500 for this purpose is approved by the legislature and the budget bill is signed by the governor. Improvements will include five ward buildings, each to accommodate 80 persons, with furnishings, \$400,000; two custodian buildings for defective delinquents, each with a capacity of 100, with furnishings, \$260,000; development of adequate water supply, \$200,000; trades building, \$10,000; morgue, chapel and autopsy room, \$10,000; addition to administration building, \$20,000; a 25-bed isolation building, \$30,000; new boiler plant and additional heating equipment, \$18,000. A new ice plant, two physicians' cottages, and various ground improvements are also proposed.

#### Planned

**ADDITION** Cost, \$180,000  
SACRAMENTO, Sacramento Co., Cal. Three or four-story reinforced concrete addition to County Courthouse and Jail.

Owner—County of Sacramento (Chas. W. Detering, Jr., County Executive).

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Application has been filed with the PWA for a grant of 45%.

#### CONTRACT AWARDED

**SAN FRANCISCO**.—J. Harold Johnson, 771 28th Ave., at \$4,983, awarded contract by the Department of Public Works, Room 251, City Hall, for remodeling Engine House No. 2, on Lombard St., between Broderick and Baker Sts. Estimated cost, \$5000. Work consists of reducing in size by one-third the building with the walls, to make way for Richardson Ave.

#### Planned

**COURTHOUSE** Cost, \$100,000  
FALLON, Churchill Co., Nev.

New courthouse.

Owner—County of Churchill.

Architect—Not Selected.

A Federal grant of 45 per cent of the cost will be applied for and county commissioners will ask permission to issue bonds sufficient to finance construction.

**Plans Being Figured — Bids Close**

February 25, 8:15 P. M.  
CENTRAL FIRE ALARM STA.

Cost, \$17,000

SACRAMENTO, Sacramento Co., Cal. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.) (40x40 composition roofing, 8x8-in. glass block decorations, interior walls of metal lath and plaster partitions; acoustical plastered ceiling; stucco exterior walls; concrete basement; linoleum floors, etc.)

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications have been approved by the P.W.A.

**CONTRACT AWARDED**

COLUSA, Colusa Co., Calif.—Ralph Sharp, 310 Cedar St., Pacific Grove, at \$1,099 awarded contract by the County of Colusa, for alterations in the basement in Colusa County Hall of Records.

**Plans Being Figured — Bids Close**

February 26

Cost, \$50,000

FRESNO, Fresno Co., Calif. Remodeling and rehabilitation of the Courthouse Building.

Owner—County of Fresno (E. Dusenberry, County Clerk).

Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen).

**Plans Being Figured — Bids Close**

February 19

Cost, \$ —

FRESNO, Fresno Co., Calif. New elevator in County Court House

Owner—County of Fresno (E. Dusenberry, County Clerk).

Architect — H. Rafael Lake, Helm Bldg., Fresno.

**CONTRACT AWARDED**

CAMARILLO, Ventura Co., Calif.—Morrow Roofing Co., 1030 North Western Ave., Los Angeles, at \$1,149, awarded contract by the State Division of Architecture, Geo. B. McDougall, State Architect, Sacramento, for composition roofing on the Dairy Plant Bldg., Camarillo State Hospital.

**BIDS WANTED**

MADERA, Madera Co., Calif.—Until March 2, 2 p.m., bids will be received by the Madera County Board of Supervisors, L. W. Cooper, County Clerk, County Courthouse, Madera, for rewiring of the county courthouse. Bids will be taken for (1) rewiring of the court house casement and first floor; and (2) rewiring of the basement and first and second floors. Plans on file in the office of the county clerk. (1594)

**BIDS OPENED**

SAN FRANCISCO—E. A. Cornely, Inc., 1452 Bush Street, at \$1,855.28 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5551, for furnishing and installing automatic draft control for boilers at the San Francisco Hospital, Potrero Avenue between 22nd and 23rd Sts. Estimated cost, \$2,500.

Complete bids follow:  
E. A. Cornely, Inc. . . . \$1,855.28  
C. R. Reichel Engr. Co. . . . 1,897.00  
James A. Nelson, Inc. . . . 1,960.00  
H. Lawson Company . . . 1,911.00

**Plans Being Figured—Bids Close**

February 25, 8:15 P. M.

CENTRAL FIRE ALARM STA.

Cost, \$17,000

SACRAMENTO, Sacramento County, Cal. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.) (40x40 composition roofing, 8x8-in. glass block decorations, interior walls of metal lath and plaster partitions; acoustical plastered ceiling; stucco exterior walls; concrete basement; linoleum floors, etc.)

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans and specifications have been approved by the P.W.A. and are obtainable from the office of the City Clerk upon deposit of \$25.00.

**BIDS OPENED**

SAN FRANCISCO—E. A. Cornely, Inc., 1452 Bush Street, at \$2,956.22, submitted low bid to the Department of Public Works, Room 251, City Hall, for furnishing and installing gas and oil burner for power plant under Spec. No. 5100, at the San Francisco Hospital, Potrero Avenue between 22nd and 23rd Streets.

Complete bids follow:  
E. A. Cornely, Inc. . . . \$2,956.22  
J. T. Thorp & Son . . . 3,448.00  
C. R. Reichel Engr. Co. . . 3,789.88

**BIDS OPENED**

SAN FRANCISCO — California Steel Products Co., Bay and Taylor Sts., at \$3,935, submitted the only bid to the Department of Public Works, Room 251, City Hall, for repairs to the boilers in the power house at the San Francisco Hospital, Potrero Ave. bet. 22nd and 23rd Streets

**14—RESIDENCES**

**Plans Being Figured — Bids Close**

February 12, 4 P. M.

Cost, \$ —

SAN JOAQUIN CO., Calif. 7 miles from Stockton.

Monterey style residence (11 rooms, 3 baths, shake shingle roof, hardwood floors, oil burner fired hot air heat, steel and wood sash, tile showers, etc.)

Owner—S. H. Hall.

Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Bids are being taken from a selected list of contractors.

**Contract Awarded**

RESIDENCE Cost, \$7,556 each  
MILL VALLEY, Marin Co., Calif. Two one-story residences.  
Owner—Ida M. Boyle, Mill Valley.  
Architect — E. A. Neumark, 2658 Greenwich St., San Francisco.  
Contractor—Klaus Adler, 425 22nd Ave., San Francisco

**Contract Awarded**

RESIDENCE Cost \$6,600  
OAKLAND, Alameda Co., Calif. 709-715 Beale St.  
One-story frame and stucco residence, 8 rooms.  
Owner—J. W. Harris, 3432 Adell Ct., Alameda.  
Architect—N. E. Gibson  
Contractor—P. P. Alvin Hausman, 1247 Broadway, Alameda

**To Be Done By Day's Work**

RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO E. Wilbur St., N. Park St.  
Seven one-story and basement frame and stucco residences

Owner & Builder—Heyman Bros., 742

Market St.

Architect—Not Given.

**Low Bidder**

RESIDENCE Cost, \$5,000

LAFAYETTE, Contra Costa County. One-story frame and stucco residence (4 rooms), shingle roof, oil heating system, linoleum in bath, wood sash, wall board interior finish, garage.

Owner—E. M. Alunson.

Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

Low Bidder—James F. Croll, 1290 Es-cobar St., Martinez.

**To Be Done By Day's Work**

RESIDENCES Cost, \$4,500 each  
SAN FRANCISCO, W. 24th Ave., S Ocean Ave.

Three one-story and basement frame and stucco residences.

Owner & Builder—R. F. Galli, 377 West Portal Ave.

Architect—E. H. Denke, 1317 Hyde St.

**To Be Done By Day's Work**

RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, W. 25th Ave., N Rivera St.

Two one-story and basement frame and stucco residences.

Owner & Builder—N. E. Johnson, 666 Mission St.

Architect—C. O. Clausen, 746 46th Ave.

**Contract Awarded**

RESIDENCE Cost, \$5,000  
OAKLAND, Alameda Co., Calif. 4382 42nd St.

Two-story frame and stucco residence (7 rooms).

Owner—Mrs. Mary Scott, 551 42nd Street.

Architect—Not Given.

Contractor—V. N. Strang, 1521 9th St., Alameda.

**Contract Awarded**

RESIDENCE Cost, \$7,500  
SAN MATEO, Calif. L. 13, Blk. 14, Seville

One-story frame and stucco residence.

Owner—P. B. Foster, 1401 Floribunda, Burlingame.

Architect—Not Given.

Contractor—San Mateo Inv. Co., 2562 S. El Camino Real San Mateo.

**Contract Awarded**

RESIDENCE Cont. Pr., \$10,400  
SANTA ROSA, Sonoma Co., Calif. Mendocino and Denton Road

Two-story and basement frame and stucco residence (7 rooms and 3 baths; circular stairway, forced hot air oil burning heating system; sun deck; rumpus room in basement; tile roof, Spanish tile, hardwood floors, tile baths, etc.)

Owner—Floyd Trombetta, Santa Rosa.

Architect—Clarence Caultkins, Rosenberg Bldg. Santa Rosa.

Contractor—J. G. Collins, 616 Pine St. Santa Rosa

**Bids Wanted—To Close February**

24, 5 P. M.  
RESIDENCE Cost, \$ —

KENTFIELD, Marin Co., Cal. Del Mesa Tr.

Two-story frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, hardwood floors, tile baths, two garages.

Owner—D. J. Miller, State Architect

Architect—C. P. Garneau, Fruit Bldg., San Rafael

**Bids Wanted—To Close February**

16, 2 P. M.  
RESIDENCE ETC. Cost, \$ —

WOODSIDE, San Mateo Co., Calif. Two-story frame residence, 6 rooms, garage.

Owner—L. Hopkins, care Architect.  
Architect—Bakewell and Weihe, 251  
Kearny St., San Francisco.  
Following are figuring plans:  
Dinwiddie Const. Co., 210 Crocker  
Building.  
Chas. Stockholm & Sons, 235 Mont-  
gomery Street.  
F. S. Marshall, 909 Ashbury St.  
All of San Francisco.

**Bids Wanted—To Close February**  
19, 4:30 P. M.

**SORORITY HOUSE** Cost, \$.....  
**BERKELEY**, Alameda County, Cal.  
Channing Way.  
Two-story frame, stucco and brick  
apartment house.  
Owner—Gamma Phi Beta 2732 Chan-  
ning Way, Berkeley.  
Architect—W. W. Wurster, 260 Cal-  
ifornia St., San Francisco.

**Bids In—Announcement Shortly**  
**RESIDENCE** Cost, \$10,000  
**WOODSIDE**, San Mateo Co., Calif.  
Two-story frame and stucco resi-  
dence (8 rooms, 3 baths) tile and  
composition roof, oil burning hot  
air heating system, hardwood  
floors, tile baths, etc.  
Owner—Withheld.  
Architect—Edward Eames, 216 Pine  
St., San Francisco.

**Contract Awarded** Cost, \$7,000  
**RESIDENCE**  
**ORINDA**, Alameda Co., Calif.  
One-story frame residence (6 rooms)  
shingle roof, oil fired hot air  
heating system, hardwood floors,  
linoleum floor in bath, etc.  
Owner—Lee Dunham.  
Architect—Williams and Wastell, 337  
17th St., Oakland.  
Contractor—J. A. Stroud, 370 17th St.  
Oakland.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$3,500 each  
San Francisco, NW Rome and NE  
Mt. Vernon.  
Four one-story and basement frame  
and stucco residences.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Boulevard.  
Architect—Not Given.

**Contract Awarded** Cost, \$9,500  
**RESIDENCE**  
**PIEDMONT**, Alameda Co., Calif. 40  
Sharon Ave.  
Two-story frame and stucco resi-  
dence (7 rooms), garage.  
Owner—Martha Windsor, 11 Sharon  
Avenue.  
Architect—Not Given.  
Contractor—George Windsor, 11 Sha-  
ron Ave.

**Bids In—Held Under Advertisment**  
**RESIDENCES** Cost, \$5,000-\$6,000  
**SOUTH SAN FRANCISCO**, San Mateo  
Co., Calif. Parkway Terrace.  
Three 1-story frame and stucco resi-  
dence (5 and 6 rooms) Moderne  
and Spanish-Colonial style and  
one 2-story frame and stucco  
residences (6 rooms).  
Owner—Withheld.  
Architect—Mario Corbett, Benjamin  
Franklin Hotel, San Mateo.  
Announcement shortly.

**Plans Being Prepared** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
One-story ranch-type residence (6  
rooms, 2 baths), hollow tile walls  
and partitions, stucco exterior,  
concrete and hollow tile floors,  
cedar shake roof, tile baths, etc.  
Owner—Dr. Carr.  
Architect—Pet Sala, 2120 N. Com-  
merce St., Stockton.

**Bids Wanted — To Close Feb. 16**  
**RESIDENCE, KENNELS, ETC.**  
Cost, \$.....  
**WOODSIDE**, San Mateo Co., Calif.

Two-story frame residence, dog ken-  
nels, garage.  
Owner—L. Hopkins, care Architect.  
Architect—Bakewell & Weihe, 251  
Kearny St., San Francisco.  
Dinwiddie Construction Co., 210  
Crocker Bldg., San Francisco, is fig-  
uring plans and desires sub bids on  
all portions of the work.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND**, Alameda Co., Calif. 5051  
Crocker Ave.  
Two-story frame and stucco resi-  
dence (6 rooms).  
Owner & Builder—C. W. Leekins, 6054  
La Salle Ave.  
Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**BERKELEY**, Alameda County, Calif.  
1121-71 Lincoln St.  
Four 1-story frame and stucco resi-  
dences and garages (5 rooms  
each).  
Owner & Builder—M. G. Brasch, 1600  
Mountain Blvd.  
Architect—Not Given.

**Contract Awarded.** Cost, \$6000 each  
**RESIDENCES**  
**SAUSALITO**, Marin Co., Calif.  
Five one-story frame and stucco  
residences.  
Owner—Sausalito Land Ferry Co.,  
Sausalito.  
Architect—Angus McSweeney, 604  
Mission St., San Francisco.  
Contractor—A. F. Mattock Co., 212  
Clara St., San Francisco.

**Contract Awarded** Cost, \$6,500  
**RESIDENCE**  
**OAKLAND**, Alameda Co., Cal. 4407  
Moraga Road.  
Two-story frame and stucco resi-  
dence (six rooms).  
Owner—G. A. Graves, 232 Monte Vis-  
ta Ave., Oakland.  
Architect—Not Given.  
Contractor—A. F. Beckett, 224 Scenic  
Ave., Piedmont.

**Contract Awarded.** Cost, \$6000  
**RESIDENCE**  
**OAKLAND**, Alameda Co., Calif. No.  
5941 Pinewood Road.  
Two-story frame & stucco residence  
(6 rooms).  
Owner—J. C. Helne, % Contractor.  
Architect—Not Given.  
Contractor—Joe Vila, 1207 Solano  
Ave., Albany.

**Contract Awarded.** Cost, \$3000  
**ALTER RESIDENCE**  
**SAN FRANCISCO**, No. 717 Bay St.  
Alter residence.  
Owner—Beth Armstrong, 281 Post  
St., San Francisco.  
Architect—W. W. Wurster, 260 Cal-  
ifornia St., San Francisco.  
Contractor—Harry L. Sandon, 1429  
Bernal Ave., Burlingame.

**Contract Awarded** Cost, \$8,000  
**RESIDENCE**  
**FRESNO**, Fresno Co., Cal. 812-814  
McKinley Street.  
Duplex residence.  
Owner—Belle E. Millward, 737 Uni-  
versity Ave., Fresno.  
Architect—Not Given.  
Contractor—Harris Const Co., 577  
McKinley Ave., Fresno.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
**PIEDMONT**, Alameda Co., Calif.  
Two-story frame and stucco resi-  
dence (7 rooms) shake roof, gas  
heating system, hardwood floors,  
tile bath, etc.  
Owner—Withheld.  
Architect—K. E. Ponsford, 909 Creed  
Road, Oakland.

**Plans Being Figured—Bids Close**  
February 8, 5 P. M.  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, San Francisco Wood.  
Two-story frame and stucco resi-  
dence (tile and composition roof,  
gas furnace, tile baths, hardwood  
floors, etc.)  
Owner—J. L. Holland, Jr., care archi-  
tect.  
Architect—Masten & Hurd, 233 Post.

**Contract Awarded** Cost, \$11,000  
**RESIDENCE**  
**SAN MATEO**, Calif. Lots 3 and 4,  
Woodside Way.  
Two-story frame and stucco resi-  
dence.  
Owner—Henry Schafer, care Con-  
tractor.  
Architect—Not Given.  
Contractor—San Mateo Investment  
Co., 2562 El Camino Real, San  
Mateo.

**Sub Contractors Awarded** Cost, \$11,500  
**RESIDENCE**  
**SAN MATEO PARK**, Warren Road.  
Two-story frame and stucco resi-  
dence (8 rooms, 3 baths), French  
Provencal style, shingle roof,  
wood wash, forced air gas fired  
heating system, hardwood floors,  
tile baths, detached garage.  
Owner—Name Withheld.  
Architect—Leo Sharps, 1477 Burlin-  
game Ave., Burlingame.

**Contractor—Mooney & MacDonald,**  
1473 Burlingame Ave., Burlin-  
game.

**Plumbing—A. H. Dittman,** 1109 Cal-  
ifornia Drive, Burlingame.

**Electric Wiring—San Mateo Battery**  
& Electric Co., 101 B St., San Ma-  
teo.

**Tile Work—Broomhall Art Tile,** 1529  
St. Francis Way, San Carlos.

**Iron Grille Work—Peninsula**  
Wrought Iron Works, 2195 El  
Camino Real, San Mateo.

**Brick & Stonemasonry—Harry Gee,** 245 Kel-  
ton Ave., San Carlos.

**Lumber—McElroy - Cheim Lumber**  
Co., 237 Bayshore Blvd., San Ma-  
teo.

**Mill Work—Pacific Mfg. Co.,** Santa  
Clara.

**Hardware—Wisnom Hardware Co.,**  
201 2nd Ave., San Mateo.

**Lathing & Plastering—Paul Ventu-  
relli,** 943 N. Idaho St., San Mateo

**Contract Awarded** Cost, \$10,000  
**RESIDENCE**  
**BERKELEY**, Alameda Co., Calif.  
Cragmont Avenue.

Two-story frame and stucco resi-  
dence (7 rooms, 3 baths), shake  
roof, hardwood floors, tile bath,  
hot air gas fired heating system.  
Owner—F. L. Confer, 3147 Claremont  
Ave., Berkeley.

Contractor—W. C. Hosking, 541 Cliv-  
ie Center, Richmond.

**Low Bidder** Cost, \$.....  
**RESIDENCE**  
**NORTH BERKELEY**, Alameda Co.,  
Calif.

One-story frame and stucco resi-  
dence (5 rooms), studio, living  
room, bedroom, bath.  
Owner—R. B. Giles, care architect.  
Architect—Frederick H. Reimers, 233  
Post St., San Francisco.  
Low Bidder—H. T. Caskey, 4215 Car-  
son St., Oakland.

**Plans Being Figured — Bids Close**  
February 15, Noon  
**RESIDENCE** Cost, \$.....  
**SOUTH SAN FRANCISCO**, San Mateo  
Co., Calif.

Two-story frame and stucco resi-  
dence (7 rooms, 3 baths), hard-  
wood floors, tile roof, hot air gas  
fired heating system, tile baths.  
Owner—Dr. H. A. Wald.  
Architect—A. F. Roller, Crocker 1st  
Nat'l Bank Bldg., San Fran-  
cisco

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$35,000  
SAN RAFAEL, Marin Co., Calif. Golf Club Tract.

Two - story and basement frame and stucco residence (12 rooms, 4 baths); tile roof, tile terraces, tile baths, steam heat, concealed radiation, three-car garage.  
Owner—Nan Winheld.  
Architect—S. Heiman, 605 Market St., San Francisco.

**LOW BIDDER**  
RESIDENCE Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif.

Two-story Georgian residence (two baths and lavatory, 3 bedrooms), Johns - Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.

Owner—Doctor Leighton Ray, Santa Rosa.  
Architect—Mark Daniels, 101 Post St., San Francisco.  
Low Bidder—Robert J. Whiting, 624 Spencer Ave., Santa Rosa.

**Plans Completed**  
RESIDENCE Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.

One - story frame and stucco residence (6 rooms, 2 baths), shake roof, tile baths, hardwood floors, gas or oil heat, steel sash.  
Owner—Dr. A. T. Sunzeri.  
Architect—Higgins & Root (Chester San Jose architect), Security Bldg., San Jose.  
Bids will be asked shortly.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
SAN JOSE, Santa Clara Co., Calif.  
Margaret St.

One - story frame and stucco residence (5 rooms).  
Owner—Dr. J. C. Elder, 456 S. 12th Street.  
Architect—Not Given.  
Contractor—Frederick Bigland, 970 Chapman St.

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
PALO ALTO, Santa Clara Co., Calif.  
461 Nevada Avenue.

Two - story frame and stucco residence and garage.  
Owner—H. Whitworth, 2267 Tasso St., Palo Alto.  
Architect—Not Given.  
Contractor—Aro and Oterman, 1169 Fulton St., Palo Alto.

**Contract Awarded**  
RESIDENCE Cost, \$12,000  
OAKLAND, Alameda Co., Cal. Montclair Estate.

New residence.  
Owner—L. F. Abadie.  
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.  
Contractor—Albert A. Haskell, 255 Ridgway, Oakland.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$12,000  
SAN JOSE, Santa Clara Co., Calif.  
Chapman Street.

Two - story frame and stucco residence (10 rooms).  
Owner and Builder—Willis S. Clayton, 34 West Santa Clara Street, San Jose.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$1,500  
LAFAYETTE, Contra Costa Co., Cal. Moraga Road and Brooks Ave.

One - story frame and rustic residence (6 rooms, 1 bath), tar gravel roof, oil furnace, hardwood floors, tile bath, garage.  
Owner—Name Withheld.  
Architect—George Pavton Simonds, 80 Main St., Hayward.  
Contractor—George S. Tandy, 673 35th St., Richmond.

**Side Opened**  
RESIDENCE Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
Two - story stucco residence (6 rooms, 2 baths), tile baths, hardwood floors, flat roof, gas heat, steel sash.

Owner—Mr. J. Guardino.  
Architect—Higgins & Root (Chester San Jose architect), Security Bldg., N. 31st St., San Jose.  
Low Bidder—Vincent J. Sunzeri, 176 V. J. Sunzeri, San Jose..... \$5,337  
M. W. Reese, San Jose..... 5,867  
J. Newell..... 6,431  
N. J. Nielsen, San Jose..... 6,600

**Bids In—Under Advertisment.**

RESIDENCES Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
Two - story frame and stucco residence (7 rooms, 2 baths) shake roof, hardwood floors, gas fired hot air heating system, wood sash, etc.

Owner—H. Twombly.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

**Contract Awarded**  
RESIDENCE Cost, \$5,200  
RICHMOND, Contra Costa Co., Cal. Richmond Annex.

One - story frame and stucco residence (hardwood floors, shake roof, tile baths, central gas heating system).  
Owner—A. Vauducci, care architect.  
Architect—Keith Narbett and Irving Brown, 462 31st Ave., Richmond.  
Contractor—Robert Johnson, 560 36th St., Richmond.

**Sub Bids Being Now Taken**  
RESIDENCE Cost, \$6,000  
BERKELEY, Alameda Co., Calif. Creston Road.

One - story frame and stucco residence (5 rooms), Pabco roof, gas fired hot air heating system, linoleum floors in baths, masonry floors, etc.

Owner—Bruce Eldridge.  
Sub bids on all portions of the work are now being taken by John Hudsteth, 1531 Arch St., Berkeley.

**Contract Awarded**  
ADDITION Cost, \$10,000  
SONOMA CO., near Santa Rosa, Cal. Addition to two - story residence; garages, and servants' quarters.

Owner—Mrs. Smith.  
Architect—Mark Daniels, 101 Post St., San Francisco.  
Contractor—Robert J. Whiting, 624 Spencer Ave., Santa Rosa.

**15— SCHOOLS**

**Sub Contracts Awarded**  
ADDITION Cont. Pr., \$11,741  
EUREKA, Kern Co., Calif. Fremont School.

Additions and alterations to Fremont School (2 classrooms).  
Owner—Bakersfield Elementary Sch. District (Florence C. Porter, Secretary), 1600 K Street.

Architect—Office of Edwin J. Symmes, Frank Winkoop, Architect, 215 Haberfeld Bldg., Bakersfield.  
Contractor—Willard K. Michael, 600 Bernard St., Bakersfield.

Roofing—Robt. Stone, 15 Kentucky St.  
Plumbing & Heating—Elms Plumbing Co., 1909 19th St.  
Sheet Metal—Wm. Fisher, 2606 Chester Ave.

Lumbers—Bakersfield Building Materials Co.  
Hardware—Sandstone Brick Co.  
Painting—Pete Stevens, 1517 19th St.  
Lathing & Plastering—Chas. Conklin, 120 Pacific St.  
All of Bakersfield.

**Additional Sub Contracts Awarded**  
SCHOOL Cont. Pr., \$22,550  
PALO ALTO, Santa Clara Co., Calif. Middlefield Road and California Avenue.

Two - story reinforced concrete David Starr Jordan Junior High School to accommodate 1,600; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 1,000, and library.

Owner—Palo Alto School District.  
Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.

Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.  
Painting—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.

Key Cabinets—Trask & Squier Co., 39 Natoma St., San Francisco.  
Toilet Partitions—Price Building Specialties Co., 35 Stillman St., San Francisco.

Complete sub contracts published December 8, 1936.

**CONTRACT AWARDED**

SAN FRANCISCO, Calif.—Pearson & Johnson, 2031 Bryant St., at \$250, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 5454, for moving bungalow from Aptos Jr. High Sch., Upland Drive and Aptos Ave., to Fremont School, McAllister Street, between Broderick and Baker Sts.

**BOND ELECTION**

IVANHOE, Tulare Co., Calif.—Ivanhoe School District will vote on March 2, on a proposal to issue bonds in the amount of \$36,000, proceeds to finance alterations and additions to school buildings.

**BOND ELECTION**

SANTA PAULA, Ventura Co., Cal.—Santa Paula Union High School District will vote on February 25, on a proposal to issue bonds in the amount of \$115,000, proceeds, together with an expected PWA grant, to finance completion of the Santa Paula high school plant.

Plans prepared by Architect Frederick Kennedy, Jr., 1041 E. Green St., Pasadena.

**Bonds Voted**

ALTERATIONS Cost, \$.....  
MILL VALLEY, Marin Co., Calif. Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst Bldg., San Francisco.

Mill Valley School District voted bonds February 9 in the amount of \$30,000 to assist in financing construction.  
Application has been made for a PWA grant of \$18,000.

**Bids Opened—Award Recommended**

RECONSTRUCTION Cost, \$46,800  
ALAMEDA, Alameda Co., Calif. Alameda Ave., bet. Oak and Walnut. Reconstruct auditorium at the Porter School.

Owner—Alameda City School District.  
Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Structural Engineers—L. H. Nishkian, 525 Market St., and James Hamill, 351 Bush St., San Francisco.

Low Bidder—A. A. Nelson, Inc., 242 Ocean Ave., San Francisco—\$44,793.

Total bids follow:  
A. Nelson, Inc.,..... \$44,793  
Carl N. Swenson, San Jose..... 57,767  
Monson Bros., S. F..... 51,641  
Fred J. Early, Jr., S. F..... 66,355

Bids were referred to PWA, with recommendation that contract be awarded the low bidder.

**OAKDALE UNION HIGH SCHOOL DISTRICT**

**GYMNASIUM**

OAKDALE, Stanislaus Co., Calif.  
One-story stucco gymnasium building, shower and locker rooms, at the Oakdale Union High School. Owner—Oakdale Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.  
Low Bidder—Swanson & Hillberg, Turlock—\$18,209.

Alternate bids were taken as follows:

- (1) Add for completing boys' dressing unit;
- (2) Add for installing concrete elab and finished floor in gymnasium;
- (3) Add for installing diagonal T & G sheathing on gym walls;
- (4) Add for installing electrical work in gym;
- (5) Add for installing Humphrey unit heaters;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1) .....	\$2,921	\$3,814	\$4,548	\$4,712	\$3,702	\$3,300	\$3,829
(2) .....	3,187	3,310	3,407	3,574	3,600	4,200	3,545
(3) .....	918	934	844	1,223	840	560	1,190
(4) .....	1,386	1,340	893	1,422	1,450	1,320	1,320
(5) .....	1,075	1,022	1,138	1,114	1,100	1,022	1,822
(6) .....	*2,184	215	105	227	228	208	208
(7) .....	285	280	288	472	270	480	700
(8) .....	58	190	65	39	175	200	1490

\*Typographical error which should have read \$218.40. Bid referred to District Attorney for ruling.  
(7932) 1st report Sept. 16, 1936; 5th, Jan. 25, 1937.

- (6) Add for installing permanent overhead electrical connections instead of temporary;
- (7) Add for completing all painting;
- (8) Add for installing steel trusses instead of wood.

Following are complete general bids for shell of gymnasium and boys' dressing unit—girls' unit to be omitted:

(A) Swanson & Hillberg, Turlock .....	\$18,209
(B) H. Tennyson, Modesto.....	18,883
(C) L. H. Hansen & Son, Fresno .....	19,888
(D) N. H. Sjoberg & Son, Oakland .....	19,862
(E) George Roek, Stockton.....	19,980
(F) Cotner & Thornnitz, Modesto .....	20,514
(G) Harry Brown, Modesto.....	21,395

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1) .....	\$2,921	\$3,814	\$4,548	\$4,712	\$3,702	\$3,300	\$3,829
(2) .....	3,187	3,310	3,407	3,574	3,600	4,200	3,545
(3) .....	918	934	844	1,223	840	560	1,190
(4) .....	1,386	1,340	893	1,422	1,450	1,320	1,320
(5) .....	1,075	1,022	1,138	1,114	1,100	1,022	1,822
(6) .....	*2,184	215	105	227	228	208	208
(7) .....	285	280	288	472	270	480	700
(8) .....	58	190	65	39	175	200	1490

Complete list of alternate bids now on file at the office of Daily Pacific Builder, 465 Tenth St.

**Bids Opened**

J. E. Pinkerton .....	9,637
J. M. Pettijohn .....	9,925
Carl T. Doell Co. ....	10,423
Herman Lawson .....	10,600

**Bids Opened**

SCHOOL .....	Cost, \$15,000
TALMAGE, Mendocino Co., Calif.	
New frame school building.	
Owner—River Union Elementary Sch. District.	

Architect—Norman R. Coulter, 46 Kearny St., San Francisco. PWA approved grant of \$3,375 to assist in financing.  
Low Bidder—J. S. Hannah & Co., 248 Market St., S. F.: \$14,385.  
Complete bids follow:  
J. S. Hannah & Co., S. F. .... \$14,385  
M. R. Crane, S. F. .... 16,580  
Harold La Porte, Ukiah .. 17,350  
Charles Swankfelt, Ukiah .. 17,780  
At a meeting of the school board tonight, contract will probably be awarded low bidder.

**Preliminary Plans Completed**

**ADDITION** Cost, \$ .....

LODI, San Joaquin Co., Calif.  
One-room addition to Garfield Sch. (brick veneer construction).  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

**Preliminary Plans Completed**

**ADDITION** Cost, \$ .....

LODI, San Joaquin Co., Calif.  
One-story frame and stucco unit at Needham School (10 classrooms, library, and shop addition), flat roof.  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

An election to vote bonds in the amount of \$35,000 to finance work at the Needham Garfield, and Emerson Schools, will be called by the district shortly.

**CONTRACT AWARDED**

SAN FRANCISCO—D. J. & T. Sullivan, Inc., 1940 Fulton St., at \$237.50, awarded contract by the Department of Public Works, Room 251, City Hall,

under Spec. No. 5486, for moving bungalow from Aptos Junior High School, Upland Drive and Aptos Ave., to the Bret Haris School.

BID AWARDED  
BAKERSFIELD, Kern Co., Calif.—Until Feb. 15, 11 a.m., bids will be received by the Kern county supervisors for the purchase of bonds of the Taft Elementary School District in the sum of \$50,000.

**Bids Opened**

RECON. SCHOOL .....

NAPA, Napa Co., Calif. Napa Union High School.

Reconstruction of Napa Union High School and the construction of a covered passageway from main building to the two school gym buildings; reinforced concrete & structural steel construction, and a one-story frame and stucco music building addition to rear wall of present stage, concrete foundation, wood floors, composition roof, thermal and sound insulation, Standard plumbing and electric work.

Owner—Napa Un. High School Dist. Architect—William Herbert, Rosenberg Bldg., Santa Rosa; C. Leroy Hunt, 989 2nd St., Napa, adloc.

Structural Engineer—W. Adrian, 417 Market St., San Francisco. PWA has approved grant of \$53,373 to assist in financing.  
Low Bidder—Monson Bros., 475 Sixth St., San Francisco, \$117,800.

Bids were taken under the following propositions:

- (1) Omit music building, deduct;
- (2) Omit passageway, deduct.

Complete bids follow:  
Monson Brothers .....

.....	\$117,800
.....(1)	24,750
.....(2)	6,700
A. Nelson, Inc., 242 Ocean Ave., San Francisco .....	119,227
.....	121,973
.....(2)	6,650
Villadsen Bros., Inc., Oakland .....	117,950
.....	26,100
.....(2)	7,200
B. A. Howkins & Co., San Francisco .....	118,637
.....	21,000
.....(2)	6,000
F. C. Amoroso & Son, San Francisco .....	119,989
.....	21,500
.....(2)	6,200

Anderson & Ringrose, S. F. .... 122,000  
.....(1) 22,000  
.....(2) 6,000

L. Dioguardi, Sebastopol. .... 124,900  
.....(1) 25,037  
.....(2) 5,556

De Luca & Son San Francisco 125,800  
.....(1) 25,000  
.....(2) 7,400

Bids held under advisement.

**Preliminary Plans Completed**

**ADDITION** Cost, \$ .....

LODI, San Joaquin Co., Calif.  
Additions and alterations to Emerson School.  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

**Contract Awarded**

RECON. SCHOOL .....

NAPA, Napa Co., Calif. Napa Union High School.

Reconstruction of Napa Union High School and the construction of a covered passageway from main building to the two school gym buildings; reinforced concrete & structural steel construction, and a one-story frame and stucco music building addition to rear wall of present stage, concrete foundation, wood floors, composition roof, thermal and sound insulation, Standard plumbing and electric work.

**Bids Opened**

HIGH SCHOOL .....

AVENAL, Kings Co., Cal. Head of Seventh Street.

New frame high school bldg., ad administration bldg., gymnasium, machine shop, electric and heating work.

Owner—Lemoore Union High School District.

Architect—W. H. & Harold H. Weeks, 593 Market St., San Francisco.

General Construction  
Bids were taken for general construction work under the following propositions:

- (a) Deduct or omitting shop bldg.;
- (b) Deduct for omitting gymnasium building.

Complete general bids follow:  
Midstate Const. Co., Fresno. .... \$132,409  
.....(a) 7,973  
.....(b) 31,483

W. J. Ochs, Fresno .....

.....(a) 134,820  
.....(b) 30,294

L. H. Hansen & Son, Fresno .....

.....(a) 135,678  
.....(b) 7,315  
.....(c) 20,030

N. H. Sjoberg & Son, Oakland .....

.....(a) 140,497  
.....(b) 8,693  
.....(c) 32,956

F. C. Stolte Co., Alameda .....

.....(a) 140,700  
.....(b) 8,300  
.....(c) 32,000

Trewhitt-Shields and Fisher, Fresno .....

.....(a) 141,451  
.....(b) 8,548  
.....(c) 33,373

Villadsen Bros., Oakland .....

.....(a) 141,500  
.....(b) 32,500  
.....(c) 143,830

Harris Const. Co., Fresno .....

.....(a) 8,957  
.....(b) 35,146

Geo. Maurer Co., Piedmont (omitting gym) .....

.....(a) 107,300  
.....(b) 9,600

**Electric Work**

Electric Const. Co. ....	\$16,052
United Electric Const. Co. ....	17,077
Tom Robinson Elec. Co. ....	17,590
American Elec. Const. Co., Norman A. Russell .....	17,715
Scott-Buttner Co. ....	19,320

Heating	
George C. Bell .....	\$ 8,393
Wm. M. McKenny .....	8,490
Scott Company Elec. Co. ....	8,987
B. A. Newman .....	9,197
Frank Hudson .....	9,255

Owner—Napa Un. High School Dist. Architect—William Herbert, Rosenberg Bldg., Santa Rosa; C. Leroy Hunt, 939 2nd St., Napa, associate.

Structural Engineer—W. Adrian, 417 Market St., San Francisco. Contractor—Villadsen Bros., Inc., 354 Hobart St., Oakland, \$110,750.

As previously reported, Alonson Sheet, San Francisco, at \$117,800, submitted low bid for the complete job. However, it was decided, upon opening bids, to eliminate construction of the covered passageway, which brought Villadsen Bros.' bid lower.

PWA has approved grant of \$53,373 to assist in financing.

**Preparing Preliminary Drawings**

**ADDITION** Cost, \$20,000  
KING CITY, Monterey Co., Calif. Elementary school addition (2 rooms) frame and stucco; shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc.

Owner—King City Grammar School District. Architect—Chas. E. Butler, 51 Maple Street, Salinas.

**BIDS WANTED**

**OILDALE**, Kern Co., Cal. — Until February 19, 7 P. M., bids will be received by the Standard School Dist., Oildale, for furnishing and installation of (1) Venetian blinds and shades; (2) carpets; (3) opera chairs (4) stage equipment, scenery and drapes; (5) sound and projection equipment in auditorium, Standard School District, Oildale.

Plans and specifications may be obtained from the office of the Architect Charles Biggar, Haberfelde Bldg., Bakersfield, upon deposit of \$30. Bids will be opened in Room Office of the Board of Trustees, Standard School District, Oildale, Kern County.

**New Bids Asked—To Close Feb. 19, 8 P. M.**

**SCHOOL** Cost, \$120,000  
LINDSAY, Tulare Co., Calif. (Lindsay Junior High School). One-story reinforced concrete and structural steel jr. high school bldg. (composition roofing, steel sash, metal lath and plaster walls and partitions, concrete and hardwood floors, etc.)

Owner—Lindsay High School District (M. A. Jenovy, Clerk). Architect—H. L. Gogerty, 6272 Yucaja St., Hollywood.

All bids received February 1 have been rejected. Plans and specifications have been revised to omit the auditorium part of this structure. R. P. Moore, 3662 Verrue Ave., Fresno, at \$119,877 submitted the previous low bid.

A grant of \$52,000 has been allotted by the PWA.

**BID OPENED**

**SAN FRANCISCO—D. J. and T. Sullivan, Inc., 1940 Fulton St., at \$237.50** submitted only bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5486, for moving bungalow from Aptos Junior High School, Upland Drive and Aptos Ave., to Fremont School, McAllister Street, bet. Broderick and Baker Streets.

All previous bid opening Jan. 27, all bids were rejected.

**Sub Contracts Awarded**

**OAKLAND**, Alameda Co., Calif.—W. F. Lynn, 1037 Ashmount Ave., Oakland, awarded the following sub contracts for the reconstruction of the Chabot School, Chabot and Patton Streets, Oakland.  
**Reinforcing Steel**—McCrath Steel Co., 354 Hobart St.

**Concrete**—J. H. Fitzmaurice, 2507 Hannah St.

**Lumber**—Hogan Lumber Co., 2nd and Alice Sts.

**Millwork**—National Mill & Lumber Co., 400 High St.

**Plastering**—Carl Rasmussen, 5801 Moraga Road.

**Sheet Metal**—Granholt Sheet Metal Co., 921 University Ave., Berkeley.

**Glass**—W. P. Fuller Glass Co., 259 10th St.

**Painting**—Pacific Paint Co., 3439 14th St.

**Ornamental Iron**—Herrick Iron Wks., 1729 Campbell St.

**Window Hardware**—Universal Window Co., 950 Parket St., Berkeley. All of Oakland unless otherwise noted.

**Bids Wanted — To Close February 18, 10 A. M.**

**SCHOOL** Cost, \$80,000  
GRANDVIEW, Washington.

New two-story frame and concrete high school building (7 classrooms), offices, vaults, gymnasium, bookrooms, toilets, steam heating plant.

Owner—Grandview Consolidated Sch. District (B. L. Dailey, Secretary). Architect—John W. Mahoney, Larson Bldg., Yalena.

Segregated bids will be taken on general, plumbing, heating and wiring. Plans and specifications may be obtained from the office of the architect upon deposit of \$20.

Bids will be received at Grandview Consolidated School District 81.

**Award Approved**

**SCHOOL GYM & AUDITORIUM** Cont. Pr., \$17,834  
MENDOCINO CITY, Mendocino Co., Calif.

One-story frame gymnasium and auditorium (concrete foundations, redwood shingle roof, top floor of maple, ground floor cement, electric wiring for auditorium and stage, stage bleachers, recreation room, offices, boys' and girls' washrooms, ground floor space, 6,850 sq. ft.).

Owner — Mendocino Union High Sch. District.

Architect — N. R. Coulter, 46 Kearny St., San Francisco.

Contractor — S. Hannah & Co., 268 Market St., San Francisco.

PWA approved award of contract.

**Low Bidder** Cost, \$.....  
HIGH SCHOOL

AVENAL, Kings Co., Calif. Head of Seventh Street.

New high school bldg. (frame construction) administration building, gymnasium, machine shops.

Owner—Lemoore Union High School District.

Architect—W. H. & Harold H. Weeks, 245 Market St., San Francisco.

Low Bidder—Midstate Const. Co., 245 Clinton Ave., Fresno, \$132,409.

Alternate proposals may alter the bids. Complete bids will be published tomorrow.

**16—BANKS, STORES AND OFFICES**

**COMPLETING PLANS**

**PHOENIX, ARIZ.**—J. J. Newberry Co., 245 Fifth Ave., New York City, is completing plans for a new reinforced concrete and steel store building to be built at 34 W. Washington St., Phoenix, for the company, H. C. Hoffman, supervising company architect. Cost, \$250,000.

**Bids In—Held Under Advertisment**

**RESTAURANT** Cost, \$.....  
STOCKTON, San Joaquin Co., Calif. Sutter, bet. Main and Webster Streets.

**Restaurant.**

Owner—Tiny's Coffee Shop. Architect—Albert R. Williams, 201 Post St., San Francisco.

**LOW BIDDER**

**STORE** Cost, \$7,500  
SALINAS, Monterey Co., Cal. Main Street.

One-story reinforced concrete store building.

Owner—Julia Duncan.

Lessee—Pep Creamery Company. Architect—Chas. E. Butler, 51 Maple St., Salinas.

Low Bidder—Hughes V. Hughes, 86 National St., Salinas—\$8,285.

**Sub Contracts Awarded**

**STORE BLDG.** Cost, \$10,000  
BERKELEY, Alameda Co., Cal 1837 Euclid Avenue.

One-story Class C store building.

Owner—Henry Schwartz. Architect—Not Given.

Contractor—Victor A. Kaufenberg, St. Marks Hotel, Oakland.

**Roofing**—N. V. Heathorn Roofing Co., 354 Hobart St., Oakland.

**Plumbing**—Madden Plumbing and Heating Co., 3121 San Pablo Ave., Oakland.

**Electric Wiring**—Calif Electric Co., Ltd., 1123 Oak St., Oakland.

**Sheet Metal**—East Bay Sheet Metal Works, 1101 Market St.

**The Work**—Rigey Tile Co., 3012 Harris St.

**Glass**—W. P. Fuller & Co., 301 Mission St.

Iron Grille—C. Frauneder, 335 8th St.

**Cradling**—Arliss-Knappe Co., 961 41st St., Oakland.

**Foundations & Concrete**—Nat Lena, 1174 19th St.

**Lumber**—Hogan Lumber Co., 2nd and Alice St.

**Hardware**—Maxwell Hardware Co., 1320 Washington St.

All of Oakland.

**Bids Wanted — To Close Feb. 21, 12 Noon**

**STORE BUILDING** Cost, \$14,000  
SANTA ROSA, Sonoma Co., Calif. Mendocino Avenue.

One-story reinforced concrete store building, plate glass and the front, composition roof, wood sash, etc.

Owner — Independent Order of Odd Fellows.

Architect — John I. Easterly, Santa Rosa and Healdsburg.

**Contract Awarded**

**ALTERATIONS** Cont. Pr., \$10,795  
HEALDSBURG, Sonoma Co., Calif.

Alter store building.

Owner—Frank Grano, Healdsburg.

Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—G. S. Lander, 301 Powell Ave., Healdsburg.

**BIDS IN—Announcement Shortly**

**RESTAURANT** Cost, \$.....  
SAN FRANCISCO.

Complete new restaurant; kitchen, pantry, workroom and cookroom, men's and women's toilets, cooler, complete new store front.

Owner—Withheld.

Architect—Sidney A. Celton, 544 Market St., San Francisco.

Contract was awarded for the first unit of the work, consisting of erection of new steel columns and girders; reinforced concrete stairs to sidewalk; steel sidewalk door, brick walls, to Peter Sartorio, who let the steel sub contract to Judson-Pacific Company, 609 Mission St.

**Sub-Contracts Awarded**

**BUILDING** Cost, \$2,000.00  
SAN FRANCISCO, Tenth and Market Streets.

Seven-story reinforced concrete bldg to house Western Furniture Exchange with 11-story tower; 52,800 sq. ft. of floor space to each

floor (approximately 200 tons of structural steel involved).

Owner—Capital Co., 625 Market St. Plans by Construction Department of Owner.

Structural Engineer—L. H. Nishkian, 525 Market Street.  
Mechanical Engineer—Leland & Haley, 58 Sutter Street.

Contractor—Cahill Brothers 206 Sansome Street.

Hollow Tile Partitions—White and Gloor, 448 Monardock Bldg.

Complete sub-contracts awarded to date published Nov. 23, Jan. 12, and Feb. 8.

**Plans Being Completed**  
STORE BLDG. Cost, \$100,000  
OAKLAND, Alameda County, Calif.

Broadway.  
New store building (125x100-feet).

Owner—Warner Bros., 6425 Hollywood Blvd., Los Angeles.

Plans by Engineering Dept. of the Owner (B. Marcus Priteca, Architect).

Bids will be asked from local contractors in the near future.

**Plans Being Figured—Bids Close February 9.**

STORE Cost, \$7,500  
SALINAS, Monterey Co., Cal. Main Street.

One-story reinforced concrete store building.

Owner—Julia Duncan.  
Lessee—Pep Creamery Company.

Architect—Chas. E. Butler, 51 Maple Street, Salinas.

**Plastering Contract Awarded**  
BUILDING Cost, \$2,000.000  
SAN FRANCISCO. Teath and Market Streets.

Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,000 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).

Owner—Capital Co., 625 Market St. Plans by Construction Department of Owner.

Structural Engineer—L. H. Nishkian, 525 Market Street.

Mechanical Engineer—Leland & Haley, 58 Sutter Street.

Contractor—Cahill Bros., 206 Sansome Street.

**Plastering—Jas. F. Smith, 271 Minna Street.**

Complete sub-contracts awarded to date published Nov. 23 and Jan. 12.

**Bids Opened**  
ALTER STORE Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif. Hahmann Bldg., 4th St.

Alter Pedersen's Furniture store in Hahmann Bldg.; remodel interior and exterior.

Owner—Mrs. Hahmann, care Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—E. Ahlstrom, 323½ S. "R" Ave., Santa Rosa, \$4,354.

Complete bids follow:

E. Ahlstrom ..... \$4,354  
C. L. Personett ..... 5,250  
Leon Koch ..... 5,665

All of Santa Rosa.

**Plans Being Figured—To Close Feb. 29, 11 A. M.**

ALTER STORE Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif. Hahmann Bldg. 4th St.

Alter Dibble's Apparel Store in Hahmann Building

Owner—Mrs. Hahmann, care Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Following are figuring plans:  
E. Ahlstrom, 323½ S. "R" Ave.  
C. L. Personett, 731 Santa Rosa

Avenue  
Leon Koch, 526 Orchard Street.

Karl P. Peterson, Rt. 4, Box 341-A.  
All of Santa Rosa.

**Contract Awarded**  
ALTER STORE Cost, \$.....  
SAN FRANCISCO. 86 Second St.

Alterations to store building.  
Owner—Bothin Real Estate Co., 604 Mission Street.

Architect—Angus McSweeney, 604 Mission Street.

Contractor—A. F. Mattock Co., 212 Clara Street.

**Plans Completed**  
ALTERATIONS Cost, \$25,000  
MERCED, Merced Co., Calif.

Alterations and additions to 3-story bank and store building (complete renovation of 3rd floor; installation of elevators; heating and cooling systems; redecoration of building).

Owner—Judge Shafer, Merced.

Architect—H. H. Winner, Wordsworth Ave. Ross.

Lessee—First National Bank, Merced.

General bids will be asked in about one week for the alteration work to the First National Bank; however, the alteration work to the rest of the building will be done by day's work.

**Plans Being Prepared**  
STORE Cost, \$12,500  
BAKERSFIELD, Kern Co., Calif.

Reinforced concrete store building (steel sash, arch-rib wood trusses, plate glass window, steel accordion doors, and asphalt concrete parking lot).

Owner—Alice Wiseman

Architect—Chas. Franklin & E. J. Kump, Jr., Bakersfield.

**Plans Being Figured**  
RESTAURANT Cost, \$.....  
STOCKTON, San Joaquin Co., Calif. Sutter, bet. Main and Webster Streets.

Restaurant.

Owner—Tiny's Coffee Shop.

Architect—Albert R. Williams, 251 Post St., San Francisco.

Following are figuring plans:  
L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

F. R. & Schindler Co., 652 Brannan St., San Francisco.

Mullen Mfg Co., 60 Rausch St., San Francisco.

Ostlund & Johnson, 1901 Bryant St., San Francisco.

S. Kulchar & Co., 731 E. 10th St., Oakland.

William Bateman, 1915 Bryant St., San Francisco.

Announcement shortly.

**Plans Being Figured**  
FAN SYSTEM Cost, \$.....  
OAKLAND, Alameda Co., Calif. 8th and Broadway.

Exhaust fan system in Bank of America branch office.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

Bids are being received in the San Francisco and Oakland offices of the Capital Company.

**Sub-Contracts Awarded**  
ALTERATIONS Cost, \$25,000  
EXETER, Kings Co., Calif.

Alterations and additions to present bldg for new branch bank (new bank fixtures, heating, plumbing, ventilating, etc.)

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

**Heating & Ventilating—Atlas Heating & Ventilating Co., 557 Fourth St. San Francisco.**

**Bank Fixtures—S. Kulchar & Co., 731 E. 10th St., Oakland**

## 17— THEATRES

**Bid Opening Date Postponed Until February 8, 2 P. M.**

THEATRE Cost, \$120,000  
STOCKTON, San Joaquin Co., Calif. Main St. bet. California and Sutter Streets (Yosemite Theatre).

New reinforced concrete Class C theatre building (50x125 feet) seat 950; 20-foot foyer, with store on each side.

Owner—E. L. Wilhoit, Stockton.

Architect—A. Cantin, 64 Pine St., San Francisco.

General bids, which do not include electric, heating, decorating and sign on the marquee, are being received at the Stockton Savings and Loan Bank (President's Office) Main and San Joaquin Sts., Stockton.

Plans are being figured by the following selected list of contractors: Lindgren and Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Alfred J. Hopper 1769 Pleasant Valley Ave., Oakland.

O. H. Chain, 41 S. Sutter St., Rm. 217, Stockton.

Date postponed from February 4.

**Bids Opened**  
THEATRE Cost, \$120,000  
STOCKTON, San Joaquin Co., Calif. Main St. bet. California and Sutter Streets (Yosemite Theatre).

New reinforced concrete Class C theatre building (50 x 125 feet), seat 950; 20-foot foyer, with store on each side.

Owner—E. L. Wilhoit, Stockton.

Architect—A. Cantin, 64 Pine St., San Francisco.

Low Bidder—O. H. Chain, 41 S. Sutter St., Stockton, \$38,564.

General bids do not include electric work, heating, decorating or sign on the marquee.

Complete bids follow:

O. H. Chain, Stockton, ..... \$38,564  
Alfred J. Hopper, Oakland, ..... 40,450  
Lindgren & Swinerton, Inc., San Francisco ..... 40,750

Moore & Roberts, S. F., ..... 40,972

All bids held under advisement.

**Revising Sub Bids**  
THEATRE Cost, \$120,000  
STOCKTON, San Joaquin Co., Calif. Main St. bet. California and Sutter Sts. (Yosemite Theatre).

New reinforced concrete Class C theatre building (50x125 feet), seat 950; 20-foot foyer, with store on each side.

Owner—E. L. Wilhoit, Stockton

Architect—A. A. Cantin, 64 Pine St., San Francisco.

Low Bidder—O. H. Chain, 41 S. Sutter St., Stockton.

Mr. Chain, at \$38,564, submitted low bid and is now revising sub bids to reduce cost.

Announcement shortly.

**18— WHARVES & DOCKS**

**CONTRACT AWARDED**  
PORTLAND, Ore.—Geo. H. Buecker Co., Lewis Bldg., Portland (second low bidder) at \$728,449 (basic bid minus alternates 1, 2 and 3) awarded contract by the Portland City Commission of Public Docks, Phillip H. Carroll, Executive Secretary, for the reconstruction and improvement of Municipal Terminal No. 1, a PWA project.

Work consists of construction of a new warehouse (200x256 ft.) widening of the quay dock 40 ft.; reconstruction of Pier 4 platform; construction of a new dock (425x80 ft.) concrete retaining walls; earth fills; pile driving; installing railroad tracks (electrical wiring; sprinkling system; asphalt paving.



Bids were taken as follows:  
 (I) Basic bid, work complete;  
 (Alt. 1) Deduct for omitting balcony  
 office and substituting single  
 office on second floor;  
 (Alt. 2) Deduct if timber arch trusses  
 and timber columns are used  
 in place of steel in Warehouse  
 No. 2;  
 (Alt. 3) Deduct if mineralized cell  
 treatment is used instead of  
 creosote on piles and pilings;  
 (Alt. 4) Deduct if untreated piles and  
 pile posts are used instead of  
 mineralized cell treatment;  
 (Alt. 5) Deduct if new roofing over  
 entire area is omitted and only  
 necessary new roof laid on dock  
 and Pier sheas.  
 Complete bids follow:  
 L. H. Hoffman Const. Co., Port-  
 land; (Bid irregular; (I) \$831,600;  
 (Alt. 1) \$25,630; (Alt. 2) \$18,500; (Alt. 3)  
 \$68,000; (Alt. 4) \$38,600; (Alt. 5)  
 \$29,000.  
 George H. Buckler Co., Portland;  
 (I) \$839,556; (Alt. 1) \$22,326; (Alt. 2)  
 \$13,909; (Alt. 3) \$74,872; (Alt. 4)  
 \$43,186; (Alt. 5) \$28,965.  
 Parker-Schram Const. Co., Port-  
 land; (I) \$917,000; (Alt. 1) \$25,000;  
 (Alt. 2) \$18,500; (Alt. 3) \$75,000; (Alt. 4)  
 \$115,000; (Alt. 5) \$30,000.  
 General Const. Co., Seattle, and  
 Gilpin Const. Co., Portland; (I)  
 \$965,000; basic bid only.  
 Guy F. Atkinson Co., Portland;  
 (I) \$1,178,114; basic bid only.  
 A. D. Merrill, engineer of public  
 docks.

## BIDS WANTED

VANCOUVER, B. C.—Until March  
 1, 12 M. bids will be received by F.  
 W. Riddell, executive secretary, Na-  
 tional Harbors Board, Ottawa, Onta-  
 rio, for construction work at the  
 National Harbors Board Elevator foot of  
 Rogers St., Vancouver. Estimated  
 cost, \$600,000.

Work will include wrecking and  
 removal of timber workhouse now on  
 site; construction of new workhouse,  
 78 ft. 4 in. by 64 ft. 4 in. by 200 ft.  
 high; new track sheas 44 ft. 6 in. by  
 100 ft. 6 in. by 30 ft. high (includes  
 laying of two sets of tracks); new  
 three-story sub-station, 29 to 74 ft.;  
 new dryer, 100 ft. high, and one-story  
 boiler house, which together have  
 dimensions 30 by 40 ft. Work also in-  
 cludes driving of pile foundations to  
 provide for enlarging plant; supply-  
 ing and installing all equipment and  
 connections to existing storage and  
 shipping houses; redecking and fill-  
 ing two timber trestles, each 400 ft.  
 long; and redecking dock with about  
 400 ft. of creosoted timber. All build-  
 ings are to be of reinforced concrete  
 construction with tar and gravel  
 roofing.

Plans prepared by C. D. Howe &  
 Co., Ltd., consulting engineers, 712  
 Public Utilities Bldg., Port Arthur  
 Ontario.

Plans and specifications obtainable  
 from the offices of the National Har-  
 bors Board at Ottawa, Vancouver,  
 and Montreal, at a charge of \$200

## 19—MISC. CONSTRUCTION

## BIDS WANTED

SAN FRANCISCO.—The city-owned  
 building located at 3214 Lyon  
 St., 2544 Francisco St., 2532 Fran-  
 cisco St., 3151 Baker St., 3135 Baker  
 St., 3125 Baker St., 2698-2626 Lombard  
 St. will be sold at auction on  
 the property by Joseph J. Phillips,  
 Director of Property, beginning at  
 9:30 A. M., Monday, February 15.

## Plans Completed

MAUSOLEUM Cost, \$200,000  
 WASHINGTON, Seattle - Tacoma  
 Federal Highway.  
 First unit of addition to Washington  
 Memorial Park; concrete con-

struction, 65 x 32 ft., 240 crypts,  
 marble-faced corridors; indirect  
 lighting.

Owner—Washington Memorial Park  
 Assn. (H. F. MacIrae, Pres.-Mgr.)  
 30 Railway Exchange Bldg., Seat-  
 tle.

Architect—Frank L. Baker and Josh-  
 ua H. Vogel, 422 Smith Tower,  
 Seattle.

Early construction of first unit to  
 cost \$25,000 is contemplated.

## Planned

MOTEL Cost, \$30,000  
 TOLARE, Calif. Golden State High-  
 way.

Automobile tourists court.  
 Owner & Builder—Motel Drake Co.  
 (W. K. Hutton, Pres.).

Architect—Not Given.

Bids Wanted — To Close February  
 17, 1 P. M.

ALTERATIONS Cost, \$  
 VALLEJO, Solano Co., Cal. 524 Cap-  
 itol Street.

Enlargement of Funeral Home.  
 Owner—Chisholm & Dickey, 524 Cap-  
 itol St., Vallejo.

Architect—Frederick H. Reimers, 233  
 Post St., San Francisco.

Bids will be received at the Fu-  
 neral Home in Vallejo.

Following have taken out plans:  
 James Bitcon, 628 Louisiana St.,  
 Robert B. Hathaway, 1201 Tennes-  
 see St.

George F. Barenghi, 921 Kentucky  
 St., All of Vallejo

## Bids Opened

ALTERATIONS Cost, \$20,000  
 BERKELEY, Alameda Co., Cal. Ber-  
 keley Senior High School.

Rehabilitating two existing swim-  
 ming pools in boys' and girls'  
 gymnasium (each pool 35.75-ft. x  
 taking out brick walls and re-  
 placing with gunite or concrete  
 and strengthening roof and  
 frame of building (one 50x95-  
 ft. and one 50x120-ft.).

Owner—Berkeley Unified School Dis-  
 trict (Clara F. Andrews, Secre-  
 tary), 2325 Milvia Street.

Structural Engineer—Thos. F. Chace,  
 Berkeley-Central of Education.

Low Bidder—Central California Con-  
 struction Co., 115 Burrows St.,  
 San Francisco; \$23,490; deduct  
 \$25 for salvaged materials.

Only one bid was received.

Bids In—Bid Under Advertisment  
 SWIMMING POOL Cost, \$1.8  
 MOUNTAIN VIEW Santa Clara Co.,  
 Calif. St. Joseph's College.

Outdoor roof concrete swimming  
 pool, dressing room, etc.

Owner—Archbishop of San Francis-  
 cisco, 1100 Franklin St., San Fran-  
 cisco.

Architect—J. J. Foley, 770 5th Ave.,  
 San Francisco.

Bids ran high and are being held  
 under advisement pending return of  
 the Archbishop.

## 20—MISC. SUPPLIES AND MATERIALS

## BIDS OPENED

SACRAMENTO, Calif. National  
 Venetian Blind Co., 112, 24th Street,  
 Oakland, at 10:00 A. M. submitted low

bid to the State Purchasing Agent,  
 Sacramento, under Quotation No.  
 32274, Req. No. 26470, for furnish-  
 ing and installing Venetian blinds in  
 the new Public Works Building 120,  
 and N. St., Sacramento.

Complete bids follow:  
 National Venetian Blind Co.,  
 Oakland \$10,000.15

D. N. & E. Walter, S. F. 12,707.65  
 Wm. A. Rapp & Co., Sacto. 13,390.00  
 Ambassador Venetian Blind  
 Corp., Oakland 12,997.00

## CONTRACTS AWARDED

LOS ANGELES, Calif.—Contracts  
 for furnishing solid wedge gate  
 valves under Spec. No. 2186 were  
 awarded by the Los Angeles Water  
 and Power Commission as follows:

Rich Mfg. Co., items Nos. 1 to 3  
 inclusive; \$844.36; Iowa Valve Co.,  
 item No. 4, at \$658.

## BIDS OPENED

WILLITS, Modocino Co., Calif.—  
 Following bids received by Geo. D.  
 Huestis, Assistant Procurement Of-  
 ficer, Forest Service, San Francisco,  
 under Bid No. 957, for furnishing:

(1) 150 20-ft. Western Red Cedar,  
 Class 6, butt treated poles;

(2) 50 25-ft. do.

Graybar Electric Co.: (1) \$472.50,  
 fob Everett; \$644.50, fob Willits,  
 weight, 28,500 pounds; (2) \$220, fob  
 Everett; \$311, fob Willits; weight  
 12,500 lbs.

J. H. Baxter Co.: (1) \$453.50, fob  
 Seattle; (2) \$175.50, fob Seattle; wt.  
 41,000 lbs.

Willits Lumber Co.: (1) \$463.50,  
 fob Seattle; (2) \$175.50, fob Seattle;  
 weight 41,000 lbs.

McCormick Supply Co.: (1) \$472.50,  
 fob Portland; \$612, fob Willits; dis-  
 count, 2% 10 days; 1% 20 days; wt.  
 30,000 lbs.; (2) \$227.50, fob Portland;  
 \$292.50, fob Willits; 14,000 lbs.

James L. Hall Lbr. Co.: (1) \$390,  
 fob Priest River, Ida.; 30,000 lbs.;  
 (2) \$155, fob Priest River; 13,750  
 lbs. discount, 2% 20 days; 1% 30  
 days.

Howard Baxter: (1) \$375, fob Bel-  
 lingham, 20,000 lbs.; (2) \$162.50, fob  
 Bellingham; 13,000 pounds; discount,  
 2% 10 days.

Maydwell and Hartzell, Inc.: (1)  
 \$472.50, fob East Milwaukie, Ore.;  
 \$612, fob Willits, 30,000 lbs.; (2) \$227-  
 50, fob East Milwaukie; \$292.50, fob  
 Willits; 14,000 lbs.

BIDS OPENED

OAKLAND, Alameda Co., Calif.—  
 Welding Service Sales, Inc., 954 How-  
 ard St., San Francisco, at 9:25 sub-  
 mitted low bid to the East Bay Muni-  
 cipal Utility District.

Kamball, Secretary, Oakland, under  
 Informal Proposal No. 839, for fur-  
 nishing 10,000 lbs. 3/4-in. V fleet-weld  
 electric welding electrodes.

Complete bids follow:  
 Welding Service Sales, Inc., San  
 Francisco, \$925.

American Brass & Copper Co., \$940  
 Victor Equipment Co., \$940.  
 Air Reduction Sales Corp., 950.

BIDS OPENED

MONTEREY CO., Calif.—Follow-  
 ing bids received by F. C. Brown,  
 Procurement Officer, Forest Service,  
 Phelan Bldg., San Francisco, under  
 Bid No. 956, for furnishing and fab-  
 ricating all structural steel, etc., for  
 a steel tower for Pinon Peak Look-  
 out.

Schrader Iron Works, 1247 Harrison  
 St., San Francisco—\$758, f.o.b.  
 San Francisco; weight, 10,000 lbs.

Golden Gate Iron Works, S. F.—  
 \$855, f.o.b. S. F.; weight, 11,000 lbs.;  
 shipment, 15% 10 days.

Herrick Iron Works, Oakland—\$984,  
 f.o.b. Oakland; weight, 10,000 lbs.

LOS ANGELES—Bids for furnish-  
 ing four outdoor type 115 kv. base  
 mounted combined coupling capac-  
 itors and potential devices, f.o.b. 1639  
 N. Main St., Los Angeles, were open-  
 ed by D. P. Nicklin, purchasing agent  
 of the Los Angeles Water & Power  
 Bureau under Spec. No. 2173. The  
 bids were (price each):

General Electric Co., \$1150; allow  
 \$129 for test omission.

Westinghouse Electric & Mfg. Co.,  
 \$1240; allow \$290 for test omission.

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-87-153, for furnishing 27,000 FBH Douglas fir timbers, bob Fort Funston:

Smith Lumber Co. (1) \$646.48; (2) \$86.46, irregular, delivery 2-3 weeks; discount, 2% 10 days.  
Loop Lumber Co. (1) \$866.41; (2) \$99.36; delivery 1 to 3 days; discount, 2% 30 days.

Acme Lumber Co. (1) \$723.76; (2) no bid; delivery in 1 day; discount, 2% 30 days.

Rolando Lumber Co. (1) \$725.42; (2) \$97.92; delivery before Feb. 25; discount, 2% 10 days.

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1731, for furnishing approximately 10,000 cu. yd. mixed concrete, for the WPA:

Golden Gate Atlas Materials Co.—Deliveries in 4 c. y. lots, \$62,500; deliveries in 2 c. y. lots, \$75,500; discount, 2%, 10 days; 15 mins. free standing time, \$3 per hour overtime.  
Lee Haynes—\$63,000; net; 15 mins. free standing time, \$3.50 per hour overtime.

Ready-mix Concrete Co.—\$65,700; net; 15 mins. free standing time, \$3 per hour overtime.

Bode Gravel Co.—\$67,500; net; 15 mins. free standing time, \$3 per hour overtime.

Consumers Rock & Cement Co.—\$87,900; net; 15 mins. free standing time, \$3 per hour overtime.

MacDonald & Kahn Co., Ltd.—\$68,650; net; 10 mins. free standing time, \$3.50 per hour overtime.

San Francisco Gravel Co.—\$69,500; net; 15 mins. free standing time, \$3 per hour overtime.

**CONTRACT AWARDED**

**SAN PEDRO**—Consolidated Rock Products Corp. awarded contract by the U. S. Engineer, Los Angeles, at \$12,640, for furnishing 1550 cu. yd. transit mixed concrete for use in construction work for the military reservation at Fort MacArthur, San Pedro. Circ. Prop. No. 257.

**BIDS OPENED****CONTRACT AWARDED**

**LOS ANGELES**—Soule Steel Co. at \$201.07, awarded contract by the U. S. Engineer Office, for furnishing expanded metal sash under Circ. Prop. No. 251.

**BIDS OPENED**

**LOS ANGELES**—Bids for furnishing vitrified clay conduit and drain tile were opened by the U. S. Engineer, Los Angeles, under Circ. Prop. No. 255. The items were:

**LOT NO. 1**

- (1) 2010 ft. (8040 duct ft.) vitrified clay conduit, 36-in. lengths, 4 duct conduit;
- (2) 72 ft. (432 duct ft.) same, 6 duct conduit;
- (3) 1100 ft. 6-in. diam. clay drain tile, unglazed;
- (4) 240 ft. 6-in. sewer pipe, standard socket pipe.

**LOT NO. 2**

- (1) 8000 sq. ft. partition tile, 3x12x12 in.;
- (2) 5100 sq. ft. split furring tile 2x12 x12 in.

The bids were:  
J. S. Schirm Co., San Diego—Lot 1, (3) \$172.70; (4) \$58.20.

Davidson Brick Co., Inc.—Lot 2, \$977.25; 2% 30 days.

L. A. Brick & Clay Products Co.—Lot 1, (3) \$148.50; (4) \$60.48; Lot 2, \$946.65; 2% 30 days on lot 2 only.

John & Wade, Inc.—Lot 1, (3)

\$140.80; Lot 2, \$915.57; net.

W. J. Bailey Co., San Diego—Lot 1, (3) \$148.50; (4) \$60.48; Lot 2, \$946.65; net; 2% 30 days.

Gladding, McBean & Co.—Lot 1, (3) \$148.50; (4) \$60.48; Lot 2, \$946.65; 2%, 10th prox on lot 2.

Pacific Clay Products—Lot 1, (1) \$1206; (2) \$41.76; (3) \$148.50; \$60.48; net.

Secure Belt Material Co., San Diego—Lot 1, (3) \$148.50; (4) \$60.48; Lot 2, \$946.65; 2% 30 days on lot 2 only.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Air Reduction Sales Corp., 315 6th St., at \$22.50 each, total \$90, submitted low bid and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 508-37-154, for furnishing four portable carbide lights, 8,000 candlepower, f.o.b. Fort Funston.

**CORRECTION**

**SAN FRANCISCO**—National Venetian Blind Co., 1770 Sichel St., Los Angeles, at \$10,003.15, submitted low bid to the State Purchasing Agent, Sacramento, under Quotation No. 32-274, Req. No. 26470, for furnishing and installing Venetian blinds in the new Public Works building, 12th and N Sts., Sacramento.

It was previously reported that the low bid was submitted by the National Venetian Blind Co. of Oakland, which was in error.

The complete bids follow:

National Venetian Blind Co., Los Angeles ..... \$10,003.15  
D. N. & E. Walter, S. F. .... 12,707.65  
W. A. Rapp & Co., Sacto. .... 13,900.00  
Ambassador Venetian Blind Corp., Oakland ..... 13,997.00

**BIDS OPENED**

**BOULDER CANYON PROJECT**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 873-D, for furnishing 18-in., 24-in., and 30-in. inside diam. centrifugally spun reinforced concrete pipe for use in side drains, All-American Canal System, Boulder Canyon Project:

United Concrete Pipe Corp., Los Angeles—\$8,665; f.o.b. Torrance.  
American Concrete & Steel Pipe Co., Los Angeles—\$8,971; f.o.b. Calexico.

Concrete Conduit Co., Ltd., Colton—\$7,753; f.o.b. Calexico.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Great Western Electro Chemical Company was awarded the contract by the Los Angeles Water & Power Commission for at \$589 for furnishing liquid chlorine. Spec. No. 2178.

**CONTRACTS AWARDED**

**LOS ANGELES**—Contracts for furnishing electrical equipment were awarded by the Los Angeles Water and Power Commission Feb. 4 as follows:

Spec. No. 2171—To Kelman Electric & Mfg. Co., at \$416.52, for multi-channel arc quenchers. The bids were opened Jan. 28th.

Spec. No. 2182—To Kelman Electric & Mfg. Co., at \$594.04, for high speed mechanisms. The bids were opened Jan. 27.

Spec. No. 2183—To Kelman Electric & Mfg. Co. for arc quenchers at \$2660. The bids were opened Jan. 27.

Spec. No. 2187—To General Cable Corp. at \$3923.09 for soft drawn bare copper cable. The bids were opened Jan. 29.

Spec. No. 2189—To Ducommun Metals & Supply Co. at \$674.72 for copper bus bar. The bids were opened Jan. 29.

Spec. No. 2192—To Farnham & Cunningham at \$2781.50 for furnishing fuses. The bids were opened Jan. 28.

ing fuses. The bids were opened Jan. 28.

**BIDS OPENED**

**WILLITTS**—Following bid received by George D. Huestis, Assistant Procurement Officer, Forest Service, San Francisco, under Bid No. 990, for furnishing (1) 150 telephone poles, 20-ft. length, Class 6, Redwood or butt treated western red cedar; and (2) 50 cu. 25-ft. lengths, f.o.b. bidder's shipping point or Willitta:

Howard Baxter—\$537.50, f.o.b. Bellingham; discount, 2%, 20 days; weight, 40,000 lbs.; delivery in 9 days.

General Electric Supply Co.—\$667.50, f.o.b. Spokane; weight, 44,500 lbs.; delivery, 10 days.

Graybar Electric Co.—\$692.50, f.o.b. Everett; weight, 41,000 lbs.; delivery in 2 days.

Maxdwell & Hartzell—\$700, f.o.b. East Millwaucke; weight, 44,000 lbs.; delivery, 10 days.

Union Lumber Co.—\$1,222.50, f.o.b. Fort Bragg; discount, 2%, 10 days; weight, 70,600 lbs.; delivery, 10 days.

James L. Hall Co.—\$585, f.o.b. Tacoma; weight, 42,000 lbs.; discount, 2%, 20 days; delivery, 5 days; \$545, f.o.b. Priest River, Idaho; discount, 2%, 20 days; weight, 43,760 lbs.; delivery, 5 days.

**BIDS OPENED**

**LOS ANGELES**—Bids for furnishing four only 115 kv. 400/800 to 5 amp. oil filled outdoor type current transformers for use on a 110 kv., 60-cycle system, (a) f.o.b. bidder's shipping point and (b) f.o.b. 1630 N. Main St., Los Angeles, were opened by D. F. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, under Spec. No. 2170. The bids were (price each):

General Electric Co., (a) \$1677.17, f.o.b. Pittsfield, Mass.; (b) \$1777.30.

Allis-Chalmers Mfg. Co., (a) \$1677, f.o.b. West Allis, Wis.; (b) \$1720.

Westinghouse Electric & Mfg. Co., (a) no bid; (b) \$1818.15.

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1730, for furnishing 46,000 FBH No. 1 common Douglas fir lumber, for the WPA:

E. D. Swift & Co. .... \$1,415.74  
Loop Lumber Co. .... 2,458.52  
Rolando Lumber Co. .... 1,468.40  
Smith Lumber Co. .... 1,483.19  
Beronio Lumber Co. .... 1,489.37

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Chapman Valve Mfg. Co., Los Angeles, at \$597, awarded contract by the Los Angeles Water & Power Commission for total \$29,850, use tax \$895, grand total \$50,745.50, awarded contract by the Metropolitan Water District, Los Angeles, under Spec. No. 184, for furnishing 50 hydraulically-operated 30-inch gate valve assemblies, complete with hydraulic operating cylinders and purteenances, for Cajalco outlet tower.



Just a note to tell you about Builderads, the modern way to buy and sell equipment. You'll find them every Friday in

**Daily Pacific Builder**

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 21.—Bridges                         | 30.—Reservoirs and Dams             |
| 22.—Dredging, Harbor Works, Excava. | 31.—Pipe Lines and Wells            |
| 23.—Irrigation Proj.                | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems              | 33.—Water Works                     |
| 25.—Machinery and Equipment         | 34.—Piers & Play-grounds            |
| 26.—Railroads                       | 35.—Tunnels                         |
| 27.—Fire Alarm Sys.                 |                                     |
| 28.—Fire Equipment                  |                                     |
| 29.—Streets & Highways              |                                     |

## 21— BRIDGES

## BIDS OPENED

**FRESNO COUNTY, Cal.**—Following bids received by Geo. D. Heaus-tis, Assistant Procurement Officer, Forest Service, San Francisco, under Bid No. 985, for furnishing structural steel plate girder spans for the Balch Road Bridge No. 2: Herrick Iron Works—\$1944, fob Oakland, weight 26,800 lbs. Bethlehem Steel Co.—\$1500, fob Alameda, 26,900 lbs.; Schrader Iron Works—1640, fob San Francisco, 27,000 lbs. Judson-Pacific Co.—\$1250, fob Emeryville, 26,200 lbs. Golden Gate Iron Works—1342, fob San Francisco, 26,500 lbs.,  $\frac{1}{2}$ % 10 days. Independent Iron Works—\$1570, fob Oakland; \$1700 fob Fresno;  $\frac{1}{2}$ % 10 days; 26,000 lbs. Minneapolis-Moline Power & Implement Co.—\$1499, fob Minneapolis 25,200 lbs. Moore Dry Dock Co.—\$1993, fob Oakland, 27,500 lbs.

## PLANNED

**ALAMEDA CO., Calif.**—The County Board of Supervisors has instructed County Auditor Horace P. Ross to prepare a financial statement showing the county's plans for financing their share of the construction cost of the new High Street Bridge, to replace the existing structure across the estuary. The statement will be forwarded to PWA officials in Washington, who have approved the project.

The cost of the structure is estimated at \$62,025, of which the county will pay \$375,113, the remaining 45% to be furnished by a PWA grant.

Burnett Hamilton, County Engineer.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

**SAN FRANCISCO**—Until Feb. 17, 3 p.m., bids will be received by the Public Utilities Commission, Room 267, City Hall, under Airport Dept. Contract No. 39, for constructing an earth and rock fill at the San Francisco Airport.

The work consists of excavating and loading earth and rock at city furnished quarry and depositing it at the airport for levee or seawall and breakerwater.

The work involves 160,000 c.y. of earth and rock fill.

The quarry is located in South San Francisco, near Hillside Drive and Linden Ave.

Specifications obtainable at Room

605, 425 Mason St., upon deposit of \$10.

## CONTRACT AWARDED

**SAN DIEGO**—Chas. & F. W. Steffen, 2015 Bay Front, San Diego, at \$1,968, submitted low bid and awarded contract by the Lighthouse Service, H. W. Rhodes, Superintendent of Lighthouse, San Francisco, under Bid No. 1546, for repairing buoy wharf at the Ballast Point Light Station, near San Diego.

The work includes removing the necessary portion of wharf deck, joists, etc., driving twenty-four piles, securing pile heads, replacing wharf deck plank, etc.

Complete bids follow:

Chas. & F. W. Steffen, San Diego ..... \$1,968  
Lipscomb & Barclay, San Diego 1,983  
Frank Legg, San Francisco ..... 2,196

## TO ASK BIDS SHORTLY

**REDWOOD CITY, San Mateo Co., Calif.**—Bids will be asked shortly by the U. S. Engineer Office, Custom House, San Francisco, for dredging Redwood Creek and a turning basin at Redwood Harbor. The Government will match \$94,000 in city funds to finance operations.

## BIDS WANTED

**SAN DIEGO**—Until Feb. 23, 11 a. m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8303, for dredging about 32,000 c.y. of material in the vicinity of the piers at the Naval Fuel Depot, San Diego.

Specifications obtainable from the above office upon deposit of \$10

## 23— CANALS

## CONTRACT AWARDED

**SHOSHONE PROJECT, Wyoming**—Morrison-Knudsen Co., Inc., P.O. Box 1518, Boise, at \$182,702.50, awarded contract by the Bureau of Reclamation, Cody, Wyoming, Walter F. Kemp, Construction Engineer, under Spec. No. 716, for the construction of earthwork canal lining and structures, Station 27 to Station 349, Heart Mountain Canal, Heart Mountain Division, Shoshone Project, near Cody, Wyoming.

## BIDS WANTED

**CONTRA COSTA CO., Cal.**—Until March 1, 1934, as previously reported, bids will be received by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg. Sacramento, under Spec. No. 719, for the construction of earthwork and struc-

tures, Station 2 to Station 208 plus 50, Contra Costa Canal, Contra Costa Division, Central Valley Project.

The work comprises construction of about 3.9 miles of open canal and is located near Oakley. The complete canal will be about 40 miles in length and is estimated to cost \$3,200,000 and will have a capacity of 275-second feet.

- (1) 640,000 c.y. excavation for canal
- (2) 5,000 c.y. excavation for pipe trenches and for structures, except siphons;
- (3) 21,000 c.y. excav. for siphons
- (4) 5,000 sta. c.y. overhaul;
- (5) 35,800 c.y. backfill about struc.
- (6) 900 c.y. puddling or tamping backfill about structures;
- (7) 1,425 c.y. concrete;
- (8) 202,000 lbs. placing reinf. bars;
- (9) 75 sq. yds. dry-rock paving;
- (10) 785 c.y. gravel fill under siphons;
- (11) Driving 4,369 lf. of timber piles
- (12) Erecting 123 MPBM timber in structures;
- (13) Laying 2,070 lf. 16-in. diameter concrete pipe;
- (14) Installing 79,300 lbs. steel pipe, 18- and 30-in. dia.;
- (15) Installing 1,600 lbs. misc. metal work.

The work shall be commenced within 30 calendar days and completed within 330 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$1.00, not returnable.

Oscar G. Boden, Antioch, resident engineer.

## PLANS ON FILE

**CONTRA COSTA CO., Calif.**—Plans and specifications No. 719, for construction of approximately 3.9 miles of the Contra Costa Canal, are on file at the office of the DAILY PACIFIC BUILDER, where they may be inspected by interested parties.

As previously reported, bids will be opened by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg. Sacramento, March 1, 10 a.m.

## 24— STREET LIGHTING

## BIDS WANTED

**LOS ANGELES, Cal.**—Until Feb. 17, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, for furnishing and installing ornamental lighting system in Van Nuys Blvd., between Van Owen St. and 25 ft. south of Bessemer St. involving 75 Marbelite lighting standards.

## CONTRACT AWARDED

**OAKLAND, Alameda Co., Calif.**—Kenney Bros., 128 Tenth St., Oakland, at \$7,367, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, for the installation of an ornamental electric street lighting system in East 18th Street, between Third Avenue and Park Blvd., and in Park Blvd., between East 18th St. and 21st St. Complete bids published February 3.

## CONTRACT AWARDED

**SAN FRANCISCO**—R. Flatland, 1499 Mission St., at \$5,392, awarded contract by the Public Utilities Commission, City Hall, under Electric

Capital City  
Title Company

JAMES E. BANCROFT

Manager

14 Seventh Street  
Sacramento • California

Power Bureau Contract No. 23, for the construction of a street lighting system in 25th Ave., between Fulton and El Camino Del Mar.

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

**MINIDOKA PROJECT, Idaho.**—Contracts for furnishing equipment under Spec. No. 859-D, or installation in the Minidoka Power Plant, Minidoka Project, have been awarded by the Bureau of Reclamation, Denver, as follows:

American Transformer Co., Newark—(1) \$12,765, for two 2000-kv.-a. three-phase transformers.

Kelman Electric & Mfg. Co., Los Angeles—(2) \$6,763.82, for two 34,500-volt, 3-phase, 600-ampere oil circuit breakers.

High Tension Co., Phillipsburg, N. J.—(3) \$645.20, for eighteen 34,500-volt, single-phase, 600-ampere disconnecting switches.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3322, for the rental of one 1½-ton truck, for use on WPA projects, f.o.b. Yreka:

Alexander Bros., 9233 Thermal, Oakland—\$5.84 per day; \$0.10 per mile for additional mileage over average specified; net.

Evans Auto Rental Co., San Francisco—\$6 per day; net.

Wm. P. May—\$6.75 per day; net.

Lerer Bros., S. F.—\$6.84 per day; discount, 2%; 20 days.

Harry L. Harris—\$10; net.

### CONTRACT AWARDED

**SAN FRANCISCO.**—The Merrill Co., 343 Sansome St., at \$903.20 each, total \$1,806.40, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1723, for furnishing two sets of steam turbine driven centrifugal hoiler feed pumps for the San Francisco Hospital.

### BIDS OPENED

**RIVERTON PROJECT, Wyo.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 874-D, for furnishing one crawler-traction-mounted, full-revolving, diesel-engine-powered, convertible type, dracline excavator, complete with power shovel attachments, for the Riverton Project, Wyoming:

Osgood Co., Marion, Ohio—\$15,975; engineering services, \$10 per day after first five days; f.o.b. Marion; discount, 2%; weight, 95,500 lbs.

Bay City Shovels, Inc., Bay City, Mich.—\$13,500; engineering services, \$12.50 and expenses after first three days; f.o.b. Bay City; discount, 2%; weight, 74,000 lbs.

Harnischfeger Corp., Milwaukee—\$18,875; engineering services, \$20 per day; f.o.b. Milwaukee; discount, 2%; weight, 89,080 lbs.

### BIDS OPENED

**LOS ANGELES.**—Kelman Electric & Mfg. Co. submitted the only bid to D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, at \$3700, for furnishing 600-amp, 35,500-volt, outdoor type, triple pole, single throw, 6-break, automatic trip type, manually operated floor mounted, 750,000 kva. oil circuit breakers, without oil, f.o.b. cars or trucks department's warehouse, 1630 N. Main St. Spec 2174 (a) price for one removable tank lowering device, \$150; (b) for auxiliary parts, \$80; (c) no deduction for acceptance of certified factory tests.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3337, for the rental of one 1½-ton truck, equipped with top and removable seats, for use on WPA projects:

Alexander Bros., Oakland: \$78 per month; net.

Evans Auto & Truck Rental, San Francisco: \$92.50; net.

Portola Truck Service, San Francisco: \$124; net.

### BIDS OPENED

**BONNEVILLE, Oregon.**—Following bids received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Lieut. Col. C. F. Williams, District Engineer, under Bid No. 694-37-208, for furnishing metal-enclosed control equipment for the operation lock at the Bonneville Dam. The equipment shall be totally steel-enclosed, free-standing, and of the dead-front safety type, and consists of four sections of control desk and 14 cubicles of enclosed switchboard.

"A"—F. O. B. cars at bidder's shipping point.

"Alt. B"—F. O. B. cars at Bonneville, Oregon.

Stubbs Elec. Co., Portland: (A) \$14,984; (B) \$15,124.

Graybar Elec. Co., Flanders: (B) \$14,411.

Westinghouse Elec. & Mfg. Co., North Pittsburg: (B) \$14,411.

General Electric Supply Corp., Portland: (A) \$14,980; (B) \$15,124.

NePage McKenny Co., Seattle: (A) \$16,750; (B) \$16,900.

General Electric Co., Schenectady: (A) \$28,160; (B) \$28,160.

Cutler-Hammer, Inc., Milwaukee: (A) \$19,600; (B) \$20,200.

### BIDS OPENED

**MARYSVILLE, Cal.**—DeWalt Machinery, Ltd., 1061 Folsom St., San Francisco, at \$45 per month submitted the only bid received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3339, for the rental of one 3-h.p., 220-volt, 60-cycle, single-phase saw, complete with combination rip and cross cut saw blade and necessary accessories, for the Marysville Migratory Labor Camp, for use on WPA projects.

### BIDS OPENED

**ARCADIA, Los Angeles Co., Cal.**—Bids for furnishing one deep well turbine pump were opened by the Arcadia City Council, as follows:

Six identical bids were submitted at \$4601.25 by Byron-Jackson, Layne & Bowler, Peerless Pump Co., Worthington Pump & Machinery Co., Victor Equipment Co. and Pacific Pump Works.

Winn Loath Pump Co., \$4611.50.

Pomona Pump Co., \$4812.

### CONTRACT AWARDED

**VERNON, Los Angeles Co., Calif.**—Peerless Pump Co. awarded contract by the Vernon city council, at \$4290, for furnishing one deep well pump and motor and appurtenances.

### BIDS OPENED

**OAKLAND.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3335, for the rental of one portable air compressor, 160 cft. actuating air delivery, self-contained power unit, for use on WPA projects, f.o.b. Oak Knoll Blvd. and Mountain Blvd., Oakland:

Western Machinery Co., 760 Folsom St., San Francisco—\$1.60 per hour.

Edward R. Bacon Co., S. F.—\$2.25 per hour.

P. B. Hackley Equipment Co., S. F.—\$2.97 per hour.

Leitch Co., S. F.—\$3.16 per hour.

W. H. Cowan—\$3.17 per hour.

Ariss-Knapp Co., Oakland—\$4.35 per hour.

All bids net.

### BIDS OPENED

**DEL NORTE CO., Calif.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3315, for the rental of one 1½-ton truck for use on WPA projects, f.o.b. Smith River, Del Norte County:

Evans Auto & Truck Rental, San Francisco—\$6 per day; net.

Lerer Bros., S. F.—\$6.74 per day; discount 2%; 20 days.

W. H. Westbrook, \$10.00 per day; net.

### CONTRACT AWARDED

**LOS ANGELES.**—Ottumwa Iron Works, Ottumwa, Iowa, awarded contract by the Metropolitan Water District, Los Angeles, at \$36,350, for furnishing an electric mine hoist for use at the Cabazon shaft of the San Jacinto tunnel, under Spec. No. 192. Complete bids published Feb. 3, 1934.

### BIDS OPENED

**MARYSVILLE, Calif.**—Following bids received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3336, for the rental of one 1½-ton stake body truck, for Marysville, for use on WPA projects:

Pioneer Charter Trucks, Oakland: \$65 per month; net.

Evans Auto & Truck Rental, San Francisco: \$94.50; net.

Alexander Bros., Oakland: \$94.90; net.

Lerer Bros., San Francisco: \$99.49; discount, 2%; 20 days.

Dave Galbraith: \$120; net.

### BIDS OPENED

**WALNUT CREEK, Cal.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3343, for the rental of one 60-h.p. caterpillar type tractor, with bulldozer, for use on WPA projects, fob Walnut Grammar School, Walnut Creek:

Peter J. McHugh, San Francisco: \$185; net.

C. L. Jordan: \$495; net.

Cornell Tractor Co., \$5; discount, 2%; 30 days.

Bodenhamer Const. Co., Oakland: \$325; discount, 1½%; 20 days.

Guerin Bros., San Francisco: \$5.50; net.

Ariss-Knapp Co., Oakland: \$5.50; net.

Paul Teilh, San Francisco: \$6.00; discount, 3%; 20 days; 2%; 30 days.

Bay Equip. Co., San Francisco: \$6.50; net.

### BID OPENING POSTPONED

**PEARL HARBOR, T. H.**—Date of opening bids under Spec. No. 8340 for furnishing a crane for installation on a pontoon at the Pearl Harbor Navy Yard, has been indefinitely postponed by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., pending revision of the specifications. Estimated cost, \$40,000.

A new date for bids will be set shortly.

## 29—STREETS AND HIGHWAYS

### TO ASK BIDS

**LOS ANGELES.**—Bids will be received until Feb. 20 by E. J. Herman, civil engineer, 2201 N. Vermont

Ave., Los Angeles, for improvements to be made in Tract 11165, a new subdivision being placed on the market. It is located at Canyon Drive and Spring Oak Dr. Streets to be improved are Spring Oak Drive and Spring Oak Terrace, a total of about 1200 in. ft., involving curb, gutter, sewers, and macadam paving. The streets are to be 50 ft. and 26 ft. in width and paved to a width of 32 ft. and 20 ft., with 4-in. and 2-in. macadam. Sewer mains will be installed and water will be furnished by the city to serve about 150 people. The owner of the tract is the Beacon Realty Co., Canyon Dr. and Spring Oak Dr.

**BIDS WANTED**

**SANTA MARIA.** Santa Barbara Co., Calif.—Until Feb. 15, 7:30 p.m., bids will be received by the Santa Maria city council for improving El Camino St., and portions of other streets under the 1911 Act, in accordance with plans and specifications which may be obtained from the office of city engineer, York Peterson, upon deposit of \$10 per set, returnable. Certified check or bond for 10% must accompany each proposal. Ford A. Rivers, City Clerk.

- The work involves:
- (1) 52,308 sq. ft. 4-in. gutter, 18-in. wide;
  - (2) 10,778 sq. ft. 6-in. concrete gutter, 3 ft. across intersection;
  - (3) 26,500 lin. ft. curb, 5 in. x 9 in. x 15 in.;
  - (4) 1545 sq. ft. concrete driveways (varying thickness, 3 in. to 5 in.);
  - (5) 194 lin. ft. curb to be removed;
  - (6) 22,495 sq. ft. 6-in. cement concrete alley paving (12 ft. wide).
- The estimated cost is \$35,037.33.

**CONTRACT AWARDED**

**MERCED MARIPOSA.** STANISLAUS. SAN JOAQUIN CALAVERAS. AMADOR AND TUOLUMNE COS., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$5,129.80, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 263 roadside miles at various locations in Merced, Mariposa, Stanislaus, San Joaquin, Calaveras, Amador, and Tuolumne Counties.

**PLANNED**

**WALNUT CREEK.** Contra Costa Co., Calif.—The Walnut Creek city council plans to widen Main Street or a distance of six blocks. City Engineer George Oliver is preparing surveys.

**BIDS WANTED**

**SAN JOSE.** Santa Clara Co., Calif.—Until Feb. 23, 3 p.m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, for the improvement of Dana Avenue, between Naglee Ave. and Emory St. The work involves:

- (1) 11825 sq. ft. portland cement concrete gutter;
- (2) 60551 ft. of portland cement concrete curb;
- (3) 1790 sq. ft. portland cement concrete sidewalk;
- (4) One brick manhole;
- (5) 35 ft. 6-in. portland cement concrete pipe storm sewer drain;
- (6) 12,607 sq. ft. asphaltic concrete pavement, 4-in. thick.

Plans and specifications obtainable in the above office.

**D OPENING POSTPONED**

**STATE OF OREGON.**—Date of opening bids on construction of eight thruway projects has been postponed by the Oregon State Highway Commission. R. H. Baldock, State Highway Engineer, Auditorium 3rd floor, Public Service Bldg., Portland, to

February 18, 9 A. M. Bids were to have been opened February 4.

**BIDS WANTED**

**SANTA PAULA.** Ventura Co., Cal.—Until 7:30 P. M., March 1, 7:30 P. M., bids will be received by the Santa Paula City Council, M. G. Demarest, City Clerk, for improving West Main St. between Steckel Dr. and Foothill Rd., Foothill Rd., from West Main St. to Harvard St., River side Dr., from Ventura St. to Willard Bridge, and Steckel Dr. from Main St. to Harvard St. at the West Main St. entrance to the city, including resurfacing and the construction of a concrete retaining wall of Steckel Dr. The work involves:

- (1) 500 cu. yds. shoulder excavation and grading;
- (2) 7700 sq. yds. asphaltic paint binder;
- (3) 1732 tons plant mixed, medium curing type;
- (4) 28.3 cu. yds. Class A concrete;
- (5) 429 lbs. 1/4-in. mesh reinforcing steel;
- (6) 720 lin. ft. curb;
- (7) 20 lin. ft. curb to be removed;
- (8) one telephone pole to be moved, 9' one manhole to be raised.

Plans and specifications obtainable from the office of City Engineer Gerald Bennett, City Hall.

**BIDS OPENED**

**PHOENIX.** Ariz.—Phoenix-Tempe Stone Co., 12th Ave. and Buchanan St., Phoenix, at \$17,114.65 submitted low bid to the Phoenix City Commission for improving Eighth, Richland and Ninth Streets and Monte Vista Road.

The total bids were: Phoenix-Tempe Stone Co., \$75,114.65. Arizona Sand & Rock Co., \$75,252.47. W. E. Hall Co., \$78,273.41. James Girard, City Engineer.

**CONTRACT AWARDED**

**LOS ANGELES.** Cal.—Griffith Co., L. A. Railway Bldg., at \$23,900 awarded contract by the Los Angeles Harbor Commission, City Hall, for asphaltic pavement roadways, shed floors and wharf decks under Spec. No. 967.

**TO ASK BIDS**

**SUNNYVALE.** Santa Clara Co., Cal.—The City Council has adopted plans and specifications for the resurfacing of South Murphy Street, between Evelyn and Washington Streets, including new curbs and gutters.

Bids will be asked as soon as February 10 1937.

**BIDS OPENED**

**RIVERSIDE** CO., Calif.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$7,932.99 submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino for the reconstruction of a bridge across Santa Ana River near Prado Riverside County.

- The work involves:
- (1) 1 lot existing timber trestle to be removed and disposed of;
  - (2) 200 cu. roadway excav;
  - (3) 20 cu. structure excav;
  - (4) 28 cu. broken stone in place (for Pitum macadam);
  - (5) 4 tons liquid asphalt (90-95) (for bitum macadam).

(1)	\$1001.00	(E)	\$1060.00	(D)	\$2700.00	(F)	\$2900.00
(2)	2.87	(E)	1.00	(D)	5.00	(F)	1.00
(3)	2.27	(E)	1.50	(D)	5.00	(F)	3.00
(4)	5.50	(E)	1.00	(D)	10.00	(F)	8.00
(5)	41.00	(E)	40.00	(D)	70.00	(F)	35.00
(6)	102.90	(E)	110.00	(D)	110.00	(F)	110.00
(7)	86.72	(E)	135.00	(D)	120.00	(F)	115.00
(8)	41	(E)	55	(D)	50	(F)	45
(9)	12.50	(E)	20.00	(D)	30.00	(F)	21.00
(10)	223.00	(E)	460.00	(D)	1000.00	(F)	250.00

plans are approved by the State Division of Highways, Sacramento. Ida Trubetsch, City Clerk; H. N. Bishop, City Engineer.

**BIDS WANTED**

**COCONINO COUNTY.** Ariz.—Until February 25, 10 A. M., bids will be received by the Bureau of Public Roads, 247 New Post Office Bldg., Box 70, Phoenix, C. H. Swetser, District Engineer, for grading and placing a crushed gravel base course with bituminous treatment (light surface application) on a portion of Route 4, Bright Angel Spring-North Entrance, Grand Canyon National Park, and on Sections D, C, E, and F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, all in Coconino Co., a length of 31.93 miles.

- The principal items of work involved are:
- (1) 35 acres clearing;
  - (2) 124,600 cu. yd. unclass. excav.;
  - (3) 900 cu. yd. for structures;
  - (4) 60,000 cu. y. stripping pits;
  - (5) 37,350 cu. y. unclass. excav. for borrow;
  - (6) 75,150 sta. yds. overhaul;
  - (7) 189,700 cu. y. ml. haul (borrow and subgrade reinf.);
  - (8) 62,000 cu. y. subgrade reinf.;
  - (9) 2,900 lf. corr. metal pipe;
  - (10) 960 lf. remove, clean and relay existing CMP;
  - (11) 51,000 tons crushed gravel base course;
  - (12) 1,050 tons supplemental crushed gravel;
  - (13) 2,050 M. gals. watering;
  - (14) 1,185 tons applying liquid asphaltic road material, Type SC-2.
- Plans and specifications obtainable from the Bureau of Public Roads at Phoenix, or at the Federal Office Bldg., San Francisco, upon deposit of \$10.00.

**CONTRACT AWARDED**

**SONOMA, MARIN & NAPA COS.** Calif.—Chas. Kupplinger, Box 356 Lakeport, at \$2.39 per bbl., total \$5,975, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying diesel oil to roadside vegetation for a distance of 188.5 miles at various locations in Sonoma, Marin and Napa Counties, requiring 2,500 barrels of oil.

**CONTRACT AWARDED**

**ALAMEDA.** Contra Costa & Santa Clara Cos., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose at \$2.22 per barrel, total \$3330 awarded

- (6) 32.00 ft.b.m. Douglas fir timber, No. 1 grade.
  - (7) 19,000 ft.b.m Douglas fir select structural;
  - (8) 1256 lf. furnishing Douglas fir piles, incl. test piles;
  - (9) 56 each 12' long Douglas fir piles, incl. test piles;
  - (10) 1 lot miscel. items of work.
- Total bids follow:
- (A) Southern California Roads Co., Los Angeles—\$792.89
  - (B) Dimmy & Taylor—\$9872.80
  - (C) Contracting Engineers Inc., Los Angeles—\$11,818
  - (D) Gibbons & Reed, Burbank—\$11,826.20
  - (E) George Herz & Co., San Bernardino—\$11,960.60.
- Unfr bids follow:

(A)	\$792.89	(D)	\$11,826.20
(B)	9872.80	(E)	11,960.60
(C)	11,818		

ed contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, for applying diesel oil to roadside vegetation for a distance of 111.5 miles at various locations in Alameda, Contra Costa, and Santa Clara Counties.

### 30—RESERVOIRS & DAMS

#### CONTRACT AWARDED

BOONVILLE, Oregon.—Parker-Schram Co., Couch Bldg., Portland, at \$34,432, awarded contract by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, Liet.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-225, for constructing a concrete filler block and a timber and steel cofferdam in temporary navigation recess in Monolith No. 27 at the east end of the ship dock at Bonneville.

#### CONTRACT AWARDED

LAS VEGAS, Nev.—Bebek & Erick, 427 West 78th St., Los Angeles, at \$68,290, submitted low bid and awarded contract by the Las Vegas city council for the improvement of certain streets in Las Vegas, in accordance with plans and specifications prepared by C. D. Baker, engineer, 15 S. 4th St., Las Vegas.

The work involves:

- (1) 92,000 sq. ft. finish grading for curb and gutter;
- (2) 46,000 l.f. curb and gutter;
- (3) 12,000 c.y. furnish and place graded gravel for street surf.;
- (4) 260,000 gals. furnish and spread SC-2 oil;
- (5) 130,000 sq. yds. mix. spread, finish, roll, completed roadway.

This is PWA Project 1021-D.

The other bids were:

Pacific Constr. Co., San Francisco; \$69,760.  
J. C. Compton, McMinnville, Ore.; \$72,330.

#### CONTRACT AWARDED

STANISLAUS, Calaveras, Amador and Tuolumne Counties, Cal.—Sheldon Oil Co., Suisun, at \$24.99 per bbl., total \$3,112.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying diesel oil to roadside vegetation for a distance of about 176 roadside miles in Calaveras, Stanislaus, Tuolumne, and Amador Counties, at various locations.

#### BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until March 4, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about eight miles grading, paving with portland cement concrete, and placing plant-mixed surfacing on crusher run base, in San Diego County, between Las Flores underpass and one mile south of San Onofre.

The work involves:

- (1) 13,700 M. gals. water;
- (2) 383,500 c.y. roadway excav., unclassified;
- (3) 6,225 cu. struc. excav.;
- (4) 72,500 cu. imported borrow;
- (5) 11,681,500 sta. yds. overhaul;
- (6) 96,900 sq. yds. preparing sub-grade;
- (7) 925 cu. existing concrete, remove and dispose of;
- (8) 424 sta. finishing rdwy.
- (9) 11,250 tons crusher run base;
- (10) 7,950 tons min. aggregate (plant mix surface);
- (11) 365 tons liquid asphalt MC-5 or MC-extra heavy (do);
- (12) 90 tons liquid asphalt, SC-2 (prime coat);
- (13) 37 tons liquid asphalt MC-3 (stockpiled surf. and gutter seal coat);

- (14) 950 tons liquid asphalt SC-2 (road-mix surf. treatment);
- (15) 119,000 sq. yds. preparing, mixing and shaping roadbed, shoulders, gutter slopes and dikes;
- (16) 19,370 c.y. Class A portland cement concrete (pave.);
- (17) 39,250 each pave. dowels;
- (18) 291,400 pounds bar reinf. steel (pave. and struc.);
- (19) 1,650 sq. yds. mesh reinf. (ditch lining);
- (20) 195 cu. y. Class A portland cement concrete (do);
- (21) 1,690 cu. y. Class A portland cement concrete (struc.);
- (22) 0.35 MFEM redwood timber, select, dense, all-heart structural grade;
- (23) 816 lf. 8-in. CMP;
- (24) 424 lf. 18-in. CMP;
- (25) 168 lf. 24-in. CMP;
- (26) 210 lf. 36-in. CMP;
- (27) 68 lf. 42-in. CMP;
- (28) 78 lf. 48-in. CMP;
- (29) 26 each spillway assemblies;
- (30) 62 lf. existing pipe culverts, remove, clean and relay;
- (31) 2,170 lf. laminated guard railing;
- (32) 70 lf. existing guard railing removed and stockpiled;
- (33) 69 each culvert markers;
- (34) 2 each culvert markers, remove and reset;
- (35) 18 each guide posts, removed and stockpiled;
- (36) 8.2 miles new property fences;
- (37) 0.3 mile property fences, removed and disposed of;
- (38) 14 each drive gates;
- (39) 1 only cast steel frame and cover for drop inlet;
- (40) 40 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1439, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

#### BIDS OPENED

##### RIVERTON PROJECT, Wyoming.

—Nevada Construction Co., Nevada, Mo., at \$16,400, submitted low bid to the Bureau of Reclamation, Riverton, Wyoming, H. D. Comstock, Superintendent, under Spec. No. 872-D, for clearing the Bull Lake Reservoir site, Riverton Project, about 40 mi. northwest of Riverton, involving clearing of 820 acres.

Complete bids follow:

Nevada Constr. Co., Nevada,	\$16,400
Mo.,	17,450
S. S. Groves, Riverton,	17,450
M. J. Groves & Sons Co.,	19,250
Minneapolis	19,270
Imovich & Co., Seattle	38,200
Leach Bros., Thermopolis, Wyo.	38,200

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### PLANNED

MODESTO, Stanislaus Co., Cal.—Plans and specifications for construction of an extension to the city sewer system are being prepared by City Engineer Frank J. Ross. Cost is estimated at approximately \$30,000. Application has been filed with the WPA for labor and the city will purchase the materials.

#### CONTRACTS AWARDED

LOS ANGELES — Contracts for furnishing and installation of sludge beds and plant grounds improvements at Terminal Island sewage treatment plant (Terminal Island, San Diego Harbor), PWA Project No. 5633, Unit No. 3 (H), were awarded by the Los Angeles board of public works Feb. 5 and approved by PWA as follows:  
Peterson Bros., 239 Olive St., In-

glewood, item No. 3 (furnishing and delivering of pipe and fittings for garden and sprinkling systems) at \$997; item No. 4 (furnishing and planting of hedge, shrubs and trees, furnish and delivery only of lawn seeds) at \$709.

Waterworks Supply Co., 417 S. Hill St., item No. 8 (furnishing and delivery of sludge disintegrator) at \$522.78.

Wallace & Tiernan Sales Corp., 3923 W. 6th St., item No. 11 (furnishing and delivery of special equipment for chlorine control at Pries Ave. pumping plant) at \$175.

Items No. 1 (incinerator furnished and installed) and No. 2 (concrete work, sludge beds and scum beds, sludge piping, water pipe crossings under proposed roadway, earth excavation, screening and grading were rejected and the work will be done by the bureau of construction. Items No. 5 (air compressor), No. 6 (office furniture and equipment), No. 7 (plant tools), No. 8 (plumbing supplies and laundry tray), and No. 10 (laboratory equipment), were awarded informally by the purchasing agent.

#### TO ASK BIDS SHORTLY

WASCO, Kern Co., Calif.—A call for bids will be issued within the next few days by the Wasco Public Utility District, for construction of a sewage pumping plant estimated to cost \$28,000. Koebig & Koebig, Rowan Bldg., Los Angeles, engineers.

Contract for construction of the sewage system and outfall sewers was awarded recently to W. J. Tobin, 3701 Balfour Ave., Oakland, at \$102,666.72.

#### PLANNED

CORCORAN, Kings Co., Calif.—City Council has instructed City Engineer A. Segal to submit cost estimates for installation of sewers in the district between Letts Ave. on the east and the City Limits on the west, and between Whitley Ave. on the south and Patterson Ave. on the north.

#### BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until Feb. 25, 8 p.m., new bids will be received by the Eureka City Council, A. Walter Kildade, City Clerk, City Hall, for the construction of the Washington Street sanitary outfall sewer between Broadway and the Government bulkhead line.

The work involves:

- (1) 2,577 lf. 36-in. pipe in place;
- (a) 26-in. vitrified clay pipe;
- (b) 36-in. standard reinforced concrete sewer pipe;
- (2) 400 lf. redwood sill with continuous concrete saddle;
- (3) 50 cu. y. Class C portland cement protective covering in place;
- (4) One outlet block unit, complete in place, lump sum;
- (5) 100 cu. y. gravel in place as a stabilized foundation.

Plans and specifications obtainable from the office of City Engineer Evan D. Gardner, City Hall, upon deposit of \$10.

Mercer-Fraser Co., Second & Commercial Streets, Eureka, at \$74,677, submitted the previous low bid.

### 33—WATER WORKS

#### BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 18, 2 P. M., bids will be received by P. N. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Rm. 710, 207 South Broadway, for the construction of the Fletcher Drive Pumping Station and installation of equipment. Specifications No. X-90 PWA Docket 1929-R, Unit No. 53.

The work involves:

- (a) construction of reinf. concrete building and appurtenances;
- (b) installation of 7 motor-driven pumping units;
- (c) furnishing and installing pipe work, valves, meters, Venturi tube, hydraulic panel, pressure gauges, drain lines, etc.
- (d) furnishing and installing bench board, auxiliary switchboard, auxiliary and control apparatus outlets for space heating and air conduit for wiring and installing motors, contactors, and resistors, etc.;
- (e) painting the building, equipment, pipe work, etc.
- (f-1) excavation, extra, per cu. yd.;
- (f-2) concrete placed, extra, per cu. yd.

Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS WANTED**

LOS ANGELES.—Until Feb. 18, 2 p.m., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for the construction of diversion channel, pipe lines, and appurtenant works in the Sunland and Tujunga Water Supply Project, PWA Docket 1929-R, Unit No. 60, Specifications No. X-91.

- (a) 12,000 c.y. excav. diversion channel to Sta. 8 plus OO to Sta. 13 plus 00, and excav. trench for concrete infiltration pipe from Sta. 2 plus 40 to Sta. 7 plus 21.14;
- (b) lump sum excav. for pump shaft and for concrete pipe from Sta. 7 plus 21.14 to pump shaft; construct reinforced concrete pump shaft; backfill around pump shaft and over concrete pipe from Sta. 7 plus 21.14 to pump shaft (approx. 50.5 c.y. concrete);
- (c) 554 lf. 30-in. reinf. centrif. concrete pipe, for infiltration gallery;
- (d) 2520 c.y. backfill trench over 30-in. concrete pipe from Sta. 2 plus 40 to Sta. 7 plus 21.14;
- (e) 2000 c.y. construct three dykes from river run material;
- (f) 10,000 sq. ft. construct rock facing, min. thickness 1 ft.;
- (g) 550 tons delivery of 24-in. steel pipe and bends from enameling plant to trench side and all gate valves from Ducommun St. yard to trench side;
- (h) 225 tons delivery 12-in. cast-iron pipe and bends from Van Nuys Pipe Yard to trench side;
- (i-a) 10,600 lf. excav. of pipe trench for 24-in. steel pipe;
- (i-b) 4650 lf. excav. of pipe trench for 12-in. cast-iron pipe;
- (j-a) 10,600 lf. 24-in. steel pipe placed in trench;
- (j-b) 4650 lf. 12-in. cast-iron pipe placed in trench;
- (k) 5 each, furnish all material except curb cocks and install five 2-in. outlets with 2-in. curb cocks;
- (l) 2 each, furnish all material except gate valves and gate valve standpipes and install two 12-in. outlets with gate valves and standpipes;
- (m-a) 10,600 lf. backfill trench for 24-in. steel main
- (m-b) 4650 lf. backfill trench for 12-in. cast-iron mains

Plans and specifications obtainable from the above office upon deposit of \$10.00.

**PERMITS ISSUED**

SACRAMENTO — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of January 1937.  
4872. App. 8813 (Lake County)—Issued to F. W. Scofield, Upper Lake,

Calif., Jan. 16, 1937, for 3 c.f.s. from Rice Creek, for fish culture. Estimated cost, \$1000.

1876. App. 8763 (Nevada Co.)—Issued to El Oro Mining Co., San Francisco, Calif., Jan. 25, 1937, for 12½ c.f.s. from South Fork of Steep Hollow Creek, for mining and domestic purposes. Estimated cost, \$7500.

4878. App. 8821 (San Joaquin Co.)—Issued to Lucien Bordenave, French Camp, Calif., Jan. 25, 1937, for 3 c.f.s. from Little John Creek, for irrigation and domestic purposes on 46 acres. Estimated cost, \$2400.

4881. App. 8810 (Yuba Co.)—Issued to Marilyn Mining Company, Wheatland, Calif., Jan. 29, 1937, for 3 c.f.s. from Bear River, for mining purposes. Estimated cost, \$1000.

**APPLICATIONS FILED**

SACRAMENTO—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during January, 1937:

8867 (Solano Co.)—Estate of Henry Brinck, care H. R. Brinck, Trustee, Winters, Calif., for 0.37 c.f.s. from Pleasant or Moberg Creek tributary to Putah Creek, to be diverted for irrigation purposes on 30 acres. Est. cost, \$1100.

8868 (San Bernardino Co.)—Paulser B. Pigman, Barstow, Calif., for 109,500 gals. per day from Williams Creek tributary to Mojave Desert, to be diverted for stock watering purposes.

8870 (Sierra Co.)—Sisson Gold Mining Co., 312 Oakland Theatre Bldg., Oakland, Calif., for 10 c.f.s. from Peckee Creek tributary to Middle Fork of North Fork of North Yuba River; to be diverted for power purposes.

8871 (San Joaquin Co.)—Nelson H. Davis, Acampo, Calif., for 0.5 c.f.s. from Mokelumne River tributary to San Joaquin River; to be diverted for irrigation purposes on 55 acres. Est. cost, \$900.

8872 (Sierra Co.)—Disney Smith, Los Angeles, Calif., for 3 c.f.s. from Springs tributary to Kanaka Creek of the South Fork of North Fork of Yuba River; to be diverted for mining and domestic purposes. Estimated cost, \$100.

8874 (Nevada Co.)—J. O. Jones, Soda Springs, for 30,000 gals. per day from a spring tributary to Cascade Creek; to be diverted for domestic purposes. Est. cost, \$8000.

8875 (Trinity County)—P. Robert Hughes, San Diego, Calif., for 3 c.f.s. from Manzanita Creek tributary to Trinity River; to be diverted for mining purposes.

8877 (Siskiyou Co.)—John L. Gibson, Orelans, Calif., for 3 c.f.s. from Duncan Creek tributary to Salmon River; to be diverted for mining and domestic purposes. Est. cost, \$2000.

8878 (San Bernardino Co.)—Riverside Water Co., Riverside, Calif., for 10 c.f.s. from sewage effluent from San Bernardino Sewage Disposal Plant, which is discharged into Warm Creek tributary to Santa Ana River; to be diverted for irrigation purposes on 7589 acres.

8879 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Calif., for 270,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River; to be diverted for power purposes; 13260 l.h. to be developed.

8880 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Calif., for 270,000 acre-feet per annum from Cosumnes River tributary to Mokelumne river; to be diverted for municipal purposes.

8882 (Trinity Co.)—E. E. Emmons, Santa Barbara, Calif., for 5 c.f.s. from a creek tributary to Eagle River; to be diverted for mining purposes.

8884 (Shaasta Co.)—City of Redding, Redding, Calif., for 5 c.f.s. from Sacramento River; to be diverted for municipal purposes.

8885 (Los Angeles Co.)—City of Arcadia, Arcadia, Calif., for 2 c.f.s. and 2500 acre-feet per annum from Santa Anita Creek tributary to San Gabriel River; to be diverted for municipal purposes. Est. cost, \$50,000.

8887 (Trinity Co.)—Chico Development Corp., Chico, Calif., for 175 c.f.s. from Stewart's Fork of Trinity River, Owens Creek, Van Matre Creek and Santa Creek, tributary to Trinity River; to be diverted for mining and domestic purposes.

8888 (Humboldt and Trinity Cos.)—Thomas D. Campbell, Hardin, Mont., for 100 c.f.s. from Double S, First, Grave Prairie, Lilly, Cedar, Hawkins, Horse Linto and five unnamed creeks tributary to Trinity River; to be diverted for mining and domestic purposes.

8889 (Contra Costa Co.)—Tidewater Associated Oil Co., 79 New Montgomery St., San Francisco, Calif., for 33.43 c.f.s. from Hastings Slough tributary to Suisun Bay; to be diverted for industrial purposes. Est. cost, \$52,000.

**NO BIDS RECEIVED**

LOS ANGELES CO., Calif.—No bids were received by the State Division of Highways, S. V. Cortelyou, District Engineer, Los Angeles, for drilling a water supply well at the Saugus Maintenance Station site.

**BIDS WANTED**

SAN FRANCISCO.—Until Feb. 19, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 135, for laying 4-in., 6-in., and 8-in. cast-iron mains in Chester and Silver Avenues, Santa Fe, Rhine and Greenwich Sts., Santa Fe, Rhine and Silver Avenues.

The work involves:

- (1) 1,490 lf. excav. and backfill for 4-in., 6-in. and 8-in. pipe, trench 17 in. wide by 26 in. deep;
- (2) 40 c.y. additional excav. and backfill;
- (3) 90 sq. ft. additional pavement removal and replacement;
- (4) Installing pipe:
  - (a) 590 lf. 4-in. bell and spigot cast-iron pipe;
  - (b) 625 lf. 6-in. do.;
  - (c) 275 lf. 8-in. do.;
- (5) 2,400 lbs. installing fittings, gate valves, etc.;
- (6) 200 lf. bell and spigot joints, making joints for pipe and fittings;
- (7) Repavement:
  - (a) 1,800 sq. ft. asphaltic concrete;
  - (b) 60 sq. ft. sidewalk;
- (8) 13 each, installation of ¾-in. screw taps;
- (9) 75 lf. installation of ¾-in. copper service pipe.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$5.

N. A. Eckart, chief engineer.

**CONTRACT AWARDED**

MULTNOMAH CO., Ore.—B. H. Sheldon, Gresham, at \$20,740 (hoist-type or dresser coupled cast-iron pipe), awarded contract by the Multnomah District, H. E. Reynolds, Secretary, Portland, for the construction of water system improvements consisting of approximately 15,550 ft. of 8-in. and 1400 ft. of 6-in. water mains, with necessary appurtenances.

C. E. Carter, engineer, 823 Spalding Bldg., Portland.

**PLANNED**

BAKERSFIELD, Kern Co., Calif.—The Bakersfield city council has referred to the directors of the Kern River Levee District a recommendation of City Manager Fred Nighbert

that flood gates be installed on North Chester Ave. in the northwest section of the city. The district board will consider the recommendation. Fred Gunther is president and H. I. Tupman, secretary.

#### BIDS WANTED

**FRIANT DAM SITE**, Fresno Co., Cal.—Until March 3, 19 A. M., bids will be received by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Post Office Bldg., 7th and K Sts., Sacramento, under Spec. No. 883-D, for the construction of a water tank at the Government Camp at Friant Dam, Central Valley Proj., about 22 miles north of Fresno.

The tank will be a circular steel tank having a capacity of 100,000 gals. and will be erected on a gravel foundation prepared by the Government.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver or Washington, D. C., without charge to prospective bidders; to others, \$0.75, not returnable. Plans will be available about Feb. 15.

A. M. Torpen, division engineer in charge at Friant; T. R. Smith, division office engineer.

#### BIDS WANTED

**LOS ANGELES, Cal.**—Until Feb. 19, 2 P. M., bids will be received by D. F. Nicklin, purchasing agent, Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, Los Angeles, for construction of 20-in. cast iron water supply line under main ship channel, San Pedro, PWA Docket 1929-R; Unit No. 89-B. Spec. No. X-92.

The work involves:

- (a) 175 tons cast iron pipe and fittings to be transported from Dept.'s San Pedro yard;
- (b) 108 l.f. furnish and install 30-in. ID corr. galv. steel pipe with air vents under S. Ry. tracks; install inside this pipe 20-inch flanged end cast iron pipe;
- (c) 11 c.y. furnish all material and place concrete anchor block on 20-in. cast iron pipe;
- (d) 496 l.f. furnish and drive four-teen creased pipe (4 1/4-in., 4 3/8-in., 2 40-in., and 4 50-in.);
- (e) lump sum, construct reinforced concrete pile caps, pipe supports and reinf. concrete tie struts;
- (f) 96 l.f. install 20-in. flanged end cast iron pipe from end of anchor blocks to 90-deg. bend;
- (g) 54 l.f. furnish material and sink a 7-ft. min. dia. sheet pile caisson, excavate to required subgrade inside thereof and dispose of excavated material;
- (h) 50 l.f. install inside caisson 20-in. flanged end CI pipe, inc. 90-deg. bends at top and bottom, and 24-inch section flange and flexible joint spigot;
- (i) 10 c.y. furnish material and place concrete at subgrade inside 7-ft ID caisson;
- (j) 47 l.f. furnish and install inside caisson and outside the 20-inch CI pipe 36-in., 24-ga. steel pipe; place reinf. concrete in space between 20- and 36-in. pipe;
- (k) 1424 l.f. excavate trench for 20-in. pipe from caisson to end of contract on east shore of main ship channel;
- (l) 20 c.y. furnish and place rock blanket for approx. 16 ft. east of caisson;
- (m) 300 c.y. furnish and place crushed rock if required to fill irregularities in pipe trench across channel;
- (n) 1424 l.f. install 20-in. CI pipe across main ship channel from caisson to end of contract on east shore of channel;

- (o) 1424 l.f. backfill over 20-in. CI pipe across channel from caisson to end of contract on east shore of channel;
- (p) 100 c.y. replace rock riprap and place additional riprap if required;
- (q) discount for 40-hour work week in place of work month of not over 130 hours for each labor classification.

Plans and specifications may be obtained at the office of the Purchasing Agent upon deposit of \$10.

#### CONTRACT AWARDED

**SOUTH GATE.**—Mack C. Bryan, South Gate, was awarded contract by the South Gate city council, at \$60,605, for the installation and construction of cast-iron water mains, house laterals, fittings and appurtenances for supplying or distributing a domestic water supply, including hydrants, etc., 1911 Act and WPA. The bid was reported to have been submitted solely to comply with the law due to the requirements of the 1911 Act. The contract will be assigned to the city, as the regulations of the WPA do not permit contractual relations with individuals on construction. Materials entering into the

contract includes 2320 ft. 12-in., 2680 ft. 10-in., 4260 ft. 8-in., 7970 ft. 6-in., and 4995 ft. 4-in. cast-iron pipe, class 150, bell and spigot; 14,306 ft. 3/4-in. galv. pipe, 12,252 ft. 1-in. copper tubing, 462 ft. 6-in. steel tubing, necessary fittings, 1200 lbs. pig lead, 200 lbs. jute, 164 sacks cement, 1007 tons rock, 458 bids, No. 90 road oil. The bids were opened Jan. 29.

#### 34— PARKS AND PLAY-GROUNDS

##### BIDS OPENED

**LODI.** San Joaquin Co., Calif.—Rageth Landscape Nursery, Lodi, at \$1,999.50 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Lodi.

##### CONTRACT AWARDED

**SAN RAFAEL.** Marin Co., Calif.—Wilson's Nursery, 1355 Sir Francis Drake Blvd., San Anselmo, at \$485, awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at San Rafael.

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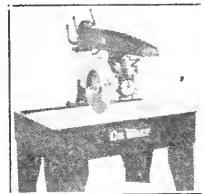
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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**LOS ANGELES.**—Until Feb. 16, 3 p.m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing treated railroad piling, Douglas fir or southern yellow pine (long leaf), as follows: 900 lin. ft. 30-ft. lengths (30 pieces); 450 lin. ft. 45-ft. lengths (10 pieces); i.o.b. Alameda St. and Compton Creek, near Compton. Circ. Prop. No. 265.

**SAN FRANCISCO.**—Until February 15, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-60, for the rental of one 6-in. pneumatic concrete gun, ½ c.y. capacity, and two portable compressors, gasoline engine powered, with a combined output of not less than 500 cu. ft. of air per min.

Delivery f.o.b. West Portal, Baker-Barry Tunnel, Fort Baker.  
Specifications obtainable from the above office.

**FORT MASON.**—Until February 23, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-283, for furnishing 264 squares asphalt-prepared roofing, and 55 gals. lac cement.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Feb. 19, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-166, for furnishing 4,000 lbs. white cotton rags, 2,000 lbs. white cotton rags, and 2,000 lbs. white cotton rags.

Delivery f.o.b. S. F. Waterfront.  
Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Feb. 15, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-167, for furnishing Douglas fir timbers, f.o.b. Fort Funston.  
Specifications obtainable from the above office.

**BONNEVILLE, Ore.**—Until March 5, 3 p.m., bids are postponed from Feb. 24, previously reported, bids will be received by the U. S. Engineer Office, Second Portland District, Lieut.-Col. Charles F. Williams, District Engineer, 627 Pittcock Block, under Bid No. 624-37-263, for furnishing one 480-volt, 3-phase, metal-enclosed, power distribution switchboard, complete with circuit breaker, buses, bus extensions, wire raceway, wiring and accessories, for the powerhouse station service system at Bonneville.

Bids will be taken for alternate deliveries, as follows:

(A) F.o.b. railroad cars at bidder's specified shipping point, transportation costs to be borne by the Government and shipment costs made under Government bills of lading;

(B) F.o.b. railroad cars at Bonneville, transportation costs to be borne by the bidder.

Specifications obtainable from the above office.

**FORT MASON.**—Until Feb. 23, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-284, for furnishing chain link fence, posts, rail, etc.

Specifications obtainable from the above office.

**FORT PECK, Mont.**—Until February 23, 11 a.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. T. B. Larkin, District Engineer, Fort Peck, for furnishing two sets of pump knees, 2 pump bases, one for 250-hp. motor and one for 1500-hp. motor; 2 back heads; 2 sets of pump knees; 2 pump bases for 1500-hp. motor; and 2 back heads.

Specifications obtainable from the above office.

**FORT PECK, Mont.**—Until February 19, 11 a.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. T. B. Larkin, District Engineer, for furnishing one portable gasoline engine driven centrifugal pump complete for use in jetting in poles in dry fill at Fort Peck.

Delivery f.o.b. Wiota, Montana, ready for service.  
Specifications obtainable from the above office.

**FORT PECK, Mont.**—Until February 23, 11 a.m., bids will be received by Lieut.-Col. T. B. Larkin, District Engineer, Fort Peck, for furnishing 6,000 ft. round wood piling in 50-ft. lengths, and 9,900 ft. of round wood piling in 55-ft. lengths. Telegraphic bids will not be considered.  
Delivery f.o.b. bidder's shipping point.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Feb. 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-161, for furnishing brass pipe and fittings.

Delivery f.o.b. U. S. Engineers, Pier 27, San Francisco Waterfront.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Feb. 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-162, for furnishing 310 pcs. of diamond mesh expanded metal.

Delivery f.o.b. Fort Funston.  
Specifications obtainable from the above office.

**FORT MASON.**—Until February 23, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-280, for furnishing 50,750 lbs. sodium trisulphate.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Feb. 19, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-165, for furnishing oil returning pump, Luffe rams, hopper, gate, washers, and 12 mm. gaskets.

Delivery f.o.b. U. S. Engineer Storehouse, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT MASON.**—Until February 18, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-275, for furnishing twist drills, files, hammers, pliers, shackles, hacksaw blades, bolts, hooks, cotter pins, screws, pipe, conduit, pipe fittings, etc.

Specifications obtainable from the above office.

**FORT MASON.**—Until February 19, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-277, for furnishing 100 chamois skins, 80 gals. linseed oil, and 72 gals. paint and varnish remover.

Specifications obtainable from the above office.

**FORT MASON.**—Until February 18, 2 p.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-278, for furnishing 5,600 lbs. granulated calcium chloride.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

**BREMERTON, Wash.**—Until Feb. 23, 10 a.m., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Reg. 164 ERN, for furnishing 2,000,000 lbs. structural steel, complete, consisting of columns, column base plates, trusses, purlins, girts, window and door framing, bracing, gussets, liners, connectors, clips, brace and sag rods, rivets, etc., with necessary field rivets for erection, for the Naval Air Station, Seattle. The materials will be erected by the Government.  
Specifications obtainable from the above office.

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

**SCREWS** and nuts, machine; wood screws. East and West Yards. Sch. 9496; Feb. 16.

**PINCH**, 1 hand operated turret, 12 station; San Diego. Sch. 9917; Feb. 16.

**BALANCING** machine, motor driven; San Pedro. Sch. 9912; Feb. 16.

**GRINDER** motor-driven, semi-automatic internal; Mare Island. Sch. 9909; Feb. 16.

**CASTINGS**, steel, molybdenum alloy; East and West Yards. Sch. 9948; Feb. 16.

**SURFACER**, motor-driven, single cylinder, cabinet type, ball bearing; East or West Yard. Sch. 9922; Feb. 19.

**SAW** and tilting arbor, motor-driven variety, with separate rotary converter; San Diego. Sch. 9916; Feb. 19.

**CABLE**, 11,000 ft. lighting and power; East or West Yard. Sch. 9925; Feb. 19.

**RODS**, 2,000 lbs. iron and steel weighing; Puget Sound. Sch. 9437; Feb. 19.

**BORING**, drilling and milling machine, motor-driven, horizontal, complete with equipment; Mare Island, Sch. 9918; Feb. 19.

**CONNECTORS**, 12,000, solderless, cable, electric; Mare Island, Sch. 9920; Feb. 19.

**TUBING**, 3,250 ft. seamless steel; Mare Island, Sch. 9928; Feb. 19.

**STEEL**, 16,000 lbs., plate; Mare Island, Sch. 9945; Feb. 23.

**CONDENSERS**, 2, synchronous, 10-kva; San Pedro, Sch. 9972; Feb. 23.

**LATHE**, motor-driven, bench-type, without bench and cabinet; San Diego, Sch. 9955; Feb. 23.

**DRILLING** machine, motor-driven, bench-type; San Diego, Sch. 9958; Feb. 23.

**MILLING** machine, motor-driven, and accessories; San Pedro, Sch. 9954; Feb. 23.

**LATHE**, motor-driven, bench-type, without bench or cabinet; San Diego, Sch. 9961; Feb. 23.

**MILLING** machine, motor-driven, universal bench, with attachments and motor; San Diego, Sch. 9962; Feb. 23.

**STANDS**, 11 aircraft engine cylinder radial; East and West Yards, Sch. 9964; Feb. 23.

**ALUMINUM**, foil; East and West Yards, Sch. 9963; Feb. 23.

**FUEL** system units; San Diego, Sch. 9921; Feb. 23.

**RUBBER** packing; East and West Yards, Sch. 9946; March 2.

**BATTERIES**, dry and flashlight; East and West Yards, Sch. 9941; March 2.

**VALVES**, rubber pump; East and West Yards, Sch. 9940; March 2.

**THINNER**, paint, volatile mineral spirits; East and West Yards, Sch. 9942; March 2.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND** — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

February 15, 2 P. M.

**BID NO. 4309**—850 gals. paint; f.o.b. bidder's shipping point and/or Government Island.

**BID NO. 4290**—200 metal louver vents; f.o.b. bidder's shipping point and/or Government Island.

**BID NO. 4279**—10 ml. No. 12 AWG copper-covered steel telephone line wire; delivered, New Castle, Va.

February 18, 2 P. M.

**BID NO. 4308**—New caterpillar replacement parts and lump sum allowance on used equipment; f.o.b. bidder's shipping point and/or Government Island.

**BID NO. 4316**—New caterpillar replacement parts and lump sum allowance on used equipment; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

**GOVERNMENT ISLAND** — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

February 23, 2 P. M.

**BID NO. 4307** 36 paper punches; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

## OAKLAND CITY

**OAKLAND, Alameda Co., Calif.**—Until Feb. 23, 4 p.m., bids will be received by the City of Oakland Bd. of Education, John W. Edgemond, Secretary, Room 104, Administration Building, for hardware supplies, Sch. No. 50, and automobiles, Sch. No. 56.

Specifications on file in the office of the Director of Purchasing, Room 115, Administration Building, Oakland.

**OAKLAND, Cal.**—Until Feb. 16, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing luminaires for the Street Department.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

**ALL-AMERICAN CANAL**—Until February 24, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 880-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Yuma, the following materials for installation in the main and basin control houses of the deslting works at the Imperial Dam, All-American Canal System, Boulder Canyon Project:

- (1) Three steel-sash windows;
- (2) Four aluminum metal-sash windows;
- (3) Six hollow steel swing doors;
- (4) Three steel louvers;
- (5) Two hollow aluminum swing doors;
- (6) Two aluminum louvers;

The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.75, not returnable.

**BOULDER CITY, Nevada**—Until March 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 720, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, the following equipment for installation in the Boulder power plant, Boulder Canyon Project:

- (1) Two 230-kilovolt, 1200-ampere, oil circuit breakers;
- (2) One 230-kilovolt, 1200-ampere, 3-pole, motor-operated disconnecting switch, with manually operated grounding blades;
- (4) One 230-kilovolt, 1200-ampere 3-pole, motor-operated disconnecting switch;
- (5) One 230-kilovolt, 1200-ampere, 3-pole, motor-operated disconnecting switch, with motor-operated grounding blade;
- (6) One 230-kilovolt, 1200-ampere, 3-phase, manually operated, disconnecting switch;
- (7) One 230-kilovolt, 3-phase, outdoor type lightning arrester.

All apparatus will be assembled and installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$150, not returnable.

**BOULDER CITY, Nevada**—Until March 4, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 881-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City: (1) one carbon-dioxide fire-extinguishing system, and (2) four spare cylinders of carbon-dioxide, for installation in the Boulder

Power Plant, Boulder Canyon Project.

All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.25, not returnable.

**PARKER DAM PROJECT, AND SALT RIVER PROJECT, Arizona**—Until March 9, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 722, for furnishing and delivering f.o.b. cars at the shipping point and/or railroad destination, ten 50-ft. by 50-ft. regulating gates, with gate frames and metalwork for gate counterweights, for installation in the spillways at the Bartlett and Mormon Flat Dams, Salt River Project, Arizona, and in the spillway of the Parker Dam, Parker Dam Project, California-Arizona. The materials will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation at Denver, or Washington, D. C., without charge to prospective bona fide bidders; to others, \$4, not returnable.

**RIO GRANDE PROJECT, N. M. & SNAKE RIVER PROJECT, Idaho**—Until March 8, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 723, for furnishing and delivering f.o.b. cars at the shipping point and/or railroad destination, two 6-ft. by 7-ft. 6-in. high pressure gate assemblies and one 3-ft. 3-in. by 3-ft. 3-in. gate assembly; for installation in the outlet works at the Caballo Dam, Rio Grande Project, New Mexico-Texas, and at the Grassy Lake Dam, Upper Snake River Project, Idaho.

The gate assemblies will be installed by the Government.

Specifications obtainable from the office of the Bureau of Reclamation, Denver, or Washington, D. C., without charge to prospective bona fide bidders; to others, \$3, not returnable.

## BUREAU OF PRISONS

**ALCATRAZ ISLAND**—Until February 16, 2 p.m., bids will be received by the Bureau of Prisons, Alcatraz Penitentiary, J. A. Johnston, Warden, to be opened at Room 408, Post Office Bldg., San Francisco, under Bid No. 883, for furnishing a cross feed gear housing for 20-in. black clearance shaper, to be electric welded in a first-class manner.

The present broken housing is now at Dock No. 4, Fort Mason, where it may be inspected.

Specifications obtainable from the above office.

## OAKLAND CITY

**OAKLAND, Alameda Co., Calif.**—Until February 16, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing and delivering 11,140 ft. of rubber insulated lead-covered cable.

Specifications obtainable from the above office.

## HEALTH SERVICE

**SAN FRANCISCO**—Until February 15, 10 a.m., bids will be received by H. N. Krenkel, Supply Officer, Room 113, Marine Hospital, 14th Avenue and Lake Street, for furnishing and installing a motor, including all necessary equipment, on a vacuum pump in Building No. 1, the mah hospital building.

Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES.—Until Feb. 18, 11 a.m., bids will be received by A. J. Holm, Los Angeles city purchasing agent, 107 City Hall, under Spec. No. 3559, for furnishing 8-ton tandem rollers, Buffalo-Springfield or equal, f.o.b. 2517 McPherson St., Los Angeles. Specifications obtainable from above office.

LOS ANGELES.—Until Feb. 18, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing 800 only combination watt-hour meters and time switches, each composed of a 15-amp., 230-volt, 60-cycle, 2-wire watt-hour meter and a 230-volt, 60-cycle, synchronous motor time switch mounted on a standard socket base to fit standard 5-clip sockets for cars or trucks, department's warehouse, 1630 N. Main St., under Spec. No. 2196

LOS ANGELES.—Until Feb. 18, 11 a.m., bids will be received by A. J. Holm, Los Angeles city purchasing agent, 107 City Hall, for furnishing tandem drive power control motor traders, as follows:

(1) 5 Adams, Model 301, or equal; (2) 2 Adams, Model 301, or equal. Trade-in allowance to be made on used graders. Spec. No. 3590.

LOS ANGELES.—Until Feb. 23, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing 4 only 115 kv., 300/600 to 5 ampers, oil filled, outdoor type current transformers for use on a 110 kv., 60-cycle system, f.o.b. 1520 Velesco St., Los Angeles. Spec. No. 200.

LOS ANGELES.—Until Feb. 23, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing outdoor type 115 kv. and 2 outdoor type 138 kv. base mounted combined coupling capacitors and potential devices, f.o.b. Los Angeles. Spec. No. 201.

LOS ANGELES.—Until Feb. 19, 10 a.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing motor generator set (500 watt, 24 volt, D.C. generator, direct connect) to 240-volt, 3-phase induction motor. Bid No. 7182.

LOS ANGELES.—Until Feb. 23, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing: (1) 12 groups, 12 kv., 600 ampere, outdoor type, disconnecting switches complete with insulators; alternate, without insulators; (2) only 132 kv., 600 ampere, 3 pole, outdoor type, disconnecting switches complete with insulators; alternate, without insulators. F.o.b. E. 24th St. and Velesco St., Los Angeles. Spec. No. 2199.

LOS ANGELES.—Until Feb. 16, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing approximately 4000 tons 1½-in. crush-rock for 90 days delivered along sudden Canyon Transmission Line and between Lytle Creek County and top of Cajon Pass. Spec. No. 2212.

LOS ANGELES.—Until Feb. 16, 11 a.m., bids will be received by A. J. Holm, Los Angeles city purchasing agent, 107 City Hall, for furnishing 5 Hough or equal hydraulic skip loaders complete mounted on McCormick-Deering, Model 1-30 tractors or equal, f.o.b. 2517 McPherson St. Spec. No. 3588.

## MET. WATER DISTRICT

LOS ANGELES.—Until Feb. 19, 10 a.m., bids will be received by S. A. Joseph, purchasing agent of the Metropolitan Water District, room 504, 306 W. Third St., Los Angeles, for the sale of salvaged materials as follows: Liner plates, wall beams, 6-in. ribs, 6-in. splice plate ribs, wall beam splice plates, 4-in. rib foot plates, 6-in. rib foot plates and acting bolts. Gr. No. 531-14, Appraisal No. B2-1. Material may be inspected at East Coxcomb Tunnel, located 35 miles southwest of Rice, Calif., or 70 mi. northeast of Indio via Desert Center.

LOS ANGELES.—Until Feb. 19, 10 a.m., bids will be received by S. A. Joseph, purchasing agent, Metropolitan Water District, room 504, 306 W. Third St., Los Angeles, for the sale of salvaged materials as follows: Liner plates, 6-in. columns, 4-in. ribs, 4-in. splice plate ribs, 6-in. steel timber ribs, 4-in. rib foot plates, bolts. Bid No. SM-133, Appraisal No. B2-2. Material may be inspected at East Iron Mountain Tunnel, located 16 mi. northeast of Rice, Calif.

LOS ANGELES.—Until Feb. 26, 10 a.m., bids will be received by S. A. Joseph, purchasing agent, Metropolitan Water District, room 504, 306 W. Third St., Los Angeles, for the sale of salvaged materials, Bid No. SM-151, Appraisal No. O-179, as follows: One Bucyrus-Erie dragline shovel, model 50-B, Diesel No. 122, Serial 10624, Engine No. 9788, equipped with 55-ft. dragline boom and 10-ft. boom extension, one 2-cy. dragline bucket and Kohler lighting plant, powered with 4-cylinder Atlas Imperial Diesel engine, 125-hp. Equipment may be inspected at the district's Thousand Palms Camp, located 20 miles east of Garnet, Calif.

## HUMHOLDT COUNTY

EUREKA, Humholdt Co., Calif.—Until February 16, 3 p.m., bids will be received by the Eureka City Council, A. Walter Kildale, City Clerk, City Hall, for furnishing one 17-passenger city service bus body fully equipped, to be mounted on a chassis with 157-in. wheel base. Delivery f.o.b. Eureka.

Specifications obtainable from the above office. John Griffith, Superintendent of Public Works.

## LOS ANGELES COUNTY

SOUTH GATE, Los Angeles Co., Calif.—Until Feb. 19, 7:30 p.m., bids will be received by the South Gate City Council, H. C. Peiffer, City Clerk, for furnishing 23,710 ft. 4-in. to 12-in. Class 150, B & S cast-iron pipe, 14,306 ft. 7½-in. galvanized pipe, 12-in. 232 lb. 1-in. type K copper tubing, and miscellaneous fittings.

Specifications obtainable from the office of City Engineer Guy Nevill.

SOUTH GATE.—Until Feb. 19, 7:30 p.m., bids will be received by the South Gate city council for furnishing 1007 tons of rock in accordance with specifications which may be seen at the office of the city engineer, Guy Nevill, and at the office of the city clerk, H. C. Peiffer. Certified check or cashier's check for 10% must accompany each proposal.

MANHATTAN BEACH, Los Angeles Co., Calif.—Until Feb. 18, 8 p.m., bids will be received by the Manhattan Beach city council for furnishing and installing a booster pump unit consisting of one horizontal booster pump (800 g.p.m.) mounted on a base plate fitted with a flexible coupling for direct connection to one horizontal gasoline engine which must also be furnished. Spec. No. W6-1937, for gasoline-driven centrifugal booster pump, may be seen at the office of Merritt J. Crandall, city clerk. Certified check or cashier's check or bond for 10% must accompany proposal. W. E. Malcor, water superintendent.

BURBANK, Los Angeles Co., Cal.—Until Feb. 16, 7:30 P. M., bids will be received by H. F. Stites, Burbank city manager, for furnishing 35,000 volt lead covered, paper insulated cable and accessories, fob 4000 S. Olive Ave., Burbank. Spec. No. 114 maybe obtained from the Supt. of the Public Service Dept., 174 S. Magnolia Boulevard, Burbank. Certified check or draft for 10% must accompany bid.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

BID No. February 15, 10 A. M.  
BID No. 3259—100 cy. ready-mixed concrete; f.o.b. Seminary Ave. & Mauritania St., Oakland.  
February 17, 10 A. M.

BID No. 3590—One lot rail fence, complete with fabric, ready to install; f.o.b. Zoological Gardens, Sunset near Skyline Blvd., San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Feb. 15, 10 a.m., bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3588, for furnishing 372 tons crusher run base rock, for use on WPA projects.

Delivery f.o.b. Lyon St. Approach to Golden Gate Bridge, Halleck St. and Marina Blvd.

Specifications obtainable from the above office.

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## IN THIS ISSUE



Sacramento Air Depot Bids  
Invited



*Page Backs Resources Committee  
6-Year Plan*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
GATE**

**TRUE PORTLAND CEMENT**



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# PACIFIC CONSTRUCTOR

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No. 5

## \$4,302,000 Sacramento Air Depot Work On Market; Supply Building Advertised

SACRAMENTO, Feb. 18.—Calls for bids on four contracts for work aggregating \$1,167,000 at the Army Air Corps Supply Depot near Sacramento, issued by Major Arthur W. Parker, today brought the total estimated cost of depot work for which bids have been called in the last three weeks to \$4,302,000.

Largest of the contracts, for which bids will be opened March 25,

is for the construction of a \$1,072,000 two-story depot supply building and head house, and one-story east and west wings of the warehouse. Construction will be reinforced concrete and steel, and buildings will conform with other air base structures. Lump sum bids will be taken with ten alternates.

Bids will be opened March 16 for two contracts, each estimated at about \$45,000. The \$45,000 water distribution system will also be a lump sum job, though contractors must submit unit prices. The only alternate calls for an addition or deduction if cast iron pipe is omitted on all water lines and asbestos cement pressure pipe as specified is substituted.

### Sanitary Sewers

The second contract calls for the construction and completion of sanitary sewers, and bids will be taken under the same conditions as those for the distribution system.

Bids for the construction of the Quartermaster gasoline and oil storage tanks, together with piping and pumps, will be opened March 18. The job is estimated to cost \$5,000.

All bids must be submitted to Major Arthur W. Parker at the new quarters at the Army Air Corps Supply Depot, but bids will be opened at the Builders' Exchange, 720 I street, Sacramento.

### Engineering Shops

Last month bids were called on two other large contracts for work at the depot. Biggest of these was for the \$1,500,000 engineering shop and repair docks. The building will be 880 by 600 feet and of reinforced concrete construction, and will be one-story, about 90 feet high, with a 50 foot clearance under the trusses. Walls and foot-

ings will be of reinforced concrete; an asbestos metal-protected roof will be erected over the docks and a built-up roof with flat deck over the engineering shop. Bids are to be opened March 25.

The second job on which bids were called last month is the construction of two-story, reinforced concrete and steel headquarters building. The headquarters structure will have a marble rotunda with terrazzo floors, a built-up roof, asphalt and tile floors elsewhere. A two-story reinforced concrete and steel fire and guardhouse will also be built at the cost of \$13,000. The cost of the former building is estimated at \$92,000. Bids will be opened today.

### Three Contracts Let

Three major contracts for the construction of the \$7,000,000 army depot for which \$4,000,000 became available last July, together with \$3,000,000 for additional work authorized by Congress, have been awarded to date. Last December Meyer Construction Company was the successful bidder, at \$88,612, for the construction of a quartermaster's warehouse, warehouse annex, maintenance building and garage. The first of these structures have been completed and are being occupied by Army officials. In January two contracts were awarded, as follows: for construction of an elevated steel tank to Pittsburgh-Des Moines Steel Company, at \$24,900; and for the construction of a standard gauge railroad track and turnouts, to Forsythe-Worron and Company, at \$23,995.

Shipments of steel lockers during December, 1936, amounted to \$127,363, more than double the total of \$206,323 recorded for shipments during December, 1935, the Bureau of Census reports.

## METROPOLITAN DISTRICT DAMS OUT FOR BIDS

Gene Wash, Copper Basin  
Structures Advertised; Bids  
Open March 18

Bids for constructing two large dams in San Bernardino county will be opened by directors of the Metropolitan Water District in Los Angeles March 18, it was announced last week.

Stipulating that award will be made to not more than one bidder and must include all items of work the district has divided the bidding list into two schedules.

Schedule 1 calls for construction of a concrete arch dam at Gene Wash with a maximum height of about 156 feet and a crest length of 430 feet; an ogee concrete spillway with non-overflow gravity extensions having a maximum height of about 34 feet and a total length of 460 feet; and two reinforced concrete dikes having a maximum height of 25 feet and a total length of 1300 feet.

### Copper Basin

Schedule 2 calls for constructing a concrete arch dam across the outlet of Copper Basin, with a maximum height of about 210 feet and a crest length of 220 feet; an ogee concrete spillway dam having a maximum height of 18 feet and a length of 18 feet, for Copper Basin reservoir; and a reservoir outlet structure at the entrance to the Whipple Mountain tunnel.

The project is located about 13 to 20 miles by road northeast of Earp.

Plans and specifications will not be available until February 18, the district announced. Blueprints and lists of quantities involved are available now, and a complete set of drawings and lists will be furnished free to those making payment for specifications at the advertised price of \$5.

The combined bidding schedules include a total of 73 items. Bids must be accompanied by certified checks in the amount of \$85,000, district officials said.

## Huge Construction Program Needed, Page Tells A.G.C.; Lauds Committee's Report

Placing his full support behind the proposed six-year water program of the National Resources Committee recently transmitted to Congress, Commissioner John C. Page of the U. S. Bureau of Reclamation yesterday told contractors assembled in the annual A.G.C. convention at San Antonio that a volume of construction so tremendous it "almost staggers the imagination" will be necessary to overcome the present water problems of the United States.

"Dams and protective works are needed, wells and pipelines are required, sewers and sewage treatment plants are necessary, locks and channel improvements must be constructed, reservoirs and canals must be built," the commissioner said.

Referring to the committee report recommending for immediate or deferred construction and for investigation, projects costing over \$500,000,000, Mr. Page declared:

### Pattern for Future

"The report was . . . an excursion into the field of water planning, and, I believe, a notable one; one which can be followed as a pattern in the future and changed and altered from year to year to meet developing needs. If adhered to and used as a basis for future planning, this report will go a long way toward eliminating the chaos and uncertainty that has attached to our efforts in the past to deal with the control of our rivers and streams.

"To one interested in reclamation, as I am, the fact that we now have turned our hand to planning for future water conservation and control appears to be of great moment. To those who have been interested in other water problems, be they flood control, pollution abatement, development of city water supplies or navigation, this report also should be encouraging."

Mr. Page illustrated his address with numerous instances of value derived through construction of water conservation projects. Boulder and the All-American Canal, Grand Coulee, and others of the great Western projects were used to demonstrate his point.

### Resources Wasted

Vividly describing the nationwide havoc wreaked by uncontrolled rivers and streams, Mr. Page said:

"The terrible droughts of 1934 and 1936 in the Great Plains area, and the floods of unprecedented destructiveness in the East in 1936 and in the Ohio Valley this year, have brought a realization that our carefree days are over. We have come of age 130,000,000 strong. Suddenly we are asking for an accounting of our patrimony, which until yesterday we took for granted, and are amazed to find how much of our national resources has been wasted, and how serious the consequences are going to be.

"Awake and aroused, however, there is every reason to believe that even these problems, which

now seem so appalling, can be solved.

"It is as though young America had been speeding down a broad highway finding on either side new frontiers, easily conquered and rich beyond expectation, for so long a time that the assumption grew that the road would never have an ending.

"Suddenly, however, in full view is the end of the road, well marked with a sign, 'Stop, look out, caution.'

### Drought Warning

"The brakes have been squealing ever since the drought of 1934 sent dust storms sifting eastward from the Great Plains. A mantle of fine, blowing soil darkened the skies of half the nation. The problems of the Great Plains quickly became the problems of millions of housewives more than a thousand miles away. This was a warning which could be written with a finger on any polished table top.

"The floods which followed in the spring of 1936, last summer's drought, and the floods of 1937 have caused us to cut our speed to a cautious pace.

"While we were slowing down, there was a great deal of shouting; a lot of speculation about how these disasters could have been prevented and a large amount of bitter name-calling among those who contend that certain groups are responsible for the situation in which we find ourselves.

"It is well to realize, however, that no plan can be made retroactive; that even the fixing of responsibility, except in so far as it is necessary to discover the causes of these disasters, will not help to correct past errors; and that our major concern must be with the future. Sound plans of action made effective at this time will prevent recurrence of the mistakes we now so clearly recognize. They will not correct previous mistakes but they can and must combat their costly consequences."

### IN NEW QUARTERS

Pacific Gas Heating Co. announces its removal from 1240 Mission street to 245 Van Ness avenue south, between Thirteenth and Fourteenth streets, San Francisco. The telephone number is MArket 1352.

Production of malleable iron castings in short tons for the month of December, 1936, amounted to 81,674, a substantial increase over the production total of 45,598 for the same month in 1935, according to the Bureau of Census.

## SCHOOL BUDGET HERE AWAITING WORD FROM PWA

### Wilder Says Applications Are Being Received to Form List of Worthy Projects

San Francisco school authorities have taken steps during the past week to discover what the probable result of their application to the PWA for a 45 per cent grant on a \$1,501,365 school program will be, it was learned from a reliable source yesterday.

On the success or failure of this application the amount of money to be allocated in the 1937-38 tentative budget for school construction depends. The budget is now in the hands of Controller Levy. Last week Superintendent Jos. P. Nourse submitted his tentative budget which called for an outlay of \$10,686,000, to the Board of Education for approval. While it is believed that the amount set aside for construction will not equal last year's \$675,000, no actual sum was written into the budget. The exact amount will, in all probability, remain indefinite until Washington indicates what action will be taken on the PWA application.

### Allocation Awaited

State Administrator A. D. Wilder of the PWA, when questioned regarding the fate of applications now in Washington, stated that he had received no word as to what future action will be taken by President Roosevelt on applications now on hand. No money has yet been allocated for the continuation of the PWA program.

"Our office will continue to take applications for grants to worthy projects," Mr. Wilder said. "While we do not know what action will be taken, we have been instructed to accept applications, thereby accumulating a back-log of worthy projects which may be started should funds be made available."

## Three New Members Announced by S. F. Builders' Exchange

Three firms have been elected to membership in the San Francisco Builders' Exchange, and two others have renewed their membership, it is announced.

New members are James Patt, plastering contractor, 147 Tenth street, San Francisco; Albert B. Mann, acoustical engineer, 633 Bryant street, San Francisco, and Mid-State Construction Co., general contractors, 245 Clinton ave., Fresno.

Firms who have renewed their membership are United Materials & Richmond Brick Co., and V. Filippis.



## PLAN ADDITION TO WAREHOUSE AT SACRAMENTO

California Packing Corporation  
To Erect \$120,000  
Structure

Expansion of the California Packing Corporation's facilities at Sacramento will be underway shortly, it was revealed yesterday, following announcement that plans are being prepared for a \$120,000 addition to the Sacramento cannery.

The addition will be a one-story warehouse building to cover two city blocks, and will be situated on the north side of the "B" St. levee, adjoining the present plant which is located south of the levee.

The warehouse, for which plans are being prepared by the Cal-Pack engineering department, will have brick walls, a frame roof and concrete floors, company officials said.

### To Ask Bids

General bids for the structure probably will be asked within the next six weeks.

Meanwhile hearing on another project, incidental to the cannery addition, is to be held before the Sacramento city council March 16.

The firm has applied for permission to build a subway through the levee, over which the Southern Pacific tracks pass, to join the present plant with the addition.

The present plant, reported to be one of the largest fruit and vegetable canneries in the world, is located at Sixteenth and "C" streets.

## Engineers Planning Convention in March

All civil and structural engineers in California have been asked to attend an emergency convention in Sacramento, March 19 and 20, called by President A. V. Saph, Jr., of the Structural Engineers' Association of Northern California.

A number of prominent speakers, including Dr. Paul F. Cadman of the University of California, will attend the session which will be devoted in part to proposed legislation effecting engineers to be acted upon at the next meeting of the legislature.

Dr. Cadman's topic, according to William H. Popert, chairman of the publicity committee, will be "The Place of the Civil Engineer in the Future Growth of California."

Those wishing additional information on the convention are asked to get in touch with S. S. Gorman, chairman of the committee on arrangements.

## PRICES ADVANCE, BUREAU REPORTS

The index for building material prices advanced one per cent during the week ended February 6, bringing the current index to 92.1 per cent of the 1926 average, the U. S. Bureau of Labor Statistics reported yesterday. The increase was due to sharply increasing prices for lumber with smaller increases in brick, paint materials and plate glass prices, the bureau's wholesale price survey said.

Plumbing and heating fixture prices remained steady during the week, a drop in the price of tin cans being responsible for the decline of metals and metal products prices to 90.4 per cent of the 1926 level.

## ANNOUNCE STEEL CONGRESS PLANS FOR THIS YEAR

Delegates from Many Nations  
To Attend Sessions  
In New York

With delegates from all steel producing countries in attendance, the Sixth International Congress for Steel Development will convene in New York City June 28, the American Institute of Steel Construction announces. The institute will act as host.

Purpose of the conference, which will last through July 3, is the exchange of information regarding improved methods of applying steel to construction and other uses, with the ultimate object of making the material better adapted to all the uses for which it is intended.

Five similar conferences have been held during the previous five years, all meeting in Europe. The last was in Berlin in 1936.

### Many Participate

Participating in the conference, in addition to the American Institute of Steel Construction, will be the British Steelwork Association and organizations in Belgium, France, Germany, Italy, The Netherlands, Poland, Roumania, Switzerland and Czechoslovakia.

For the constant interchange of information between the steel producers the Conference maintains an international documentation office at The Hague, Netherlands, under the direction of Mr. E. A. van Genderen Stort.

The various sessions of the 6th International Conference to be held in New York this summer will be open to the public. In addition various social functions are being scheduled by the American industry which will be interspersed with sight-seeing trips for the visitors.

## U. S. BUILDING GAINS DESPITE FLOOD, STORMS

Permits 24.4% Above Jan.,  
1936, Dun & Bradstreet  
Report; Under December

Volume of building in the United States last month as indicated by building permit values showed a decline from December that was more than seasonal but continued substantially above the corresponding month of 1936 despite floods and unseasonably weather, according to the monthly report of Dun & Bradstreet, Inc.

Total estimated cost of January permits for 215 cities reporting to the firm amounted to \$68,341,235. This was a drop of 18.2 per cent from the \$83,557,063 recorded in December. The usual decline for the period is about 12 per cent. There was a gain, however, of 24.4 per cent shown over January a year ago when permits aggregated \$54,957,904.

### New York Lower

New York City permits, amounting to \$12,639,272, showed a loss of 22.8 per cent from December, and were also 10.4 per cent below January, 1936. Permit values for the 214 cities outside of the metropolis totaled \$55,701,963 in January, representing a decrease of 17 per cent from the preceding month, but a rise of 36.3 per cent from the January, 1936, total.

The group totals of building permit values for the 215 cities for January, this year and last, are shown in the following table:

Groups:	1937	1936
New England	\$10,182,551	\$2,278,432
Mid. Atlantic	18,490,172	17,413,193
South Atlantic	7,324,987	5,754,412
East Central	10,763,071	10,654,228
South Central	7,715,675	7,575,689
West Central	1,834,287	1,667,229
Mountain	941,526	1,071,408
Pacific	11,278,966	8,543,313

Total U. S.	\$68,341,235	\$54,957,904
New York City	\$12,639,272	\$14,105,246
Outside N. Y. C.	\$55,701,963	\$40,852,658

Compared with January a year ago, gains were registered for all groups except one, the Mountain States, while contrast with December revealed lower building permit totals in all groups, except New England. The total for the latter group was considerably swelled by the particularly large permit figure reported for Boston in January.

New orders for steel office furniture received during December, 1936, amounted to \$2,226,663, as compared with orders totalling \$1,520,338 taken during the same month of the previous year, according to the monthly report of the Bureau of Census.

Sales of windmills during 1936 amounted to 70,125 units, a substantial increase over the total of 51,513 sold during 1935, the Bureau of Census reports.

## CLARENCE EATON APPOINTED TO LICENSE BOARD

Named By Merriam to Complete Unfinished Term of Bechtel

Governor Frank F. Merriam yesterday announced appointment to the Contractors' State License Board of Clarence B. Eaton of the firm of Eaton & Smith, general engineering contractors, 715 Ocean avenue, San Francisco, and the reappointment of S. G. Johnson, general building contractor of Oakland, and of William Niles, plumbing contractor of Los Angeles, according to Earl S. Anderson, Executive Secretary of the Board and State Registrar of Contractors.

Eaton was appointed for the balance of a two-year term allotted to general engineering contractors, which was left vacant by the resignation of Warren G. Bechtel due to the pressure of business. Johnson and Niles succeed themselves and will serve for four years.

### Civil Engineer

Registered as a civil engineer as well as a contractor, Mr. Eaton a graduate of Stanford University, has been a member of Eaton and Smith since 1914. The firm is now completing the half million dollar Niles Underpass, performed a million and a half dollar contract on the Golden Gate Bridge project and has successfully completed many major engineering contracts in California. He is a member of the Board of Directors of Industrial Underwriters, Inc., and of the Northern California Chapter of Associated General Contractors.

Johnson, commencing his second term upon the Board, has been identified for many years with the activities of Oakland and East Bay construction organizations, and is one of the best known general building contractors of that area.

Niles also commences a second term upon the Board and is President of the State Association of Master Plumbers, an organization with chapters in twenty-one important cities of the State.

## Grant Certificates To Two Architects

The State Board of Architectural Examiners has granted provisional certificates to practice architecture in California to two Bay region architects, according to Secretary Henry J. Devine of the Northern district. The action was taken at a recent board meeting.

The two are Charles S. Pope, 1932 Cabrillo street, San Francisco and Alfred C. Williams, 5921 Monzal avenue, Oakland, Mr. Devine said.

## Two Redwood City Harbor Contracts Out for Proposals

Bids on two contracts for work at the Redwood City Harbor will be opened next month, it was revealed yesterday, following announcement that the city will receive proposals March 1 for construction of facilities to cost \$27,000.

Bids for dredging about 2,006,320 cubic yards of material from Redwood Creek are to be opened at the U. S. Engineer office in San Francisco March 12. The dredging work is expected to cost about \$188,000, and extends from deep water in San Francisco Bay to a point about 2500 feet upstream from the junction of Redwood Creek with West Point Slough.

Facilities for which the city council will open bids March 1 include an office building in the north end of the transit shed; plumbing and sewers; electric light, heat and power system; automatic sprinkler system; water supply mains; and paving roadways and parking area.

A 450-foot timber wharf and transit shed will be erected by Healy-Tibbitts Construction Company, San Francisco, under a recently awarded \$93,472 contract.

## Anglim Says FHA Permanent Agency

With the spring home building program already under way, this year promises to eclipse the six-year record for residential construction established in 1936, Clifford C. Anglim, district director of the Federal Housing Administration, declared yesterday.

"With the launching of this extensive program, it is well to again call attention to the fact that the National Housing Act does not expire next April or next July, as some seem to think," Anglim declared. "The Act is permanent legislation, and the Federal Housing Administration is a permanent governmental agency."

"Both the House and Senate committees have acted favorably for extension of Treasury guarantees of Housing Administration insurance fund debentures from July 1, 1937. The insurance of home mortgages will continue, pending final Congressional action, with a fund which now totals \$15,000,000. This fund is increasing at the rate of \$500,000 each month."

Anglim explained that government insured mortgages for the building, buying and refinancing of residential property will be available at all times through lending institutions authorized by the Federal Housing Administration to make such loans. He stated that the modernization credit plan, known as Title I of the Housing Act, expires April 1, 1937, unless extended by Congress.

## REIMERS NAMED SUCCESSOR TO ROTH ON BOARD

Takes Office With Architectural Examiners for 4-Year Term

Frederick H. Reimers has been sworn in as a member of the State Board of Architectural Examiners, Northern Division, succeeding C. F. B. Roth whose term expired in January.

Mr. Reimers will serve until January, 1940. He has practiced architecture in San Francisco since 1915. In 1917 he joined the A.E.F. and saw service overseas. Following the war he studied architecture in Europe and in the East.

### Oakland Resident

He returned to take up his work in San Francisco and has remained here since that time, specializing in residential designing. Recent structures designed by Mr. Reimers include the Vallejo Junior High School, Grass Valley Elementary School and the Friden Calculating Machine factory in San Leandro. He resides in Oakland.

Other members of the Board are: Fred H. Meyer, president; Harry J. Devine, secretary-treasurer; Warren C. Perry, and C. J. Ryland.

Coincident with the appointment of Reimers to the Northern Board, Louis J. Gill was reappointed a member of the State Board of Architectural Examiners, Southern Division. Gill practices architecture in San Diego.

## Sacramento to See FHA Homes Exhibit

The Federal Housing Administration's "touring exhibit" of a model town, illustrating possibilities offered to prospective home owners and builders through FHA loans, will be shown at the John Breuner Co. store in Sacramento for a week, starting February 23, it is announced.

The exhibit consists of fifteen homes, one - eighth actual size. Each home is landscaped and arranged for inspection. The exhibit was first shown at the San Diego exposition, where it attracted 6,000,000 persons. It was voted the most popular attraction at the fair.

Since then it has been shown in Washington and Oregon where it attracted thousands of persons interested in building their own homes.

Shipments of malleable iron castings, in short tons, for the 12 months of 1936 amounted to 571,696, as against 466,395 for the year of 1935, the Bureau of Census reports.

## FIRST QUARTER LUMBER OUTLOOK BRIGHT, REPORT

Commerce Dept. Committee  
Sees Gains Following  
End of Strike

With estimated lumber consumption in 1936 more than 10 billion feet greater than in the preceding year, outlook for the current quarter is for further increases, according to a report to the Department of Commerce from its special lumber survey committee.

Deferred shipments released by the end of the maritime strike and an anticipated gain in farm building indicate gains in consumption, the committee said.

Following is the text of a Department of Commerce bulletin on the quarterly report:

The Department of Commerce has received a report from the Special Lumber Survey Committee on Lumber Consumption, Lumber Stocks and on Anticipated Consumption during the first quarter of 1937. This is the 23rd quarterly report of the Committee.

### Consumption Gains

The Committee finds that national lumber stocks on January 1, 1937, for approximately 7.4 billion feet were two per cent in excess of stocks on January 1, 1936. Estimated lumber consumption in 1936 was approximately 23 billion feet, more than 10 billion greater than in 1932. The end of the Pacific Coast strike is releasing a heavy volume of deferred shipments. With the restoration of flooded areas there will be some revival of lumber production, replacement of lost and damaged stocks and a substantial demand for rehabilitation building materials.

Regional relationships of stocks, the Committee reports, have been disrupted by the maritime strike. Considered in the light of heavy unfilled order files, stocks are inadequate in many regions. The Committee finds that the available reserve producing capacity of the lumber manufacturing industry is ample to meet all present and prospective demands for lumber. The nation-wide restoration of larger volume consumption of lumber may be expected only at moderate price levels commensurate with prices of competitive materials and with public purchasing power. The Committee recommends that the lumber industry discourage "lumber famine" propaganda and resist artificial pricing of its products.

The Lumber Survey Committee appointed on July 9, 1931, consists of Thomas S. Holden, vice-president, H. W. Dodge Corporation, New York; M. W. Stark, Economist, Columbus, O.; Calvin Fentress, chairman of the board, Baker, Frenness & Co., Chicago; Phillips A. Hayward, Chief, Forest Products Division, Department of Commerce, and Wilson Compton, Secretary and Manager

## Indirect Labor Ratio 2.6 to 1 on Post Offices, Bureau Investigation Reveals

Continuing a two-year investigation into the ratio between direct and indirect labor created by Public Works Administration projects, the Bureau of Labor Statistics has reported to Administrator Harold L. Ickes that the ratio on 92 post offices, financed by Federal PWA allotments, was 2.6 to 1.

This establishes that 26 hours of labor were created for men in the factories, mines, and forests, supplying raw or fabricated materials to every ten hours of labor created for men at the site of construction.

By this new report the mystery concerning one of the vital unknowns of employment resulting from the PWA program was further dispelled. For years the ratio of indirect to direct labor in construction has been a matter of widely varying estimates and conjecture on which reliable information was not available anywhere. Realizing that specific factual information on the subject must be ascertained if the employment generated by PWA was to be accurately gauged, PWA requested the Bureau of Labor Statistics to undertake the task. The result of this statistical research in which millions of contracts, payrolls, time sheets, specifications, etc., were studied, is now becoming available.

### First Report

This is the first report on the direct and indirect ratio of labor for Federal projects under the PWA program. It was recently established as part of the same study, that five man-hours of labor were created in mines, forests, and factories to every two man-hour created at the site of construction on all non-Federal PWA projects—a ratio slightly lower than that prevailing in post office construction.

The Bureau reports that more than 5,500,000 man-hours of labor were created in the construction of the 92 projects. These conclusions were based upon cost accounting reports from 35 general contractors and 835 sub-contractors who willingly opened their books to the statisticians, directed by Herman B. Byer.

There has been created a total of 532,238,000 man-hours of labor at the site of construction on the basis of Byer's 2.5 to 1 ratio on the PWA non-Federal Program. An additional 1,330,595,000 man-hours of indirect labor were created, making a total of 1,862,833,000 man-hours. This, of course, does not include the Federal program, nor does it take into consideration 1,064,476,000 man-hours of employment which PWA statisticians estimate is created in those industries engaged in furnishing consumer's goods. All in all, the non-Federal program created an estimated 2,395,071,000 man-hours of labor. Should further investigation by the Bureau of Labor Statistics discover that the 2.5 indirect to 1 direct ratio is applicable to the entire PWA

construction program, then the organization over the three and one-half years since its conception may be said to have created in excess of eight billionman-hours of work.

### Material Purchases

On the basis of studies made of the 92 post offices, the Bureau said 1,535,000 man-hours of labor were created at the sites of construction. The purchase of construction materials and overhead disbursements created nearly 4,000,000 man-hours of labor in factories, mines, and forests, often thousands of miles from the scene of construction.

The 92 post offices represent approximately 30 per cent of the total number of that type of building financed from PWA funds, which were completed in 1934, 1935 and 1936. Large post office buildings, which would tend to distort the sample, were not included. The 92 post offices ranged in cost from \$51,034 for one of the buildings constructed in Indiana, to \$178,206 for a post office in Alabama. The combined cost of the 92 buildings was \$4,362,435.

Out of each dollar spent for the construction of the 92 post offices from Public Works Administration funds, 30c went to labor at the site, 54c for material (including wages represented in the cost of such materials) and 16c for overhead and profit. Payroll disbursements at the site of construction totalled \$1,309,512; construction materials \$2,333,896, and overhead and profit \$719,027.

The percentage of the contract price expended for payrolls at the construction site ranges from 25.7 in the West South Central States to 32.1 in the Middle Atlantic. Less than 50 per cent of the contract price was spent for materials in the Middle Atlantic States and 58.4 per cent in the East South Central. The percentage for overhead expenses and profit ranges from 10.9 in the Mountain States to 19.6 in the South Atlantic.

## "MODERNIZE" WINDOW DISPLAYS AVAILABLE

Attractive new "Clean Up, Paint Up, Fix Up, Modernize" window displays are now available, the National Clean Up and Paint Up Campaign Bureau announces. They are to be sold on a cooperative price basis, not for profit, the bureau says. Further information concerning the displays, Window Display No. 40, may be obtained by writing the bureau at 2201 New York avenue, N. W., Washington, D. C.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

312	Meyer	Owner	4300
313	Meyer	Owner	4300
314	Meyer	Owner	4300
315	Doelger	Owner	5000
316	Doelger	Owner	5000
317	Doelger	Owner	5000
318	Doelger	Owner	5000
319	Bernhardt	Bernhardt	3500
320	Haight	Williams	4600
321	Brode	Berg	1400
322	Commercial	Owner	1950
323	Ilias	Owner	3500
324	Antone	Owner	4000
325	Dedieu	Helbing	1500
326	Stein	Krieg	8000
327	Stein	Krieg	8000
328	Stein	Krieg	8000
329	Haight	Williams	4600
330	Baker	Fink	2850
331	Owl	Dunn	1000
332	Johnson	Larsen	4000
333	Lindsay	Owner	3500
334	Lindsay	Owner	3500
335	Lindsay	Owner	3950
336	Steiner	Steiner	3000
337	Cristiani	Hanson	1000
338	Greenwood	Coburn	1000
339	Humphrey	Owner	2700
340	Clauson	Holt	5000
341	Tutty	Arco	4500
342	Steinman	Hanson	1000
343	Sanford	Early	1000
344	Foggetto	Barsotti	1000
345	A. T.	Lindgren	20000
346	Clausen	Holt	5000
347	Carlson	Owner	20000
348	Lainer	Hanson	1000
349	Sanford	Early	1000
350	Hardiman	Owner	4000
351	Hardiman	Owner	4000
352	Meyers	Robinson	2500
353	Wolter	Owner	5000
354	Odermat	Owner	1000
355	Smith	Hinson	1900
356	Doelger	Owner	5000
357	Hersberg	McAfee	3000
358	Bernhardt	Bernhardt	3500
359	Tieso	Owner	1000
360	Bothin	Mattock	30000
361	Moy	Owner	1500
362	Herzig	Owner	6000
363	Herzig	Owner	6000
364	Herzig	Owner	5000
365	Herzig	Owner	6000

## DWELLING

(312) E. TERESITA, 588 S PORTOLA DR. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$4300

## DWELLING

(313) E. TERESITA, 535 S PORTOLA DR. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$4300

## DWELLING

(314) E. TERESITA, 561 S PORTOLA. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$4300

## DWELLING

(315) W. 16TH AVE, 429 S LAWTON. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5000

## DWELLING

(316) W. 16TH AVE, 465 S LAWTON. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5000

## DWELLING

(317) W. 16TH AVE, 363 S LAWTON. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5000

## DWELLING

(318) W. 16TH AVE, 395 S LAWTON. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5000

## DWELLING

(319) E. 17TH AVE, 199 S RIVERA. One-story and basement frame dwelling.  
Owner—Albert Bernhardt, 924 Taraval. Contractor—Bernhardt & Cowen, 924 Taraval. Architect—Not Given. \$3500

## DWELLING

(320) E. DOUGLAS, 76 S 26TH ST. One-story and basement frame dwelling.  
Owner—R. M. Haight, care Contractor—Williams Const. Co., 137 Shakespear. Architect—Not Given. \$4600

## ALTERATIONS

(321) 3842 SACRAMENTO. Alter apartments.  
Owner—Mr. Brode, Prem. Contractor—Berg Bros., 6452 Fulton. Architect—Not Given. \$1400

## ALTERATIONS

(322) SE MINNA AND MARY. Alter factory.  
Owner—Commercial Realty Co., 645 Russ Bldg. Architect—Not Given. \$1950

## DWELLING

(323) W. GATES, 100 S TOMPKINS. One-story and basement frame dwelling.  
Owner—A. N. Ilias, 536 Gates St. Architect—Not Given. \$3500

## DWELLING

(324) SE LISBON, 250 NE RUSSIA. Two-story and basement frame dwelling.  
Owner—John Antone, 331 Lisbon. Architect—Not Given. \$4000

## STORE

(325) E. STEINER, 127 S CHESTNUT. One-story frame store.  
Owner—E. Dedieu, 3326 Steiner. Contractor—Harold Helbing, 1310 Lombard. Architect—Not Given. \$1500

## FLATS

(326) N. CARL, 77 W STANYAN. Two-story frame flats.  
Owner—Stein & Krieg, 159 19th Ave. Contractor—Philip Krieg, 1509 Cabrillo. Architect—Not Given. \$8000

## FLATS

(327) N. CARL, 107 W STANYAN. Two-story frame flats.  
Owner—Stein & Krieg, 159 19th Ave. Contractor—Philip Krieg, 1509 Cabrillo. Architect—Not Given. \$8000

## FLATS

(328) W. STANYAN, 44 N CARL. Two-story frame flats.  
Owner—Stein & Krieg, 159 19th Ave. Contractor—Philip Krieg, 1509 Cabrillo. Architect—Not Given. \$8000

## DWELLING

(329) N. 21ST, 1301 E DOUGLAS. One-story and basement frame dwelling.  
Owner—R. M. Haight, care Contractor—Williams Const. Co., 137 Shakespear. Architect—Not Given. \$4600

## ALTERATIONS

(330) 241-43 GEARY ST. Alter store.  
Owner—C. H. Baker, Prem. Contractor—The Fink & Schindler Co., 552 Brannan. Architect—Not Given. \$2950

## ALTERATIONS

(331) NW WEST PORTAL AVE & VICENTE. Alter store.  
Owner—Owl Drug Co., 657 Mission. Contractor—Louis C. Dunn, Inc., 424 Monadnock Bldg. Architect—Not Given. \$1000

## DWELLING

(332) S. 25TH ST, 152 W CHURCH. One-story and basement frame dwelling.  
Owner—George and Mary Johnson, 781 Dolores. Contractor—S. Larsen, 365 Ashton Ave. Architect—Not Given. \$4000

## DWELLING

(333) E. 25TH AVE, 200 S MORAGA. One-story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3500

## DWELLING

(334) E. 25TH AVE, 150 S MORAGA. One-story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3500

## DWELLING

(335) E. 25TH AVE 125 S MORAGA. One-story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street. Architect—Not Given. \$3950

## DWELLING

(336) E MOULTRIE 225 S Crescent. One-story and basement frame dwelling.  
Owner and Builder—John L. Steiner, 861 Moultrie. Architect—Not Given. \$3000

## ALTERATIONS

(337) 3230 LYON ST. Alter dwelling.  
Owner—Henry and Gina Cristiani, 3230 Lyon Street. Contractor—Hanson Bros., 5840 Mission Street. Architect—Not Given. \$1000

## ALTERATIONS

(338) 2738 MISSION Street. Alter apartments.  
Owner—J. Greenwood, care Contractor—J. W. Coburn, 2048 Market Street. Architect—Not Given. \$1000

## ALTERATIONS

(339) 1279 19TH AVE. Alter dwelling.  
Owner & Contractor—W. H. Humphrey, 340 Upper Terrace. Architect—Not Given. \$2700

## DWELLING

(340) W 23rd AVE, 128 N Ocean. Two-story and basement frame

dwelling.  
Owner—Clausen & Hamlin, 746 46th Avenue.  
Contractor—O. K. Holt, 3957 Army.  
Architect—C. O. Clausen, 746 46th Avenue. \$5,000

**DWELLING**  
(341) S MOUNT VERNON AVE. 31 E Alemany. One-story and basement frame dwelling.  
Owner—S. and R. Tutty, 5401 Mission Street.  
Contractor—Arco Building Co., 5401 Mission Street.  
Architect—Not Given. \$4,500

**ALTERATIONS**  
(342) 2536 FRANCISCO ST. Alter dwelling.  
Owner—Claire Steinman, 2536 Francisco Street.  
Contractor—Hanson Bros., 5840 Mission Street.  
Architect—Not Given. \$1,000

**GREASING STATION**  
(343) SE COR. 25th AVE. and Clement St. One-story steel greasing station.  
Owner—F. and H. Sanford, care contractor.  
Contractor—Fred J. Early, Jr., 369 Pine Street.  
Architect—Not Given. \$1,000

**DWELLING**  
(344) S THOMAS 206 E Lane St. One-story and basement frame dwelling.  
Owner—Louis Dal Pogetto, 1619 Shafter Avenue.  
Contractor—Arturo Barsotti, 1499 Quesada.  
Architect—Not Given. \$3,500

**FREIGHT HOUSE**  
(345) NW COR. BRYANT and Spear Sts. Class B freight house.  
Owner—A. T. & S. F. Ry., 1001 3rd Street.  
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.  
Architect—Not Given. \$20,000

**DWELLING**  
(346) W 23rd AVE. 164 N Ocean. Two-story and basement frame dwelling.  
Owner—Clausen & Hamlin, 746 46th Avenue.  
Contractor—O. K. Holt, 3957 Army.  
Architect—C. O. Clausen, 746 46th Avenue. \$5,000

**FLATS**  
(347) SE COR. 26th AVENUE and Kirkham St. Two-story frame flats.  
Owner and Builder—Carlson & Nelson, 1478 18th Avenue.  
Architect—Not Given. \$20,000

**ALTERATIONS**  
(348) 3234 LYON ST. Alter dwelling.  
Owner—W. N. Lainer, premises.  
Contractor—Hanson Bros., 5840 Mission Street.  
Architect—Not Given. \$1,000

**SERVICE STATION**  
(349) SE COR. 25th AVE. and Clement St. One-story steel service station.  
Owner—F. and H. Sanford, care contractor.  
Contractor—Fred J. Early, Jr., 369 Pine Street.  
Architect—Not Given. \$1,000

**DWELLING**  
(350) W 17th AVE., 175 N MORAGA. One-story and basement frame dwelling.  
Owner—Michael D. Hardiman, 428 38th Ave.  
Architect—Vincent Buckley, 525 Market St. \$4,000

**DWELLING**  
(351) W. 17TH AVE., 150 N MORAGA. One-story and basement frame dwelling.  
Owner—Michael D. Hardiman, 423 38th Ave.  
Architect—Vincent Buckley, 525 Market St. \$4,000

**DWELLING**  
(352) E. CHESTER, 75 S PAYSON. One-story and basement frame dwelling.  
Owner—Leah Meyers, 2919 Lake St.  
Contractor—Frank B. Robinson, 285 Turk St.  
Architect—Not Given. \$2,500

**DWELLING**  
(353) W. MAYWOOD DR., 737 S YERBA BUENA. Two-story and basement frame dwelling.  
Owner—Paul A. Wolter, Jr., 190 Maywood Drive.  
Architect—Earl McDonald, 110 Sutter St. \$5,000

**ALTERATIONS**  
(354) 527 BRANNAN. Alter factory.  
Owner—Paul Odermat, 2677 21st St.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(355) 464-68 GRANT AVE. Alter store.  
Owner—C. L. Smith, 756 4th Ave.  
Contractor—L. A. Hinson, 756 4th Ave.  
Architect—Not Given. \$1,900

**DWELLING**  
(356) W. 16TH AVE., 530 S LAWTON. One-story and basement frame dwelling.  
Owner—Henry Doelger Builder, Inc., 320 Judah.  
Architect—Not Given. \$5,000

**ALTERATIONS**  
(357) 640 POST ST. Alter apartment house.  
Owner—A. Hershberg, Prem.  
Contractor—R. A. McAfee, 125 Certificates.  
Architect—Not Given. \$3,000

**DWELLING**  
(358) E. 17TH AVE., 275 S RIVERA. One-story and basement frame dwelling.  
Owner—Albert Bernhardt, 925 Taraval.  
Contractor—Bernhardt & Cowen, 924 Taraval.  
Architect—Not Given. \$3,500

**DWELLING**  
(359) W FLORIDA 78 S 20th. One-story and basement frame dwelling.  
Owner & Builder—Frank Tieso, 2778 21st Street.  
Architect—Not Given. \$1,000

**FACTORY**  
(360) SAN BRUNO AVENUE and Arroyo St. One-story Class B factory.  
Owner—E. C. Bothin, 604 Mission St.  
Contractor—A. F. Mattock, 212 Clara.  
Architect—A. McSweeney, 604 Mission Street.  
Engineer—N. Green, 55 New Montgomery Street. \$30,000

**ALTERATIONS**  
(361) 1305 PALOU PLACE. Alter dwelling.  
Owner and Contractor—M. Moy, 129 College Avenue.  
Architect—Not Given. \$1,500

**DWELLING**  
(362) SW PARAISSO PLACE AND Crestlake Drive. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 S. E. Boulevard.  
Architect—A. H. Larson, 333 Kearny Street. \$6,000

**DWELLING**  
(363) NE PARAISSO PLACE AND Sloat Boulevard. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larson, 333 Kearny Street. \$6,000

**DWELLING**  
(364) E PARAISSO PLACE 120 N Sloat Boulevard. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larson, 333 Kearny Street. \$5,000

**DWELLING**  
(365) SE PARAISSO PLACE AND Crestlake Drive. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larson, 333 Kearny Street. \$6,000

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
174	Pike	Dixon	6000
175	Sturtevant	Thomas	6000
176	Baldwin	Lynn	1500
177	Moe	Nelson	3500
178	Kurt	Owner	3750
179	Flagg	Owner	4000
180	Pate	Owner	1265
181	Friedman	Philbrick	3500
182	Heinzelke	Owner	2850
183	Hassell	Frazen	3500
184	Owens	Walker	52000
185	New York	Dal	1000
186	S & W	Tulloch	60000
187	Harlan	Coats	4500
188	Eriener	Thornally	8000
189	Dowling	Owner	4000
190	Kavanagh	Owner	4750
191	Hayward	Sigge	1000
192	Carlson	Owner	7000
193	Carlson	Owner	7000
194	Carlson	Owner	4000
195	Peel	Owner	4000
195	Heraty	Jensen	2500
196	Scammell	Owner	5000
197	Scammell	Owner	5000
198	Haller	Owner	6000
199	Fisher	Johnson	2500
200	Williams	Owner	3000
201	Trimble	Glynn	5800
202	Senator	Elec	1600
203	Eck	Owner	4600
204	Fisher	Johnson	5000
205	Standard	Owner	3500
206	Zeager	Niles	1000
207	Heinzelke	Owner	2700
208	Wiseman	Arloff	5800
209	Berkeley	Early	10000
210	Heinzelke	Owner	2700

**DWELLING**  
(174) 1959 WRENN ST., OAKLAND. Two-story 6-room dwelling.  
Owner—H. L. Pike, 2000 Oakview Road.  
Contractor—Dixon & Rath, 1844 5th Ave.  
Architect—Not Given. \$6000

**DWELLING**  
(175) 6020 LA SALLE AVE., OAKLAND. Two-story 7-room dwelling.  
Owner—M. G. Sturtevant, 1567 East 31st St.  
Contractor—J. F. Thomas, 10828 Bancroft Ave.  
Architect—Ray Keefer, 538 Mandana Blvd. \$6000

**REPAIRS**  
(176) 475-477 VERNON ST. OAKLAND Fire repairs.  
Owner—Helen Baldwin, 475 Vernon St.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave.  
Architect—Not Given. \$1500

**DWELLING**  
(177) 3212 DEERING ST., OAKLAND. One-story 5-room dwelling.

Owner—Albert C. Moe, Prem. Contractor—H. Nelson, 1039 Cherry Way, Hayward. Architect—Not Given. \$3500	DWELLING (189) 4612 FAIR AVE., OAKLAND. One-story 5-room dwelling. Owner & Builder—S. J. Dowling, 2800 Clay St., Alameda. Architect—Not Given. \$4000	DWELLING (200) 7110 SUNKIST DRIVE, OAKLAND. One-story 3-room dwelling. Owner & Builder—H. E. Williams, 859 Creed Road. Architect—Not Given. \$3000
DWELLING (178) 3819 32RD AVE., OAKLAND. One-story 5-room dwelling. Owner & Builder—John G. Kurt, 3511 San Leandro St. Architect—Not Given. \$3750	DWELLING (190) 5972 BUENA VISTA AVE., OAKLAND. One-story 6-room dwelling. Owner & Builder—D. S. Kavanagh, 1600 Miller Ave., Berkeley. Architect—Not Given. \$4750	DWELLING (201) 130 POPLAR, BERKELEY. Two-story 6-room frame dwelling and garage. Owner—G. S. Trimble, 1700 LeRoy. Contractor—H. Glynn, 6023 Colby. Architect—C. W. McCall, 1404 Franklin, Oakland. \$5800
DWELLING (179) 3450 MORCOM AVE., OAKLAND. One-story 5-room dwelling. Owner & Builder—J. S. Flagg, 3387 Morcom Ave. Architect—Not Given. \$4000	GARAGE (191) 6024 CHELTON DR., OAKLAND. One-story garage. Owner—W. S. Hayward, Prem. Contractor—V. E. Sigge, 3912 Linwood Ave. Architect—Not Given. \$1000	SIGN (202) 3870 TELEGRAPH AVENUE, OAKLAND. Marquee sign. Owner—Senator Theatre, Prem. Contractor—Elec. Prod. Corp., 950 30th St. Architect—Not Given. \$1600
ADDITION (180) 6616 SIMSON ST., OAKLAND. Addition. Owner and Contractor—J. E. Pate, Prem. Architect—Not Given. \$1265	DUPLEX (192) 2587 LE CONTE, BERKELEY. Two-story 10-room frame duplex and garage. Owner & Builder—O. Carlson, 659 Santa Barbara Rd. Architect—Not Given. \$7000	DWELLING (203) 7878 NEY AVE., OAKLAND. One-story 6-room dwelling. Owner & Builder—J. L. Eck, 7521 Hamilton St. Architect—Not Given. \$4600
ALTERATIONS (181) 586 14TH ST., OAKLAND. Alterations. Owner—M. Friedman Co., 536 14th Street. Contractor—A. L. Philbrick, 424 Euclid Ave. Architect—Miller & Warnecke, Financial Center Bldg. \$3500	DUPLEX (193) 2597 LE CONTE, BERKELEY. Two-story 10-room frame duplex and garage. Owner & Builder—Oscar Carlson, 659 Santa Barbara Rd. Architect—Not Given. \$7000	DWELLINGS (204) 1157-1163 76TH AVE., OAKLAND. One-story 5-room dwellings (2). Owner—C. R. Fisber, 6127 Foothill Blvd. Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro. Architect—Not Given. \$2500 ea. Also garages, \$100 each.
DWELLING (182) 2477 WEST, BERKELEY. 1-story 5-room frame dwelling and garage. Owner & Builder—H. R. Hewelcke, 990 Grosvenor Pl., Oakland. Architect—Not Given. \$2950	DUPLEX (194) 1718-20 LE ROY, BERKELEY. Two-story 10-room frame duplex and garage. Owner & Builder—O. Carlson, 659 Santa Barbara Rd. Architect—Not Given. \$7000	SERVICE STATION (205) 2311 PERALTA ST., OAKLAND. One-story steel service station. Owner & Builder—Standard Oil Co., 1201 Financial Center Bldg. Architect—Not Given. \$6500
DWELLING (183) 8025 NEY ST., OAKLAND. One-story 5-room dwelling. Owner—Mrs. Hassell, 8025 Ney St. Contractor—Carl H. Franzen, 683 54th St. Architect—Not Given. \$3500	DWELLING (195) 6 HILLCREST RD., BERKELEY. One-story 6-room dwelling and garage. Owner & Builder—M. A. Peel, 10 Oakvale Rd. Architect—H. C. Conley, Oakland. \$4000	ALTERATIONS (206) 3021 WHEELER, BERKELEY. Alterations. Owner—R. D. Yeager, Prem. Contractor—C. A. Niles, 1622 81st Ave., Oakland. Architect—Not Given. \$1000
BRANCH OFFICE (154) 601 36TH AVE., OAKLAND. One-story branch office. Owner—Owens-Illinois Pacific Co., 15th and Folsom Sts., San Francisco. Contractor—P. J. Walker Co., 607 Sharon Bldg. Architect—Not Given. \$52,000	DWELLING (197) 2493 CORDOVA ST., OAKLAND. One-story 6-room dwelling. Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave. Architect—Not Given. \$5000	DWELLING (207) 2161 WEST ST., BERKELEY. One-story 5-room frame dwelling. Owner & Builder—H. R. Heinicke, 990 Grosvenor, Oakland. Architect—Not Given. \$2700
ALTERATIONS (185) 1309 BROADWAY, OAKLAND. Alterations. Owner—New York Hat Stores, 1309 Broadway. Contractor—S. F. Dal Porto, 4327 Geary Blvd., San Francisco. Architect—Not Given. \$1000	DWELLING (198) 6231 CONTRA COSTA RD., OAKLAND. Two-story 7-room dwelling. Owner & Builder—Paul H. Haller, 6201 Buena Vista Ave. Architect—Not Given. \$6000	DWELLING (208) 47 ALAMO, BERKELEY. 1-story 5-room frame dwelling. Owner—S. Wiseman, 2410 Carlton. Contractor—E. A. Arloff, 748 Grosvenor Pl., Oakland. Architect—Not Given. \$5800
WAREHOUSE (186) 426 JACKSON ST., OAKLAND. One-story concr. warehouse. Owner—S. & W. Fine Foods, Inc., 3rd and Alice Sts. Contractor—John F. Tulloch, 335 8th Street. Architect—Jesse Rosenwald, 525 Market St., San Francisco. \$60,000	DWELLING (199) 1969 76TH AVE., OAKLAND. One-story 5-room dwelling. Owner—C. R. Fisher, 6127 Foothill Blvd. Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro. Architect—Not Given. \$2500 Also 1-story garage, \$100.	AUDITORIUM (209) 1751 ROSE ST., BERKELEY. School auditorium. Owner—Berkeley Unified School District, 2325 Milvia. Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco. Architect—Not Given. \$10,000
DWELLING (187) 10 WILDING LANE, OAKLAND. One-story 5-room dwelling. Owner—C. J. Harlan, Prem. Contractor—Phillip L. Coats, 2837 Foothill Blvd.	DWELLING (210) 2471 WEST ST., BERKELEY. One-story 3-room frame dwelling and garage. Owner & Builder—H. R. Heinicke, 990 Grosvenor, Oakland. Architect—Not Given. \$2700	DWELLING (210) 2471 WEST ST., BERKELEY. One-story 3-room frame dwelling and garage. Owner & Builder—H. R. Heinicke, 990 Grosvenor, Oakland. Architect—Not Given. \$2700
ALTERATIONS (188) 2109 BROADWAY, OAKLAND. Alterations. Owner—John Breuner Co., 21st and Broadway. Contractor—W. G. Thornally, 2059 Webster St. Architect—Not Given. \$8000	<b>BUILDING CONTRACTS SAN FRANCISCO COUNTY</b>	
	No. Owner	Contractor Amt.
	17 S. Pacific	Collman 545
	18 Cameo	Delucchi 7893
	19 Capital	Jenkins 6300
	177 ST. FRANCIS HOTEL, Powell bet. Post and Geary. Paint hotel telephone station.	

Owner—Pacific Tel. & Tel. Co., 444 Bush St.  
Contractor—A. D. Collman, 16 Ashbury St., San Francisco.  
Filed Feb. 1, '37. Dated Jan. 28, '37.  
75% completion.  
25% 40 days after.

TOTAL COST, \$545  
Bond, \$545. Surety, Pacific Indemnity Co. Specifications filed.

LAUNDRY BLDG., ETC.

(18) N McALLISTER 100 W Lyon. Laundry building and dwelling.  
Owner—Chas. Camou, 1927 McAllister Street.  
Architect—W. E. Huson, 2808 Pierce.  
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave.  
Filed, Feb. 15, '37. Dated, Jan. 30, '37.  
Structures ready for roof..... 25%  
Brown coated ..... 25%  
Completion ..... 25%  
Usual 35 days ..... 25%

TOTAL COST, \$7,983.00  
Bond, \$7983. Sureties, Glens Falls Indemnity Company.

ALTERATIONS

(19) 535 GEARY ST. Alter apts.  
Owyner—Capital Co., 625 Market St.  
Architect—Not Given.  
Contractor—R. J. Jenkins, 42 Short.  
Filed, Feb. 15, '37. Dated, Feb. 11, '37.  
On Oct and 15th. ..... 75%  
Usual 35 days ..... 25%

TOTAL COST, \$6,300  
Bond, \$6300. Sureties, Standard Accident Ins. Co. Plans and specifications filed.

ALAMEDA COUNTY

No. Owner	Contractor	Amt.
16 Trimble	Glynn	7576
17 Mays	Little	5176
18 S & W	Tulloch	68418

RESIDENCE

(16) POR. LOT 35, BLK 15, NORTH CRAGMONT, BERKELEY. 2-story residence and garage.  
Owner—Mr. Geo. S. Trimble, 1700 Le Roy, Berkeley.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.  
Contractor—H. Glynn, 6023 Colby St., Oakland.  
Filed Feb. 11, '37. Dated Dec. 30, '36.  
75% labor and material, 5th day of each month.  
25% usual 35 days.

TOTAL COST, \$7576.70  
Forfeit, \$1.00 per day. Limit, 95 days. Plans and specifications filed.

RESIDENCE

(17) MAIN ST., HAYWARD. Residence.  
Owner—Mr. and Mrs. Geo. A. Mays, 493 Hampton Rd., Hayward.  
Architect—Geo. P. Simonds, 192 Main St., Hayward.  
Contractor—F. C. Little, 1960 B St., Hayward.

Filed Feb. 11, '37. Dated Feb. 8, '37.  
5th day after roof complete. \$1294.00  
5th day after wall cov. ins. 1294.00  
5th day after completion..... 1294.00  
Usual 35 days..... 1294.50

TOTAL COST, \$5176.50  
Limit, 120 days. Plans and specifications filed.

WAREHOUSE

(18) 4TH, 5TH & JACKSON STS., OAKLAND. One-story Class C Warehouse Building.

Owner—S & W Fine Foods, Inc., 3rd and Alice Sts., Oakland.  
Architect—Jesse Rosenwald, Cons. Eng., Underwood Bldg., San Francisco.

Contractor—J. F. Tulloch, 335 8th St., Oakland.  
Filed Feb. 15, '37. Dated Feb. 11, '37.  
Monthly progress payments—75% labor and material.  
Usual 35 days—25% labor and material.

TOTAL COST, \$68,418.00

Bond, \$68,418. Surety, Fidelity & Cas. Co. of N. Y. Limit, 90 days. Plans and specifications filed.

SAN FRANCISCO COUNTY UNDER \$1,000

ALTER dwelling, \$850; 750 Vicente; owner, H. S. Treiber, care contractor, contractor, E. Lombardi, 1218 Hollister.

ALTER dwelling, \$500; 126 Victoria; owner, Harry Leininger, prem.

ALTER store, \$50; 441 Front St.; owner, Seimet Produce Co., 411 Front St.; contractor, Anderson Sheet Metal Works, 323 Washington St.

FLUES, \$168; N Washington 75 W Powell; owner, Lue F. Choag, 277 Pine St.; contractor, John Delucchi, 152 Powell St.

ALTER dwelling, \$500; 140 Commonwealth Ave.; owner, R. Rothchild, premises; contractor, G. H. Hansell, 1834 Geary St.

ALTER dwelling, \$800.00; 1590 19th Ave.; owner, R. E. McKenna, care contractor; contractor, E. Lombardi, 1218 Hollister.

ALTER flats, \$150; 1231 44th Ave.; owner, A. L. Hueter, premises.

SIGN, electric, \$350; Bayshore and Army; owner, Texas Co., premises; contractor, Pioneer Elec. Co., 3 70 Van Ness Ave., South.

ALTER rooming house, \$250; 1277 Geary St.; owner, Mrs. C. P. Hill, 2614 Webster St.

ALTER dwelling, \$750; 2586 19th Ave.; owner, G. H. Clerri, care contractor; contractor, E. Lombardi, 1218 Hollister Ave.

ALTER restaurant, \$400; 1957 Chestnut; owner, W. J. Ahmann, Cor. 7th and Brannan Sts.

SIGN, electric, \$150; 3752 24th St.; owner, Fern Anderson, premises; contractor, Pioneer Electric Co., 370 Van Ness Ave., South.

ALTER store, \$21; 425 Front St.; owner, Glass & Co., 425 Front; contractor, Anderson Sheet Metal Works, 323 Washington St.

ALTER apartments, \$500; 1020 Bush St.; owner, Alpers & O'Keefe, 835 Octavia.

ALTER store, \$940; 1674 Haight St.; owner, New York Sweet Shop, Prem.; contractor, Mullen Mfg Co., 60 Rausch.

ALTER dwelling, \$500; 242 Hale St.; owner, C. Blecher, Prem.; contractor, Hanson Bros., 5840 Mission St.

ALTER apartments, \$500; 2728 Mission St.; owner, J. Greenwood, care Contractor; contractor, Ira W. Coburn, 2948 Market St.

ALTER dwelling, \$900; 1475 12th Ave.; owner, L. H. and G. E. Bowen, 418 Spruce.

SIGN, electric, \$350; 135 Post St.; owner, A. Carlisle & Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

ALTER dwelling, \$75; 1656 Sanchez; owner, E. Rivers, Prem.; contractor, Bay Shore Concrete Co., 395 Vermont.

SIGN, electric, \$125; 439 O'Farrell; owner, Win. Fur Co., Prem.; contractor, Novelty Elec. Sign Co., Inc., 419 Larkin.

SIGN, electric, \$450; 5630 Geary St.; owner, Macfarlane's Factory Store, Prem.; contractor, Electric Products Corp., 910 Harrison.

ALTER flats, \$745; 1540 Thomas St.; owner, C. Pini, Prem.; contractor, T. Starell, 1755 Dolores.

ALTER store, \$500; 347 Grant Ave.; owner, Twata Trading Co., 715 Grant Ave.

ALTER factory, \$390; SE Cor. Battery and Green; owner, Kraft-Phoenix Cheese Co., Prem.; contractor, Cahill Bros., 206 Sansome St.; engineer, Wm. Adrian, 417 Market St.

ALAMEDA COUNTY PERMITS UNDER \$1,000

ALTERATIONS, \$300; 724 Webster St., Oakland; owner, Lock Goon Yuen, Prem.; contractor, Frank Yick, 300 8th St.

ADD to garage, \$350; 5659 Cabot Dr., Oakland; owner, H. N. Reinhardt, Frem.; contractor, Enoch Trnmal, 483 Crocker St.

SIGN, electric, \$140; 1006 Fruitvale Ave., Oakland; owner, A. Marzan, Prem.; contractor, Brumfield Elec. Sign Co., 699 Jean St.

ALTERATIONS, \$575; 2929 School St., Oakland; owner, M. Loretz, premises; contractor, A. G. Macchitelli, 406 51st St.

ALTERATIONS, \$300; 201 4th St., Oakland; owner, Western States Grocery; contractor, C. H. Thrans, 28 Home Place.

ALTERATIONS, \$35; 7851-55 Foot-hill Blvd., Oakland; owner and contractor, C. A. Anderson, 7851 Foot-hill Blvd.

RE-ROOF, \$350; 612 55th St., Oakland; owner, M. Jenkins, contractor, Crown Roof Co., 1911 E 12th St.

RE-ROOF, \$98; 2211 85th Avenue, Oakland; owner and contractor, Gertha Whitton, 632 Pae St., Richmond.

WRECK 1-story building, \$25; 2116 Myrtle St., Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.; contractor, F. Miller, 327 Grove St.

ALTERATIONS, \$100; 1118 E 14th St., Oakland; owner, J. A. Plunkett, premises; contractor, H. W. Fry, 1384 E 31st St.

ADDITION; \$300; 163 Duncan Way, Oakland; owner, Ed. M. Van Heusen, H. N. Iversen, premises.

ROOF repairs, \$264; 170-80 13th St., Oakland; owner, M. A. Jeffers; contractor, A. K. Goodmundson, 45th Ave. and Clement St.

ALTERATIONS, \$255; 2318 13th Avenue, Oakland; owner and contractor, Z. Hallquist, premises.

ALTERATIONS, \$350; 843 Clement St., Oakland; owner, C. Felle; contractor, Fred Williams, 3529 Normandie Ave.

SIGN, electric, \$450; 3430 Park Blvd Oakland; owner, Arden Warner; contractor, Sims Neon Co., 3213 Adeline Street.

SIGNS, two clock \$400 each; 2030 Broadway, Oakland; owner and contractor, Arthur Kline, Jr., 2030 Broadway.

ADDITION, \$150; 2037 Dwight Way Berkeley; owner, Barker Estate 4856 Shattuck Ave.; contractor, E. D. Benning, Albany.

ALTERATIONS, \$250; 2336 Derby St., Berkeley; owner and contractor, P. Biacini, premises.

ALTERATIONS, \$185; 2230 Curtiss Berkeley; owner, E. M. Van Heusen, premises; contractor, A. A. Johnson & Son, 1921 Dwight.

ALTERATIONS, \$168; 2231 Byron, Berkeley; contractor, American Roofing Co., 4158 Broadway, Oakland.

ALTERATIONS, \$130; 1626 Virginia, Berkeley; owner, Miss R. M. Perrin, premises; contractor, W. G. Foster, 4 Avon Road.

ALTERATIONS, \$955.00; 2565 San Pablo Ave., Berkeley; owner, Mr. Bevo, premises; contractor, A. Lundgren, 2334 Curtis.

ALTERATIONS, \$975; 815 Contra Costa, Berkeley; owner, S. F. Hamilton, premises; contractor, R. Parks, 216 Addison.

ALTERATIONS, \$213; 1418 Webster St., Oakland; owner and contractor, Camerons, Inc., premises.

ALTERATIONS, \$400; 1-story garage, \$85; 3230 Sylvan Avenue, Oakland; owner, Mrs. E. Patrick 4608 Tompkin St.; contractor, L. S. Dawson, 1972 Tiffin Road.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Offices                     |
| 2.—Bonds                        | 12.—Ice and Cold Storage Plants |
| 3.—Churches                     | 13.—Power Plants                |
| 4.—Factories and Warehouses     | 14.—Public Buildings            |
| 5.—Flats                        | 15.—Fire Houses and Jails       |
| 6.—Garages and Service Stations | 16.—Residences                  |
| 7.—Federal Buildings            | 17.—Schools                     |
| 8.—Club Buildings               | 18.—Trams, Stores and Trolleys  |
| 9.—Hospitals                    | 19.—Theatres                    |
| 10.—Hotels                      | 20.—Wharves & Docks             |
|                                 | 21.—Misc. Const.                |
|                                 | 22.—Misc. Supplies & Jobs       |

### 3— CHURCHES

**Plans Being Prepared**  
**CHURCH** Cost, \$.....  
 PATTERSON, Stantslaus Co., Calif.  
 One-story and basement frame and stucco church (chapel, Sunday stucco rooms, kitchen, etc.) maple floors, oil burning plant.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.

**Contract Awarded**  
**CHURCH** Cost, \$51,000  
 SAN FRANCISCO. Octavia and Pine Streets.  
 Three-story frame church (wood exterior).  
 Owner—Buddhist Mission of North America.  
 Plans by—G. G. Shimamoto, 1534 Geary Street.  
 Structural Engineer—C. J. Shy, 251 Kearny Street.  
 Contractor—DeLuca & Son, Inc., 1745 Filbert St.

Bids for the wrecking are now in and contract will be awarded about Feb. 19. As previously reported, Judson-Pacific Co., 609 Mission St., at \$12,975, was awarded contract for structural steel.

#### BIDS WANTED

**BEVERLY HILLS.** Los Angeles Co., Calif.—Until March 1. Architect P. P. Lewis, 1063 Westwood Blvd., West Los Angeles, is taking bids for construction of a reinf. concrete church building at 142 S. Rexford Dr., Beverly Hills, for the First Church of Christ, Scientist, of Beverly Hills. Work includes leaded and art glass and an organ.

#### To Be Done By Day's Work

**FRESNO.** Fresno Co., Calif. 359 Howard St.  
 New frame and stucco auditorium building (seating capacity of 425), remodeling of old structure (new air heating and conditioning system, etc.).  
 Owner—Church of God (Rev. C. H. Beahm, pastor).  
 Architect—Not Given.

### 4— FACTORIES & WAREHOUSES

**Sub Contracts Awarded**  
**FACTORY ADDN.** Cont. Pr., \$10,609  
**FERNBRIDGE.** Humboldt Co., Calif.  
 Powdered milk manufacturing plant (60 x 80 ft.), evaporator and whey drier.  
 Owned—Humboldt Creamery Association (Peter Phillipsen, Pres.).  
 Architect—Not Given.  
 Contractor—Mercer-Fraser Company,

2nd and Commercial Sts., Eureka.  
**Roofing—Eureka Boiler Works,** foot of T St.  
**Sheet Metal—Thos. Warren,** 316 3rd St.  
**Glass—W. P. Fuller Co.,** 525 5th St.  
**Lumber—Holmes Eureka Lbr. Co.,** Bucksport & Dolbeer & Carson Lbr. Co., 2nd and M Sts.  
**Mill Work—George C. Jacobs Co.,** 102 W. 4th St.  
 All of Eureka.

**Plans Being Figured — To Close**  
**February 15, 5 P. M.**  
**CREAMERY BLDG.** Cost, \$.....  
 SAN FRANCISCO. Calif. Marina District.  
 Reinforced concrete and frame creamery building containing retail store, work rooms, toilets, tile and cement floors, composition roof, structural glass, etc.  
 Owner—Name withheld.  
 Architect—Sidney A. Cotton, 544 Market St., San Francisco.  
 Following are figuring plans:  
 J. Del Favero, 1459 Jefferson St.  
 V. Filippis, 269 24th Ave.  
 P. Sartorio, 666 Mission St.  
 All of San Francisco.

**Contract Awarded**  
**WAREHOUSE** Cost, \$75,000  
 OAKLAND, Alameda Co., Calif. 4th and Jackson Streets.  
 One-story wood frame Class C wholesale warehouse and offices, sprinkler system, warm air heating system, planing and electrical work, some asphaltic tile.  
 Owner—S. & W. Fine Foods, Inc. 4th and Berry Sts., San Francisco.  
 Engineer—Jesse Rosenwald, 525 Market St., San Francisco.  
 Contractor—J. F. Tulloch, 335 8th St., Oakland.

**Additional Contracts Awarded**  
**FREIGHTHOUSE** Cost, \$.....  
 SAN FRANCISCO. Spear Street and Bryant Street.  
 Three-story reinforced conc. freight-house (137x137-feet) to be built on pile foundation.  
 Owner—Santa Fe Ry. Co., Kerkhoff Bldg., Los Angeles.  
 Plans by Construction Department of Owner (M. C. Blanchard, chief engineer, Coast Lines).  
 Contractor—Lindgren and Swinerton, 225 Bush Street.

Following contracts awarded by owner:  
**Roofing—Malott and Peterson,** 2412 Harrison Street.  
**Steel Rolling Doors—Kinnear Mfg. Co.,** 261 Brannan St.  
**Elevators Pacific Elev. and Equip. Co.,** 45 Bausch St.  
 As previously reported, M. B. McGowan, Inc., 72 New Montgomery St., awarded contract to construct substructure of 1000 cross-tied piles.

**Contract Awarded**  
**INDUSTRIAL BLDG.** Cost, \$.....  
 SAN FRANCISCO. San Bruno Ave., bet. Army and Bayshore.  
 One-story frame and concrete industrial building.  
 Owner—Bothin Real Estate Co., 604 Mission St.  
 Architect—Angus McSweeney, 604 Mission Street.  
 Contractor—A. F. Mattock Co., 212 Clara St.

**Sub-Contracts Awarded**  
**DAIRY BLDG.** Cost, \$75,000  
**MANTECA.** San Joaquin Co., Calif.  
 One-story steel frame dairy bldg (thick walls, wood roof construction).  
 Owner—Phenix-Kraft Cheese Co.

Plans by Engineering Department of Owner.  
 Contractor—Cahill Brothers 206 Sansome St., San Francisco.  
**Structural Steel—Western Iron Wks** 141 Beale St., San Francisco.

**Sub-Contracts Awarded**  
**FACTORY** Cost, \$40,000  
 SAN FRANCISCO. W Third Street S 20th Street.  
 One-story Class C factory building.  
 Owner—Middleton & Watson, 63 Natoma Street (Goodyear Rubber Company).  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—F. W. Kelberg, 320 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Concrete—Readymix Concrete Company,** Carolina and Mariposa Sts.  
**Reinforcing Steel—Soule Steel Company,** 1750 Arroyo Street.  
**Planing of Reinforcing Steel—J. P. Murphy,** 1168 Trestle Glen Road, Oakland.  
 As previously reported, excavating awarded to Piombo Bros. & Co., 1571 Turk Street.

**Figures Being Taken On Structural Steel—To Close Feb. 19**  
**PLANT EXTENSION** Cost, \$15,000  
 BERKELEY, Alameda Co., Calif. 750 Ashby Avenue.  
 Extension to forge plant; concrete foundations, structural steel frame, corrugated iron roof and sides, ten-ton crane.  
 Owner—American Forge Company, 750 Ashby Avenue, Berkeley.  
 Engineer—Kaj Theill, 580 Market St., San Francisco.  
 Figures are now being received on the structural steel.

**Sub Contracts Awarded**  
**PACKING PLANT** Cost, \$150,000  
 SAN FRANCISCO. S.W. Mariposa and Carolina Streets.  
 Four-story flat slab reinforced concrete coffee roasting and packing plant (80x190 feet), steel sash, sprinkler equipment, structural glass, terra cotta, copper, linoleum floors, steel rolling and jack-knife doors.  
 Owner—Standard Brands of California (Mr. H. Henke, President), 245 11th Street.  
 Architect—E. Eames, 216 Pine St.  
 Structural Engineer—W. H. Ellison, 821 Market St.  
 Mechanical Engineer—F. L. Nemeo, 821 Market St.  
 Contractor—The Austin Company, 516 18th St., Oakland.  
**Excavations—A. E. Equipment Co.,** 255 Bayshore Blvd.  
**Column Forms—Deslauriers Column Mold Co., Inc.,** 381 Oakland St., Oakland.

**Concrete—Readymix Concrete Co.,** Carolina and Mariposa Sts.  
**Steel Rolling Doors—Kinnear Mfg. Co. of Calif.,** 261 Brannan St.  
**Doors—Truscon Steel Co.,** Carroll and Newhall Sts.  
**Terra Cotta Tile—N. Clark & Sons,** 116 Natoma St.  
**Plumbing—Herman Lawson Co.,** 465 Thoma St.  
**Tile—The American Art Tile Co.,** 231 Franklin St.  
**Lumber—Loop Lumber Co.,** Central Basin.  
**Plastering—A. Knowles,** 982 Bryant Street.  
**Steel Rolling Doors—Kinnear Mfg. Co. of Calif.,** 261 Brannan St.  
**Sprinklers—Grinnell Co. of the Pacific,** 601 Brannan St.  
 All of San Francisco, unless otherwise noted.



**Sub Contracts Awarded**  
**WAREHOUSE, ETC.** Cost, \$26,500  
**OAKLAND, Alameda Co., Calif.** 531 Jackson Street.

One - story and mezzanine floor Class C reinforced concr. ware-house (offices, display room and storage space), concrete floors, tar and gravel roofing, steel sash, metal rolling doors, wire fencing, etc.

Owner—Moran Plumbing Supply Co., 323 11th St., Oakland.

Engineer—Robert Fisher. Contractor—John P. Tulloch, 335 8th St., Oakland.

**Roofing & Sheet Metal**—Central St. Metal & Roofing Co., 3246 Ettie St.

**Plumbing**—L. J. Kruse Co., 6247 College Ave.

**Glass**—East Bay Glass Company, 621 Sixth St.

**Lumber**—Tilden Lumber Co., foot of University.

**Mill Work**—Oakland Planing Mills, 107 Washington St.

**Lathing & Plastering**—Wm. Makin, 2141 Livingston St.

**Steel Rolling Doors**—Aeme Partition Co., 3535 Peralta St.

All of Oakland.

**Plans Being Prepared**  
**WAREHOUSE** Cost, \$120,000  
**SACRAMENTO, Sacramento Co., Cal.** 16th and C Streets.

One-story warehouse building (brick walls, frame roof, concrete floor).

Owner—California Packing Corp., 101 California St., San Francisco.

Plans being prepared by owner's engineering department. Bids will be asked in about six weeks.

**To Be Done By Day's Work**  
**ADDITION** Cost, \$10,000  
**PALO ALTO, Santa Clara Co., Calif.** 300 Portage Avenue.

One-story sheet iron, type 5, cannery building.

Owner—Sutter Packing Co., 300 Portage Ave., Palo Alto.

Architect—Not Given.

**Planned**  
**WAREHOUSE** Cost, \$ ....  
**EMERYVILLE, Alameda Co., Calif.** Powell St. and Bay Shore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 ft.).

Owner—J. Catucci. Lessee—Bigelow-Sanford Carpet Co., of New York.

Architect—Not Given.

**5— FLATS**

**To Be Done By Day's Work**  
**FLATS** Cost, \$20,000  
**SAN FRANCISCO, SE Corner 26th Avenue and Kirkham Street.**

Two - story frame and stucco flat building.

Owner and Builder—Carlson & Nelson, 1478 18th Avenue.

Architect—Not Given.

**Contract Awarded**  
**FLATS** Cost, \$30,000 each  
**SAN FRANCISCO, N. Carl St., W Stanyan St.**

Three two-story frame and stucco flat buildings.

Owner—Stein & Krieg, 159 19th Ave. Architect—Not Given.

Contractor—Philip Krieg, 1509 Cahillo St.

**6—GARAGES & SERVICE STATIONS**

**Plans Being Prepared**  
**SERVICE STATION** Cost, \$20,000  
**BAKERSFIELD, Kern Co., Cal.** 18th and Kern Streets.

One-story reinforced concrete super-

service station and sales room steel trusses, composition roof. Owner—A. H. Karpe, care Architect. Architect—Franklin and Kump, Haberfeld Bldg., Bakerfield.

**Plans Being Figured — Bids Close**  
**February 25, 11 A. M.**  
**GARAGE** Cost, \$10,000  
**FRESNO, Fresno Co., Calif.** Corporation Yard, El Dorado and G Streets.

One-story reinforced concrete municipal garage (steel trusses, steel sash, composition roof).

Owner—City of Fresno. Plans prepared by the Fresno Department of Public Works.

Plans and specifications obtainable from the office of the city clerk upon deposit of \$2.50.

**Sub-Contracts Awarded**  
**SERVICE STATION** Cost, \$.....  
**REDWOOD CITY, San Mateo Co., Calif.** SW Main and El Camino

Real. Gasoline service station. Owner—Shell Oil Company.

Plans by Engineering Department of Owner.

Contractor—W. O. Tyson, Box 888, Redwood City.

**Plumbing**—V. L. Doppee, 247 Iris St., Redwood City.

**Electric Wiring**—Erskine Electric Works, Middlefield Road at 5th Ave., Redwood City.

**Completing Plans**  
**SERVICE STATION** Cost, \$ ....  
**OAKLAND, Alameda Co., Calif.** San Pablo and Marin Streets.

Rebuild steel service station. Owner—Shell Oil Co., 315 Derby Ave., Oakland.

Plans by Engineering Department of Owner.

Bids will be asked shortly.

**7— FEDERAL BUILDINGS**

**BIDS OPENED**  
**REDDING, Shasta Co., Calif.**—Henry L. Grinde, Decatur, Ill., at \$574, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for scale pit and platform scale in the U. S. Post Office at Redding.

Complete bids follow:  
 Henry L. Grohne, Decatur, Ill. \$574.00  
 Nels Carlson, Redding, Calif. 921.00  
 J. P. Brennan, Redding, Calif. 1073.50  
 Lewis Bros., Phoenix, Ariz. 1629.00

February 16, 1937

**MATERIALS APPROVED**  
**LOS ANGELES, Calif.**—Treasury Department has approved following building material and equipment awards for the construction of the U. S. Federal Jail at Los Angeles.

Robert E. McKee, 128 Central Bldg., Los Angeles, general contractor.

Hot water circulating pumps, Yeomans Brothers Company.

**Elevators and Escalators Awarded**  
**POST OFFICE & COURTHOUSE** Cost, \$3,907,000  
**LOS ANGELES, Cal.** Spring Temple and Main Streets

Sixteen-story U. S. Post Office and Courthouse Building

Owner—U. S. Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—Geo. A. Fuller Co. Munssey Bldg., Washington, D. C.

**Elevator Plant**—Otis Elevator Company, 200 E. 8th St., Los Angeles, \$262,378.

**Escalator Plant**—Westinghouse Elec. Elevator Co., 420 S. San Pedro St., Los Angeles, \$95,190.

**Wrecking**—Emco Concrete Cutting Corp.

**Structural Steel**—Consolidated Steel Corp.

**Plastering**—Fallgren & Brown.

**Terra Cotta**—Gladding, McBean & Co.

**Granite**—Cold Springs Granite Co. of Minnesota.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Glass & Glazing**—W. P. Fuller & Co. Painting—D. Z. Ilnsky & Son.

**Ornamental Metal**—A. J. Bayer Co. Finish Hardware—Russell & Irwin, New Britain, Conn.

**Heating & Plumbing**—Howe Bros. Electric—Newport Electric Corp.

**Windows**—Campbell Metal Window Corp., Baltimore, Md.

**Interior Tile Work**—Los Angeles Marble & Tile Co.

All of Los Angeles, unless otherwise noted.

**POSTPONED INDEFINITELY**  
**SAN FRANCISCO**—Bid opening date has been indefinitely postponed, pending determination of wage scales by the Department of Labor, postponed from Feb. 17, by the District Public Works Office, 12nd Naval District Headquarters, Room 273, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8113, for boilers, boiler settings, supports and

Department has approved following building material and equipment awards for the construction of the U. S. court house and jail at Ketchikan, J. B. Warrack, 616 Third Ave. Bldg., Seattle, general contractor; Servco entrance switch, Trumbull Electric Manufacturing Co.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Anderson and Rowe, 45 Belcher St., at \$10,400 was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for revisions on the 1st, 2nd, 4th 5th and attic floors of the Federal Office Bldg., San Francisco.

Complete bids published Feb. 2.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Richard L. Cory, 50 Hawthorne St., San Francisco, at \$5,100, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for high-pressure boilers, etc., at the U. S. Mint at San Francisco.

**NEW BIDS WANTED**  
**FAIRBANKS, Alaska**—Until Apr. 15, 2 p.m., bids will be received by District Engineer Newman, 232 Federal Office Bldg., San Francisco, for changes in first floor and post office screen at the U. S. Post Office, Courthouse and Jail at Fairbanks, Alaska.

Plans and specifications may be obtained from above office and from the Custodian of the building, Fairbanks.

At previous bid opening, B. H. Case, Fairbanks, at \$8,350, submitted low bid.

**Sub Contracts Awarded**  
**POST OFFICE & COURTHOUSE** Cost, \$5,907,000  
**LOS ANGELES, Calif.** Spring Temple and Main Streets

Sixteen-story U. S. Post Office and Courthouse Building

Owner—U. S. Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—Geo. A. Fuller Co. Munssey Bldg., Washington, D. C.

**Elevator Plant**—Otis Elevator Company, 200 E. 8th St., Los Angeles, \$262,378.

**Escalator Plant**—Westinghouse Elec. Elevator Co., 420 S. San Pedro St., Los Angeles, \$95,190.

**MATERIALS APPROVED**  
**KETCHIKAN, Alaska**—Treasury

equipment, including the removal of two existing 103-hp. boilers, the furnishing and installation of two boilers of not less than 83 hp. with settings and supports, necessary piping, valves and equipment for a complete installation in Building 14, at the Receiving Ship, Yerba Buena Island. Announcement later.

**Site Selected**  
**POST OFFICE** Cost, \$75,000  
 COLUSA, Calif. Fourth and Market Streets.  
 United States Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**SITE SELECTED**  
**MAYWOOD**, Los Angeles Co., Cal.—Post Office—Treasury Interdepartmental Committee selected property on the northwest corner of Slauson and Pine Avenues, Maywood, as site for a post office building. The site is 115x126 feet. Appropriation for the project, including the land which will cost \$890, is \$50,000.

**LOW BIDDER**  
**ROSEBURG**, Ore.—Western Wire & Iron Works, Chicago, at \$37,167, submitted low bid to the Veterans' Administration, Arlington Building, Washington, D. C. for wire grilles for buildings Nos. 1, 2 and 16, at Veterans' Administration Facility, Roseburg, Oregon.

**BIDS WANTED**  
**SAN FRANCISCO**—Until March 9, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under bid No. 868-37-170, for furnishing and delivering f.o.b. cars at contractor's plant, four pre-fabricated steel frame storage buildings for portable searchlights. Three of the buildings shall be approximately 24 x 70 ft, and one 24 x 50 ft.  
 Specifications obtainable from the above office.

**8—CLUB BUILDINGS**

**Plans Being Completed**  
**MASONIC TEMPLE** Cost, \$.....  
 FRESNO, Fresno Co., Calif.  
 Masonic Temple.  
 Owner—Scottish Rite, A. & A. S. R.  
 Architect—F. L. Swartz, Brix Bldg., and W. D. Coates, Jr., Rowell Bldg., Fresno.  
 Structural Engineer—F. W. Kellberg 520 Market St., San Francisco.  
 Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.  
 Electrical Engineer—Carl Wolff, Fresno.  
 Plans will be completed in about two weeks.

**Bids Opened**  
**REMODELING** Cost, \$25,000  
 SACRAMENTO, Sacramento Co., Cal. 2719 K St.  
 Remodeling building damaged by fire. Owner—Easton Star Temple.  
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
 Low Bidder—L. F. Gould, 1623 O St., Sacramento—\$20,290.  
 Complete bids follow:  
 L. F. Gould ..... \$20,290  
 W. P. Treadwell ..... 22,135  
 C. J. Hopkinson ..... 22,721  
 Petersen & Steinbrenner ..... 23,216  
 Campbell Constr. Co. .... 23,982  
 Bids taken under advisement.

**9—HOSPITALS**

**LOW BIDDER**  
**BAKERSFIELD**, Kern Co., Calif.—Otis Elevator Co., 300 E. Eighth St.,

Los Angeles, at \$5,774, submitted low bid to the Kern County Board of Supervisors, for changing the type of operation for one passenger elevator in the Kern County General Hospital, Bakersfield.

**Sub Bids Being Taken**  
**HOSPITAL** Cost, \$32,000  
 MERCED CO., Calif. Near Gustine. Two-story frame, tile and concrete hospital building (22 beds), corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.  
 Owner—West Side Hospital.  
 Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.  
 Roy Kruger, Gustine, is now taking sub bids for about two weeks to be submitted to the owner.

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
 STANISLAUS, Tuolumne Co., Calif. Addition to Stanislaus County Hospital (tuberculosis unit and old men's ward; 30 beds).  
 Owner—Stanislaus County.  
 Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.  
 A \$30,000 appropriation has been made for the tuberculosis unit and government aid is being sought to assist in financing old men's ward.

February 18, 1937.  
**Preparing Preliminary Plans**  
**ALTERATIONS & ADDITIONS** Cost, \$.....  
 MARYSVILLE, Yuba Co., Calif. 4th and H Streets.  
 Alterations and additions to Owner's cottage at Rideout Memorial Hospital; work includes plumbing, heating, terra cotta tile, electric work, hardwood floors, etc.  
 Owner—Rideout Memorial Hospital.  
 Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.  
 Bids will be asked in about one month.

**Completing Plans**  
**ALTER HOSPITAL** Cost, \$.....  
 MARYSVILLE, Yuba Co., Calif. 4th and H Streets.  
 Air conditioning system and miscellaneous alterations to Rideout Memorial Hospital.  
 Owner—Rideout Memorial Hospital.  
 Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.  
 Bids will be asked about March 1, 1937.

**Sub Contracts Awarded**  
**NURSES' HOME**  
 YOUNGVILLE, Napa Co., Calif. Veterans' Home.  
 Two-story reinforced concrete nurses' home with tile roof (30 rooms), and one-story wood frame two-family cottage (Duplex Cottage No. 2), cement plaster exterior and tile roof.  
 Owner—State of California.  
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.  
**General Contract**—Villadsen Bros., 219 Webster St., Oakland; \$65,000  
**Excavations**—Ariss-Knapp Co., 961 41st St., Oakland.  
**Reinf. Steel—Concrete Engrg.** 1280 Indiana St., San Francisco.  
**Misc. & Ornamental Iron**—Star Ornamental Iron Works, 227 Bay St., San Francisco.  
**Mill Work**—Pacific Mfg. Co., Santa Clara.  
**Glass & Glazing**—W. P. Fuller Co., 301 Mission St., San Francisco.  
**Lathing and Plastering**—Leonard Bosch, 167 Fifth Ave., San Francisco.  
**Steel Sash & Doors**—Michel & Pfeiffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.  
**Sheet Metal—Aladdin Heating Corp.**, 5107 Broadway, Oakland.

**Roofing & Tile**—G. W. Davenport, 717 C St., San Rafael.  
**Painting**—J. F. Ecker, 17 West Poplar St., Stockton.  
**Hollow Metal**—Forreder Cornice Works, 269 Potrero Ave., San Francisco.

**Hardwood Floors**—Higgins Lumber Co., 1930 Van Ness Ave., San Francisco.

As previously reported, electric, plumbing and painting were let under segregated contracts.

**11—ICE AND COLD STORAGE PLANTS**

**Contract Awarded**  
**COLD STORAGE PLANT** \$20,000  
 YUBA CITY, Sutter Co., Calif. One-story frame building, insulation for a pre-cooling plant.  
 Owner—National Ice & Cold Storage Co.  
 Engineer—James Smith, 251 Kearny St., San Francisco.  
 Contractor—W. W. Williamson, 320 Market St., San Francisco.

**12 POWER PLANTS**

**FUNDS ALLOTTED**  
**SPOKANE**, Washington.—The Rural Electrification Administration has allotted a loan of \$55,000 to Public Utility District No. 1 of Spokane, for construction of 50 miles of rural distributing lines to serve 250 customers in Spokane County.

**FUNDS ALLOTTED**  
**LAKEVIEW**, Oregon.—The Rural Electrification Administration has allotted a loan of \$60,000 to the Goose Lake Valley Rural Electric Association of Lakeview, for constructing about 60 miles of line to serve 168 rural customers in Lake County. The power for this project will be supplied at wholesale by a 900-kw plant which the Rural Electrification Administration is financing in Modoc County.

**CONTRACT AWARDED**  
**NORWALK**, Los Angeles Co., Calif.—Walter S. Leland Co., Walnut Creek, at \$12746, awarded contract by the State Division of Architecture, George B. McDougall, State Architect, Sacramento, for the erection and completion of a 300-hp. water tube boiler in the boiler plant at Norwalk State Hospital.

**BIDS OPENED**  
**BONNEVILLE**, Ore.—Grand Sheet Metal Works, 200 NE Third Avenue, Portland, at \$602, submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-255, for fabricating and installing a complete sheet metal lighting cavity in the switchboard room of the Bonneville powerhouse at Bonneville, Oregon.  
 Acme Metal Works, Portland, at \$953, submitted the only other bid.

**13—PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**BIDS WANTED**  
**SAN FRANCISCO**—Until Feb. 24, 2:30 p.m., bids will be received by the Department of Public Works, Room 25, City Hall, under Spec. No. 5629, for furnishing and installing air conditioning equipment in the Controller's office at the City Hall. Est. cost, \$3,000.  
 Specifications may be obtained from the office of City Architect Charles H. Sawyer, Room 265, City Hall, upon deposit of \$500.

**Sub Contracts Awarded**  
**ADDITION** Cont. Pr., \$2,230  
**DELANO**, Kern Co., Calif.  
 Jail addition (two cells).  
 Owner—City of Delano.  
 Architect—Office of Edwin J. Symmes, Habersfelde Bldg., Bakersfield.  
**Contractor**—Graham & Dornandy, Drawer L, Delano.  
**Plumbing, Electric & Sheet Metal**—  
 Pelouin & Co., 115-17  
 Golden State Highway, Delano.  
**Iron Grille & Steel Rolling Doors**—  
 Kyle & Company, 346 G Street,  
 Fresno.  
**Lumber & Hardware**—The King Lbr.  
 Co., Box 1539, Bakersfield.

**Sub Contracts Awarded**  
**COURT HOUSE AND JAIL**  
 Contract Price, \$158,611  
**SANTA CRUZ**, Santa Cruz Co., Cal.  
 Front Street.  
 Three-story and basement reinforced  
 concrete court house  
 and jail (concrete floors, metal  
 lath and plaster partitions, linoleum  
 floor covering, steam heat;  
 jail, 3 cells; office building, 120x  
 85 feet).

Owner—County of Santa Cruz.  
 Architect—Albert F. Goller, Crocker  
 First National Bank Bldg., San  
 Francisco.  
**Structural Engineer**—H. J. Brunner,  
 Sharon Bldg., San Francisco.  
**Contractor**—Barrett & Hill, 915 Har-  
 rison St., San Francisco.  
**Excavations**—Leo Cardwell, Manor  
 Avenue West, Santa Cruz.  
**Reinforced Steel**—Gunn-Carle & Co.,  
 20 Potrero Ave.

**Reinf. Steel & Composition Floors**—  
 Gunn-Carle & Co., 20 Potrero  
 Ave.

**Roofing & Ready-Mix Concrete**—  
 Central Supply Co., P.O. Drawer  
 1150, San Jose.

**Marble**—Musto-Keenan Co., 535 No.  
 Point St.  
**Elevators**—Otis Elevator Company, 1  
 Beach Street.

**Miscellaneous Iron**—Monarch Iron  
 Works, 262 Seventh St.

**Electric Work**—Spencer Electric Co.,  
 2059 Webster St., Oakland.

**Furniture**—M. G. West Co., 117 Front  
 St.

**Glass**—Habicht & Howlett, 529  
 Clay St.

**Mill**—Hanson Bros. Mfg. Co., 5th and  
 Magnolia Streets, Oakland.

**Linoleum**—West Coast Linoleum  
 Store, 2703 Mission St.

**Kitchen Equipment**—Dohrmann Hot-  
 tel Supply Co., 972 Mission St.

**Plumbing, Heating & Ventilating**—  
 Scott Co., Inc., 243 Minna St.

**Finish Hardware**—Baker-Hamilton &  
 Pacific Co., 700 7th St.

**Painting**—D. Zelinsky & Sons, Inc.,  
 165 Grove St.

**Steel Rolling Doors**—Kinnear Mfg.  
 Co., 361 Brannan St.

**Steel Sash**—Truscon Steel Co., 604  
 Mission St.

**Jail Equipment**—Fauly Jail Equip-  
 ment Co.

**Plans Being Figured** — Bids Close  
 February 26, 10 A. M.  
**ALTERATIONS** Cost, \$50,000  
**FRESNO**, Fresno Co., Calif.  
 Remodeling and rehabilitation of 3-  
 story reinforced brick and con-  
 crete Courthouse (hollow-lath parti-  
 tions, composition roofing, metal  
 lath and acoustical plaster in-  
 terior tile, painting, plumbing,  
 metal stall partitions, fire es-  
 capes, radiators, linoleum floor  
 covering).

Owner—County of Fresno (E. Dusen-  
 berry, County Clerk).  
 Architect—Allied Architects of Fresno  
 (comprising W. D. Coates, C.  
 J. Franklin, H. Rafael Lake, E.  
 J. Kump, Fred Swartz and E. O.  
 Petersen), H. Rafael Lake, Su-  
 pervising Architect.

Plans and specifications obtainable  
 from the office of the County Clerk  
 upon deposit of \$25.

**BIDS OPENED**

**SACRAMENTO**.—Rucker Fuller  
 Co., 539 Market St., San Francisco,  
 at \$1346, submitted low bid to the  
 Sacramento City Council, for the in-  
 stallation of the second tier of the  
 present book stack structure in the  
 City Library, 9th and I Streets, Sacra-  
 mento, consisting of eleven double-  
 faced ranges of six 26-in. units each,  
 one single-faced range of nine 30-in.  
 units, one single-faced range of six  
 36-in. units, one 23-in. unit, and one  
 28-in. unit, and the furnishing and  
 installing of present concrete floor  
 slabs in the aisle areas of the second  
 tier.

Complete bids follow:  
 Rucker Fuller Co., S. F. \$4,346  
 Glen Davidson, Ltd., L. A. 4,350  
 Remington Rand, Sacramento, 5,413

**CONTRACT AWARDED**

**WILLOWS**, Glenn Co., Calif.—F.  
 H. Nelson, 96 Eighth St., Orland, at  
 \$971.50, awarded contract by the  
 Glenn County Board of Supervisors,  
 W. B. Sale, County Clerk, for the in-  
 terior and completion of a law li-  
 brary and changes to the Superior  
 Courtroom. Only other bid submit-  
 ted by W. V. Crone, Willows, at  
 \$993.75.

**Plans Being Completed**

**JAIL** Cost, \$400,000  
**FRESNO**, Fresno Co., Calif.  
 Four-story and basement Class A  
 jail building.

Owner—County of Fresno.  
 Architect—Allied Architects of Fres-  
 no, W. D. Coates, Jr., 623 Rowell  
 Bldg., supervising architect.  
 (W. D. Coates, C. W. Franklin,  
 H. Rafael Lake, E. J. Kump,  
 Fred Swartz and E. O. Petersen).

Upon completion of the plans, the  
 Board of Supervisors will file an ap-  
 plication with the PWA for a grant  
 of \$577.

**BIDS OPENED**

**SACRAMENTO**—Weber Showcase  
 & Fixture Co., Inc., 5700 Avalon Blvd.,  
 Los Angeles, at \$7,777, submitted low  
 bid to the State Division of Archi-  
 tecture, George B. McDougall, State  
 Architect, Sacramento, for sectional  
 partitions in the 11th and P Streets  
 building, Sacramento.

Complete bids follow:  
 Weber Showcase & Fixture Co.,  
 Inc., L. A. \$7,777  
 Pacific Mfg. Co., Santa Clara, 10,964  
 Capital City Planning Mill, 11,288  
 Fink & Schindler, S. F. 12,997

**LOW BIDDER**

**TORRANCE**, Los Angeles Co., Cal.  
 —Eber Wehdehn 656 1/2 S. Western  
 Ave., Los Angeles, at \$9,790 submit-  
 ted the low bid to the Torrance city  
 council for the construction of a  
 steel frame administration build-  
 ing and addition to existing assembly  
 building in Torrance, a PWA pro-  
 ject. Plans by Architects A. R. Walker  
 and P. A. Eichen, Los Angeles.

**14—RESIDENCES**

**Plans Completed** Cost, \$11,000  
**RESIDENCE**  
**SANTA CRUZ**, Santa Cruz Co., Cal.  
 Two-story frame and stucco resi-  
 dence (5 rooms, 3 baths, brick  
 fireplace, single roof, gas hot air  
 heating system, hardwood floors,  
 plaster walls and ceilings).  
 Owner—Nancy Washfield,  
 At Large, 214 S. 28th St., 1477 Burlin-  
 game Ave., Burlingame.  
 Owner L. Cavanaugh, 432 Occiden-

tal Ave., San Mateo, is now taking  
 sub bids on all portions of the work.

**Bids Held Under Advertisment**

**RESIDENCE** Cost, \$.....  
**SOUTH SAN FRANCISCO**, San Ma-  
 teo Co., Calif.  
 Two-story frame and stucco resi-  
 dence (9 rooms, 3 baths), hard-  
 wood floors, tile roof, hot air gas  
 fired heating system, tile baths.  
 Owner—Dr. H. A. Wald.  
 Architect—A. F. Roller, Crocker 1st  
 National Bank Bldg., San Fran-  
 cisco.  
 Announcement shortly.

**Plans Being Figured — To Close**

March 1, 5 P. M.  
**RESIDENCE** Cost, \$.....  
**ORINDA**, Alameda Co., Calif.

One-story frame and stucco resi-  
 dence (5 rooms, 2 baths), shingle  
 roof, wood sash, oil burning heat-  
 ing system, hardwood floors, tile  
 baths, etc.

Owner—Captain Clayburne, care Archi-  
 tect.  
 Architect—F. L. Confer, 3147 Clare-  
 mont Ave., Berkeley.

Following are figuring plans:  
 Irving L. Graves, 631 Valle Vista  
 Ave., Oakland.  
 Frank A. Stead, 3206 Boile Street,  
 Berkeley.

W. W. Watson, 4750 Meidon Ave.,  
 Oakland.  
 Vernon Bernard, 227 San Carlos  
 Ave., El Cerrito.

C. E. Atkinson, 5032 Dover Street,  
 Oakland.

It was previously reported in error  
 that these bids closed March 3.

**Working Drawings Being Completed**

**RESIDENCE** Cost, \$.....  
**SALINAS**, Monterey Co., Calif.  
 One-story frame and siding resi-  
 dence (6 rooms, 1 bath), tile bath,  
 shingle roof, hardwood floors,  
 central hot air heating system,  
 steel sash.

Owner—Dr. Daughters.  
 Architect—Chas. E. Butner, 7 Win-  
 ham St., Salinas.

**Contract Awarded**

**RESIDENCE** Cost, \$.....  
**LODI**, San Joaquin County, Calif.  
 One- and two-story frame and stucco  
 residence (6 rooms and unfinished  
 portion of second floor) single  
 roof, tile, linoleum and  
 pine floors, wood sash, gas floor  
 furnace, etc.  
 Owner—Mrs. George Moore.  
 Architect—Victor Galbraith, 221 E.  
 Acacia St., Stockton.  
 Contractor—P. L. Hanson, Rt. 2, Box  
 103, Lodi.

**Contract Awarded**

**RESIDENCE** Cost, \$10,000  
**OAKLAND**, Alameda Co., Calif. La  
 Salle Avenue.  
 Two-story full wood residence (9  
 rooms and 3 baths, shingle roof,  
 hardwood floors, linoleum bath,  
 tile showers, plaster walls and  
 ceilings, gas-fired hot air fur-  
 nace, garage).  
 Owner—Withheld.  
 Architect—Williams and Wastell, 337  
 17th St., Oakland.  
 Contractor—H. C. Andresen & Son,  
 660 Montclair Ave., Oakland.

**Completing Working Drawings**

**RESIDENCE** Cost, \$3,500  
**SANTA ROSA**, Sonoma Co., Calif.  
 17th Street.  
 One-story frame and stucco resi-  
 dence (5 rooms, shingle roof, gas  
 floor furnace, hardwood floors,  
 linoleum floor in bath, concrete  
 floor in garage).  
 Owner—H. T. Graves, care Archi-  
 tect.  
 Architect—Charles Caudins, Ro-  
 senburg Bldg., Santa Rosa.

Bids will be asked in about one week.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$.....  
SACRAMENTO, Calif. 27th St., bet. N and O Streets.

One-story frame residence (6 rooms), bevel siding exterior, hardwood floors, tile bath, etc.  
Owner—Name withheld.  
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
Announcement shortly.

**Plans Being Figured**  
RESIDENCE Cost, \$.....  
BERKELEY, Alameda Co., Calif.

Two-story frame, stucco and siding California—Monterey style residence (4 bedrooms and 3 baths) shake roof, tile floors, gas heat, wood sash, double hung.

Owner—Mrs. Loomis.  
Architect—Edwin Lewis Snyder, 2104 Addison Street, Berkeley.

Bids are being received from a selected list of contractors.

**Plans Being Figured**  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda County, Calif.  
Carlston Avenue and Santa Rey, Piedmont Heights.

Two-story frame and stucco Spanish style residence (3 bedrooms, 2 baths, two lavatories) tile roof, hardwood floors, tile baths, wood sash, gas heat.

Owner—Mr. and Mrs. J. Fredklin.  
Architect—Edwin Lewis Snyder, 2104 Addison Street, Berkeley.

Bids are being received from a selected list of contractors.

**Electrical & Plumbing Contracts Awarded**  
RESIDENCE Cost, \$6,000  
CARMEL, Monterey Co., Calif.

One-story rustic residence (shake roof, oak floors, central hot air blower heating system).

Owner & Builder—F. E. Overhulse, Box 1095, Carmel.  
Architect—Milton Latham, Carmel.  
Plumbing—James W. Kitchen, Junipero St., Carmel.

Electrical—Jack Belyall & Sons, 6th and Guadalupe Sts., Carmel.  
Segregated bids on carpentry and concrete are now being received by the owner.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 6020 La Salle Ave.

Two-story frame and stucco residence (7 rooms).  
Owner—M. G. Sturtevant, 1567 E. 31st Street.  
Architect—Ray Keefer, 538 Mondana Blvd.

Contractor—J. F. Thomas, 10828 Bancroft Ave.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 1959 Wrenn St.

Two-story frame and stucco residence (6 rooms).  
Owner—H. L. Pike, 2000 Oakview Rd.  
Architect—Not Given.  
Contractor—Dixon & Rath, 1844 5th Ave.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
CARMEL, Monterey Co., Calif.  
One-story Monterey farm house (5 rooms, 2 baths), frame and stucco construction.

Owner—Dr. Kehr.  
Architect—Guy O. Koeppe, Box 644, Carmel.  
Contractor—A. C. Stoney, San Antonio St., Carmel.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif. 1039 University Avenue.

Two-story frame and stucco residence and garage.  
Owner—Frank M. Walton, 559 Tenynson Ave., Palo Alto.  
Architect—Not Given.

Contractor—Carroll Da Mant, 137 Donohue St., Palo Alto.

Roofing—Frost Roofing Co., 3159 El Camino Real, Palo Alto.

Plumbing—I. S. Malott, 3145 El Camino Real, Palo Alto.  
Electric Wiring—Callahan Electric Shop, 433 California Ave., Palo Alto.

Heating and Sheet Metal—C. B. Spangler, 450 Stanford Avenue, Palo Alto.

Tile Work—Bloomquist Tile Co., 722 Clinton St., Redwood City.

Glass—Acme Glass Co., 851 Alma St., Palo Alto.

Hardwood Floors—A. Bucklund.  
Iron Grille Work—H. Bleibler, 744 High St., Palo Alto.

Brick and Stone—Ferrioli & Bettini, 957 University Dr., Menlo Park.  
Lumber and Mill—Cleese Lumber Co., 826 State Highway, Menlo Park.

Painting—W. B. Lane, Donna Ave., Palo Alto.

Lathing and Plastering—Ray Mack, 221 Mariposa Ave., Mt. View.  
Steel Rolling Doors—Soule Steel Co., 1750 Arroyo St., San Francisco.

**Bids In—Held Under Advertisment.**  
RESIDENCES Cost, \$.....  
SAN JOAQUIN COUNTY, Cal. Seven miles from Stockton.

Monterey style residence (11 rooms, and 3 baths) shake shingle roof, hardwood floors, oil burner fired hot air heat, steel and wood sash, tile showers, etc.

Owner—S. H. Hall.  
Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

Announcement will be made shortly.

**Plans Completed**  
RESIDENCE Cost, \$.....  
PIEDMONT, Alameda Co., Cal. Ran-son Garden.

Two-story frame residence (10 rms., 4 baths), Colonial style, hardwood floors, tile baths, etc.

Owner—W. L. Oliver, 2nd, care Architect.

Architect—C. W. Mayhew, 6026 Acacia St., Oakland.

Bids will be asked from a selected list of contractors within a few days.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$7,000  
ROSS, Alameda Co., Calif. Del Mesa Tract.

Two-story and basement frame and stucco residence.

Owner—P. N. Dysart, Kentfield.  
Architect—Albert Farr & J. Francis Ward, 68 Post Street, San Francisco.

Contractor—Ernest Laxton, 526 Red Hill Ave., San Anselmo.

Plumbing, Heating & Sheet Metal—A. L. Nelson Co., 308 B St., San Rafael.

Electric Wiring—Tamalpais Electric Co., 568 San Anselmo Ave., San Anselmo.

Tile Work—Chas. Roll. R.F.D., Mill Valley.

Hardwood Floors—Roy Wahnlg, Rt. 1, Box 155, Sausalito.

Brick & Stone Work—Beryl Goodrich, 11 Hill Ave., Fairfax.

Grading & Foundations—James Ghilotti, 1329 Fourth St., San Rafael.  
Lumber & Mill Work—Larkspur Lbr. Co., 554 Magnolia Ave., Larkspur.  
Painting—Ralph Dorius, 743 Sir Francis Drake Blvd., San Anselmo.  
Lathing & Plastering—Cliff Jackson,

48 Broadmoor Ave., San Anselmo.  
Linoleum—The Linoleum Shop, 400 San Anselmo Ave., San Anselmo.

**Plans Being Figured — To Close**  
Feb. 23, Noon

RESIDENCE Cost, \$.....  
SAN FRANCISCO, Jackson Street, near Locust St.

Two-story frame and stucco residence; slate roof, tile baths, hardwood floors, etc.

Owner—Joseph Ehrman, care Architect.  
Architect—Hyman & Appleton, 68 Post St.

A. P. Mattock Co., 212 Clara St., is figuring plans and desires sub bids on all portions of the work.

**Plans Being Figured — To Close Mar. 1, 5 P. M.**  
RESIDENCE Cost, \$.....  
PIEDMONT, Alameda Co., Cal. Ran-son Garden.

Two-story frame residence (10 rms., 4 baths), Colonial style, shingle roof, hardwood floors, tile baths, oil burning heating system, etc.

Owner—W. L. Oliver, 2nd, care Architect.

Architect—C. W. Mayhew, 6026 Acacia St., Oakland.

Following are figuring plans:  
Chas. Stockholm, 235 Montgomery St., San Francisco.

C. Valstrom, 1447 Excelsior Ave., Oakland.

Jensen & Pedersen, 3443 Adelaine St., Oakland.

A. Haskell, 255 Ridgway Ave., Oakland.

D. Nordstrom, 4150 Emerald St., Oakland.

George Anderson, 211 Hanover Avenue, Oakland.

S. J. Bertelsen, 30 Estrella Avenue, Piedmont.

**Plans Completed — Bids Shortly**  
RESIDENCE Cost, \$.....  
SAN CARLOS, San Mateo Co., Cal.

One-story frame and stucco residence (5 rooms, 1 bath), shingle roof, hardwood floors, tile baths, oil burning furnace, etc.

Owner—Withheld.  
Architect—Vincent Raney, 233 Post Street, San Francisco.

Bids will be asked within a few days.

**Contract Awarded**  
RESIDENCE Cost, \$6,200  
STOCKTON, San Joaquin Co., Calif.

One-story Spanish style residence (5 rooms, 1 bath), stucco exterior, concrete foundations, tile roof, attached garage.

Owner—A. Vignolo.  
Architect—Elmore G. Ernst, 9 West Cleveland St., Stockton.

Contractor—Percy C. Hunt, P.O. Box 104, Stockton.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Calif. St. Francis Wood.

Two-story frame and stucco residence; hardwood floors, tile baths, garage, etc.

Owner—A. J. Callahan, care Architect.  
Architect—Maybeck, White & Merchant, Russ Bldg.

Contractor—H. H. Larsen Company, 64 South Park.

**Contract Awarded**  
RESIDENCE Cost, \$6,500  
SOUTH SAN FRANCISCO, San Ma-

teo Co., Calif. Parkway Terrace.  
Two-story frame and stucco residence (6 rooms); hardwood floors, tile baths, etc.

Owner—Withheld.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.  
Contractor—A. Fianca, 609 Pine Terrace, So. San Francisco.

**Plans Being Figured — Bids Close**

Feb. 23, 4 P. M.  
RESIDENCE Cost, \$.....  
KENSINGTON PARK, Contra Costa Co., Calif.

Residence  
Owner—Withheld.  
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Bids will be received from the following selected list of contractors:  
Harold Sprunt, 307 Berkeley Park Blvd., Berkeley.

Fitch Robinson.  
Olaf Petersen, 3626 Rhoda Avenue, Oakland.

Jensen & Pedersen, 3443 Adelaine St., Oakland.  
A. Frederick Anderson, 3524 Harbor View Ave., Oakland.

W. V. Bernard, 227 San Carlos Avenue, El Cerrito.  
Victor Sigge, 3912 Linwood Ave., Oakland.

**Contract Awarded**  
AUTO COURT Cost, \$15,000  
BAKERSFIELD, Kern Co., Calif.  
2300 B St.

Six-unit court, wood frame and stucco construction, tile roofs.  
Owner—Ester Swanson.  
Architect—Not Given.

Contractor—W. A. Croft, 1605 Brundage Lane, Bakersfield.  
Following sub contracts have been awarded:

Plumbing—Smetzer Plumbing Co., 2725 Chester Ave., Bakersfield.

Floors—O. W. Newman, 1713 Second St., Bakersfield.  
Painting—John Jenkins, 213 Harding Ave., Olddale.

Electric—Louis F. Bauer, 431 Flower, Bakersfield.

Plastering—Charles D. Conklin, 120 Pacific St., Bakersfield.

Roofing—O. W. McNay, 1669 1/2 Sumner St., Bakersfield.

Lumber—King Lumber Co., 2 Sumner St., Bakersfield.

Tile—Berna & Caetano, 1801 Verde St., Bakersfield.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$11,000  
SAN MATEO CO., Cal. Hillhurst and Oakdale Road, Lot 69.

Two - story frame and stucco residence and garage.  
Owner—M. Marculescu.  
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contractor—Charles Pedersen, 734 Prospect Row, San Mateo.

Roofing—Henry Baer, 2753 Garfield St., San Mateo.

Plumbing—H. R. Park, 1230 Broadway, Burlingame.  
Electric Wiring—Alexander Electric Co., 1222 Broadway, Burlingame.

Heating and Sheet Metal—Izmirlian Sheet Metal Works, 229 Railroad Ave., San Mateo.

Tile—Benetti Tile Co., 916 N. Humboldt St., San Mateo.

Glass—Pacific Mfg. Co., 454 Montgomery St., San Francisco.  
Hardwood Floors—Inland Floor Co., 600 Alabama St., San Francisco.

Brick and Stone Work—Chas. Ohran & Clark, 1035 Chula Vista, Burlingame.

Grading—L. C. Smith, 233 Third Ave. San Mateo.

Foundations—G. Adolphson, 706 N. Claremont St., San Mateo.  
Lumber and Hardware—Wisnom Hardware Co., 421 5th Ave., San Mateo.

Mill Work—Pacific Mfg. Co., 454 Montgomery St., San Francisco.

Painting—David Millar, 16 E Monte Diablo, San Mateo.

Lathing and Plastering—S. Erickson 308 30th Ave., San Mateo.

Concrete—San Mateo Feed & Fuel Co., 850 San Mateo Drive, San Mateo.

**Plans Being Figured — To Close**

March 3, 5 P. M.  
RESIDENCE Cost, \$...  
ORINDA, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms, 2 baths), shingle roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.

Owner—Captain Clayburne, care Architect.  
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.

Plans are being figured by a selected list of contractors to be announced shortly.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,000 each  
OAKLAND, Alameda Co., Calif. 2539 to 2493 Castle St.

Two one-story frame and stucco residences (5 rooms each).  
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6000  
OAKLAND, Alameda Co., Calif. 6231 Contra Costa Rd.

Two-story frame and stucco residence (7 rooms).  
Owner & Builder—Paul H. Haller, 6221 Buena Vista Ave.  
Architect—Not Given.

**To Award Contract**  
RESIDENCE Cost, \$26,000  
SAN RAFAEL, Marin Co., Calif. Del Mesa Tract.

Two - story frame and stucco residence (10 rooms, 3 baths), Spanish style, tile roof, tile baths, hardwood floors, oil burning furnace, steel sash, etc.

Owner—Henry Sutliff, care architect.  
Architect—E. Frederic Amandes, 414 Devey Blvd., San Francisco.

Low Bidder—Leibert & Trobeck, Albert Bldg., San Rafael.  
Contract will be awarded shortly.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$...  
BERKELEY, Alameda Co. Hilldale and Grizzly Peak Blvd.

One - story frame and stucco residence (4 rooms, 1 bath). Redwood siding, shingle roof, gaswood and oak plank floors, hot air heat, etc.

Owner—Frank E. Wilke.  
Architect—Edwin L. Snyder, 2104 Addison St., Berkeley.  
Contractor—Randolph Parks, 624 Euclid Ave., Berkeley.

Roofing—Frank Primrose, 709 45th St. Oakland.

Heating & Sheet Metal—W. P. Ames Co., 150 Hooper St., S. F.  
Foundations & Concrete—Ensor-Buel Co., 5340 Grove St., Oakland.

Lumber—Hogan Lumber Co., 2nd and Alamo Sts., Oakland.  
Tile Work—Rigney Tile Co., 3012 1/2 Harris St., Oakland.

Brick & Stone—Collins & Jensen 610 26th Ave., Oakland

Hardware—Berkeley Hardware Co., 214 University Ave., Berkeley.  
Mill Work—General Mill & Lumber Co., 1600 24th St., Piedmont.

Linoleum—Linoleum Studio 2061 Webster St., San Francisco.

**Sub Contracts Awarded**  
RESIDENCE Cost \$4,650  
OAKLAND, Alameda Co., Calif. 2999 El Monte Ave.

One-story frame and stucco residence (5 rooms, 1 bath). asbestos siding, asbestos shingle roof, mezzanine precast wood floors, tile bath, bar air heating system.

Owner—C. Wells 1139 Harvard Blvd.  
Architect—G. E. Ellinger, 1801 Castellina Road, Oakland.

Contractor—Clarence M. Starr, 2019 Delaware St., Berkeley.

Roofing & Siding—Bay Cities Asbestos Co., 5th Ave. and 12th St.  
Heating—Electrogas Furnace Sales, 10th and Jefferson Sts.

Masonite Floors—Lilly & Crowley, Inc., 608 16th St.

Foundations & Concrete—Cal Cragun, 2135 169th Ave.  
Lumber—Hogan Lumber Co., 2nd and Alice Sts.

Mill Work—Sheehan-Ballard Planning Mill Co., 9th and Parker.

**Contract Awarded**  
RESIDENCE Cost, \$6,600  
BERKELEY, Alameda Co., Calif. 130 Poplar St.

Two-story frame and stucco residence and garage (6 rooms).  
Owner—G. S. Trimble, 1700 LeRoy Street.

Architect—C. W. McCall, 1404 Franklin St., Oakland.  
Contractor—H. Glynn, 6023 Colby St.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, W. Maywood Drive, S. Yerba Buena.

Two - story and basement frame and stucco residence.  
Owner & Builder—Paul A. Wolter, Jr., 190 Maywood Drive.

Architect—Earl McDonald, 110 Sutter St.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 ea.  
SAN FRANCISCO, W. 17th Ave., N. Moraga St.

Two one-story and basement frame and stucco residences.  
Owner & Builder—Michael D. Hardiman, 423 38th Ave.

Architect—Vincent Buckley, 525 Market St.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,500 each  
SAN FRANCISCO, E. Teresita, S. Portola Drive.

Three one-story and basement frame and stucco residences.  
Owner & Builder—Meyer Bros., 735 Portola Drive.

Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO, W. 16th Ave., S. Lawton St.

Four one-story and basement frame and stucco residences.  
Owner & Builder—Henry Doelger Builder, Inc., 320 Judah St.

Architect—Not Given.

**Contract Awarded**  
RESIDENCES Cost, \$5500 each  
SAN FRANCISCO, W. 23rd Avenue N. Ocean Ave.

Two two-story and basement frame and stucco residences.  
Owner—E. Jensen & Hamlin, 716 46th Avenue.

Architect—C. O. Clausen, 716 46th Avenue.  
Contractor O. K. Holt, 3957 Army.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$7,000 each  
BERKELEY, Alameda Co., Cal. 2847-2500 LeRoy St. and 17th LeRoy.

Three two-story frame and stucco duplex residences and garages.  
Owner & Builder—O. Carlson, 659 Santa Barbara Road.

Architect—Not Given.

**15— SCHOOLS**

**LOW BIDDER**

FONTANA, San Bernardino Co., Calif. Steel Bldg., 912 E. Main St., Alhambra, at \$61,800, submitted by

bid to the Fontana School District, for constructing a one and part two-story roof concrete auditorium at Fontana elementary school, a PWA

project. Architects, Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles.

#### BIDS WANTED

**KEHN CO., Calif.**—Until March 1, 7:30 p.m., bids will be received by the Semi-Tropic School District, Kern County, for the sale and removal of a two-story frame school building, 30 x 40 feet, located in the Semi-Tropic district.

Bids must be accompanied by a certified check for 10% of the bid. Jess Arant, clerk, Star Route, Box 29, Wasco.

#### CONTRACT AWARDED

**TUCSON, Ariz.**—P. W. Womack Construction Co., 600 E. Jefferson St., Phoenix, at \$216,298, awarded contract by the University of Arizona, for the construction of women's dormitory building, Unit B, on the university campus in Tucson, a PWA project. Architect, Roy Place, Tucson. Contract for Unit A, similar in size and construction to Unit B, was recently awarded to the Jay J. Garfield Building Company at \$233,000.

#### Preparing Working Drawings

**ADDITION TO SCHOOL** Cost, \$75,000  
**SAN FRANCISCO.** St. Monica's School (Rec. Wm. J. Cantwell, Rector), 24th and Geary Sts., Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x 91 ft.); six classrooms and assembly hall, with gymnasium in basement.

Owner—Archbishop of San Francisco, 1106 Franklin St.  
Architect—Arnold Constable, 580 Market St.  
Bids will be asked about April 1.

#### Contract Awarded RECONSTRUCTION

**ALAMEDA, Alameda Co., Calif.** Alameda Ave., bet. Oak and Walnut. Reconstruct auditorium at the Porter School.

Owner—Alameda City School District.  
Architect—Henry A. Minton, Underwood Bldg., San Francisco.  
Structural Engineers—J. Nishikawa, 525 Market St., and James Hamill, 381 Bush St., San Francisco.  
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.

#### Contract Awarded SCHOOL.

**TALMAGE, Mendocino Co., Calif.** New frame school building.  
Owner—River Union Elementary School District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.  
PWA approved grant of \$3,375 to assist in financing.

Contractor—E. Hannah & Co., 268 Market St., San Francisco.

#### Contracts Awarded HIGH SCHOOL

**AVENAL, Kings Co., Calif.** Head of Seventh Street.  
New frame high school building, administration building, gymnasium, machine shop, electric and heating work.

Owner—Lemoore Union High School District.  
Architect—W. H. & Harold H. Weeks, 563 Market St., San Francisco.

**General Construction**  
Contractor—Madate Constr. Co., 245 Clinton Ave., Fresno—\$122,019.56

**Electric Work**  
Contractor—American Electric Construction Co., 462 Bryant St., San Francisco—\$17,837.

**Heating**  
Contractor—George C. Bell, 1525 Gleason Way, Oakland—\$8,393.

#### BIDS WANTED

**SAN FRANCISCO.**—Until Feb. 24, 1:35 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 5645, for furnishing and installing chain-link wire fence on top of present wooden fence, to match present installation on Geary Street side of Girls' High School, at Geary and Scott Streets.

Additional information may be had at the office of R. A. Chisholm, Superintendent of Public Buildings, 484 11th St.

#### Planned ALTERATIONS

Est. Cost, \$25,000  
**RICHMOND, Contra Costa Co., Cal.** Clinton and 24th Streets.  
Enlarge auditorium or construct balcony at Grant School.

Owner—Richmond Elementary School District (W. T. Helms, Supt.)

Architect—Not Selected.  
E. J. Freethy, 224 16th St., Richmond, is preparing tentative estimates on work.

#### BIDS WANTED

**PASADENA, Los Angeles Co., Cal.**—Until March 4, 10 a.m., bids will be received by the California Institute of Technology, 1201 E. California St., Pasadena, for the construction of the Crellin Laboratory of Chemistry, second unit of Kerckhoff Laboratories of Biological Sciences, Seely W. Mudd Laboratory of Geological Sciences and Charles Arms Laboratory of Geological Sciences on the Institute campus in Pasadena. All work included in general contract except heating, ventilating and plumbing, for which separate bids will be taken by the owners, and electrical work, which will be installed by the Institute. Plans are being distributed by Mr. Hertenstein at the above address. Buildings will be three-story and basement type, concrete structures, plastered exteriors, tile and composition roofing, tile corridors, cement, cork, composition and linoleum-covered floors, art stone work, wrought iron, hollow metal doors, steam heat, elevator, etc. Mayers & Murray & Philip, Bertam G. Goodhue Associates, 2 W. 47th St., New York City, architects. Following general contractors have procured plans: Wm. C. Crowell, 495 S. Broadway, Pasadena; C. L. Wurster, 902 E. 59th St., Los Angeles; Wm. Simpson Construction Co., 816 W. Fifth St., Los Angeles; P. J. Walker Co., 2900 Whiteside Ave., Los Angeles; R. Westcott Co., 1831 N. Main St., Los Angeles; Clinton Construction Co., 1103 Spring-Arcade Bldg., Los Angeles; Campbell & Kelly, 253 S. Broadway, Los Angeles.

#### Preparing Preliminary Plans

**RECONSTRUCTION** Cost, \$150,000  
**BERKELEY, Alameda Co., Calif.** E. 17th and 62nd Ave.  
New school building at Whittier Elementary School.

Owner—Berkeley Unified School District

Architect—P. L. Dragon and C. R. Schmidts and B. R. Hardman & G. Officer, 2065 Allston St., Oakland

#### To Ask Bids Shortly

**RECONSTRUCTION** Cost, \$13,000  
**BERKELEY, Alameda Co., Calif.** Structural rehabilitation of Willard Junior High School Auditorium (strengthening roof trusses, installing system to resist lateral forces consequent to revised additional fire protection system)

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia Street.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
Consulting Architect—Wm. C. Am-

brose, Berkeley Board of Education.

Revised plans have been approved by the Board of Education and a call for bids will probably be issued February 17. This will be a PWA project.

#### BOND ELECTION PLANNED

**VALLEJO, Solano Co., Calif.**—Vallejo Unified School District is planning to vote bonds at the school election in June of sufficient amount to assist in financing construction of additional school building facilities.

#### Preparing Preliminary Plans

**SHOP BLDG.** Cost, \$150,000  
**BERKELEY, Alameda Co., Calif.** Grove and Kittredge Sts.  
New shop building at Berkeley High School.

Owner—Berkeley Unified School District.

Architect—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Gutterson, 520 Powell St., San Francisco.

#### To Ask Bids Shortly

**RECONSTRUCTION** Cost, \$18,000  
**BERKELEY, Alameda Co., Calif.** Reconstruct auditorium of the Willard Junior High School.

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.

Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.

Revised plans have been approved by the Board of Education and a call for bids will probably be issued February 17. This will be a PWA project.

#### Material Bids Wanted — To Close

March 3, 4:45 P. M.

#### ALTERATIONS

Cost, \$10,000  
**BERKELEY, Alameda Co., Calif.**

Alterations to Lincoln, Hillside, John Muir, and Washington school buildings and the Willard gymnasium building.

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.

Bids are being received on construction materials for the five schools listed above, all WPA projects.

Specifications obtainable from the office of the secretary.

#### Award Recommended

**SHOP BLDG. ETC.** Cost, \$20,000

**ARBuckle, Colusa Co., Calif.**

Frame shop building (classroom and laboratory, general shop, metal and woodworking rooms, 50 x 110-foot, wood roof, concrete slab floor)

Installation of sprinkler system, furniture and equipment interior decorating of present new auditorium, and landscaping.

Owner—Pierce Joint Union High School Dist. of Colusa County.

Architect—W. W. Coffman, 832 Forum Bldg., Sacramento.

Low Bidder—Peterson & Steinbrenner, 1116 O St., Sacramento.

Complete bids follow:

Peterson & Steinbrenner 333,200

Jack Whitzelberger, Woodland 33,991

R. Scholson, San Francisco 35,361

P. F. Bender, Sacramento 37,227

Recommendation has been made that the contract be awarded the low bidder

(5975) 1st report Feb. 20, 1936; 3rd,

Jan. 27, 1937.

#### LOW BIDDER

**MONROVIA, Los Angeles Co., Cal.**

—Blystone & Van Tuyle, Brea, sub-

mitted low bid to Monrovia City School District at \$45,943 for construction of a classroom building at the Huntington elementary school in Monrovia, a PWA project. Recommendation was made to the PWA that the contract be awarded to the low bidder at \$38,943, based on the normal bid with a deduction of \$7,000 for the omission of one classroom and the cafeteria. Robert M. Finlayson, Monrovia, architect. M. W. Sahibger, structural engineer.

**New Bids Wanted — To Close March 19, 9 P. M.**

**GYMNASIUM** Cost, \$.....  
**OKAIDALE**, Stanislaus Co., Calif.  
 One-story stucco gymnasium building, shower and locker rooms, at the Okaidale Union High School District.  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.

All bids were rejected at previous bid opening February 8, at which time Swanson & Hilberg, Turlock, at \$12,209, submitted low bid.  
 Plans and specifications may be obtained the first of next week from the office of the architect upon deposit of \$20.

**16—BANKS, STORES AND OFFICES**

**Mill Work Awarded**  
**WAREHOUSE AND OFFICES**  
 Cost, \$200,000  
**SAN FRANCISCO**, SW Beale and Folsom Streets.

Four-story and basement, mezzanine floor, warehouse and office bldg. (137x170 ft.), one freight and one passenger elevator, steam heating system, etc.

Owner—Coffin-Reddington Co., 401 Mission St.  
 Architect—F. H. Meyer, Kohl Bldg. Engineer—L. H. Nishkian, 525 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.

**Mill Work—Pacific Mfg. Co., Santa Clara.**  
 Complete sub contracts awarded to date published Nov. 16 and Jan. 12.

**Planned**  
**REMODEL STORE FRONT**

Cost, \$.....  
**RICHMOND**, Contra Costa Co., Calif., 10th St. and MacDonald Ave.  
 Remodel store front of Elks Bldg., remove marquee and reconstruct front windows and store entrances.

Owner—Elks' Hall Association.  
 Architect—Not Selected.

**Plans Being Figured — Bids Close About February 25**

**TORRE** Cost, \$12,000  
**ALINAS**, Monterey Co., Cal. Main and Alsals Streets.  
 One-story steel frame and tile store building (six stores), composition roofing, cement and maple floors.  
 Owner—Cominos Brothers.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.

**Contract Awarded**  
**REMODEL STORE**

Cost, \$20,000  
**POCKTON**, San Joaquin Co., Calif., 27 North Sutter Street.  
 Remodel store building.  
 Owner—M. T. Baggio.  
 Architect—Not Given.  
 Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

**Plans Being Figured — Bids Close February 23**

**AN SYSTEM** Cost, \$.....  
**AKLAND**, Alameda Co., Calif. 5th and Broadway.

Exhaust fan system in Bank of America branch office.  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.  
 Bids are being received in the San Francisco and Oakland offices of the Capital Company.

**FIRE LOSS**

**EUREKA**, Humboldt Co., Calif.—Fire destroyed a portion of a square block bounded by Fourth, Fifth, G and H Streets on Feb. 9, with damage estimated at \$46,000 to the Bank of America Bldg. (formerly Green Bldg.).

**Bids Opened**

**TERMINAL BLDG.**  
**YERBA BUENA SHOALS**. Site of the 1939 World's Fair.  
 One-story wood frame ferry terminal building with a concrete underpass and wooden bridge; portion of building to be erected on wood planking of existing ferry ship wharf, piling and foundations for remainder of building included in contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 555 Bush St., San Francisco.  
 Architect—San Francisco Bay Exposition Architectural Commission, 555 Bush St., San Francisco.  
 Low Bidder—Chnton Constr. Co., 923 Folsom St.—\$115,600.  
 Complete bids follow:

Clinton Constr. Co.	.....	\$115,600
MacDonald & Kahn, Ltd.	.....	116,900
E. T. Lesure, Oakland	.....	120,778
Fred J. Early	.....	120,778
F. C. Amoroso & Sons	.....	122,396
Guy F. Atkinson Co.	.....	133,150

All of San Francisco, unless otherwise noted.

**Plans Being Prepared**  
**ALTERATIONS** Cost, \$.....  
**MODESTO**, Stanislaus Co., Calif.  
 Remodel 1-story store building (plate glass, new front, marble work, etc.).  
 Owner—Pacific States Bldg. & Loan Co.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.

**Sub-Contracts Awarded**  
**BUILDING**

Cost, \$2,000,000  
**SAN FRANCISCO**, Tenth and Market Streets.  
 Seven-story reinforced-concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,500 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).  
 Owner—Capital Co., 625 Market St.  
 Plans by Construction Department of Owner.  
 Structural Engineer—L. H. Nishkian, 525 Market Street.  
 Mechanical Engineer—Leland & Haggard, 58 Sutter Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
 Finish Hardware—Palace Hardware Co., 501 Market Street.  
 Complete sub contracts awarded to date published Nov. 23, Jan. 12, Feb. 5 and 11.

**To Be Done By Day's Work**  
**REMODEL STORE** Cost, \$.....

**MODESTO**, Stanislaus Co., Calif. 904 H Street.  
 Remodel exterior of store.  
 Owner—Third Street Store & Implement Co., 904 H St., Modesto.  
 Architect—Burr, L. C. deLappe, 5905 Kirk Ave., Oakland.

**Contract Awarded**  
**STORE** Cost, \$2,000  
**SALINAS**, Monterey Co., Cal. Main Street.

**One-story reinforced concrete store building.**

Owner—John Duncan.  
 Lessee—Feh Creamery Company.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.  
 Contractor—Hughes V. Hughes, 86 Nacional St., Salinas.

**Plans Being Completed**  
**STORE** Cost, \$12,500

**BAKERSFIELD**, Kern Co., Calif.  
 Reinforced concrete and brick store building (steel slash, arch - rih wood trusses, plate glass window, steel accordion doors and asphalt concrete parking lot, composition roofing).  
 Owner—Alice Wiseman, care Architect.  
 Lessee—Safeway Stores, Inc., Bakersfield.

Architect—Franklin and Kump, Harkerfelde Bldg., Bakersfield.  
 Bids will be taken from a selected list of contractors.

**Contract Awarded**  
**LAUNDRY & RESIDENCE**

Cost, \$8,000  
**SAN FRANCISCO** N McAllister St. W Lyon Street.  
 Laundry and residence.  
 Owner—Chas. Camou, 1927 McAllister Street.  
 Architect—W. E. Huson, 2805 Pierce.  
 Contractor—Richard Delucchi & Co., 3275 San Bruno Avenue.

**Plans Being Figured — Bids Close Feb. 24, Noon**

**STORE BUILDING** Cost, \$14,000  
**SANTA ROSA**, Sonoma Co., Calif., Mendocino Avenue.  
 One-story reinforced concrete store building, plate glass and tile front, composition roof, wood sash, etc.  
 Owner — Independent Order of Odd Fellows.  
 Architect — John I. Easterly, Santa Rosa and Healdsburg.

Following are figuring plans:  
 C. L. Personett, 731 Santa Rosa Ave.  
 C. W. Hansen, P.O. Box 115.  
 W. F. Bohm, Rt. Box 38.  
 J. G. Collins, 616 Pine St.  
 W. Olsen, 617 I St., Petaluma.  
 All of Santa Rosa, unless otherwise noted.

It was previously reported in error that these bids opened Feb. 21.

**Bid Opening Date Temporarily Postponed**

**ALTER STORE** Cost, \$.....  
**SANTA ROSA**, Sonoma Co., Calif., Hahmann Bldg., Fourth St.  
 Alter Dibble's Apparel Store in Hahmann Building.  
 Owner—Mrs. Hahmann, care Architect.

Architect—Clarence Caulkins, Robinson Bldg., Santa Rosa.  
 Following are figuring plans:  
 E. Althoff, 223 1/2 S. R. Ave.  
 C. L. Personett, 731 Santa Rosa Ave.  
 Leon Koch, 526 Orchard St.  
 Earl P. Peterson, Rt. 4, Box 341-A.  
 Announcement shortly.

**17— THEATRES**

**Completing Plans**  
**ALTER THEATRE** Cost, \$.....  
**RICHMOND**, Contra Costa Co., Calif., 701 MacDonald Ave.  
 Alter Richmond Theatre.  
 Owner—Fox West Coast Theatres  
 Architect—A. A. Cantin, 61 Pine St., San Francisco.  
 Bids will be asked in the near future.

## 18—WHARVES &amp; DOCKS

## BIDS WANTED

REDWOOD CITY, San Mateo Co., Calif.—Until March 1, 3 p.m., bids will be received by the Redwood City City Council, B. E. Meyers, City Clerk, City Hall, for the construction of certain facilities at the Redwood City Harbor. Estimated cost, \$27,900.

The work will involve:

- (1) Office building in north end of transit shed;
- (2) Plumbing and sewers;
- (3) Electric light, heat, and power system;
- (4) Automatic sprinkler system;
- (5) Water supply mains;
- (6) Paving roadways and parking area.

Plans and specifications obtainable from the above office upon deposit of \$20.

Charles L. Dimmitt, City Engineer. Contract for construction of a 450-foot timber wharf and transit shed was recently awarded to Healy-Thibbitts Constr. Co., 64 Pine Street, San Francisco, at \$93,472.

## BIDS OPENED

SAN FRANCISCO.—John O'Leary, 149 Hancock St., at \$3,967, on Contract A; and Edwin Anderson, 995 Gilman Ave., at \$6,250 on Contract B, submitted low bids to the Board of State Harbor Commissioners, Frank G. White, Chief Engineer, Ferry Bldg., for wrecking and removing and for cleaning and sandblasting portions of shed and bulkhead bldg. on Pier 46, recently damaged by fire.

Bids were taken as follows:  
Contract A—Wrecking and removing parts of the shed and bulkhead building;

Contract B—Cleaning and sandblasting the interior and framework of parts of the shed and bulkhead building.

Complete bids follow:

CONTRACT A  
John O'Leary, S. F. . . . . \$3,967  
Healy-Thibbitts Constr. Co.,  
S. F. . . . . 3,950  
Schuler & McDonald, Oakland, 6,434  
Cleveland Wrecking Co., L. A. . . . . 7,135  
John Fallstrom, S. F. . . . . 7,320

CONTRACT B  
Edwin Anderson, S. F. . . . . \$6,250  
Patterson Bros., Berkeley . . . . . 8,100  
D. E. Burgess, S. F. . . . . 9,590

All bids referred to the engineer. It is estimated that about 75% of the bulkhead building and 50% of the shed building were destroyed by the fire. Total damage was estimated at approximately \$150,000. Bids for the reconstruction of the two buildings will be asked as soon as plans and specifications are completed.

## 19—MISC. CONSTRUCTION

Contract Awarded  
SWIMMING POOL . . . . . Cost, \$ . . . .  
HILLSBOROUGH, San Mateo Co., Calif. The Carolands.

Swimming pool, bath house and alterations to guest house and barbecue house.

Owner—Walter Foster, care Architect.  
Architect—Angus McSweeney, 604 Mission Street.

Contractor—A. F. Matlock Co., 212 Clara St., San Francisco.

Bids In—Held Under Alterations . . . . . Cost, \$

VALLEJO, Solano Co., Cal. 234 Capitol Street.

Enlargement of Funeral Home, 234 1/2 E. 13th & Dikey, 524 Capitol St., Vallejo.

Architect—Frank H. Rogers, 233 Post St., San Francisco.  
Bids will be received at the Funeral Home in Vallejo.

Following figured plans:  
James Bitcon, 628 Louisiana St.  
Robert B. Hathaway, 1201 Tennessee St.  
George F. Barench, 921 Kentucky St.  
All of Vallejo.  
Announcement shortly.

## BIDS OPENED

SACRAMENTO, Sacramento Co., Calif.—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$7,784, with an allowance of \$50 for scrap material, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-164, for drydocking, painting, and repairing the U. S. Engineer Department 20-in. pipeline dredge, "San Joaquin."

Complete bids follow:  
Moore Dry Dock Co., Oakland—\$7,784; allowance for scrap material, \$50.50.

Bethlehem Shipbuilding Corp., Alameda—\$8,413; allowance, 50.50.  
General Engineering & Dry Dock Co., S. F.—\$8,437; allowance, \$43.

## BIDS OPENED

SAN FRANCISCO.—General Engineering & Dry Dock Co., 1100 Sansome St., San Francisco, at \$11,748.55, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-149, for drydocking, painting and repairing the U. S. Seagoing Hopper Dredge, "A. Mackenzie."

The other bids were:  
Bethlehem Shipbuilding Corp. . . . . \$12,809.50  
Moore Dry Dock Co., Oakland . . . . . 13,247.55

Preparing Plans  
HORSERACE TRACK Cost, \$250,000  
PORTLAND, Oregon. Interstate and Denver, Portland Downs.

130-acre tract with stables for 89 horses, grandstand to seat 4,000, clubhouse, paddock, detention barn, etc.

Owner—Portland Racing Assn., care architect.

Architect—Cash & Wolff, Railway Exchange Bldg., Portland.  
Harold Blake, 400 N. Thompson St., Portland, was awarded grading contract.

## BIDS OPENED

SAN FRANCISCO.—Healy-Thibbitts Constr. Co., 64 Pine St., San Francisco, at \$49,926, submitted low bid to the Public Utilities Commission, City Hall, under S. F. Bay Exposition Contract No. 3, for furnishing and installing hydraulic hoisting equipment in connection with the ferry slips now being constructed on Yerba Buena Shoals.

The work includes fabrication and furnishing of hydraulic plants, complete, for operating three passenger transfer bridges and one freight apron, and the erection and installation of same.

Union Machine Co., San Francisco, at \$22,200, submitted the only other bid.

Plans Being Figured—To Close March 15, 11 A. M.

PASSENGER TERMINAL . . . . . Cost, \$2,000,000 to \$3,000,000  
LOS ANGELES, Cal. Alameda St. bet. Also and Macy Streets.

Passenger terminal buildings, offices, administration unit, main concourse, entrance lobby, dining room, kitchen, main writing rm., concrete tower.

Owner—Santa Fe Union Pacific and Southern Pacific railroads.  
Plans by Engineering Dept. of Owners: A. J. Barclay, Construction Supt. 726 N. Alameda St., Los Angeles.

Bids are being received by the construction superintendent from the following selected list of contractors: Guy F. Atkinson Co., Russ Bldg., San Francisco; Austria Co., 777 E. Washington Blvd.; Barrett and Hilt, 918 Harrison St., San Francisco Clinton Const. Co., 1103 Spring-Arcade Bldg.; Lindgren & Swinerton, 603 W. Olympic Blvd.; Lynch-Cannon Engr. Co., 5658 Wilshire Blvd.; MacDonaid & Kahn, Financial Center Bldg., San Francisco; Robert E. McKee, Central Bldg.; J. V. McNeil Co., 5860 Avalon Blvd.; Wm. F. Neil, 4814 Loma Vista St.; K. E. Parker Co., 135 South Park, San Francisco; Pozzo Const. Co., 2403 Riverside Dr.; Wm. Simpson Const. Co., 816 W Fifth St.; Ford J. Waits Co., 816 W Fifth St.; P. J. Walker Co., 3900 Whiteside Ave.

The mechanical and electrical work has been omitted from the general contract, which does not include the mail, baggage and express buildings which are now under construction by the owners.

## BIDS WANTED

SAN BERNARDINO CO., Calif.—Until March 9, 10 a.m., as previously reported, bids will be received by the Metropolitan Water District, 206 W. Third St., Los Angeles, under Spec. No. 196, for the construction of a 69-kv. transmission line in San Bernardino county, approximately 17 miles northwest of Earp.

The work to be contracted for comprises the construction of approximately 2.2 mi. of double circuit, 3-phase steel tower transmission line between Gene and Intake pumping plants. The District will furnish copper conductors, insulators, ground wires, hardware for conductors, ground wires, and insulators, fabricated steel for towers, cement, and other miscellaneous materials as provided in the specifications.

The work involves:  
Erecting under items 1 and 2 the constant portions of towers:

- (1) 7 type S towers;
- (2) 6 type D towers;
- Erecting under items 3 and 4 8 standard legs;
- (3) 12 legs for type S towers;
- (4) 10 legs for type D towers;
- (5) 1 leg 3 ft. shorter than standard for type S tower;
- (6) 10 legs 6 ft. shorter than standard for type S tower;
- (7) 8 legs same as above for type D tower;
- (8) 4 legs 3 ft. shorter than standard for type S tower;
- (9) 1 leg 6 ft. shorter than standard for type S tower;
- (10) 4 legs same as above for type D tower;
- (11) 2 extensions 6 ft. long for one leg for type S tower;
- (12) 1 extension 12 ft. long for one leg of type S tower;
- (13) 1 extension 18 ft. long for one leg of type S tower;
- (14) 24 1/2 cu. excav. and backfill for type S tower;
- (15) 205 1/2 cu. same for type D tower;
- (16) 28 anchors setting structural steel, furnishing and placing reinforcing steel and concrete for type S tower;
- (17) 24 anchors sme for type D tower;
- (18) installing insulators and hardware for conductors for 7 type S towers;
- (19) same for 6 type D towers;
- (20) ground wire hardware for 7 type S towers;
- (21) same for 6 type D towers;
- (22) 11,145 lb. six 4.0 copper conductors;
- (23) 11,145 lb. two 1/2-in. galv. overhead ground wires;
- (24) 100 cu. yd. earth excav. for drainage and misc. purposes;



(25) 100 c.y. rock excav. for drainage and misc. purposes.

Spec. No. 196 may be obtained at Root 1007, 306 W. Third St., Los Angeles, upon payment of \$2 per set, not returnable. Certified or cashier's check for \$1500 must accompany each proposal.

F. E. Weymouth, Chief Engineer.

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**

**OAKLAND.**—John A. Roebling's Sons Co., 646 Folsom St., San Francisco, at \$1,376.90, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for furnishing 11,340 ft. of rubber-insulated, lead-covered cable.

Complete bids follow:  
John A. Roebling's Sons Co.—\$1,376.90.

Sinclair Mfg. Co.—\$1,414.73.  
General Electric Co.—\$1,455.78.  
General Electric Supply Co.—\$1,455.78.

Identical bids at \$1,437.22, submitted by Graybar Electric Co., General Cable Corp., Westinghouse Electric Co., and the Electric Corp.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-162, for furnishing 370 lbs. of diamond mesh expanded metal, f.o.b. Fort Funston:  
Consolidated Expanded Metal Co.—\$62.50 per ton.

Anchor Post Fence Co.—\$37.2 per hundred lbs.

Soule Steel Co.—\$37.2 per hundred, for delivery in 47 days; \$42.8 per hundred for delivery in 20 days.  
Gunn Carle Co.—\$40.6 per hundred lbs.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-160, for furnishing Douglas fir lumber, f.o.b. Fort Funston:  
Loop Lumber Co.—(1) \$494.49; (2) no bid; (3) \$372.29; delivery, 21 days; discount, 2% 30 days.

McDonald & Harrington, Ltd.—(1) \$361.74; (2) and (3) no bids; f.o.b. Portland; delivery, 14 days; discount, 2% 10 days, 1% 30 days.

Rolando Lumber Co.—(1) \$519.65; (2) \$180; (3) \$452.82; delivery, 30 days; discount, 2% 30 days.

Lilly & Crowley, Inc.—(1) no bid; (2) \$180; delivery in 1 day; discount, 2% 10 or 20 days.

Smith Lumber Co.—(1) \$464.55; delivery in 2-3 days; (2) \$198, delivery 1 day; will not accept Lot 2 without Lot 1; (3) \$387.43, delivery 3-4 weeks; discount, 2% 10 days.

Acme Lumber Co.—(1) \$490.32; (2 & 3) no bids; delivery, 1 day; discount, 2% 30 days.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—LeHane and Co., 1 Division St., at \$63,000 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1731, for furnishing approximately 10,000 cu. y. mixed concrete for the WPA.

**BIDS OPENED**

**BOISE PROJECT, Idaho.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 76-D, for furnishing structural steel and miscellaneous parts for alterations to the drum-gate operating mechanisms and controls at Arrow-ck Dam, Boise Project, Idaho:  
(1) Structural steel gratings, etc.;  
(2) Miscellaneous drum-gate parts.

Pekrul Iron Works, Denver—(1) no bid; (2) \$1,633; f.o.b. Denver; discount, 1%.

Berkeley Steel Constr. Co., Berkeley—(1) \$1,150; (2) no bid; f.o.b. Berkeley; 3% discount.

John W. Beam, Denver—(1) \$750, f.o.b. Peotone, Ill.; (2) \$5,000, f.o.b. Denver; (1 and 2) \$5,000, f.o.b. Denver; discount, 1/2%.

Baxter Foundry & Machine Co., Boise—(1) \$910; (2) no bid; f.o.b. Barber Junction, Idaho; 5% discount.  
Commercial Iron Works, Portland—(1) no bid; (2) \$2,168; f.o.b. Portland; net.

Worden Allen Co., Milwaukee—(1) \$840; (2) no bid; f.o.b. Milwaukee; net.

Long Beach Iron Works, Long Beach—(1) no bid; (2) \$2,265; f.o.b. Long Beach; net.

Isaacson Iron Works, Seattle—(1) \$1,650; (2) \$2,764; (1 and 2) \$4,300; f.o.b. Seattle; 1 1/2% discount.

California Steel Products Co., S. F.—(1) \$748; (2) no bid; f.o.b. San Francisco; net.

Valley Iron Works, Yakima—(1) no bid; (2) \$1,900; f.o.b. Yakima; 5% discount.

**CONTRACT AWARDED**

**OAKLAND, Alameda Co., Calif.**—Welding Service Sales, Inc., 954 Howard Street, San Francisco, at \$925, awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Proposal No. 839, for furnishing 10,000 lbs. 3/4-in. v. flat-weld electric welding electrodes.

**BIDS OPENED**

**SAN FRANCISCO.**—Smith Lumber Co., 414 and Channel Sts. at \$103.32, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-157, for furnishing 3,333 ft. b.m. Douglas fir lumber, f.o.b. Floor 3 1/2, San Francisco Waterfront.

Complete bids follow:  
Smith Lumber Co. .... \$103.32  
Acme Lumber Co. .... 106.66  
Loop Lumber Co. .... 114.66  
Rolando Lumber Co. .... 116.65  
Allen & Dettman ..... 125.32

**BIDS OPENED**

**SAN FRANCISCO.**—General Machinery & Supply Co., 1346 Folsom St., at \$173, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-156, for furnishing 1,000 ft. of wire rope, high grade, plow steel, uncoated, fibre core, f.o.b. Pier 13 1/2, S. F.

Identical bids at \$217 were submitted by John A. Roebling's Sons Co., Wickwire-Spencer Steel Co., F. E. Barnett, Habirshaw Co., E. H. Edwards, A. Leschen, and Hazard Wire Rope Co.

**CONTRACTS AWARDED**

**SAN FRANCISCO.**—Gunn, Carle & Co., 20 Potrero Ave., at \$1,050.00 for 4,000 sq. yds. of 1/2-in. flat rib metal bath and Dunham, Carigan & Havens, Kansas and Division Sts., at \$2,093.46, less discount of 1 1/2%, 10 days, for 50,000 lb. hot rolled steel channel, awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1729, for furnishing metal bath and channel steel for Zoological Gardens (WPA).

**BIDS OPENED**

**SAN FRANCISCO.**—Soule Steel Co., 1750 Army St. at \$167 per hundred, total \$182.50, for delivery in 45 days, and at \$62.25 per hundred, total \$188.40, for delivery in 18 days, discount 1 1/2%, 10 days submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-164, for furnishing 2,967 lbs.

expanded metal (20 pieces), f.o.b. Ft. Funston.  
Gunn, Carle & Co., at \$5.10 per hundred, total \$151.32, delivery in 45 days, discount 1 1/2% 10 days, submitted the only other bid.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—E. D. Swift & Co., 65 Tenth St., at \$1,415.74, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1730, for furnishing 46,000 ft. b.m. 1 common Douglas fir lumber, for the WPA.

**CONTRACT AWARDED**

**SAN DIEGO.**—Canyon Rock Co., San Diego, at \$10,750, awarded contract by the U. S. Engineer Office, Los Angeles, for furnishing coarse aggregate and sand into government mixers at the job site in the military reservation at Fort Rosecrans, San Diego, the materials to be batched for use in a concrete mixer in proportions as directed by the contracting officer. Circ. Prop. No. 255.

**CONTRACT AWARDED**

**LOS ANGELES.**—International Derrick & Equipment Co., at \$14,450, awarded contract by the Los Angeles Water & Power Commission, for furnishing structural steel switch rack, f.o.b. E. 24th St., and Velasco St., under Spec. No. 2210.

**BIDS OPENED**

**LOS ANGELES.**—Following bids received by the Los Angeles County Sanitation District No. 2, for furnishing gate valves, cast-iron pipe, victualic couplings, and cast-iron sleeves, f.o.b. Ocean Portal, Unit No. 1, Joint Outfall Sewer, as follows:

(1) Two 60-in. double disc pressure cylinder operated, iron body, Model mounted gate valves with ends shouldered for couplings, including all material and work incidental thereto;

(2) 190 ft. (net) Class A, 61-in. cast-iron pipe, with special inside caulked joints and nipples;

(3) Four 60-in. malleable iron victualic couplings, or equal, for 62.8-in. O.D. shouldered cast-iron pipe, etc.;

(4) Two special cast-iron sleeve connections for 60-in. pipe, including bolts, nuts, follower rings, rubber gaskets, and all material, etc.

Crane Co.—(1) \$5,800 each; total, \$7,600; delivery, 90 to 120 days; discount, 2% 30 days.

Ducumnon Metals & Supply Co.—(3) \$10,711 each; total, \$42,846; delivery, 2 to 4 weeks.

Koppers Co. (Western Gas Division)—(1) \$7,000 each; total, \$10,000; delivery, 120 days.

Rensselaer Valve Co.—(1) \$1,925 each; total, \$9,850.

Ludlow Valve Mfg. Co.—(1) \$3,861 each; total, \$7,722. Use tax not included; net; delivery, 75 days after receipt of order.

U. S. Forge & Foundry Co.—Combination bid for all four items, \$20,800, using Pittsburgh valves; delivery, 90 days after receipt of order. Alternate bid, using Rensselaer valves, \$19,670. 20

**BIDS OPENED**

**LOS ANGELES.**—McCormick Supply Co., at \$5,292, awarded contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, for furnishing 300,000 ft. b.m. 65-in. tunnel timber f.o.b. mill. The other bids were:  
Globe Lumber Co.—\$6,762  
J. A. Irem Co. (George F. Wells, agent)—\$6,900  
Bid No. 77650.

**CONTRACTS AWARDED**

**LOS ANGELES, Calif.**—(1) by a Portland Cement Co. was awarded contract by the Los Angeles...

supervisors at \$25,440 for furnishing 12,000 barrels of portland cement to be used in the construction of the outlet works at San Gabriel Dam No. 1. Monolith Portland Cement Co. awarded the contract at \$65,148 for furnishing 30,000 barrels portland cement to be used in the construction of the spillway at the San Gabriel Dam No. 1.

#### BIDS OPENED

**SAN FRANCISCO**—Severin Electric Co., 172 Clara St., at \$260, submitted low bid to H. Krenkel, Supply Officer, Marine Hospital, for furnishing and installing a motor, including all necessary equipment, on a vacuum pump in Building No. 1, the main hospital building, 14th Ave. and Lake Streets, San Francisco. Thornberg, Electrical Works, at \$273.85, submitted the only other bid.

#### BIDS OPENED

**SAN FRANCISCO**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1734, for furnishing: (1) 10,000 ft. 1-in. water hose; and (2) 1,000 ft. 3/4-in. water hose, for the Golden Gate Park:

Baker, Hamilton & Pacific Co.—(1) \$0.1896; (2) \$0.1956.  
U. S. Rubber Products, Inc.—(1) \$0.2152; (2) \$0.1571.  
L. P. Degan Belting Co.—(1) \$0.2025; (2) \$0.1498.  
Pioneer Rubber Mills—(1) \$0.1598; (2) \$0.105.  
Goodyear Tire & Rubber Co.—(1) \$0.214; (2) \$0.1671.  
Hercules Equipment & Rubber Co.—(1) \$0.2225; (2) \$0.1625.  
Quaker City Rubber Co.—(1) \$0.1944; (2) \$0.15.

#### BIDS OPENED

**SAN FRANCISCO**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 568-37-157, for furnishing Douglas fir timbers, for Fort Funston:

(1) Rolando Lumber Co.: (1) \$876.80; (2) \$97.92; delivery before Feb. 25; discount, 2% 10 days.  
Loop Lumber Co.: (1) \$598.96; (2) \$84.96; delivery, 10-14 days; 2% 30 days.  
Smith Lumber Co.: (1) \$637.48; (2) \$46.40; delivery 3 weeks; 2% 10 days; will not accept Lot 2 without Lot 1.  
McDonald & Harrington, Ltd.: (1) \$370.36; (2) \$46.08; for Seghers, Oregon; delivery 15 days; discount, 2% 10 days; 1% 20 days.

#### BIDS OPENED

**SAN FRANCISCO**—M. L. Snyder & Son, 149 Second St., at \$50.70 submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 568-37-158, for furnishing ten foam type fire extinguishers, 2 1/2 gallon size, with relief valve; for U. S. dredge "Kingman", Pier 20. The other bids were:  
California Fire Extinguishers Co., \$89.10.  
Identical bids at \$90 submitted by Hough & Ebbert, Inc., Pacific Fire Extinguisher Co., America-La France & Foamite Co., and the Pyrene Mfg. Company.

#### BIDS OPENED

**SAN FRANCISCO**—The Federation Metals Corp., 75 Folsom Street, at \$322.70 submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 568-37-171, for furnishing 5,000 lbs. of lead pigs, for Rio Vista.  
The other bids were:  
Bunker Hill Smelter Sales Agency, San Francisco, \$335.  
John Finn Metal Works, San Francisco, \$392.50.

#### BIDS OPENED

**OAKLAND**—General Electric Supply Co., at \$2,101.40, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for furnishing luminaries for the Street Department.  
Complete bids follow:  
General Electric Supply Co., \$2,101.40  
Taper Tube Pole Co., \$2,111.40  
General Electric Co., 2,111.40  
Westinghouse Electric Supply Co., 2,121.12

#### CONTRACT AWARDED

**MODESTO**, Stanislaus Co., Calif.—Modesto Electric Co., 913 1/2 St., Modesto, at \$1,030.60, awarded contract by the Modesto City Council, H. E. Gragg, City Clerk, for furnishing equipment to be used in lighting the Municipal Airport.

Complete bids follow:  
Incandescent Supply Co., \$982.38  
Modesto Electric Co., 1030.60  
General Electric Supply Co., 1030.60  
Westinghouse Electric Co., 1074.32  
Linstenwater & Gough, 1123.30

#### CONTRACT AWARDED

**BONNEVILLE PROJECT**, Ore.—U. S. Rubber Products, 1435 Northwest 6th Ave., Portland, at \$13,507.78, awarded contract by the U. S. Engineer Office, Portland, under Proposal No. 175, for furnishing lead-covered cable for the Bonneville Project.

#### BIDS OPENED

**LOS ANGELES**, Cal.—Stuart Oxygen Co. submitted low bid to the U. S. Engineer Office, Los Angeles, at \$1204 for furnishing (1) 30,000 cu. ft. acetylene gas and (2) 50,000 cu. ft. oxygen for period ending June 30, 1937, under Circ. Prop. No. 263.  
The complete bids were:  
Stuart Oxygen Co.: (1) \$2.20; (2) \$94; total, \$1157.  
Linde Air Products Co. and Air Reduction Sales Co., identical bids at (1) \$2.38; (2) \$98; total, \$1204.  
Home Oxygen Co., Inc.: (1) \$2.55; (2) \$110; total, \$1315.  
National Cylinder Gas Co.: (1) \$2.65; (2) \$1.20; total, \$1395.

#### BIDS OPENED

**SAN DIEGO**—H. G. Fenton Materials Co., 124 National Ave., San Diego, submitted low bid to the San Diego City Purchasing Agent, at \$145.10; total, \$2591.22, for furnishing 1735 tons quarry strippings f.o.b. extension of Pacific Highway bet. Market St. and the Ferry Landing.  
R. E. Hazard & Sons submitted the only other bid at \$150.10; total, \$3037.98.

#### BIDS OPENED

**LOS ANGELES**—Bethlehem Fab-

ricators, Inc., Bethlehem, Pa., submitted low bid to the U. S. Engineer Office, Los Angeles, at \$7c lb. (total, \$62,300), for furnishing 890,000 lbs. fabricated steel and other metal work incidental to the superstructure of the Alameda St. bridge over Compton Creek and Circ. Prop. No. 262. The other bids were:

Western Pipe & Steel Co.—\$0.0738 lb.; total, \$65,682.  
Minneapolis-Moline Power Implementation Co.—\$0.0797; total, \$70,933, shipped from Minneapolis on government bill of lading;  
Consolidated Steel Corp.—\$0.0353 lb.; total, \$74,315.

#### BIDS OPENED

**LOS ANGELES**—Bids for furnishing black steel pipe, lap welded, f.o.b. shipping, via rail shipment. Bid No. 77697, were opened by S. A. Joseph, purchasing agent, Metropolitan Water District, Los Angeles. The bids were taken as follows:  
(1) 800 ft. 8-in. O.D.;  
(2) 800 ft. 15-in. O.D. x 7/16-in. wall; (3) 1500 ft. 15-in. O.D. x 3/4-in. wall.  
Alternate bid for electric-fusion welded steel pipe.

The bids were:  
M. O. Haldeman Corp.—(1) \$350.38 per c. ft.; (2) \$407.54; (3) \$464.19; total bid, \$13,026.21. Mill value: (1) \$267.90, (2) \$311.60, (3) \$354.92; 2% cash discount on mill value.  
Oil Well Supply Co.—Submitted bid without check but referred to check with previous rejected bid No. 77469—question of regularity of bid taken under advisement—prices same as above. Discount, 2% 30 days. Use tax \$298.79. F.o.b. cars shipping.  
Grinnell Co. of the Pacific—Same prices. Discount 2% 30 days. Use tax \$298.79.

National Supply Co. of Delaware, 1524 Border St., Torrance—Same prices. Discount, \$199.15, 10 days. Use tax, \$298.72.  
Emco-Derpak & Equipment Co.—No bids Schedule 1. Schedule 2: (1) \$28, (2) \$376, (3) \$415. No cash discount. Sales tax, \$355.71.  
Southwest Welding & Mfg. Co., Inc.—No bids Schedule 1. Schedule 2: (1) \$332, (2) \$385, (3) \$437. Net 30 days; 3% sales tax.

#### CONTRACT AWARDED

**SAN DIEGO**—W. J. Bailey Co., 708 G St., San Diego, at \$3,821.30, awarded contract by the San Diego city council for furnishing 7000 sacks of portland cement. The other bids were:  
H. G. Fenton and Squires Belt Co. submitted identical bids at \$4001.53.  
Patten-Blinn Lumber Co.—\$4200.  
The bids were opened Feb. 10.

## Universal Form Clamp Co.

INCORPORATED

MANUFACTURERS AND ENGINEERS

### FORM CLAMPING DEVICES AND ACCESSORIES FOR CONCRETE CONSTRUCTION

UNI-FORM PANEL FORMS REINERT AND SOLD

Spl.-Ro.-Loc Clamps	Collapsible Insert	Beam Wrapping
Threaded Rods	Beam Clamps	Anchor Slat
Cone Nut Couplings	Metal Cleats	Brick Anchors
Hex Nut Couplings	Wire Beam Saddles	Stone Anchors
Paper Tubing	Band Iron Hangers	Slotted Inserts
Spreader Cones	Joint Supports	Screened Chairs
	Strip Metal Hangers	

REINFORCING ACCESSORIES FOR STRUCTURES AND ROADS

### PACIFIC COAST DIVISION

OFFICE AND FACTORY

UNderhill 8688

130 Hooper Street



were opened by the Bureau of Reclamation, Federal Bldg., Yuma, R. E. Williams, Construction Engineer, under Spec. No. 708. Low bid on each schedule follows:

**Schedule 1—Pleasant Hasler Constr. Co., 324 Luhrs Bldg., Phoenix—\$205,420** (Drop and power plant substructure at Drop No. 2, Station 2177 plus 90, All-American Canal).

**Schedule 2—Pleasant Hasler Constr. Co.—\$205,476.50** (Drop and power plant substructure at Drop No. 3, All-American Canal, Station 2470 plus 31.5).

**Schedule 3—Kernan & Klug, Ontario, Ore.—\$239,401.80** (Drop and power plant substructure at Drop No. 4, All-American Canal, Station 2755 plus 12).

**Schedule 4—Kernan & Klug—\$159,529.50** (Drop, power plant substructure, and turnout of New Briar canal at Drop No. 5, All-American Canal, Station 2323 plus 05.75).

Complete bids will be published shortly.

February 15, 1937.

#### TO ASK BIDS

**YAKIMA PROJECT, Wash.**—The Bureau of Reclamation, Denver, has announced that a call for bids will be issued shortly for construction of 6.5 miles of the Roza Canal in Terrace Heights and Moxee Districts, Yakima Project.

C. E. Crowmover, project manager.

### 25—MACHINERY AND EQUIPMENT

#### BIDS OPENED

**LOS ANGELES**—Bids for furnishing four 24-in. butterfly valves under Spec. No. 191 were opened by the Metropolitan Water District, Los Angeles, Feb. 11th. The bids were:

King Machine & Mfg. Co., 1171 E. 32nd St., Los Angeles—\$93.35 each; total, \$373.40; use tax, \$75.20; shipping weight, 2000 lbs. each; f.o.b. Los Angeles; discount, 27 3/40 days.

Consolidated Steel Corp., Ltd., P.O. Box 1248, Arcade Station, Los Angeles—\$1160 each; total, \$4640; no use tax; shipping weight, 1675 lbs. each; f.o.b. 5700 S. Eastern Ave., Los Angeles; net.

Joshua Hedy Iron Works, 206 Sansome St., San Francisco—\$885.50 ea.; total, \$3555; no use tax; shipping weight, 2075 lbs. total; f.o.b. Sunnyvale, Calif.; net.

Davis Regulator Co., 2541 S. Wash-tenaw Ave., Chicago, Ill.—\$3000 ea.; total \$12,000; use tax not stated; shipping weight, 2500 lbs. each; f.o.b. Chicago, Ill.; discount, 17 1/20 days.

L. A. Valve & Fitting Co., 1650 N. Indiana Ave., Los Angeles—\$501.50 ea.; total, \$2006; no use tax; shipping weight, 1750 lbs. ea.; f.o.b. Los Angeles; net.

Rich Manufacturing Co., 3851 Santa Fe Ave.—\$793 ea.; total, \$3172; use tax, \$95.16; shipping weight, 3759 lbs. ea.; f.o.b. Los Angeles; 27 3/40 days.

#### BIDS OPENED

**LOS ANGELES**—Bids for furnishing five 9x9-ft. hydraulically operated cast-iron head gates, with frames, guides, etc., for installation at the upper end of the steel delivery pipe lines from the Colorado River Aqueduct Pumping Plants, Spec 188, were opened by the Metropolitan Water District, Los Angeles, Feb. 16. The bids were:

Consolidated Steel Corp., Ltd., Los Angeles—1 1/2 gates; f.o.b. Los Angeles, \$226,600. No use tax. Shipping weight, each gate, 210,000 lbs. Heaviest piece, 46,000 lbs. No discount; (2) services of erecting engineer, \$25 per day.

Hardie-Times Mfg. Co., P.O. Box 1392, Birmingham, Ala.—(1) 5 gates,

f.o.b. Birmingham, \$246,000. Use tax, \$7580; total, \$253,380. Shipping wt., each gate, 210,000 lbs. Heaviest piece, 44,260 lbs. No discount; (2) \$25 per day.

Koppers Co. (Bartlett Hayward Division), Baltimore, Md.—(1) 5 gates, f.o.b. Baltimore, \$258,800. Use tax, \$7764; total, \$266,564. Shipping weight, 221,450 lbs. Heaviest piece, 46,100 lbs. No discount; (2) \$30 per day. Use tax will be collected by the bidder.

#### PURCHASE PLANNED

**LODI, San Joaquin Co., Calif.**—City Council has authorized City Clerk John F. Blakely to purchase equipment, including a concrete mixer estimated to cost \$1,500, and air compressor to cost \$2,450, concrete vibrator to cost \$450, 1 1/2-ton dump truck, and one pick-up—total, \$4,900. City Engineer Clinton Henning has also recommended the purchase of a motor-driven street broom to cost \$1,550, a street oiler to cost \$2,250, a scarifier to cost \$425, a 4-yd. 2-ton dump truck to cost \$2,450, and one more 1 1/2-ton dump truck and one pick-up truck.

#### CONTRACT AWARDED

**SALT RIVER PROJECT, Ariz.**—Consolidated Steel Corp., Ltd., Los Angeles, at \$53,211.83 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 894-D for furnishing three 6x7 6-in. high-pressure assemblies for installation in the slide-gate outlets at the Bartlett Dam, Salt River Project, Ariz.

#### SUB-BIDS WANTED

**DAVIS, Yolo Co., Calif.**—Azevedo Const. Co., 920 "O" St., Sacramento, desires sub-bids on all portions of the work for the construction of the gym and pool, University Farm, Davis, for which bids will be opened February 24, 11 A. M.

Plans prepared by Architect Wm. Hays, San Francisco. Mechanical Engineer, T. James, University of Calif., Structural Engineer, W. L. Hurr, San Francisco.

**HUMBOLDT CO., Calif.**—W. Hess, Weott, at \$450 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, Fourth St., San Francisco, under Bid No. 3260, for the rental of one crawler type tractor, 40 to 60 hp., equipped with angle dozer, for use on WPA projects, f.o.b. Monument Rd., 2 mi. west of Wildwood, Humboldt County.

Complete bids follow:

W. Hess, Weott—\$450, net.  
John Burman & Son, Eureka—\$5; discount, 75, 20 days.

Paul Teihl, San Francisco—\$5; discount, 37, 20 days; 2%, 30 days.  
Guerrin Bros., San Francisco—\$6.  
W. E. Gilmore & Sons, Klamath Falls—\$6.75

#### BIDS OPENED

**SAN FRANCISCO**—Lerer Bros., 375 11th St., San Francisco, at \$114 per month, submitted low bid to the Procurement Office, Treasury Dept., Room 514, Fourth St., San Francisco, under Bid No. 3374, for the rental of one 3 1/2-ton flat bed truck for use on WPA projects, f.o.b. San Francisco.

Evans Auto & Truck Rental, at \$129, submitted the only other bid.

#### BIDS OPENED

**SHASTA CO., Calif.**—Alexander Bros., 9233 Thermal, Oakland, at \$89.49 per month, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3374, for the rental of one 1 1/2-ton stake side, steel bed truck, for use on WPA projects, f.o.b. Redding, Shasta Co.

Complete Bids follow:

Alexander Bros., Oakland—\$89.49.  
Bruno Skibo, Oakland—\$95.95; discount, 2 1/2%, 20 days.  
Wm. Motta—\$99.99.  
Evans Auto & Truck Rental—\$117.

#### BIDS OPENED

**SAN FRANCISCO**—Lerer Bros., 375 11th St., San Francisco, at \$93.44 per month, discount 2% 20 days, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3373, for the rental of one 3-ton, 12-ft. flat bed truck for use on WPA projects, f.o.b. San Francisco.

The other bids were:

Evans Auto & Truck Rental—\$139.  
Portland Truck Service—\$143.

#### BIDS OPENED

**SAN FRANCISCO**—Lerer Bros., 375 11th St., San Francisco, at \$79.44 per month, discount 2% 20 days, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3372, for the rental of one 1 1/2-ton flat bed truck for use on WPA projects, f.o.b. San Francisco.

Complete bids follow:  
Lerer Bros., S. F.—\$79.44; discount, 2%, 20 days.

Evans Auto & Truck Rental, S. F.—\$92.50; net.

Alexander Bros., Oakland—\$93.49.

Bruno Skibo, Oakland—\$95.95; discount, 2 1/2%, 20 days.

Harvey L. Harris, S. F.—\$97.90; discount, 1/2%, 20 days.

Hayward Bldg. Materials Co., Hayward—\$100.

Portland Truck Service, S. F.—\$113; net.

P & H Constr. Co., Oakland—\$175; net.

#### BIDS OPENED

**SACRAMENTO**—D. McDonald, 204 23rd St., Sacramento, at \$5.50 per hour, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento, under Bid No. 6570-37-15, for the rental of four grading units required for grading purposes at the Army Air Corps Storage Depot, near North Sacramento.

Each unit is to consist of one tractor, not less than 75-hp. crawler type, with one 12-yd. scraper "carry-all" type, with all necessary operating personnel.

Complete bids follow:

D. McDonald, Sacramento—\$5.50 per hour; value of equipment, \$61,198.

C. A. Baker, Sacramento—\$7.90; value, \$14,285.

Bay Equipment Co., S. F.—\$7.90; value, \$42,500.

C. Manke, Sacramento—\$8.50; value, \$14,540.

Peter L. Ferry Co., Glendale—\$8.70; value, \$32,000.

H. B. Landis Co., S. F.—\$8.90; value, \$54,900.

Peter J. McHugh, S. F.—\$9.93; value, \$52,200.

Hanrahan Co., S. F.—\$10.87; no value given.

**SAN FRANCISCO—SUNSET MAINS—(City)**

SAN FRANCISCO—M. J. Lynch, Oakland and Barneveld Avenues, at \$8,472.27 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,001, for construction of the Sunset District extension to the auxiliary water supply system for fire protection, Section B, a PWA project.

The work involves:

**Cast Iron Pipe and Special Casting in Place**

- (1) 1115 lin. ft. 12-in. Cl. "G" Bell and Spigot, plain.
- (2) 120 lin. ft. 12-in. Cl. "G" Bell and Spigot, lugged.
- (3) 44 lin. ft. 8-in. Cl. "G" Bell and Spigot, lugged.

NOTE: Items 1, 2, 3 cast iron pipe and part of the special castings will be furnished by the CITY. Such special castings as the City does not have in stock shall be furnished by the contractor as hereinafter called for.

- (4) 2 each 10-in. gate valves, furnished, tested and delivered.
- (5) 4 each 8-in. gate valves, furnished, tested and delivered.
- (6) 4 each Std. H. P. hydrants furnished, tested and delivered.

NOTE: Items 4, 5 and 6 shall all be furnished by the contractor.

- (7) 2 10-in. gate valves in place.
- (8) 4 8-in. gate valves in place.
- (9) 4 Std. H. P. hydrants in place.

NOTE: Items 7, 8 and 9—all valves and hydrants shall be furnished by the contractor under Items 4, 5 and 6.

- (10) 4895 lbs. pig lead furnished, and delivered.
- (11) 5210 lbs. cast steel special castings, furnished and delivered.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 2.10	\$ 1.60	\$ 1.40	\$ 2.165	\$ 1.65	\$ 2.00	\$ 1.00	\$ .94	\$ 2.25
(2).....	3.00	1.00	2.00	2.365	1.50	2.00	2.00	1.43	3.00
(3).....	5.00	1.00	4.00	2.00	2.50	2.00	3.00	3.55	4.00
(4).....	259.00	265.50	265.00	258.00	300.00	270.00	300.00	519.00	275.00
(5).....	150.00	153.00	155.00	150.00	200.00	180.00	180.00	301.50	165.00
(6).....	250.00	257.50	260.00	250.00	300.00	275.00	300.00	505.00	265.00
(7).....	10.00	25.00	20.00	30.00	50.00	20.00	40.00	20.00	25.00
(8).....	10.00	25.00	15.00	20.00	25.00	20.00	40.00	10.00	20.00
(9).....	20.00	37.50	21.00	20.00	50.00	25.00	40.00	20.00	25.00
(10).....	.05	.10	.07	.065	.07	.07	.08	.0615	.09
(11).....	.18	.25	.21	.05	.10	.10	.125	.10	.11
(12).....	.19	.13	.11	.15	.10	.10	.125	.10	.11
(13).....	.10	.12	.11	.09	.085	.10	.11	.085	.10
(14).....	.09	.20	.16	.14	.15	.15	.25	.15	.12
(15).....	.05	.10	.10	.05	.08	.10	.10	.10	.10
(16).....	10.00	15.00	20.00	10.00	25.00	15.00	40.00	30.00	12.50
(17).....	1.00	2.00	1.70	3.50	2.50	3.00	3.00	2.65	3.40
(18).....	.20	.30	.23	.18	.26	.30	.28	.23	.25
(19).....	.14	.25	.16	.15	.25	.20	.25	.25	.20
(20).....	2.00	2.50	2.00	1.00	2.50	2.00	3.00	2.00	3.00

**SAN FRANCISCO—PENNSYLVANIA AVE. IMPR.—(City)**

SAN FRANCISCO—Fay Improvement Co., 760 Market St., San Francisco, at \$3,271.80, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,013, for the reconstruction of the pavement on Pennsylvania Ave., bet. 18th and 19th Streets.

The work involves:

- (1) 50 lf. resetting curbs;
- (2) 20 lf. new granite curb, in place;
- (3) 8000 sq. ft. 6-in. Class E concrete pavement, center strip;
- (4) 20 tons asphaltic concrete binder, in place;
- (5) 15,600 sq. ft. remove existing pavement as directed and replace with asphaltic concrete

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$0.75	\$0.50	\$0.40	\$0.50	\$1.00	\$ .50	\$0.50
(2).....	2.00	2.00	3.00	2.00	2.00	2.00	2.00
(3).....	217	24	23	217	27	27	27
(4).....	5.00	5.00	4.50	4.20	5.00	4.75	5.50
(5).....	.053	.057	.065	.08	.08	.08	.065
(6).....	.26	.25	.25	.26	.24	.27	.24
(7).....	5.00	6.00	5.00	1.20	5.00	6.00	6.00
(8).....	.08	.10	.25	.15	.12	.20	.10

- (12) 1430 lbs. cast iron special castings, furnished and delivered.
- (13) 1464 lbs. manhole, valve box, cast iron frames, covers and dust pans, furnished & placed.
- (14) 4415 lbs. Wrought iron bolts, nuts, washers and the rods, furnished and placed.
- (15) 87 lbs. reinforcing steel furnished and placed.
- (16) 6 cu. yds. Class "B" concrete in delivered.
- (17) 693 cu. yds. excavation and backfilling.
- (18) 3284 sq. ft. asphaltic concrete pavement (2-in.-6-in. Class "F" concrete).
- (19) 38 sq. ft. concrete sidewalk, two course
- (20) 3 cu. yds. crushed rock, furnished and placed.

NOTE: Items 10 to 20 inclusive, all materials shall be furnished by the contractor.

Total bids follow:

- (A) M. J. Lynch, San Francisco, \$8,472.27.
- (B) Percy L. Burr, San Francisco, \$8,832.48.
- (C) Pacific States Const. Co., San Francisco, \$8,856.69.
- (D) E. J. Treacy, San Francisco, \$9,650.97.
- (E) Robert B. McNair, Oakland, \$10,240.59.
- (F) Martin Murphy, Berkeley, \$10,571.10.
- (G) Mills Const. Co., San Francisco, \$10,705.16.
- (H) Alta Elec. & Mech. Co., Inc., San Francisco, \$11,437.67.
- (I) Lowrie Paving Co., San Francisco, \$11,558.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 2.10	\$ 1.60	\$ 1.40	\$ 2.165	\$ 1.65	\$ 2.00	\$ 1.00	\$ .94	\$ 2.25
(2).....	3.00	1.00	2.00	2.365	1.50	2.00	2.00	1.43	3.00
(3).....	5.00	1.00	4.00	2.00	2.50	2.00	3.00	3.55	4.00
(4).....	259.00	265.50	265.00	258.00	300.00	270.00	300.00	519.00	275.00
(5).....	150.00	153.00	155.00	150.00	200.00	180.00	180.00	301.50	165.00
(6).....	250.00	257.50	260.00	250.00	300.00	275.00	300.00	505.00	265.00
(7).....	10.00	25.00	20.00	30.00	50.00	20.00	40.00	20.00	25.00
(8).....	10.00	25.00	15.00	20.00	25.00	20.00	40.00	10.00	20.00
(9).....	20.00	37.50	21.00	20.00	50.00	25.00	40.00	20.00	25.00
(10).....	.05	.10	.07	.065	.07	.07	.08	.0615	.09
(11).....	.18	.25	.21	.05	.10	.10	.125	.10	.11
(12).....	.19	.13	.11	.15	.10	.10	.125	.10	.11
(13).....	.10	.12	.11	.09	.085	.10	.11	.085	.10
(14).....	.09	.20	.16	.14	.15	.15	.25	.15	.12
(15).....	.05	.10	.10	.05	.08	.10	.10	.10	.10
(16).....	10.00	15.00	20.00	10.00	25.00	15.00	40.00	30.00	12.50
(17).....	1.00	2.00	1.70	3.50	2.50	3.00	3.00	2.65	3.40
(18).....	.20	.30	.23	.18	.26	.30	.28	.23	.25
(19).....	.14	.25	.16	.15	.25	.20	.25	.25	.20
(20).....	2.00	2.50	2.00	1.00	2.50	2.00	3.00	2.00	3.00

**BIDS OPENED**

SAN FRANCISCO—W. H. Cowen, at \$119 per month each, for air compressors, and P. B. Hackley Equipment Co., at \$350 per month for a concrete gun, submitted low bids and awarded contracts by the Construction Quartermaster, Fort Mason, under Bid No. W 6616-37-60, for the rental of one 6-in. pneumatic concrete gun, 1/2-cy. capacity, and two portable compressors, gasoline engine powered, with a combined output of not less than 500 cu. ft. of air per min., L.o.h. West Portal, Baker-Barry Tunnel, Fort Baker.

Complete bids follow:

**Concrete Gun**  
P. B. Hackley Equip. Co.—\$350 per month.

**Air Compressors**

- W. H. Cowen—\$149 per month.
- Leitch & Co.—\$119 per month.
- Edward R. Bacon Co.—\$250 per mo.
- Sam. Bates Co., Oakland—One at \$22 per month, and one at \$378 per month.
- Western Machinery Co.—One at \$378 per month, and one at \$252 per month.
- Bay Equipment Co.—\$500, total for two.
- Rix Co.—\$500

**29—STREETS AND HIGHWAYS**

**CONTRACT AWARDED**

TORRANCE, Los Angeles Co., Cal.—George R. Curtis Paving Co., 2149 E. 26th St., Los Angeles, at \$9,283 awarded contract by the Torrance city council for Unit A (paving) only in connection with the improvement of Narbonne Ave. from the southerly line of Sepulveda Blvd. to the southerly line of 240th St., about one mile in length. All bids on Unit B (sidewalks) were rejected and the work will be done by force account.

**BIDS WANTED**

SACRAMENTO, Sacramento Co., Calif.—Until Feb. 25, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of Folsom Blvd. from 53rd St. to 67th St.

Plans and specifications obtainable from the office of the City Clerk, Room 205, City Hall.

**BIDS OPENED**

SANTA MARIA, Santa Barbara Co., Cal. Hare, J. E. for P. B. Hackley Equip. Co., at \$20,847.73 awarded low bid to the Santa Maria city council for improving El Camino St. and portions of other streets.

**The work involves:**

- (1) 22,000 sq. ft. 4-in. gutter 18-in. deep.
- (2) 22,000 sq. ft. 6-in. concrete gutter 18-in. deep, with curb.
- (3) 11,000 sq. ft. 4-in. concrete gutter 18-in. deep.
- (4) 11,000 sq. ft. concrete driveway 18-in. deep.
- (5) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.
- (6) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.
- (7) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.
- (8) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.
- (9) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.
- (10) 20,000 sq. ft. 6-in. to 8-in. concrete pavement, including 1,000 sq. ft. concrete curb, 18-in. deep, 6-in. wide.

Complete bids follow:  
P. B. Hackley Equip. Co., \$20,847.73.  
W. H. Cowen, \$149 per month.  
Leitch & Co., \$119 per month.  
Edward R. Bacon Co., \$250 per month.  
Sam. Bates Co., Oakland, \$22 per month and \$378 per month.  
Western Machinery Co., \$378 per month and \$252 per month.  
Bay Equipment Co., \$500, total for two.  
Rix Co., \$500.

(A)	1.17	5.22	5.53	8.19	5.22	8.10	8.19
(B)	.. 18	235	50	17	22	15	225
(C)	.. 18	22	50	20	22	10	25
(D)	.. 18	35	51	15	20	10	2725
(E)	.. 22	27	48	22	25	15	25
(F)	.. 19	24	58	18	22	40	23
(G)	.. 19	30	56	27	35	40	26

York Petersen, city engineer.

#### BIDS OPENED

CLARK CO., Nev.—Olof Nelson, Logan, Utah, at \$372,723.25, submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for lake construction of a portion of the highway system in Clark County, from Las Vegas to a point approximately three miles southwest of Apex, Route 6, Sections D2 and D1, a length of approximately 11.6 miles.

Dodge Contracting Co., Inc., Fallon, Nev., was second low bidder at \$376,112.30. Bids taken under advisement. Complete bids will be published shortly.

#### BIDS OPENED

LINCOLN CO., Nev.—C. F. Fredericksen & Son, Ltd., Calif., at \$237,968.69, submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the highway system in Lincoln County, from the State, approximately 0.3 mi. north of Caliente to a point approximately one mile north of Panaca Junction, Route 7, Section C, a length of approximately 14.32 miles.

Utah Constr. Co., Ogden, Utah, second low bidder at \$256,230.14.

Bids taken under advisement. Complete bids will be published shortly.

#### BIDS WANTED

SAN JOAQUIN & Stanislaus Cos., Cal.—Until March 10, 2 P. M., bids will be received by the State, Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 4 1/2 miles grading and applying road-mix surface treatment in San Joaquin and Stanislaus Counties, between Verdugo and Gates Road.

The work involves:

- (1) 243 sta. clear and grub right of way;
- (2) 950 M. gals. water;
- (3) 29,000 c.y. rdwy. excav., unclass.
- (4) 13,500 sta. yds. overhaul;
- (5) 26,000 cu y. imported borrow;
- (6) 1,679 cu y. struc. excav.;
- (7) 243 sta. finishing rdwy.;
- (8) 58 tons liquid asph. SC-2 (prime coat);
- (9) 700 tons liquid asphalt SC-4;
- (10) 56,000 sq. yds. preparing, mixing and shaping roadbed;
- (11) 1,800 lbs. 1/2-in. steel;
- (12) 68 cu yds. Class A portland cement concrete (struc.);
- (13) 5 cu yds. existing concrete removed and disposed of;
- (14) 248 lf. 18-in. CMP;
- (15) 466 lf. 24-in. CMP;
- (16) 359 lf. 24-in. CMP siphon;
- (17) 86 lf. 30-in. CMP siphon;
- (18) 352 lf. 36-in. CMP siphon;
- (19) 10 lf. existing culverts removed and relaid;
- (20) 216 lf. existing culverts removed and salvaged;
- (21) 17 each 24-in. concrete joints siphon;
- (22) 1 each 30-in. do;
- (23) 15 each 36-in. do;
- (24) 1 each automatic drainage gate;
- (25) 12 each culvert markers;
- (26) 2 1/2 miles new property fence;
- (27) 600 mi. existing fences moved and reset;
- (28) 13 each drive gates;
- (29) 53 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1999, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton.

#### CONTRACT AWARDED

SEBASTOPOL, Sonoma Co., Calif.—Weyhe & Rickman, Santa Rosa, at \$2,766.98, submitted low bid and awarded contract by the Sebastopol City Council, F. G. McFarlane, City Clerk, for the improvement of State Highway Route 104, Section D (Healdsburg Ave.).

Complete bids follow:

Weyhe & Rickman, Santa Rosa	\$2,766.98
Helwig Constr. Co., Sebastopol	3,372.66
J. V. Galbraith, Santa Rosa	3,613.94

Plans prepared by City Engineer Walter F. Adams, 1303 College Ave., Santa Rosa.

#### BIDS WANTED

LOS ANGELES—Until March 17, 10 a.m., bids will be received by the Los Angeles Board of Public Works, City Hall, for grading, paving, and otherwise improving Vignes Street, between 130 ft. north of Bauchet St. and Clara St.

#### UNIT BID LISTING

LAS VEGAS, Nevada—Bebek & Brkich, 427 West 78th St., Los Angeles, at \$8,090, as reported, submitted low bid and awarded contract by the Las Vegas City Council, for street improvement, a PWA project.

- The work involves:
- (1) 92,000 sq. ft. finish grading;
  - (2) 46,000 l.f. concrete curb and gutter;
  - (3) 12,000 cu y. graded gravel or crushed stone surface;
  - (4) 260,000 gals. furnish and spread SC-2 road oil for No. 3;
  - (5) 130,000 sq. yds. mix and compact finish surface.

Total bids follow:

(A) Bebek & Brkich, Los Angeles	\$8,090
(B) Pacific Constr. Co., San Francisco	69,760
(C) J. C. Compton, McMinville, Ore.	72,330

Unit bids follow	(A)	(B)	(C)
(1)	\$0.02	\$0.02	\$0.03
(2)	.. 55	.. 72	.. 72
(3)	.. 1.10	.. 95	.. 125
(4)	.. .06	.. 065	.. 05
(5)	.. 095	.. 05	.. 065

#### BIDS WANTED

TEHAMA Co., Calif.—Until March 2, 1937, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for placing bituminous treated crushed rock surfacing on 4,675 miles of Section D of the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama County.

The principal items of work involved are:

- (1) 20 cu y. unclass. excav. for struts;
- (2) 8,775 tons bituminous treated crushed rock;
- (3) 150 tons supplemental crushed rock;
- (4) 2,800 tons crushed rock for shoulders and base course;
- (5) 540 tons crushed rock for screenings;
- (6) 14 cu y. concrete;
- (7) 200 M. gals. watering;
- (8) 537 tons liquid asphalt materials, Types MC-4 or 5, RC-2, and SC-2.

Plans and specifications obtainable from the above office.

The project should be inspected prior to November 15, as the roads may be closed by snow after that date.

#### BIDS OPENED

PHOENIX, Ariz.—W. E. Hall Co., Title & Trust Bldg., Phoenix, at \$43,779, submitted low bid to the Phoenix City Commission for paving portions of Dayton St., Monte Vista Road, Coronada Road, Almira Road, and Mitchell St.

The other bids were: Arizona Sand & Rock Co.—\$43,816. Tanner Constr. Co.—\$44,194.

#### NOTICE TO BIDDERS

SAN DIEGO CO., Calif.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Los Angeles on March 4, 1937:

XI-S.D.-2-D—Bet. Las Flores Underpass and one mile south of San Onofre. PLANS (No. of Sheets), 40; cost, \$4.00; CROSS-SECTIONS (No. of Sheets), 152; cost, \$15.20; total, \$19.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposals, from the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

A representative of the District Office will accompany prospective bidders over the above project, and will meet prospective bidders at the San Onofre service station, near north end of the project on Tuesday, February 23, and on Monday, March 1, at 2 p.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

#### BIDS WANTED

LOS ANGELES—Until March 10, 10 a.m., bids will be received by the Los Angeles Board of Public Works, City Hall, for grading, paving, and otherwise improving Washington Blvd. between Harriett St. and Santa Fe Ave.

#### BIDS WANTED

FORT FUNSTON, Cal.—Until Feb. 23 3 P. M., bids will be received by the U. S. Engineer Office, Lieutenant J. A. Dorst, District Engineer, Customs House, San Francisco, under Bid No. 865-37-169, for surfacing approximately 56,000 sq. ft. of road at Fort Funston.

The new roadway under construction at the south end of the reservation consists of a crushed rock base, 10-ft. wide spread and rolled in two courses of 7-inches each, and is approximately 2,800 ft. in length.

Plans and specifications obtainable from the above office.

### 30—RESERVOIRS & DAMS

#### BOND ELECTION PLANNED

EU'REKA, Humboldt Co., Calif.—The City Council plans to call an election in the near future to vote on a proposal to issue an additional \$625,000 in bonds to finance completion of construction of the Mad River Water Project. The Council has announced that one of five alternate plans submitted by Consulting Engineer Clyde C. Kennedy, 74 New Montgomery St., San Francisco, known as Plan "B," calling for construction of a dam to the crest elevation of 290, about 50 ft. above the river bed, and

includes construction of approximately 25 miles of supply pipe line.

#### BIDS WANTED

**SHOSHONE PROJECT, Wyo.**—Until Feb. 25, 10 a. m., bids will be received by the Bureau of Reclamation, Cody, Wyo., Walter F. Kemp, Construction Engineer, under Spec. No. 884-D, for preparation of concrete aggregates, Heart Mountain Division, Shoshone Project.

The gravel deposit is located about 3 miles southwest of Cody, and the principal items of work involved are:

- (1) 25,000 c.y. stripping gravel deposit;
  - (2) Preparing and stockpiling 40,000 c.y. of sand and gravel.
- Specifications obtainable from the office of the Bureau of Reclamation, Cody, or Denver, without charge to prospective bidders; to others, \$0.50, not returnable.

#### BIDS WANTED

**SAN BERNARDINO CO., Calif.**—Until March 18, 10 A. M., bids will be received by Metropolitan Water District, 306 West Third St., Los Angeles, under Spec. No. 190, for constructing the Gene Wash and Copper Basin Dams and appurtenant features of the Gene Wash and Copper Basin Reservoirs.

The work is located in San Bernardino County, 13 to 20 miles by road northeast of Earp, Calif., and is comprised in two schedules as follows: Award will not be made to more than one bidder nor for less than all the items of the work.

**Schedule 1:** Includes the construction of a concrete arch dam at Generation and concrete arm dam at Gene Wash with a maximum height of about 156 feet and a crest length of 430 ft.; an ogee concrete spillway dam with non-overflow gravity extensions having a maximum height of about 34 ft. and a total length of 460 feet; and two reinforced concrete faced dykes with a maximum height of 25 ft. and a total length of 1300 ft.

**Schedule 2:** Includes the construction of a concrete arch dam across the outlet of Copper Basin, with a maximum height of about 210 ft. and a crest length of 220 ft.; an ogee concrete spillway dam with non-overflow gravity extensions for Copper Basin Reservoir, having a maximum height of about 18 ft. and a length of 290 ft.; and a reservoir outlet structure at the entrance to the Whipple Mountain tunnel.

Approximate quantities, subject to revision and re-arrangement for bidding purposes, are:

#### SCHEDULE 1—GENE WASH DAM

- (1) 6,500 c.y. excav., unclass., for foundation of dam;
- (2) 11,000 c.y. do for foundation and approach to spillway;
- (3) 4,000 c.y. do for earth fill dike;
- (4) 600 c.y. do for cut-off wall—earth fill dike;
- (5) 10,500 c.y. earth fill in reservoir dike;
- (6) 1,500 c.y. backfill;
- (7) 50 c.y. compacted backfill;
- (8) 5,000 lf. drilling grout and anchor holes; footage not more than 25 feet deep;
- (9) 1,000 lf. drilling grout holes; footage more than 25 and not more than 50 feet deep;
- (10) 375 lf. drilling grout holes; footage more than 50 and not more than 100 feet deep;
- (11) 13,000 lbs. installing grout pipes and fittings for dam and spillway foundations;
- (12) 4,000 lbs. do for contraction joints;
- (13) 21,000 lbs. installing metal tubing, pipe, and fittings for concrete cooling system;
- (14) Lump sum, furnishing, installing and operating concrete cooling

- ing plant;
  - (15) 6,500 cu. ft. pressure grouting foundations;
  - (16) 225 c.ft. pressure grouting; contraction joints & cooling pipes;
  - (17) 13,000 c.y. concrete in dam;
  - (18) 3,200 c.y. concrete in spillway;
  - (19) 500 c.y. concrete paving on dike
  - (20) 700 c.y. concrete in cut-off wall of dike;
  - (21) 20 c.y. concrete in trash rack structure for dam;
  - (22) 160 c.y. concrete in valve house structure for dam;
  - (23) 110 c.y. concrete in parapet and railing overhang;
  - (24) 75 c.y. gunite or equivalent coating of lock;
  - (25) 537,000 lbs. fabricating and placing reinf. steel and anchor bars;
  - (26) 35,000 lbs. installing metal scaling strips in construction and contraction joints of dam and spillway;
  - (27) 20,000 lbs. installing cast iron sluiceway pipe;
  - (28) 30,000 lbs. installing trash rack metal work in sluiceway;
  - (29) 25,000 lbs. installing sluiceway slide gate and operating mechanism;
  - (30) 25,000 lbs. installing discharge valve and operating mechanism for dam;
  - (31) 15,000 lbs. installing miscellaneous metal work;
  - (32) 1,000 lbs. installing pipe hand-railings;
  - (33) 7,500 ton-miles hauling steel;
  - (34) 92,000 ton-miles hauling cement
  - (35) Overhaul of concrete aggregates fixed at 7c per ton-mile;
  - (36) Clear reservoir site, lump sum.
- #### SCHEDULE 2—COPPER BASIN DAM
- (37) 5,500 c.y. excav., unclass. for foundation of dam;
  - (38) 4,500 c.y. do for foundation and approach to spillway;
  - (39) 1,500 c.y. do in reservoir outlet works;
  - (40) 4,500 c.y. backfill;
  - (41) 1,500 c.y. compacted backfill;
  - (42) 4,500 lf. drill, grout and anchor holes; footage not more than 25 feet deep;
  - (43) 1,300 lin. ft. drill grout holes; footage more than 25 and not more than 50 feet deep;
  - (44) 375 lin. ft. drilling grout holes; footage more than 50 and not more than 100 feet deep;
  - (45) 12,000 lbs. installing grout pipes and fittings for dam and outlet foundation;
  - (46) 4,500 lbs. installing grout pipes and fittings for contraction joints;
  - (47) 20,000 lbs. installing metal tubing, pipe and fittings for concrete cooling system;
  - (48) Furnishing, installing and operating concrete cooling plant;
  - (49) 6,100 cu. ft. pressure grouting foundations;
  - (50) 210 cu. ft. pressure grouting, contraction joints and cooling pipes;
  - (51) 14,000 c.y. concrete in dam;
  - (52) 450 c.y. concrete in spillway;
  - (53) 2,215 c.y. concrete in reservoir outlet struc., exclusive of superstructure;
  - (54) 25 c.y. concrete in trash rack structure for dam;
  - (55) 160 c.y. concrete in valve house structure for dam;
  - (56) 90 c.y. concrete in parapet and railing overhang;
  - (57) Constructing gate house superstructure above elevation 1042 for outlet works;
  - (58) 75 c.y. gunite or equivalent coating of lock;
  - (59) 500,000 lbs. fabricating and placing reinf. steel and anchor bars; sluiceway pipe;
  - (60) 25,000 lbs. installing metal scaling strips in contraction joints of dam;
  - (61) 40,000 lbs. installing cast iron sluiceway pipe;

- (62) 50,000 lbs. installing trash rack metal work in outlet works;
  - (63) 45,000 lbs. installing trash rack slide gate and operating mechanism;
  - (64) 40,000 lbs. installing sluiceway slide gate and operating mechanism;
  - (65) 150,000 lbs. installing slide gates and operating mechanism for outlet works;
  - (66) 30,000 lbs. installing discharge valve and operating mechanism for dam;
  - (67) 50,000 lbs. installing miscellaneous metal work;
  - (68) 6,000 lbs. installing pipe hand-railings;
  - (69) 1,800 lbs. installing elec. metal conduit and boxes;
  - (70) 6,000 ton-miles hauling steel;
  - (71) 60,000 ton-miles hauling cement
  - (72) Overhaul of concrete aggregate, fixed at 7c per ton-mile;
  - (73) Clear reservoir site, lump sum.
- Copies of the specifications and plans will not be available until the afternoon of Feb. 18. Full size blueprints of the original tracings of the 39 specification drawings, however, together with lists of the principal construction quantities involved are available at Room 1007, 396 W. Third St., and a complete set of drawings and lists will be furnished by a certified or cashier's check for \$55,000.

F. E. Weymouth, General Manager and Chief Engineer. — 30

#### PLANNED

**PACIFIC NORTHWEST.**—Public Works projects for Pacific Northwest as outlined in the 6-year plan of the President, will total \$106,000,000. A list, showing the most important items, follows:

- Grand Coulee high dam, \$40,000,000.
- Roza project, \$11,500,000.
- Bonneville, \$5,650,000.
- Diversion canal at Emmett, Idaho, \$2,500,000.
- Storage on Teton River (irrigation), \$1,050,000.
- Spokane sewer projects, including sewage treatment plant, \$90,000.
- Snake river basin grazing area (water development), \$37,000.
- Fish screens and ladders on existing projects throughout Columbia basin, \$345,000.
- Spokane waterworks projects, \$330,000.
- Squirrel Meadows storage reservoir, Ashton, Ida., \$290,000.
- Developing reservoirs, springs and wells on public range in Idaho, Oregon and Washington, \$222,000.
- Indian reservation, irrigation, Ft. Hall, Ida., \$150,000.
- Indian Valley reservoir, Ida., \$128,000.
- Twin Falls, Ida., water supply, \$144,000.
- Latah Creek drainage, Ida., \$81,000.
- Coeur d'Alene, Ida., sewer system, \$69,000.
- Challis irrigation canal, Custer Co., Ida., \$44,000.
- Diversion dam on Big Lost river, Arpa, Ida., \$55,000.
- Grangeville, Ida., sewage treatment plant, \$13,000.
- McCall, Ida. sewer system, \$32,000.
- Drainage system near Tuppenish, Wash., \$87,000.
- Raise Wheeler dam, \$21,000.
- Complete diversion of Neepalem river from irrigation storage in Coe lake, \$21,000.
- Diversion dam for storage in Twin Lakes of Inchelium, \$35,000.
- Construction of Irrigation, 1942-46, Columbia Basin, \$50,000.

#### PLANNED

HELENA, Montana, The Montana Resources Board has indicated that it will approve a \$120,000 flow-

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Until Feb. 26, 10:30 a. m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sch. No. 3224, for furnishing miscellaneous supplies and equipment, including:

Air Compressor, Electric Motors, Watthour Meters, Potential Transformers, Distribution-type Transformers, Electric Lighting Fixtures, Ceiling Rosters, Light Sockets, Receptacles, Fuses, Copper Connectors, Shade Holders, Rigid Steel Conduit, Conduit Elbows and Bushings, Electrical Cable, Insulated Wire, Bare Copper Wire, Magnet Wire, Vacuum-cleaning Cord, Brass Screws, Steel Cap Screws, Electric Wall Cocks, Vacuum Jug Sets, Oil Stones, Phenolic Insulation, Insulating Fiber, Asbestos-board Insulation, Cane Webbing, Transfer Cases, T-pins, and Copper Wire Cloth.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**PANAMA CANAL ZONE**—Until Feb. 25, 10:30 a. m., bids will be received by H. A. A. Smith, Purchasing Officer, The Panama Canal, Washington, D. C., under Sch. No. 3226, for furnishing 900,000 gals. gasoline; approximately 550,000 gals. to be delivered at Balboa and 350,000 gals. at Cristobal, C. Z.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## SAN LUIS OBISPO COUNTY

**EL PASO DE ROBLES, San Luis Obispo Co., Cal.**—Until March 1, 5 P. M., bids will be received by the El Paso de Robles City Council, S. S. Tucker, City Clerk, for furnishing the following materials:

25,824 b. f. of 2x8x15 O. P.;  
2,592 b. f. of 2x8x20 O. P.;  
29,278 b. f. of 2x10x15 O. P.;  
628 b. f. of 2x10x20 O. P.;  
1,700 ft. 1x8-in. steel plates weighing 10.21 lbs. per foot;  
1,500 ft. 1 1/4-in. iron rods weighing 4.172 lbs. per foot;  
6,500 ft. 8x11 1/2-in. bolts with nuts and flat washers to fit;  
5,000 ft. 2x8-in. do;  
400 1x6-in. do;  
12,000 lf. 1/2-in. reinf. steel weighing .55 lbs. per foot;  
575 sacks cement;  
115 yards crushed rock;  
70 cu. yds. nails;  
50 yards sand.  
Delivery: Feb. Paso Robles, Calif.  
Separate bids must be submitted for each item.

## WAR DEPARTMENT

**FORT MASON, CALIF.**—Until Feb. 26, 10:30 a. m., bids will be received by the Quartermaster Supply Officer, Fort Mason, under Bid No. 928-37-294, for furnishing asphalt roofing, steel pipe, pipe fittings, etc.

Delivery: Fort Mason, Cal. No. 1. Fort Mason, Cal.  
Specifications obtainable from the above office.

**FORT MASON, CALIF.**—Until Feb. 23, 10 a. m., bids will be received by the

Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-62, for furnishing 19 manhole frames and covers, 18-inch.

Delivery: Fort Mason, Cal. No. 1. Fort Mason, Cal.  
Specifications obtainable from the above office.

**FORT MASON.**—Until Feb. 23, 11 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-64, for furnishing one 14-circuit panel board, conduit, and electrical supplies.  
Delivery: Fort Mason, Cal. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 3, 2 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-295, for furnishing 10,000 ft. m. Douglas Fir lumber, No. 2 common.

Specifications obtainable from the above office.

**FORT MASON.**—Until Feb. 25, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-65, for furnishing one gasoline road roller, 3-wheel, and one standard scarifier.

Alternate bids will be accepted on both pieces of equipment for 6-ton, 7-ton, or 8-ton capacity.

Delivery: Fort Mason, San Francisco National Cemetery, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 1, 2 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-291, for furnishing smithing coal, step treads, helical springs, hark fabrics, hardwood lumber, Douglas fir and redwood lumber, wrought-iron pipe, pipe fittings, etc.

Specifications obtainable from the above office.

**FORT MASON.**—Until Feb. 27, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-290, for furnishing 17 gate valves and 1060 ft. wrought-iron pipe.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

OAK, 20,000 ft. m. white oak; Mare Island, Sch. 1043; Feb. 19.

MILLING machine, motor-driven, 6 sets carbon brushes and 1 circular milling attachment; San Diego, Sch. 9974; Feb. 23.

BURRS, rivets and washers; East & West Yards, Sch. 9990; Feb. 23.

MILLING machine, motor-driven, 6 sets carbon brushes and 1 circular milling attachment; San Diego, Sch. 9975; Feb. 23.

CLEANING outfits and brushes,

boiler tube; East & West Yards, Sch. 9991; Feb. 23.

LOCKS, latches and keys; East & West Yards, Sch. 9980; Feb. 23.

TRACTOR, gasoline engine driven; San Diego, Sch. 14; Feb. 23.

GENERATORS, 6 hand-driven testing; Mare Island, Sch. 9981; Feb. 26.

STEEL, 13,900 lbs. chrome-nickel bar; Mare Island, Sch. 9995; Feb. 26.

TUBING, 7,950 lbs. copper-nickel alloy; Mare Island, Sch. 9997; Feb. 26.

VALVES, 150 high-pressure steel; Mare Island, Sch. 9996; Feb. 26.

TUBING, 30,000 ft. seamless steel; Mare Island, Sch. 9998; Feb. 26.

STEEL, 4,000 lbs. corrosion and heat-resisting; Mare Island, Sch. 9994; Feb. 26.

MILLING machine, motor-driven; San Pedro, Sch. 9977; Feb. 26.

BLOCKS, 450 sq. ft. insulating, and 3,340 sq. ft. asbestos felt; Mare Island, Sch. 9999; Feb. 26.

HOSE, flexible, for FBY-1 airplanes; East & West Yards, Sch. 900-537; Feb. 26.

LUMBER, 2,620 ft. m. and 3 logs of Alameda lumber, and 2,620 ft. m. and 3 logs of Guayaban lumber; Mare Island, Sch. 9985; March 2.

PUMPS, 24 motor-driven diesel oil supply pumps and spares; Mare Island and Puget Sound, Sch. 1011; March 2.

TUMBLERS, 2 drying tumblers, 1 collar press, and 1 flat work ironer; Mare Island, Sch. 1010; Yards, Sch. 1009; March 2.

PLUMBING fixtures and accessories; March 2.

BLADES, turbine; East & West East & West Yards, Sch. 1020; March 2.

ALLOW, copper-nickel; Mare Island, Sch. 1025; March 2.

SHAFTS, steel; Mare Island, Sch. 1023; March 2.

PUMP, motor-driven flushing, and spares; Mare Island, Sch. 1026; March 2.

INDICATORS, CO<sub>2</sub>, and spares; East & West Yards, Sch. 1027; Mar. 2.

ZINC, slab (spelter); Mare Island, Sch. 1015; March 2.

DRILLS, high speed twist; Puget Sound, Sch. 1032; March 2.

Information obtainable from the above office and from headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

**FORT MASON.**—Until Feb. 26, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-286, for furnishing 96 gals. ready-mixed aluminum paint.

Specifications obtainable from the above office.

**FORT MASON.**—Until Feb. 25, 2 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-287, for furnishing a hydrometer, storage battery charger and tester, chain hoist, hydraulic press, socket wrenches, blow torches, soldering coppers, valve refacing machine, valve seat grinder, air compressor, etc.

The items are for delivery to the District Quartermaster, CCC, Medford, Oregon.

Specifications obtainable from the above office.



**TREASURY DEPARTMENT**

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

BID NO. 3409—5,000 gals. asphaltic emulsion; f.o.b. Oakland Municipal Airport, Bay Farm Island.

BID NO. 3408—10,000 gals. asphaltic emulsion; f.o.b. Brisbane.

February 23, 10 A. M.  
BID NO. 3406—31 gate valves; f.o.b. East Bay Municipal Utility District Corp. Yard, 22nd and Adeline Sts., Oakland.

February 26, 10 A. M.  
BID NO. 3407—1,200 lf. welded steel pipe, cement lined; f.o.b. East Bay Municipal Utility District Yard, 6th and Harrison Streets, Berkeley.

Specifications obtained from the above office.

SAN FRANCISCO.—A public auction will be held at Garage, Bldg. No. 7, U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco, February 25, 10 a. m., for the sale of one 4½-ton truck.

Further information obtainable at Room 113, Main Bldg., U. S. Marine Hospital.

SAN FRANCISCO.—Until Feb. 23, 10 a. m., bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3312, for furnishing 62,486 ft. b. m. No. 1 common lumber, for use on WPA project.

Delivery f.o.b. Winters and/or bidder's mill.

Specifications obtainable from the above office.

**SAN FRANCISCO CITY**

SAN FRANCISCO.—Until Feb. 26, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1738, for furnishing approximately 1650 c. y. red rock and 40 c. y. red rock screenings for Vicente Square (WPA).

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Feb. 26, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1739, for furnishing and delivering 24-in. and 33-in. extra heavy concrete sewer pipe for the WPA.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until March 8, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1735, for furnishing and delivering structural steel, castings, and accessories for Ferry Slips on Yerba Buena Shoals.

Plans and specifications obtainable from the above office upon deposit of \$10.

**U. S. FOREST SERVICE**

SAN FRANCISCO.—Until Feb. 25, 2 p. m., bids will be received by G. D. Huestis, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 996, for furnishing one electric motor driven air compressor, for garage service.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

February 23, 2 P. M.

BID NO. 4325—Birch lumber and panels; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4321—Pine and Douglas fir lumber; f.o.b. bidder's shipping point and/or Government Island.

February 24, 2 P. M.

BID NO. 4339—560 electric head-lights; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

February 23, 2 P. M.

BID NO. 4333—300 2-cell focusing type flashlights; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4326—Six redwood water tanks, 5,000 gals. capacity, with plain conical cover; f.o.b. bidder's shipping point and/or Santa Barbara.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Feb. 26, 2 p. m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 995, for furnishing one upright drill press, complete with electric motor and controls.

Delivery f.o.b. bidder's shipping point and/or Government Island, Paestee, Oakland.

Specifications obtainable from the above office.

**RECLAMATION SERVICE**

COLORADO RIVER PROJECT.  
DENVER.—Until March 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 885-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Austin, Texas, one liquid-gas storage and gasifying plant; gas distribution piping system; twenty-one gas-fired, non-insulated, storage water heaters; one gas-fired, jacketed and insulated storage water heater; twenty-two gas meters; and furnishing and delivering to the storage tank of the liquid-gas plant, liquid gas in such quantities and at such times as directed by the construction engineer; to serve the residences and buildings in the Government camp at the Marshall Ford Dam, Colorado River Project, Texas.

All materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders, to others, \$125, not returnable.

**EAST BAY UTILITY DIST.**

OAKLAND, Alameda Co., Calif.—Until Feb. 24, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. L.S. 159, for furnishing 3,820 cast-iron bell and spigot water pipe fittings, sizes 4-in. to 12-in. diam.

Specifications obtainable from the above office.

**OAKLAND CITY**

OAKLAND, Cal.—Until Feb. 23, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing 34 standard steel gratings complete with frames, bolts and nuts and 54 curb angle bars for catch-basins, 48-inch.

Specifications obtainable from the above office.

OAKLAND.—Until March 9, 1 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing one gasolene-engine driven generator set, complete, for the Fire Department.

Specifications obtainable from the above office.

**LOS ANGELES CITY**

LOS ANGELES, Cal.—Until Feb. 23, 2 P. M., bids will be received by D. P. Nekha, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing galvanized structural steel towers, Spec. No. 2217, as follows:

- (1) 2 towers, type CF-90 deg., 65-ft.; (a) fob cars or trucks bidder's shipping point;
- (2) 1 tower, type BF, 65-ft.; (a) and (b) as above;
- (b) fob trucks department's receiving sta. "F", 1520 Velasco Street.

Blue prints and specifications may be obtained at room 740, 207 South Broadway, upon deposit of \$10.00. Certified check or bond for 10% must accompany each proposal.

**COLORADO STATE**

DENVER, Colo.—Until March 2, 10 a. m., bids will be received by the board of water commissioners at the office of the Moffat tunnel extension project, Room 110, City and County Bldg., Denver, for furnishing 5000 bbls. portland cement for use on Ralston Creek conduit in accordance with specifications, bidding forms, etc., which may be obtained at the above address. Certified or cashier's check on a Denver bank or surety bond for 10% must accompany each proposal. PWA project. Richard Wensiev, president.

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## IN THIS ISSUE



Air Depot Shops Bids  
Opened



*Bates & Rogers Low on Bridge Railway  
Job*



Building Permits, Advance Reports  
of Building and Engineering  
Projects

**ON THE  
JOB  
IN  
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# PACIFIC CONSTRUCTOR

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Vol. XX SAN FRANCISCO, CALIF., FEBRUARY 27, 1937 No. 6

## MacDonald & Kahn's \$1,589,851 Basic Bid Low for Air Depot Repair Shops

SACRAMENTO, Feb. 25.—MacDonald & Kahn Co., Ltd., 200 Financial Center building, San Francisco, today submitted the low basic bid to Major Arthur W. Parker, Constructing Quartermaster, for construction of the engineering shops and repair dock at the Sacramento army air depot. The firm's total proposal amounted to \$1,589,851.

Bidding for the big contract was close, and final figures may be altered considerably by choice of alternate proposals included in the bids.

Eaton & Smith, San Francisco, was second low bidder for the work at \$1,595,000.

MacDonald and Kahn reported they could start work in five days and complete the contract in 500 days. Eaton and Smith declared they were prepared to start work in 30 days and complete the job in 600 days.

### Nine Proposals

Nine bids in all were received by Major Parker. In marked contrast to bidding for the Bay Bridge railway substructure in the East-bay yards, for which proposals covering a range of more than \$375,000 were opened by the state yesterday, today's opening found the low and high bids differing by approximately \$154,000.

Total bids were as follows:

MacDonald & Kahn	\$1,589,851
Eaton & Smith	1,595,000
Clinton Const. Co., S. F.	1,607,000
R. E. McKee, Los Angeles	1,617,000
N. P. Severin, Chicago	1,623,000
George Wagner and K. E. Parker, San Francisco	1,652,000
Barrett & Hilp, S. F. and A. Teichert & Son, Sacramento	1,674,900
Guy F. Atkinson, S. F.	1,687,857
J. H. Pomeroy & Co., S. F.	1,744,000

The bid of Severin from Chicago originally was \$2,000,000, but was reduced by a telegraphic deduction of \$377,000.

### IN NEW QUARTERS

Architect Oscar R. Thayer, formerly in the Monadnock building, announces he now has offices with Architect Wm. Mosser, 244 Kearny street, San Francisco. Telephone number is KEarny 1482.

Deep well water systems totaling 3,077 were sold in December, 1936, nearly twice as many as the December, 1935, figure of 1,673, the Bureau of Census reports.

## PLACER PAVING CONTRACT OUT FOR PROPOSALS

State Advertises Three-Mile Project; Bids Open March 17

SACRAMENTO, Feb. 23.—Bids to be opened March 17 for grading and paving with Portland cement concrete about 2 1/2 miles in Placer County between Rocklin and Loomis, were called today by State Engineer C. H. Purcell of the Division of Highways.

Principal items include: 43,000 cubic yards roadway excavation; 1,350 cubic yards excavation for structures; 34,200 square yards preparing subgrade; 2,805 tons untreated crushed gravel; 91 tons of liquid asphalt; 6,900 cubic yards Class A Portland cement concrete; 35,500 pounds reinforcing steel bars; 1,872 lineal feet CMP of various sizes, and 372,000 sta. yds. overhaul.

### Others Advertised

Three other bid openings have been scheduled for March by the Division of Highways, the first on March 4, when bids will be opened for approximately eight miles grading and paving with Portland cement concrete and placing plant-mixed surfacing on crusher run base in San Diego County between Las Flores underpass and San Onofre.

Bids on two jobs will be opened March 10. The first contract calls for the construction of four reinforced concrete slab bridges on concrete pile bents and grading and surfacing approaches in Glenn County between points about four and six miles east of Butte City. The second requires grading and applying road-mix surface treatment on 4 1/2 miles of roadway in San Joaquin and Stanislaus Counties, between Vernalis and Gates Road.

New orders for steel office furniture taken during the first ten months of 1936 totalled \$15,829,677, compared with a total of \$12,776,531 in orders taken during the same period in 1935, the Bureau of Census reports.

## CAMPBELL LOW FOR ADDITION TO HOSPITAL

Submits \$331,762 Figure on General Contract for Buildings

SACRAMENTO, February 24.—Campbell Construction Co., 800 R street, Sacramento, today submitted a low bid of \$331,762 to State Architect George B. McDougall on the general contract for construction of a group of seven buildings at Stockton State hospital.

M. R. Carpenter, Sacramento, was low bidder at \$30,959 for plumbing, and at \$33,581 for heating and ventilating. Spencer Elec. Co., San Francisco, submitted a low bid of \$12,808 for electrical work.

Total bids for the general contract were as follows:

Campbell Const. Co.	\$331,762
K. E. Parker Co., S. F.	349,450
H. Mayson, Los Angeles	359,542
Fred J. Early, Jr., S. F.	369,696
Barrett & Hilp, S. F.	387,171

The work includes construction of a group of seven buildings or units inter-connected by a covered cloister. Buildings will be of reinforced concrete construction, and will have steel sash and tile roofs. The group is to house male patients at the hospital.

Apportionment of motor vehicles to Alameda county last year was \$223,324, according to the state controller's report. In 1935 they were \$204,755.

## BERKELEY ASKS BIDS ON SCHOOL RECONSTRUCTION

**Award of High School Swimming Pool Rehabilitation Recommended**

Three Berkeley school projects had moved ahead today, following announcement that the Berkeley Unified School District has recommended to PWA the award of one contract, advertised a second project for bids and appointed an architect to prepare plans for a third.

Award of a contract to Central California Construction Co., 115 Burrows street, San Francisco, for rehabilitation of swimming pools in the boys' and girls' gymnasiums at Berkeley High School was recommended to PWA engineers by the District. The firm, which holds one nearly finished contract for Berkeley school work, was the only bidder at \$23,450 last week when the district received bids for the swimming pool contract. Work includes taking out brick walls and replacing with gunite or concrete, and strengthening roof and frames of the building.

### Willard Auditorium

Bids were invited for structural rehabilitation of the auditorium at Willard Junior High School, estimated to cost about \$18,000. They will be opened March 18.

Work will include strengthening roof trusses, installing system to resist lateral forces, acoustical revision and additional fire protection system. Plans are by Structural Engineer Thomas F. Chace and Architect Wm. C. Ambrose.

John B. Anthony, Berkeley, was selected by the board to prepare plans for a portable steel frame classroom to the Thousand Oaks school. The work will cost about \$3,200. Mr. Anthony will supervise construction.

## First PWA Housing Project Occupied

Techwood Homes, Atlanta, the first of the PWA housing projects to be completed is already 90 per cent occupied, according to the report of Director Howard A. Gray of the Housing Division to PWA Administrator Harold L. Miles.

Buildings included in the project comprise three-story apartment and two-story group houses of fireproof construction, planned so that each unit has the maximum amount of exposure, and containing living units varying from 3-room apartments to six-room row houses, all with cross ventilation. Techwood Homes is the first project to be completed, though 30 slum sites in 21 cities have been cleared, and in many instances projects are in the course of construction.

## MATERIAL PRICE GAIN REPORTED

The building material price index advanced one-hundredth of one per cent during the week ending February 13, bringing it to 92.2 per cent of the 1926 level, the U. S. Bureau of Labor Statistics reports. Higher prices for yellow pine lumber and for prepared roofing accounted for the rise, according to the bureau.

Prices for paint and paint materials declined slightly as a result of lower prices for putty and rosin, the bureau report says. Brick and tile, cement and structural steel prices remained steady.

## Jury Announced For Steel Span Design Contest

A jury of nationally known engineers and architects has been named to select the prize winning designs in the ninth students' bridge design competition which is held by the American Institute of Steel Construction annually. The jury consists of Dr. D. B. Steinman, consulting engineer; Jay Downer, consulting engineer; Kenneth M. Murchison, architect; Alfred Feltheimer, architect, and F. E. Schmitt, journalist.

The competition is open to all students of engineering or architecture registered in technical schools, colleges and universities of the United States. From the designs submitted three will be selected to receive prizes of \$150, \$100, and \$50. The jury will meet on April 20 next to make these selections.

The problem is to design a highway bridge to carry a roadway in a straight line over a stream 300 feet wide, bank to bank, connecting a parkway on the high land to the south with a boulevard on the plateau to the north. The proposed bridge would have four lanes forty feet between curbs, with one 5-foot sidewalk.

Competitors must submit their designs on or before April 12 next.

## \$104,000 BUILDING PERMITS IN WEEK

Building permits for work to cost \$104,295 were issued in Sacramento last week, bringing the volume of construction since Jan. 1 to more than \$800,000. Largest permit of the week went to Boyd & Coffing for construction of a \$20,000 automobile sales and storage building to be erected at 3100 Granada Way. Several new residences also were on the list.

## BIDS MARCH 10 ON TWO NEVADA HIGHWAY JOBS

**Elko, Esmeralda Contracts Are  
Advertised by State  
Road Directors**

Bids on two highway projects, for which more than \$500,000 has been programmed, were invited last week by the Nevada State Highway Directors. Bids will be opened in Carson City March 10 on both contracts.

The largest is for realigning, widening and surfacing about 17 miles between Elko and a point one and six-tenths miles east of Vivian. The highway department programmed \$450,000 for work on 18.6 miles between Vivian and Reno.

Bidding items, of which there are fifty, include 404,400 cu. yds. roadway excavation; 584,480 sta. yds. overhaul; 41,830 mile-yards overhaul; 136,000 tons of crushed gravel or stone subbase; 44,200 tons plant-mix gravel or stone base; 29,540 tons plant-mix asphalt surface; 11,600 tons gravel or stone surface; 153,000 feet fence, and numerous others.

The second contract for which bids will be opened March 10 calls for grading, gravel surfacing and installing structures on 10.68 miles between a point approximately 10 miles south of Blair Junction and Silver Peak. Bidding items include 90,300 cubic yards roadway excavation; 78,146 station yards overhaul; 10,68 miles s. bgr. r.; 36,300 tons crushed gravel or stone surface, and others. The department included \$85,000 for this project in its 1937 construction program.

## INDUSTRY ACCEPTS BOILER STANDARD

The proposed Simplified Practice Recommendation for steel horizontal firebox heating boilers has been accorded the required degree of acceptance by the industry and is to become effective at once, according to an announcement by the Division of Simplified Practice, National Bureau of Standards, Washington, D. C. The recommendation will be identified as Simplified Practice Recommendation R-157-37.

The recommendation was approved at a general conference held in Cleveland, on June 5, 1934, and subsequently modified to meet the needs of various interested groups. As finally accepted for promulgation, the recommendation lists 19 sizes of boilers ranging from 2880 to 56,000 square feet of water-radiation for hand firing.

Shipments of electrical industrial trucks and tractors for 1934 amounted to 1,253 units, compared with 920 trucks and tractors for 1935, according to the monthly report of the Bureau of Census.

## NELSON SUBMITS LOWEST BASIC GYMNASIUM BID

**Regents to Act Next Month on  
Bids for Building  
At Davis**

A. Nelson, Inc., San Francisco, yesterday submitted the low basic bid to the University of California regents for construction of a gymnasium and swimming pool at the Davis College of Agriculture. The firm's basic bid on the general contract was \$213,735.

Ten proposals were received for the general contract. They were:  
A. Nelson, Inc., \$213,735  
Campbell Const. Co., 217,509  
Dinwiddie Const. Co., 218,500  
K. E. Parker Co., 220,325  
C. L. Wolf, 224,431  
Holdener Const. Co., 225,484  
Monson Brothers, 225,825  
Lindgren & Swinerton, Inc., 232,855  
Azvedo Const. Co., 234,916  
Barrett & Hilp, 249,200

### Plumbing, Heating

Luppen & Hawley, Sacramento, submitted the low basic bid for plumbing at \$30,900; M. R. Carpenter was low bidder at \$40,923 for heating and ventilating; and Anderson & Rowe submitted a low basic bid of \$74,756 on the combined plumbing and heating and ventilating contract.

For electrical work the low basic bid was \$12,833, submitted by Luppen & Hawley.

Only one bid was received on the proposed contract combining plumbing, heating and ventilating and electrical work; from Alta Electric & Mechanical Co., San Francisco, at \$96,000.

### Under Advisement

Bids were taken under advisement, and probably will be acted upon by the regents at a meeting to be held next month.

The structure will be a Class A reinforced concrete and steel gymnasium and an enclosed swimming pool. Plans are by Architect Wm. Hays of San Francisco, with T. J. Jones, University of California, as mechanical engineer, and W. L. Huber, San Francisco, as structural engineer.

## REGISTER COMPANY ELECTS DIRECTORS

At the annual meeting of stockholders of the Ohmer Fare Register Company, held on February 8, at the company's New York City branch office, three new directors were added to the Board, as follows:

W. B. Turner, Dayton attorney and general counsel of the company; Philip Farnham, a partner in the law firm of John Van Voorhis' Sons, of Rochester, N. Y., and J. B. Mills, factory manager, who has served in that capacity with the company in Dayton for the past seventeen years.

These directors replace R. M. Ohmer, who died suddenly in New York City on January 20, F. J. Lisman, and H. W. Baker.

## Bates & Rogers Bid \$684,802 on First S. F.-Oakland Bay Bridge Railway Job

Bates & Rogers Construction Co., 532 Russ building, San Francisco yesterday was low bidder at \$684,802 for construction of the East Bay yard substructure for railway facilities of the San Francisco-Oakland Bay Bridge.

Proposals were received from six contractors, and represented a bidding range of more than \$375,000.

Should the bridge engineers decide to eliminate the Port of Oakland overhead, included in the bidding schedule, contract figures may be much lower.

### Total Bids

Total bids for the contract were as follows:  
Bates & Rogers, \$ 684,802  
J. F. Knapp, Oakland, 696,050  
Easich Bros., Torrance, 774,158  
Guy F. Atkinson Co., S. F., 893,290  
Macco Const. Corp., Clearwater, 924,297  
Clinton Const. Co., S. F., 1,061,970

Bids were submitted in unit prices, and it was not until late in the afternoon that official extensions of the bid prices were announced.

### Two Sections

The bidding schedule of thirty items was divided into two sections. Included in the bid form was the stipulation that the right to eliminate the port overhead entirely is reserved by the engineer.

Should the engineer determine thus to eliminate the overhead, the contractor will be allowed no claim for its elimination and will be granted no compensation under the last 14 items in the bidding schedule.

The first section includes a total of 257,000 feet of piles of various lengths. Eighty thousand feet of the piles are to be creosoted, while the balance will be untreated.

Sub-structure for the Port of Oakland overhead will require 87,000 feet of untreated timber piles of various lengths, in addition to other items.

## Eastbay Disposal Study Is Proposed

City Engineer Walter N. Frickestad of Oakland this week recommended to the city council an appropriation of \$20,000 for a six-months' study of the sewage situation in the city.

"The nature of the project, involving the whole question of sewage disposal, points to the need of seeking the advice of consulting engineers who have specialized in sewage disposal problems," he declared.

"To supplement their work we should also organize a unit in my office to devote its exclusive attention to this problem. I estimate the survey will cost approximately \$30,000 and will cover a period of

## SARVER & ZOSS LOWEST BIDDER FOR BARRACKS

**Bids On L. A. Bldgs. Opened;  
Addition to Kitchen  
Readvertised**

WASHINGTON, D. C., Feb. 23. —Sarver & Zoss, 1015 W. Fourth street, Los Angeles, at \$421,000 today submitted the low bid to the Veterans' Administration here for construction of additional buildings and utilities at the Veterans' Facility in Los Angeles.

Second and third low bidders, respectively, for the general contract, were Robert E. McKeo, Los Angeles, \$424,300 and Baruch Corporation, Los Angeles, \$443,500.

For plumbing, heating and electrical work H. H. Walker, Los Angeles, was low bidder at \$31,000.

Otis Elevator Co. submitted the low bid for installation of electric elevators, figuring this portion of the work at \$27,711.

### Five Buildings

Work includes construction of four male domiciliary barracks buildings, one female domiciliary barracks building, roads and walk's distribution systems and outside service connections.

Interest in bidding was intense as a wide range of western contractors figured the various portions of the project.

The Veterans Administration announced this week that bids will be opened here April 6 for constructing addition to the kitchen building at the Los Angeles Facility.

When bids originally were taken last November for the kitchen addition, Contracting Engineers, Inc. of Los Angeles submitted a low proposal of \$124,000 for general work; B. G. Keith-Elvator Ltd. was low at \$27,400 for elevators; and K. J. Berger Engineering Corp., Fullerton, at \$15,840 submitted the low proposal for refrigeration and ice-making plant.

These bids were rejected, and the contract was readvertised this week. As before, a bid will be taken for general work, elevators, and refrigerating and ice-making plant.

At the end of 1926 Mr. Frickestad submitted a report making tentative suggestions for improvements to cost in the neighborhood of \$3,000,000.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Ant.
368	Sala	Ohlson	3000
367	Sala	Ohlson	3000
368	Sala	Ohlson	3000
369	Sala	Ohlson	3000
370	Carlson	Owner	6000
371	Carlson	Owner	6000
372	Matzger	Owner	5500
373	Roddy	Schwahn	1200
374	S. F.	Cahill	11000
375	Demartini	Owner	6000
376	Cresci	Owner	1000
377	Bowles	Owner	1000
378	Signal	Early	2000
379	Widing	Hansen	1000
380	Diamond	Owner	3500
381	Scannell	Owner	2500
382	Icanon	Filipps	8000
383	Cannon	Jensen	2000
384	Moore	Johnson	1614
385	Zaharin	Dependable	2800
386	Smith	Owner	4000
387	Collupy	Hinson	4000
388	Root	Owner	1000
389	Callahan	Larsen	12000
390	Gump	Mullen	3000
391	Black	Thornison	6000
392	Sadik	Petersen	1600
393	Zinkand	Owner	4000
394	Zinkand	Owner	4000
395	Standard	Owner	3500
396	Standard	Owner	3500
397	Standard	Owner	3500
398	Standard	Owner	3500
399	Baldwinson	Owner	3500
400	Baldwinson	Owner	3500
401	Bay	Owner	4000
402	Bay	Owner	4000
403	Bay	Owner	4000
404	Bay	Owner	4000
405	Bay	Owner	4000
406	Meyer	Owner	3500
407	Meyer	Owner	4000
408	Meyer	Owner	3800
409	Meyer	Owner	3500
410	Smirnor	Owner	1000
411	Tiscornia	Owner	4500
412	Morton	Vargo	1000
413	Bakrenburg	Zama	1936
414	Wood	Siegrist	3000
415	Scott	Prout	7000
416	Nelson	Owner	3000
417	O'Halloran	Quinn	4000
418	Tiscornia	Owner	4000
419	Stoneson	Owner	4500

### DWELLING

(366) S. FARALLONES, 390 E. ORIZABA. One-story and basement frame dwelling.  
Owner—E. S. Sala, 3090 18th St.  
Contractor—A. H. Ohlson, 242 Vienna.  
Architect—Not Given. \$3000

### DWELLING

(367) S. FARALLONES, 315 E. ORIZABA. One-story and basement frame dwelling.  
Owner—E. S. Sala, 3090 18th St.  
Contractor—A. H. Ohlson, 242 Vienna.  
Architect—Not Given. \$3000

### DWELLING

(368) S. FARALLONES, 340 E. ORIZABA. One-story and basement frame dwelling.  
Owner—E. S. Sala, 3090 18th St.  
Contractor—A. H. Ohlson, 242 Vienna.  
Architect—Not Given. \$3000

### DWELLING

(369) S. FARALLONES, 365 E. ORIZABA. One-story and basement frame dwelling.  
Owner—E. S. Sala, 3090 18th St.  
Contractor—A. H. Ohlson, 242 Vienna.  
Architect—Not Given. \$3000

### FLATS

(370) S. KIRKHAM, 70 E. 26TH AVE. Two-story frame flats.  
Owner—Carlson & Nelson, 1478 18th

Ave.  
Architect—Not Given. \$6000

### FLATS

(371) S. KIRKHAM, 33 E. 26TH AVE. Two-story frame flats.  
Owner—Carlson & Nelson, 1478 18th Ave.  
Architect—Not Given. \$6000

### WAREHOUSE

(372) E. RITCH, 275 S. FOLSOM. Class C warehouse, 1-story.  
Owner—J. Matzger, 780 Harrison.  
Architect—Not Given. \$3500

### ALTERATIONS

(373) 229 THIRD ST. Alter restaurant.  
Owner—John Roddy, Frem.  
Contractor—Harry George Schwahn, 222 Castro.  
Architect—Not Given. \$1200

### FACTORY

(374) E. JUNIPER, 100 S. HARRISON. Two-story Class B factory.  
Owner—S. F. Brewery Corp., 490 10th Street.  
Contractor—Cahill Bros., 206 Sansome.  
Engineer—Warren E. Murray, 908 Hayes St. \$110,000

### ALTERATIONS

(375) SW COR. UNION AND MASON. Alter flats.  
Owner—A. Demartini, 1765 Mason St.  
Architect—Albert A. Schroeffer, 244 Kearny St. \$5000

### ALTERATIONS

(376) 801 PILBERT ST. Alter apts.  
Owner—Joseph Crisl, 467 Chenery.  
Architect—Not Given. \$2500

### ALTERATIONS

(377) 4401 CALIFORNIA. Alter apt. house.  
Owner—M. Bowles, Prem.  
Architect—Not Given. \$1000

### ALTERATIONS

(378) NE COR. SIXTH AND FOLSOM STs. Alter service station.  
Owner—Signal Oil Co., premises.  
Contractor—Fred J. Eraly, Jr., 369 Pine Street.  
Architect—Not Given. \$2,000

### ALTERATIONS

(379) 2533 FRANCISCO ST. Alter dwelling.  
Owner—Carl E. Widing, premises.  
Contractor—Hanson Bros., 6540 Mission Street.  
Architect—Not Given. \$1,000

### DWELLING

(380) E CHESTER 25 S. PAVSON. One-story and basement frame dwelling.  
Owner—Jean B. Diamond, 111 Joad.  
Architect—Not Given. \$3,500

### DWELLING

(381) E HOLYOKE 200 S. OLMSTEAD. One-story frame dwelling.  
Owner and Contractor—Helen Scannell, 855 Holyoke.  
Architect—Not Given. \$2,500

### STORE

(382) E PIERCE 100 S. CHESTNUT. One-story frame store.  
Owner—S. Iacono, 3778 Fillmore St.  
Contractor—V. Fillinis, 666 Mission.  
Architect—S. A. Colton, 544 Market Street. \$5,000

### ALTERATIONS

(383) 15 KEARNY ST. Alter store.  
Owner—Cannon Shoe Co., Lafayette Maryland.

Contractor—E. F. Jensen, 1257 20th Avenue.  
Architect—W. F. Clarke, Baltimore, Maryland. \$2,000

### ALTERATIONS

(384) 141 KEARNY ST. Alter store.  
Owner—Moore, Inc., 141 Kearny St.  
Contractor—J. Harold Johnson, 666 Mission Street.  
Architect—Bliss & Fairweather, Balboa Bldg. \$1,614

### ALTERATIONS

(385) 104F-42 SHOTWELL ST. Alter flats.  
Owner—V. Zaharin, premises.  
Contractor—Dependable Builders & Cabinet Works, 1308 Steiner St.  
Architect—Not Given. \$2,800

### DWELLING

(386) W 37TH AVE, 147 N BALBOA. One-story and basement frame dwelling.  
Architect—Not Given. \$4,000

### ALTERATIONS

(387) 2224 GREEN ST. Alter dwelling.  
Owner—Irene M. Collupy, 105 Montgomery Street.  
Contractor—L. A. Hinson, 756 4th Avenue.  
Architect—A. Wagstaff, 658 4th Ave. \$4,000

### DWELLING

(388) NE THOMAS AVE, 250 S. INGALLS. One-story frame dwelling.  
Owner and Builder—G. L. Root, 3965 20th Street.  
Architect—Chas. F. Strohoff, 2274 15th. \$1,000

### DWELLING

(389) E SANTA CLARA 57 NORTH TERRACE DRIVE. Two-story and basement frame dwelling.  
Owner—A. T. Callahan, care architect.  
Contractor—H. H. Larsen Co., 64 So. Park.  
Architect—Mayheck, White & Merchant, 406 Russ Bldg. \$12,000

### ALTERATIONS

(390) 284 POST ST. Alter store.  
Owner—S. and G. Gump, premises.  
Contractor—Mullen Manufacturing Co., 60 Rausch St. \$3,000

### DWELLING

(391) S VICENTE 83 E. 24TH AVE. Two-story and basement frame dwelling.  
Owner—K. F. Black, 3171 25th St.  
Contractor—F. H. Thornison, 1630 Ocean Ave. \$6,000

### ALTERATIONS

(392) NW COR. CHESTNUT AND VAN NESS AVE. Alter stores.  
Owner—Sadik, Inc., 2474 Mission.  
Contractor—Antone Petersen, 2788 San Bruno.  
Architect—Not Given. \$1,600

### DWELLING

(393) E. 43RD AVE, 50 N ANZA. One-story and basement frame dwelling.  
Owner—H. P. Zinkand, 667 36th Ave.  
Architect—Not Given. \$4,000

### DWELLING

(394) E. 43RD AVE, 25 N ANZA. One-story and basement frame dwelling.  
Owner—H. P. Zinkand, 667 36th Ave.  
Architect—Not Given. \$4,000



**DWELLING**  
(395) E. 26TH AVE., 475 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(396) E. 26TH AVENUE, 525 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(397) E. 26TH AVE., 450 NORTH RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(398) E. 26TH AVE., 500 NORTH RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(399) E. 35TH AVE., 300 N SANTIAGO. One-story and basement frame dwelling.  
Owner—Ingvar Baldwinson, 322 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(400) E. 35TH AVE., 275 N SANTIAGO. One-story and basement frame dwelling.  
Owner—Ingvar Baldwinson, 322 Judah St.  
Architect—Not Given. \$3500

**DWELLING**  
(401) E. 35TH AVE., 100 S SANTIAGO. One-story and basement frame dwelling.  
Owner—Bay Cities Bldg. Co., 160 Russ St.  
Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(402) E. 35TH AVE., 150 S SANTIAGO. One-story and basement frame dwelling.  
Owner—Bay Cities Bldg. Co., 160 Russ St.  
Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(403) N KIRKHAM, 83 E 27TH AVE. One-story and basement frame dwelling.  
Owner—Bay Cities Bldg. Co., 160 Russ St.  
Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(404) E. 35TH AVE., 125 S SANTIAGO. One-story and basement frame dwelling.  
Owner—Bay Cities Bldg. Co., 160 Russ St.  
Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(405) N KIRKHAM, 107 E 27TH AVE. One-story and basement frame dwelling.  
Owner—Bay Cities Bridge Co., 160 Russ Bldg.  
Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(406) E. TERESITA, 434 S PORTOLA DRIVE. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

**DWELLING**  
(407) SW FOWLER, 176 NW TERESITA. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$4000

**DWELLING**  
(408) E. TERESITA, 331 S PORTOLA. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**DWELLING**  
(409) E. TERESITA, 408 S PORTOLA DR. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(410) 8 BOYCE. Alter dwelling.  
Owner—John Smlnov, 2965 Sacramento.  
Architect—Not Given. \$1000

**DWELLING**  
(411) SE COR. 26TH & VICENTE. One-story and basement frame dwelling.  
Owner—Dominic Tiscornia, 1651 Alemany Blvd.  
Architect—Not Given. \$4500

**ALTERATIONS**  
(412) 267-69 BOSTON PLACE. Alter hotel.  
Owner—A. W. Morton, 1055 Pine St  
Contractor—Andy Vargo, 400 DuBoce  
Architect—Not Given. \$1000

**ALTERATIONS**  
(413) 576 4th AVE. Alter dwelling.  
Owner—Bahrenburg and White, Benicia, Calif.  
Contractor—W. B. Zane, 114 Russ St.  
Architect—Not Given. \$1989

**SIGN**  
(414) 514 BRYANT ST. Electric sign.  
Owner—H. C. Wood, Prem.  
Contractor—F. R. Stegrist, 604 Mission St.  
Architect—Norman B. Green, 55 New Montgomery. \$3000

**DWELLING**  
(415) E SANTA PAULA, 312 YERBA BUENA. Two-story and basement frame dwelling.  
Owner—E. J. Scott, care Contractor  
Contractor—J. Prout, 2530 Fillmore.  
Architect—John K. Branner, 210 Power St. \$7000

**DWELLING**  
(416) S. DEMING, 234 E CLAYTON. One-story and basement frame dwelling.  
Owner—Fernando Nelson & Sons, 2901 19th St.  
Architect—Not Given. \$3000

**DWELLING**  
(417) S. CORBETT, 258 E HATTIE. One-story and basement frame dwelling.  
Owner—D. O'Halloran, 17th and Douglas  
Contractor—A. & B. O'Brien, 220 Dolores  
Architect—Not Given. \$4000

**DWELLING**  
(418) E 26TH AVE., 25 S VICENTE. One-story and basement frame dwelling.  
Owner—Dominic Tiscornia, 1651 Alemany Blvd.  
Architect—Not Given. \$4000

**DWELLING**  
(419) E LAGUNITAS, 152 S SLOAT BLVD. Two-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$4300

ALAMEDA COUNTY

No. Owner	Contractor	Amt.
211 Monsen	Anderson	9800
212 Dreyer	Beckett	9550
213 Altermatt	Altermatt	2000
214 Netherby	Owner	5500
215 Mendes	Garmitz	2750
216 Baclagalp	Mclean	4000
217 Frugi	New	1000
218 Whittsen	Owner	2500
219 Clarke	Lapham	7940
220 Zettel	Owner	3500
221 Fisher	Owner	8000
222 Muther	Owner	8000
223 Leekins	Owner	4000
224 Fleming	Owner	5500
225 Faw	Courtright	1000
226 O'Brien	Davis	3300
227 Oakland	Moore	24350
228 Pirang	Owner	5000
229 Holcher	Owner	6000
230 New	Owner	1000
231 Texas	Gettins	3000
232 Craig	Hagen	2500
233 Peshel	Owner	5500
234 Lapham	Owner	7500
235 McGarvie	Owner	2700
236 Fredkin	Armstrong	11000
237 Shapiro	Anthony	6700
238 Hayward	Oslincup	2700
239 Bardwell	Owner	15000
240 Barry	Johnson	5000
241 McFreely	Pearson	1000
242 Cavanaugh	Gaubert	3300
243 Arcade	Rose	4000
244 Koenig	Nichols	2500
245 Lane	Leafiang	3500

**DWELLING**  
(211) 5927 LA SALLE AVE., OAKLAND. Two-story 9-room dwelling.  
Owner—Fred Monsen, 1736 Franklin St.  
Contractor—H. C. Andresen & Son, 690 Montclair Ave.  
Architect—Williams & Wastell, 374 17th St.

**DWELLING**  
(212) 6021 ROCKWELL ST., OAKLAND. Two-story 9-room dwelling.  
Owner—Walter Dreyer, Prem.  
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont  
Architect—R. Keefer, 585 Mandana Blvd. \$9350

**DWELLING**  
(213) 5832 NOTTINGHAM DRIVE, OAKLAND. Two-story 4-room dwelling.  
Owner—Mrs. J. F. Altermatt, Prem.  
Contractor—J. F. Altermatt, 243 Taurus Ave.  
Architect—Not Given. \$2000

**DWELLING**  
(214) 5879 ST. PAUL COURT, OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—W. A. Netherby, 3872 Lyman Road.  
Architect—Not Given. \$5500

**ADDITION**  
(215) 5652 OCEAN VIEW DRIVE, OAKLAND. Addition.  
Owner—Mrs. David Mendes, Prem.  
Contractor—C. Gavilana, 2092 40th Ave.  
Architect—Not Given. \$2750

**DWELLING**  
(216) 3818 FLORENCE AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Earl V. and Editha A. Baclagalp, 6532 Pinehaven Rd.  
Contractor—Craig McLean, 78 Riva Vista Ave.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(217) 2528 27TH AVE., OAKLAND. Alterations and addition.  
Owner—Mrs. E. O. Fries, 587 16th Ave., San Francisco

Contractor—New Art Roof Co., 1311  
Fruitvale Ave.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(218) 331 HILLSIDE AVE., PIED-  
MONT. Alterations.  
Owner & Builder—L. R. Whitson, 331  
Hillside Ave.  
Architect—Not Given. \$2500

**DWELLING**  
(219) 2401 EIGHTH AVE., OAK-  
LAND. Two-story 6-room dwelling  
and store.  
Owner—Gordon Clarke, 522 Zorah  
Avenue, Oakland.  
Contractor—Theo. H. Lapham, 546  
Kenmore Ave., Oakland.  
Architect—Not Given. \$7,940

**DWELLING**  
(220) 9900 BIRCH ST., OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—Peter Zetel, 7844  
Ash St., Oakland.  
Architect—Not Given. \$3,500

**DWELLING**  
(221) 71 WILDWOOD GARDENS,  
PIEDMONT. Two-story 8-room  
dwelling and garage.  
Owner and Builder—H. F. Fisher, 376  
17th Street.  
Architect—W. E. Schirmer, Oakland.  
\$4,000

**DWELLING**  
(222) 101 HILLSIDE AVE., PIED-  
MONT. Two-story 8-room dwell-  
ing and garage.  
Owner and Builder—G. W. Muther,  
5519 Thomas.  
Architect—Not Given. \$8,000

**DWELLING**  
(223) 2551 MONTERA AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner and Builder—C. W. Leekins,  
6054 La Salle Ave., Oakland.  
Architect—Not Given. \$4,000  
Also 1-story garage, \$400.

**DWELLING**  
(224) 238 CROSS ROAD, OAKLAND.  
One-story 6-room dwelling.  
Owner & Builder—John Fleming, 2248  
Coloma St.  
Architect—Not Given. \$5500

**ALTERATIONS**  
(225) 600 HADDON ROAD, OAK-  
LAND. Alterations.  
Owner—Claude T. Faw, 600 Haddon  
Road.  
Contractor—T. D. Courtright, 349 51st  
St.  
Architect—Not Given. \$1000

**DWELLING**  
(226) 1921 DURANT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Geo. L. O'Brien, Jr., 640 Ban-  
croft Ave., San Leandro.  
Contractor—Stanley M. Davis, 640  
Bancroft Ave., San Leandro.  
Also 1-story garage, \$200.  
Architect—Not Given. \$3300

**WAREHOUSE**  
(227) 2100 POPULAR ST., OAKLAND.  
One-story warehouse.  
Owner—Oakland Sheet Metal Supply  
Co., 30th and West Sts.  
Contractor—The John J. Moore Co.,  
354 Hobart St.  
Architect—Milo S. Farwell, 20th and  
Illinois Sts., San Francisco. \$24,350

**DWELLING**  
(228) 5735 BUENA VISTA AVE.,  
OAKLAND. One-story 5-room  
dwelling.  
Owner & Builder—H. C. Pfrang, 5659  
Ocean View Dr  
Architect—Not Given. \$5000

**DWELLING**  
(229) 915 GLENDOME CIRCLE,  
OAKLAND. Two-story 7-room  
dwelling.  
Owner & Builder—E. M. Holcher, 4763  
El Centro Ave.  
Architect—Not Given. \$6000

**REPAIRS**  
(230) 3521 CHESTNUT ST., OAK-  
LAND. Repairs.  
Owner & Builder—New Century Be-  
verage Co., Frem.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(231) 6630 E. 14TH ST., OAKLAND.  
Alterations and additions.  
Owner—Texas Co., Frem.  
Contractor—H. T. Gettins Co., 268  
13th St., San Francisco.  
Architect—Not Given. \$3000

**ADDITION**  
(232) 3839 MADRONE AVE., OAK-  
LAND. Addition and alteration.  
Owner—Harold Craig, 3839 Madrone  
Ave.  
Contractor—Hagen & Herndon, 4148  
Bayo St.  
Architect—Not Given. \$2500

**DWELLING**  
(233) 1890 LEIMBERT BLVD., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—C. O. Peshel, 4276  
Fruitvale Ave.  
Architect—Not Given. \$5500

**DWELLING**  
(234) 1067 NORWOOD AVE., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—A. R. Lapham, 947  
Hillcroft Circle.  
Architect—Not Given. \$7500

**ADDITION**  
(235) 935 MOUNTAIN BLVD., OAK-  
LAND. Addition.  
Owner & Builder—W. D. McGarvie,  
Frem.  
Architect—Not Given. \$2500  
Also 1-story garage, \$200.

**DWELLING**  
(236) 851 CARLSTON AVE., OAK-  
LAND. Two-story 7-room dwell-  
ing.  
Owner—J. Fredkin, Frem.  
Contractor—J. R. Armstrong, 1131  
Fleet Road.  
Architect—E. L. Snyder, Berkeley.  
\$11,000

**DWELLING**  
(237) 4833 PARK BLVD., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—S. M. Shaper,  
2014 Shattuck Ave., Berkeley.  
Architect—J. B. Anthony, 2014 Shat-  
tuck Ave., Berkeley. \$6700

**DWELLING**  
(238) 2382 BARRETT ST., OAK-  
LAND. One-story 4-room dwell-  
ing.  
Owner—Chas. D. Hayward, 223 Fris-  
bie St.  
Contractor—Oslincup & Kaiser, 1065  
Victoria Ave., San Leandro.  
Architect—Not Given. \$2700

**DWELLING**  
(239) 5708 GLENBROOK DRIVE,  
OAKLAND. Two-story 9-room  
dwelling.  
Owner & Builder—Chas. E. Bardwell,  
Jr., 5910 Acacia Ave.  
Architect—Not Given. \$15,000

**DWELLING**  
(240) 4021 LYMON ROAD, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Miss Barry, Frem.  
Contractor—Elmer Johnson, 450  
Oakies Blvd., San Leandro.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(241) 639 POIRER ST., OAKLAND.  
Alterations.  
Owner—May McFreely, Prem.  
Contractor—L. Pearson, 3027 Capp  
St.  
Architect—Not Given. \$1000  
Also 1-story garage, \$495.

**DWELLING**  
(242) 1509 98TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—J. V. Cavanaugh, 9839 Walnut  
Ave.  
Contractor—Gaubert Bros., 4735  
Brookdale Ave.  
Architect—Not Given. \$3300  
Also 1-story garage, \$150.

**REPAIRS**  
(243) 1941-63 SAN PABLO AVE.,  
OAKLAND. Fire repairs.  
Owner—Arcade Realty Co., San Fran-  
cisco.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$4000

**DWELLING**  
(244) 7201 OUTLOOK AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Koenig Investment Co., 1106  
Broadway.  
Contractor—L. L. Nichols, 1106  
Broadway.  
Architect—Not Given. \$2850

**DWELLING**  
(245) 377 SANTA CLARA AVE.,  
OAKLAND. Two-story 6-room  
dwelling.  
Owner—F. Lane, 2434 Acton St.  
Contractor—J. J. Leeflang, 2408 Bart-  
lett St. \*

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor Amt.
23 Callahan	Larsen 16500

**ALTERATIONS**  
(21) 1157 MARKET ST. Alter store.  
Owner—Boudey Mortgage Loan Co.,  
1157 Market Street.  
Architect—Not Given.  
Contractor—Seymour Show Case &  
Fixture Co., 251 Post St.  
Filed and Dated, \_\_\_\_\_  
Payments not given.  
TOTAL COST, \$1098.00  
Bond, \$1098. Sureties, U. S. Fidelity  
& Guaranty Company.

**ALTERATIONS**  
(22) 140 MAIDEN LANE. Alter  
store.  
Owner Barbara Bridge, Mercedes  
Building.  
Architect—Williams & Grimes, 2515  
Post Street.  
Contractor—Walter Mfg. Co., 5875  
Mission Street.  
Filed, Feb. 20, '37. Dated, Feb. 12, '37.  
Progress payments .....50%  
Upon completion .....25%  
Usual 35 days .....25%  
TOTAL COST, \$2,290.00  
Plans and specifications filed.

**DWELLING**  
(23) LOT 31 BLK 19, St. Francis  
Wood. Two-story frame dwell-  
ing with garage.  
Owner—A. J. Callahan, care archi-  
tect.  
Architect—Merchant, Maybeck and  
White, 406 Russ Bldg.  
Contractor—H. H. Larsen Co., 64 So.  
Park Street.  
Filed, Feb. 23, '37. Dated, Feb. 20, '37  
Monthly payments .....75%  
Usual 35 days .....25%  
TOTAL COST, \$16,500  
Plans and specifications filed.

**BUILDING CONTRACTS**  
ALAMEDA COUNTY

No. Owner Contractor Amt.  
19 Kraft Glynn 8936

**RESIDENCE**  
(19) LOT 10, Wildwood Gardens,  
Piedmont. One-story frame res-  
idence.

Owner—C. W. Kraft.  
Architect—Wm. Edw. Schirmer, 910  
Bank of America Bldg., Oakland.  
Contractor—Harry Glyn, 6023 Colby  
St., Oakland.

Filed, Feb. 27, '37. Dated, Feb. 15, '37  
First of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$8,936.25  
Limit, 100 days. Plans and speci-  
fications filed.

**SAN FRANCISCO COUNTY**  
UNDER \$1,000

ALTER garage, \$425; 1829 Steiner;  
owner, The Harrison Corp., Mer-  
chants Exchange Bldg.

ALTER market, \$35; SW Cor. Wash-  
ington and Grant; owner, Sang  
Loo, Prem.; contractor, Frank  
Yick, 670 Washington St.

ALTER dwelling, \$900; N. Greenwith,  
150 W. Baker; owner, A. R. Lar-  
san, 4020 24th St.

ALTER dwelling, \$140; 3873 Army  
St.; owner, Thomas D. Benedet-  
to, Prem.; contractor, John Folan,  
3858 25th St.

SIGN, electric, \$90; NW Cor. 10½ &  
Hayes; owner, A. De Gulr, Prem.;  
contractor, Luminad Corp., 5835  
3rd St.

ALTER office, \$200; 460 Montgom-  
ery; owner, Bank of America, 625  
Market St.

ALTER market, \$200; 1705 Haight  
St.; owner, C. A. Lillie, 615 Cole  
St.; contractor, San Francisco  
Shoe Case Co., 692-54 McAllister.

GARAGE, private, \$400; SE Cor. Tay-  
lor and Greenwith; owner, J.  
Dondro, 2126 Taylor.

ALTER dwelling, \$500; 31 Holloway;  
owner, H. M. Gunderson, 307  
Georgia St., Vallejo; contractor,  
Henson Bros., 5840 Mission.

ALTER office, \$742; 25 Battery; own-  
er, Mary L. Phelan Heirs, 607  
Phelan Bldg.; contractor, Lind-  
gren & Swnterton, Inc., 225 Bush  
St.

ALTER flats, \$500; 232 Castro; own-  
er, A. E. Ness, 863 41st Street,  
Oakland; plans by: W. H. Rowe,  
351 California St.

ALTER offices, \$400; 340 Market St.;  
owner, Fliot, Inc., 320 Market;  
contractor, G. P. W. Jensen &  
Sons, Inc., 320 Market.

SIGN, electric, \$80; NW Cor. Polk  
and Hayes; owner, A. De Gulr,  
NW Cor. Polk and Hayes; con-  
tractor, Luminad Corp., 5835 3rd  
St.

BARBER pole, \$50; 355 Mason St.;  
owner, Crocker First Natl. Bank,  
care Contractor; contractor, Ber-  
trand Elec. Co., 600 California.

ALTER dwelling, \$500; 1540 Thomas;  
owner, A. Pini, 1548 Thomas;  
contractor, T. Starell, 1755 Do-  
lores St.

ALTER dwelling, \$150; 419 Elizabeth;  
owner, Vada O'Donnell, Prem.;  
contractor, L. M. Coggins, 1128  
Oak St.

ALTER shop, \$150; 2758 San Bruno  
Ave.; owner, Antone Petersen,  
Prem.

SIGN, electric, \$80; NW Cor. Polk &  
Hayes; owner, A. De Gulr, Prem.;  
contractor, Luminad Corp., 5835  
3rd St.

ALTER store, \$250; 750 3rd St.; own-  
er, J. Metzger, 750 Harrison.

ALTER dwelling, \$100; 3228 Clay;  
owner, Attilla Kuchling, Oak-  
land.

ALTER dwelling, \$250; 1256 Masonic;  
owner, Georgia White, 139 North  
Kenmore Ave., Los Angeles; con-  
tractor, Hanson Bros., 5840 Mis-  
sion.

ALTER garage, \$450; 766 Paris St.;  
owner, George Jackson, Prem.;  
contractor, P. J. Hurley, 1676  
Hayes St.

ALTER dwelling, \$150; 16-18-20 Carl  
St.; owner, A. Anderson, 152  
Vicksburg; contractor, N. Hall-  
strom, 34 Fountain.

ALTER office, \$83; 233 Sacramento;  
owner, J. C. Flanery, 690 Mills  
Bldg.; contractor, Amio & Boehm,  
329 Commercial.

SIGN, electric, \$200; 1201 Market;  
owner, Sable Bay Fur Co., Prem.;  
contractor, Pacific Elec. Constr.  
Co., 1496 Mission.

SIGN, electric, \$125; 315 Leaven-  
worth; owner, Shanty's, Prem.;  
contractor, Apex Elec. Co., 363  
Fell St.

SIGN, electric, \$100; 255 Ellis; own-  
er, Troy Hotel, Prem.; contractor,  
QRS Neon Corp., Ltd., 690  
Potrero.

SIGN, electric, \$100; Embarcadero &  
Pacific; owner, Half Moon Cafe,  
Prem.; contractor, Novelty Elec.  
Sign Co. Inc., 419 Larkin.

FLUE, \$24; 437 Hib; owner, Mrs.  
M. Prem.; contractor, John J.  
DeLucchi, 1526 Powell.

SIGN, electric, \$200; 1284 Market;  
owner, S. F. Radio Exchange,  
Prem.; contractor, Novelty Elec.  
Sign Co. Inc., 419 Larkin.

SIGN, electric, \$200; 1201 Market;  
owner, Sable Bay Fur Co., Prem.;  
contractor, Pacific Elec. Constr.  
Co., 1496 Mission.

SIGN, electric, \$200; 3328 Steiner;  
owner, Perfection Cleaners, Prem-  
ises; contractor, QRS Neon Cor-  
poration, Ltd., 690 Potrero.

ALTER flats, \$250; 1124 Page; own-  
er, Mrs. Hicks, 7124 Page.

FLUE, \$2; 1101 Sutter; owner, M.  
Court, Prem.

SIGN, electric, \$300; 963 Market St.;  
owner, Davton's, Prem.; contrac-  
tor, Electrical Prod. Corp., 916  
Harrison.

ALTER garage, \$150; N. Vallejo, 50 S  
Dolores; owner, Mr. Ruvallo, 972  
Chenery; contractor, Henry Er-  
lanson, 972 Chenery.

SIGN, electric, \$300; 3888 24th St.;  
owner, Model Sweet Shop, Prem.;  
contractor, QRS Neon Corp., Ltd.,  
690 Potrero.

ALTER flats, \$275; 1238 24th Ave.;  
owner, M. N. Hanna, Prem.

**ALAMEDA COUNTY PERMITS**  
UNDER \$1,000

WRECK 1-story building, \$75; 4027  
Piedmont Ave., Oakland; owner,  
East Bay Transit Co., Prem.;  
contractor, Dolan Wreck, Co.,  
5870 San Pablo Ave.

CONCR wall \$225; 436 Oakland Ave-  
nue, Oakland; owner, E. Cun-  
ningham, 706 Geary St., San  
Francisco; contractor, W. Todd,  
1827 41st Ave.

RE-ROOF, \$200; 545 Boulevard Way,  
Oakland; owner, Mrs. Simmond,  
Prem.; contractor, Griffin &  
Wisely, 2911 Adeline St., Berke-  
ley.

WAT. L. retaining, \$100; 825 E 21st  
St., Oakland; owner, Mrs. Horst-  
mann, Prem.

ADDITION, frame, \$115; 3218 Lilee  
Ave., Oakland; owner, Clara C.  
Brewer, Prem.

RE-ROOFING, \$90; 1608 Chestnut  
St., Oakland; owner, Melrose  
Bldg. Mtl. Co., 4501 Tidewater;  
contractor, C. E. Vincent, 2302  
Courtland Ave.

REPAIRS, \$450; 820 43rd St., Oak-  
land; owner, G. Glorvick, Prem.;  
contractor, M. E. Valent, 8118  
Clarke St.

REPAIRS, roof, \$200; 1200-12 Wash-  
ington St., Oakland; owner, S. G.  
Johnson, Prem.; contractor, Gen-  
eral Roof Co., Beach and Hal-  
lock Sts.

REPAIRS, \$100; 5587 Lawton Ave.,  
Oakland; owner, Mr. Crossman,  
Prem.; contractor, G. Williams,  
506 Jackson St.

ALTERATIONS, \$10; 2329 14th Ave.,  
Oakland; owner and contractor,  
Martin Courtney, Prem.

REPAIRS, roof, \$235; 2701 San Pab-  
lo Ave., Oakland; owner, Nick  
Melosovich, Prem.; contractor,  
Brown Roof Co., 4820 Shattuck  
Ave.

REPAIRS, roof, \$225; 3705 Telegraph  
Ave., Oakland; owner, Pioneer  
Memorial Church, Prem.; con-  
tractor, Brown Roof Co., 4820  
Shattuck Ave.

WRECK 1-story building, \$125; 309-11  
Brush St., Oakland; owner, J.  
Archibald, 411 15th St.; contrac-  
tor, Robertson & Jensen, 1034  
Market St.

STORE, 1-story tile, \$210; 2613  
Broadway, Oakland; owner, E.  
Celia, 320 Filbert St.; contractor,  
M. Riecheza, 351 Filbert St.

ALTERATIONS, \$589; 8830 E. 14th  
St., Oakland; owner, Junior Mon-  
arch Hay Press Co., 701 Parrott  
St., San Leandro; contractor, F.  
Joe Wallace, 907 Washington St.

ADDITION, \$80; 3626 Harbor View  
ALTERATIONS, \$10; 4335 Tulip Ave.,  
Oakland; owner and contractor,  
W. A. Spillman, Prem.

ALTERATION, \$35; 1603 San Pablo  
Ave., Oakland; owner and con-  
tractor, M. A. White, Prem.

ALTERATIONS, \$375; 1733 Telegraph  
Ave., Oakland; owner, Money  
Back Smith, 12th and Wash-  
ington Sts.; contractor, Lloyd S.  
Dawson, 1672 Tiffin Road.

ADDITION, \$150; 4024 Bayo Street,  
Oakland; owner and contractor,  
Peder P. Dahl, Prem.

GARAGE, 1-story brick, \$300; 265  
Jayne Ave., Oakland; owner and  
contractor Ernest Rodgers, Prem.

RE-ROOF, \$250; 321 8th St., Oak-  
land; owner, Chinese Methodist  
Church, Prem.; contractor, Crown  
Roof Co., 1911 E. 12th St.

RE-ROOF, \$240; 248 Flora St.,  
Oakland; owner, Flora Brodie,  
Prem.; contractor, Crown Roof  
Co., 1911 E. 12th St.

RE-ROOF, \$400; 1291 63rd St., Oak-  
land; owner, Pioneer Laundry  
Co., Prem.; contractor, Crown  
Roof Co., 1911 E. 12th St.

REPAIRS, roof, \$50; 1547 San Pablo  
Ave., Oakland; owner, White &  
Pollard, Prem.; contractor, Ray  
Ciles Asbestos Co., 5th Ave. and  
E. 12th St.

REPAIRS (termites), \$261; 1077 Ar-  
more Road, Oakland; owner, L.  
J. Eade, 1077 Armore Rd.; con-  
tractor, Abino Wood & Sundry  
Co., 2848 Shattuck Ave., Berke-  
ley.

ADDITION, \$235; 2791 67th Ave.,  
Oakland; owner and contractor,  
Mary Simon, Prem.

SIGN, electric, \$25; 5521 Foothill  
Blvd., Oakland; owner, Mr. D. Dav,  
Prem.; contractor, Elec. Prod  
Co., 920 39th St.

RE-ROOF, \$20; E. 23rd Ave., 50  
S. E. 19th St., Oakland; owner  
and contractor, Foster & Kleiser,  
22nd and Market Sts.

RE-ROOF, \$15; SE Cor. 23rd Ave.  
and E. 10th St., Oakland; owner  
and contractor, Foster & Kleiser,  
22nd and Market Sts.

ALTERATIONS, \$300; 3240 Lak-  
eshare Ave., Oakland; owner and  
contractor, I. Benato and Joe  
Osanna, 931 Market St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bands	12.—Power Plants
3.—Churches	13.—Public Buildings, Warehouse, Fire House and Jail
4.—Factories and Warehouses	14.—Residences
5.—Flats	15.—Schools
6.—Garages and Service Stations	16.—Banks, Stores and Offices
7.—Federal Buildings	17.—Theatres
8.—Club Buildings	18.—Wharves & Docks
9.—Hospitals	19.—Misc. Genl.
10.—Hotels	20.—Misc. Supplies & Etc.

## 3—CHURCHES

Plans Being Prepared  
**CHURCH** Cost, \$.....  
**PATERSON, Stanislaus Co., Calif.**  
 1-story and basement frame & stucco church (chapel, Sunday school rooms, kitchen, etc.) maple floors oil burning heating plant, etc.  
 Owner—United Church.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Plans will be completed in about two weeks

**Contract Awarded**  
**ELEVATOR** Cont. Price, \$9,385  
**FRESSO, Fresno County, Calif.**  
 New elevator in County Court House.  
 Owner—County of Fresno (E. Dusenberry, County Clerk).  
 Architect—H. Rafael Lake, Helm Bldg., Fresno.

**Contractor—Otis Elevator Company,**  
 1 Beach St., San Francisco.  
 Complete bids follow:  
 Otis Elevator Company ..... \$ 9,385  
 Pacific Elevator Co. .... 10,994  
 Westinghouse Elevator Co. .... 11,186

**CONTRACT AWARDED**  
**SAN FRANCISCO—E. A. Cornely,**  
 Inc., 1452 Bush St., at \$2,507.13 (ded. alt.) awarded contract by the Department of Public Works for furnishing and installing gas and oil burner for power plant at the San Francisco Hospital, Potrero Ave. bet. 22nd and 23rd Sts.

## 4—FACTORIES & WAREHOUSES

**Contract Awarded**  
**WAREHOUSE** Cost, \$10,000  
**SACRAMENTO, Calif.** 1013 L St.  
 One-story warehouse.  
 Owner—Crystal Form Co., care Contractor.  
 Architect—Not Given.  
 Contractor—Holdener Const. Co., 2608 R St., Sacramento.

**Sub Contract Awarded**  
**BUILDING** Cost, \$125,000  
**SAN FRANCISCO.** Tenth and Bryant Streets.  
 Two-story and basement reinforced concrete bottling and canning plant.

Owner—San Francisco Brewing Co., Tenth and Bryant Streets.  
 Engineer—W. E. Murray, 908 Hayes.  
 Contractor—Cahill Brothers, 206 Sansome Street.

Elevators—Atlas Elevator Co., 34 Harriet St., San Francisco.

**Cork Insulation**—Van Fleet-Frear Company, 557 Howard St.  
**Glass**—W. P. Fuller & Co., 301 Mission St.

Complete sub contracts awarded to date published Jan. 14, 1937.

**Contract Awarded**  
**CREAMERY BLDG.** Cont. Pr., \$9,988  
**SAN FRANCISCO, Cal.** Marina District.

Reinf. concrete and frame creamery building containing retail store, work rooms, toilets, tile and cement floors, composition roof, structural glass, etc.  
 Owner—Name withheld.  
 Architect—Sidney A. Colton, 544 Market St., San Francisco.  
 Contractor—V. Filippa, 269 24th Ave. Complete bids follow:  
 V. Filippa ..... \$9,988  
 J. Del Favero ..... 11,200  
 P. Sartorio ..... 13,155

**Contract Awarded**  
**WAREHOUSE** Cost, \$20,000  
**FRESSO, Fresno Co., Calif.** 401 N. H Street.  
 Warehouse building.  
 Owner—J. B. Hill, 1648 H St., Fresno.  
 Architect—Not Given.  
 Contractor—J. T. Cowan, 315 Brix Bldg., Fresno.

**Bids on Structural Steel Postponed**  
**Until February 26.**  
**PLANT EXTENSION** Cost, \$15,000  
**BERKELEY, Alameda Co., Calif.** 750 Ashby Avenue.

Extension to forge plant: Concrete foundations, structural steel frame, corrugated iron roof and sides, ten-ton crane.

Owner—American Forge Company 750 Ashby Avenue, Berkeley.  
 Engineer—Kaj Theill, 580 Market St., San Francisco.

Figures are now being received on structural steel only.

**Sub Contracts Awarded**  
**WAREHOUSE** Cost, \$13,000  
**SAN FRANCISCO, NE Cor. 17th and Connecticut Streets.**  
 Two-story Class C warehouse.

Owner—Real Estate Development Co., Hearst Bldg.  
 Architect—Not Given.  
 Contractor—George Wagner, 181 So. Park.

Plumber—H. A. Ward.  
 Electric Wiring—Superior Elec. Co., 3110 Clay St.  
 Sheet Metal—Fire Protection Products Co., 1101 16th St.

**Brick and Stone Work**—Wm. Halney & Son, 323 Clementina St.  
 Lumber—J. H. McCallum, 745 Bryant St.  
 All of San Francisco.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—Myers Bros., 2407 San Fernando Rd., awarded contract for erection of one-story reinf. concrete warehouse and factory bldg. at 1327 E. 17th St. for the Square-D Co. Architects, John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg.

**To Be Done By Day's Work**  
**ADDITION** Cost, \$15,000  
**SACRAMENTO, Sacramento Co., Cal.** 7th and North B Sts.  
 One-story brick and tile cannery addition (corrugated iron roof), offices in front of building, etc.  
 Owner—Bercut-Richards Packing Co. Plans prepared by the Engineering Department of Owner.

**Contract Awarded**  
**WAREHOUSE** Cost, \$24,500  
**OAKLAND, Alameda Co., Cal.** 2100 Poplar St.  
 One-story warehouse.  
 Owner—Oakland Sheet-Metal Supply

Co., 36th and West Sts., Oakland.  
 Plans by: Milo S. Farwell, 20th and Illinois Sts., San Francisco.  
 Contractor—The John J. Moore Co., 354 Hobart St., Oakland.

## 5—FLATS

**To Be Done By Day's Work.**  
**FLATS** Cost, \$6,000 each  
**SAN FRANCISCO, S Kirkham St.** E 26th Avenue.  
 Two two-story frame and stucco flat buildings.  
 Owner and Builder—Carlson & Nelson, 1475 18th Avenue.  
 Architect—Not Given.

## 7—FEDERAL BUILDINGS

**BIDS WANTED**  
**SAN DIEGO, Cal.**—Until March 16, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a parachute loft, radio poles, etc., at the Unit "D" hangar, U. S. Coast Guard Air Station, San Diego.

**BIDS WANTED**  
**WENATCHEE, Wash.**—Until Mar. 23, bids will be received by the Supervising Architect, Treasury Department, Washington, D. C., for plaster models for the U. S. post office at Wenatchee.

**BIDS WANTED**  
**SAN DIEGO, Calif.**—Until March 4, 11 a.m., bids will be received by the Eleventh Naval District, foot of Broadway, San Diego, for sheds on barge for ARD-1 at the Naval Destroyer Base, San Diego; Spec. 8407. The work consists of (a) the furnishing of materials for and the installation of steel flash board plates 69 inches wide by 1/2 inch thick secured to the existing steel brackets located above deck, on the perimeter of a barge furnished by the Government; and (b) provision of materials for and the installation of two separate sheds on the deck of the barge. The sheds will be of timber frame, with corrugated steel roofing and siding, with wood sash windows and wood sliding doors. Bidding data may be obtained from the above address upon deposit of a check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

February 25, 1937.

**CONTRACT AWARDED**  
**REDDING, Shasta Co., Calif.**—Henry L. Grohne, 2994 N. Water St., Decatur, Ill., at \$874, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for scale pit and platform scale in the U. S. Post Office at Redding.

**BIDS WANTED**  
**DENVER, Colo.**—Until March 17, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for wrought iron grilles and wire mesh screens in the U. S. Mint at Denver.

**MATERIALS APPROVED**  
**SOUTH GATE, Los Angeles Co., Cal.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at South Gate. Campbell Const. Co., Los Angeles, general contractors; Plumbing fixtures, Standard Sani-

tary Mfg. Co.; electric water cooler, Halsey W. Taylor Co.; water pipe, Chase Brass & Copper Co.; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; gas-firing water heater, Pittsburgh Water Heater Co.; backwater valve, J. A. Zurn Mfg. Co.; non-conducting covering for plumbing, Johns-Manville Co.; sump pump, Yeoman Bros. Co.; boiler, Fitzgibbons Boiler Co.; tube and wall radiators, American Radiator Co.; non-conducting covering for heating, Johns-Manville Co.; angle radiator valves, Milwaukee Valve Co.; air valves for radiators and air valves for ends of steam mains, American Radiator Co.; pan-boards, W. A. Benjamin Elec. Co.; main switch, Trumbull Elec. Mfg. Co.; receptacles and flush switches, Bryant Elec. Co.; glass ware, Inland Glass Co.; lighting fixtures, Multi-Electrical Mfg. Co.

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until March 4, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, floor of Broadway, San Diego, under Spec. No. 8407 for construction of sheds on Base for ARD-1 at the Naval Operating Base (Destroyer Base), San Diego.

The work consists of (a) the furnishing of materials for and the installation of steel flash board plates 60-in. wide by 1/2-in. thick secured to the building steel brackets located above deck, and on the perimeter of a barge furnished by the Government; and (b) provision of materials for and the installation of two separate sheds on the deck of the barge. The sheds will be of timber frame, with corrugated steel roofing and siding, with wood sash windows and wood sliding doors.

Plans and specifications obtainable from the above office upon deposit of \$10.

**Plans Being Figured—Bids Close**

**March 5, 10 A. M.**  
**OFFICE, ETC.** Cost, \$ .....  
**FRIANT, Fresno Co., Calif.** 22 miles north of Fresno, Government Camp at Friant Dam, Central Valley Water Project.

Office building, two dormitories, 3 6-room residences, five 5-room residences, ten 4-room residences and ten 2-room residences. All buildings will be of wood frame construction. The office building will be 31x68 1/2-ft. with an open porch about 1-ft. wide at the front and both ends. Dormitories will be two-story buildings, each 43 1/2-ft. by 85-ft., including the screened porch 8-ft. in width on the sides of the building. Outside walls of buildings and residences will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt prepared shingles over roof boarding. Inside walls and ceilings, except in the toilet and shower rooms of the office buildings and dormitories will be covered with gypsum wallboard, and interior walls and ceilings in residences will be covered with building board. All floors will be 1 1/2-in. fir flooring, and, except in the office building will be single floors. A concrete basement will be constructed under one corner of the office building. The other buildings and residences will have no basements.

**Owner**—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).

Bids will be taken as follows:  
**SCHEDULE 1—Office Building**

- (1) 420 c.y. common excav.;
- (2) 10 c.y. rock excav.;
- (3) 40 cu. concrete in foundations;
- (4) 20 cu. concrete in floors;
- (5) Lump sum, constructing one temporary office bldg., Type 1.
- SCHEDULE 2—Two dormitories**
- (6) 1,800 c.y. common excav.;
- (7) 50 c.y. rock excav.;
- (8) 100 cu. concrete in foundations;
- (9) 50 c.y. concrete in floors;
- (10) Lump sum, constructing two temporary dormitories;
- SCHEDULE 3—Three 6-room, five 5-room, ten 4-room, and ten 2-room residences:**
- (11) 700 c.y. common excav.;
- (12) 10 c.y. rock excav.;
- (13) 28 cu. concrete in foundations;
- (14) Constructing three 6-room residences, Type 1;
- (15) Constructing five 5-room residences, Type 4;
- (16) Constructing ten 4-room residences, Type 4;
- (17) Constructing ten 2-room residences, Type 4.

Work shall be commenced within 15 calendar days and completed within 180 calendar days after date of receipt of notice to proceed.

Bids will be opened in Sacramento, plans and specifications (Spec. No. 707) obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$2.50, not returnable. Spec. No. 707. Plans will be available about Feb. 15.

**BIDS WANTED**

**SAN FRANCISCO**—Until March 3, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-179, for membrane waterproofing of the sides and top of the concrete radio station at Fort Funston.

Specifications obtainable from the above office.

**BIDS OPENED**

**ORANGE, Calif.**—Robert A. West, 560 N. Michigan Ave., Pasadena, at \$10, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. Post Office in Orange.

**Complete bids follow:**

**Robert A. West, Pasadena, Cal.** \$189  
**W. S. Strauser, Los Angeles**..... 248  
**N. J. Newson, Des Moines, Iowa**, 365  
**Neuman Bros., McMinnville, Ore.** 495

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until April 6, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for additions to Kitchen Bldg. No. 163, Veterans' Administration Facility, Los Angeles, Calif.

Separate bids will be received for (I) General Construction, including Plumbing, Heating and Electrical Work; (II) Electric Elevators; and (III) Refrigerating and Ice Making Plant.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, electrical, cast stone, enameled wall blocks, slate stair treads, terrazzo, floor tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets, shelving and partitions, steel sash, built-up roofing, metal ventilators, skylights, metal lathing, plastering, carpentry, acoustical treatment, insulation, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, electric elevator reconstruction and electric dumbwaiter, refrigerating and ice-making plant, etc.

Plans and specifications may be obtained from the Construction Service,

Room 764, Arlington Building, Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**Plans Being Figured—Bids Close**

**March 6, 10 A. M.**  
**LABORATORY, ETC.** Cost, \$ .....  
**FRIANT, Fresno Co., Calif.** 22 miles north of Fresno, Government Camp at Friant Dam, Central Valley Water Project.

Concrete-testing laboratory (39x54-ft.) and combined garage and fire station (50x121). Concrete footings and floors; outside laboratory and walls covered with shiplap and inside walls and ceilings covered with tempered wallboard; laboratory roof covered with mineral-surfaced, asphalt-prepared shingles, and insulated wallboard. Outside walls and roof of garage and fire station covered with galvanized corrugated metal.

**Owner**—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).

Bids will be taken as follows:

**SCHEDULE 1—Concrete testing laboratory**

- (1) 100 c.y. common excav.;
- (2) 10 c.y. rock excav.;
- (3) 35 c.y. concrete;
- (4) Lump sum, constructing one concrete testing laboratory except excavation and concrete;
- SCHEDULE 2—Garage and Fire Station**
- (5) 250 c.y. common excav.;
- (6) 5 c.y. rock excav.;
- (7) 110 c.y. concrete;
- (8) Lump sum, construct one garage and fire station except excavation and concrete.

Work shall be commenced within 15 calendar days and completed within 180 calendar days from the date of receipt of notice to proceed.

Bids will be opened in Sacramento, plans and specifications (Spec. No. 552-D) obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$25, not returnable. Spec. No. 552-D. Plans will be available about Feb. 15. Spec. No. 552-D.

**Plans Being Figured—Bids Close**

**March 4, 10 A. M.**  
**RESIDENCES** Cost, \$ .....  
**FRIANT, Fresno Co., Calif.** 22 miles north of Fresno, Government Camp at Friant Dam, Central Valley Water Project.

Twenty-five cottages of pre-fabricated construction or built-in place. Each cottage will be approximately 61 ft. 6 in. by 31 ft. in size and will be divided into two residences separated by a garage space between. Foundations will be wood posts. Outside walls will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt-prepared shingles over roof boarding. Inside walls and ceilings will be covered with insulating-building board. Floors will be single.

**Owner**—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).

Bids will be taken as follows:

- (1) 1,800 c.y. common excav.;
- (2) 5 c.y. rock excav.;
- (3) Lump sum, construction of 25 Type 2 duplex cottages.

Work shall be commenced within 15 calendar days and completed

within 120 calendar days after date of receipt of notice of procedure.  
Bids will be opened in Sacramento. Plans and specifications (Spec. No. 706) obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$1.00, not returnable. Spec. No. 706. Plans will be available about February 15.

#### LOW BIDDERS

**LOS ANGELES, Calif.**—Sarver & Zoss, 1015 West 4th St., Los Angeles, at \$421,000, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., under Specifications No. 1134, for general construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles.

##### General Construction

Sarver & Zoss, Los Angeles, \$421,000  
Robert E. McKee, L. A., 424,300  
H. M. Baruch, L. A., 443,590  
Plumbing, Heating & Electric Work  
H. H. Walker, 1323 Venice, 81,000  
Blvd., Los Angeles, 81,000  
Electric Elevators  
Otis Elevator Co., L. A., 27,711

#### MATERIALS APPROVED

**SUNNYSIDE, Wash.**—The Treasury Department has approved the following bldg. material and equipment awards for the construction of the U. S. Post office at Sunnyside, West Coast Construction Co., Seattle, general contractors:

Plumbing fixtures, Kohler Company; electric water coolers, Kelvinator Sales Co.; indirect water heater, Evins F. Glare & Son; coal-burning heater, Bell & Gossett Co.; indirect copper coil heater; water pipe, Scovill Mfg. Co.; pressure-reducing valve on water supply, McAlister Mfg. Company; lawn sprinklers, Thompson Sprinkler Co.; relief valve, Mueller Steam Specialty Co.; backwater valve, Jones & Mfg. Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; sump pump, Economy Pump Co.; boiler, Pacific Steel Boiler Corp.; tube and wall radiators, U. S. Radiator Corp.; non-conducting covering for ceiling, Plant Rubber & Asbestos Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; panelboards and main switch, Trumbull Electrical Mfg. Co.; rubber-covered wire, General Cable Corp.; receptacles and flush switches, Arrow-Hart & Hegeman Electric Company.

#### MATERIALS APPROVED

**SAN DIEGO, Cal.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post office at San Diego. M. H. Golden, San Diego, general contractors: flush switches, Pass and Seymour.

#### COMPLETE BIDS

**ROSEBURG, Ore.**—As previously reported Western Wire & Iron Works, Chicago, at \$37,167, submitted low bid to the Veterans' Administration, Arlington Building, Washington, D. C., for wire grilles for Buildings Nos. 1, 2 and 16 at Veterans' Administration Facility, Roseburg, Oregon.

##### Complete bids follow:

Western Wire & Iron Works, Inc., Chicago, 37,167  
Bells Wire Works Inc., Brooklyn, N. Y., 41,454  
Standard Fence Co., Oakland, 42,000  
Edwin Pruitt Sons Co., Ken-  
necook, Ill., 43,600  
Portland Wire & Iron Works,  
Portland, Ore., 44,105  
Ornamental Iron Works Co.,  
Akron, Ohio, 48,090  
Flour City Ornamental Iron

Co., Minneapolis, Minn., 51,924  
Southern Ornamental Iron  
Works, Arlington, Texas, 54,473  
Geo. Isaacson Co., Portland, 61,374  
A. J. Bayer Co., Los Angeles, 69,000  
A. F. Wagner Iron Works,  
Milwaukee, Wis., 129,937

#### BIDS WANTED

**SEBASTOPOL, Sonoma Co., Calif.**—Until March 12, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens at the U. S. P. O. at Sebastopol.  
Specifications may be obtained from the above office and from the Custodian of the Building at Sebastopol.

#### BIDS WANTED

**SAN PEDRO, Los Angeles Co., Cal.**—Until March 12, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for acoustical treatment in the Post Office and Courthouse at San Pedro. Specifications may be obtained from the above office and from the Custodian of the Building at San Pedro.

#### TEMPORARY QUARTERS

**LOS ANGELES, Calif.**—Milo C. Halsey, structural engineer for the Pacific Electric Railway Co., Pacific Electric Bldg., completed plans and will supervise remodeling of portion of the upper floors of the Pacific Electric Bldg., space to be occupied by the United States courts as temporary quarters during construction of the new Federal building. Cost, \$50,000.

#### CONTRACT AWARDED

**ALCATRAZ ISLAND, Calif.**—Vincent Whitney Company, 130 Tenth St., San Francisco, at \$95, awarded contract by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for rebuilding bot-  
tled-controlled electric freight elevator in Building 64, U. S. Penitentiary, Alcatraz.

#### NOTICE TO BIDDERS

**SACRAMENTO**—Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, North Sacramento, has announced the removal of offices from the Old Post Office Terminal Bldg., Sacramento, to the air base site near North Sacramento.

Bids for construction of the Headquarters Building, Fire and Guard House, to be opened February 19 and for the Engineering Shops and Repair Dock, to be opened February 25, will be opened at the office of the Builders' Exchange, 720 I St., Sacramento.

Plans Being Figured — Bids Close March 25, 2 P. M.

**SUPPLY DEPOT** Cost, \$1,072,000  
**SACRAMENTO CO., Calif.** Army Air Corps Supply Depot, near North Sacramento.

Two-story depot supply building and heating plant, and one-story west and east wings of warehouse; reinforced concrete and steel construction, conforming in general with the other buildings at the air base.

Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C. Bids will be taken as follows:

(I) Lump sum, construct and complete depot supply building, consisting of head house and west and east wings of warehouse, Sections 1 to 8, inclusive, including the utilities therefor;

(II) If one or more additional interior sections are constructed and completed in east wing of warehouse, add to the amount of Item (I);

(III) If APM roofing and ventilators, aluminum flashings, and all the exterior aluminum work is omitted, and 2-inch wood plank roof deck with 3-ply asbestos built-up roof, flashings and all other exterior metal work and ventilators of copper are substituted therefor, add or deduct from the amount of Item (I);

(III-ALT.) If Item (II) is accepted, add to or deduct from Item (II);

(IV) If one or more canopies are added to each section on the east and west sides of the east and west wings of the warehouse, add to the amount of Item (I) for each canopy added;

(V) If 12-inch throat APM ridge ventilators without dampers of 28,800 c.f.m. capacity are omitted, and 12-inch throat APM ridge ventilators with dampers of 14,000 c.f.m. capacity are substituted therefor, add to or deduct from the amount of Item (I);

(V-ALT.) If Item (II) is accepted, add to or deduct from the amount of Item (II) for each additional section;

(VI) If 12-inch throat copper ridge ventilators without dampers of 28,800 c.f.m. capacity are omitted, and 12-inch throat copper ridge ventilators with dampers of 14,000 c.f.m. capacity are substituted therefor, add to or deduct from the amount of Item (I);

(VI-ALT.) If Item (II) is accepted, add to or deduct from the amount of Item (II-ALT) for each additional section;

(VII) If the ribbed wire glass in 6-ft. 8-in. by 16-ft. 0-in. skylights is omitted and skylights reduced to 6-ft. 8-in. by 12-ft. 0-in. and glazed with diffusing wire glass are substituted therefor, add to or deduct from the amount of Item (I);

(VII-ALT.) If Item (II) is accepted, add to or deduct from the amount of Item (II) for each additional section;

(VIII) If the steel horizontal sliding doors are omitted and upward rolling steel doors or curtains are substituted therefor, add to or deduct from the amount of Item (I);

(VIII-ALT.) If Item (II) is accepted, add to or deduct from Item (II) for each additional section;

(IX) If quarry tile floors are omitted, and terra forms are omitted, and platform floors and base, stair treads, and platforms are substituted therefor, add to or deduct from the amt. of Item (I);

(X) If steel stud, metal lath, and plaster partitions, and metal partitions are omitted, and steel stud and asbestos board partitions are substituted therefor, add to or deduct from the amt. of Item (I);

(XI) Unit prices. The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions from or additions to the contract amount provided any deviation from the drawings decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.

(A) Earth excavation, per cu. y.  
(B) Rock excavation, per cu. y.

- (C) Wet excavation, per cu. y.;
- (D) Type A concrete, including forms, per cu. y.;
- (E) Type B concrete, including forms, per cu. y.;
- (F) Structural steel, per ton;
- (G) Reinforcing steel, per ton;
- (H) 8-in. vitrified clay pipe, per lf.;
- (I) Wall switch outlet with SP tumbler switch, each;
- (J) Receptacle outlet with duplex receptacle, each;
- (K) Fan outlet, each;
- (L) Light outlet less fixture, each;

NOTE: Each of the above to be installed complete in every respect and to include the necessary wire and conduit extension not in excess of 25 ft.

- (M) 3 cond. No. 6 V.C. LK 7500-volt cable in 2½-in. conduit, per ft.;
- (N) 2 No. 12 RC wires in ½-in. conduit or tubing, per ft.;
- (O) 2 No. 12 RC wires in ¾-in. conduit or tubing, per ft.;
- (P) Underfloor duct, per ft.

Plans and specifications obtainable from the office of Major Arthur W. Parker upon deposit of certified check, payable to the Treasurer of the United States, in the amount of \$50.00.

Bids will be opened in the office of the Builders' Exchange, 720 I St., Sacramento.

**8— CLUB BUILDINGS**

**Bids In—Held Under Advisement**  
**ALTER CHURCH** Cost, \$15,000  
 RICHMOND, Contra Costa Co., Calif. Alterations and additions to church building (add Sunday school, etc.)  
 Owner—First Presbyterian Church, Richmond.  
 Architect—Chas. F. Maury, Monadnock Bldg., San Francisco.

**Revising Plans**  
**LOBBE BLDG.** Cost, \$55,000  
 VALLEJO, Solano Co., Calif. Georgia and Sonoma Streets.  
 2½-story and basement reinforced concrete club building (50x100-feet) clubrooms, banquet hall, kitchen, shower rooms, etc.  
 Owner—Vallejo Lodge of Elks (Thos. F. O'Hara, Secretary).  
 Architect—Dodge Reidy, 821 Market St., San Francisco.

All bids received Jan. 12 were rejected because they exceeded estimates and plans are now being revised by the architect and will be re-figured by the three previous low bidders, as follows:  
 D. W. Nicholson, 550 Blossom Way, San Leandro.  
 David Paganini, 617, Montgomery Street, San Francisco.  
 H. L. Peterson Const. Co. 731 Treat Avenue, San Francisco.

**Contract Awarded**  
**CLUB BLDG.** Contract Price, \$12,999  
 SACRAMENTO, Sacramento County, Calif. 27th and N Streets.  
 One-story brick and stucco club bldg. (meeting room, lounge and kitchen) tile roof.  
 Owner—Young Ladies Institute.  
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
 Contractor—W. C. Kenning, 1121 24th Street, Sacramento.

**BIDS OPENED**  
**CLUB** Cost, \$30,000  
 LOS BANOS, Merced Co., Cal. W. E. Burch Subdivision.  
 Two-story and basement concrete, frame and stucco club building (kitchen in basement), stage, dressing rooms, club rooms, lavatories on main floor, composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.

Owner—Portuguese DES Assn., 422 J St., Los Banos.  
 Architect—Jos. Losekann, 1218 West Harding St., Stockton.  
 Low Bidder—Clyde D. Jones, Los Banos.

Complete bids follow:  
 Clyde D. Jones, Los Banos.....\$24,345  
 Frank Pereira, Los Banos.....24,307  
 Frank Neves, Santa Clara.....24,854  
 C. H. Dodd, Stockton.....28,247  
 Vickroy Constr. Co., Stockton.....29,653  
 J. C. Meyers, Stockton.....30,988  
 Ecker Bros., Stockton.....32,600  
 Bids held under advisement.

**9— HOSPITALS**

**BIDS REJECTED**  
**SAN FRANCISCO.**—The Department of Public Works rejected all bids for repairing and reconditioning the steam turbine electric generators at the San Francisco Hospital, Potrero Ave. between 22nd and 23rd Streets.

**Contract Awarded**  
**ADDITION** Cont. Price, \$15,167  
 SAN FRANCISCO, Geary St. and Fifth Ave.  
 One-story reinf. concrete and brick addition to surgery at French Hospital.

Owner—French Hospital Association.  
 Architect—Parr & Hildbrandt, 110 Sutter St., San Francisco.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Contractor—Grant-Martineilh Construction Co., 44 Mary St.

**Contract Awarded**  
**HOSPITAL ADDITION** Cont. Price, \$109,990  
 SACRAMENTO, Sacramento Co., Cal. 52nd and F Streets.  
 Two-story tireproof maternity hospital addn. (48 beds) steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Contractor—Campbell Constr. Co., 800 R St., Sacramento.  
 Complete bids published Feb. 5.

**CONTRACT AWARDED**  
**SAN FRANCISCO.**—California Steel Products Co., Bay and Taylor Sts., at \$9,938, awarded contract by the Department of Public Works for repairs to the boilers in the power house at the San Francisco Hospital, Potrero Ave. bet. 22nd and 23rd Sts.

**CONTRACT AWARDED**  
**SAN FRANCISCO.**—C. R. Reichel Engr. Co., 737 Clementina Street, at \$1,897, awarded contract by the Department of Public Works, for furnishing and installing automatic draft control for boilers at the San Francisco Hospital, Potrero Avenue between 22nd and 23rd Sts.

**Bids Opened**  
**HOSPITAL BLDGS.** Cost, \$ .....  
 STOCKTON, San Joaquin Co., Calif. Stockton Hospital Farm.

Group of seven buildings or units interconnected by a covered cloister (male patients), reinforced concrete construction, steel sash, tile roofs.

Owner—State of California, Department of Institutions.  
 Architect—Geo. F. McDougall, State Architect, Public Works Bldg., Sacramento.

Low bidders on each segregation follow:

GENERAL.—Campbell Construction Co., 800 R St., Sacramento: \$331,762.

PLUMBING—M. R. Carpenter, 907 Front St., Sacramento: \$30,950.

**HEATING & VENTILATING—M. R. Carpenter, 907 Front St., Sacramento: \$33,581.**

**ELECTRIC—Spencer Electric Co., 370 Natoma St., San Francisco: \$12,508.**

Complete bids follow:  
**GENERAL WORK**

Campbell Constr. Co., Sacramento .....\$331,762  
 K. E. Parker Co., S. F. ....349,909  
 H. Mayson, Los Angeles.....359,542  
 Fred J. Early Jr., S. F. ....369,096  
 Barrett & Hulp, S. F. ....391,171

**PLUMBING**  
 M. R. Carpenter, Sacramento \$ 30,959  
 Hateley & Hateley, Sacra-

mento ..... 32,718  
 Anderson & Rowe, S. F. .... 33,982  
 Scott Co., San Francisco ..... 34,947  
 Luppen & Hawley, San Francisco ..... 35,144  
 Miller Hayes Co., Stockton ..... 35,885  
 J. A. Fazio, Oakland ..... 38,643

**HEATING & VENTILATING**  
 M. R. Carpenter, Sacramento, \$ 33,581  
 Miller Hayes Co., Stockton ..... 26,458  
 Hateley & Hateley, Sacto. 36,840  
 Pacific Heating & Ventilating Co., Oakland ..... 37,530  
 Anderson & Rowe, S. F. .... 37,926  
 Luppen & Hawley, Sacto. .... 34,997  
 Scott Co., San Francisco ..... 39,215  
 Consolidated Heating & Ventilating Co., Los Angeles ..... 39,965

**ELECTRIC**  
 Spencer Electric Co., S. F. ....\$ 12,808  
 Reliable Elevator Co., Sacto. .... 13,800  
 H. S. Tuttle Co., S. F. .... 13,900  
 Norman A. Russell, Santa Fe ..... 14,439  
 Eddy Electric & Mechanical Co., Stockton ..... 14,626  
 American Electric Constr. Co., San Francisco ..... 14,947  
 Luppen & Hawley, Sacto. .... 15,417  
 Bids held under advisement.

**10— HOTELS**

**Contract Awarded**  
**ADDITION** Cost, \$ .....  
 SANTA BAREBARA, Calif. East Cabrillo Boulevard.  
 Three-story (50 rooms) frame and stucco addition to the Mar Monte Hotel (18 baths, four kitchens) shake roof, wood and plaster interior, steam heat, gas fired hot water, oak floors, metal medicine cabinets, wood sash, some tile work.  
 Owner—Allied Properties, 437 S. Hill St., Los Angeles.  
 Architect—G. A. Dalley, 210 Post St., San Francisco.  
 Contractor—Andrew C. Jensen, 220 E. Figueroa St., Santa Barbara.

**Completing Working Drawings**  
**HOTEL** Cost, \$3,500,000  
 SAN FRANCISCO, Calif.  
 Twenty-seven-story steel frame Class A hotel building of modernistic architecture; main structure to be fifteen stories in height with two towers of twelve stories each above consisting of 1200 rooms, suites and baths, convention auditorium and roof garden to occupy two top floors of main structure extending full length of building; swimming pool, three dining rooms, bachelor bar, cocktail lounge, shops, garage, etc. towers will contain housekeeping and bachelor suites, entire building will be air-conditioned with individual temperature regulation in each room.  
 Owner—New York Corporation.  
 Manager of Construction—A. F. Krenkel, 1056 Post St., San Francisco.  
 All contractors wishing to figure plans are requested to file names with Mr. Krenkel within the next ten days.  
 Separate bids will be taken as follows:  
 (1) General Work; (2) Plumbing;

(3) Heating and Air-Conditioning;  
(4) painting and decorating, and (5) tile work.

### 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

#### BIDS OPENED

**SAN FRANCISCO**—York Ice Machinery Corp., 234 9th St., at \$2,137 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5239 for furnishing and installing air conditioning equipment in the Controller's office at the City Hall.

Complete bids follow:  
York Ice Machinery Corp. \$2,137.00  
Empire Heating Co. 2,214.00  
E. Ward & Co. 2,970.00  
Cochran & St. John, Ltd. 3,243.32  
Scott Co., Inc. 3,234.00  
Atlas Heating Company's bid of \$2,335, was declared invalid as accompanying check with not 10% of the bid.

#### 14— RESIDENCES

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**SACRAMENTO**, Calif. 2731 12th Ave.  
One-story frame and stucco residence.

Owner—J. D. Brooks  
Architect—Not Given.  
Contractor—T. A. Scott, 1716 Caramay St., Sacramento.

**Contract Awarded**  
**RESIDENCE** Cost, \$3,150  
**SAN MATEO**, Calif. Lot 365, San Mateo Park.

Two-story frame and stucco residences and garden.  
Owner—Theodore Wright, 65 Market St., San Francisco.  
Architect—Hervey P. Clark, 210 Post St., San Francisco.  
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

**Low Bidder**  
**RESIDENCE** Cost, \$ —  
**WOODSIDE**, San Mateo Co., Calif.  
Two-story frame residence, dog kennel, garage.

Owner—L. H. Perkins, care Architect.  
Architect—Bakewell & Weiss, 251 Kearny St., San Francisco.

**Low Bidder**—F. S. Marshall, 906 Ashbury St., San Francisco.

**Low Bidder**  
**RESIDENCE** Cost, \$ —  
**SAN JOAQUIN COUNTY**, Cal. Seven miles from Stockton.

Monterey style residence (11 rooms, and 3 baths) shake shingle roof, hardwood floors, oil burner fired hot air heat, steel and wood sash, tile showers, etc.

Owner—S. H. Hall  
Architect—J. C. Dawdley, Exchange Bldg., San Francisco.

**Low Bidder**—E. Meno, Rt. 2, Box 452, Stockton.

**Contract Awarded**  
**RESIDENCES** Cost \$2,500 each  
**SAN FRANCISCO**, S. Farallones E. of Sausalito St.

Frame and basement frame residences.

Contractor—C. A. H. Olson, 242 Vienna St., San Francisco.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND**, Alameda Co., Calif. 3579 St. Paul Court.

Two-story frame and stucco residence (5 rooms).  
Owner and Builder—W. A. Netherby, 2353 Lyman Road, Oakland.

Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
**SAN FRANCISCO**, Cayuga and San Juan Streets.

Two one-story frame and stucco residences (5 rooms) tile and composition roofs, gas fired hot air heating system, hardwood floors, tile baths, etc.

Owner and Builder—A. de Benedetti, Architect—D. E. Jaekle, 126 Post St., (1555)

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$8,000  
**FRESNO**, Fresno Co., Calif. 612-814 McKinley Street.

Duplex residence.

Owner—Belle E. Millward, 737 University Ave., Fresno.

Architect—Not Given.

Contractor—Harris Const. Co., 577 McKinley Ave., Fresno.

**Plumbing and Heating**—G. B. Phillips, 2612 Belmont St.

**Electric Wiring**—E. A. Goodenough, Route 1, Box 56.

**Lumber**—Shipman Lumber Co.

**Mill Work**—Hollenbeck & Bush Planning Mill Co., P. O. Box 695.

**Lathing and Plastering**—G. W. Purcell, 235 Abby St.

All of Fresno.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**OAKLAND**, Alameda Co., Cal. 6921 Rockwell St.

Two-story frame and stucco residence (5 rooms, 3 baths), steel sash, hardwood floors, tile baths, tile roof, hot air gas furnace, double garage, Spanish style.

Owner—Walter Dreger.

Architect—Ray Keefer, 555 Mandana Blvd., Oakland.

Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
**PIEDMONT**, Alameda Co., Calif.

Two-story frame and stucco residence (7 rooms, 2 baths), shake roof, wood sash, gas fired hot air heating system, hardwood floors, tile baths, etc.

Owner & Builder—George Muther, 5519 Thomas St., Oakland.

Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**SOUTH SAN FRANCISCO**, San Mateo Co., Calif. Parkway Terrace.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.

Owner—Charles Sellick, care Architect.

Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contractor—M. Dickson, Box 1, San Bruno.

**Plans Completed**  
**RESIDENCES** Cost, \$5,000 each  
**SAN MATEO**, Calif.  
Sixteen one-story reinforced concrete residences (4 and 5 rooms each), shake, shingle and composition roofs, gas heating systems, hardwood floors, tile baths, etc.

Owner and Architect—O. A. Deichmann, 110 Sutter St., San Francisco.

Sub bids are now being taken by Mr. Deichmann on all portions of the work for the construction of the first residence.

**Bids 1—Held under Advertisment**  
**ALTERED RESIDENCE** Cost, \$ —  
**SAN FRANCISCO**, 2701 Pierce St. St. Paul Court.

Owner—Charles Kendrick, 2701 Pierce Street.

Architect—W. C. Perry, 259 California Street.

Plans were figured by the following

selected list of contractors:  
Moore & Madsen, 557 Market St.  
G. P. W. Jensen & Sons, Inc., 330 Market Street.  
Jackels & Irvine, 620 Market St.  
G. H. Hansell, 1334 Geary St.  
All of San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$16,661  
**MONTEREY CO.**, Calif. Pajaro District, Struve Ranch.

Two-story stucco ranch house.  
Owner—Nelsie H. Struve, Watsonville.  
Architect—William W. Wurster, 250 California St., San Francisco.  
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**STOCKTON**, San Joaquin Co., Calif. 2906 Westminster Ave.

Two-story frame and stucco residence (5 rooms), and garage.

Owner—E. E. Bravo, 801 W. Bristol Ave.

Architect—Not Given.

Contractor—C. I. Carlson, 807 North Madison St.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
**LOS ALTOS**, Santa Clara Co., Calif. Stockton, 2-bath residence (5 rooms, 2 baths), 2-car garage.

Owner—Name withheld.

Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contractor—Donald Reimold, 435 Loreto St., Mountain View.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$8,000  
**SAN JOSE**, Santa Clara Co., Calif. 682 S. 13th St.

One-story frame and stucco residence (6 rooms).

Owner—Dr. L. S. Whitaker, St. Claire Bldg., San Jose.

Architect—Not Given.

Contractor—H. L. Wold, 1130 N. 2nd St., San Jose.

**Plumbing, Heating & Sheet Metal**—Chas. A. Merritt & Son, 584 S. First St.

**Roofing**—California Roofing Co., Inc., 72 N. 4th St.

**Electric Wiring**—Santora Electric Shop, 31 Page St.

**Tile Work**—Simpson Tile Co., 46 West Julian St.

**Glass**—Le Delt Glass Co., 762 Lentzen Ave.

**Hardwood Floors**—Best Floor Co., 1519 Park St.

**Brick & Stone Work**—H. F. Reddiker, Route 1, Box 419-A.

**Grading**—Dan Dorra, 1135 N. 1st St.

**Lumber**—McElroy-Chelm Lumber Co., 1450 The Alameda.

**Painting**—Y. Bakken, 569 N. 3rd St.

**Lathing & Plastering**—Mozir & Carlsen.

All of San Jose.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$1,700 each  
**SAN FRANCISCO**, 47th Ave. north of Rivera St.

Three one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, etc.

Owner and Builder—Sassco Housing Company.

Architect—C. O. Clausen, 746 46th Avenue.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000-\$6,000  
**SAN FRANCISCO**, SE 26th Avenue and Vicente St.

Two one-story frame and stucco residences (5 rooms each) hardwood floors, tile baths, etc.

Owner and Builder—Dominic Tiscornia.

Architect—C. O. Clausen, 746 46th Avenue.



**Contract Awarded**  
RESIDENCE Cost, \$14,119  
PALO ALTO, Santa Clara Co., Cal.  
Lot 12 Bk 121, Crescent Park.  
Two-story frame and stucco residence.  
Owner—A. Ramwell, 185 Edgewood Drive, Palo Alto.  
Architect—Henry C. Collins, Decker-oak Bldg., Palo Alto.  
Contractor—Aro & Okerman, Box 433 Palo Alto.

**Contract Awarded**  
RESIDENCE Cost, \$30,000  
BAKERSFIELD, Kern Co., Calif.  
Residence (24 rooms), concrete slab foundation, steel sash, indirect lighting, air cooling system, red top insulation, acoustical plaster on ceiling, Monel metal sinks and counter tops, aluminum stair rail, marble fireplace, shake roof, etc.; and swimming pool 20x40 ft.  
Owner—Mrs. Katherine Hill, Architect—Franklin & Kump, Haberfelde Bldg., Bakersfield.  
Contractor—J. M. Eggleston, 10511 St. James Ave., South Gate.  
Following sub contracts have been awarded:

Lumber—King Lumber Co., 2 Sumner St., Bakersfield.

Plumbing—A. E. Abbott, 910 Monterey St., Bakersfield.

Electrical—W. T. Drury, 615 19th St., Bakersfield.

Brick & Plaster—Pat Sughree, 1729 Quincy St., Bakersfield.

Heating & Air Conditioning—W. M. McKenney, 2226 Oregon Drive, Bakersfield.

Ornamental Iron—Karl Shaefer, 2016 K St., Bakersfield.

Floors—O. W. Newman, 1713 Second, Bakersfield.

Steel—Truscon Steel Co.  
Tile & Insulation—O. W. McNay, 1669½ Chester, Bakersfield.

Glass—Bakersfield Glass Co., 1715 9th St., Bakersfield.

Wood Shakes—Bakersfield Sandstone Brick Co., 501 Sonora, Bakersfield.

Steel Sash—Druwhit Metal Products Co., 4605 E. 48th St., Los Angeles.

Excavation—Alasco Construction Co., 315 Paramount Blvd., Clearwater.

Rock & Sand—Kern Rock Co., China Grade, Bakersfield.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,000  
PIEDMONT, Alameda Co., Calif. 71

Widow's Gardens  
Two-story frame and stucco residence (8 rooms) and garage.

Owner & Builder—H. P. Fisher, 376 17th St.  
Architect—W. E. Schirmer, Bank of America Bldg.

**Contract Awarded**  
RESIDENCE & STORE, Cost, \$8,000  
OAKLAND, Alameda Co., Cal. 2401 8th Ave.

Two-story frame and stucco residence (6 rooms) and store.

Owner—Gordon Clarke, 522 Zorah Ave.  
Architect—Not Given.

Contractor—T. H. Lapham, 546 Kenmore Ave.

**Plans Completed**  
RESIDENCE Cost, \$10,000  
SAN FRANCISCO, Pinedale Park, Gabilan Way and Crestlake Dr.

Two-story frame and stucco residence (8 rooms, 2 baths), asphalt shingle roof, hot air heating system, wood sash, hardwood floors, tile bathtubs, garage, etc.

Owner & Builder—A. J. Herzig, 700 Sloat Blvd.  
Architect—Albert H. Larsen, 333 Kearny St.

**Plans Being Figured — Bids Close March 1**  
RESIDENCE Cost, \$.....

SAN FRANCISCO, Calif. St. Francis Wood.

Two-story frame and brick veneer residence (9 rooms, 3 baths), tile shingle roof, tile wainscot floors and bathtubs, gas and hot water heat, hardwood floors, etc.

Owner—Dr. Wilbur J. Cox, 21 Mercedes Way.  
Architect—Masten & Hurd, 233 Post St.

Following are figuring plans:  
M. A. Little Co., Inc., 107 24th Ave. H. Papenhausen.

H. L. Petersen Constr. Co., 731 Treat Ave.

Moore & Madsen, 557 Market St. William Martin, 666 Mission St.

G. P. W. Jensen & Sons, Inc., 320 Market St.

All of San Francisco.

**Preparing Plans**  
RESIDENCE Cost, \$15,000  
PIEDMONT, Alameda Co., Calif.

Two-story and basement frame and stucco residence (10 rooms, 3 baths), half timber, shake roof, gas fired hot air heating system, wood sash, hardwood floors, tile bathtubs, garage, etc.

Owner—Name Withheld.  
Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

Bids will be asked in about two weeks.

**Completing Plans**  
RESIDENCE Cost, \$4,000  
KENTFIELD, Marin Co., Calif.

One-story frame and stucco residence (5 rooms), shake roof, hardwood floors, tile bath, etc.

Owner—D. Cohn, care Architect.  
Architect—D. E. Jaekle, 126 Post St.

**CONTRACT AWARDED**  
TORRANCE, Los Angeles Co., Cal.

—Eser Wikholm, 656½ S. Western Ave., Los Angeles, at \$19,700, awarded contract by the Torrance city council for the construction of a steel frame administration building and addition to public assembly building in Torrance, a PWA project.

Plans by Architects A. R. Walker and P. A. Eisen, Los Angeles.

**COMPLETING PLANS**  
ARCADIA, Los Angeles Co., Cal.—U. S. Forest Service, Phelan Bldg., San Francisco, is completing plans for a storage and distributing headquarters for all Southern California National forests, to be built on Santa Anita Ave., north of Huntington Dr., Arcadia. The headquarters will consist of three frame and corrugated iron warehouses, one 48x106 feet in area, and the other two each 40x80 feet, a residence and an administration building. Cost estimated at \$100,000.

February 25, 1937.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.

One-story ranch-type residence (6 rooms, 2 baths), hollow tile walls and partitions, stucco exterior, concrete and hollow tile floors, cedar shake roof, tile bathtubs, etc.

Owner—Dr. Carr.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Plans and specifications will be completed in about one week.

**Bids In—Held Under Adjudgment**  
SORORITY HOUSE Cost, \$.....  
BERKELEY, Alameda County, Cal.

Channing Way.  
Two-story frame, stucco and brick sorority house.

Owner—Gamma Phi Beta 2732 Channing Way, Berkeley.  
Architect—W. W. Wurster, 260 California St., San Francisco

Announcement shortly.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
FRESNO, Calif. 920 Cambridge St.

One-story frame and stucco residence.

Owner—L. G. Rotti, care Contractor.  
Architect—Not Given.

Contractor—W. H. Richmond, 1379 Adoline St., Fresno.

**Bids In—Under Adjudgment**  
RESIDENCE Cost, \$.....  
KENSINGTON PARK, Contra Costa Co., Calif.

Residence.  
Owner—Withheld.

Architect—Miller & Warnecke, Financial Center Bldg., Oakland.  
Announcement will be made in the near future.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda County, Calif.

Carlston Avenue and Santa Rey, Piedmont Heights.

Two-story frame and stucco Spanish style residence (3 bedrooms, 2 baths, two lavatories), tile roof, hardwood floors, tile bathtubs, wood sash, gas heat.

Owner—Mr. and Mrs. J. Fredkin.  
Architect—Edwin Lewis Snyder, 2104 Addison Street, Berkeley.

Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

**Bids In—Held Under Adjudgment**  
RESIDENCE Cost, \$.....  
KENTFIELD, Marin Co., Calif. Del Mesa Tract.

Two-story frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, hardwood floors, tile bathtubs, two garages.

Owner—D. J. Miller, care Architect.  
Architect—C. F. Gromme, Freitas Bldg., San Rafael.

Announcement shortly.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,000  
OAKLAND, Alameda Co., Cal. 1067 Norwood Avenue.

Two-story frame and stucco residence (6 rooms).

Owner and Builder—A. R. Lapham, 947 Hillcroft Circle, Oakland.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$15,000  
OAKLAND, Alameda Co., Cal. 57-58 Glenbrook Drive.

Two-story frame and stucco residence (9 rooms).

Owner and Builder—Chas. E. Bardwell, Jr., 5910 Acacia Ave., Oakland.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
PIEDMONT, Alameda Co., Cal. Lot 10, Willow Gardens.

One-story frame and stucco residence.

Owner—C. W. Kraft, care architect.  
Architect—Wm. Edw. Schirmer, 910 Bank of America Bldg., Oakland.

Contractor—Harry Glynn, 6023 Colby St., Oakland.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000 each  
SAN FRANCISCO, SE 26th Avenue and Vicente Street.

Two one-story and basement frame and stucco residences.

Owner and Builder—Dominic Theodorini, 1651 Alameda Blvd.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$7,500  
SAN FRANCISCO, E Santa Paula Ave. and Yerba Buena Blvd.

Two-story and basement frame and stucco residence.

Architect—Not Given.  
Contractor—E. G. Steingger, 1123  
Clinton St., Redwood City.

**Contract Awarded**  
**ALTER STORE** Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
Main and Hunter Streets.  
Install new mezzanine floor in the  
Breuner Furniture store.  
Owner—John Breuner Co., 202 East  
Main Street, Stockton (Ernest  
Staata, store manager).  
Architect—Not Given.  
Contractor—Lewis & Green, Bank of  
America Bldg., Stockton.

**BIDS WANTED**  
PHOENIX, Ariz.—Until March 5,  
bids will be received by the J. J.  
Newberry Co., 245 Fifth Ave., New  
York City, for a three-story reinforced  
concrete store building to be  
built at 34 W. Washington Street,  
Phoenix, for the company. Cost,  
\$250,000. Plans prepared by H. C.  
Hoffman, company architect. 16

February 25, 1937.  
**Bids In—Held Under Advertisment**  
**ALTERATIONS** Cost, \$.....  
SAN FRANCISCO. Scott and Chest-  
nut Streets.  
Alterations and additions to 1-story  
and basement frame building.  
Owner—Carl Wunner, car architect.  
Architect—George H. Wiemeyer, 605  
Market Street.  
Announcement shortly.

**Reinforcing Steel & Concrete Bids**  
**Being Taken**  
**ALTERATIONS** Cost, \$.....  
OAKLAND, Alameda Co., Cal. 3301  
Foothill Blvd.  
Alterations to bank building (Thirty-  
third Avenue Branch).  
Owner—Capital Co., 625 Market St.,  
San Francisco.  
Plans by Construction Department  
of Owner.

Bids are being received in the Oak-  
**Bids Opened**  
**STORE BLDG.** Cost, \$14,000.  
SANTA ROSA, Sonoma Co., Calif.  
Mendocino Avenue.  
One - story reinforced concrete store  
bldg. (plate glass and tile front,  
composition roof, wood sash).  
Owner — Independent Order of Odd  
Fellows.  
Architect — John I. Easterly, Santa  
Rosa and Healdsburg.  
Low Bidder—C. L. Personett, 731  
Santa Rosa Ave., Santa Rosa,  
\$12,830.

Complete bids follow:  
C. L. Personett.....\$12,830  
J. Cheerhart.....13,370  
W. Olsen, Petaluma.....13,690  
A. M. Hildebrand.....14,879  
R. F. Knight.....15,213  
W. J. Bohn.....15,346  
C. W. Hansen.....17,017  
All of Santa Rosa unless other-  
wise noted.

## 17— THEATRES

**Preparing Preliminary Plans**  
**THEATRE** Cost, \$50,000  
MERCED, Calif. Strand Theatre.  
New one-story reinforced concrete  
theatre (to seat 900).  
Owner—Golden State Theatre Corp.,  
25 Taylor St., San Francisco.  
Architect—Jorgenson & Delchmann,  
associated architects, 321 Bush  
St., San Francisco.

**Preparing Plans**  
**RECONSTRUCTION** Cost, \$ .  
SAN FRANCISCO 1741 Powell St.  
Reconstruct fire damage at Milano  
Theatre.  
Owner—Golden Gate Theatre and  
Realty Corporation.  
Architect—A. A. Cantlin, 64 Pine St.

## 18— WHARVES & DOCKS

**CONTRACTS AWARDED**  
SAN FRANCISCO.—John O'Leary,  
149 Hancock St., at \$3,967 on Con-  
tract A, for wrecking and remov-  
ing parts of the shed and bulkhead  
building; and Edwin Anderson, 988  
Gilman Ave., at \$6,250 on Contract  
B, for cleaning and sandblasting the  
interior and framework of parts of  
the shed and bulkhead building,  
awarded contracts by the Board of  
State Harbor Commissioners, Frank  
G. White, Chief Engineer, Ferry  
Bldg., for work on Pier 46, recently  
damaged by fire.  
Complete bids published Feb. 12.

**BIDS WANTED**  
SAN FRANCISCO.—Until March 4  
2 P. M., informal bids will be re-  
ceived by the Board of State Har-  
bor Commissioners, Room 19, Ferry  
Bldg., Frank G. White, Chief Engi-  
neer, for the construction of a scale  
pit at the Islais Grain Terminal on  
the waterfront.

The work includes the construction  
of the scale pit only. Work of  
installing the scale mechanism and  
the platform will be done by others  
after the scale pit is constructed.  
The materials to be used shall con-  
sist of Douglas fir piles, portland ce-  
ment, concrete aggregate and steel  
reinforcement. Piles shall be 75 ft.  
in length, not less than 8-in. at the  
top and 15-in. at the butt.  
Plans and specifications obtainable  
at Room 18, Ferry Bldg., upon de-  
posit of \$5.00.

## 19—MISC. CONSTRUCTION

**PREPARING PLANS**  
CULVER CITY, Los Angeles Co.,  
Cal.—Metro-Goldwyn-Mayer Studios,  
16292 Washington Blvd., Culver City,  
are having plans prepared by their  
architectural department for five  
large sound stages to be built on  
the studio site in Culver City. They  
will be steel frame structures and  
will cost about \$550,000. Consolidated  
Steel Corp. will furnish and erect  
the steel. 7

**CONTRACT AWARDED**  
SANTA MARIA, Santa Barbara  
Co., Calif.—The Fluor Corp., Ltd., 909  
E. 59th St., Los Angeles, awarded  
contract by the Union Oil Co. for  
constructing heaters at two pumping  
plants in connection with the own-  
er's oil transport line between the  
Santa Maria field and its pipe line  
between Orcutt and Avila. The in-  
stallation will be at the pumping  
plant to be constructed at the Santa  
Maria field and the other at Sum-  
mit, near Berros. In addition to the  
heating equipment, the Union Oil Co.  
will construct the pumping plants,  
two 55,000-gal. storage tanks and  
the 8-in. pipe line mentioned above.  
Pipe has been distributed along the  
route and work will start shortly.  
Lafe Todd is General Manager for  
the Orcutt-Santa Maria district

**Award Recommended**  
**ALTERATIONS** Cost, \$20,000  
BERKELEY, Alameda Co., Cal. Ber-  
keley Senior High School.  
Rehabilitating two existing swim-  
ming pools in boys' and girls'  
gymnasium (each pool 32x75-ft.)  
taking out brick walls and re-  
placing with gunite or concrete  
and strengthening roof and  
frames of building (one 50x95-  
ft. and one 50x120-ft.).

Owner—Berkeley Unified School Dis-  
trict (Clara F. Andrews, Secre-  
tary), 2325 Milvia Street.  
Structural Engineer—Thos. F. Chace,  
Berkeley Board of Education.  
Low Bidder—Central California Con-

struction Co., 115 Burrows St.,  
San Francisco, \$23,490 (deduct  
\$25 for salvaged materials).

The Board has recommended to  
the PWA that contract be awarded  
Central California Const. Co.

**PREPARING PLANS**  
FILLMORE, Ventura Co., Calif.—  
Texas Company, 929 S. Broadway,  
Los Angeles, is preparing plans for  
a gasoline processing plant to be built  
five miles south of Fillmore. In-  
cluded in the plant will be two cool-  
ing towers, compressor house, boiler  
house, several distillation units, stor-  
age house, and an office building.  
They will be steel frame structures.  
Upon completion of the plans, bids  
will be taken by the owner. Pipe  
work, including installation of stills  
and the boiler plant, will be let under  
a separate contract. Myers Bros.,  
3407 San Fernando Rd., Los Angeles,  
have the contract for grading the  
site and the concrete work.

## 20—MISC. SUPPLIES AND MATERIALS

**CONTRACT AWARDED**  
BARTLETT DAM, Arizona.—Riv-  
erside Cement Co., California Port-  
land Cement Co., Southwestern Port-  
land Cement Co., and the Monolith  
Portland Cement Co., all of Los An-  
geles, at \$44,692.64, awarded con-  
tract by the Bureau of Reclamation,  
Denver, for furnishing 200,000 blbs.  
of cement for the Bartlett Dam, Salt  
River Project, Arizona. 7

**CONTRACT AWARDED**  
LOS ANGELES, Cal.—Emaco Der-  
rick & Equipment Co., 6811 S. Ala-  
meda St., awarded contract by the  
Intropolitan Water District, at \$11-  
857.10, for furnishing 3100 ft. of 18-in.  
lap weld black steel pipe, Bid No.  
77697, for use at the Lawrence Adit  
of the San Jacinto Tunnel. Price,  
10b Banning. 7

**CONTRACT AWARDED**  
LOS ANGELES.—Crane Co., 321 E.  
3rd St., Los Angeles, at \$7,600, award-  
ed contract by the County Sanita-  
tion District No. 2, for furnishing 2  
60-in. double disc pressure cylinder  
operated, iron body, Monel mounted  
gate valves. The award was made  
subject to PWA approval. Bids were  
opened Feb. 10. The equipment is to  
be delivered f.o.b. Ocean Portal, Unit  
No. 1, Joint Outfall Sewer, White's  
Point. A. K. Warren is the Chief  
Engineer.

**CONTRACT AWARDED**  
LOS ANGELES.—Stuart Oxygen  
Co. at \$1,204, awarded contract by  
the U. S. Engineer Office, Los An-  
geles, for furnishing 30,000 cu. ft.  
acetylene gas at \$2.20 and 50,000 cu.  
ft. oxygen at \$0.94 during period en-  
ding June 30, 1937. Circ. Prop. No.  
265.

**CONTRACTS AWARDED**  
ALL-AMERICAN CANAL.—Mil-  
waukee Bridge Co., Milwaukee, Wis.,  
at \$32,955 on item 1, and at \$8,452 on  
item 2, awarded contract by the Bu-  
reau of Reclamation, Denver, under  
Spec. No. 718, for furnishing struc-  
tural steel and steel castings for the  
highway bridges at Stations 1635  
plus 49.3 and 1930 plus 30.2, All-  
American Canal, Boulder Canyon  
Project.

**CONTRACT AWARDED**  
LOS ANGELES.—Hazard Insulated  
Wire Works, at \$10,143.73, awarded  
contract by the Los Angeles Water  
& Power Commission for furnishing  
lead-covered permfonite insulated cop-  
per wire and flameproof varnished  
cable and asphalt for insulated wire  
under Spec. No. 2202.

SACRAMENTO CO., Calif. Sacra-  
Two-story reinforced concrete and  
steel headquarters building, Spec.  
No. 313-E (140x145 feet), marble  
rounda with terrazzo floors,  
built-up roofing, asphalt and tile  
floors, estimated cost, \$92,000;  
and 2-story reinforced concrete  
and steel fire and guardhouse  
building, Spec. No. 312-E (main  
portion 60x49, with annex 24 ft. 9  
in. x 25 ft.), built-up roof of 5-  
ply asphalt, asphalt, quarry and  
ceramic tile floors, flat roof,  
plaster walls and ceiling, esti-  
mated cost, \$43,000.

Owner—U. S. Govt. (Maj. Arthur W.  
Parker, Constructing Quarter-  
master, Old Post Office Termi-  
nal Bldg., Sacramento).  
Low Bidder—Azevedo Construction  
Company, 920 O Street, Sacra-  
mento, \$116,335.

Plans prepared by the office of the  
Quartermaster General, Con-  
struction Division, Washington, D. C.  
(1) Lump sum construction and  
completion of one Fire and Guard  
House and one Headquarters  
Building, including utilities;

(2) Add or Deduct if ceramic tile  
and quarry tile floors, base and  
wainscots in toilets of both the  
Fire and Guard House and Head-  
quarters Building are omitted  
and concrete floors (integral fin-  
ish), cement base, colored Keene  
cement smooth finish plaster, all  
exposed concrete rubbed smooth  
and the plaster and concrete  
walls and ceilings painted as  
specified are substituted;

(3) Add or deduct if the exposed ag-  
gregate concrete or cast stone  
(contractor's option) for parapet  
copings on both the Fire and  
Guard House and Headquarters  
Building and the band and con-  
crete second story windows, band around  
hose tower on the Fire and  
Guard House; and all cast stone  
where shown on both the Fire  
and Guard House and Headquar-

ters Building are omitted and  
terra cotta as specified is substi-  
tuted;

(4) Add or deduct if all built-up roofs  
on both Fire and Guard House  
and Headquarters Building are  
constructed of asphalt in lieu of  
tar;

(5) Deduct if the wrought-iron gates  
are omitted on the Fire and  
Guard House;

(6) Deduct if second story porch  
roof and columns are omitted  
from Fire and Guard House;

(7) Deduct if intermediate weight  
casement windows (heavy casement  
windows and sub-frames over east  
and west entrances and base-  
ment windows to remain) are  
omitted and light weight  
casement windows substituted in  
the Headquarters Building.

(8) Deduct if all marble plasters,  
wainscots, trim, etc. above the  
marble base, including aluminum  
leaf ornament and bands of  
marble plasters, metal moulding  
around marble trimmed openings  
are omitted and gypsum plaster  
plasters, walls, etc., are substi-  
tuted and painted as specified, in  
the Headquarters Building;

(9) Deduct if ornamental terrazzo  
floor, including decorative alu-  
minum inserts in first floor of  
Lobby are omitted and quarry  
tile in floors, except in toilets,  
are omitted and terrazzo floors  
of one color for the field and a  
darker color for the border of  
compositions Nos. 1 and 2 as  
specified, laid off with alu-  
minum separating strips in squares  
approximately two feet six inches  
are substituted, in the Headquar-  
ters Building;

(10) Unit prices:  
(a) Earth excavation, per cu.;  
(b) Rock excavation, per cu.;  
(c) Wet excavation, per cu.;  
(d) Type B concrete, including  
forms, per cu.;  
(e) Exposed aggregate concrete

per sq. ft.;

(f) Reinforced steel, per ton

(g) Brick in place, per M.;

(h) Gypsum plaster, including  
lath, per sq. yd.;

(i) Acoustical plaster, including  
lath, per sq. yd.;

(j) Asphalt floor tile, per sq. yd.

(k) Marble, per sq. ft.

(l) Cast stone, per cu. ft.

Total bids follow:

(A) Azevedo Const. Co., Sacramento,  
\$116,335.00 (completion begin in  
days); 19; (finished in days) 300.

(B) A. Nelson, Inc., San Francisco;  
\$117,997.00; 10 days; 300 days.

(C) Peterson & Steinbrenner, Sacra-  
mento, \$119,220.00; 10 days; 300  
days.

(D) Meyer Const. Co., San Fran-  
cisco; \$119,550.00; 10 days; 360  
days.

(E) C. L. Wold Const. Co., San Fran-  
cisco; \$123,023.00; 10 days; 250  
days.

(F) E. C. Amoroso & Sons, San Fran-  
cisco; \$124,800.00; 10 days; 280  
days.

(G) Villades Bros., Oakland; \$124,-  
875.00; 30 days; 300 days.

(H) Campbell Const. Co., Sacra-  
mento; \$126,144.00; —; —.

(I) Robert E. McKee, Los Angeles;  
\$126,600.00; 20 days; 400 days.

(J) B. A. Hawkins & Co., San Fran-  
cisco; \$126,835.00; 60 days; 250  
days.

(K) L. Dioguardi and J. Millett, Jr.,  
Sebastopol; \$127,800.00; 10 days;  
280 days.

(L) Earl W. Heple, San Jose; \$136,-  
584.00; 10 days; 180 days.

(M) Schuler & McDonald, Oakland;  
\$143,000.00; 15 days; 235 days.

\*Bids modified by telegram. Basic  
bid of A. Nelson, Inc., at \$140,000  
modified by telegram reducing total  
by \$22,003, making a net total of  
\$117,997. Basic bid of Schuler and  
McDonald, at \$175,000 modified by  
telegram reducing total by \$32,000,  
making a net total of \$143,000.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$116,335.00	\$117,997.00*	\$119,220.00	\$119,550.00	\$123,023.00	\$124,800.00	\$124,875.00	\$126,144.00
(2)	-1,400.00	-1,425.00	-1,200.00	-800.00	-425.00	-1,200.00	-1,690.00	-1,100.00
(3)	+4,360.00	+2,333.00	+2,635.00	+2,590.00	+3,200.00	+2,350.00	+2,200.00	+2,000.00
(4)	-428.00	-493.00	-496.00	-290.00	500.00	150.00	-200.00	500.00
(5)	550.00	487.00	558.00	500.00	-1,245.00	-450.00	-550.00	550.00
(6)	-350.00	-211.00	-287.00	-225.00	-465.00	-300.00	-350.00	350.00
(7)	-325.00	-431.00	-739.00	-425.00	-431.00	-600.00	-360.00	-400.00
(8)	-3,700.00	-3,279.00	-3,328.00	-3,935.00	-3,921.00	-3,700.00	-3,750.00	-3,428.00
(9)	+560.00	-25.00	+562.00	-365.00	-1,176.50	+250.00	-780.00	+550.00
(a)	4.00	2.00	2.00	2.00	1.00	3.00	1.50	3.00
(b)	2.50	3.50	3.00	2.00	1.25	7.00	4.00	4.00
(c)	20.00	18.00	18.00	14.00	19.00	20.00	20.00	21.00
(d)	+0.50-0.10	.10	.02	.05	.28	15.00	.10	.25
(e)	1.20	100.00	95.00	.90	83.00	1.00	100.00	100.00
(f)	45.00	50.00	42.00	45.00	52.00	48.00	45.00	45.00
(g)	1.25	2.00	1.50	1.75	1.75	2.00	1.75	2.25
(h)	2.00	3.00	2.00	2.00	2.25	2.50	2.25	2.75
(i)	2.00	1.75	2.00	2.00	1.98	3.00	2.10	2.00
(j)	+3.00-1.50	2.00	2.50	2.00	3.00	2.00	1.10	2.50
(k)	+12.00-4.00	1.50	4.00	5.00	1.30	1.50	2.00	1.25
(I)	\$126,600.00	\$126,835.00	\$127,800.00	\$136,584.00	\$143,000.00*			
	-940.00	-1,062.00	-700.00	or -600.00	500.00			
	+2,600.00	+2,570.00	+2,300.00	+1,200.00	+2,745.00			
	-80.00	-735.00	-250.00	-250.00	-185.00			
	-940.00	500.00	487.00	600.00	-240.00			
	-340.00	-290.00	-350.00	-354.00	-95.00			
	-380.00	-267.00	-430.00	-850.00	-400.00			
	-3,800.00	-3,584.00	-3,500.00	-3,000.00	-2,350.00			
	-540.00	+550.00	-2,000.00	-150.00				
	1.00	3.00	1.00	.90	Shovel 0.45 1.00			
	4.00	3.00	5.00	2.00	Shovel 1.50 2.50			
	3.00	3.00	2.00	2.00	Shovel 0.50 1.20			
	19.00	25.00	21.00	21.00	15.00			
	.06	.10	.50	28.00	.50			
	95.00	.06	4.85	.05	97.00			
	15.00	50.00	45	1.25	Common, \$40. Press., \$100			
	1.45	1.75	1.50	.85	1.25			
	2.65	2.85	2.75	1.75	3.00			
	2.00	.24	4.00	.50	.33			
	2.00	1.30	3.00		1.50			
	5.00	2.75	3.00		1.50			

All bids referred to the Quartermaster General, Washington, D. C., for award.  
(1383) 1st report Jan. 21; 2nd, Jan. 25, 1937.

# ENGINEERING NEWS

## NEWSINDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play- grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & High- ways	

## 21— BRIDGES

### BIDS WANTED

**MATANUSKA RIVER, Alaska.**—Until March 8, 11 a. m., bids will be received by the Consolidated Purchasing & Shipping Unit, 411 Federal Office Bldg., Seattle, under Bid No. 01317, for furnishing materials for the Matanuska River Bridge. Specifications obtainable from the above office.

### FUNDS ALLOTTED

**SEATTLE, Wash.**—The PWA has allotted a grant of \$1,522,000 to the City of Seattle to aid in construction of the Mercer Island Bridge, estimated to cost \$3,500,000. Preliminary plans prepared by Puget Sound Bridge & Dredging Co., 2929 16th St., Seattle, call for a steel bridge, 3,387 feet long, reaching from Seward Peninsula to Baker St. on Mercer Island. There will be three spans 350 ft. long, two spans 457 ft. long, and a trestle on east end giving clearance of 175 ft. The bridge is 40 ft. clear of water for the entire length. It will be 35 ft. wide with one 5-ft. sidewalk. Four piers will go down to a depth of 140 ft. There will be a concrete roadway and ornamental lighting system. E. French Chase, City Engineer and member of King County Planning Board.

### BIDS WANTED

**KERN COUNTY, Cal.**—Until Feb. 25, 2 P. M., bids will be received by F. C. Brown, Procurement Office, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1062, for furnishing one 30-ft. structural steel beam span for the Brush Creek Bridge.

Delivery job bidder's shipping point and/or Bakersfield.

Specifications obtainable from the above office.

### BIDS WANTED

**MATANUSKA RIVER BRIDGE, Alaska.**—Until March 8, 11 A. M., as previously reported, bids will be received by the Alaska Railroad, Consolidated Purchasing & Shipping Bureau, 411 Federal Office Bldg., Seattle, under Bid No. 01317, for furnishing complete steel for the following:

- (1) 2 spans of 80 ft. through steel plate girders, each girder having one upper corner square and other top corner rounded;
  - (2) 3 spans of 80 ft. through steel plate girders, each girder having all corners square.
- Each span consists of two girders with shoes, roller nests, bracing, etc. Delivery job contractor's works, above office.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**SAN FRANCISCO.** Until Feb. 23, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-181, for removing all lumber, capping and bracing from trestle, and piling same as on U. S. Engineer Wharf, and pulling 115 wood piles and rafting same; and driving six wood piles. The location of the trestle to be removed is at the northern end of Yerba Buena Shoals fill, and is part of the trestle which extends about 650 ft. north of the U. S. Dredge Sacramento's pipeline. Specifications obtainable from the above office.

### CONTRACT AWARDED

**SAN FRANCISCO.**—Healy - Tibbitts Constr. Co., 64 Pine St., at \$991, submitted low bid and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-181, for removing all lumber, capping and bracing from trestle, and piling same as on U. S. Engineer Wharf, and pulling 115 wood piles and rafting same; and driving six wood piles. The location of the trestle to be removed is at the northern end of Yerba Buena Shoals fill, and is part of the trestle which extends about 650 feet north of the U. S. Dredge Sacramento's pipeline.

The other bids were:  
M. B. McGowan, Inc., S. F. .... \$2,314  
Ben C. Gerwick, S. F. .... 2,400

### PERMIT ASKED

**SAN DIEGO.**—Application has been made by the Superintendent, 18th Lighthouse District, for War Dept. permit to lay a 220-volt submarine power cable from the quarantine station boat landing to the proposed new location of La Playa light and fog signal, which will be mounted on a dolphin located northerly of the outer end of the quarantine station wharf, the outer end of which is to be removed in the near future; and to relay the present 220-volt submarine power cable, now installed between La Playa light and San Diego entrance channel front range light, from the quarantine station boat landing to the range light, in San Diego Harbor. Drawing showing the location and plan of the proposed work may be seen at the office of the U. S. Engineer, 751 S. Figueroa St. Los Angeles, until 11 a. m., March

1. Theodore Wyman, Jr., Major, Corps of Engineers, District Engineer.

## 23— CANALS

### BIDS WANTED

**BOISE PROJECT, Idaho.**—Until March 12, 10 a. m., bids will be received by the Bureau of Reclamation, R. J. Newell, Construction Engineer, Boise, under Spec. No. 721, for the construction of earthwork, canal lining, and structures, Black Canyon Canal, Station 782 plus 80 to Station 1250 plus 00, Payette Division, Boise Project.

The work is located near Emmett, Idaho, and the principal items of work involved are:

- (1) 1,865,000 c. y. of all classes of excavation for canal;
  - (2) 75,500 c. y. of excav. for core banks;
  - (3) 10,400 c. y. of excav. for drainage channels and dikes;
  - (4) 100,000 sta. c. y. of overhaul;
  - (5) 13,470 c. y. of excav. for structures;
  - (6) 4,300 c. y. of backfill;
  - (7) 7,000 c. y. of compacting canal embankments;
  - (8) 16,500 sq. yds. of trimming canal section for concrete lining;
  - (9) 59,500 c. y. of earth lining of canal;
  - (10) 1,250 c. y. of gravel blanket on slopes of canal;
  - (11) 1,155 c. y. of concrete in structs.;
  - (12) 2,185 c. y. of concrete in canal lining;
  - (13) 945 sq. yds. of drydock paving,
  - (14) 1,470 cu. yds. of reinforcement material;
  - (15) Erecting 111,000 lbs. of structural steel in bridges;
  - (16) Erecting 38 M. ft.b.m. of timber in bridges;
  - (17) Laying 704 ft. of 15-in. and 18-in. diam. concrete pipe; and
  - (18) Installing 4,100 lbs. of gates.
- Work shall be commenced within 30 calendar days and completed within 350 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Boise, Idaho; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, \$1.50, not returnable.

### BIDS WANTED

**MODESTO, Stanislaus Co., Cal.**—Until March 1, 2 P. M., bids will be received by the Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, Modesto, for construction work in Improvement District No. 10, as follows:

- SCHEDULE No. 1-A:** Consisting of approximately 40,809 sq. ft. of 2-in. thick concrete canal lining.
- SCHEDULE No. 2:** Consisting of approximately ..... feet of ..... concrete pipe line.
- SCHEDULE No. 2-A:** Consisting of approximately five (5) concrete structures, a total of 8.0 c. y. of concrete.
- SCHEDULE No. 3-A:** Consisting of approximately 40 concrete structures, a total of 34.80 c. y. of concrete; K. T. valves and 14 ft. of 36-in. reinf. concrete pipe and 4-ft. of 30-in. concrete pipe.

(Note: The work in the preceding schedule is to be paid for in cash by property owners desiring same.)

PLAN B (Alternate)

- SCHEDULE No. 1-B:** Consisting of approximately 14,605 sq. ft. of 2-in. thick concrete canal lining;
- SCHEDULE No. 2-B:** Consisting

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

of approximately 2,746 ft. of 36-in. concrete pipe line.

**SCHEDULE No. 3-B:** Consisting of approximately five (5) concrete structures, a total of 12.5 cu. yds. of concrete and 6 ft. of 36-in. concrete pipe.

**SCHEDULE No. 4-B:** Consisting of approximately 38 concrete structures, a total of 21.0 c.y. of concrete, three 24-in., five 16-inch K. T. valves and six 14-in., three 12-in. K. T. valves, and following concrete pipe: 4-ft. of 30-in., 39 ft. of 24-in.; 9 ft. of 20-in.; 34 ft. of 16-in.; 30 ft. of 14-in.; and 15 ft. of 12-in.

(Note: The work in the preceding schedule is to be paid for in cash by property owners desiring same.)

**SCHEDULE No. 5:** Consisting of approximately 1 ft. of 4-in. dia. concrete pipe.

**SCHEDULE No. 5-B:** Consisting of approximately two (2) 36-inch Calco Screw Gates.

Plans and specifications obtainable from the above office.

**BIDS ON FILE**

**ALL-AMERICAN CANAL.** — A complete tabulation of bids received by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 708, for the construction of drops and powerplant sub structures at Drops Nos. 2, 3, 4 and 5, All-American Canal System, near Yuma and Calexico, is on file at the office of the DAILY PACIFIC BUILDER.

Pleasant-Hasler Constr. Co., 324 Luhrs Bldg., Phoenix, at \$410,896.50, on Schedules 1 and 2, and Kerman & Klug, North Portland, Oregon, at \$398,834.30 on Schedules 3 and 4, submitted the low bids.

**24-STREET LIGHTING**

**BIDS OPENED**

**LOS ANGELES.**—H. O. Bauerle, 8852 Billie Ave., Culver City, at \$52,486, submitted low bid to the Los Angeles Board of public works for installation of an ornamental lighting system in Van Nuya Blvd., bet. Van Owen St. and Besemer St., involving 78 Marbelite standars. The other bids were:  
E. C. Nickel—\$32,850.  
Fritz Ziebarth—\$32,959.  
H. H. Walker, Inc.—\$54,678.  
Newbery Electric Corp.—\$54,741.  
Chandler Electric Co. (bond not signed by principal)—\$54,758.  
Bennett & Taylor—\$56,442.

**25—MACHINERY AND EQUIPMENT**

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL.**—Ne. Page, McKenny Co. Seattle, at \$11,818.39 on Sch. 1, and at \$4,289.71 on Sch. 2, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 869-D, for furnishing (1) one panel main control board and auxiliary equipment, three main control cabinets; and (2) one 2300-volt switchboard, consisting of seven cubicle type control units.

**BIDS OPENED**

**SAN FRANCISCO.**—P. B. Hackley Equipment Co., 623 Market St., San Francisco, at \$5.31 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3418, for the rental of one 8- to 10-hp. 3-wheel, power roller, for use on WPA projects, fob Crocker, Amazon, Moscow and Geneva streets, San Francisco.  
Complete bids follow:  
P. B. Hackley Equipment Co., San Francisco, \$5.31.

A. J. Clausen, Albany, \$3.34.  
Pacific States Const. Co., S. F., \$3.44.  
Fay Improvement Co., S. R., \$3.55.  
Eaton & Smith, S. F., \$3.68.  
Lee J. Immel, Berkeley, \$3.70.  
Guerin Bros., S. F., \$4.00.  
Edward R. Bacon Co., S. F., \$4.30.  
Chas. L. Harney, S. F., \$4.75.

**BIDS OPENED**

**MARYSVILLE, Calif.**—Edward R. Bacon Co., 17th and Folsom Streets, San Francisco, at \$90 per month, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3401, for the rental of one concrete mixer, 7 cu. ft. capacity, gasoline powered, for use on WPA projects, fob Marysville Migratory Labor Camp.  
The other bids were:  
Harron, Rickard & McCone, S. F.—\$107.50 per month; to be for a two-month minimum period.  
D. C. McCabe, S. F.—\$150 per month.

**CONTRACT AWARDED**

**LOS ANGELES.**—Kelman Electric & Mfg. Co., at \$7,630, awarded contract by the Los Angeles Water & Power Commission, for furnishing oil circuit breakers under Spec. No. 2174.

**CONTRACT AWARDED**

**LOS ANGELES.**—General Electric Co., at \$4,600, awarded contract by the Los Angeles Water & Power Commission, for furnishing 4 coupling capacitors and potential devices under Spec. No. 2173.

**CONTRACT AWARDED**

**LOS ANGELES.**—Allis-Chalmers Mfg. Co., at \$6,920, awarded contract by the Los Angeles Water & Power Commission for furnishing 4 current transformers under Spec. No. 2170.

**CONTRACTS AWARDED**

**LOS ANGELES.**—Allis-Chalmers Mfg. Co., at \$21,420, awarded contract by the Los Angeles Water & Power Commission, for furnishing Items No. 1 and No. 2 and General Electric Co. the contract at \$112,92 for furnishing No. 3 under Spec. No. 2172 for current and potential transformers.

**CONTRACT AWARDED**

**ARCADIA, Los Angeles Co., Cal.**—Peerless Pump Co., at \$4,601.25, was awarded the contract by the Arcadia City Council for furnishing one deep well turbine pump. Complete bids published Feb. 5.

**BIDS OPENED**

**NEW MEXICO & WYOMING.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 878-D, for furnishing (1) three 45-ft. x 21-ft. automatic radial gates for installation in the spillway of the Alamogordo Dam, Carlsbad Project, New Mexico; and (2) three 28-ft. x 11-ft. automatic radial gates for installation in the spillway of Bull Lake Dam, Riverton Project, Wyoming:  
John W. Beam, Denver—(1) \$19,975; (2) \$9,170; (1 & 2) \$27,300; fob. Peatone—1.7% discount.  
Consolidated Steel Corp., Los Angeles—(1) \$26,500; (2) \$10,995; fob. Los Angeles; net.  
Berkeley Steel Constr. Co., Inc., Berkeley—(1) \$27,500; (2) \$12,800; fob. Berkeley—1.5% discount.  
Lakewood Bridge & Steel Co., Milwaukee—(1) \$29,892; (2) \$14,995; (1 & 2) \$44,887; fob. Fort Sumner, N. M.; net.

**CONTRACT AWARDED**

**LOS ANGELES.**—Gardner-Denver Co., 545 E. First St., at \$393.60, awarded contract by the Los Angeles Co. Purchasing Agent, for furnishing one

motor-driven centrifugal pump under Quot. No. 3099. Complete bids published February 4.

**BIDS OPENED**

**SAN FRANCISCO.**—Sam Bates Co., 1925 Dennison, Oakland, at \$3.38 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3418, for the rental of one 10-ton, 3-wheel power roller, without center power leveler, for use on WPA projects, fob. Havelock and Edna Streets, San Francisco.  
Complete bids follow:  
Sam Bates Co., Oakland.....\$3.38  
P. B. Hackley Equip. Co., S. F.....3.47  
W. H. Cowan, S. F.....3.52  
Lee J. Immel, Berkeley.....3.64  
Fay Improvement Co., S. F.....3.70  
Guerin Bros., S. F.....3.75  
Eaton & Smith, S. F.....3.90  
Pacific States Constr. Co., S. F.....4.35  
Chas. L. Harney, S. F.....4.73

**BIDS OPENED**

**SAN FRANCISCO.**—Chas. H. Nilsson, 362 1/2 Moultrie, San Francisco, at \$80 per month, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3422, for the rental of one No. 148 concrete mixer, 1 1/2-cy. wet capacity, for use on WPA projects, fob Golden Gate Ave. and Masonic Ave., San Francisco.  
The other bids were:  
M. B. McGowan, Inc., San Francisco, \$150 per month.  
Edward R. Bacon Co., San Francisco, \$175 per month.  
All bids net.

**CONTRACTS AWARDED**

**BOULDER CANYON, Nevada.**—Following contracts awarded by the Bureau of Reclamation, Denver, under Spec. No. 867-D, for furnishing equipment for the Boulder Power Plant:  
Westinghouse Electric Mfg. Co., Denver—\$26,174.37 (Item 1) four 1-667-kva, 16,500/41,500-volt transformers; \$2,126.17 (4) for one outdoor metering and relay cabinet.  
Johnson Electric Co., Atlanta, Ga.—\$267.87 (Item 3) One 31500-volt, 300-amp, 3-pole air break switch.

**CONTRACT AWARDED**

**NEW MEXICO AND ARIZONA.**—Joshua Hendy Iron Works, 209 Sanson St., San Francisco, at \$29,077.22, awarded contract for two 54-inch needle valves, and at \$27,596.33 for two 66-in. needle valves, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 714, for furnishing valves for installation in the outlet works at the Alamogordo Dam, Carlsbad Project, New Mexico, and in the outlet works at the Bartlett Dam, Salt River Project, Arizona.

**29—STREETS AND HIGHWAYS**

**CONTRACT AWARDED**

**CLARK CO., Nev.**—Olef Nelson, Locust, Utah, at \$37,723.25, awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Clark County, from Los Vegas to point approximately 3 miles southwest of Apex, Route 6, Sections D2 and D1, a length of approximately 11.0 miles.

**PLANS AWAITING STATE APPROVAL**

**STINNEYVALE, Santa Clara Co., Calif.**—Plans and specifications for the resurfacing of South Merrill St., between Evelyn and Washburn Sts., including new curbs and gutters, are

awaiting approval by the State Division of Highways, Sacramento. Estimated cost, \$4,000.

John Trubchenck, City Clerk; H. N. Bishop, City Engineer.

#### BIDS WANTED

**MARSHALL FORD DAM, Texas.**—Until March 12, 10 a. m., bids will be received by the Bureau of Reclamation, H. P. Bunker, Construction Engineer, Austin, under Spec. No. 888-D, for the construction of street, driveway, and sidewalk grading and surfacing, and sewer and water systems for the Government camp at the Marshall Ford Dam, Colorado River Project, Texas.

The dam is located on the Colorado River about 18 miles northwest of Austin, and the principal items of work involved are:

- (1) 1,350 c.y. of excav. for grading streets, driveway, and sidewalks;
- (2) 600 c.y. of compacted fill;
- (3) 2,370 lf. of excav. and backfill of sewer-pipe trenches;
- (4) 900 lf. of excav. and backfill of water-pipe trenches;
- (5) Furnishing and laying 2,320 lf. of 4-in. to 8-in. diameter sewer pipe;
- (6) Furnishing and installing four grease traps;
- (7) Constructing five sewer manholes;
- (8) Furnishing and laying 1,305 lf. of 4-in. diam. water main;
- (9) Furnishing and installing 3 4-in. gate valves;
- (10) Furnishing and installing 12 1-in. to 2 1/2-in. water-service connections;
- (11) Furnishing and laying 1,235 lf. of 3/4-in. to 2-in. diam. service pipe;
- (12) Furnishing and installing 5 3/4-in. to 2-in. diam. curb stops and service boxes;
- (13) Furnishing and installing three fire hydrants;
- (14) Furnishing and placing 4,000 lf. of timber curb boards;
- (15) Placing 600 c.y. of bottom course of crushed-rock or crushed-gravel surfacing;
- (16) Placing 550 c.y. of top course of crushed-rock or crushed-gravel surfacing;
- (17) Furnishing and applying 4,000 gals. of liquid asphaltic road material.

Work shall be commenced within 10 calendar days and completed within 100 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Austin, Texas, or Denver, Colorado, without charge to prospective bona fide bidders; to others, \$1 per copy, not returnable.

#### BIDS WANTED

**PRESNO & TULARE COS., Cal.**—Until March 9, 2:30 P. M., as previously reported, bids will be received by Bureau of Public Roads, Federal Office Bldg., San Francisco, for placing a bituminous treated crushed rock base course on 6.13 miles of Route 1, the Genera's Highway, General Grant-Sequoia Park Approach Rd., Sequoia National Forest, Tulare and Fresno Counties.

The principal items of work involved are:

- (1) 4,500 c.y. unclass. excav.
- (2) 330 c.y. do. for structures;
- (3) 1,000 c.y. ml. hauling unclassified excavation;
- (4) 5,600 c.y. of subgrade reinforcement;
- (5) 13,000 c.y. ml. hauling do;
- (6) 613 ml. fine grading subgrade and shoulders;
- (7) 800 M. gals. watering;
- (8) 14,000 tons of crushed rock for bottom layer of base course;
- (9) 11,200 tons crushed rock for top layer of base course;

- (10) 200 tons supplemental crushed rock;
  - (11) 850 tons screenings;
  - (12) 696 tons liquid asphaltic material, Types MC-1, 95 plus, RC-3 or 4;
  - (13) 654 lf. 8-in. perforated CMP;
  - (14) 302 lf. paving Government furnished 8-in. perforated CMP;
  - (15) 220 c.y. crushed rock or gravel for backfill;
  - (16) 250 sq. yds. mortar backfill seal.
- Plans and specifications obtainable from the above office upon deposit of \$10.00.

#### CONTRACT AWARDED

**SAN JOSE, Santa Clara Co., Calif.**—A. J. Raisch, Lincoln Avenue and San Salvador, San Jose, submitted low bid and awarded contract by the City Clerk, for the improvement of Dana Avenue, between Naglee Ave. and Emory St.

The work involves:

- (1) 12,607 sq. ft. asphaltic concrete pavement, 4-in. thick;
- (2) 1,318.25 sq. ft. portland cement concrete gutter;
- (3) 605.51 lf. portland cement concrete curb;
- (4) 1,790 sq. ft. portland cement concrete sidewalk;
- (5) One brick sewer manhole;
- (6) 35 lf. 10-in. portland cement concrete pipe storm sewer drain.

Complete bids follow:

- (A) A. J. Raisch, San Jose.  
(B) Pacific Construction Co., San Francisco.

Unit prices follow:

	(A)	(B)
(1) .....	\$0.1525	\$0.155
(2) .....	.24	.20
(3) .....	.44	.50
(4) .....	.125	.16
(5) .....	70.00	65.00
(6) .....	1.20	.70

#### BIDS WANTED

**PIMA CO., Arizona**—Until March 9, 2 p. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Nogales Highway, F.A. 86-A, 2nd Reop. (1937), A.F.E. 8965. The work, which begins about 3 1/2 miles south of the south city limits of Tucson and extends southerly a distance of about 9.9 mi., consists of grading, filling borrow pits, fencing, and applying asphaltic surface treatment, and is to be completed on or before Feb. 31, 1937.

The principal items are:

- 39,300 c.y. roadway excav.
- 3,700 c.y. drainage excav.
- 14,500 sta. yds. overhaul;
- 45,300 c.y. ml. haul;
- 10,400 c.y. imported borrow (CIP);
- 1,000 M. gals. sprinkling;
- 1,200 tons rolling;
- 51,500 lf. 11/2 in. fence;
- 11 steel gates;
- 3,750 gals. SC-2 road oil;
- 50 tons cover coat (conc. sand).

Plans and specifications may be obtained from the office of the state highway engineer, T. S. O'Connell, Certified or cashier's check for 5% must accompany each proposal.

#### CONTRACT AWARDED

**LINCOLN COUNTY, Nev.**—C. F. Fredericksen & Sons, Lower Lake, at \$237,968.69 awarded contract by the Nevada State Highway Director, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Lincoln County, from a point approximately 0.5 mile north of Caliente to a point approximately one mile north of Panaca Junction, on route 7, Section C, a length of approximately 14.32 miles.

#### BIDS WANTED

**PRESNO & TULARE COS., Calif.**—Until March 9, 2 p. m., as previously

reported, bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading 3.98 miles of Section A of the Fresno-General Grant Park Approach Road, Sequoia National Forest, Fresno and Tulare Counties.

The principal items of work involved are:

- (1) 304,000 c.y. unclass. excav.;
- (2) 2,300 c.y. do. for structures;
- (3) 11,700 c.y. do. for borrow;
- (4) 263,000 sta. yds. overhaul;
- (5) 7,000 c.y. ml. borrow haul;
- (6) 3.98 ml. finishing earth graded road;
- (7) 3,000 M. gals. watering;
- (8) 4,788 CF. CMP;
- (9) 1 CMP elbow;
- (10) 9 spillway inlets;
- (11) 45 c.y. crushed rock or gravel for backfill;
- (12) 50 sq. yds. mortar backfill seal;
- (13) 15 c.y. concrete;
- (14) 650 lbs. reinforcing steel;
- (15) 10 cast steel grates;
- (16) 25 c.y. masonry;
- (17) 763 c.y. hand laid rock embankment.

Plans and specifications obtainable from the above office upon deposit of \$10.

#### CONTRACT AWARDED

**SANTA MARIA, Santa Barbara Co., Calif.**—Harry L. Foster, 4348 Hillcrest Road, San Diego, at \$29,867.73, awarded contract by the Santa Maria City Council for improving El Camino St. and portions of other streets.

#### CONTRACTS AWARDED

**CLATSOP CO., OREGON.**—Bids for highway and bridge construction were opened by the Oregon State Highway Commission, R. H. Baldoek, State Highway Engineer, Portland, February 18, and contracts awarded as follows:

**Baker County**—Gales-Lime Section of Old Oregon Trail. 9.08 miles penetration type bituminous macadam wearing surface and 0.50 mile oil mat surface treatment; also, furnish 3,000 cu. yds. crushed rock in stock piles. Requires approximately 113,000 sq. yds. bituminous macadam wearing surface and oil mat surface treatment; 3,000 cu. yds. gravel or tals (shoulder materials, and 4,600 cu. yds. crushed rock.

**AWARDED:** Babler Bros., 2407 NW 28th, Portland—\$75,764.

**Clatsop County**—Elsie Nehalem River Section of Wolf Creek Highway. 1.16 miles grading and 0.15 mile additional clearing. Requires approximately 225,000 cu. yds. excavation.

**AWARDED:** Coes Bay Constr. Co., 7432 New Jersey, Portland—\$85,870.  
**Curry County**—Curry County Rock Production Project on the Oregon Coast Highway. Furnish 17,400 cu. yds. crushed gravel in stockpiles.

**AWARDED:** Corvallis Sand & Gravel Co., Corvallis—\$25,168.

**Douglas County**—North Roseburg Section of Pacific Highway. 0.72 mi. grading, requiring approximately 106,000 cu. yds. of excavation. (May be bid in combination with the Deer Creek Bridge Project in Douglas County.)

**AWARDED:** Anderson Constr. Co., 6026 SW Vermont, Portland—\$23,932.

**Douglas County**—Construction of a concrete bridge over Deer Creek and a concrete retaining wall near Junior High School on the Pacific Highway in Roseburg. Requires approximately 810 cu. yds. excavation; 970 cu. yds. concrete; 251,000 pounds metal reinforcement; 530 ln. ft. concrete handrail and 330 ln. ft. triangle mesh fence. (May be bid in combination with North Roseburg grading project.)

**AWARDED:** Mountain States Construction Co., Eugene—\$35,133.

**Douglas County**—Shady Point-Kelly Corner Section of Pacific Highway. 0.36 mile grading and 2.26 mi. Portland cement concrete pavement. Requires approximately 2,900 cubic yards excavation; 6,000 cu. yds. of gravel base; 2,500 cu. yds. crushed rock or crushed gravel in shoulders; and 29,600 sq. yds. Portland cement concrete pavement.

**AWARDED:** Jacobson-Jensen Co., 517 NE Stanton, Portland—\$59,882.

**Linn County**—Shedd-Haley Section of Pacific Highway. 7.34 miles grading and asphaltic concrete pavement. Requires approximately 55,000 cu. yds. excavation; 35,000 cu. yds. of crushed rock; and 10,000 sq. yds. asphaltic concrete pavement.

**LOW BIDDER:** Warren Northwest, Inc., P.O. Box 5072, Portland—\$181,301.

**Wheeler County**—Unit No. 3, Chichester-Gun Summit Section of Shaniko-Fossil Secondary Highway. 0.95 mile grading, requiring approximately 21,500 cu. yds. excavation, and 1,000 cu. yds. talus topping materials.

**AWARDED:** Fisher Bros., Oregon City—\$11,828.

#### BIDS WANTED

**FRIANT, Fresno Co., Calif.**—Until March 15, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, Walker E. Young, Construction Engineer, for the construction of street, alley, parking area, and sidewalk grading and surfacing, and sewer and water systems for the Government Campsite at the Friant Dam, about 22 miles north of Fresno. The principal items of work involved are:

- (1) 8,215 c.y. of excav. for grading streets, alleys, parking areas, sidewalks, and storage tank foundations;
- (2) 1,500 cu. ft. of compacted fill;
- (3) 7,040 lf. of excav. and backfill of sewer pipe trenches;
- (4) 3,200 lf. of excav. and backfill of water pipe trenches;
- (5) Furnishing and laying 6,900 lf. of 4-in. to 10-in. sewer pipe;
- (6) Furnish and laying 140 lf. of 10-in. extra heavy cast-iron soil pipe;
- (7) Furnish and laying 50 lf. of 6-in. diam. CMP;
- (8) Furnish and installing 25 grease traps;
- (9) Constructing 11 sewer manholes;
- (10) Furnish and laying 3,950 lf. of 6-in. and 4-in. diam. water mns.;
- (11) Furnish and installing 5 6-in. and 4-in. gate valves;
- (12) Furnish and installing 34 ½-in. to 2-in. water service connections;
- (13) Furnish and laying 3,610 lf. of ½-in. to 2-in. diam. service pipe;
- (14) Furnish and installing 10 ½-in. to 2-in. diam. curb stops and service boxes;
- (15) Furnish and installing 8 fire hydrants;
- (16) Furnish and placing 12,500 lf. of timber curb boards;
- (17) Placing 1,500 c.y. of bottom course, of crushed rock or crushed gravel surfacing;
- (18) Placing 1,500 c.y. of top course, of crushed rock or crushed gravel surfacing;
- (19) Furnishing and applying 10,800 gals. of liq. asphaltic road material and constructing sand and cushion foundation for water storage tank.

Work shall be commenced within 15 days and finished within 150 days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$1 per copy, not returnable.

A. M. Torpen, division engineer in charge at Friant; T. R. Smith, division office engineer.

#### BIDS WANTED

**PLACER COUNTY, Calif.**—Until March 17, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.9 miles of grading and paving with portland cement concrete in Placer County between Rocklin and Loomis.

The work involves:

- (1) 156 sta. clear and grub right of way;
- (2) 750 M. gals. water;
- (3) 1,950 c.y. remove existing concrete pavement;
- (4) 65 c.y. remove existing stone and concrete struc.;
- (5) 43,000 c.y. rdwy. excav., unclass.
- (6) 1,350 c.y. struc. excav.;
- (7) 372,000 sta. yds. overhaul;
- (8) 34,300 sq. yds. preparing subgrade;
- (9) 156 sta. finishing rdwy.;
- (10) 2,800 tons untreated crushed gravel or stone surf.
- (11) 240 c.y. salvaged surf. (borders and road approaches);
- (12) 175 tons min. aggregate (plant-mix surface);
- (13) 9 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
- (14) 82 tons liquid asph. SC-2 (prime coat and penetration oil treatment);
- (15) 146 tons sand (prime coat and penetration oil treat.);
- (16) 70 tons liquid asph. 90-95 (seal coat);
- (17) 500 tons screenings;
- (18) 6,900 c.y. Class A Portland cement concrete (pave.);
- (19) 13,896 each pavement dowels;
- (20) 20 sections pave. crossing devices (Type A-10);
- (21) 4 sections do (Type B-10);
- (22) 55,500 lbs. bar reinf. steel;
- (23) 102 c.y. Class A Portland cement concrete (struc.);
- (24) 282 lf. 8-in. CMP;
- (25) 550 lf. 12-in. CMP;
- (26) 36 lf. 15-in. CMP;
- (27) 604 lf. 18-in. CMP;
- (28) 900 lf. 24-in. CMP;
- (29) 100 lf. 30-in. CMP;
- (30) 16 each cast steel frames and covers for drop inlets;
- (31) 112 lf. clean and relay existing pipe culverts;
- (32) 582 lf. clean and salvage do;
- (33) 10,860 lf. existing pipe line, removed and disposed of;
- (34) 7 each spillway assemblies;
- (35) 2,450 lf. temporary guard railing;
- (36) 28 each culvert markers;
- (37) 86 each guide posts;
- (38) 25 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1199, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

#### BIDS OPENED

**FRUNSTON**—Lee J. Immel, 1051 Evelyn St., Berkeley, at \$90,055 per sq. ft., total, \$882, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 86-37-169, for approximately 56,000 sq. ft. of road at Fort Funston.

The new roadway under construction at the south end of the reservation consists of a crushed rock base 20 feet wide, spread and rolled in two courses of 7 inches each and is approximately 2,500 feet in length.

Complete bids follow:  
J. Immel, Berkeley—(1) \$90,055 per sq. ft.; (2) total, \$882; (3) completion time, 7 days.

Fav Improvement Co., S. F.—(1) \$90,019; (2) \$1,094; (3) 8 days.

Mills Constr. Co., S. F.—(1) \$0,024; (2) \$1,341; (3) 8 days.  
E. J. Treacy, S. F.—(1) \$0,02683; (2) \$1,506; (3) 8 days.  
Eaton & Smith, S. F.—(1) \$0,0275; (2) \$1,540; (3) 8 days.  
Chas. L. Harney, S. F.—(1) \$0,0335; (2) \$1,876; (3) 8 days.  
Bids held under advisement.

#### BIDS WANTED

**MILL VALLEY, Marin Co., Calif.**—Until March 3, 3 p. m., bids will be received by the Mill Valley City Council, Will Falley, City Clerk, for the widening of a portion of the southern side of Throckmorton Ave. south of the intersection of Corte Madera Ave. with Throckmorton Avenue, consisting of the tearing out, removal of non-usable structures and materials, such as cement sidewalks, driveways, foundations to a point below subgrade, concrete curbs and gutters, and a portion of the cover of existing culvert in Corte Madera Creek under the present sidewalk, and the construction of new concrete gutters, curbs, sidewalks, a new reinforced concrete cover and wall connections on culvert to new locations and grades, etc.

The work involves:

**Tearing Out Old Structures:**

- (1) 133.5 lf. concrete curb;
- (2) 156.25 sq. ft. culvert top;
- (3) Miscellaneous walls and foundations to be removed to levels below subgrade and new construction;
- (4) Miscellaneous removal of refuse and unused material under area affected by this construction.

**New Construction:**

- (1) 2,172 sq. ft. grading, backfilling and tamping area under construction;
- (2) 137 lf. 6-in. x 12-in. concrete curb;
- (3) 3 c.y. reinforced concrete on culvert;
- (4) 2,038 lbs. ¾-in. reinforcing rods;
- (5) 1,216 sq. ft. 4-in. thick cement walks;
- (6) Resetting selected street signs;
- (7) 532 sq. ft. 6-in. concrete gutter. Plans and specifications obtainable from the City Clerk's office upon deposit of \$5.00.

Edward K. Hussey, Syndicate Bldg., Oakland, city engineer.

#### CONTRACT AWARDED

**SAN FRANCISCO**—Fay Improvement Co., 760 Market St., San Francisco, at \$3,271.80, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,013, for the reconstruction of the pavement on Pennsylvania Ave., between 18th and 19th Streets.

#### TO ASK NEW BIDS

**PHOENIX, Ariz.**—James B. Grand, City Engineer, has announced that the Phoenix city commission has rejected all bids previously submitted for the two initial units of the PWA street paving program and will combine the two projects and call for bids as soon as PWA approval of the proceedings has been received. Previous low bids were: Phoenix-Tempe Stone Co., Phoenix, at \$75,114.65, for improving 8th, Richmond and 9th Sts., and Monte Vista Rd., Project No. P-263-A, and Phoenix Electric & Phone, at \$13,779.66, for improving portions of Dayton St., Coronado Rd., Almira Rd., and Mitchell St. The combined job will involve about 46, 112 sq. yds. grading, aggregate base course, and plant-mix process pavement, 71,620 sq. ft. sidewalk, 25,959 lf. combination curb and gutter, and incidental items.

#### NOTICE TO BIDDERS

**STATE OF CALIFORNIA**—C. H. Purcell, State Highway Engineer, has announced the cost of blue line plots

for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on March 10:

111-Gle-45-C—Bet. points approximately 4 mi. and 6 mi. E. of Butte City. PLANS (No. of sheets), 10; cost, \$1.00; CROSS-SECTIONS (No. of sheets), 21; cost, \$2.10; total, \$3.10.

X-S.J.—Sta. 110-A — Bet. Vernalis and Gates Road. PLANS (No. of sheets), 13; cost, \$1.30; CROSS-SECTIONS (No. of sheets), 78; cost, \$7.80; total, \$9.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

#### BIDS WANTED

LONG BEACH, Los Angeles Co., Calif.—Until Feb. 27, 10 a.m., bids will be received by R. M. Denton, City Manager, room 204, City Hall, Long Beach, for improving Anaheim St., between Daisy Ave. and Orange Ave., and portions of other streets, in accordance with Spec. No. R-590. Specifications and plans may be obtained from the office of J. W. Blackman, City Engineer—Director of Public Service, room 502, City Hall. Certified check or bank draft or bond for 10% must accompany each proposal.

The estimated quantities are:

- (1) 3076 lf. portland cement concrete curb;
- (2) 17,344 sq. ft. 6-in. portland cement concrete gutter;
- (3) 4323 sq. ft. 8-in. portland cement concrete gutter;
- (4) 3430 sq. ft. portland cement concrete sidewalk;
- (5) 725 tons asphalt concrete base course;
- (6) 5132 tons asphalt concrete leveling course;
- (7) 3188 tons asphalt concrete Type A wearing surface;
- (8) 8270 sq. ft. penetration oil treatment;
- (9) 2554 lf. 12-in. std. strength cement pipe;
- (10) 581 lf. 15-in. std. strength cement pipe;
- (11) 3 each, Type "C" manholes (avg. depth, 62 ft.);
- (12) 12 each, Type "A" manholes (avg. depth, 50 ft.);
- (13) 15 each, Type A-1 catch basins;
- (14) 75 lf. Type A cover, backfill for 12-in. cement pipe;
- (15) Grading complete, including:
  - Filling 12 manholes and salvaging rims and covers;
  - Filling 17 sidewalk manholes and salvaging rims and covers;
  - Filling 1 manhole and salvaging rim and cover.
- Resurfacing to grade 21 manhole rims and covers;
- Removal of 2076 lf. curb;
- Removal of 54,500 sq. ft. pavement and gutters;
- Removal of 3470 sq. ft. sidewalk;
- Removal of cross drains and culverts;
- Preparation of 54,500 sq. ft. of subgrade

#### BIDS WANTED

ELKO COUNTY Nevada.—Until March 10, 2:30 P. M., bids will be received by the Nevada State Highway Directors Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction

tion of a portion of the highway system in Elko County from a point 1.6 miles east of Vivian, Station L-84 plus 87 to Elko, Station 12 1473 plus 69.52, Route 1, Section A1, a length of approximately 16.98 miles.

The work involves:

- (1) 67,805 lf. remove fence;
- (2) 1,070 lf. remove culvert pipe;
- (3) 52 each remove culvert head walls;
- (4) 2 each remove concrete culverts
- (5) 401,100 c.y. rdwy. excav.;
- (6) 29,610 c.y. imported borrow;
- (7) 583,430 yd. sta. overhaul;
- (8) 1,820 yd. mile overhaul;
- (9) 2,750 c.y. struc. excav.;
- (10) 16,98 miles subgrade;
- (11) 16,98 miles shoulders;
- (12) 16,98 miles finish roadway;
- (13) 136,000 tons crushed gravel or stone subbase;
- (14) 44,200 tons plant-mix crushed gravel or stone base;
- (15) 29,510 tons plant-mix asphaltic surface;
- (16) 11,600 tons crushed gravel or stone surface;
- (17) 583,430 yd. gals. water;
- (18) 1,465 tons asphaltic road material, Type 95;
- (19) 787 tons do, Type SC-2;
- (20) 230 tons emulsified asph., penetration;
- (21) 1,650 tons screenings;
- (22) 1,150 tons sand for prime coat;
- (23) 255 c.y. Class A concrete;
- (24) 67 c.y. Class B concrete;
- (25) 37,120 lbs. reinforcing steel;
- (26) 51 MFEBM redwood;
- (27) 176 lf. 15-in. corrug. metal pipe (dipped);
- (28) 2,036 lf. 18-in. do;
- (29) 32 lf. 21-in. do;
- (30) 834 lf. 24-in. do;
- (31) 182 lf. 30-in. do;
- (32) 162 lf. 36-in. do;
- (33) 260 lf. relay culvert pipe;
- (34) 35 each move pipe culvert head-walls;
- (35) lump sum, move obstructions;
- (36) 4,530 lf. metal guard rail;
- (37) 174 each monuments;
- (38) 124 each culvert markers;
- (39) 30 each guide posts;
- (40) 153,990 lf. construct fence;
- (41) 23 each 16-foot standard steel gates;
- (42) 5,700 lbs. castings;
- (43) 16,98 miles salvage and relay surface;
- (44) 500 hours motor grader;
- (45) 150 hour 75-h.p. crawler type tractor;
- (46) 150 hours 10-ft. blade eraser;
- (47) 100 hours 75-h.p. tractor with carryall;
- (48) 600 hours 14-ton dump truck;
- (49) 800 hours pilot car;
- (50) 1,000 hours pumping water.

Plans and specifications obtainable from the above office upon deposit of \$5, of which \$2.50 will be returnable and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

#### BIDS WANTED

EMERALDA Co., Nevada.—Until March 10, 2:00 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the highway system in Emerald County, Route 47, Section B between a point approximately 10 miles south of Blair Junction and Silver Peak, a length of approximately 10.68 miles.

The work involves:

- (1) 25 each remove wooden culverts;
- (2) 90,200 c.y. rdwy. excav.;
- (3) 75,545 yd. sta. overhaul;
- (4) 4,216 c.y. select borrow;
- (5) 1,846 c.y. imported borrow;
- (6) 1,900 c.y. struc. excav.;
- (7) 10.68 miles subgrade;
- (8) 10.68 miles finish rdwy.;

- (9) 36,300 tons crushed gravel or stone surface;
- (10) 60 c.y. Class A concrete;
- (11) 84 c.y. Class B concrete;
- (12) 7,200 lbs. reinforcing steel;
- (13) 270 c.y. cement rubble masonry;
- (14) 474 lf. 18-in. corrug. metal pipe (dipped);
- (15) 1,072 lf. 24-in. do;
- (16) 152 lf. 30-in. do;
- (17) 88 lf. 36-in. do;
- (18) 34 lf. 12-in. vitrified pipe;
- (19) 152 lf. 24-in. do;
- (20) 60 each monuments;
- (21) lump sum, misc. items.

Plans and specifications obtainable from the above office upon deposit of \$5, of which \$2.50 will be returnable and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

#### BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 25, 8:25 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton City Clerk, City Hall, for the improvement of Folsom Blvd. from 53rd St. to 65th St.

The work involves:

- (1) 1,970 c.y. excavation;
- (2) 12 each, gutter drains;
- (3) 340 lf. 6-in. vitrified iron drain pipe;
- (4) 13 each, manholes constructed to grade;
- (5) 350 sq. ft. remove and replace asphaltic concrete pavement;
- (6) 1,540 tons crusher run base;
- (7) 1,500 tons asphaltic conc. pavement;
- (8) 1,690 gals. bituminous binder;
- (9) 85 tons screenings.

Plans and specifications obtainable from the office of City Clerk, Room 263, City Hall.

#### BIDS OPENED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.—Bert Hale, Pismo Beach, at \$2.09 per barrel, total \$6,583.50 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for furnishing and applying diesel oil to roadside vegetation for a distance of 200 miles at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties, requiring 3,160 bbls. of diesel oil.

Complete bids follow:

Bert Hale, Pismo Beach, \$2.09 per barrel.

Pacific Truck Service, San Jose, \$2.45 per barrel.

Bradley Truck Co., Santa Maria, \$2.59 per barrel.

Tieslau Bros., Inc., Berkeley, \$2.67 per barrel;

L. A. Brisco, Arroyo Grande, \$2.69 per barrel.

A. J. Clausen, Albany, \$2.72 per bbl. Western Motor Transfer, Inc., Santa Barbara, \$3.29 per barrel.

### 30—RESERVOIRS & DAMS

#### CONTRACT AWARDED

THE RIVER PROJECT, Arizona.—Gunter & Shibley Co. and J. P. Shibley, Room 308, 206 S. Spring St., Los Angeles, at \$396,014.50, awarded contract by the Bureau of Reclamation, Phoenix, E. C. Koppner, Construction Engineer, under Spec. No. 75, for the construction of a spillway at the Mormon Flat Dam, Salt River Project, Arizona.

The low bidder, Fisher Construction Co., Phoenix, was given permission to withdraw its bid of \$37,946.10 on the grounds of error.



**31—PIPE LINES & WELLS**

**CONTRACT AWARDED**

**LOS ANGELES CO., Cal.**—Basich Bros. 20550 Normandie Ave., Torrance, at \$205,040.60 awarded contract by Metropolitan Water District Los Angeles, under Spec. No. 189, for constructing cast in place pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct distribution system. The work is located in Los Angeles Co. and comprises approximately 1210 l.f. of 9-ft. 8-in. dia. and 534 ft. of 7-ft. dia. pipe lines and appurtenant structures. The bids on individual schedules were:

Schedule 8-C, across San Gabriel Canyon just below Morris Dam, 578 ft. 9-ft. 8-in. dia., at \$96,220.

Schedule 9-C across Monrovia Canyon in Monrovia, 632 ft. of 9-ft. 8-in. line at \$73,154.60.

Schedule 12-C, across Eagle Rock Canyon north of Eagle Rock, 554 ft. 7-ft. pipe line, at \$35,666.

The total estimated cost of the work, including materials to be furnished by the district, is \$30,181. F. E. Weymouth, General Manager and Chief Engineer.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**

**SACRAMENTO COUNTY, Calif.**—Until March 16, 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, to be opened in the office of the Builders' Exchange, 720 I St., Sacramento, for construction and completion of sanitary sewers at the air base. Estimated cost, \$45,000.

Bids will be taken as follows:  
(I) Lump sum, construction and completion of the sanitary sewer lines;

(II) Unit Prices. The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.

- (A) 15-in. vitrified clay pipe in place, per l.f.;
- (B) 12-inch do.;
- (C) 10-inch do.;
- (D) 8-inch do.;
- (E) 6-inch do.;
- (F) Wyes on 15-inch vitrified clay pipe, each.;
- (G) Wyes on 12-in. do.;
- (H) Wyes on 10-in. do.;
- (I) Wyes on 8-inch do.;
- (J) Wyes on 6-inch do.;
- (K) Standard manholes, 5-ft. deep each.;

- (L) Per ft. of standard manholes over 5-ft. deep.;
- (M) Drop manholes, Type A, 5-ft. deep, each.;
- (N) Per ft. of Type A drop manholes over 5-ft. deep.;
- (O) Drop manholes, Type E, 5-ft. deep, each.;
- (P) Per ft. of Type B drop manholes over 5-ft. deep.;
- (Q) Sheeting left in place, per M F B M.;
- (R) Rock excavation, per c.y.

Plans and specifications obtainable from the office of Maj. Arthur W. Parker upon deposit of a certified check, payable to the Treasurer of the United States, in the amount of \$10.00.

**ALAMEDA CO.—Railway Facilities Substructure—(State)**

ALAMEDA COUNTY, Cal.—Bates & Rogers Construction Co., 532 Russ Bluff, San Francisco, at \$654,802.50 submitted low bid to the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer 500 Sansome Street, San Francisco, for the construction of the East Bay Yard substructure of the railway facilities of the San Francisco-Oakland Bay Bridge.

- The work involves:  
East Bay Yard and S. P. Crossing  
(1) 16,000 c.y. excavation;  
(2) 20,000 l.f. creosoted timber piles 40- to 59-ft. long.;
- (3) 25,000 l.f. do. 60- to 79-ft. long.;
  - (4) 35,000 l.f. do. 80-ft. or over.;
  - (5) 20,000 l.f. untreated timber piles 40- to 54-ft. long.;
  - (6) 30,000 l.f. do. 55- to 69-ft. long.;
  - (7) 40,000 l.f. do. 70- to 84-ft. long.;
  - (8) 87,000 l.f. do. 85-ft. or over.;
  - (9) 6,150 c.y. concrete in footings.;
  - (10) 1,700 c.y. concrete above footings.;
  - (11) 1,400,000 lbs. reinf. steel.;
  - (12) 80,700 lbs. anchor bolt material.;
  - (13) 89 MFEBM timber (untreated).;
  - (14) 880 MFEBM do. (creosoted).;
  - (15) 62,000 lbs. hardware timber.;
  - (16) 2,600 bbls. extra portland cem.;

- Port of Oakland Overhead  
(17) 2,800 c.y. excavation.;
- (18) 8,000 l.f. untreated timber piles, 55- to 69-ft. long.;
  - (19) 9,000 l.f. do. 70- to 84-ft. long.;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 2.30	\$ 0.75	\$ 2.00	\$ 2.00	\$ 8.60	\$ 6.35
(2)	1.09	1.25	1.07	1.70	1.35	2.00
(3)	1.19	1.15	1.16	1.75	1.35	1.85
(4)	1.37	1.10	1.33	1.85	1.35	1.90
(5)	.53	.60	.58	.95	1.10	1.55
(6)	.54	.75	.58	.95	1.10	1.27
(7)	.57	.75	.64	.95	1.15	1.16
(8)	.62	.70	.71	1.05	1.00	1.00
(9)	8.25	12.00	14.00	12.00	17.00	18.80
(10)	18.15	18.00	27.18	33.00	24.55	21.40
(11)	.046	.0475	.05	.045	.05	.048
(12)	1.55	.10	.70	.10	.11	1.45
(13)	67.00	55.00	88.03	60.00	88.00	77.00
(14)	122.00	110.00	120.00	95.00	116.00	124.00
(15)	.09	.30	.10	.08	.10	.10
(16)	2.37	2.25	2.75	1.80	2.40	2.00
(17)	4.55	5.00	2.00	2.00	4.50	8.35
(18)	.54	.80	.58	.50	.85	1.30
(19)	.37	.75	.64	.60	.92	1.20
(20)	.62	.70	.71	.60	1.00	1.20
(21)	9.05	12.00	12.75	12.00	16.35	16.80
(22)	18.90	18.00	28.83	18.00	19.20	21.50
(23)	.043	.045	.049	.04	.0475	.045
(24)	1.55	.10	.10	.10	.11	1.13
(25)	9.10	5.00	3.50	4.00	13.50	7.60
(26)	.85	.50	2.50	1.20	1.35	1.00
(27)	1.00	1.25	1.75	1.00	3.00	1.30
(28)	2.00	2.50	2.25	2.00	3.50	2.75
(29)	4.95	6.00	4.50	6.00	8.00	8.20
(30)	2.37	2.25	2.75	2.00	2.40	2.00

Bids held under advisement

- (20) 70,000 l.f. do. 85-ft. or over.;
- (21) 1,750 c.y. concrete in footings.;
- (22) 1,600 c.y. concrete above footings.;
- (23) 600,000 lbs. reinf. steel.;
- (24) 20,000 lbs. anchor bolt material.;
- (25) 1,000 c.y. rock (wall).;
- (26) 5,000 c.y. sand (fill).;
- (27) 1,600 tons imported base material.;
- (28) 800 tons crusher run base.;
- (29) 400 tons asphalt concrete.;
- (30) 400 bbls. extra portland cement.

NOTE: The engineer reserves the right to eliminate entirely from this contract the substructure of the Port of Oakland overhead crossing, covered by items 17 to 30, inclusive. Should the engineer act under such right, the contractor shall make no claim whatsoever for the elimination of this part of the work and shall claim no compensation under items 17 to 30.

- Total bids follow:  
(A) Bates & Rogers Const. Co., San Francisco, \$654,802.50.  
(B) J. F. Knapp, Oakland, \$696,050.  
(C) Basich Bros., Torrance, \$774,158.90.  
(D) Guy F. Atkinson Co., San Francisco, \$803,290.00.  
(E) Macco Const. Corp., Clearwater, \$924,297.50.  
(F) Clinton Const. Co., San Francisco, \$1,061,970.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 2.30	\$ 0.75	\$ 2.00	\$ 2.00	\$ 8.60	\$ 6.35
(2)	1.09	1.25	1.07	1.70	1.35	2.00
(3)	1.19	1.15	1.16	1.75	1.35	1.85
(4)	1.37	1.10	1.33	1.85	1.35	1.90
(5)	.53	.60	.58	.95	1.10	1.55
(6)	.54	.75	.58	.95	1.10	1.27
(7)	.57	.75	.64	.95	1.15	1.16
(8)	.62	.70	.71	1.05	1.00	1.00
(9)	8.25	12.00	14.00	12.00	17.00	18.80
(10)	18.15	18.00	27.18	33.00	24.55	21.40
(11)	.046	.0475	.05	.045	.05	.048
(12)	1.55	.10	.70	.10	.11	1.45
(13)	67.00	55.00	88.03	60.00	88.00	77.00
(14)	122.00	110.00	120.00	95.00	116.00	124.00
(15)	.09	.30	.10	.08	.10	.10
(16)	2.37	2.25	2.75	1.80	2.40	2.00
(17)	4.55	5.00	2.00	2.00	4.50	8.35
(18)	.54	.80	.58	.50	.85	1.30
(19)	.37	.75	.64	.60	.92	1.20
(20)	.62	.70	.71	.60	1.00	1.20
(21)	9.05	12.00	12.75	12.00	16.35	16.80
(22)	18.90	18.00	28.83	18.00	19.20	21.50
(23)	.043	.045	.049	.04	.0475	.045
(24)	1.55	.10	.10	.10	.11	1.13
(25)	9.10	5.00	3.50	4.00	13.50	7.60
(26)	.85	.50	2.50	1.20	1.35	1.00
(27)	1.00	1.25	1.75	1.00	3.00	1.30
(28)	2.00	2.50	2.25	2.00	3.50	2.75
(29)	4.95	6.00	4.50	6.00	8.00	8.20
(30)	2.37	2.25	2.75	2.00	2.40	2.00

**SELECT MARBLE - CLOSE OUT**

We are closing out our business and offering for sale, at unheard of prices, the following selected blocks of the finest Carrara Marble, suitable for carving or wainscoting:

MEASUREMENTS AND PRICES OF MARBLE ON HAND  
FOB SAN FRANCISCO

Block No.	Kind	Size	Cu. ft.	Pr.
4124	Pure Statuary	4-ft. 10-in. x 3-ft. 10-in. x 1-ft. 8-in.	39	\$9.00
4127	Pure Statuary	6-ft. 0-in. x 3-ft. 1-in. x 1-ft. 8-in.	30	9.00
4128	Veined	7-ft. 7-in. x 3-ft. 10-in. x 2-ft. 5-in.	70	8.00
4121	Pavanazzo	11-ft. 6-in. x 5-ft. 0-in. x 4-ft. 5-in.	254	11.50
4122	Pav. Vallini	7-ft. 9-in. x 3-ft. 0-in. x 2-ft. 10-in.	68	11.50
4129	Carrara No. 1	6-ft. 7-in. x 5-ft. 10-in. x 2-ft. 11-in.	80	6.50

**MARIO BARSOTTI**

2769 Octavia Street, SAN FRANCISCO, CALIF.

**33— WATER WORKS**

**TO PREPARE PLANS**

**SANTA ANA, Orange Co., Calif.—**  
**M. N. Thompson, Orange County Flood Control Engineer, Court House, Santa Ana, has been authorized by the Orange County supervisors to prepare plans and specifications for the proposed Richfield Storm Drain to serve the Richfield-Atwood-Yorba Linda District. The cost is estimated at \$305,283. The engineer has filed an application for PWA funds in the amount of 45 per cent grant to assist in the financing of the work. The county's share, as sponsor, would be \$201,288. The drain will be divided into two sections: one along Orchard Drive, the other along Richfield Drive. The former will be 8500 lf. in length with a capacity of 180 second-feet and the latter 3000 lf. with a capacity of 500 second-ft.**

**The project will involve:**  
 4,000 lf. 54-in. cement concr. pipe;  
 7,500 lf. 48-in. concr. box section,  
 7 x 6 ft.;  
**The approximate quantities are:**  
 150,000 c.y. levee embankment;  
 60,000 c.y. struct. excav.;  
 8,000 c.y. reinf. concrete.

If the PWA application is approved, the county will advertise for bids within the next two months.

**BIDS WANTED**

**SAN FRANCISCO—**Until Feb. 24, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19017, for the reconstruction of a sewer in Ulloa Street, between Woodside Ave. and Sydney Wav. Estimated cost, \$491.

The vitrified clay pipe sewer was constructed before Woodside Avenue was paved, and the grade of grade change must be lowered.

Specifications obtainable from the office of City Engineer John Casey,

Room 351, City Hall.

**PROSPECTIVE BIDDERS**

**EUREKA, Humboldt Co., Calif.—**Following contracts and prospecting plans for the construction of the Washington Street sanitary outfall sewer between Broadway and the Government bulkhead line, for which bids will be opened by the Eureka City Council, A. Walter Kittale, City Clerk, February 25, P. M.:

Hanrahan-Conolly Co., 582 Market St., San Francisco.

Fred J. Maurer & Son, Inc., Eureka.

John F. White, 3214 E 12th St., Oakland.

W. J. Tobin, 3701 Balfour Avenue, Oakland.

Fredrickson & Watson Const. Co., 873 81st Ave., Oakland.

Peter J. McHugh, 3001 16th St., San Francisco.

Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

Robert B. McNair, 3745 Rhoda Ave., Oakland.

Evan D. Gardner, City Engineer.

**BIDS OPENED**

**SAN FRANCISCO—**Fay Improvement Co., 765 Market St., San Francisco, at \$519.40, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19017 for the reconstruction of a sewer in Ulloa Street, between Woodside Ave. and Sydney Wav.

The other bids were:  
 Pacific States Const. Co., S. F., \$559  
 Lowrie Paving Co., S. F., \$578

**CONTRACT AWARDED**

**SACRAMENTO, Sacramento Co., Calif—**Pittsburgh-Des Moines Steel Co., Blinto Bldg., San Francisco, at \$24,000, awarded contract by Mayor Arthur W. Parker, Constructing

**LOS ANGELES—FLETCHER DR. PUMPING STA.—(City)**

**LOS ANGELES, Calif.—**Contracting Engineers, Inc., 2310 1/2 W. Vernon Ave., Los Angeles, at \$36,565, submitted low bid to D. P. Purchasing agent, Los Angeles Water & Power Bureau, for the construction of the Fletcher Drive pumping station and installation of equipment, Spec. No. X-90, PWA Docket 1929-R, Unit No. 53.

- The items are:**  
 (a) Construction of reinf. concrete building and appurtenances;  
 (b) Installation of 7 motor-driven pumping units;  
 (c) Furnishing and installing pipe work, valves, meters, Venturi tube, hydraulic panic pressure gauges, drain lines, etc.;  
 (d) Furnishing and installing bench board, auxiliary switchboard, auxiliary and control apparatus, out-

- lets for space heating and all conduit for wiring and installing motors, contactors, and resistors, etc.  
 (e) Painting the building, equipment, pipe work, etc.;  
 (f-1) Excavation, extra, per c.y.;  
 (f-2) Concrete placed, extra, per c.y.  
**The total bids were:**  
 (A) Contracting Engineers, Inc.—\$36,565  
 (B) Hoagland Engrg. & Constr. Co., Long Beach—\$67,335.  
 (C) Andy Sordal, Long Beach—\$69,050.  
 (D) Byerts & Dunn, Los Angeles—\$69,425 (will only accept award of all items)  
 (E) Bennett & Taylor, Los Angeles—\$78,968.

**The complete bids were:**

	(A)	(B)	(C)	(D)	(E)
(a)	\$38,865.00	\$35,835.00	\$42,388.00	\$40,390.00	\$46,486.00
(b)	700.00	600.00	1,365.00	1,100.00	2,400.00
(c)	12,000.00	24,700.00	18,740.00	22,000.00	22,536.00
(d)	4,000.00	4,900.00	4,780.00	4,410.00	4,986.00
(e)	1,000.00	1,500.00	1,767.00	1,725.00	2,500.00
(f-1)	4.00	2.00	2.50	1.50	1.50
(f-2)	20.00*	25.00	25.00	27.00	35.00
*Including forms and reinforcing steel.					

**LOS ANGELES—Diversion Channel, Pipelines, Etc.—(City)**

**LOS ANGELES, Calif.—**S. M. Milovich, 208 Cochrum Bldg., Montebello, at \$33,918, submitted low bid to D. P. Nicklin, purchasing agent, Los Angeles Water & Power Commission, for the construction of diversion channel, pipe lines and appurtenant works in the Sunland and Tujunga water supply project, PWA Docket 1929-K, Unit No. 80, Spec. No. X-91. The work involves:

- (a) 12,200 c.y. excav. diversion channel to Sta. 0 plus 00 to Sta. 13 plus 00, and 12-in. trench for concrete infiltration pipe from Sta. 2 plus 40 to Sta. 7 plus 21.14;  
 (b) lump sum excav. for pump shaft and for concrete pipe from Sta. 7 plus 21.14 to pump shaft; construct reinforced concrete pump shaft; backfill around pump shaft and over concrete pipe from Sta. 7 plus 21.14 to pump shaft (approx. 50.5 c.y. concrete);  
 (c) 554 lf. 30-in. reinf. centrif. concrete pipe, for infiltration gallery;  
 (d) 2820 c.y. backfill trench over 30-in. concrete pipe from Sta. 2 plus 40 to Sta. 7 plus 21.14;  
 (e) 2000 c.y. construct three dykes from river run material;  
 (f) 10,000 sq. ft. construct rock facing, min. thickness 1 ft.;  
 (g) 540 tons delivery of 24-in. steel pipe and bends from enameling plant to trench side and all gate valves from Ducommun St. yard to trench side;

- to trench side;  
 (h) 225 tons delivery 12-in. cast-iron pipe and bends from Van Nuys Pipe Yard to trench side;  
 (i-a) 10,600 lf. excav. of pipe trench for 24-in. steel pipe;  
 (i-b) 4650 lf. excav. of pipe trench for 12-in. cast-iron pipe;  
 (j-a) 10,600 lf. 24-in. steel pipe placed in trench;  
 (j-b) 4650 lf. 12-in. cast-iron pipe placed in trench;  
 (k) 5 each, furnish all material except 2-in. outlets and install five 2-in. outlets with 2-in. curb cocks;  
 (l) 2 each, furnish all material except gate valves and gate valve standpipes and install two 12-in. outlets with gate valves and standpipes;  
 (m-a) 10,660 lf. backfill trench for 24-in. steel main;  
 (m-b) 4650 lf. backfill trench for 12-in. cast-iron mains.  
**The total bids were:**  
 (A) S. M. Milovich, Montebello, \$33,918.00  
 (B) Dimmitt & Taylor, Los Angeles \$36,713.40  
 (C) Case Constr. Co., Alhambra \$51,042.75  
 (D) Maccoco-Robertson, Ltd., Clearwater \$52,167.85  
 (E) L. A. Decomposed Granite Co., Inc. \$56,378.00  
 (F) Bennett & Taylor, Los Angeles \$75,150.50  
**The unit bids were:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(a)	\$ 50	\$ 45	\$ 75	\$ 75	\$109	\$125	\$200
(b)	4147.50	3200.00	4000.00	2250.00	65.00	12,162.00	9000.00
(c)	9.00	8.60	11.00	18.00	9.00	13.00	10.00
(d)	.40	.70	1.25	1.25	.50	.95	4.00
(e)	.49	.25	.60	.63	.50	.50	1.50
(f)	.10	.12	.30	.13	.15	.33	.35
(g)	1.59	3.20	2.25	3.10	4.00	5.25	4.00
(h)	1.50	2.50	1.25	1.75	1.50	2.00	4.00
(i)	2.84	.40	.60	.40	.54	1.22	.40
(j-a)	.20	.35	.20	.33	.45	.33	.30
(j-b)	.20	.50	.90	.67	1.20	.70	1.00
(k)	.20	.33	.35	.25	.50	.45	.60
(l)	10.00	10.00	13.50	5.00	10.00	10.00	25.00
(m-a)	20.00	100.00	115.00	100.00	100.00	140.00	75.00
(m-b)	.25	.30	.25	.38	.15	.50	.50
	.20	.20	.15	.19	.10	.14	.25

**Eureka Mills Sash, Door & Moulding**

1715 Mission Street, SAN FRANCISCO

Quartermaster, Army Air Corps Supply Depot, North Sacramento, for the construction of a 200,000-gal. capacity elevated steel tank at the air base.

**BIDS WANTED**

**SACRAMENTO COUNTY, Calif.**—Until March 18, 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, to be opened in the office of the Builders' Exchange, 720 I St., Sacramento, for construction and completion of the Quartermaster's gasoline and oil storage tanks, pumping, piping, etc., at the air base. Estimated cost, \$5,000.

- Bids will be taken as follows:
- (I) Lump sum, construction & completion of the QM. gasoline and oil storage tanks, pumping, piping, etc., including the utilities thereto;
  - (II) If the built-up roof is constructed of asphalt instead of tar as specified, add to or deduct from the amount of Item (I).

(III) **Unit Prices.** The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.

- (A) Earth excavation, per c.y.;
  - (B) Rock excavation, per c.y.;
  - (C) Wet excavation, per c.y.;
  - (D) Type A concrete, including forms, per c.y.;
  - (E) Type B concrete, do;
  - (F) Reinforcing steel, per ton.
- Plans and specifications obtainable from the office of Maj. Arthur W. Parker upon deposit of a certified check, payable to the Treasurer of the United States, in the amount of \$10.00.

**BIDS WANTED**

**SACRAMENTO CO., Calif.**—Until March 16, 2:30 p.m., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, to be opened at the office of the Builders' Exchange, 720 I St., Sacramento, for the installation and completion of the water distribution system at the air base. Estimated cost, \$45,000.

- Bids will be taken as follows:
- (I) Lump sum, construct and complete a water distribution system, including appurtenances thereto;
  - (II) If the cast-iron pipe is omitted on all water lines and asbestos cement pressure pipe as specified for alternate is substituted, add or deduct from Item (I).

(III) **Unit Prices.** The contractor shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions from or additions to the contract amount, providing any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place, unless otherwise noted.

- (A-1) 16-in. cast-iron pipe, per l.f.;
- (A-2) 14-in. Do.;
- (A-3) 12-in. Do.;
- (A-4) 10-in. Do.;
- (A-5) 8-in. Do.;
- (A-6) 6-in. Do.;
- (A-7) 4-in. Do.;
- (B-1) 16-in. asbestos cement pipe, per l.f.;

**LOS ANGELES CO.—AQUEDUCT PIPELINES—Met. Dist.**

**LOS ANGELES CO., Calif.**—Basch Bros., 20550 Normandie Ave., Torrance, at \$295,040.00, as previously reported, submitted low bid to the Metropolitan Water District, Los Angeles, under Spec. No. 189, for constructing cast-in-place concrete pipe lines and appurtenant works for the Upper Feeder of the Colorado River Aqueduct distribution system.

The work is located in Los Angeles County and comprises the construction of approximately 1219 l.f. of 9-ft. 8-in. dia. and 554 l.f. of 7-ft. diameter pipe line and appurtenant structures, and has been divided into schedules as follows:

Schedule 8C—Across San Gabriel Canyon just below Morris Dam, 575 ft., 9 ft. 8 in. inside diameter.

Sch. 9C—Across Monrovia Canyon in Monrovia, 532 ft., 9 ft. 8 in. inside diameter.

Sch. 12C—Across Eagle Rock Canyon north of Eagle Rock, 554 ft., 7 ft. inside diameter.

The work involves:

**SCHEDULE 8C**

Construction of the San Gabriel Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 2358 plus 46 and 2363 plus 68. Inside diameter 9 ft. 8 in., length of schedule, 521 feet.

- (1) 22,000 c.y. excavation;
- (2) 9900 c.y. backfill;
- (3) 1200 c.y. concrete in structures, reinforced;
- (4) 20 c.y. do, plain;
- (5) 760 c.y. concrete in cast in place pipe;
- (6) 240,000 lbs. placing reinf. steel in structures;
- (7) 290,000 lbs. placing reinf. steel in cast in place pipe;
- (8) 30,000 lbs. installing slide gates and holsts;
- (9) 54,000 lbs. installing miscellaneous metal;
- (10) does not apply here;
- (11) 100 l.f. installing concrete drain pipe;
- (12) 260 c.y. tunnel enlargement;
- (13) 15 MFMB furnishing and placing perm. timbers in tunnel;
- (14) does not apply here;
- (15) 20 c.y. gunite coating of rock;
- (16) 400 l.f. drilling grout holes;
- (17) 40 connections for grouting;
- (18) 39 c.y. mixing and placing grout;
- (19) 1400 ton-miles hauling steel;
- (20) 2600 ton-miles hauling cement.

**SCHEDULE 9C**

Construction of the Monrovia Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 254 plus 61 and 2600 plus 62. Inside diameter 9 ft. 8 in., length of schedule 601 ft.

- (1) 17,000 c.y. excavation;
- (2) 13,000 c.y. backfill;
- (3) 900 c.y. concrete in structures, reinforced;
- (4) 20 c.y. do, plain;
- (5) 770 c.y. concrete in cast in place pipe;
- (6) 150,000 lbs. placing reinf. steel in structures;
- (7) 310,000 lbs. placing reinf. steel in cast in place pipe;
- (8) does not apply here;
- (9) 30,000 lbs. installing miscellaneous metal;
- (10) 362 l.f. installing welded steel spillway pipe;
- (11) 200 l.f. installing concrete drain pipe;
- (12) and (13) do not apply here;
- (14) 2 c.y. gunite coating of rock;
- (15) 100 l.f. drilling grout holes;
- (17) 30 connections for grouting;
- (18) 5 c.y. mixing and placing grout;
- (19) 600 ton-miles hauling steel;
- (20) 1,100 ton-miles hauling cement.

**SCHEDULE 12C**

Construction of the Eagle Rock Canyon crossing of the upper feeder of the Colorado River Aqueduct distribution system between Stations 319 plus 05 and 3224 plus 39. Inside diameter 7 ft., length of schedule, 534 feet.

- (1) 5,000 c.y. excavation;
- (2) 7,000 c.y. backfill;
- (3) 500 c.y. concrete in structures, reinforced;
- (4) 20 c.y. do, plain;
- (5) 339 c.y. concrete in cast in place pipe;
- (6) 75,000 lbs. placing reinf. steel in structures;
- (7) 85,000 lbs. placing reinf. steel in cast in place pipe;
- (8) 55,000 lbs. installing slide gates and holsts;
- (9) 22,000 lbs. installing miscellaneous metal;
- (10) does not apply here;
- (11) 100 l.f. installing concrete drain pipe;
- (12) (13) and (14) do not apply here;
- (15) 5 c.y. gunite coating of rock;
- (16) 100 l.f. drilling grout holes;

**Universal Form Clamp Co.**

INCORPORATED

MANUFACTURERS AND ENGINEERS

**FORM CLAMPING DEVICES AND ACCESSORIES FOR CONCRETE CONSTRUCTION**

**UNI-FORM PANEL FORMS RENTED AND BOLD**

- |                     |                     |                 |
|---------------------|---------------------|-----------------|
| Spi.-Ra.-Loe Clamps | Collapsible Insert  | Beam Wrapping   |
| Threaded Rods       | Beam Clamps         | Anchor Slot     |
| Cone Nut Couplings  | Metal Cleats        | Brick Anchors   |
| Hex Nut Couplings   | Wire Beam Saddles   | Stone Anchors   |
| Paper Tubing        | Band Iron Hangers   | Slotted Inserts |
| Spreader Cones      | Joint Supports      | Strut Supports  |
|                     | Strip Metal Hangers | Screed Chairs   |

REINFORCING ACCESSORIES FOR STRUCTURES AND ROADS

**PACIFIC COAST DIVISION**  
OFFICE AND FACTORY

UNderhill 8688

130 Hooper Street

- (17) 10 connectors for grouting;
- (18) 5 c.y. mixing and placing grout
- (19) 400 ton-miles hauling steel;
- (20) 750 ton-miles hauling cement.

The total bids, showing sub totals as figured by the bidders, together with extended grand total and stipulations, follow:

- (A) Basch Bros., Torrance—(Sch. 8C \$96,220; (Sch. 9C) \$73,544.00; (Sch. 12C) \$35,666; grand total, \$205,040.60. Stipulations: All or none.
- (B) Case Constr. Co., Inc., Alhambra—(Sch. 8C) \$94,620; (Sch. 9C) \$75,416.50; (Sch. 12C) \$48,052.50; grand total, \$218,089. Stipulations: In case Schedules 8C and 9C are awarded, deduct \$1 per c.y. from the bids for Items 3 and 5, of both schedules. In case Sch. 12C is awarded to this bidder in addition to 8C and 9C, deduct \$1 per c.y. from bid prices on Items 3 and 5 of Schedule 12C.
- (C) Elliott, Stroud Bros. & Seabrook, Pasadena—(Sch. 8C) \$106,940; (Sch. 9C) \$81,346; (Sch. 12C) \$81,346; (Sch. 12C) \$48,405; grand total, \$236,691.
- (D) United Concrete Pipe Corp., Los Angeles—(Sch. 8C) \$118,615; (Sch. 9C) \$82,416; (Sch. 12C) \$38,140; grand total, \$239,163. Stipulations: Will not accept any one or two

schedules. Only three together, and separate contract.

- (E) Morrison-Knudsen Co., Inc., Los Angeles—(Sch. 8C) \$117,820; (Sch. 9C) \$85,196; (Sch. 12C) \$45,080; grand total, \$248,096. Stipulations: All or none.
- (F) Hoagland Engr. & Constr. Co., Long Beach—(Sch. 8C) \$125,814; (Sch. 9C) \$83,798.40; (Sch. 12C) \$40,278; grand total, \$249,891.60. Stipulations: Will accept all three only; each schedule shall be a separate contract and payments shall be separate and acceptance of any schedule shall relieve contractor of liability to that extent.
- (G) Metropolitan Constr. Co., 208 W. 8th St., Los Angeles (Wood & Bevanda and Jahn & Bressl; C. W. Wood, President; N. F. Jahn, Secretary-Treasurer)—(Sch. 8C) \$124,520; (Sch. 9C) \$86,864; (Sch. 12C) \$42,645; grand total, \$254,029. Stipulations: Will accept only award of all schedules. In the event that 9-ft. 8-in. inside diam. pipe is used in lieu of 7-ft., as per specifications on 12C, deduct \$1 per c.y. from the price for Item 5 in Schs. 8C and 9C, and \$10 per c.y. from the price for Item 5, Sch. 12C.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
SCHEDULE 8C							
(1)	\$ 1.10	\$ 1.05	\$ 1.25	\$ 1.29	\$ 1.75	\$ 2.05	\$ 2.00
(2)	.50	.65	.40	.60	.55	.50	.60
(3)	24.40	23.50	32.00	29.00	29.50	30.33	29.00
(4)	12.00	15.00	20.00	18.70	25.00	14.88	20.00
(5)	26.00	20.50	25.00	27.00	24.00	29.33	20.00
(6)	.015	.02	.02	.028	.015	.015	.02
(7)	.0125	.0125	.01	.028	.012	.015	.015
(8)	.04	.04	.04	.056	.03	.04	.03
(9)	.05	.08	.05	.056	.08	.06	.05
(10)	...	...	...	...	...	...	...
(11)	.50	.75	1.00	2.00	1.00	2.00	1.00
(12)	8.00	12.50	12.00	9.50	15.00	3.00	20.00
(13)	110.00	103.00	100.00	150.00	130.00	80.00	200.00
(14)	...	...	...	...	...	...	...
(15)	22.00	30.00	20.00	28.00	23.00	30.00	50.00
(16)	1.00	1.00	1.00	1.50	1.00	1.50	1.00
(17)	5.00	3.00	2.00	3.75	5.00	2.00	5.00
(18)	40.50	30.00	30.00	37.50	15.00	10.00	40.00
(19)	.40	.20	.30	.95	.15	.40	.25
(20)	.20	.20	.20	.35	.10	.20	.20
SCHEDULE 9C							
(1)	1.00	1.05	1.00	1.10	1.35	1.41	1.50
(2)	.45	.65	.30	.40	.45	.32	.60
(3)	22.10	23.25	33.00	28.00	30.00	30.33	29.00
(4)	12.00	15.00	20.00	15.00	25.00	14.88	20.00
(5)	26.50	21.75	25.00	22.00	24.00	22.14	20.00
(6)	.015	.02	.02	.025	.015	.015	.02
(7)	.0125	.0125	.01	.025	.012	.015	.015
(8)	...	...	...	...	...	...	...
(9)	.05	.08	.05	.05	.08	.06	.05
(10)	2.05	2.00	3.00	3.00	3.00	3.00	2.00
(11)	.50	.75	1.00	2.00	1.00	2.00	1.00
(12)	...	...	...	...	...	...	...
(13)	...	...	...	...	...	...	...
(14)	160.00	75.00	100.00	40.00	50.00	30.00	50.00
(15)	22.00	30.00	20.00	28.00	23.00	30.00	50.00
(16)	1.00	1.00	1.00	1.50	1.00	1.50	1.00
(17)	5.00	3.00	2.00	4.00	5.00	2.00	5.00
(18)	40.50	30.00	40.00	40.00	30.00	10.00	40.00
(19)	.40	.20	.40	1.00	.15	.40	.50
(20)	.20	.20	.30	.40	.10	.20	.40
SCHEDULE 12C							
(1)	1.10	1.85	1.50	1.20	1.75	1.68	1.50
(2)	.50	.65	.60	.50	.55	.33	.60
(3)	22.61	34.00	33.00	22.00	33.00	30.33	29.00
(4)	12.00	21.25	20.00	15.00	25.00	14.88	20.00
(5)	26.70	29.00	40.00	22.00	26.00	22.14	29.00
(6)	.015	.02	.02	.03	.02	.015	.02
(7)	.0125	.0125	.01	.03	.015	.015	.015
(8)	.04	.04	.04	.05	.03	.04	.03
(9)	.05	.08	.05	.05	.08	.06	.05
(10)	...	...	...	...	...	...	...
(11)	.50	.75	1.00	2.00	1.00	2.00	1.00
(12)	...	...	...	...	...	...	...
(13)	...	...	...	...	...	...	...
(14)	...	...	...	...	...	...	...
(15)	22.00	30.00	30.00	28.00	30.00	30.00	50.00
(16)	1.00	1.00	1.00	1.50	1.00	1.50	1.00
(17)	5.00	3.00	2.00	4.00	5.00	2.00	5.00
(18)	40.50	30.00	40.00	40.00	30.00	10.00	40.00
(19)	.40	.20	.40	1.00	.15	.40	.25
(20)	.20	.20	.30	.40	.10	.20	.40

- (B-2) 14-in. Do.;
- (B-3) 12-in. Do.;
- (B-4) 10-in. Do.;
- (B-5) 8-in. Do.;
- (B-6) 6-in. Do.;
- (B-7) 4-in. Do.;
- (C-1) 2-in. standard weight genuine wrought-iron pipe, per l.f.;
- (C-2) 1½-in. Do.;
- (D-1) 16-in. gate valves, each;
- (D-2) 14-in. Do.;
- (D-3) 12-in. Do.;
- (D-4) 10-in. Do.;
- (D-5) 8-in. Do.;
- (D-6) 6-in. Do.;
- (D-7) 4-in. Do.;
- (E) Cast-iron fittings, per lb.;
- (F) Valve boxes, each;
- (G) Post indicators, including connections to valves, each;
- (H) Fire hydrants, including connections to main, each;
- (I) Fire hydrants, flush type, including connections to main, ea.;
- (J) Sheeting ordered left in place, per MFBM;
- (K) Rock excavation, per c.y. Plans and specifications obtainable from the office of Major Arthur W. Parker upon deposit of certified check, payable to the Treasurer of the United States, in the amount of \$10.

BIDS OPENED

LOS ANGELES, Calif.—Case Construction Co., Inc., 905 Westminster St., Alhambra, submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, at \$52,197.94 (discount under item "q" deducted), for construction of 20-in. cast-iron water supply line under main ship channel, San Pedro. FWA Docket 1920-R; Unit No. 89-B. Spec. No. X-92.

The work involves:

- (a) 175 tons cast iron pipe and fittings to be transported from Dept.'s San Pedro yard;
- (b) 108 l.f. furnish and install 30-in. ID corrug. galv. steel pipe with struts under S. P. Ry. tracks; to install inside this pipe 20-in. flanged end cast iron pipe;
- (c) 11 c.y. furnish all material and place concrete anchor block on 20-in. cast iron pipe;
- (d) 496 l.f. furnish and drive fourteen crosstied piles (4 24-ft., 4 30-ft., 2 40-ft., and 4 50-ft.);
- (e) lump sum, construct reinforced concrete pile caps, pipe supports and reinf. concrete tie struts;
- (f) 96 l.f. install 20-in. flanged end cast iron pipe from end of anchor blocks to 90-deg. bend;
- (g) 54 l.f. furnish material and sink a 7-ft. min. dia sheet pile caisson, excavate to required subgrade inside thereof and dispose of excavated material;
- (h) 50 l.f. install inside caisson 20-in. flanged end CI pipe, inc. 90-deg. bends at top and bottom, and 24-inch section flange and flexible joint spigot;
- (i) 10 c.y. furnish material and place concrete at subgrade inside 7-ft. ID caisson;
- (j) 47 l.f. furnish and install inside caisson and outside the 20-inch CI pipe 36-in., 24-ga. steel pipe; place reinf. concrete in space between 20- and 36-in. pipe;
- (k) 1424 l.f. excavate trench for 20-in. pipe from caisson to end or contract on east shore of main ship channel;
- (l) 20 c.y. furnish and place rock blanket for approx. 16 ft. east of caisson;
- (m) 300 c.v. furnish and place crushed rock if required to fill irregularities in pipe trench across channel;
- (n) 1424 l.f. install 20-in. CI pipe across main ship channel from caisson to end of contract on east shore of channel;
- (o) 1424 l.f. backfill over 20-in. CI pipe across channel from cais-

- son to end of contract on east shore of channel;
- (p) 100 c.y. replace rock riprap and place additional riprap it required;
- (q) discount for 40-hour work week in place of work month of not over 130 hours for each labor classification.

- The total bids were:
- (A) Case Construction Co. Inc., Alhambra—\$59,197.91 (after deducting 2% or \$1065.26 for item "q").
  - (B) Kohl-Connolly Co., Los Angeles—\$58,756.70.
  - (C) Hull-Smale-Robinson Co., Wilmington—\$59,659.15 (1 1/2% or \$908.52 for item "q").
- The unit bids were:

	(A)	(B)	(C)
(a)	\$ 1.50	\$ 1.30	\$ 1.82
(b)	15.00	21.00	44.23
(c)	44.00	48.00	44.10
(d)	2.70	1.70	5.26
(e)	750.00	952.00	1047.00
(f)	5.00	7.50	4.48
(g)	70.00	45.00	87.26
(h)	12.50	14.50	6.96
(i)	40.00	28.00	43.88
(j)	13.00	9.00	23.20
(k)	12.25	19.00	19.00
(l)	10.00	10.00	8.78
(m)	8.75	6.35	8.25
(n)	10.50	8.53	5.45
(o)	5.30	5.27	4.75
(p)	5.00	5.19	7.00
(q)	2%		1 1/2%

**CONTRACT AWARDED**

**SAN FRANCISCO**—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1,608.75, awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 138, for laying 4-in., 6-in. and 8-in. cast-iron mains in Chester and Silver Avenues, Santa Fe, Rhine, and Greenwich Streets.

**SAN FRANCISCO**—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1,608.75 submitted low bid to the Hall, under Spec. No. W. D. 138, for laying 4-in., 6-in., and 8-in. castiron mains in Chester and Silver Avenues, Santa Fe, Rhine, and Greenwich Sts.

- The work involves:
- (1) 1,490 lf. excav. and backfill for 4-in., 6-in. and 8-in. pipe, trench 17 in. wide by 36 in. deep;
  - (2) 40 c.y. additional excavat. and backfill;
  - (3) 90 sq. ft. additional pavement removal and replacement;
  - (4) Installing pipe;
    - (a) 590 lf. 4-in. bell and spigot cast-iron pipe
    - (b) 625 lf. 6-in. do.;
    - (c) 275 lf. 8-in. do.;
  - (5) 2,400 lbs. installing fittings, gate valves, etc.;
  - (6) 200 lf. bell and spigot joints, making joints for pipe and fittings;
  - (7) Re pavement:
    - (a) 1,800 sq. ft. asphaltic concrete;
    - (b) 60 sq. ft. sidewalk;
  - (8) 13 each, installation of 3/4-in.
  - (9) 75 lf., installation of 3/4-in. copper service pipe.

Total bids follow:

(A) E. J. Treacy	\$1,608.75
(B) W. J. Tobin	1,688.20
(C) P. L. Burr	1,901.20

Unit bids follow:

	(A)	(B)	(C)
(1)	\$0.665	\$0.50	\$0.69
(2)	.75	1.00	.75
(3)	.25	.40	.25
(4a)	.06	.08	.06
(4b)	.06	.08	.06
(4c)	.08	.08	.08
(5)	.02	.03	.02
(6)	.23	.30	.23
(7a)	.20	.30	.20
(7b)	.20	.35	.20
(8)	1.50	2.50	1.50
(9)	.20	.30	.20

**BIDS WANTED**

**FRIANT, Fresno Co., Calif.**—Until March 3, 10 a.m., as previously reported, bids will be received by the Bureau of Reclamation, Walker E. Young, Constructing Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 883-D, for the construction of a water tank at the Government Camp at Friant Dam, Central Valley Project, about 22 mi. north of Fresno.

The tank will be a circular steel tank, having a capacity of 100,000 gals., and will be erected on a gravel foundation prepared by the Government.

Bids will be taken as follows:

- (1) Lump sum, furnishing and erecting one 100,000-gal steel water tank, complete, in accordance with specifications and drawings; shipment of materials to Friant to be made on commercial bills of lading at the expense of the contractor;
- (2) Same as Item (1) except shipment to be made to Friant on Government bills of lading.

Work shall be commenced within 15 calendar days and completed within 100 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento, Denver or Washington, D. C., without charge to prospective bidders; to others, 75c, not returnable. Plans will be available about Feb. 15.

A. M. Torpen, division engineer in charge at Friant; T. R. Smith, division office engineer.

**TO ASK BIDS**

**SALEM, Oregon**—The Salem Water Department, Cuyler Van Patten, Department Manager, has been authorized to call for bids on a cross-town arterial water main ranging from 27 in. to 10 in. in diam., estimated to cost \$126,000.

Sivons & Koon, Spalding Bldg., Portland, engineers.

**BIDS OPENED**

**BONNEVILLE, Oregon**—Portland Roofing Co., Couch Bldg., Portland, at \$1,590, submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-261, for sandblasting and applying bituminous enamel to the

waterways of the station service turbine unit in the Bonneville powerhouse, involving 4,396 sq. ft. of sandblasting and enameling.

Complete bids follow: Portland Roofing Co., Portland, \$1,590 Industrial Spray Painting

Corp., Portland	1,650
Wailles-Dove-Hermiston Corp., San Francisco	2,200
E. M. Stiles, Portland	2,230
Gunite Co., Portland	2,365
Commercial Iron Works, Portland	2,737

**34— PARKS AND PLAY-GROUNDS**

**NEW BIDS WANTED**

**SALINAS, Monterey Co., Cal.**—Until March 10, 10 A. M., new bids will be received by the Procurement Division, Public Works Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Salinas.

Specifications may be obtained from the above office and from the Custodian of the Building, Salinas. At previous bid opening am Ward at \$495, submitted low bid.

**BIDS WANTED**

**FORT LEWIS, Wash.**—Until March 5, 10 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-35, for furnishing square, holly, harem kevens, and fire thorn trees.

Delivery f.o.b. nursery. Specifications obtainable from the above office.

**BIDS REJECTED**

**LODI, Stanislaus Co., Calif.**—The Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for seeding and planting the grounds of the U. S. post office at Lodi. Work is to be re-advertised shortly.

**CONTRACT AWARDED**

**SAN PEDRO, Los Angeles Co., Cal.**—City Wide Lawn Service Co., 815 W. Hyde Park Blvd., Inglewood, was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office and custom house at San Pedro.

**WILLIAMS - WALLACE COMPANY**

Manufacturers of  
**CONCRETE ACCESSORIES**  
and Building Specialties

<p><b>Form Clamps</b> Tie Rods—Plain or Threaded Concrete Moppers Paper Tubing Bar Supports for Reinforcing Steel Anchor Slet Brick, Stone &amp; Terra Cotta Anchors Sleeper Anchors</p>	<p><b>HIGHWAY ACCESSORIES:</b> Chairs for supporting Reinforcing Steel End Caps for Dewels End Guards for Expansion Joint Expansion Joint Copper Expansion Joint Cross Walk Markers Metal Corner Bead</p>
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**HE mlock 0378      -- 160 HOOPER STREET**

**CASSIDY AND GRATTA**

ELECTRIC AND ACETYLENE  
**WELDING**

884 Folsom St., San Francisco - Phone DOuglas 815

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**FORT MASON.**—Until March 10, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-302 for furnishing one garment pressing machine, steam.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 10, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-303, for furnishing floor-sweeping brushes, handles for brushes, mop handles, and cotton mops.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 5, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 898-37-186, for furnishing 500 ft. high-grade pipe steel, uncoated, fibre core, wire rope.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 5, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 898-37-185, for furnishing 144 ft. seamless welded steel pipe.

Delivery f.o.b. Pier 27, San Francisco.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 2, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-61, for furnishing 28,000 ft. b. m. Douglas fir lumber.

Delivery f.o.b. West Portal of Tunnel, Fort Baker.

Date of opening bids was extended from February 20, previously reported.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 2, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-177, for furnishing bolts, steel plates and nails.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-180, for furnishing two complete curb guards, each composed of eight sections of angle steel, bent to shape with necessary splice plates, etc.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

**SACRAMENTO.** Cal.—Until March 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1165-37-165, for fur-

nishing dies, punches, saws, pipe fittings, etc.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

**FORT McDOWELL.** Calif.—Until March 5, 11 A. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. QM 536-37-25, for furnishing redwood lumber, Oregon pine lumber, wiring materials, etc.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 5, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-183, for the lease and operation of one Diesel powered towboat, for a period of 3 months, with an extension privilege for a like period of time, to be used in towing barges between San Francisco and Rio Vista, and for dredge tending, etc. in the Bay Area.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 3, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-178, for furnishing miscellaneous electrical, plumbing and hardware supplies.

Specifications obtainable from the above office.

**FORT MASON.** Cal.—Until March 6, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-66, for furnishing floor tile and cover base.

Delivery fob Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT FUNSTON.** Cal.—Until Mar. 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-181, for furnishing lumber and millwork.

Delivery fob Fort Funston.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 4, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-296, for furnishing six fender logs, for piling protection, 40 ft. long, No. 1 Douglas fir, 30 inches in diameter at the smallest end, with natural taper.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 2, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-173, for the rental of one dragline, convertible 1½-cy. capacity, gas or diesel powered, equipped with a boom not less than 50 ft. long, without operator, for approximately 80 hours.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

March 4, 2 P. M.

BID No. 4346—9000 No. 6 telephone batteries; f.o.b. various points.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 3, 2 p. m., bids will be received by G. D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 999, for furnishing motor - driven brake shoe lining machine and brake drum and brake-shoe gauge; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 4, 2 p. m., bids will be received by G. D. Huestis, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1006, for furnishing one 60-ton capacity hydraulic press; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

**GOVERNMENT ISLAND.** Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

MARCH 2, 2 P. M.:

BID No. 436: Finish hardware; fob bidder's shipping point and/or Arcadia Warehouse site;

BID No. 4341: 1 gas water heater, storage, 30-gal. capacity, and one do, 50-gal. capacity; fob bidder's shipping point and/or Arcadia Warehouse site.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 2, 10 a. m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3463, for the rental of one 60-hp. tractor, gasoline or diesel driven, equipped with bulldozer, for use on WPA projects.

Delivery f.o.b. Outer Harbor Terminal, Oakland.

Specifications obtainable from the above office.

## MET. WATER DISTRICT

**LOS ANGELES.**—Until March 15, 2 p. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing two 66-in. and two 72-in. hand-operated, cast-iron sluice gates, complete with operating mechanisms and all appurtenances, for installation at the Colorado River aqueduct pumping plants designated as Iron Mountain and Eagle Mountain, in accordance with Spec. No. 195. Copies may be obtained upon payment of \$2 per set, not returnable. Certified or cashier's check for \$400 must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

## CANAL ZONE

PANAMA CANAL ZONE.—Until March 2, 10:30 a. m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3227, for furnishing miscellaneous supplies and equipment, including Steel Cylinders, Reamers, Presses and vacuum Gauges, Metal-cutting Band Saws, Screw Clamps, Ship Scrapers, Steel Stamping Letters, Electrode Holders, "T" Connectors (Cable Taps), Toggle Switches, Link Fuses, Magnet Wire, Plate Mill Insulation, Glass, Hackaws, Frames, Carpenter's Hammers, Garden Hoes, Hay Forks, Wire Brushes, Fasteners (clinch-type and wood-screw type), Metallic Tapes, Oxygen Hose, Steel Wool, Liquid Metal Polish, Rawhide Belt Lacing, Cotton Lacing, Sheet-fiber Packing, Sheet-rubber Packing (cloth-insertion), Asbestos Packing, Cotton Candle-wick Facking, Untarred Rope Yute, and Anhydrous Ammonia (in Steel Cylinders).

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

GRINDER machine, motor-driven, with exhaustor equipment; Key-port, Wash. Sch. 1029; March 2.

GRINDERS, 10, floor-type double emery; San Pedro and Puget Sound, Sch. 1045; March 5.

GRINDING machines, motor-driven universal tool and cutter; Puget Sound, Sch. 1033; March 5.

PUMPS, motor-driven oil; East and West Yards, Sch. 9950; March 5.

CLOTH, 171 rooms, aluminum-oxide abrasive; Puget Sound, Sch. 1052; March 5.

ENGINES, 6, 150-hp. marine diesel; Puget Sound, Sch. 1040; March 5th.

FLANGING and expanding machine, pipe, motor-driven; East or West Yards, Sch. 7; March 9.

REACTOR, electric power line; East or West Yard, Sch. 9; March 9.

INDICATING systems, 3, tank-level; Mare Island, Sch. 15; March 9.

TUBING, aluminum alloy; East and West Yards, Sch. 1043; March 9.

STEEL plates, 23,625 lbs.; Mare Island, Sch. 3; March 9.

PUMP motor-driven, hydraulic; Mare Island, Sch. 1049; March 12.

PUMP motor-driven, hydraulic; Mare Island, Sch. 1050; March 12.

COVERING, necessary services and material to apply rubber covering to shafts; East or West Yards, Sch. 36; March 12.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until March 4, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 140, 207 S. Broadway, for furnishing oil circuit breakers, Spec. No. 2204, as follows:

(1) One 400-amp., 7500-volt, T. P. S. T. oil circuit breaker, complete with motor operated closing mechanism, steel mounting, name and terminal terminating capacity, furnished without oil.

(2) One same, except bushing current transformers are to be omitted and provision made in design of switch that will permit current transformers to be mounted in cabinet switch with current transformers to be furnished by department, not including cost of current transformers.

(3) Two 600-amp., 34,500-volt, T. P. S. T., 6-break, automatic trip free, manually operated, floor mounted, 750,000-kva. oil circuit breakers, without oil.

LOS ANGELES, Cal.—Until March 5, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 140, 207 S. Broadway, for furnishing cast iron bell and spigot water pipe as follows:

- (1) 16,000 ft. 8-in. I. D.; job Dept's Hewitt St. Yard (45 days);
  - (2) 16,000 ft. 8-in. I. D. Dept's Vesuvius and Aetna St. Yard, Van Nuys (60 days);
  - (3) 15,000 ft. 12-in. I. D. do (42 days)
  - (4) 15,000 ft. 12-in. I. D.; job Dept's Hewitt St. Yard (49 days);
  - (5) 15,000 ft. 12-in. I. D. job Veaper and Aetna St. Yard, Van Nuys (56 days);
  - (6) 15,000 ft. 12-in. I. D. job Dept's Hewitt St. Yard (65 days).
- Specification X-93.

LOS ANGELES.—Until March 2, 10 a. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing rotor field pole pieces; field discharge resistor; new name plate for 60 cycles. Bid No. 7455.

LOS ANGELES.—Until March 5, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing 18 only, 600-ampere, 7.5-kv. TPST oil circuit breakers, f.o.b. bidder's shipping point and/or f.o.b. 1630 N. Main St., Los Angeles. Spec. No. 2215.

LOS ANGELES.—Until March 5, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing the following:

- (1) 12 only, outdoor type, triple pole, single throw, auto trip free, 125-volt, D.C., solenoid operated, floor mounted oil circuit breakers, without oil, for use on 3-phase, 60-cycle, 35,000-volt, grounded neutral system.
- ALTERNATE: (1) 8 only same;
- (2) 4 same, with 24-volt, D.C. motor wound spring operating mechanism in lieu of solenoids.
- (1) 3 tank-lowering devices, f.o.b. bidder's shipping point and/or 1630 N. Main St., Los Angeles. Spec. No. 2208.

## RECLAMATION BUREAU

CASPER-ALCOVA PROJECT, Wyoming.—Until March 19, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 726, for furnishing and delivering f.o.b. here at the shipping point and/or Casper, Wyoming, three 25-ft. 8-in. by 40-ft. fixed-wheel gates, with gate frames and metalwork for gate counterweights; for installation in the spillway at the Alcoa Dam, Casper-Alcova Project, Wyoming.

The gates, gate frames, and counterweights will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation, Denver, Colorado or Washington, D. C., without charge to prospective bona fide bidders; to others, \$2.50, not returnable

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

MARCH 1, 10 A. M.:  
BID NO. 3439: Millwork; job Roosevelt Elementary School, Kingsburg.

BID NO. 3438: One lot tile work; job Zoological Gardens, Sunset Gardens, Sunset Blvd., near Skyline, San Francisco.

BID NO. 3442: 70 standard cast iron manhole rings and covers and 70 Type A do; job 872 Willow St., San Jose.

MARCH 2, 10 A. M.:  
BID NO. 3447: Cable and wire; job Zoological Gardens, Sunset Blvd. near Skyline, San Francisco;

BID NO. 3446: One lot steel mesh; job Aquatic Park, Larkin and Beach Sts., San Francisco.  
Specifications obtainable from the above office.

SAN FRANCISCO.—Until March 2, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3454, for furnishing reinforcing steel bars for use on WPA projects.

Delivery job Lyon St. approach, Halleck St. and Marino Blvd., San Francisco.  
Specifications obtainable from the above office.

## EAST FAY UTILITY DIST.

OAKLAND, Alameda Co., Calif.—Until March 3, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 190, for furnishing two pumping units for the Purdue Upper Cragmont Pumping Plant.

The pumps shall have a horizontal shaft, centrifugal, each having a capacity of 575 g.p.m. at a head of 4.0 ft., each direct connected to an induction motor of 440 volts, 3-phase, 60 cycles, mounted on continuous bed plate.

Delivery f.o.b. Corporation Yard, 22nd and Adeline Sts., Oakland.

Specifications obtainable from the above office.

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., MARCH 6, 1937

No. 7

## REPORT SHOWS S. F. BUILDING VOLUME STEADY

**Public Awards Absent; Permit Total Remains At the January Level**

With practically no public building awards during the month, San Francisco's building permit values during February showed a slight decline from February, 1936, remaining at approximately the same level as in January, 1937.

The monthly permit total, released by Head Clerk S. J. Rosenblum of the central permit bureau, lists the month's building at \$1,219,576.

This compares with \$1,225,375 for the preceding month and with a permit value total of \$1,299,971 in February, 1936.

Residential building, as indicated by the total for frame construction, amounted to \$716,300, an increase of about \$77,000 over the frame total for February last year.

Permits issued last month for Class A, B and C construction all showed gains over the corresponding 1936 month. Alterations were lower, and public building was more than \$280,000 less than in February last year.

No federal government or harbor work permits were issued either in February, 1937, or 1936.

Building thus far in 1937 has amounted to \$2,444,942, Rosenblum reported, as compared with \$2,329,291 in the first two months last year.

Following is a comparative classification of permits issued in February, 1936, and 1937:

Class	Feb., 1937		Feb., 1936	
	No.	Cost	No.	Cost
A .....	2	\$25,000	.....	.....
B .....	2	130,000	1	\$ 4,500
C .....	9	113,500	8	83,404
Frames .....	155	716,300	138	639,480
Alterations .....	409	219,907	394	285,482
Public .....	1	4,950	3	286,100
U. S. Govt. ....	.....	.....	.....	.....
Harbor .....	.....	.....	.....	.....
Total .....	578	1,219,567	544	1,299,971

## STEEL BOOKINGS OVER LAST YEAR

According to reports to the American Institute of Steel Construction the total volume of fabricated structural steel booked in January was seasonally down in comparison with recent months but comfortably in excess of the record of last year. The total of new business was 130,651 tons in January, approximately 55.9 per cent of the annual average for the years 1928-1931. The new business booked in January 1936 was 51.4 per cent of normal.

Shipments during January this year amounted to 92,020 tons or 39.3 per cent of normal, whereas the shipments during the same month last year were only 34.2 per cent of normal.

## New Suit Against Project Is Filed

A second injunction suit, similar to that filed in Contra Costa county last week, was entered this week in Modesto by 35 land holders in Western Stanislaus county, who seek to halt construction work on the Central Valley project.

The property owners, in their suit, allege that their land is riparian to the San Joaquin river, and that diversion of Sacramento river water to the San Joaquin will result in soil and other damages they estimated at \$1,678,000. Some 300,000 acres of land will be affected, the suit holds.

As in the Contra Costa county suit, defendants include the Water Project Authority of the State of California and a long list of officials associated in various connections with the project.

## NUMBER CHANGED

Gladding Brothers Manufacturing Co., 417 Berry St., San Francisco, reports its telephone number has been changed from MARKET 2770 to GARFIELD 2010.

## NEWARK PLANT IS STARTED BY EASTERN FIRM

**\$1,000,000 Chemical Works For N. Y. Company; Ferguson Holds Contract**

Continuing the industrial expansion which has characterized recent months in the Bay region, construction of a chemical plant for the West-Baco Chlorine Products Co. of New York has been started near Newark, Alameda county.

When the plant is completed approximately \$1,000,000 will have been expended for construction, it is estimated.

General contractor for the big job is the Ferguson Construction Co. of Cleveland, Ohio.

The plant will consist of seven steel frame buildings with galvanized iron walls and roof, officials of the company said yesterday. Also planned for early construction are several chemical tanks outside the buildings.

## Plans by Owner

Plans for the construction program were prepared by the chemical company's engineering department. E. P. Wilson is chief engineer. Superintendent of construction for the Ferguson company on the project is Mr. Deatherage.

Sub-contracts for portions of the work may be let in the near future, Mr. Deatherage said.

Construction of a long pipe line to the plant is planned, West-Baco officials indicated, but details were not available.

## ELECT WATSONVILLE EXCHANGE OFFICERS

Frank Hair was elected president of the Watsonville Builders Exchange last week at a banquet meeting of the organization. He succeeds O. A. Brugler, exchange president for the past year.

Other officers elected were Harry Bender, vice president; Ted Taylor secretary; Julius Schanbacher, treasurer; and H. W. Malbury, sergeant at arms. Taylor and Schanbacher were re-elected.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
419	Happy	McKeon	4000
420	Happy	McKeon	4000
421	Happy	McKeon	4000
422	Happy	McKeon	4000
423	Happy	McKeon	4000
424	Happy	McKeon	4000
425	Happy	McKeon	4000
426	Happy	McKeon	4000
427	Gazzano	Kappeler	5000
428	Schmidt	Owner	3000
429	Meyers	Barrett	15000
430	Resnick	Owner	1600
431	Allison	Owner	4500
432	Guinasso	Guinasso	4000
433	Arnott	Owner	4000
434	Arnott	Owner	3500
435	Arnott	Owner	4000
436	Arnott	Owner	4000
437	Arnott	Owner	4000
438	Arnott	Owner	4000
439	Arnott	Owner	4000
440	Arnott	Owner	4000
441	Arnott	Owner	3500
442	Arnott	Owner	4000
443	Arnott	Owner	4000
444	Arnott	Owner	4000
445	Meyer	Owner	4500
446	Krull	Hamel	2000
447	Scottiab	Larsen	3000
448	Becker	Kinley	3000
449	Hendrickson	Hamel	1000
450	Wunner	Mills	7000
451	Whitney	Owner	3000
452	Harrell	Heglin	1000
453	Diment	Robinson	6000
454	Perkins	Owner	4000
455	Schlage	Cahill	22000
456	O'Day	Owner	2000
457	O'Day	Owner	1400
458	Ruegg	Owner	4000
459	Ruegg	Owner	4000
460	Gubbins	Callaghan	2600
461	Richards	S. F.	2000
462	Woodruff	Owner	3000
463	Milly	Owner	2500
464	Moore	Moore	2500
465	Smith	Thulin	1000
466	Mohler	Owner	3500
467	Bartell	Erickson	4750
468	Hallgren	Owner	4000
469	Frost	Strate	6500
470	O'Neill	Owner	2500
471	O'Neill	Owner	2500
472	Nickitopoulos	S F	10000
473	Bernhardt	Owner	3500
474	Becker	Kinley	3000
475	Steinberger	Siegrist	1200
476	Stewart	Barrett	3500
477	Evers	Owner	4000
478	Scarpulla	Sartorio	4000
479	Jose	Owner	100000
480	Levison	Mattock	3000
481	Otto	Wold	2000
482	Meyer	Owner	3800
483	Meyer	Owner	3800
484	Ehrman	Jacke	22500
485	Capital	Langfeider	3200
486	Schmidt	Foster	1500
487	Johnson	Owner	4000

**DWELLING**  
 (419) E. 30TH AVE., 375 N RIVERA.  
 One-story and basement frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (420) W. 29TH AVE., 485 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (421) W. 29TH AVE., 433 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (422) E. 30TH AVE., 325 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (423) E. 30TH AVE., 275 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (424) E. 30TH AVE., 300 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (425) W. 29TH AVE., 459 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (426) E. 30TH AVE., 350 N RIV-  
 ERA. One-story and basement  
 frame dwelling.  
 Owner—Happy Homes Bldg. Co., 2194  
 30th Ave.  
 Contractor—C. T. McKeon, 2194 30th  
 Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (427) W. ALEMANY, 115 S SAN  
 JUAN. One-story and basement  
 frame dwelling.  
 Owner—A. Gazzano, 701 Hanover.  
 Contractor—F. H. Kappeler, 128  
 Mottkie.  
 Architect—Not Given. \$5000

**DWELLING**  
 (428) E. HARRISON, 125 S 22ND  
 ST. One-story and basement  
 frame dwelling.  
 Owner—Schmidt Bros., 25 Union.  
 Architect—Not Given. \$3000

**FACTORY**  
 (429) SW COR. BRANNAN AND  
 BUTTE PL. Two-story Class C  
 Factory.  
 Owner—J. Meyers & Co., 25 Crook St.  
 Contractor—Barrett & Hilt, 918 Har-  
 rison.  
 Architect—Dodge A. Riedy, 821 Mar-  
 ket St.  
 Engineer—W. H. Ellison, Pacific  
 Bldg \$15,000

**DWELLING**  
 (430) NE BOWDWIN, 152 NW SIL-  
 LIMAN. One-story and base-  
 ment frame dwelling.  
 Owner—H. Resnick, 2515 San Bruno.  
 Architect—Not Given \$1000

**DWELLING**  
 (431) W. 21ST AVE., 100 S MORA-  
 GA. One-story and basement  
 frame dwelling.  
 Owner—Ray Allison, 111 Taylor St.  
 Architect—Not Given. \$4500

**DWELLING**  
 (432) W. 26TH AVE., 50 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Ethel Scott Guinasso, care  
 Contractor.  
 Contractor—S. A. Guinasso, 4021 Call-  
 fornia.  
 Architect—Not Given. -4000

**DWELLING**  
 (433) W. 15TH AVE., 90 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (434) W. SAN JOSE, 55 N PAULD-  
 ING. One-story and basement  
 frame dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (435) W. 15TH AVE., 59 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (436) W. 15TH AVE., 214 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (437) W. 15TH AVE., 121 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Son, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (438) N. RIVERA, 40 E 15TH AVE.  
 Two-story and basement frame  
 dwelling.  
 Architect—Not Given. \$4000

**DWELLING**  
 (439) W. 15TH AVE., 152 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (440) W. 15TH AVE., 245 S RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

**DWELLING**  
 (441) W. SAN JOSE AVE., 30 N  
 PAULDING One-story and base-  
 ment frame dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (442) NE COR. RIVERA AND FIF-  
 TEENTH AVE. Two-story and  
 basement frame dwelling.  
 Owner—Jas. Arnott & Sons, 633 Tar-  
 aval.  
 Architect—Not Given. \$4000

- DWELLING**  
(443) W. 15TH AVE., 188 S RIVERA.  
One-story and basement frame dwelling.  
Owner—Jas. Arnott & Sons, 633 Taraval.  
Architect—Not Given. \$4000
- DWELLING**  
(444) W. 15TH AVE., 28 S RIVERA.  
Owner—Jas. Arnott & Son, 633 Taraval.  
Architect—Not Given. \$4000
- DWELLING**  
(445) SE COR. TERESITA & ISOLA WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola.  
Architect—Not Given. \$4500
- ALTERATIONS**  
(446) 537 POWELL. Alter apartments.  
Owner—Francis Krull, Prem.  
Contractor—R. B. Hamell and P. Maier, 4014 Geary.  
Architect—Not Given. \$2000
- ALTERATIONS**  
(447) NE VAN NESS AVE. AND SUTTER ST. Alter lodge bldg.  
Owner—Scottish Rite Temple, Prem.  
Contractor—Larsen & Larsen, 629 Bryant.
- DWELLING**  
(448) SW COR. VICTORIA AND GARFIELD. One-story and basement frame dwelling.  
Owner—H. F. Becker, 1967 Ocean Ave.  
Contractor—J. M. Kinley, 206 Judah St.  
Architect—Not Given. \$3000
- ALTERATIONS**  
(449) 806 34TH AVE. Alter dwelling.  
Owner—Mr. Henderickson, Prem.  
Contractor—R. B. Hamell and P. Maier, 4014 Geary St.  
Architect—Not Given. \$1000
- ALTERATIONS**  
(450) S. CHESTNUT, 126 W SCOTT. Alter store.  
Owner—Carl Wunner, care Architect.  
Contractor—Mills Construction Co., Russ Bldg.  
Architect—Geo. H. Welmeyer, 605 Market St. \$7000
- ALTERATIONS**  
(451) 1090 POINT LOBOS. Alter restaurant.  
Owner—Whitney Bros., 4800 Cabrillo.  
Architect—Not Given. \$3000
- ALTERATIONS**  
(452) W. 19TH AVE., 75 N IRVING. Alter dwelling.  
Owner—E. and C. Harrell, 1287 19th Ave.  
Contractor—Phil Heglin, 1245 24th Ave.  
Architect—Not Given. \$1000
- DWELLING**  
(453) SE COR. SANTA PAULA & SANTA MONICA. Two-story & basement frame dwelling.  
Owner—Dr. J. Keater Diment, 450 Sutter St.  
Contractor—Robinson & Johnston, 180 Oak St.  
Architect—John Davis Young, 2002 California. \$6000
- DWELLING**  
(454) E. 28TH AVE., 100 S LAWTON. One-story and basement frame dwelling.  
Owner—E. W. Perkins, 3500 Fulton.  
Architect—C. O. Clausen, 746 46th Ave. \$4000
- FACTORY**  
(455) SE BAYSHORE AND SAN BRUNO. One-story Class C Factory.  
Owner—Schlage Lock Co., 20 Blanken.  
Contractor—Cahill Bros., 206 Sansome.  
Engineer—W. Adrian, 417 Market. \$22,000
- ALTERATIONS**  
(456) 2658 MISSION. Alter dress shop.  
Owner—Mode O'Day, 59 Stockton.  
Architect—Not Given. \$2000
- ALTERATIONS**  
(457) 1659 FILLMORE. Alter store.  
Owner—Mode O'Day, 59 Stockton.  
Architect—Not Given. \$1400
- DWELLING**  
(458) E DESMOND 128 N Sunnydale. One-story and basement frame dwelling.  
Owner and Builder—The Ruegg Co., 369 Pine Street.  
Architect—Not Given. \$4,000
- DWELLING**  
(459) E DESMOND 96 N Sunnydale. One-story and basement frame dwelling.  
Owner and Builder—The Ruegg Co., 369 Pine Street.  
Architect—Not Given. \$4,000
- ALTERATIONS**  
(460) 1275 35TH AVE. Alter dwelling.  
Owner—Mr. Gubbins, premises.  
Contractor—Jack Callaghan, 900 Clay Street.  
Architect—Not Given. \$2,600
- ALTERATIONS**  
(461) 84 POST ST. Alter store.  
Owner—Miss Richards, premises.  
Contractor—S. F. Building and Construction Co., 2212 Polk St.  
Architect—Not Given. \$2,000
- ALTERATIONS**  
(462) 2949 STEINER Street. Alter dwelling.  
Owner and Builder—A. W. Woodruff, 1501 Sutter Street.  
Architect—Not Given. \$3,000
- DWELLING**  
(463) W ANDERSON 100 S OGDEN. One-story frame dwelling.  
Owner—Wm. Milly, 67 Lyell.  
Architect—Not Given. \$2,800
- ALTERATIONS**  
(464) 3676 22ND ST. Alter flats.  
Owner—Moore & Papovich, 1228-1232 Montgomery Street.  
Contractor—George E. Moore, 1228 Montgomery Street.  
Architect—Not Given. \$2,500
- ALTERATIONS**  
(465) 2661 CLAY ST. Alter dwelling.  
Owner—V. Smith, care contractor.  
Contractor—A. L. Thuhn, 63 Brady Street.  
Architect—Not Given. \$1,000
- DWELLING**  
(466) E 35th AVE 250 N Cabrillo. One-story and basement frame dwelling.  
Owner and Builder—T. E. Mohler, 751 28th Avenue.  
Architect—Not Given. \$3,500
- DWELLING**  
(467) NW CANYON DRIVE and S Hill Blvd. One-story and basement frame dwelling.  
Owner—Arthur Bartell, care contractor.  
Contractor—Henry Erickson, 972 Chenery St.  
Architect—Not Given. \$1,750
- DWELLING**  
(468) W 12th AVE 250 N Taraval. One-story and basement frame dwelling.  
Owner & Builder—A. Hallgren, 1594 29th Avenue.  
Architect—Not Given. \$4,000
- FLATS**  
(469) E CORBETT 29 N Morgan Alley. Two-story and basement frame flats.  
Owner—W. Droste, 1711 Washington.  
Contractor—Adolf Strate, 190 Moneta Way.  
Architect—Not Given. \$6,500
- DWELLING**  
(470) E WATERVILLE, 175 N AUGUSTA. One-story and basement frame dwelling.  
Owner—F. J. O'Neill, 150 Kenwood Way.  
Architect—Not Given. \$2,500
- DWELLING**  
(471) E. WATERVILLE, 200 N AUGUSTA. One-story and basement frame dwelling.  
Owner—F. J. O'Neill, 150 Kenwood Way.  
Architect—Not Given. \$2,500
- STORE & MARKET**  
(472) NW COR. GENEVA AND PARIS. One-story Class C store and market.  
Owner—Dan Nickitopoulos, 716-A Natoma St.  
Contractor—San Francisco Bldg. & Constr. Co., 2212 Polk St.  
Engineer—Clarkson & Swain, 320 Market St. \$10,000
- DWELLING**  
(473) E. 14TH AVE., 250 N SANTIAGO. One-story and basement frame dwelling.  
Owner—Albert Bernhardt, 924 Taraval.  
Architect—Not Given. \$3,500
- DWELLING**  
(474) S. GARFIELD, 25 W VICTORIA. One-story and basement frame dwelling.  
Owner—H. F. Becker, 1967 Ocean.  
Contractor—J. M. Kinley, 206 Judah.  
Architect—Not Given. \$3,000
- ALTERATIONS**  
(475) 930 VAN NESS. Alter sales floor.  
Owner—Steinberger Bros., Saxe Bldg.  
Contractor—F. R. Siegrist, 604 Mission.  
Engineer—Norman Green, Sharon Bldg. \$1200
- ALTERATIONS**  
(476) 3146 MISSION. Alter sales room.  
Owner—Stewart Chevrolet Co., Prem.  
Contractor—Barrett & Hill, 918 Harrison.  
Engineer—W H Ellison, Pacific Bldg. \$3500
- DWELLING**  
(477) W. STANYAN, 140 N TURK. One-story and basement frame dwelling.  
Owner—Kenneth Evers, 97 San Pablo Way.  
Architect—C. O. Clausen, 746 46th Ave. \$4000
- ALTERATIONS**  
(478) 1237 POLK ST. Alter restaurant.  
Owner—Vito Scarpulla, care Contractor.  
Contractor—Peter Sartorio, 681 Market St.  
Architect—Sid A. Colton, 544 Market. \$4000
- APARTMENT HOUSE**  
(479) NE COR. BUCHANAN AND WEBSTER. Five-story and basement Class C apartment house.  
Owner—Edward Jose, 251 Kearny St.  
Architect—H. C. Baumann, 251 Kearny St. \$100,000
- ALTERATIONS**  
(480) 2975 LAKE ST. Alter dwelling.

Owner—W. H. Levlson, 2975 Lake St.  
Contractor—A. F. Mattock Co., 212 Clara.  
Architect—Not Given. \$3000

## ALTERATIONS

(481) N. FOLSOM, 25 E RUSS. Alter stores and flats.  
Owner—E. M. Otto, 91 Central Ave.  
Contractor—C. L. Wold Constr. Co., 4412 Fulton.  
Architect—Not Given. \$2000

## DWELLING

(482) NE TERESITA, 310 SE PORTOLA DRIVE. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

## DWELLING

(483) NE TERESITA, 285 SE PORTOLA. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

## DWELLING

(484) N JACKSON 217 E Spruce. Two-story and basement frame dwelling.  
Owner—Jos. Ehrman, care contractor.  
Contractor—Jacks & Irvine, 620 Market Street.  
Architect—Samuel Lightner, Hyman & Appleton, 68 Post St. \$22,500

## ALTERATIONS

(485) 3236 MISSION ST. Alter store.  
Owner—Capital Co., 625 Market St.  
Contractor—Langfelder and Schuster 289 Wawona.  
Engineer—L. Nishkian, Underwood Building. \$3,200

## SIGN

(486) 385 BRYANT ST. Roof sign.  
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.  
Contractor—Foster and Klesler Co., 1675 Eddy Street.  
Architect—Not Given. \$1500

## DWELLING

(487) E 18th AVE. 30 N Wawona. One-story and basement frame dwelling.  
Owner and Builder—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4,000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
247	Tiny's	Towle	2000
248	Kennedy	Waldman	2500
249	Bank	Capitol	7300
250	Holcher	Heroux	4000
251	Frances	Millar	13000
252	Pressler	Owner	5000
253	Southern	Owner	1350
254	Stearman	Owner	3500
255	Bussenlus	Bussenlus	3000
256	Benedict	Owner	1000
257	Pacific	Barrett	50732
258	Pacific	Owner	2500
259	Johanson	Owner	3800
260	Standard	Barrett	1000
261	Jordan	Owner	5800
262	Pond	Steffenson	3000
263	Lutz	Owner	2000
264	Hutchison	Hugo	2750
265	Schantin	Norling	1500
266	Fremery	Barton	19373
267	Nutting	Armstrong	3000
268	Haller	Owner	7500
269	Vukich	Carpenter	2700
270	Murphy	Jensen	3500
271	Van Ness	Van Ness	3000
272	Lyon	Owner	4000
273	Johnson	Owner	5500
274	Warren	Owner	4000
275	Klein	Owner	5000
276	Heltman	Heltman	2300
277	Moltmar	Cisero	6000
278	Jackson	Owner	3450
279	Elliott	Owner	2800
280	Kilmer	Owner	1500
281	Silveria	De Chene	4150

782 Stroud  
783 Confer

Owner 4500  
Owner 5000

## DWELLING

(246) 2130 5TH AVE. OAKLAND.  
One-story 5-room dwelling.  
Owner—J. Kennedy, 5758 Harmon Ave.  
Contractor—A. E. Waldman, 5809 Foothill Blvd.  
Architect—Not Given. \$3500

## ALTERATIONS

(247) 429 19TH ST. OAKLAND. Alterations.  
Owner—Tiny's Cafe, 429 19th St.  
Contractor—W. M. Towle, 364 10th St.  
Architect—Not Given. \$2000

## DWELLING

(248) 2124 5TH AVE. OAKLAND.  
One-story 3-room dwelling.  
Owner—J. Kennedy, 5758 Harmon Ave.  
Contractor—A. E. Waldman, 5409 Foothill Blvd.  
Architect—Not Given. \$2500  
One-story garage, \$200

## ALTERATIONS

(249) 3301 FOOTHILL BLVD. Alterations  
Owner—Bank of America, 625 Market St., San Francisco.  
Contractor—Capital Co., 625 Market St., San Francisco.  
Architect—Not Given. \$7300

## DWELLING

(250) 897 GLENDEOME CIRCLE. OAKLAND. One-story 5-room dwelling  
Owner—E. M. Holchu, 4763 El Centro Ave.  
Contractor—F. A. Heroux, 4763 El Centro Ave.  
Architect—Not Given. \$4000

## APARTMENTS

(251) 372-374-A ORANGE ST. OAKLAND. Two-story 20-room apts.  
Owner—J. Frances, Prem.  
Contractor—Miller White Const. Co., 306 15th St.  
Architect—Not Given. \$13,000

## DWELLING

(252) 3049 E. 25TH ST. OAKLAND.  
One-story 6-room dwelling.  
Owner & Builder—Walter Pressler, 1419 Excelsior Ave.  
Architect—Not Given. \$5000

## ADDITION

(253) 7TH & FALLON STS. OAKLAND. Addition to warehouse.  
Owner and Builder—Southern Pacific Co., Oakland Pier.  
Architect—Not Given. \$1350

## ADDITION

(254) 9829 PEARMAIN ST. OAKLAND. Addition.  
Owner & Builder—Elmer Stearman, 1440 Mitchell St.  
Architect—Not Given. \$1500

## DWELLING

(255) 2562 FRANCES ST. OAKLAND. One-story 5-room dwelling.  
Owner—Minna Bussenlus, 820 Portal Ave.  
Contractor—R. R. Bussenlus, 820 Portal Ave.  
Architect—Not Given. \$3000

## ALTERATIONS

(256) 1427 SPRUCE ST. BERKELEY. Alterations.  
Owner & Builder—Mabel M. Benedict, Prem.  
Architect—Not Given. \$1000

## FOUNDATIONS

(257) NE COR 1ST AND GROVE STS. OAKLAND. Concrete foundations.  
Owner—Pacific Gas & Elec. Co., 17th and Clay Sts.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.  
Architect—Not Given. \$50,732

## STORAGE SHED

(258) 2500 PERALTA ST., OAKLAND. Storage shed.  
Owner and Builder—Pacific Coast Aggregates Co., Prem.  
Architect—Not Given. \$2500

## DWELLING

(259) 2328 WARNER AVE. OAKLAND. One-story 5-room dwelling.  
Owner & Builder—K. A. Johanson, 2057 High St.  
Architect—Not Given. \$3800

## CONCRETE FOUNDATIONS

(260) 821 98TH AVE. OAKLAND. Concrete foundations.  
Owner—Standard Brands, Prem.  
Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.  
Architect—Not Given. \$1900 each

## DWELLING

(261) 145 FOREST LANE, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner & Builder—M. Jordan, 231 Foothill Blvd.  
Architect—Not Given. \$5800

## DWELLING

(262) 2819 69th AVE. OAKLAND. One-story 5-room dwelling.  
Owner—C. F. Pond, 1056 Ardmore Ave., Oakland.  
Contractor—A. Steffenson, 1300 Webster Street, Oakland.  
Architect—Not Given. \$3,000

## ALTERATIONS

(263) 2992 MOUNTAIN BLVD. OAKLAND. Alterations and addition.  
Owner and Contractor—J. A. Lutz, 2992 Mountain Blvd., Oakland.  
Architect—Not Given. \$2,000

## DWELLING

(264) 2949 CARMEL ST. OAKLAND. One-story 5-room dwelling and garage.  
Owner—A. W. Hutchison, 3048 Madeline St., Oakland.  
Contractor—A. Hugo, 935 Santa Clara Ave., Alameda.  
Architect—Not Given. \$2,750  
One-story garage, \$250.

## ADDITION

(265) 2828 55th AVE. OAKLAND. Addition.  
Owner—J. A. Schantin.  
Contractor—R. J. Norling, 1911 Buena Vista Ave., Alameda.  
Architect—Not Given. \$1,500

## DWELLING

(266) 30 YORKSHIRE DR. OAKLAND. Two-story ten-room dwelling.  
Owner—Jas. De Fremery, 7 Estates Blvd., Berkeley.  
Contractor—Harold L. Paige, 5851 Oak Grove Ave., Oakland.  
Architect—F. Eugene Barton, Crocker Bldg., San Francisco. \$19,373

## ALTERATIONS

(267) 213 MOUNTAIN AVE. PIEDMONT. Alterations.  
Owner—Dr. R. J. Nutting, Longridge Road, Piedmont.  
Contractor—J. R. Armstrong, 1131 Fleet Road, Piedmont.  
Architect—Not Given. \$3,000

## DWELLING

(268) 121 HAGA R AVE. PIEDMONT. Two-story 7-room dwelling and garage.  
Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Piedmont.  
Architect—Not Given. \$7,500

## ADDITION

(269) 3610-12 REDWOOD ROAD, OAKLAND. Add to stores.

Owner—Nick Vukovich, Prem.  
Contractor—W. T. Carpenter, 2245  
38th Ave.  
Architect—Not Given. \$2700

DWELLING  
(270) 3896 HANLEY ROAD, OAK-  
LAND. One-story 4-room dwell-  
ing.

Owner—D. F. Murphy, 3900 Mainly  
Rd.  
Contractor—H. K. Jensen, 2759 Raw-  
son St.  
Architect—Not Given. \$3500

DWELLING  
(271) 3916 PATTERSON AVENUE,  
OAKLAND. One-story 5-room  
dwelling.

Owner—L. E. Van Ness, 4920 Park  
Blvd.  
Contractor—L. E. Van Ness & Son,  
4920 Park Blvd.  
Architect—Not Given. \$3000

DWELLING  
(272) 8333 OUTLOOK AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner & Builder—Chas. D. Lyon,  
6501 Buena Ventura Ave  
Architect—Not Given. \$4000

DWELLING  
(273) 2 EL CARNELLO CIRCLE,  
OAKLAND. Two-story 6-room  
dwelling.

Owner & Builder—O. W. Johnson,  
3721 Young Ave.  
Architect—Not Given. \$5500

DWELLING  
(274) 4817 PROCTOR AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner & Builder—Weldon H. War-  
ren, 4817 Proctor Ave.  
Architect—Not Given. \$4000

DWELLING  
(275) 142 SONIA ST., OAKLAND.  
One-story 6-room dwelling.

Owner & Builder—Matthew Klein,  
4071 Oakmore Road.  
Architect—Not Given. \$5000

DWELLING  
(276) 1724 86TH AVE., OAKLAND.  
One-story 5-room dwelling.

Owner—W. W. Heltman, 1741 68th  
Ave.  
Contractor—L. E. Heltman, 1741 68th  
Ave.  
Architect—Not Given. \$2300  
Also 1-story garage, \$75

DWELLING  
(277) 5385-87 BRYANT ST., OAK-  
LAND. One-story 6-room 2-fam-  
ily dwelling.

Owner—Jas. Molinari, 5389 Bryant  
St.  
Contractor—John Cisero, 474 42nd  
St.  
Architect—Not Given. \$6000

DWELLING  
(778) 2923 BARRETT ST., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner & Builder—C. A. Jackson, 2428  
108th Ave.  
Architect—Not Given. \$3450  
Also 1-story garage, \$200.

ALTERATIONS  
(779) 1429-31 66TH AVE., OAK-  
LAND. Alterations to dwelling.

Owner and contractor—Elliot & El-  
lott, 1423 66th Ave  
Architect—Not Given. \$2800  
Also 1-story garage, \$200.

DWELLING  
(780) 1609 SEMINARY AVE., OAK-  
LAND. One-story 4-room dwell-  
ing.

Owner & Builder—L. A. Kilmer, 1100  
3rd Ave.  
Architect—Not Given. \$1500

DWELLING  
(781) 31 WESTWOOD CT., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner—G. J. Silveria, 3561 Grove St.  
Contractor—J. W. Youngman, 491  
Hawthorne Ave.  
Architect—E. K. De Chene, 364 14th  
St. \$1150  
Also 1-story garage, \$150

DWELLING  
(782) 1350 ADA, BERKELEY. 1-  
story 6-room frame dwelling and  
garage.

Owner & Builder—J. A. Stroud, Jr.,  
370 17th St., Oakland.  
Architect—C. H. Treichel, 696 Cleve-  
land, Oakland. \$4500

DWELLING  
(783) 2506 SHASTA, BERKELEY.  
Two-story 6-room frame dwell-  
ing.

Owner & Builder—F. W. Confer, 1328  
Arch.

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
24	Hobart	Dinwiddie	28,224
25	Hobart	Zelinsky	16,89
26	Diment	Robinson	11,222
27	Bothin	Mattock	33,447
28	Wunner	Mills	11,289
29	Scapulla	Sartorio	6,945
30	Gaviglio	Murer	8,500

ALTERATIONS  
(24) 582 MARKET ST. Alter ele-  
vator fronts in office building.  
Owner—Hobart Estate Co.  
Architect—Billis & Fairweather, Bal-  
boa Bldg.

Contractor—Dinwiddie Const. Co.,  
Crocker Bldg.  
Filed Feb. 20, '37. Dated Feb. 16, '37.  
75% 1st of month.  
25% usual 35 days.  
TOTAL COST, \$28,224

Bond, \$28,224. Sureties, Wm. W.  
Crocker and D. J. Murphy. Plans  
and specifications filed.

PAINTING  
(25) 582 MARKET ST. Paint office  
building.

Owner—Hobart Estate Co.  
Architect—Billis & Fairweather, Bal-  
boa Bldg.  
Contractor—D. Zelinsky & Sons, Inc.,  
165 Grove St.  
Filed Feb. 20, '37. Dated Feb. 16, '37.  
75% 1st of month.  
25% usual 35 days.  
TOTAL COST, \$16,750

Bond, \$16,750. Sureties, Mervyn G.  
and Frederick G. Zelinsky. Limit,  
Until Aug. 15. Plans and specifica-  
tions filed.

DWELLING  
(26) SE COR SANTA PAULA &  
SANTA MONICA WAYS. Two-  
story and garage frame dwelling.

Owner—Dr. J. Kester Diment, 1825  
16th Ave.  
Architect—John Davis Young, 2002  
California

Contractor—Robinson & Johnson, 180  
Oak St.  
Filed Feb. 26, '37. Dated Feb. 20, '37.  
Sub-floor complete ..... \$224 40  
Roof on ..... 224 40  
Plaster on ..... 224 40  
Completion ..... 224 40  
Usual 35 days ..... 224 40  
TOTAL COST, \$11,222

Limit, 120 days. Plans and speci-  
fications filed.

SHOP BUILDING  
(27) SAN BRUNO AVE., BET.  
BAYSHORE AND ARMY STS.  
One-story and mezzanine con-  
crete shop building.

Owner—Ellen C. Bothin, 604 Mission.  
Architect—Angus McSweeney, 604  
Mission St.

Contractor—A. F. Mattock Co., 212  
Clara St.  
Filed Feb. 26, '37. Dated Feb. 10, '37.  
75% on 15th of month.  
25% usual 35 days.

TOTAL COST, \$33,447  
Limit, June 10, 1937. Plans and speci-  
fications filed.

STORE BLDG.  
(28) SW COR. CHESTNUT AND  
Scott Sts. One-story and base-  
ment frame store.

Owner—Carl Wunner.  
Architect—George H. Weimyer, 605  
Market Street.  
Contractor—Mills Const. Co., Russ  
Building.  
Filed and Dated, March 1, 1937.

Frame up ..... 25%  
Rough plaster ..... 25%  
Completion ..... 25%  
Usual 35 days ..... 25%  
TOTAL COST, \$11,289.00  
Bond, \$11,289. Sureties, U.S. Fidelity  
and Guaranty Co. Limit, 50 days.  
Plans and specifications filed.

ALTERATIONS  
(29) 1237 POLK ST. Alter store.  
Owner—Vita Scarpulla, care contrac-  
tor.

Architect—S. A. Colton, 544 Market.  
Contractor—Peter Sartorio, 651 Mar-  
ket Street.

Filed, Mar. 1, '37. Dated, Feb. 27, '37.  
Rough framed ..... 25%  
Brown coated ..... 25%  
Completion ..... 25%  
Usual 35 days ..... 25%  
TOTAL COST, \$6,945

Bond, \$6,945. Sureties, Inland Bond-  
ing Co. Limit, May 15. Plans and  
specifications filed.

ALTERATIONS  
(30) 63-71 YORK ST. Alter 2-story  
frame flats.

Owner—G. Gaviglio and D. Nieri.  
Contractor—L. Murer, 1274 Quesada  
Ave., San Francisco.

Filed Mar. 2, '37. Dated Feb. 27, '37.  
Bldg. on new foundations ..... \$1650  
Brown mortar ready ..... 1650  
Brown mortar finished ..... 1650  
Completion ..... 1650  
Usual 35 days ..... 2200  
TOTAL COST, \$8,500

Bond, \$8,500. Sureties, L. Melani and  
A. Ramazzotti. Limit, 90 days. Plans  
and specifications filed.

**SAN FRANCISCO CO. PERMITS  
UNDER \$1,000**

REPAIR fire damage, \$500; 497  
Front St.; owner, I. Gallance,  
care Contractor; contractor, Em-  
pire Constr. Co., Ltd., Russ Bldg.

ALTER dwelling, \$500; 586 25th Ave.;  
owner, D. Hanley, Prem.; contrac-  
tor, Norman Nelson, 234 Nap-  
les

SIGN, roof \$400; 461-99 2nd St.;  
owner, Schmit Lithograph Co.,  
2nd and Bryant Sts.; contractor,  
Foster and Kleiser Co., 1675 Ed-  
dy St.

ALTER apartments, \$420; 1630 Wash-  
ington; owner, Lew Pat Cheng,  
Prem.; contractor, L. Ed. Sommer-  
strom, 277 Pine St.

ALTER store, \$450; 3200 Geary St.;  
owner, R. Meader, Prem.; con-  
tractor J. B. Bourdieu, 2625 20th  
Street.

ALTER warehouse, \$150; 314 7th St.;  
owner, L. Abrams, 333 Funston  
Ave.

ALTER dwelling, \$500; 194 San Jose  
Ave.; owner, E. Scherding, Prem.;  
contractor, John Carlson, 2230  
Bryant St.

FLUES, \$50; 127-129 Scott St.; own-  
er, Mrs. Delfino, Prem.; contrac-  
tor, W. P. Gross Sheet Metal Wks.,  
4610 Geary Blvd.  
ALTER dwelling, \$310; 3672 20th St.;  
owner, E. M. Mulren, Prem.;  
contractor, C. Wenzard, 546 San-  
some St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings
4.—Factories and Warehouses	14.—Fire Houses and Jails
5.—Flats	15.—Residences
6.—Garages and Service Stations	16.—Banks, Stores and Lods
7.—Federal Buildings	17.—Theatres
8.—Club Buildings	18.—Wharves & Docks
9.—Hospitals	19.—Misc. Const.
10.—Hotels	20.—Misc. Supplies &

## 1—APARTMENTS

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$14,000  
**BURLINGAME**, San Mateo Co., Cal.  
 Lot 29, Blk. 17, Capuchino.  
 Apartment building.  
 Owner—M. Tosch, 234 Seville Street, San Mateo.  
 Architect—Not Given.  
 Contractor—Hammer & Tosch, 1090 Burlingame Square, Burlingame.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$13,000  
**OAKLAND**, Alameda Co., Calif. 372-A and 374-A Orange Street.  
 Two-story frame and stucco apartment building (20 rooms).  
 Owner—J. Frances, care contractor.  
 Architect—Not Given.  
 Contractor—Miller White Const. Co., 306 15th St., Oakland.

**Preparing Working Drawings**  
**APARTMENTS** Cost, \$60,000  
**SAN FRANCISCO**, Marina District.  
 Three-story frame and stucco apartment building (54 rooms in 2-3- and 4-room apts.) the water-closeting in kitchens and baths, hardwood floors, compitson roof automatic refrigeration, a team heat concealed radiation, etc.  
 Owner—Withheld.  
 Architect—R. R. Irvine, 2948 Market Street.  
 Owner will take figures in about two weeks.

**Contract Awarded**  
**APARTMENTS** Cost, \$16,000  
**SAN JOSE**, Santa Clara Co., Calif. Vermont St.  
 New apartment building (4 apartments).  
 Owner—Charles Erb, 258 Vine St.  
 Architect—Not Given.  
 Contractor—F. C. Nelson, Montgomery Hotel.

**Being Done By Day's Work**  
**APARTMENTS** Cost, \$100,000  
**SAN FRANCISCO**, NE Cor. Buchanan and Webster Sts.  
 Five-story and basement, Class C apartment building.  
 Owner & Builder—Edward Jose, 251 Kearny St.  
 Architect—H. C. Baumann, 251 Kearny St.

**Contract Awarded**  
**APARTMENTS** Cost, \$20,000  
**SAN MATEO**, San Mateo Co., Calif. Lot 13 Blk C, Arroyo Court.  
 New apartment building.  
 Owner—Robert J. Daley, San Mateo.  
 Architect—Not Given.  
 Contractor—Daley Bros., 789 El Cammino Real, Burlingame.

## 3—CHURCHES

**Plans Completed**  
**CHURCH** Cost, \$.....  
**PATERSON**, Stanislaus Co., Calif.  
 One-story and basement frame and stucco church (chapel, Sunday school rooms, kitchen, etc.) maple floors, oil burning heating plant, etc.  
 Owner—United Church.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Bids will be asked shortly.

**BID OPENING DATE POSTPONED**  
**UNTIL MARCH 8**  
**BEVERLY HILLS**, Los Angeles Co., Calif.—Until March 8 (postponed from March 1), bids will be received by Architect P. P. Lewis, 1063 Westwood Blvd., for construction of a reinf. concrete church building at 142 S. Rexford Drive, Beverly Hills, for the First Church of Christ, Scientist, of Beverly Hills. Work includes leaded and art glass and an organ.

**Sub Contracts Awarded**  
**CHURCH** Cost, \$5,000  
**FRESNO**, Fresno County, Calif. 359 Howard St.  
 New frame and stucco auditorium building (seating capacity of 425), remodeling of old structure (new air heating and conditioning system, etc.).  
 Owner—Church of God (Rev. C. H. Beahm, pastor).  
 Architect—Not Given.  
 Electric Wiring—Frank Smith, 2516 Washington St.  
 Heating—A. W. Gearhart, 604 Peralta St.  
 Lumber & Mill Work—Pierce Lumber Co., 403 North H St.  
 All of Fresno.

**PLANS COMPLETED**  
**SAN BERNARDINO**, Calif.—First Christian Church (Rev. A. W. Wright, pastor), 498 Seventh St., San Bernardino, will start work at once on the erection of a new edifice on the northeast corner of Tenth St. and Arrowhead Ave., San Bernardino. It will contain an auditorium to seat 500 persons, Sunday school rooms, social hall and kitchen; frame and stucco construction, composition shingle roof, acoustical treatment, air conditioning system, electric pipe organ, etc. Estimated cost, \$25,000. Plans prepared by Fred Jackson, chairman of building committee.

## 4—FACTORIES & WAREHOUSES

**Contract Awarded**  
**CHEMICAL PLANT** Cost, \$1,000,000  
**NEWARK**, Alameda Co., Calif.  
 Chemical plant consisting of seven steel frame galvanized iron buildings and some outside tankage.  
 Owner—West-Baco Chlorine Products Company of New York.  
 Plans by Engineering Department of Contractor (E. P. Wilson, Chief Engineer).  
 Contractor—Ferguson Constr. Co., of Cleveland (Mr. Deatherage, Superintendent of Construction).  
 Additional information in about three weeks.

**Sub Contracts Awarded**  
**FACTORY** Cost, \$40,000  
**SAN FRANCISCO**, W. Third Street, S 20th St.  
 One-story Class C factory building.

Owner—Middleton & Watson, 63 Natoma Street (Goodyear Rubber Company).  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—F. W. Kellberg, 320 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Plumbing & Heating**—Scott Co., Inc., 243 Minna St.  
**Steel Windows**—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts.  
 Sub contracts awarded to date published Feb. 15.

**Sub-Contracts Awarded**  
**BUILDING** Cost, \$125,000  
**SAN FRANCISCO**, Tenth and Bryant Street.  
 Two-story and basement reinforced conc. bottling and canning plant.  
 Owner—San Francisco Brewing Co., Tenth and Bryant Streets.  
 Engineer—W. E. Murray, 808 Hayes.  
 Contractor—Cahill Bros., 206 Sansome Street.  
**Elevators**—Atlas Elevator Co., 34 Harriet Street.  
**Steel Column Forms**—Steelform Contracting Co., 688 Harrison St.  
 Complete sub-contracts awarded to date published Jan. 14 and Feb. 25.

**Contract Awarded**  
**FACTORY** Cost, \$15,000  
**SAN FRANCISCO**, Calif. SW Cor. Brannan and Butte Place.  
 Two-story Class C factory building.  
 Owner—J. Meyers & Co., 25 Crook St.  
 Architect—Dodge A. Riedy, 821 Market St.  
 Engineer—W. H. Ellison, Pacific Bldg.  
 Contractor—Barrett & Hllp, 918 Harrison St.

**Sub Contracts Awarded**  
**WAREHOUSE** Cost, \$75,000  
**OAKLAND**, Alameda Co., Calif. 4th and Jackson Streets.  
 One-story wood frame Class C wholesale warehouse and offices, sprinkler system, warm air heating system, plastering and electrical work, some asphaltic tile.  
 Owner—S. & W. Fine Foods, Inc., 4th and Berry Sts., San Francisco.  
 Engineer—Jesse Rosenwald, 525 Market St., San Francisco.  
 Contractor—J. F. Tulloch, 335 8th St., Oakland.  
**Reinf. Steel**—McGrath Steel Company, 354 Hobart St., Oakland.  
**Mill Work**—Oakland Planning Mill, 1st and Washington Sts., Oakland.  
**Concrete**—Transit Concrete Ltd., 2500 Peralta St., Oakland.

**Sheet Metal Roofing & Heating**—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.  
**Lumber**—Tilden Lumber Co., foot of University, Berkeley.  
**Plumbing**—Max Finzel Plumbing Co., 2925 Hopkins St., Oakland.  
**Electric Wiring**—Matson Electrical Equipment Co., 4115 Broadway, Oakland.  
**Steel Sash**—Detroit Steel Products Co., 63rd and Doyle Sts., Oakland.  
**Painting**—Turgeon Painting Co., 354 Hobart St., Oakland.  
**Glass**—East Bay Glass Co., 621 6th St., Oakland.

**Contract Awarded**  
**FACTORY** Cost, \$.....  
**SAN FRANCISCO**, Calif. SE Bayshore and San Bruno St.  
 One-story Class C addition to existing factory building, concrete foundations, brick walls, steel



ash, steel frame, composition roof, etc.  
Owner—Schlage Lock Co., 20 Blanken St.  
Engineer—W. Adrian, 417 Market St.  
Contractor—Cahill Bros., 206 Sansome St.

#### To Be Done By Day's Work—Plans Being Completed

**ADDITION** Cost, \$6,000  
LODI, San Joaquin Co., Calif.  
Reinforced concrete addition to winery (38x112) concrete floors, reinforced concrete walls, wooden roof with composition roofing; 1-inch firetex or celotex insulation, etc.  
Owner—Eastside Winery, Lodi.  
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

#### To Be Done By Day's Work

**ALTERED WAREHOUSE** Cost, \$15,000  
STOCKTON, San Joaquin Co., Calif.  
1100 W. Weber Ave.  
Alterations to warehouse.  
Owner—Southern Pacific Co., Sacramento and Miner Sts., Stockton.  
Plans by Engineering Department of Owner.

#### Bids In—Held Under Advertisment

**PACKING PLANT** Cost, \$.....  
RIO VISTA, Solano Co., Calif.  
New frame and concrete packing plant.  
Owner—Calif. Packing Corp., 101 California St., San Francisco.  
Plans by Engineering Department of Owner (Phillip Bush, Eng.)  
Announcement today.

#### Contract Awarded

**WAREHOUSE** Cost, \$.....  
EMERYVILLE, Alameda Co., Calif.  
1450 Sherwin Ave.  
New three-story warehouse of reinforced concrete and brick facing (134 x 63 ft.).  
Owner—Sherwin-Williams Co. of California, 610 Folsom St., San Francisco.  
Plans by Engineering Department of Owner.

Contractor—The Austin Co., 516 18th St., Oakland.  
Construction will start in about one week.

#### To Be Done By Day's Work

**ADDITIONS** Cost, \$160,000  
SACRAMENTO, Sacramento Co., Calif.  
7th and North B Streets.

Two additions to present cannery (one cannery bldg. 240x320 ft., and one warehouse 240x290 ft.), brick and tile construction, one story, concrete floors, built-up roof, etc.  
Owner—Bercut Richards Cannery Co.  
Plans prepared by engineering department of owner.

#### Preparing Working Drawings

**WAREHOUSE** Cost, \$.....  
EMERYVILLE, Alameda Co., Calif.  
Powell St. and Bay Shore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 ft.).  
Owner—J. Catucci.

Lessee—Bigelow-Sanford Carpet Co. of New York.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Bids will be asked of a selected list of contractors in about two weeks.

#### Planned

**WAREHOUSE** Cost, \$38,000  
OAKLAND, Alameda Co., Cal. Foot of East Seventh Street.

Two-story warehouse building.  
Owner—Taylor Milling Corp., 2201 E 7th St., Oakland.

Architect—Not Given.

The Oakland Port Commission has granted the owners permission to construct the building.

## 5—FLATS

### Preparing Working Drawings

**FLATS** Cost, \$.....  
SAN FRANCISCO, Calif. Sunset District.

Two two-story flat buildings, consisting of four four-room flats; colored tile baths, composition shingle roofs, gas heating systems, canvas walls and ceilings, hardwood floors, etc.  
Owner—Name Withheld.  
Architect—Sidney A. Colton, 544 Market St.

### Contract Awarded

**ALTER FLATS** Cost, \$8,800  
SAN FRANCISCO. 1263-71 York St.  
Alterations to two-story frame flat building.

Owner—G. Gaviglio and D. Nierl.  
Architect—Not Given.

Contractor—L. Murer, 1274 Quesada Ave., San Francisco.

### Contract Awarded

**FLATS** Cost, \$6,500  
SAN FRANCISCO, Calif. E. Corbett Ave., N Morgan Alley.

Two-story and basement frame and stucco flat building.

Owner—W. Droste, 1711 Washington Street.

Architect—Not Given.  
Contractor—Adolf Strate, 190 Moneta Way.

## 6—GARAGES & SERVICE STATIONS

### Bids Opened

**GARAGE** Cost, \$10,000  
FRESNO, Fresno Co., Calif. Corporation Yard, El Dorado and G Streets.

One-story reinforced concrete municipal garage (steel trusses, steel sash, composition roof).

Owner—City of Fresno.  
Plans prepared by the Fresno Department of Public Works.

Low Bidder—Louis Hansen & Son, 934 Safford Ave., Fresno.

Complete bids follow:

Louis Hansen & Son, Fresno. \$10,538  
T. C. Irwin, Fresno. 10,565  
Harris Constr. Co., Fresno. 10,995  
Erickson & House, Fresno. 11,545  
Midstate Constr. Co., Fresno. 13,705

Bids held under advisement.

### Contract Awarded

**SERVICE STATION** Cost, \$.....  
OAKLAND, Alameda Co., Calif. San Pablo and Marin Streets.

Rebuild steel service station.  
Owner—Shell Oil Co., 315 Derby Ave., Oakland.

Plans by Engineering Department of Owner.

Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

## 7—FEDERAL BUILDINGS

### Contract Awarded

**SACRAMENTO COUNTY**, Cal. Sacramento Army Airport.

Two-story reinforced concrete and steel headquarters building. Spec. No. 313-E (140x145 feet) marble rotunda with terrazzo floors, built-up roofing, asphalt and tile floors, estimated cost, \$92,000; and 2-story reinforced concrete and steel fire and guardhouse building. Spec. No. 312-E (main portion, 60x49, with annex 24 ft. in x 25 ft.), built-up roof of five-ply asphalt, asphalt, quarry and ceramic tile floors, flat roof, plaster walls and ceilings, estimated cost, \$43,000.

Owner—U. S. Govt. (Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Contractor—Azevedo Const. Co., 920 "O" St., Sacramento, \$116,335.

Contract awarded on a basic bid of \$116,335 with the acceptance of the following alternates: (4) deduct \$28 for asphalt built-up roofs instead of tar; (5) deduct \$500 for the omission of wrought iron gates on the fire and guard house; (6) deduct \$350 for omission of the second story porch roof and columns on the fire and guard house; (7) deduct \$5,700 for substitution of gypsum plaster plasters, walls, etc., instead of marble plasters, wainscots, trim, etc., above the marble base, including aluminum leaf ornament and bands on marble plasters.

Plans prepared by the office of Quartermaster General, Construction Division, Washington, D. C.

### BIDS OPENED

**SAN FRANCISCO**—Lerer Bros., 375 11th St., San Francisco, at \$59,441 per month, discount 2% 20 days, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3462, for rental of one 4-ton pick-up truck, for use on WPA projects, Job 43rd Ave. and Lincoln Way, San Francisco.

The other bids were:

Hayward Bldg. Materials Co., Hayward; \$60; net

Evans Auto & Truck Rental, San Francisco; \$63.50; net.

Portola Trucking Service, S. F.; \$74.40; net.  
Frank J. Reilly, San Francisco; \$110; net.

### BID CALL CANCELLED

**SAN FRANCISCO**—The U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, has cancelled a call for bids to have been opened March 3, 3 P. M., under Bid No. 808-179, for membrane waterproofing of the sides and top of the concrete radio station at Fort Funston.

### BIDS WANTED

**KETCHIKAN**, Alaska—Until Mar. 17, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior lighting fixtures, in the U. S. Post Office, Courthouse, Custom House and Jail, at Ketchikan.

### BIDS WANTED

**REDONDO BEACH**, Los Angeles Co., Calif.—Until March 26, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Redondo Beach.

### BIDS OPENED

**SEATTLE**, Wash.—A. F. Mowat Construction Co., Seattle, Wash., at \$77,760, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of the U. S. Post Office, University Station, at Seattle.

Complete bids follow:

A. F. Mowat Cons. Co. \$77,760  
Western Constr. Co., Seattle, Wash. 80,162

MacDonald Constr. Co. St. Louis, Mo. 81,917

Wm Peterson, Seattle, Wash. 82,626

Henrikson-Alstrom Constr. Co., Seattle, Wash. 82,821

C. L. Ewy, Seattle, Wash. 84,359

Nels Hedin, Seattle, Wash. 84,937

Sound Constr. & Engrg. Co., Seattle, Wash. 87,613

M. L. Erickson's bid submitted too late to be included.

### BIDS WANTED

**MARE ISLAND**, Calif.—Until Mar. 17, 11 a. m., bids will be received at the Office of the Public Works Officer, U. S. Navy Yard, Mare Island,

for remodeling electric elevator in west end of Building 271, Spec. No. 8424. Work consists of providing and installing a new car gate and electric interlocks on car gate and existing hatchway gates and the conversion from car switch to double push button control of one electric freight elevator. Specifications may be obtained from the Commandant, U. S. Navy Yard, Mare Island, Calif., upon deposit of a check or postal money order for \$5.00, payable to Norman M. Smith, Chief of Bureau of Yards & Docks, Navy Department, Washington, D. C.

**Bids Opened**  
OPERATIONS BLDG. Cost, \$.....  
HICKAM FIELD, T. H.  
Wing Operations Building, including utilities.

Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field.)

Plans prepared by the office of Quartermaster General, Construction Division, Washington, D. C.

Robert E. McKee, 108 W. Sixth St., Los Angeles, at \$124,200 for the work complete, submitted the only bid received by the office of the Constructing Quartermaster, Fort Mason. Bids were also opened, however, by the Constructing Quartermaster at Hickam Field, and will be available shortly. The complete bid of R. E. McKee follows: (1) \$124,200; (2) deduct \$28,000; (3) deduct \$300; (4) deduct \$800; (5) no bid; (6) no bid; (7) deduct \$200.

Bids were taken as follows:

- (I) Work complete, Wing Operations Building, together with all the utilities thereto;
- (II) Deduct if the Airframe Control Penthouse is omitted;
- (III) Add or deduct if all aluminum finish is omitted and copper and bronze finish is substituted;
- (IV) Add or deduct if chemically stained cement finish is used in lieu of terrazzo;
- (V) Add or deduct, if asphalt tile is used in lieu of linoleum wherever the latter is indicated;
- (VI) Add if all double strength "A" quality glass is omitted throughout the building and in lieu thereof there is installed polished actinic (tinted) glass of the same thickness and as approved by the C.Q.M.;
- (VII) Deduct if the hot water system is installed and all hot and cold water and electric connections are provided for the hot water heater, but the hot water heater is omitted;
- (VIII) Unit Prices:
  - (1) Excavation (strip 1-inch deep per c.y.);
  - (2) Excavation (unclass., general) per c.y.;
  - (3) Fill (from borrow) per c.y.;
  - (4) Concrete, Type A per c.y.;
  - (5) Concrete, Type B, per c.y.;
  - (6) Concrete, Type C, per c.y.;
  - (7) Reinforcing steel, per ton;
  - (8) Structural steel, per ton;
  - (9) Building tile, clay, 1b. 4-inch, per sq. ft.;
  - (10) Building tile, clay, 1b. 6-inch, per sq. ft.;
  - (11) Building tile, clay, 1b. 8-inch, per sq. ft.;
  - (12) Building tile, concrete, 1b. 4-inch, per sq. ft.;
  - (13) Building tile, concrete, 1b. 6-inch, per sq. ft.;
  - (14) Building tile, concrete, 1b. 8-inch, per sq. ft.;
  - (15) Tile, clay, furring, per sq. ft.;
  - (16) Tile, cement, furring, per sq. ft.;
  - (17) Gypsum blocks, 6-in., per sq. ft.;
  - (18) Gypsum blocks, 8-in., per sq. ft.;
  - (19) Gypsum blocks, 8-in., per sq. ft.;
  - (20) Brick, clay, common, per M.;
  - (21) Brick, cement, common, per M.;
  - (22) Brick, glass, per M.;

- (23) Dampproofing, per sq. ft.;
- (24) Clocks, secondary (electric, wall type) each.

NOTE: Unit prices of concrete shall include forms.

**LOW BIDDER**  
SPRINGVILLE, Ariz.—Robt. E. McKee, P. O. Box 5219, Metropolitan Station, Los Angeles, at \$77,489, submitted low bid to the Procurement Division, Public Wks Branch Washington, D. C., for the construction of the U. S. Forestry, P. O., etc., building at Springville, Ariz.

L. F. Dow Co., Los Angeles, bid late.

At previous bid opening all bids were rejected as being in excess of the amount available. At that time MacDonald Const. Co., St. Louis, at \$79,738, submitted low bid.

**LOW BIDDER**  
REDDING, Shasta Co., Calif.—Lindo Nursery, Chico, at \$2,879, submitted low bid to the Procurement Division, for seeding and planting the grounds of the U. S. Post Office at Redding.

**BIDS OPENED**  
SPRINGVILLE, Ariz.—Robt. E. McKee, P. O. Box 5219, Metropolitan Station, Los Angeles, at \$77,489, submitted low bid to the Procurement Division, Public Works Branch, Washington, D. C., for the construction of the U. S. Forestry, P. O., etc., building at Springville, Ariz.

Complete bids follow:

Robert E. McKee, El Paso, Texas.....	\$77,489
R. H. Ball Constr. Co., Fort Worth, Texas.....	79,369
A. Farnell Blair, Lake Charles, La.....	80,817
George Goodhart, Chicago, Ill.....	84,700
E. E. J. Foltzer, Philadelphia, Pa.....	87,637
M. M. Sundt Constr. Co., Tucson, Ariz.....	87,942
Olds Bros. Lumber Co., Inc., Winslow, Ariz.....	88,679
MacDonald Const. Co., St. Louis, Mo.....	89,736
L. F. Dow, Los Angeles, Calif., bid late.	

**LOW BIDDER**  
LOVELOCK, Nev.—Lundberg Richter Company, at \$59,900, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Agriculture Bldg. and Post Office at Lovelock.

**BIDS WANTED**  
ELY, Nev.—Until April 6, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for construction of the U. S. Post Office at Ely. Plans and specifications may be obtained from the above office.

**NEW BIDS WANTED**  
BLKO, Nev.—Until March 18, 10 a. m., new bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for excavating, filling and grading the grounds of the U. S. Post Office at Elko.

Plans and specifications obtainable from the above office and from the Canadian of the Building at Elko. At previous bid opening, Dec. 11, all bids were rejected.

**Bid Opening Date Postponed Until March 12.**

**POST OFFICE** Cost, \$.....  
NACORTES, Washington.  
United States Post Office Building. Owner—United States Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required for one set of plans.

Bid opening postponed from March 5.

At previous bid opening, Nov. 17, all bids were rejected as being in excess of amount available. Howard S. Wright and Co., Inc., 2210 Second Ave., Seattle, at \$79,986, submitted low bid.

**BIDS WANTED**  
ROSEBURG, Ore.—Until April 13, 1:30 p. m., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing and finishing complete O. T. Shops Building No. 17, at Veterans' Administration Facility, Roseburg, Ore.

Work will include excavating, reinforced concrete, hollow bidding tile, brickwork, cut stone, cast stone, tile, brickwork, metal work, steel window equipment, tile roofing, metal ventilators, metal lathing, plastering, carpentry, floor and wall tile metal weatherstrips, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, etc.

Plans and specifications may be obtained from Construction Service, Room 764, Arlington Bldg., Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**BIDS OPENED**  
LOS ANGELES, Calif.—Sarver & Zoss, 1015 West 4th St., Los Angeles, at \$421,225, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., under Spec. No. 133, for general construction of additional buildings and utilities at the Veterans' Administration Facility, Los Angeles.

Complete bids follow:	
<b>General Construction</b>	
Sarver & Zoss, L. A.....	\$421,225
Robert E. McKee, L. A.....	424,300
H. M. Baruch, L. A.....	443,592
Clinton Const. Co., L. A.....	456,000
L. A. Contracting Co. and C. G. & E. F. Wopschall, Los Angeles.....	468,000

<b>Plumbing, Heating &amp; Electric Work</b>	
H. H. Walker, 1323 Venice Blvd., L. A.....	\$1,000
Howe Bros., L. A.....	84,143
O. E. Ross, Long Beach.....	87,000
Robert W. McKee, L. A.....	91,000
Wm. D. Kramer, Maywood.....	92,500

<b>Electric Elevators</b>	
Otis Elevator Co., Washington, D. C.....	27,711
Shepard Elevator Co., Cincinnati, Ohio.....	28,400
Kimball Bros. Co., Council Bluffs, Iowa.....	28,500
Beckwith Elev. Co., L. A.....	33,982

Complete alternate bids on general construction, plumbing, heating, electric work and elevators now on file in the office of the Daily Pacific Builder, 465 Tenth St., San Francisco.

**CONTRACT AWARDED**  
LODI, San Joaquin Co., Calif.—Lodi Plumbing & Heating Co., 119 N. Sacramento St., Lodi, at \$879, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. Post Office at Lodi.

**BIDS WANTED**  
HONOLULU, T. H.—Until April 2, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for extension to mailing platform, etc., of the U. S. Post Office, Court House and Custom House at Honolulu.

Specifications may be obtained from the above office and from the Custodian of the Building at Honolulu.

**Bid Opening Date Postponed Until March 23, 1 P. M.**  
**P.O. & COUTHOUSE** Cost, \$425,000  
 NOME, Alaska.

United States post office and court house building (148x88-ft.) two-story and basement reinforced concrete construction.

Owner—United States Government.  
 Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Bid opening date postponed from March 2.

Addendum No. 3 to the advertised specifications for construction of the above project is now on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

**8— CLUB BUILDINGS**

**Bids Rejected**  
**ALTER CHURCH** Cost, \$15,000  
 RICHMOND, Contra Costa Co., Calif.  
 Alterations and additions to church building (add Sunday school, etc.).

Owner—First Presbyterian Church, Richmond.

Architect—Chas. F. Maury, Monadnock Bldg., San Francisco.

All bids were rejected Feb. 19 because they exceeded estimated cost. Plans will be revised and new bids asked shortly.

**Contract Awarded**  
**CLUB** Cont. Pr., \$21,720  
 LOS BANOS, Merced Co., Cal. W. E. Burch Subdivision.

Two-story and basement concrete, frame and stucco club building (rooms in basement), stage, dressing rooms, club rooms, lavatories on main floor, composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.

Owner—Portuguese DES Assn., 422 J St., Los Banos.

Architect—Jos. Lacrosmo, 1218 West Harding St., Stockton.  
 Contractor—Frank Pereira, 515 M St., Los Banos.

**Planned**  
**CLUB BLDG.** Cost, \$.....  
 SAN FRANCISCO. Site not selected. New club building.

Owner—University of California Club (Lemuel Sanderson, Secretary-treasurer).

Architect—Not Given.  
 Further announcement will be made in about two weeks.

**9— HOSPITALS**

**Sub Contracts Awarded**  
**HOSPITAL ADDITION**

Cont. Pr., \$109,990  
 SACRAMENTO, Sacramento Co., Cal. 52nd and F Streets.

Two-story fireproof maternity hospital addn. (48 beds), steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Electric—George C. Foss, 1720 Eighth St., Sacramento.

Plumbing—Hateley & Hateley, 1714 14th St., Sacramento.

Steel Sash & Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.

Millwork—Moore & Garlick, 1716 Alhambra Blvd., Sacramento.

Glass & Glazing—T. E. Cain, Inc., 241 J St., Sacramento.

Insulation—Sacramento Roofing & Insulating Co., 12th and North B Sts., Sacramento.

Roofing—Capital City Roofing Co., 2011 Q St., Sacramento.

Tile & Marble—Fischer Tile & Marble Co., 1219 J St., Sacramento.

**Contracts Awarded**  
**HOSPITAL BLDGS.** Cost, \$.....  
 STOCKTON, San Joaquin Co., Calif. Stockton Hospital Farm.

Group of seven buildings or units interconnected by a covered cloister (male patients), reinforced concrete construction, steel sash, tile roofs.

Owner—State of California, Department of Institutions.

Architect—Geo. B. McDougall State Architect, Public Works Bldg., Sacramento.

GENERAL—Campbell Construction Co., 800 R St., Sacramento; \$331,762.

PLUMBING—M. R. Carpenter, 907 Front St., Sacramento; \$30,959.

HEATING & VENTILATING—M. R. Carpenter, 907 Front St., Sacramento; \$33,551.

ELECTRIC—Spencer Electric Co., 570 Natoma St., San Francisco; \$12,808.

**11—ICE AND COLD STORAGE PLANTS**

**Contract Awarded**  
**ICE PLANT** Cost, \$50,000  
 YUBA CITY, Yuba Co., Calif. E. S. T.

Two-story stucco cold storage and pre-cooling plant.

Owner—National Ice & Cold Storage Co. (Walt Hodge, Manager).

Architect—Not Given.  
 Contractor—W. W. Williamson, 520 Market St., San Francisco.

**12 POWER PLANTS**

**PLANNED**  
**PHOENIX, Ariz.**—Expenditure of \$85,000 for new construction and betterments has been announced by the Central Arizona Light & Power Co., Edward H. Coe, president.

The principal item of the program is the construction of an addition to the steam-electric plant north of Buckeye Road, 4 miles west of Phoenix, at an estimated cost of \$350,000. A new distribution station will also be constructed in the northwest district of Phoenix; cost, \$34,000.

Transmission line work will include changing lines to the Avondale and Buckeye districts from 41,000 to 65,000-volt capacity and installing a new 3000-kilowatt substation at Perryville, halfway between Avondale and Buckeye, \$70,000.

Extensions and improvements to the electrical distributing system lines will cost \$100,000.

Rebuilding and improvement of the Sycamore line to Prescott for improved connections to the Arizona Power Co. system, \$10,000.

Additional equipment includes electrical service lines from existing distribution lines to new houses, \$10,000, and new meters and transformers, \$15,000.

**13— PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**Contracts Awarded**  
**ALTERATIONS** Cost, \$50,000  
 FRESNO, Fresno Co., Calif.

Remodeling and rehabilitation of 3-story reinforced brick and concrete courthouse (hollow tile partitions, composition roofing, metal lath and acoustical plaster,

interior tile, painting, plumbing metal stall partitions, fire escapes, radiators, linoleum floor covering).

Owner—County of Fresno (E. Dusenberry, county clerk).

Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen), H. Rafael Lake, Supervising Architect.

General Work—T. C. Irwin, 908 Milredra, Fresno, \$38,290.

Electrical—Wessell Electric Co., Rt. 2, Box 173, Fresno, \$4,352.

**Completing Working Drawings**  
**PALACES & COLONNADES** \$.....  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Palaces and colonnades in the Central Court (frame construction on piles).

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Bids will be asked early in April.

**BIDS OPENED**  
**SAN FRANCISCO**—J. H. Mohr, Inc., 960 Seventh St., at \$527, submitted low bid to the Public Utilities Commission, for interior painting of San Francisco Water Department Building at 425 Mason St.

Complete bids follow:

J. H. Mohr, Inc.	527
D. E. Burgess	575
G. H. Batchelor & Son	585
Herbert E. Brace	610
Maudrell & Bowen	640
A. E. Gordon Painting Co.	670
A. Quandt & Sons	687
A. A. Zelinsky & Sons, Inc.	692
Raphael Co.	700
R. P. Paoli & Co.	732

Planned  
**COMMUNITY HALL** Cost, \$  
 LAKEFORT, Lake Co., Calif.  
 New community hall.

Owner—City of Lakeport.  
 Architect—Not Given

**Low Bidders**  
**ALTERATIONS** Cost, \$50,000  
 FRESNO, Fresno Co., Calif.

Remodeling and rehabilitation of 3-story reinforced brick and concrete courthouse (hollow tile partitions, composition roofing, metal lath and acoustical plaster, interior tile, painting, plumbing metal stall partitions, fire escapes, radiators, linoleum floor covering).

Owner—County of Fresno (E. Dusenberry, county clerk).

Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen), H. Rafael Lake, Supervising Architect.

Low Bidder—T. C. Irwin, 908 Milredra, Fresno.

Low basic bids follow:

T. C. Irwin, Fresno	\$38,290
R. Pedersen, Fresno	38,576
Harris Const. Co., Fresno	42,607
W. J. Ochs, Fresno	48,961

Electrical  
 Wessell Electric Co., Rt. 2, Box 173, Fresno \$4,352

Robinson Elec. Co., Fresno \$4,452

All bids held under advisement. Award of contract will depend upon alternates selected.

Complete bids will be published "shortly."

**Bids Opened**  
**CENTRAL FIRE ALARM STA.**  
 SACRAMENTO, Sacramento County, Cal. Block bounded by 27th, 28th, F and G Streets.

One-story reinforced concrete and steel building to house central

fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.); 40x40 composition roofing, 8x8-inch glass block decorations, interior walls of metal lath and plaster partitions; acoustical plastered ceiling; stucco exterior walls; concrete basement; linoleum floors, etc.

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Low Bidder—Holdener Const. Co., 2608 R St., Sacramento, \$23,300.

Bids were taken as follows: (a) concrete; (b) forms; (c) reinforcing steel; and (d) excavation. Complete bids follow:

Holdener Const. Co.	\$23,300.00
(a)	.50
(b)	.17
(c)	.05
(d)	1.50

Petersen & Steimbrenner	\$23,998.00
(a)	.50
(b)	.29
(c)	.05
(d)	1.50

Lawrence Const. Co.	\$24,986.00
(a)	.45
(b)	.15
(c)	.05
(d)	1.75

H. W. Robertson	\$25,389.00
(a)	.40
(b)	.15
(c)	.05
(d)	2.00

All bids taken under advisement.

### Election

CITY HALL, Cost, \$60,000  
SANTA CRUZ, Santa Cruz Co., Cal.  
Church and Locust Streets.

One- and two-story reinforced concrete City Hall (second and third units) to house offices of city engineer, building and plumbing inspectors, council chamber, and police court & committee chambers.

Owner—City of Santa Cruz (C. D. Hinkle, Mayor).

Architect—C. J. Ryland, Box 790, Monterey.

A proposal to transfer \$75,000 from Water Department funds to complete construction of the city hall (first unit of which is now under construction) will be placed on the ballot May 4. The City Council has abandoned an application filed with the PWA for a grant of \$36,000 and loan of \$41,000, as the government demands bonds as security for repayment of a loan.

Owner—City of Santa Cruz (C. D. Hinkle, Mayor).

Architect—C. J. Ryland, Box 790, Monterey.

A proposal to transfer \$75,000 from Water Department funds to complete construction of the city hall (first unit of which is now under construction) will be placed on the ballot May 4. The City Council has abandoned an application filed with the PWA for a grant of \$36,000 and loan of \$41,000, as the government demands bonds as security for repayment of a loan.

## 14—RESIDENCES

### Preparing Working Drawings

RESIDENCES, Cost, \$4,500 each  
SAN FRANCISCO, Calif. Mission St., South of Murray St.

Two one-story frame and stucco residences (5 rooms each), tile and composition roofs, wood sash, hardwood floors, tile baths, etc.

Owner—A. R. Johnson, 3901 Mission Street.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Upon completion of plans, owner will probably take general figures.

### Plans Being Figured — To Close

March 8  
ADDITION, Cost, \$  
SAN FRANCISCO, Calif. 2945 Ocean Avenue.

Addition to residence of social hall and maid's quarters.

Owner—Mr. Cohen, care Architect.

Architect—Charles F. Strothoff, 2274 Fifteenth St.

Carlen Construction Company, 666 Mission St., is figuring plans and desires sub bids on all portions of the work.

### Contract Awarded

RESIDENCE, Cost, \$  
KENSINGTON PARK, Contra Costa Co., Calif.

Residence.  
Owner—Withheld.

Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contractor—Harold Sproul, 307 Berkeley Park Blvd., Berkeley.

### To Be Done By Day's Work

RESIDENCE, Cost, \$4,500  
BERKELEY, Alameda Co., Calif. 1330 Ada St.

One-story frame and stucco residence (6 rooms), garage.

Owner & Builder—J. A. Stroud, Jr., 370 17th St., Oakland.

Architect—C. H. Treichel, 696 Cleveland, Oakland.

### Contract Awarded

RESIDENCE, Cost, \$4,500  
OAKLAND, Alameda Co., Calif. 31 Westwood Court.

One-story frame and stucco residence (5 rooms).

Owner—G. J. Silveria, 2861 Grove St.

Architect—E. R. De Chene, 364 14th St.

Contractor—J. W. Youngman, 491 Hawthorne Ave.

### Low Bidder

RESIDENCE, Cost, \$  
KENTFIELD, Marin Co., Calif. Del Mesa Tract.

Two-story frame and stucco residence (6 rooms) shingle roof, gas hot air heating system, hardwood floors, tile baths, two garages.

Owner—D. J. Miller, care Architect.

Architect—C. F. Gromme, Freitas Bldg., San Rafael.

Low Bidders—J. Dawson & J. Measenger, 1507 Lincoln St., Berkeley.

### To Be Done By Day's Work

RESIDENCE, Cost, \$7,500  
PIEDMONT, Alameda Co., Calif. 121 Hagar Avenue.

Two-story frame and stucco residence (7 rooms) garage.

Owner and Builder—Paul H. Haller, 6221 Buena Vista Ave., Piedmont.

Architect—Not Given.

### Sub Bids Now Being Taken

RESIDENCES, Cost, \$5,000 each  
SAN MATEO, Calif.

Sixteen one-story reinforced concrete residences (4 and 5 rooms each), shake, shingle and composition roofs, gas heating systems, hardwood floors, tile baths, etc.

Owner and Architect—O. A. Deichmann, 321 Bush St., San Francisco.

Sub bids are now being taken by Mr. Deichmann on all portions of the work for the construction of the first residence.

Mr. Deichmann's address was previously reported in error as 110 Sutter St.

### Plans Being Figured — Bids Close

March 10, 2 P. M.  
RESIDENCE, Cost, \$  
SAN JOSE, Santa Clara Co., Calif.

One-story frame cottage (5 rooms, one bath), tile roof, gas heat, hardwood floors.

Owner—P. Mendoza.

Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Bids will be received from a selected list of contractors.

### Plans Being Figured

RESIDENCE, Cost, \$  
STOCKTON, San Joaquin Co., Calif.

One-story frame and stucco residence (6 rooms, 2 baths), tile floors and base in baths, steel ash, shingle roof, stucco exterior, floor furnace, hardwood plank floors, etc.

Owner—Fred Seelye.

Architect—J. U. Clewley, Exchange Bldg., Stockton.

Bids are being received from a selected list of contractors. About one week will be allowed for figuring the plans.

### Contract Awarded

RESIDENCE, Cost, \$8,000  
BAYWOOD, San Mateo Co., Calif.

One-story frame and stucco residence (6 rooms and 2 baths).

Modernistic style, steel sash, linoleum floors throughout, linoleum wainscot in kitchen and baths, linoleum and monel metal drain boards, air conditioning plant, glass brick in reception hall, social room with bar alcove.

Owner—F. Cortese.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contractor—Progressive Building Co., 231 Bosworth St., San Francisco.

### Contract Awarded

RESIDENCE, Cost, \$10,000  
SAN MATEO, San Mateo Co., Calif.

Two-story frame and stucco residence and garage.

Owner—Richard Baumgartner, care contractor.

Architect—Not Given.

Contractor—Lengfeld & Olund, 2 3rd Ave., San Mateo.

### Plans Being Figured — Bids Close

March 9  
RESIDENCE, Cost, \$20,000  
SAN FRANCISCO, Sea Cliff.

Two-story and basement frame and stucco residence (11 rooms and 4 baths), tile baths, shingle tile terra cotta roof, hardwood and tile floors.

Owner—Mrs. Sophie Solomon.

Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Bids are being received from a selected list of contractors.

### Contract Awarded

RESIDENCE, Cost, \$8,000  
BURLINGAME, San Mateo Co., Calif.

One-story frame and stucco residence; garage.

Owner—F. E. Peacock, 1230 Cortez Ave., Burlingame.

Architect—Not Given.

Contractor—C. E. Fowler, 829 Edgemoor Hill Ave., Burlingame.

### To Be Done By Day's Work

RESIDENCES, Cost, \$7,500 each  
PALO ALTO, Calif. 955 and 991 Lincoln Ave.

Two one-story frame and stucco residences; garages.

Owner & Builder—A. J. Wilbe, 2451 South Court, Palo Alto.

Architect—Not Given.

### Contract Awarded

RESIDENCE, Cost, \$10,000  
PALO ALTO, San Mateo Co., Calif.

Two-story frame and stucco residence; garage.

Owner—Robert Bossinger, Stanford University.

Architect—Leslie Nichols, 532 Emerson St.

Contractor—E. J. Schmaling, 863 Melville Ave.

### Plans Being Figured — Bids Close

March 11, 4 P. M.  
RESIDENCE, Cost, \$  
MODESTO, Stanislaus Co., Calif.

Two-story Montevise style residence (10 rooms, 3 baths), heavy shake roof, hardwood floors, oil burn hot air heating system, steel and wood sash, etc.

Owner—John Beard.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Bids will be received from a selected list of contractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$22,500  
**SAN FRANCISCO** Jackson Street,  
 near Locust St.  
 Two-story frame and stucco resi-  
 dence; slate roof, tile baths, hard-  
 wood floors, etc.  
 Owner—Joseph Ehrman, care Archi-  
 tect.  
 Architect—Hyman & Appleton, 68  
 Post St.  
 Contractor—Jacks & Irvine, 620 Mar-  
 ket St.

**Contract Awarded**  
**RESIDENCES** Cost, \$5,000 & \$2,500  
**OAKLAND**, Alameda Co., Calif. 57th  
 Avenue.  
 One-story frame and stucco resi-  
 dence (5 rooms) and one-story  
 frame and stucco residence (3  
 rooms). Tile and composition  
 roofs, hardwood floors, tile baths,  
 etc.  
 Owner—J. L. Kennedy, 5758 Harmon  
 St., Oakland.  
 Architect—Not Given.  
 Contractor—A. E. Waldman, 3192  
 McKillop Road, Oakland.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$6,000  
**CARMEL**, Monterey Co., Calif. 10th  
 and Camino Real.  
 One-story shingle and brick veneer  
 residence (5 rooms), hardwood  
 floors, central heating, plaster  
 walls, two-car garage, etc.  
 Owner—M. Graham, Carmel.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, Car-  
 mel.

**Plumbing**—Anderson-Dougherty &  
 Hargis, San Carlos and Fifth  
 Streets.  
**Heating, Glass & Hardware**—Carmel  
 Bldg. Specialties.  
**Brick & Stone**—James Chappell, 756  
 Pine St., Monterey.  
**Lumber**—M. J. Murphy, Inc., Carmel  
 Valley.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$5,000  
**CARMEL**, Monterey Co., Calif. Hat-  
 ton Fields.  
 One-story rustic and brick veneer  
 residence (5 rooms); shake roof,  
 hardwood floors, steel sash, plas-  
 ter walls, garage, etc.  
 Owner—Dr. H. E. Clark, Carmel.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, Car-  
 mel.

**Plumbing**—Anderson-Dougherty &  
 Hargis, San Carlos and Fifth Sts.,  
 Carmel.  
**Heating, Glass, Lumber & Hardware**  
 —Carmel Building Specialties.  
**Brick & Stone**—James Chappell, 756  
 Pine St., Monterey.  
**Lathing & Plastering**—C. J. Lee, Palo  
 Verde, Monterey.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$6,850  
**CARMEL**, Monterey Co., Calif. Mis-  
 sion Tract.  
 One-story frame and stucco resi-  
 dence (6 rooms); steel sash, shake  
 roof, hardwood floors, tile baths,  
 air conditioning system, garage,  
 etc.  
 Owner—F. Hartwell, Carmel.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, Car-  
 mel.  
**Heating, Glass, Hardware**—Carmel  
 Building Specialties, Carmel

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO**, Calif. 29th Ave.,  
 30th Ave. and Rivera St.  
 Eight one-story and basement frame  
 and stucco residences.  
 Owner & Builder—Happy Homes  
 Bldg. Co., 2194 30th Ave.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**BAKERSFIELD**, Kern Co., Calif. 2931  
 22nd Street.  
 Frame and stucco residence (12 rms.,  
 and full basement) tile roof, Pa-  
 cific-Payne heating and cooling  
 rock wool insulation, steel sash.  
 Owner—Withheld.  
 Architect—Not Given.  
 Contractor—Frank A. Greenough, 130  
 Lincoln St., Bakersfield.

Following sub-contracts awarded:  
**Electric**—Advance Electric Co., 909  
 18th St., Bakersfield.  
**Heating, Cooling and Sheet Metal**—  
 Geo. E. Wilson, 1019 19th Street,  
 Bakersfield.  
**Insulation, Roofing and Interior Tile**  
 —Orval McNay, 1669½ Chester,  
 Bakersfield.  
**Millwork**—Visalia Planing Mill, Box  
 428, Visalia.  
**Steel Sash**—Sandstone Brock Co., 501  
 Sonora St., Bakersfield.  
**Paint**—Peckham & Foster, 4171 Mad-  
 ison Ave., Culter City.  
**Sprinkling and Plumbing**—A. E. Ab-  
 bott, 910 Monterey St., Bakers-  
 field.  
**Plaster**—Frank Davis.  
**Floors**—O. W. Newman, 1713 Sec-  
 ond St., Bakersfield.  
**Excavation**—C. W. Hartman, Oak St.,  
 Bakersfield.

**Sub-Contracts Awarded**  
**STORE BLDG.** Cost, \$10,000  
**SAN FRANCISCO**, NW 21st Avenue  
 and Irving St.  
 One-story store building.  
 Owner—E. Pisan, 340 Bush Street.  
 Plans by H. J. Scott, 1392 Page St.  
 Contractor—Moore and Roberts, 693  
 Mission Street.

**Reinforcing Steel**—W. S. Wetenhall  
 Co., 17th and Wisconsin Streets.  
**Lumber**—Smith Lumber Co., Fourth  
 and Channel Streets.  
**Painting**—Chas. Gordon, 666 Mission.  
**Plastering**—F. Stephens, 3481 Pierce.  
**Tile**—Art Tile Company.  
**Glass**—Newman-McWilliams Glass  
 Co., 724 Golden Gate Avenue.  
**Concrete**—California Concrete Com-  
 pany, 1632 Steiner Street.  
**Roofing**—Alta Roofing Co., 976 In-  
 diana Street.

**Contract Awarded**  
**RESIDENCE** Cost, \$.  
**ROSS**, Marin Co., Calif.  
 Two-story frame residence, gas heat,  
 oak floors, wood sash, composi-  
 tion roof, wood exterior, four  
 baths.  
 Owner—Moya De Pino, Ross.  
 Architect—G. A. Dalley, 210 Post St.,  
 San Francisco.  
 Contractor—A. F. Matlock Co., 212  
 Clara St., San Francisco.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.  
**BAYWOOD**, San Mateo Co., Calif.  
 One-story frame and stucco resi-  
 dence (elevated bedroom), wood  
 or steel sash, terra cotta shingle  
 or pabco roof, hardwood floors,  
 hot air heating system, two tile  
 baths.  
 Owner—Withheld.  
 Architect—F. Frederic Amandes, 414  
 Dewey Blvd., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$4,850  
**EL CERRITO**, Contra Costa Co., Cal.  
 235 San Carlos Way.  
 One-story rustic residence (5 rooms),  
 oak floors, gas furnace, Standard  
 plumbing, cedar shake roof, etc.  
 Owner—T. E. Collins, 235 San Carlos,  
 El Cerrito.  
 Plans by: Paul V. Tuttle, 3718 Grand  
 Ave., Oakland.  
 Contractor—McKinley & Johnson,  
 Oakland.

**Bids Opened**  
**STORE** Cost, \$12,000  
**SALINAS**, Monterey Co., Cal. Main  
 and Alisal Streets.  
 One-story steel frame and tile store  
 building (six stores), composition  
 roofing, cement and maple floors.  
 Owner—Cominos Brothers.  
 Architect—Chas. E. Butner, 7 Win-  
 ham St., Salinas.  
 Low Bidder—V. H. Moore, Rt. 1, Box  
 119-A, Salinas.

Complete bids follow:  
 V. H. Moore, Salinas, \$15,875.00  
 .....(Alt. 1) Ded. 1,938.41  
 .....(Alt. 2) Ded. 523.96  
 .....(Alt. 3) Ded. 266.94  
 .....(Alt. 4) Add 118.65  
 .....(Alt. 5) Ded. 592.80  
 Albert Staton, Salinas, \$15,995.00  
 .....(Alt. 1) Ded. 1,940.00  
 .....(Alt. 2) Ded. 400.00  
 .....(Alt. 3) Ded. 240.00  
 .....(Alt. 4) Add 50.00  
 .....(Alt. 5) Ded. 592.00  
 Lenord Torrison, Salinas, \$16,194.00  
 .....(Alt. 1) Ded. 1,938.41  
 .....(Alt. 2) Ded. 350.00  
 .....(Alt. 3) Ded. 314.00  
 .....(Alt. 4) Add 50.00  
 .....(Alt. 5) Ded. 592.80  
 Bids held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,600  
**OAKLAND**, Alameda Co., Cal. Plee-  
 wood Road.  
 One-story rustic residence (6 rms.),  
 stucco interior, split shake roof,  
 oak floors, gas heating plant, etc.  
 Owner—D. C. Fink, Oakland.  
 Plans by: Paul V. Tuttle, 3718 Grand  
 Ave., Oakland.  
 Contractor—Ray E. McCoy, Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SOUTH SAN FRANCISCO**, San Ma-  
 teo Co., Calif.  
 Two-story frame and stucco resi-  
 dence (9 rooms, 3 baths), hard-  
 wood floors, tile roof, hot air gas  
 fired heating system, tile baths.  
 Owner—Dr. H. A. Wald.  
 Architect—A. F. Roller, Crocker lit-  
 National Bank Bldg., San Fran-  
 cisco.  
 Contractor—Antonio Pianca, 609 Pine  
 Terrace, So. San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$20,000  
**SAN RAFAEL**, Marin Co., Cal. Del  
 Mesa Tract.  
 Two-story frame and stucco resi-  
 dence (10 rooms, 3 baths), Span-  
 ish style, tile roof, tile baths,  
 hardwood floors, oil burning fur-  
 nace, steel sash, etc.  
 Owner—Henry Sutfin, care architect.  
 Architect—F. Frederic Amandes, 414  
 Dewey Blvd., San Francisco.  
 Contractor—Leibert & Trobeck, Al-  
 bert Bldg., San Rafael.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, 2701 Pierce St.  
 Alter residence.  
 Owner—Chas. Kendrick, 2701 Pierce.  
 Architect—W. C. Perry, 260 Califor-  
 nia Street.  
 Contractor—G. H. Hansell, 1834  
 Geary St.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**SAN MATEO**, Calif. Baywood.  
 Two-story, stucco, wood siding and  
 brick veneer residence (8 rooms,  
 3 baths) shingle roof, gas hot air  
 heating system, hardwood floors,  
 tile baths, etc.  
 Owner—Withheld.  
 Architect—Leo Sharps, 1147 Burlin-  
 game Ave., Burlingame.  
 Contractor—Oscar L. Cavanaugh, 432  
 Occidental Ave., San Mateo.

**Completing Working Drawings.**

**RESIDENCES** Cost, \$11,000 each  
**SAN MATEO**, Calif. Baywood.  
 Two 2-story frame and stucco residences (hardwood floors, tile baths, wood sash, gas hot air heating system, shingle roofs, etc.)  
 Owner—Withheld.

**Architect**—Leo Sharps, 1447 Burlingame Ave., Burlingame.  
 Bids will be asked shortly from a selected list of contractors.

**Bids In—Held Under Advertisment.**

**RESIDENCE** Cost, \$6,500  
**OAKLAND**, Alameda Co., Cal. Buena Vista Avenue.

One - story frame and stucco residence (6 rooms) hardwood floors, tile baths, tile roof, central gas heating system, etc.  
 Owner—H. O. Schmidt, care architect.

**Architect**—E. R. de Chenne, 361 17th St., Oakland.

Announcement will be made in about one week.

**Contract Awarded**

**RESIDENCE** Cost, \$19,500  
**OAKLAND**, Alameda Co., Calif. 30 Yorkshire Drive.

Two-story and basement frame and stucco residence (10 rooms).  
 Owner—James De Fremery, 7 Estates Court, Berkeley.

**Architect**—J. Eugene Barton, Crocker Bldg., San Francisco.

**Contractor**—Harold L. Paige, 5651 Oak Grove Ave., Oakland.

**Contract Awarded**

**RESIDENCE** Cost, \$.....  
**HILLSBOROUGH**, San Mateo Co. New residence.

Owner—Mr. Boldemann.  
**Architect**—Farr & Ward, 68 Post St., San Francisco.

**Contractor**—C. W. Kemper, 125 Bryant St., Palo Alto.

**Contract Awarded**

**RESIDENCE** Cost, \$5,800  
**SAN LEANDRO**, Alameda Co., Calif. Broadmoor.

One-story frame and stucco residence (6 rooms) oak floors, gas heating plant, Oregon pine interior finish, shingle roof, etc.

Owner—G. V. Luttrell.  
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

**Contractor**—Nohle Justice, 2206 Clinton St., Alameda.

**Sub-Bids Now Being Taken.**

**RESIDENCE** Cost, \$12,000  
**CORTE MADERA**, Marin Co., Calif. Two - story and basement frame and stucco residence, hardwood floors

tile baths, etc.  
 Owner—A. M. Waterbury.

**Architect**—H. H. Wimper, Wordsworth Ave., Ross.

**Contractor**—H. J. Hansen, 737 Fifth St., San Rafael.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$6,000  
**SAN FRANCISCO**, Calif. Sunset District.

Two two-story frame and stucco residences.  
 Owner & Builder—S. F. Johnson, 600 Wawona St.

**Architect**—C. O. Clausen, 746 46th Ave.

**Contract Awarded**

**RESIDENCE** Cost, \$5,500  
**LAFAYETTE**, Contra Costa County, Calif.

One - story frame and stucco residence (4 rooms), shingle roof, oil heating system, linoleum in bath, wood sash, wall board interior finish, garage.

Owner—F. M. Hanson.  
**Architect**—James H. Anderson, 3147 Claremont Ave., Berkeley.

**Contractor**—James F. Croll, 1280 Escohar St., Martinez.

**Low Bidder**

**RESIDENCE** Cost, \$.....  
**SACRAMENTO**, Calif. 27th St., bet. N and O Streets.

One-story frame residence (6 rooms), bevel siding exterior, hardwood floors, tile bath, etc.

Owner—Name withheld.  
**Architect**—Francis E. Lloyd, 360 Pine St., San Francisco.

**Low Bidder**—Jul Johnson & Son, 1923 17th St., Sacramento.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$5,000  
**SACRAMENTO**, Calif. 1401 38th St.

Two-story frame and stucco residence.  
 Owner & Builder—J. T. Ransdall, Jr., 1415 38th St., Sacramento.

**Architect**—Not Given.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO**. E. Desmond, N Sannydale.

Two one-story and basement frame and stucco residences.  
 Owner & Builder—The Ruegg Company, 369 Pine St.

**Architect**—Not Given.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO**, Calif. 22nd Ave. and Ortega St.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.

Owner & Builder—W. J. Westervelt, 829 Hayes St.  
**Architect**—C. O. Clausen, 746 46th Avenue.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$8,000 each  
**SAN FRANCISCO**, Calif. University Terrace.

Three two-story frame and stucco residences; hardwood floors, tile baths, etc.

Owner & Builder—John Murphy, 350 Clairmont Blvd., San Francisco.

**Architect**—C. O. Clausen, 746 46th Ave.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO**. W. 15th Ave., S Rivera St.

Ten one-story frame and stucco residences.  
 Owner & Builder—James Arnott & Sons, 633 Taraval St.

**Architect**—Not Given.

**Plans Completed**

**RESIDENCE** Cost, \$5,500  
**BERKELEY**, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, snake roof, central gas furnace, etc.

Owner—O. M. French, 746 Ensenada St., Berkeley.

**Architect**—Not Given.  
 Owner will take figures in about one week.

**Sub-Contracts Awarded**

**RESIDENCE** Contract Price, \$12,500  
**SAN MATEO** CO., Calif. Baywood.

Two - story frame and stucco and brick veneer residence (9 rooms, 3 baths) shingle roof, warm air gravity heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
**Architect**—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

**Contractor**—Lengfeld & Olund, Ltd., 520 Third Ave., San Mateo.

**Plumbing**—J. W. Forsythe, 521 South Humboldt St., San Mateo.

**Lumber**—Wisnom Lumber Co., Fifth and S. Claremont, San Mateo.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Sub-Contracts Awarded**

**RESIDENCE** Cost, \$12,000  
**SAN MATEO COUNTY**, Cal. Hillsborough.

Two - story frame and stucco residence (9 rooms, 3 baths) shingle roof, wood sash, forced air gas fired heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
**Architect**—Leo Sharps, 1447 Burlingame Ave., Burlingame.

**Contractor**—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Plumbing**—Harry Lee, 220 California Ave., Burlingame.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Painting**—A. Peterson, 120 Tilton Ave., San Mateo.

**Sub-Contracts Awarded**

**RESIDENCE** Cost, \$10,000  
**PALO ALTO**, Santa Clara Co., Calif. 461 Nevada Avenue.

Two - story frame and stucco residence and garage.  
 Owner—G. H. Whitworth, 2267 Tasso Street, Palo Alto.

**Architect**—Not Given.  
**Contractor**—E. J. and Okerman, 1160 Fulton St., Palo Alto.

**Electric Wiring**—Erskine Electric Works, Middlefield Road at 8th Ave., Redwood City.

**Heating & Sheet Metal**—Mead Sheet Metal Works, 2451 El Camino Real, Palo Alto.

**Plumbing**—H. B. Hansen, Palo Alto. **Tile Work**—Bloomquist Tile Co., 722 Clinton St., Redwood City.

**Glass**—Acme Glass Co., 851 Alma St. Palo Alto.

**Hardwood Floors**—A. Backlund, 559 Kingsley Ave., Palo Alto.

**Iron Grille Work**—Peninsula Wrought Iron Works, 2195 El Camino Real, San Mateo.

**Grading**—E. Strain, Rt. 1, Box 539, Palo Alto.

**Lumber**—Merner Lbr. Co., 817 The Alameda, San Jose.

**Mill Work**—Minton Lumber Co., 599 Front St., Mountain View.

**Painting**—O. R. North, 134 Donohue St., Palo Alto.

**Latling and Plastering**—H. K. Fultz P. O. Box 148, Mountain View.

**Concrete**—Joe Emma, 183 E Willow Road, Palo Alto.

**Contract Awarded**  
**DUPLEX RESIDENCE** Cost, \$6,500  
**OAKLAND**, Calif. 5385-87 Bryant St.

One-story duplex residence (6 rooms).  
 Owner—J. Molinari, 5389 Bryant St.

**Architect**—Not Given.  
**Contractor**—John Cisero, 474 42nd St.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**SANTA ROSA**, Sonoma Co., Calif.

Two-story Georgian residence (two baths and lavatory, 3 bedrooms)  
 Johns - Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.

Owner—Doctor Leighton Ray, Santa Rosa.

**Architect**—Mark Daniels, 101 Post St. San Francisco.

**Contractor**—Robert J. Whiting, 624 Spencer Ave., Santa Rosa.

**Owner Taking Sub Bids**  
**RESIDENCE** Cost, \$3,200  
**ALAMEDA**, Calif. Santa Clara Ave.

One and one-half-story cement stucco residence (5 rooms), oak floors, composition roof, gas furnace, etc.

Owner—George Porep, 1543 Pearl St., Alameda.

Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.  
 Owner is now taking sub bids.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co.  
Two-story frame and brick veneer residence (12 rooms, five baths), shingle tile roof, oak floors, gas hot air heating system, etc.  
Owner—Porter Sesnon, Hillsborough.  
Architect—G. A. Dailey, 210 Post St., San Francisco.

**Plans Completed**  
RESIDENCE Cost, \$3,000  
EAST OAKLAND, Alameda Co., Cal.  
One-story frame and rustic residence (5 rooms), oak floors, floor furnace, shingle roof, etc.  
Owner—A. W. Hutchison, Oakland.  
Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.  
Sub bids will be taken by the Owner.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$7,500 each  
SAN FRANCISCO, Calif. University Terrace.  
Twelve two-story frame and stucco residences (7 rooms); hardwood floors, tile baths, etc.  
Owner & Builder—Bay Cities Building Co., 160 Rusa St., San Francisco.  
Architect—C. O. Clausen, 746 46th Ave.  
Plans have been completed for the first unit of work of two residences.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, Calif. Francisco Heights.  
One-story frame and stucco residence (6 rooms); terra cotta tile roof, hardwood floors, tile bath, etc.  
Owner & Builder—Kenneth Evers, 97 San Pablo Ave.  
Architect—C. O. Clausen, 746 46th Ave.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, Calif. SE Cor. Santa Paula and Santa Monica.  
Two-story and basement frame and stucco residence.  
Owner—Dr. J. K. Diment, 450 Sutter St.  
Architect—John Davis Young, 2002 California St.  
Contractor—Robinson & Johnson, 180 Oak St.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$.....  
PIEDMONT, Alameda Co., Cal. Rancho Garden.  
Two-story frame residence (10 rms., 4 baths). Colonial style, shingle roof, hardwood floors, tile baths, oil burning heating system, etc.  
Owner—W. L. Oliver, 2nd, care Architect.  
Architect—C. W. Mayhew, 6026 Acacia St., Oakland.  
Announcement shortly.

**Completing Plans**  
ALTER RESIDENCE Cost, \$10,000  
SAN FRANCISCO, Divisadero St.  
Alterations and additions to residence (addition of wood panel library, servant's room, terrace and two-car garage).  
Owner—Withheld.  
Architect—Leo Sharps, 1447 Burlingame Ave., Burlingame.  
Bids will be asked in about one week from a selected list of contractors.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,000  
SAN FRANCISCO, Calif. Sunset District.  
One-story frame and stucco residence; hardwood floors, tile bath, etc.

Owner & Builder—E. W. Perkins, 435 Magellan Ave.  
Architect—C. O. Clausen, 746 46th Ave.

## 15—SCHOOLS

**Low Bidders**  
SCHOOL Cost, \$80,000  
GRANDVIEW, Washington.  
New two-story frame and concrete high school building (7 classrooms), offices, vaults, gymnasium, bookrooms, toilets, steam heating plant.  
Owner—Grandview Consolidated Sch. District (B. L. Dailey, Secretary).  
Architect—John W. Mahoney, Larson Bldg., Yakima.  
**General Construction**  
Howard S. Wright, Seattle, \$55,470  
**Plumbing & Heating**  
Northwestern Plumbing & Heating, Portland .....\$12,682  
**Electric**  
NoPage McKenny, Seattle, .....\$4,425

**BIDS WANTED**  
LOS ANGELES, Cal.—Until March 11, 2 p.m., bids will be received by the Los Angeles board of education, 1425 S. San Pedro St., for a reinforced concrete shop building to be built at the South Los Angeles junior high school, 234 E. 112th St. Architects Myron Hunt and H. C. Chambers; Structural Engineer C. Deuel, and Mechanical Engineer E. L. Ellingwood.

**Bond Election**  
SCHOOL Cost, \$100,000  
FOWLER, Fresno Co., Calif. Fourth and Tuolumne Streets.  
New academic building (ten classrooms, auditorium to seat 650, offices, library and domestic science room) L-shaped structure.  
Owner—Fowler Elementary School District (W. T. Dice, Clerk).  
Architect—Charles H. Franklin, 416 T. W. Patterson Bldg., Fresno.  
An election will be held March 25 to vote on a proposal to issue \$93,000 in bonds. Application will be filed with the PWA for a grant of 45% and if allotted, only the necessary minimum of bonds will be sold.

**Preparing Preliminary Plans**  
SCHOOL Cost, \$160,000  
FORT BRAGG, Mendocino Co., Calif.  
One-story frame addition to present elementary and jr. high school building (19 classrooms, gymnasium & auditorium) steel trusses  
Owner—Fort Bragg Un. High School District.  
Architect—W. E. Coffman, Forum Bldg., Sacramento.

**CONTRACT AWARDED**  
EL SEGUNDO, Los Angeles Co., Calif.—Brunzell and Jacobson, 2159 Fremont Ave., Los Angeles, awarded contract by the El Segundo School District at \$42,485, for construction of a new two-story reinforced concrete kindergarten unit at El Segundo elementary school. A PWA contract. The award was made on a normal bid of \$41,503 with additions of \$954 and \$28 for alternate bids No. 1 and No. 2a, respectively. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect.

**Structural & Mechanical Engineers**  
Selected  
ADDITION TO SCHOOL Cost, \$75,000  
SAN FRANCISCO St. Monica's School (Rev. Wm. J. Cantwell, Rector), 24th and Geary Sts.  
Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x91 ft.); six classrooms and assembly hall, with gymnasium in basement.  
Owner—Archbishop of San Fran-

**CONTRACT AWARDED**  
FONTANA, San Bernardino Co., Cal.—Steed Bros., 942 E. Main Street, Alhambra, awarded contract by the Fontana School District at \$60,420 for constructing a one and one-half two-story reinforced concrete auditorium at Fontana elementary school a PWA project. Architects Marsh, Smith & Fowell, 508 Architects' Bldg., Los Angeles.

cisco, 1100 Franklin St.  
Architect—Arnold Constable, 580 Market St.  
Structural Engineer—Kaj Theill, 580 Market St.  
Mechanical Engineer—George E. Atkins, Hobart Bldg.  
Bids will be asked about April 1.

**BIDS WANTED**  
LOS ANGELES, Cal.—Until March 11, 2 P. M., bids will be received by the Los Angeles board of education, 1425 San Pedro St., for a reinforced concrete shop building to be built at the South Los Angeles junior high school, 234 E. 112th St. Architects Myron Hunt & H. C. Chambers; Structural Engineer C. Deuel and Mechanical Engineer E. L. Ellingwood.

**Sub Contracts Awarded**  
RECONSTRUCT AUDITORIUM  
Contract Price, \$106,413  
CROCKETT, Contra Costa Co., Calif.  
Reconstruct the auditorium and East cloister at John Swett High School.

Owner—Crockett School District.  
Engineer—Dewell & Earl, 55 New Montgomery St., San Francisco.  
Contractor—Karl S. Koller, Crockett, and W. K. VanBokelen, Oakland.

**Roofing**—Mastercraft Tile & Roofing Co., Box 1085, Richmond.  
**Plumbing**—Oscar O. Frytz, 577 Loring Ave., Crockett.

**Electric**—Crockett Electric Shop, Valley St., Crockett.

**Heating and Sheet Metal**—Pacific Heating & Ventilating Co., Builders' Exchange, Oakland.

**Lumber**—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

**Gunitite**—Cement Gun Construction Co., 9 Main St., San Francisco.

**Foundations**—Betram Drilling Co., Los Angeles.

**BIDS WANTED**  
EL CAJON, San Diego Co., Calif.—Until March 11, 7:30 p.m., bids will be received by the Cajon Valley Sch. District for construction of a new one-story frame and stucco school building at El Cajon, located about 14 miles east of San Diego. Plans and specifications may be obtained from the architect, Wm. F. Lodge, Fifth Avenue Bldg., San Diego, upon deposit of \$10.

**Architect Selected To Prepare Plans**  
SCHOOL Cost, \$40,000  
AUBURN, Placer Co., Calif.  
First unit of new Placer Junior College Plant, consisting of a one-story building (6 classrooms).  
Owner—Auburn School District.  
Architect—Masten & Hurd, 233 Post St., San Francisco.

**Plans Being Figured — Bids Close**  
March 11, 4 P. M.  
RECONSTRUCTION Cost, \$15,000  
BERKELEY, Alameda Co., Calif.  
Structural rehabilitation of Willard Junior High School Auditorium (strengthening roof trusses, installing system to resist lateral forces, acoustical revision, additional fire protection system).  
Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milleda Street.  
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.

Consulting Architect — Wm. C. Ambrose, Berkeley Board of Education.

Plans and specifications obtainable from the secretary's office upon deposit of \$25.00.

**Corrections in Mechanical Bids**  
GYM & POOL Cost, \$287,000  
DAVIS, Yolo Co., Calif. College of Agriculture.

Class A reinf. concrete and steel gymnasium and enclosed swimming pool.

Owner—Regents of the University of California.

Architect—Wm. Hayes, Crocker First National Bank Bldg., San Francisco.

Mechanical Engineer — T. J. Janes, University of California.

Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco.

Bids were taken as follows:  
(1) General Construction;  
(2) Mechanical Work:

(a) Plumbing; (b) Heating and Ventilating; (c) Combination of (a) and (b); (d) Electric; (e) Combination of (a), (b) and (d).

Anderson & Rowe, 45 Belcher St., S. F.—(a) \$33,225; (b) \$44,031; (c) \$74,756.

Luppen & Hawley, Inc., 2136 J St., Sacramento—(a) \$38,900; (b) \$47,056; (c) \$83,900; (d) \$14,651; (e) \$96,000.

Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., S. F.—(a) \$33,322; (b) \$45,850; (c) \$78,700.

M. R. Carpenter, 907 Front St., Sacramento—(a) \$35,444; (b) \$40,923; (c) \$76,000.

Herman Lawson Co., 465 Tehama St., S. F.—(a) \$37,500; (b) \$47,900; (c) \$84,000.

Edward J. Lynch Electric Co., S. F.—(d) \$12,938.

Spencer Electric Co., 570 Natoma St.—(d) \$12,871.

Scott Co., Inc., 232 Minna St., S. F.—(c) \$84,985.

Eddy Electric & Mechanical Co., 309 E. Weber St., Stockton—(d) \$15,985.00.

Kenney Bros., 7 Front St., S. F.—(d) \$13,467.

Abbett Electric Co., 126 Sears St., S. F.—(d) \$12,932.

James A. Nelson, Inc., 1375 Howard St., San Francisco—(c) \$79,020.

H. S. Tithe Co., Inc., 85 Columbia Square, S. F.—(d) \$14,000.

Chas. A. Langlais, 472 Tehama St., S. F.—(d) \$13,988.

Complete list of alternate bids on general construction and mechanical work are now on file at the Buildings and Grounds office, University of California, Berkeley.

**Plans Being Prepared**  
GYMNASIUM Cost, \$ .....  
DAVIS, Yolo Co., Calif.

High School gymnasium building, to include two laboratory rooms, combination gym room and stage, gym, locker rooms, shower rooms, etc.

Owner—Davis High School.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

**BIDS WANTED**  
COALINGA, Fresno Co., Calif.—Until March 10, 8:30 p.m., bids will be received by the Board of Trustees of the Coalinga Union High School District (T. H. Robinson, Secretary), for the purchase of one 3-room cottage, 672 Van Ness Avenue; one 8-room 2-story house, 692 Van Ness Ave.; complete furniture for eight rooms; one 1-car garage and one 2-car garage.

Additional information may be had from the office of the high school.

**FIRE LOSS**  
ELK GROVE, Sacramento Co., Cal.—Fire destroyed the gymnasium of

the Elk Grove Union High School on February 26, with damage estimated at \$29,000.

**Preparing Plans**  
ALTERATIONS Cost, \$ .....  
LOS ANGELES, Calif.

Alterations to the interior of the library building at the University of California at Los Angeles.

Owner—Regents of the University of California at Los Angeles.

Architect—Harry A. Thompson, office of George W. Kelham, 315 Montgomery St., San Francisco.

**Preliminary Plans Completed**  
JUNIOR COLLEGE Cost, \$ .....  
SAN MATEO, San Mateo Co., Calif.

Peninsula Ave. and N. Delaware. New junior college (science building, first unit).

Owner—San Mateo Junior College & High School District.

Architect—Harry A. Thompson, office of George W. Kelham, 315 Montgomery St., San Francisco.

Group of buildings include an administration building, science building, arts building, library, gymnasium and students' union.

Preliminary plans are now completed on the whole group of buildings. However, plans will be completed and bids asked in about three months on the 1st unit of the work—the science building.

**NEW MEXICO**—The University of BOND ISSUE AUTHORIZED

New Mexico has been authorized by the state senate to issue bonds in the sum of \$250,000 to be used together with an expected PWA grant of \$200,000 to finance the construction of an auditorium and two dormitories on the university campus. The proposed auditorium would cost \$200,000 and the dormitories \$125,000 each.

**Plans Being Completed**  
SCHOOL Cost, \$30,000  
BAKERSFIELD, Kern Co., Calif.

Two classrooms, wood shop and lunch room (wood frame and stucco construction, tiled roof, steel sash, maple floors, air conditioning, etc.)

Owner—Belridge School District.

Architect—Office of E. J. Symmes (L. W. Hoover, architect) Haberfeld Bldg., Bakersfield.

Plans will be available about Mar. 10th.

**Preparing Preliminary Drawings**  
SCHOOL Cost, \$25,000  
TAFT, Kern Co., Calif.

One-story frame and stucco grammar school.

Owner—Taft Grammar School District, care Clerk, Lincoln School, Taft.

Architect—Chas. H. Biggar, Haberfeld Bldg., Bakersfield.

Application has been filed with the PWA for a grant of 45%.

**CONTRACT AWARDED**  
SAN FRANCISCO.—Fire Protection Products Co., 1101 16th St., at \$97.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 5674, for re-

moving one pair of existing doors furnishing and installing one pair of kalamain doors, astragal and drip moulds, using present hardware at west opening of auditorium at Polytechnic High School.

**CONTRACT AWARDED**  
SAN FRANCISCO.—Anchor Post Fence Co. of California, 460 Fifth St., at \$57.08 awarded contract by the Department of Public Works under Spec. No. 5645, for furnishing and installing chain-link wire fence on top of present wooden fence, to match present installation on Geary

Street side of Girls' High School, at Geary and Scott Streets.

**Sub Contracts Awarded**  
RECON. SCHOOL Cost, \$110,750  
NAPA, Napa Co., Calif. Napa Union High School.

Reconstruction of Napa Union High School and the construction of a covered passageway from main building to the two school gym buildings; reinforced concrete & structural steel construction, and a one-story frame and stucco music building addition to rear wall of present stage, concrete foundation, wood floors, composition roof, thermal and sound insulation, standard plumbing and electric work.

Owner—Napa Union High School District.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa; C. Leroy Hunt, 939 2nd St., Napa, associate.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—Villades Bros., Inc., 354 Hobart St., Oakland.

Reint. Steel—Concrete Engineering Co., 1280 Indiana St., San Francisco.

Hardwood Floors—Rex Floor Co., 2468 6th Ave., Oakland.

Structural Steel—Western Iron Wks., 141 Beale St., San Francisco.

Roofing—G. W. Davenport, 717 C St., San Rafael.

Mill Work—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

Window Hardware—Universal Window Co., 950 Parker St., Berkeley.

Glass—Habenicht & Howlett, 529 Clay St., San Francisco.

Electric Wiring—Norman Russell, 123 College Ave., Santa Rosa.

Sheet Metal, Plumbing, Heating and Ventilating—Frank Davison, Ltd., 65 Chesley St., San Francisco.

Lathing and Plastering—Sam Murlie, 354 Hobart St., Oakland.

Painting—Joseph J. Burdon & Son, 257 15th St., Richmond.

Blackboards and Auditorium Seats—American Seating Company, 207 Van Ness Ave. So., San Francisco.

Title—Rigney Tile Co., 3012 Harris St., Oakland.

Toilet Partitions—Trask & Quier Co., 39 Natoma St., San Francisco.

Linoleum—D. N. & E. Walter & Co., Inc., 562 Mission St., San Francisco.

Window Shades—W. R. Knight, 557 Market St., San Francisco.

Weather Stripping—Chamberlin Metal Weather Strip Co., Inc., 895 Post St., San Francisco.

## 16—BANKS, STORES AND OFFICES

Bids In—Held Under Advertisment ALTERATIONS Cost, \$ .....  
SAN FRANCISCO. Broadway and Stockton Streets.

Alterations to store and loft.

Owner—A. Esmoil, care architect.

Architect—Fabre & Hildebrand, 110 Sutter Street.

**Preparing Working Drawings**  
STORE BLDG. Cost, \$10,000  
REDWOOD CITY, San Mateo Co., Calif.

One-story frame and brick store building (4 stores), composition roof, plaster walls and ceilings, etc.

Owner & Builder—Consolidated Development Co.

Architect—D. E. Jaekle, 126 Post St., San Francisco.



**Contract Awarded**  
ALTER STORE Cost, \$3,500  
SAN FRANCISCO. 3236 Mission St.  
Alter store building.  
Owner—Capital Co., 625 Market St.  
Engineer—L. H. Nishkian, 525 Market Street.

**Contractor—Langfelder and Schuster**  
280 Wawona Street.

**Contract Awarded**  
AIR CONDITIONING Cost, \$50,000  
FRESNO, Fresno Co., Calif. 1221  
Fulton St.

Complete new air-conditioning system in Brix Bldg. pre-cooling tower, refrigerator coils, humidity control and filter, individual temperature regulators, reconstruction of hallway ceilings and corridor changes, etc. (192 offices in building).

Owner—Brix Estate Co.  
Architect—Not Given.  
Contractor—York Ice Machinery Co.,  
964 Wilson, Fresno.

#### SUB BIDS WANTED

OAKLAND, Alameda Co., Calif.—  
W. C. Patis, 883 Market St., San Francisco, desires sub bids on all portions of the work for the construction of a one-story addition to Whitthorne & Swan store building, 11th and Washington Streets, Oakland, for which bids will be opened today, 4 p.m. Plans prepared by Architect George T. deColmesnil, 111 Sutter St., San Francisco.

**Low Bidder**  
ALTER STORE Cost, \$.....  
SAN FRANCISCO. Post and Mason  
Streets.

Alter store building.  
Owner—Wm. Cranston, care Architect.  
Architect—W. J. Garren, 233 Post St.  
Low Bidder—Mills Const. Co., Russ  
Building.  
Award of contract has been indefinitely postponed.

**Plans Completed**  
ALTERATIONS Cost, \$.....  
MODESTO, Stanislaus Co., Calif.

Remodel 1-story store building (plate glass, new front, marble work)  
Owner—Pacific States Bldg. & Loan  
Company.  
Architect—G. N. Hilburn, 1213 I St.,  
Modesto.  
Bids will be asked shortly.

**Contract Awarded**  
ALTERATIONS Cost, \$.....  
SAN FRANCISCO. Scott and Chestnut  
Streets.

Alterations and additions to 1-story  
and basement frame building.  
Owner—Carl Warner, care architect.  
Architect—George H. Wiemeyer, 605  
Market Street.  
Contractor—Mills Const. Co., Russ  
Building.

**Sub Contracts Awarded**  
STORE Cost, \$5,000  
SALINAS, Monterey Co., Cal. Main  
Street.

One-story reinforced concrete store  
building.  
Owner—Julia Duncan.  
Lessee—Pop Creamery Company.  
Architect—Chas. E. Butler, 7 Winham  
St., Salinas.  
Contractor—Hughes V. Hughes, 86  
Nacional St., Salinas.

**Roofing—Monterey Co., Roofing &  
Tl. Co., National Bank Bldg.**  
Plumbing, Heating & Sheet Metal—  
Anderson - Dougherty & Hargis  
Co., 225 Main St.

**Electric—Rodeo Electric Works, 11  
West San Luis St.**  
**Glass—Le Delt Glass Co., 762 Lentzen  
Ave., San Jose.**

**Grading, Foundations & Concrete—  
Granite Constr. Co., Vale St.**  
**Lumber, Mill & Hardware—Southern**

Pacific Milling Co., R.R. Yards.  
Painting—F. J. Sagert, 425½ Riker  
St.  
Lathing & Plastering—L. C. Jorgensen,  
24 Orange Dr.  
All of Salinas unless otherwise  
noted.

#### BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.  
—Bids are now being received by  
Ross & Ross, Redwood City attorneys,  
for the purchase of the James  
Frazer Building, University Avenue  
and Emerson Sts. Estimated value  
of the two-story building is \$125,000.

**Contract Awarded**  
ADDITION Cost, \$.....  
SAN RAFAEL, Marin Co., Calif. 4th  
and B Streets.

Addition of a fifth floor to the Albert  
Building.  
Owner—Jacob Albert, San Rafael.  
Architect—Not Given.  
Contractor—Leibert & Trobeck, Albert  
Bldg., San Rafael.

**Plans Completed**  
ALTERATIONS & ADDITIONS Cost, \$50,000

REDWOOD CITY, San Mateo Co.,  
Calif. 2303 Broadway.  
Alterations and additions to California  
Pacific Title & Trust Company.  
Owner—Calif. Pacific Title & Trust  
Co. (T. J. Hallinan, manager).  
Architect—E. L. Norberg, 580 Market  
St., San Francisco.

**Contract Awarded**  
ALTERATIONS Cost, \$25,000  
SAN JOSE, Santa Clara Co., Calif.

NE 1st and San Carlos.  
Alter business building.  
Owner—H. Ray Fry, Wilcox Bldg., 97  
S. 1st St.  
Architect—Not Given.  
Contractor—Bridges Constr. Co., 1395  
Lincoln Ave.

**Contract Awarded**  
RESTAURANT Cont. Pr., \$6,945  
SAN FRANCISCO.

Complete new restaurant; kitchen,  
pantry, workroom and cookroom,  
men's and women's toilets, cooler,  
complete new store front.  
Owner—Withheld.  
Architect—Sidney A. Colton, 544 Market  
St., San Francisco.  
Contractor—Peter Sartorio, 666 Mission  
St.

All interior tile work, heating and  
ventilating not included in contract.  
Contract was awarded for the first  
unit of the work, consisting of erection  
of new steel columns and girders;  
reinforced concrete stairs to  
sidewalk; steel sidewalk door, brick  
walls, to Peter Sartorio, who let the  
steel sub contract to Judson-Pacific  
Company, 609 Mission St.

**Contract Awarded**  
STORE BLDG. Cont. Pr., \$13,065  
SANTA ROSA, Sonoma Co., Calif.  
Mendocino Avenue.

One-story reinforced concrete store  
building (plate glass and tile  
front, composition roof, wood  
sash).  
Owner—Independent Order of Odd  
Fellows.

Architect—John J. Easterly, Santa  
Rosa and Healthsburg.  
Contractor—C. L. Personett, 731 San-  
Rosa Ave., Santa Rosa.

Contract price includes tile floors  
Complete bids published Feb. 25.

**To Be Done By Day's Work**  
STORE BUILDING Cost, \$7,500  
SACRAMENTO, Calif. 2315 J St.

One-story frame store building.  
Owner & Builder—Phil Hohrecht,  
3279 D St., Sacramento.  
Architect—Not Given.

**Contract Awarded**  
TERMINAL BLDG. Cont. Pr., \$115,600  
YERBA BUENA SHOALS. Site of  
the 1939 World's Fair  
One-story wood frame ferry terminal  
building with a concrete under-  
pass and wooden bridge; portion  
of building to be erected on  
wood planking of existing ferry  
slip wharf, piling and foundations  
for remainder of building  
included in contract.

Owner—San Francisco Bay Ex-  
position, Inc. (Leland W. Cutler,  
President), 555 Bush Street, San  
Francisco.

Architect—San Francisco Bay Ex-  
position Architectural Commission,  
555 Bush St., San Francisco.  
Contractor—Clinton Constr. Co., 923  
Folsom St., San Francisco.  
Complete bids published Feb. 12.

#### PLANS COMPLETED

BURBANK, Los Angeles Co., Cal.  
—J. V. McNeil Co., 5860 Avalon Blvd.,  
Los Angeles, will start work immediately  
on the erection of a two-story  
office building (176 x 41 ft.) at  
1700 Victory Place, Burbank, for  
Lockheed Aircraft Corp. Cost, \$45,000.  
Architects John and Donald E.  
Parkinson, Los Angeles.

**Completing Working Drawings**  
STORE BLDG. Cost, \$50,000  
OAKLAND, Alameda County, Calif.  
Broadway.

One-story Class B store building  
(100x125-ft.) masonry walls, wood  
roof construction.  
Owner—Warner Bros., 6425 Holly-  
wood Blvd., Los Angeles.  
Architect—B. Marcus Priteca and S.  
E. Sonnichsen, 411 W. Seventh  
St., Los Angeles.  
Upon completion of plans, general  
contract bids will be taken in Oak-  
land.

**To Be Done By Day's Work**  
MARKET Cost, \$

LODI, San Joaquin Co., Calif.  
One-story public market building  
(pressed brick and tile exterior,  
wood roof trusses, concrete floors  
etc.).

Owner—John Krause, Lodi.  
Architect—Victor Galbraith, 221 East  
Acacia, Stockton.  
Bridg—Ray W. Sturm, 225 N. Locust  
St., Stockton.

**Preparing Working Drawings**  
STORE BLDG. Cost, \$12,000  
SAN FRANCISCO, Calif. Cole and  
Carl Sts.

One-story frame and stucco store  
building.  
Owner—Name Withheld.  
Architect—Jorgensen & Deichmann,  
associated architects, 321 Bush  
St.  
Bids will be asked in two or three  
weeks.

**Bid Opening Postponed Until Mar. 4.**  
ADDITION Cost, \$80,000  
OAKLAND, Alameda Co., Cal. 11th  
and Washington Streets.

Addition of one-story (23,000 sq. ft.)  
of reinforced concrete, Class C  
construction.

Owner—Hale Bros., Inc.  
Architect—Geo. T. deColmesnil, 111  
Sutter St., San Francisco.

Engineer—L. H. Nishkian, 525 Mar-  
ket St., San Francisco.

Divulder Construction Co., 210  
Crocker Bldg., is figuring plans and  
desires sub-bids on all portions of  
the work before 11 A. M., March 4

**Contract Awarded**  
STORE BLDG. Cost, \$10,000  
SAN FRANCISCO. NW Cor. Geneva  
and Paris Sts.

One-story Class C store and market  
building.

Owner — Dan Nickitopoulos, 716-A Natoma St.  
 Engineer—Clarkson and Swain, 320 Market.  
 Contractor—San Francisco Bldg. & Constr. Co., 2212 Polk St.

## 17— THEATRES

**Contract Awarded**  
**THEATRE** Cost, \$25,000  
 MARYVILLE, Yuba Co., Cal. 209-211 D Street.

Demolition of old theatre and construction of new Lyric Theatre with seating capacity of 360.

Owner—Edwin Atkins.  
 Architect—Not Given.  
 Contractor—Chell & Triplett, 1202 H Street.

**Plans Being Prepared**  
**THEATRE** Cost, \$.....  
 SHAFER, Kern Co., Calif.

Reinforced brick motion picture theatre (50x150-feet) steel trusses, seamed metal roof, air washer, concrete floor, etc.  
 Owner—Mr. Panero.  
 Architect—Franklin & Kump, Bak-ersfield.

**Plans Being Prepared**  
**ALTERATIONS** Cost, \$15,000  
 PITTSBURG, Contra Costa Co., Cal.  
 Remodeling theatre (decorating, plastering, carpentry work, beautifying lobby, new marquee, new tile floors, new men's toilets, new seating, new carpets, new electrical fixtures, etc.).

Owner—Withheld.  
 Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.  
 Plans will be completed in about ten days.

**CONTRACT AWARDED**  
 LOS ANGELES, Cal.—Wesco Construction Co., 2000 Hyperion Ave., awarded contract at \$52,000 for the erection of a reinforced concrete theatre, store and bank building on the northwest corner of Pico and La Cienega Blvds. for Pacific States Theatres, Inc. C. A. Balch, architect.

**Preparing Working Drawings**  
**THEATRE** Cost, \$150,000  
 WEST LOS ANGELES, Calif.  
 Reinforced concrete theatre (100x150 ft.), to seat 1,000; stucco facing, composition roofing, plate glass, marble and tile work, ornamental metal, air conditioning system, etc.

Owner—Fox West Coast Theaters Corp.  
 Architect—S. Charles Lee, 25 Taylor St., San Francisco.  
 General contract bids will be taken by the architect upon completion of the plans.

**Preparing Working Drawings**  
**THEATRE** Cost, \$150,000  
 SOUTH GATE, Los Angeles Co., Cal.  
 Long Beach Blvd.  
 Reinforced concrete theatre (125x150 ft.), to seat 1,000; stucco facing, composition roofing, plate glass, marble and tile work, ornamental metal, air conditioning system, etc.

Owner—Fox West Coast Theaters Corp.  
 Architect—S. Charles Lee, 25 Taylor St., San Francisco.  
 General contract bids will be taken by the architect upon completion of the plans

## 18— WHARVES & DOCKS

**SUB CONTRACT AWARDED**  
 REDWOOD CITY, San Mateo Co., Calif.—W. O. Tyson, Box 588, Redwood City, awarded sub contract

Healy-Tibbitts Construction Co. at approximately \$17,000, for construction of a timber transit shed, 100 x 120 ft., with corrugated iron sides and composition roof. General contract was awarded Healy-Tibbitts Constr. in January for construction of a 150-ft. timber transit shed at the Redwood City Harbor.

Mr. Tyson submitted low bid at \$30,008.50, for construction of facilities at the harbor, and has been awarded the contract by the Redwood City City Council, subject to PWA approval.

## 19—MISC. CONSTRUCTION

### BIDS WANTED

**BURBANK**, Los Angeles Co., Calif.—Until March 9, 7:30 p.m., bids will be received by H. I. Stites, city manager, 272 N. Olive Ave., Burbank, for furnishing, delivering and erecting structural steel substation racks, Spec. 116. Copies of the specifications may be obtained at the office of the public service department, 174 S. Magnolia Blvd., Burbank. The racks shall be erected at the substation site of Warner Bros. Pictures, Inc., West Coast Studios, 4000 S. Olive Ave., Burbank, and at the substation site of the department of public service, 174 S. Magnolia Blvd., Burbank. Certified check or draft for 10% must accompany each proposal.

**Contract Awarded**  
**MORTUARY** Cost, \$11,000  
 SAN JOSE, Santa Clara Co., Calif.  
 South Second St., near Keyes.

One-story stucco mortuary building, patio with fountain, balcony, indirect lighting, air conditioned.

Owner—John E. Dowdle.  
 Architect—Not Given.  
 Contractor—William Schwartz, 531 South 8th St., San Jose.

### BIDS WANTED

**ALAMEDA, CONTRA COSTA CO.**—Until March 10, 11 a. m. bids will be received by the Board of Directors of Joint Highway District No. 13 in the Board of Supervisors' Rooms, Alameda County Court House, & Hall of Records Bldg., 12th and Oak St., Oakland, under Schedule "F", for carbon monoxide detectors and recorders for the Broadway Low Level Tunnel.

Plans and Specifications obtainable from the office of District Engineer Wallace E. Boggs, 1448 Webster St., Oakland, upon deposit of \$50 of which amount \$40 will be returnable.

**Planned**  
**AIRPLANE PLANT** Cost, \$.....  
 SEATTLE, Wash. E Marginal Way  
 near Boeing Field.  
 Steel airplane assembly plant (300x200-feet).

Owner—Boeing Airplane Co., 200 W. Michigan St., Seattle.  
 Architect—Not Given.  
 Contractor—The Austin Co., Dexter-Horton Bldg., Seattle.

**Concrete Foundations Awarded**  
**SUB STATION** Cost, \$1,000,000  
 OAKLAND, Alameda Co., Calif. NE Cor. 1st and Grove Sts.  
 Steel and reinforced concrete sub station.

Owner—Pacific Gas & Electric Co. Plans by Engineering Department of Owner.

Barrett & Hilt, 918 Harrison St., San Francisco, at \$50,732, awarded contract for concrete foundations. Figures are now being received on the steel work.

**CONTRACT AWARDED**  
 SAN FRANCISCO—Havlisde Co., 56 Steuart St., at \$50 submitted low bid

and awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-189, for removing one steel spud 80-ft. long and 35-in. in diameter, weighing approx. 25 tons, from the spud-well of the U. S. Dredge Sacramento on Yerba Buena Shoals; taking one steel sheathed spud 65-ft. long and 34-in. diameter, weighing 19 tons, from a barge alongside the U. S. Dredge Sacramento and installing it in the spud-well of the Dredge Sacramento, which the 80-ft. spud has been removed, and transporting the 80-ft. spud to Rio Vista and placing it in the spud-well of the U. S. Dredge, Tualatin.

The other bids were:  
 Smith Rice Co., Inc., S. F. .... \$625  
 Pacific Dry Dock & Repair Co., Oakland. .... 860

### BIDS WANTED

**ALAMEDA, CONTRA COSTA CO.**—Until March 10, 11:30 a. m., as previously reported, bids will be received by the Board of Directors of Point Highway District No. 13, in the Board of Supervisors' Rooms, Alameda Co. Court House and Hall of Records Bldg., 12th and Oak St., Oakland under Schedule "H" for the construction of steel structures for the completion of the Broadway Low Level Tunnel.

The work involves 140,000 lbs. of light structural steel trusses and girders for installation at each end of the tunnel to support the louver system.

Plans and specifications obtainable from the office of District Engineer Wallace E. Boggs, 1448 Webster St., Oakland, upon deposit of \$50, of which amount \$40 will be returnable.

**Completing Plans**  
**ALTERATIONS** Cost, \$15,000  
 SANTA ROSA, Sonoma Co., Calif.  
 Alterations to the Fountain Grove Vineyard.

Owner—Fountain Grove Vineyard Co. Architect—Walter C. Clifford, 310 Locust St., San Francisco.  
 Work will be done by owner and will include painting, plumbing, carpentry, concrete work, roofing, etc.

### BIDS WANTED

**PORTLAND, Oregon.**—Until March 10, 3 p.m., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-343, for drydocking and repairing the U. S. seagoing hopper dredge Colonel P. S. Michle.

Specifications obtainable from the above office.

### BIDS WANTED

**SEATTLE, Wash.**—Until April 2, bids will be received by the City Council for furnishing and erecting galvanized steel transmission towers for Skagit Transmission Line No. 2, involving about 11,000,000 lbs. of galvanized fabricated structural steel, and for furnishing control and relay switchboards.

Plans and specifications obtainable from the office of the City Light Engineering Division, 253 City Light Bldg., J. D. Ross, City Lighting Superintendent.

### REVISION IN SPECIFICATIONS

**SAN BERNARDINO CO., Calif.**—Engineers for the Metropolitan Water District announce the revision of Specifications No. 196 for the construction of a 69-cv. transmission line. Bids to be opened at 10 a.m., March 9, at 306 W. Third St. The amendment consists of changing Items 24 and 25 to read 10 c.y. in lieu of 100 c.y., as previously announced.

**Plans Being Figured—Bids Close**

**March 12, P. M.**  
**NATATORIUM**—Cost, \$.....  
**SAN LUIS OBISPO**, San Luis Obispo County, Calif.

One-story reinforced concrete natatorium (swimming pool and locker rooms) tile and composition roofing, at California Polytechnic School.

Owner—State of California.  
 Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.

Separate bids will be taken on the following segregations:  
 (1) General Work;  
 (2) Electrical Work;  
 (3) Plumbing, Heating and Ventilating Work.

Plans and specifications obtainable from the above office upon deposit of \$25.00.

**Contract Awarded**  
**ALTERATIONS** Cost, \$.....  
**VALLEJO**, Solano Co., Cal. 524 Capitol Street.

Enlargement of Funeral Home. Owner—Chisholm & Dickey, 524 Capitol St., Vallejo.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Contractor—Robert B. Hathaway, 1201 Tennessee St., Vallejo.

**BIDS WANTED**

**ALCATRAZ**—Until March 9, 2 p. m., bids will be received by the Warden, U. S. Penitentiary, Alcatraz, to be opened in Room 407, Post Office Bldg., San Francisco, under Bid No. 916, for the raising of two steel tanks, weighing approximately 3½ tons each, size 23 ft. long by 3 ft. diam. from the ground to the 3d floor of Bldg. No. 86, approximately 34 ft. high, at the U. S. Penitentiary, Alcatraz Island.

Bidders may arrange to visit site by telephoning the Chief Clerk at ORDWAY 1437. Boats will leave the Fort Mason dock at 10 a. m., March 5.

Information obtainable from the above office.

Bids may be mailed to the Warden or delivered in person to the Post Office Building.

**Planned**  
**STOCK FEEDING PLANT** Cost, \$35,000

**SACRAMENTO**, Sacramento County, Cal. Tract adjacent to Spreckels Sugar refinery.

Eighty-acre stock feeding plant (corn and sheds, etc.)  
 Owner—C. Swanston & Son (Robert Swanston, Pres.), Haggin Grant, Sacramento.

**CONTRACT AWARDED**

**SAN FRANCISCO**, Calif.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at \$49,926, awarded contract for the Public Utilities Commission, City Hall, under S. F. Bay Exposition Contract No. 3, for furnishing and installing hydraulic hoisting equipment in connection with the ferry slips now being constructed on Yerba Buena Shoals.

**PROSPECTIVE BIDDERS**

**LOS ANGELES**, Cal.—Following is a revised list of contractors who are figuring the main station buildings to be constructed on the new union passenger terminal site in Los Angeles for the Santa Fe, Union Pacific and Southern Pacific railroads:  
 R. E. Campbell, 711 Central Bldg.; Barrett & Hill, 918 Harrison St., San Francisco; Clinton Const. Co., 1005 Spring-Arcade Bldg.; Lindgren and Swinerton, 605 W. Olympic Bldg.; Lynch-Cannon Engr. Co., 5658 Wilshire Blvd.; MacDonald and Kahn, Financial Center Bldg., San Francisco; Robt. E. McKee, Central Bldg. J. V. McNeil Co., 6850 Avalon Blvd.; Wm. P. Neil, 4814 Loma Vista St.;

Pozzo Const. Co., 2403 Riverside Dr.; Wm. Simpson Const. Co., 816 West Fifth St.; Ford J. Twaits Co., 816 W. Fifth St.; P. J. Walker Co., 3900 Whiteside Ave. A previously reported, the bids are to be submitted on or before 11 A. M., March 15. The mechanical and electrical work are not included in the general contract.

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**  
**LOS ANGELES**—Bids for furnishing switches under Spec. No. 2199, were opened by D. P. Nicklin, Los Angeles Water & Power Bureau Purchasing Agent, February 23rd. The items were:

- (1) 4 groups 132-kv., 600-ampere, outdoor type, disconnecting switches complete with insulators; alternate, without insulators;
- (2) 2 only 132-kv., 600-ampere, 3-pole outdoor type disconnecting switches complete with insulators; alternate, without insulators.

F. O. H. E. 24th St. and Velasco St., Los Angeles. The bids were:

Electrical Engineers Equipment Co.—(1) \$4158, (1-alt.) \$3294, (2) \$1886.50, (2-alt.) \$1454.50.

Pacific Electric Mfg. Co.—(1) \$4158, (1-alt.) \$3294, (2) \$1886.50, (2-alt.) \$1454.50.

General Electric Co.—(1) \$4114, (1-alt.) \$3250, (2) \$1799, (2-alt.) \$1367.  
 Delta Star Electric Co.—(1) \$4158, (1-alt.) \$3294, (2) \$1886.50, (2-alt.) \$1454.50.

Railway & Industrial Engr. Co.—(1) \$4158, (1-alt.) \$3294, (2) \$1886.50, (2-alt.) \$1454.50.

Bowie Switch Co.—(1) \$4158, (1-alt.) \$3294, (2) \$1886.50, (2-alt.) \$1454.50.

All terms, net.

**LOS ANGELES**—General Electric Co. submitted the only bid to D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, February 23, at \$147.50 each for 2 outdoor type 115-kv. base mounted combined coupling capacitors and potential devices (deduct \$27.50 each for omission of tests) and at \$1290 each for 2 outdoor type 138-kv. same (deduct \$55 each for omission of tests). Spec. No. 2201.

**CONTRACT AWARDED**

**SAN DIEGO**, Cal.—California Portland Cement Co., Los Angeles, was awarded contract by the Supply Officer, 11th Naval District, San Diego, at 53c sack for furnishing 43,000 sacks of portland cement. The award was made at a public drawing because five bids were identical. They were: California Portland Cement Co., Riverside Cement Co., Monolith Portland Cement Co., Southwestern Portland Cement Co. and Grabam Brothers.

J. S. Schirm Co. and H. G. Fenton Material Co. each submitted a bid of 55.5c sack.

**CONTRACTS AWARDED**

**LOS ANGELES**, Calif.—Contracts for furnishing materials for the San Jose Headquarters Building, including Oil and Gas House, were awarded to the County Supervisors Feb. 23. The awards were:

Prop. A, Masonry Materials—to Coast Materials & Lumber Co., at \$223.

Prop. B, Structural Steel, Miscellaneous Iron and Metal Materials—to San Dimas Lumber Co., at \$95.68.

Prop. C, Sheet Metal Materials—to Main Cornice Works, at \$743.

Prop. 4, Lumber to San Dimas Lumber Co., at \$102.26.

Prop. E, Sash Doors and Millwork to San Dimas Lumber Co., at \$102.24.

Prop. F, Finish Hardware—to the Builders' Hardware & Supply Co., at \$319.

Prop. H, Composition Roofing Materials—to Patten-Bhinn Lumber Co. at \$254.13 (last b and c combined).

Prop. J, Floor and Wall Tile Materials—no bids.

Prop. K, Furring—to Underwood Co. Ltd., Pomona, at \$99.42.

Prop. L, Paint Materials—to W. P. Fuller & Co. at \$239.06.

Prop. M, Plumbing Fixtures and Materials—to California Pipe & Supply Co., at \$623.08.

Prop. P, Shades—to Calif. Window Shade Co., at \$35.50.

Prop. Q, Miscellaneous Tools and Hardware—to Calif. Hardware Co., at \$117.24.

**CONTRACT AWARDED**

**SAN FRANCISCO**—California Concrete Products Co., 1001 66th Ave., Oakland, at \$1,922.15, awarded contract by T. E. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1739, for furnishing and delivering 156 ft. 24-in. and 360 ft. 33-in. extra heavy concrete sewer pipe for the WPA.

**Bid Opened**

**SAN FRANCISCO**—West Coast Linoleum & Carpet Store, 2703 Mission St., at \$164, submitted only bid to the Department of Public Works, Room 251, City Hall, for removing present Mastic tile and furnishing and installing approximately 80 yds. of 3/16 green Jaste linoleum in all halls at Central Emergency Hospital. (1938) 1st report March 1, 1937.

**CONTRACT AWARDED**

**OAKLAND**, Calif.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at \$9,989 awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary under Spec. No. L. 188, for furnishing 720 gate valves.

**BIDS OPENED**

**ALL-AMERICAN CANAL**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 88-D fer furnishing the following materials for installation in the main and basin control houses of the desilting works at the Imperial Dam, All-American Canal System, Boulder Canyon Project:

- (1) Three steel-sash windows.
  - (2) (Alt. to 1) Three steel-sash windows.
  - (3) Four aluminum metal-sash windows.
  - (4) Nine hollow steel swing doors and three steel louvers;
  - (5) Two hollow aluminum swing doors and two aluminum louvers.
- Security Products Co., St. Louis; (1) \$769; job Yuma; delivery, 30 days, discount, 1%.
- Soule Steel Co., Los Angeles; (1) \$765; job Yuma; delivery, sixty days; net.

Truscon Steel Co., Denver; (2) \$516; job Youngstown, Ohio and Denver, Colo.; delivery, 120 days; net.

The Kayneer Co., Niles, Mich.; (3) \$90; job Niles; delivery, 120 days; net.

Newman Bros., Inc., Cincinnati; (3) \$119; (5) \$1269; job Cincinnati; delivery, 90 days; discount 1%.

General Bronze Corp., Long Island City, N. Y.; (3) \$1,030; (5) \$1,189; job Long Island City; delivery, 120 days; net.

A J Bayer Co., Los Angeles; (3) \$1,530; (4) \$1,510; (5) \$1,200; job Los Angeles; delivery 120 days; net.

Metal Door & Trim Co., La Brea, Ind.; (4) \$960; job La Brea; delivery 120 days; 1% discount.

## LOW BIDDER

ONTARIO, Los Angeles Co., Calif. —Stockwell & Binney submitted low bid to U. S. Treasury Dept., Procurement Division, Los Angeles, Feb. 26, at \$24 each (total \$48), for furnishing 2 steel vault doors and frames, f.o.b. City Hall, Ontario, under Invit. No. 22314. The other bids were:

Southern California Safe Co., \$460; Shealy Safe Co., \$540; Mosler Safe Co., \$540. All terms net.

## LOW BIDDER

LOS ANGELES, Calif. — Truscon Steel Co., 5480 E. Slauson Ave., submitted low bid to U. S. Treasury Department, Procurement Office, Los Angeles, Feb. 26, at \$421, for furnishing 124 steel windows, f.o.b. 1880 N. Hollywood. Other bids were:

Soule Steel Co., \$4134; Detroit Steel Products Co., \$4275; Coast Engineering & Equipment Co., \$4485.76. Invit. No. 21768.

## CONTRACT AWARDED

SALT RIVER PROJ., Ariz.—Chicago Bridge & Iron Co., Chicago, at \$7,350 fob Birmingham, Ala., awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 865-D, for furnishing two 72-in. diameter welded plate steel outlet pipes for installation in the Bartlett Dam, Salt River Project, Ariz.

## BIDS OPENED

SAN FRANCISCO.—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1006, for furnishing two 6-hole combination flame gas and coal and wood-burning ranges, f.o.b. bidder's shipping point and/or Porterville.

James Graham Mfg. Co., S. F.—\$147.06; \$153.08; f.o.b. Porterville.

John H. C. S. F.—\$178. f.o.b. S. F.; \$184. fob Porterville.

Hammer-Bray Co., S. F.—\$153, f.o.b. S. F.; \$159.60, f.o.b. Porterville.

Awaiting PWA Approval  
FURNITURE, ETC. Cost, \$56,674

EUREKA, Humboldt Co., Calif. —Furnishing and payment for the Eureka Municipal Auditorium. Owner—City of Eureka (A. Walter Kildale, city clerk). Architect—Frank T. Georgeson, P. O. Box 55, Eureka.

Upon approval of plans by PWA bids will be asked.

## BIDS OPENED

SAN FRANCISCO.—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 997, for furnishing one electric motor-powered mechanical lift of 7,500 lbs. working capacity:

Colyear Motor Sales, S. F.—\$306.

Colyear Motor Sales, Oakland—\$339.85.

Chanslor & Lyon Stores, Inc., S. F.—\$320.

Shields Harper & Co., Inc., Oakland—\$365.

All bids f.o.b. Government Island.

## BIDS OPENED

PARKER, Ariz.—Bids for furnishing 24,660 sq. ft. Redwood f.o.b. bidder's shipping point and/or Parker, Ariz., for Federal Project No. 263, Inv. No. 0375, opened by the U. S. Indian Irrigation Service, February 23, were:

Dolbear & Carson Lumber Co.—\$1018; discount, 2% 10 days; f.o.b. Eureka.

Hobbs-Wall & Co.—\$961.20; discount, 2% 30 days; f.o.b. Arcata.

Hammond Redwood Lumber Co.—\$1018, discount, 2% 10 days; f.o.b. Samoa. Alternate bid, \$1426.50 f.o.b. Parker; deduct \$408.50 freight.

Pacific Lumber Co.—\$1017.98; discount, 2% 10 days; f.o.b. Samoa.

## AWARD RECOMMENDED

SOUTH GATE, Los Angeles Co., Calif.—U. S. Pipe & Foundry Co., 417 S. Hill St., Los Angeles, submitted the low bid to the South Gate city council, February 19, at prices shown below, for furnishing class 150 B&S cast-iron pipe, as follows:

- (1) 2320 ft. 12-in.;
- (2) 1830 ft. 10-in.;
- (3) 4260 ft. 8-in.;
- (4) 9905 ft. 6-in.;
- (5) 4955 ft. 4-in.

Guy Nevill, city engineer, has recommended to the council that the contract be awarded to the U. S. Pipe & Foundry Co.

The complete bids were:

	(1)	(2)	(3)	(4)	(5)
U. S. Pipe & Fdy. Co.	\$1.78	\$1.40	\$1.04	\$69	\$46
Amer. C. I.					
Pipe Co.	1.80	1.425	1.051	708	465
Natl. C. I.					
Pipe Co.	1.82	1.43	1.05	71	47
Pac. St. C. I.					
Pipe Co.	1.85	1.45	1.07	72	48
Florence Pipe & Fdy. Co.	1.86	1.465	1.035	72	495

## BIDS OPENED

LOS ANGELES.—Bids for furnishing structural steel towers were opened by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, under Spec. No. 2241.

The items were:

- (1a) 2 towers, type CF-90 degrees, 86 ft. h.; f.o.b. bidder's shipping point.
- (1b) 2 same, f.o.b. 1520 Velasco St.
- (2a) 1 type BF, 65-ft., f.o.b. bidder's shipping point.
- (2b) 1 tower, same, f.o.b. 1520 Velasco St.

Complete bids follow:

Los Angeles Derrick Equipment Co.—(1a) with bolts, \$1954; without bolts, \$1797; (1b) with bolts, \$1968; without bolts, \$1811.50; (2a) with bolts, \$1489; without bolts, \$1375; (2b) with bolts, \$1500; without bolts, \$1385; net.

Western Pipe & Steel Co.—(1a) with bolts, \$1858; without bolts, deduct \$165; (1b) with bolts, \$1887; without bolts, deduct \$165; (2a) with bolts, \$1525; without bolts, deduct \$155; (2b) with bolts, \$1547; without bolts deduct \$155; net.

International Derrick Co.—(1a) with bolts, \$3502; without bolts, \$3160; (1b) with bolts, \$3,538.75; without bolts, \$3195.50; (2a) with bolts, \$1395; without bolts, \$1216; (2b) with bolts, \$1410; without bolts, \$1229; discount, 1/2, 20 days.

Consolidated Steel Corp.—(1a) with bolts, \$2200; without bolts, \$2020; (1b) with bolts, \$2216; without bolts, \$2035; (2a) with bolts, \$1699; without bolts, \$1540; (2b) with bolts, \$1710; without bolts, \$1560; net.

## BIDS OPENED

LOS ANGELES.—Bids for furnishing 4 only 115-kv. 300/600 to 5 amperes, oil filled outdoor type current transformers for use on a 110-kv. 60-cycle system f.o.b. 1520 Velasco St., were opened by D. P. Nicklin, purchasing agent of the L. A. Water & Power Bureau, Feb. 23, under Spec. No. 2200. The bids were:

Allis-Chalmers Mfg. Co., \$1639 each  
General Electric Co., \$1652 each  
Westinghouse Elec. & Mfg. Co., \$1660 each.

## BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 5419, for furnishing 26 screens of No 9 gauge diamond 1/4-in. mesh enclosed in channel iron, f.o.b. 11th & Bryant Streets.

Eureka Iron & Wire Works—\$4.05, delivery in 12 days.

West Coast Iron & Wire Works—\$6, delivery in 10 days.  
California Perforating Screen Co.—\$6.15, delivery in 10 days.

## BIDS OPENED

SAN FRANCISCO.—California Concrete Products Co., 1001 66th Ave., Oakland, at \$1,962.15, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1739, for furnishing and delivering (1) 186 ft. 24-in., and (2) 360 ft. 33-in. extra heavy concrete sewer pipe for the WPA.

Complete bids follow:  
California Concrete Products Company, Oakland: (1) \$2.50; (2) \$4; total, \$1,962.15.  
American Concrete & Steel Pipe Co., Oakland: (1) \$3.63; (2) \$5.69; total, \$2,805.29.

## BIDS OPENED

OAKLAND, Calif.—American Cast Iron Pipe & Foundry Co., 2142, San Francisco, at \$13,855.75 submitted the low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. L.S. 189, for furnishing 3,830 cast iron bell and spigot water pipe fittings, sizes 4- to 12-in. dia., as follows:

- (1) Elbows;
- (2) Tees and crosses;
- (3) Sleeves, nipples, plugs, etc.;
- (4) Reducers, covers, etc.

Complete bids follow:  
American Cast Iron Pipe Co., San Francisco: (1) \$2,507.40; (2) \$5,386.85; (3) \$2,009.15; (4) \$3,952.35; total, \$13,855.75.

Grinnell Co. of the Pacific, San Francisco: (1) \$2,220; (2) \$4,734.30; (3) \$2,347.35; (4) \$4,342.30; total, \$13,484.95.

Pacific States Cast Iron Pipe Co., San Francisco: (1) \$2,351.15; (2) \$5,570.15; (3) \$2,017.95; (4) \$4,998.25; total, \$14,937.50.

Phoenix Iron Works, Oakland: (1) \$2,598.85; (2) \$5,730.15; (3) \$2,297.45; (4) \$5,822; total, \$16,448.45.

Santa Fe Foundry: (1) \$2,881.25; (2) \$6,808.30; (3) \$3,046; (4) \$5,144.50; total, \$17,880.05.

Bids held under advisement. 20

## CONTRACT AWARDED

SAN FRANCISCO.—Max Rosenberg, 58 Merin St., at \$10,352 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1738, for furnishing (1) 1,650 c.y. red rock, and (2) 40 c.y. red rock screenings for Vicente Square (WPA).

Complete bids follow:  
Max Rosenberg—(1) \$0.56; (2) \$1.50 total, \$1,013.52.

Piombo Bros.—(1) \$0.64; (2) \$2; total, \$1,136.

Richmond Const. Co.—(1) \$0.67; (2) \$0.90; total, \$1,175.73.

Chas. L. Harney—(1) \$0.85; (2) \$3 total, \$1,526.98; discount, 2% 30 days.

## BIDS OPENED

BREMERTON, Wash.—Wisconsin Bridge & Iron Co., submitted the low bid to Supply Officer, Puget Sound Navy Yard, Bremerton, Feb. 23, at \$4 per cwt. fob Milwaukee, Wis., for furnishing 2,000,000 lbs. of structural steel complete, consisting of columns, column base plates, trusses, girders, girts, window and door sections, clip, brace and sag rods, rivets, etc., with necessary field rivets for the Naval Air Station, Seattle. The materials will be erected by the government. Req. No. 164-ERN.

Bethlehem Fabricators, Inc., bid \$4.40 per cwt., fob Bethlehem, Pa.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, System	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

## CONTRACT AWARDED

**ALL-AMERICAN CANAL**—Lewis Chambers Constr. Co., 801 Baroque Bldg., San Francisco (headquarters at Hotel DeAnza, 233 4th St., Calexico), at \$74,258, awarded contract by the Bureau of Reclamation, Federal Bldg., Yuma, R. E. Williams, Construction Engineer, under Spec. No. 717, for the construction of highway bridges, All-American Canal, Station 1635 to 1930, Boulder Canyon Project.

## BIDS OPENED

**KERN CO., Calif.**—Following bids received by P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1002, for furnishing one 30-ft. structural steel beam span for the Brush Creek Bridge, f.o.b. bidder's shipping point and/or Bakersfield:

Schradler Iron Works, S. F.—\$995, f.o.b. S. F., weight, 12,000 lbs.

Bethlehem Steel Co., S. F.—\$730, f.o.b. Alameda; weight, 12,500 lbs.

Minneapolis Moline Power & Implement Co., L. A.—\$586, f.o.b. Minneapolis; weight, 11,500 lbs.

Herrick Iron Works, Oakland—\$751, f.o.b. Oakland; weight, 12,200 lbs.; discount,  $\frac{1}{2}$ % 10 days.

Judson Pacific Co., S. F.—\$544, f.o.b. S. F.; weight, 12,200 lbs.

Golden Gate Iron Works, S. F.—\$577, f.o.b. S. F.; weight, 13,000 lbs.;  $\frac{1}{2}$ % 10 days.

Independent Iron Works, Oakland—\$689, f.o.b. Oakland; \$777, f.o.b. Bakersfield; weight, 13,000 lbs.; discount,  $\frac{1}{2}$ % 10 days.

## BIDS WANTED

**LOS ANGELES COUNTY, Cal.**—Until March 25, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the reconstruction and widening of a reinforced concrete girder bridge across north branch of the Big Tujunga Wash, consisting of twelve spans each approximately 54 ft. in length, and for the construction of a reinforced concrete girder bridge across the south branch of Big Tujunga Wash, consisting of three 55 ft. spans and two 18 ft. end cantilevers.

The work involves:

- (1) 1,740 l.f. concrete railing to be removed;
- (2) 1,300 c.y. existing concrete to be removed;
- (3) 2,100 c.y. struc. excav.;
- (4) 500 tons asphalt concrete;
- (5) 635,000 lbs. bar reinf. steel;
- (6) 200 each clinch anchors (type A);
- (7) 800 each do (type B);
- (8) 3,580 c.y. Class A Portland cement concrete (struc.);
- (9) 78 c.y. Class A do (railing);

(10) 42 MFBM timber (detour);

(11) 16,000 lbs. cast steel rockers and bearings;

(12) 1,000 c.y. riprap;

(13) 20 c.y. Class A Portland cement concrete (slope paving);

(14) 350 l.f. bank protection fence;

(15) 1 lot lighting equipment;

(16) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

## BIDS WANTED

**SAN LUIS OBISPO CO., Calif.**—Until March 17, 2 p.m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for widening a bridge across Santa Margarita Creek, about 13 mi. north of San Luis Obispo.

Plans and specifications obtainable from the above office.

## CONTRACT AWARDED

**PLACER CO., Calif.**—Harold A. Best, Lincoln, at \$7,450 (concrete floor), submitted low bid and awarded contract by the Placer County Board of Supervisors, A. S. Fleming, Clerk, Court House, Auburn, for the construction of a 70-ft. steel bridge on steel pile foundations with concrete or wood floor. The structure will have a 21-ft. roadway and 4-ft. sidewalk, and will be on Douglas St. adjacent to the City of Douglas.

Bids were taken as follows:

(1) Bridge complete, with concrete floor;

(2) Deduct if wood floor is constructed in lieu of concrete.

Complete bids follow:

Harold A. Best, Lincoln—(1) \$7,450; (2) \$500.

Lord & Bishop, Sacramento—(1) \$8,600; (2) \$1100.

John C. O'Leary, San Francisco—(1) \$5,670; (2) \$679.

E. W. Peterson, San Francisco—(1) \$8,800; (2) \$500.

F. O. Bennett, San Jose—(1) \$10,750; (2) \$750.

W. E. Emmett, Sharon Bldg., San Francisco, engineer.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Thomas O'Brien, 1354 Funston Ave., at \$9,385 per c.y., total \$61,690, awarded contract by the Public Utilities Commission, City Hall, under Airport Department Contract No. 39, for constructing an earth and rock fill levee

or seawall and breakwater at the San Francisco Airport, involving 160,000 c.y. of material.

## AWARD RECOMMENDED

**SAN DIEGO**—Newport Dredging Co., Wilmington, submitted the low bid and was recommended for award of contract by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, Feb. 23rd, at \$0.40 c.y., for dredging at the Naval Operating Base (Fuel Depot), San Diego; Spec. 8303. The work consists of the dredging of areas in the vicinity of the piers at the Naval Fuel Depot. The amount to be dredged, including allowable over-depth, is 32,000 c.y., more or less. Standard Dredging Co., Los Angeles, submitted the only other bid at \$0.4285 c.y.

## BIDS WANTED

**RICHMOND, Contra Costa Co., Cal.**—Until March 15, 8 p.m., bids will be received by the Richmond City Council, A. C. Faris, City Clerk, City Hall, for dredging a turning basin in front of Municipal Wharf No. 1, in Richmond Outer Harbor.

The work will involve dredging approximately 123,500 c.y. of material.

Plans and specifications obtainable from the office of City Engineer E. A. Hoffman, upon deposit of \$300.

## CONTRACT AWARDED

**SAN DIEGO**—Newport Dredging Co., Wilmington, at \$0.40 per c.y., awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8303, for dredging approximately 32,000 c.y. of materials at the Naval Operating Base (Fuel Depot), San Diego, in the vicinity of the piers.

## AWARD RECOMMENDED

**SAN DIEGO, Cal.**—Chas. and F. W. Steffen, 2015 Bay Front St., San Diego, at \$16,259 submitted low bid for the Public Works Officer, 11th Naval District, San Diego, for constructing a timber seaplane runway at the Naval Operating Base (Air Station) San Diego. Spec. 8417.

The Public Works Officer recommended that the contract be awarded to the low bidder.

The work consists in general of the provision of materials for and the construction of an inclined creosoted timber seaplane runway 40 feet wide extending outboard over and into the water, a distance of approximately 170 feet and a section of concrete bulkhead wall approximately 65 feet long. The work on the runway includes creosoted timber piles supporting creosoted timber caps, stringers, deck planking guard rails, etc., all secured together and to the timber piles with galvanized straps, bolts, spikes and miscellaneous iron work. The work on the bulkhead wall includes untreated timber piles for foundation and concrete materials for superstructure.

The other bids were:

Shannahan Bros. Inc., Los Angeles—\$17,215.

V. R. Dennis Const. Co., San Diego \$17,400.

M. H. Golden, San Diego, \$17,649.

Lipscomb & Barclay, San Diego, \$17,757.56.

B. C. Carroll, San Diego, \$17,859.

San Francisco Bridge Co., \$19,000.

Hanson, Howard & Shaffer, Inc., Los Angeles, \$29,622.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

## 25—MACHINERY AND EQUIPMENT

### BIDS OPENED

**SAN FRANCISCO**—Following bids received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3435, for the rental of one sectional material tower, approximately 60 ft., equipped with hoisting cage, tower bucket, receiving hopper, etc., for use on WPA projects, fob Zoological Gardens, Sunset near Skyline Blvd., San Francisco:

Edward R. Bacon Co., San Francisco, \$135 per month.  
Adam Arras, San Francisco, \$125 per month; \$75 additional for tower erection.

### BIDS RETURNED UNOPENED

**FOHT MASON, Cal.**—The office of constructing Quartermaster, Ft. Mason, has returned unopened all bids received under Bid No. W 6616-37-65, for furnishing one gasoline roller, 3-wheel, and one standard scarifier.

Alternate bids will be accepted on both pieces of equipment for 6-7 or 8-ton capacity.

Delivery fob San Francisco National Cemetery, Presidio of S. F.

Bids were to have been opened February 25. Bids will be readvertised shortly.

### BIDS OPENED

**SAN FRANCISCO**—Leitch & Co., 939 Howard St., at \$106.20 per month submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3434, for the rental of one air compressor, 105 cu. ft. actual delivery, gasoline-driven, for use on WPA projects, fob Zoological Gardens, Sunset and Skyline Blvds., San Francisco.

Complete bids follow:	
Leitch & Co., S. F.	\$106.20
Machinery & Drill Steel Co., San Francisco	120.00
Western Mch. Co., S. F.	130.00
Sam Bates, Oakland	135.00
W. H. Cowan, S. F.	146.90
Calif. Tractor & Equipmt' Co., Stockton	249.00

### BIDS OPENED

**SAN FRANCISCO**—C. F. Bulotti Machinery Co., 829 Polson St. at \$290.47, f. o. b. San Francisco, submitted low bid to P. C. Brown, Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 993, for furnishing one upright drill press, complete with electric motor and controls.

The other bids were:

Harron, Rickard & McCone, San Francisco—\$308, f. o. b. Chicago Heights, Illinois.
Kennedy Auto Mfg. Co., San Francisco—\$348, f.o.b. Chicago Hghts, Illinois.
Moore Machinery Co., San Francisco—\$359, f.o.b. Buffalo.

### CONTRACT AWARDED

**BONNEVILLE, Ore.**—Westinghouse Electric & Mfg. Co., North Pittsburgh, at \$141.11, fob Bonneville, awarded contract by the U. S. Engineer Office, Second Portland District, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-4 control equipment for the operation lock at the Bonneville Dam.

### BIDS OPENED

**BONNEVILLE, Ore.**—Following bids received by the U. S. Engineer Office, Second Portland District, 827 Pittock Bldg., Portland, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 694-37-256, for furnishing ten oil circuit breakers

for installation in the Bonneville Project, as follows:

Alternate "A"—Delivery fob cars at factory shipping points for shipment under Government bills of lading to be furnished by the Government;

(1) Lump sum, 10 oil circuit breakers, 600 amps, 115 kv., 1,500,000-kv-a, TPST outdoor type, without oil but with equipment, spare parts and accessories;

Alternate "B"—Delivery fob cars at Bonneville;

(1) Same as above.  
General Electric Co., 1 River Road, Schenectady: (A) \$167,980; fob Philadelphia; (B) \$172,380.

Pacific Electric Mfg. Corp., 5815 Third St., San Francisco: (A) \$164,530, fob San Francisco; (B) \$168,830, Westinghouse Electric & Mfg. Co., East Pittsburgh: (A) \$160,000, fob East Pittsburgh; (B) \$164,200.

Allis-Chalmers Mfg. Co., Milwaukee: (A) \$162,250, fob Boston; (B) \$166,650.

### BIDS OPENED

**SACRAMENTO, Calif.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-163, for furnishing and operating one portable air compressor, for use at the North Fork Dam site, about ten miles northeast of Auburn, for 400 hours: Leitch & Co., San Francisco: \$2.08 per hour; total, \$832.

P. E. Hackley Equipment Co., San Francisco: \$195 per calendar month.  
Sam Bates Co., Oakland: \$1.84 per hour; total, \$736; delivery fob job site.

C. A. Baker, North Sacramento: \$2 per hour; total, \$800.

Machinery & Drill Steel Co., San Francisco: \$1.95 per hour; total, \$780.

Rix Co., San Francisco: \$1.64 per hour; total \$656.00; delivery in two days.

Western Machinery Co., Sacramento: (a) with operator, but without starter; (b) with operator and with electric starter, 20 hours at \$18 per month: (a) \$1.24; (b) \$1.80; 160 to 199 hours per month; (a) \$1.55; (b) \$2.25; 140 to 159 hours per month: (a) \$1.77; (b) \$2.57; 120 to 139 hours per month, (a) \$2.15; (b) \$3; 0 to 119 hours per month, (a) \$2.48 (b) \$3.

Bids held under advisement.

### BIDS OPENED

**SAN FRANCISCO**—H. F. Harlan, 225 Hyde St., San Francisco, at \$4.43 per hour submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3463, for the rental of one 60-hp. tractor, gasoline or diesel driven, equipped with bulldozer, for use on WPA projects, fob Outer Harbor Terminal Oakland.

Complete bids follow:	
H. F. Harlan, S. F.	\$4.43
C. L. Jordan, Belmont	4.74
Peter J. McHugh, S. F.	4.79
Industrial Equip. Co., Oakland	4.85
Guerin Bros., S. F.	5.25
Eaton & Smith, S. F.	5.40
J. Catucci, Oakland	5.50
Chas. L. Harney, S. F.	5.75
R. A. Farish, S. F.	6.50

All bids met.

### NO BIDS RECEIVED

**SAN FRANCISCO**—No bids were received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 698-37-173, for the rental of one convertible dragline, 1½-cy. capacity, gas or diesel powered, equipped with a boom not less than 50 feet long, for approximately 80 hours, for use at Fort Funston.

## 26—RAILROADS

### CONTRACT AWARDED

**ALAMEDA CO., Calif.**—Bates & Rogers Constr. Co., 532 Russ Bldg., San Francisco, at \$84,802.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of the East Bay Yard substructure of the railway facilities of the San Francisco-Oakland Bay Bridge.

### CONTRACT AWARDED

**SAN FRANCISCO**—General Railway & Signal Co., Peoples Gas Bldg., Chicago (E. W. Stone, 315 Park View Terrace, Oakland, local representative), at \$1,347,000, awarded contract by the State Department of Public Works, San Francisco Bay Bridge Division, C. H. Purcell, Chief Engineer, San Francisco, for constructing the railway signal and interlocking work of the San Francisco-Oakland Bay Bridge.

The work includes an interlocking plant in San Francisco, an interlocking plant located on the Key System mole in Oakland. The work also includes track circuits with their required line control and power distribution for the operation of cab signals and automatic train control. Track circuit area extends continuously from the San Francisco terminus of the bridge railway to a point on the Key System tracks approximately 2500 feet west of the Southern Pacific Company right-of-way. The track circuit area also extends eastward along the proposed bridge railway-Southern Pacific connection to a point approximately seven hundred and fifty feet west of the intersection of Twenty-sixth and Thirty-second streets in Oakland.

## 29—STREETS AND HIGHWAYS

### BIDS OPENED

**SANTA PAULA, Ventura Co., Cal.**—Fillmore Concrete Pipe Wks, Fillmore, at \$6,959.51 submitted low bid to the Santa Paula City Council for improving W Main St. between Foot-hill Road and Steckel Drive, Foot-hill Rd. from West Main St. to Harvard St., Riverside Drive from Ventura St. to Willard Bridge, and Steckel Drive from Main St. to Harvard St., at the West Main St. entrance to the city, including resurfacing and the construction of a concrete retaining wall on Steckel Drive. Plans and specifications were prepared by Gerald Bennett, City Engineer, City Hall, Santa Paula. The city engineer recommended that the contract be awarded to the low bidder and the bids were referred to the state highway department for approval.

The total bids were:

(A) Fillmore Concrete Pipe Works,	\$6,959.51
(B) Southwest Paving Co., Roscoe,	\$7,656.65
(C) Kovacevich & Price, Inc., South Gate,	\$7,932.50

### BIDS WANTED

**NAVAJO COUNTY, Ariz.**—Until March 19, 2 P. M., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, for highway construction on the Holbrook-St. Johns Highway, F. A. 42, 1st Rep. (1937) AFE 2660. The work, most of which extends from a point about 5½ miles southeast of Holbrook southeasterly for a distance of about 10½ miles, consists of grading, fencing and oil processing (90-95 road oil plant mix) and is to be completed on or before Sept. 15, 1937.

The principal items are: 9,800 cu. roadway excav;



**TO ASK BIDS SHORTLY**

PHOENIX, Ariz.—Jas. B. Girand, city engineer, Phoenix, has issued the following statement with reference to the proposed PWA street improvement:

The City of Phoenix on Feb. 16 initiated proposals for a street paving project to be financed under the PWA. The estimated construction cost of this project is \$112,398.69. The total cost of the project will be \$135,877.30.

A 45% PWA grant has been allocated. The balance of 55% of the cost of the project will be paid by improvement act bonds issued under Chapter XII, Article 16, Arizona revised code of 1928. Following are the principal quantities involved in this work:

- 40,112 sq. yds. plant mix oil processed pavement, 3-in. thick. Spec. 363;
- 40,112 sq. yds. aggregate base, 6-in. thick;
- 40,112 sq. yds. grading under pavement;
- 1,460 sq. yds. portland cement concrete pavement, 6-in. thick. Spec. 363;
- 1,460 sq. yds. grading under concrete pavement;
- 10,065 sq. yds. parkway grading;
- 17,620 cu. ft. cement concrete sidewalk, 4-in. thick. Spec. 363;
- 25,939 l.f. comb. curb and gutter, Det. E-1;
- 441 l.f. single curb, Det. F-1;
- 10 l.f. single gutter, Det. G;
- 1,082 l.f. valley gutter, Det. Z;
- 330 l.f. 12-in. concrete pipe (plain)
- 80 l.f. 12-in. concrete pipe (en-cased), Det. D;
- 162 l.f. 30-in. reinf. conc. pipe;
- 2 each, gutter inlets, Det. Q-3;
- 15 ea. monument covers, Det. K;
- 9 ea. street signs, Det. P;
- 2 each manholes, Det. J;
- 9 ea. adjusting manhole covers
- 6 ea. conc. headwalls, Det. D.

This job is a combination of two projects which had been previously advertised for bids. Upon receiving bids it was found that the prices were too high, so the two separate jobs were combined in an effort to attract more bidders, reduce the overhead costs and secure lower prices.

The resolution of intention of this project was adopted February 16. A call for bids will be made about March 16 and bids will be opened about April 6, 1937.

It should be noted that the time allowed between the call for bids and the opening is only two weeks, so contractors who are interested in bidding should investigate the project before the call for bids. It is necessary that the contractors develop their own market for the improvement act bonds as the provisions of the contract are that the contractor shall accept the improvement act bonds in payment of the 55% portion of the contract cost.

Detailed information as to the project, both as to the construction details, plans and specifications, as well as information pertinent to the sale of the bonds, can be secured from the city engineer, City Hall, City of Phoenix.

This \$138,877.30 project is the first unit of a city-wide paving program to be financed under the PWA. The total amount of work contemplated will be approximately \$1,500,000.

**BID OPENING DATE ADVANCED**

LOS ANGELES COUNTY, Cal.—Until March 10, 10 A. M. (date advanced from March 17, previously reported) bids will be received by the Los Angeles Board of Public Works, City Hall, for grading, paving and otherwise improving Vignes Street between 130 ft. north of Baughst St. and Clara St. 9

**LINCOLN CO., NEV.—14.32 Mi. Highway Construct'n—State**

LINCOLN CO., Nev.—C. F. Frederickson & Son, Lower Lake, at \$237,968.69, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Lincoln County, from a point approximately 0.5 mi. north of Caliente to a point approximately one mile north of Panaca Junction, Route 7, Section C, a length of approximately 14.32 miles.

- The work involves:
- (1) 43,966 l.f. remove fence;
  - (2) 456 l.f. remove culvert pipe;
  - (3) 32 each, remove culvert headwalls;
  - (4) 187,400 c.y. roadway excav.;
  - (5) 660,609 sta. yds. overhaul;
  - (6) 50,300 c.y. imported borrow;
  - (7) 2,040 c.y. struct. excav.;
  - (8) 14.28 mi. subgrade;
  - (9) 14.32 mi. finish roadway;
  - (10) 91,000 tons select base;
  - (11) 74,000 tons crushed gravel or stone surface;
  - (12) 6,171 M. gals. water;
  - (13) 563 c.y. Class A concrete;
  - (14) 57 c.y. Class B concrete;
  - (15) 58,500 lbs. reinforcing steel;
  - (16) 115.3 MFBM Redwood lumber;
  - (17) 2,845 l.f. treated piles;
  - (18) 93 each, drive treated piles;

- (19) 78 l.f. 15-in. CMP (dipped);
  - (20) 560 l.f. 18-in. CMP (dipped);
  - (21) 1,050 l.f. 24-in. CMP (dipped);
  - (22) 138 l.f. 30-in. CMP (dipped);
  - (23) 114 l.f. 36-in. CMP (dipped);
  - (24) 218 l.f. relay culvert pipe;
  - (25) 31 each, move pipe culvert headwalls;
  - (26) 177 each, monuments;
  - (27) 8,495 l.f. reconstruct fence;
  - (28) 41,649 l.f. reconstruct fence;
  - (29) 105 l.f. 2x2-ft. laminated culvert;
  - (30) 37 l.f. 3x3-ft. laminated culvert;
  - (31) 4 each, 14-ft. standard steel gates;
  - (32) One each, 24-in. lateral head-gate;
  - (33) 400 lbs. castings;
  - (34) 128 l.f. furnishing 18-in. CMP (dipped);
  - (35) 64 l.f. furnish 24-in. CMP (dipped);
  - (36) 40 c.y. rock dam;
  - (37) 325 c.y. hand-laid riprap.
- Total bids follow:
- (A) C. F. Frederickson & Son, Lower Lake.....\$237,968.69  
 (B) Utah Constr. Co., Ogden 250,230.14  
 (C) Isbell Constr. Co., Reno 255,679.99  
 (D) Pacific Constr. Co., San Francisco..... 293,163.09  
 (E) Reynolds Ely Constr. Co., Springville, Utah. 307,327.36  
 (F) Engineer's Estimate..... 240,558.83

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1) .....	\$.01	\$.02	\$.03	\$.02	\$.02	\$.03
(2) .....	25	1.00	1.00	1.00	1.00	1.00
(3) .....	6.00	10.00	5.00	12.00	10.00	5.00
(4) .....	30	40	40	40	60	32
(5) .....	.01	.15	.02	.02	.02	.02
(6) .....	35	35	38	40	30	35
(7) .....	1.25	1.50	1.50	2.00	1.50	1.50
(8) .....	90.00	75.00	100.00	200.00	100.00	75.00
(9) .....	180.00	200.00	250.00	300.00	100.00	75.00
(10) .....	.39	.38	.38	.48	40	40
(11) .....	70	60	57	65	60	60
(12) .....	1.25	1.50	1.30	2.00	3.00	1.25
(13) .....	35.00	30.00	28.00	35.00	30.00	30.00
(14) .....	30.00	30.00	28.00	35.00	30.00	28.00
(15) .....	.06	.07	.065	.08	.06	.06
(16) .....	110.00	100.00	119.00	150.00	110.00	120.00
(17) .....	70	85	70	90	75	1.00
(18) .....	30.00	12.00	20.00	33.00	30.00	20.00
(19) .....	1.80	2.00	2.00	2.00	2.00	1.75
(20) .....	2.00	2.25	2.10	2.50	2.25	2.00
(21) .....	3.00	3.00	3.15	3.25	3.00	2.50
(22) .....	4.00	4.00	3.75	4.50	4.50	3.00
(23) .....	5.50	6.00	5.65	6.50	6.00	6.00
(24) .....	50	1.00	75	1.00	1.00	1.00
(25) .....	8.00	10.00	10.00	12.00	10.00	10.00
(26) .....	3.00	3.50	3.50	4.00	3.00	3.00
(27) .....	.11	.10	.12	.16	.15	.10
(28) .....	.06	.06	.07	.11	.14	.08
(29) .....	4.00	5.50	5.00	4.50	10.00	6.00
(30) .....	6.00	8.00	8.00	8.00	15.00	10.00
(31) .....	20.00	35.00	25.00	25.00	15.00	20.00
(32) .....	20.00	60.00	45.00	20.00	20.00	5.00
(33) .....	.50	.20	.15	.20	.25	.15
(34) .....	3.00	2.50	2.65	3.00	2.25	2.25
(35) .....	4.40	4.00	4.05	4.00	3.00	3.50
(36) .....	4.00	6.00	5.00	8.00	5.00	2.50
(37) .....	4.00	2.50	4.00	10.00	10.00	4.00

**CLARK CO., NEV.—11.6 Mi. Highway Construction—(State)**

CLARK CO., Nevada.—Olof Nelson, Logan, Utah, at \$372,723.25, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Clark County, from Las Vegas to a point approximately three miles southwest of Apex, Route 6, Sections D2 and D1, a length of approximately 11.6 miles.

- The work involves:
- (1) 1,466 l.f. remove culvert pipe;
  - (2) 96 each, remove culvert headwalls;
  - (3) 2 each, remove culverts (wooden);

- (4) 41,810 c.y. roadway excav.;
- (5) 149,685 sta. yds. overhaul;
- (6) 85,730 c.y. channel excav.;
- (7) 121,650 tons crushed gravel or stone subbase;
- (8) 169,760 c.y. imported borrow;
- (9) 3,670 c.y. struct. excav.;
- (10) 11,503 ml. subgrade;
- (11) 11,503 ml. shoulders;
- (12) 11.6 ml. finish roadway;
- (13) 31,100 tons plant-mix crushed gravel or stone base;
- (14) 16,000 tons crushed gravel or stone surface;
- (15) 5,820 M. gals. water;
- (16) 870 tons asphaltic road material, Type 95 plus;
- (17) 1,037 tons asphaltic road material, Type SC-2;



- (18) 160 tons emulsified asphalt, penetration;
- (19) 1,130 tons screenings;
- (20) 21,670 tons plant-mix asphaltic surface;
- (21) 732 c.y. Class A concrete;
- (22) 60 c.y. Class B concrete;
- (23) 281 c.y. Class D concrete;
- (24) 136,034 lbs. reinforcing steel;
- (25) 242 MFBM Redwood lumber;
- (26) 2,555 lf. treated piles;
- (27) 98 each, drive treated piles;
- (28) 278 lf. 18-in. CMP (dipped);
- (29) 158 lf. 24-in. CMP (dipped);
- (30) 975 c.y. hand laid riprap (grouted);
- (31) 2 each, move pipe culvert head-walls;
- (32) 30 lf. relay culvert pipe;
- (33) 76 each culvert markers;
- (34) 11.6 mi. salvage and relay surface;
- (35) 2000 hours, 75-hp. crawler type tractor;

- (36) 200 hours, 10-ft. blade grader;
- (37) 700 hrs., 75-hp. tractor with power scraper;
- (38) 600 hours, motor grader;
- (39) 2,000 hours, 1½-ton truck;
- (40) 30 lf. concrete railing.

- Total bids follow:
- (A) Olof Nelson, Logan, Utah ..... \$72,723.25
  - (B) Dodge Construction, Inc., Fallon ..... 376,112.30
  - (C) Isbell Constr. Co., Reno ..... 389,652.34
  - (D) Oswald Bros., Los Angeles ..... 399,050.48
  - (E) Pacific Constr. Co., San Francisco ..... 404,762.09
  - (F) A. Teichert & Son, Inc., Sacramento ..... 417,651.30
  - (G) Utah Constr. Co., Ogden ..... 421,252.14
  - (H) Engineer's Estimate ..... 343,471.93

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ .50	\$ 1.00	\$.75	\$.50	\$.65	\$ 1.00	\$ 1.00	\$ 1.00
(2).....	3.00	5.00	5.00	8.00	3.00	6.00	10.00	5.00
(3).....	15.00	10.00	10.00	20.00	10.00	10.00	10.00	10.00
(4).....	.28	.27	.34	.35	.27	.20	.45	.25
(5).....	.01	.02	.02	.02	.02	.01	.02	.02
(6).....	.25	20	.20	.15	.15	15	22	.20
(7).....	.47	40	.45	.60	.47	.68	.50	.40
(8).....	.35	.35	.34	.40	.45	.41	.45	.30
(9).....	1.00	1.00	1.25	1.25	1.50	1.30	1.25	1.00
(10).....	100.00	300.00	100.00	425.00	150.00	100.00	200.00	75.00
(11).....	100.00	100.00	100.00	100.00	150.00	200.00	150.00	75.00
(12).....	100.00	300.00	150.00	200.00	200.00	150.00	300.00	150.00
(13).....	1.10	1.10	1.29	.85	1.15	1.05	.95	.85
(14).....	.60	.55	.62	.65	.60	.85	.60	.60
(15).....	2.00	1.75	2.00	3.00	2.25	3.00	2.00	2.00
(16).....	18.70	20.00	19.50	20.00	20.00	21.00	22.00	20.00
(17).....	15.00	15.00	17.00	16.00	18.00	15.00	20.00	18.00
(18).....	23.00	25.00	25.00	25.00	25.00	27.50	24.00	23.00
(19).....	2.00	3.00	3.00	2.50	2.50	3.00	3.00	3.00
(20).....	1.60	1.50	1.46	1.25	1.25	1.30	1.25	1.00
(21).....	22.00	25.00	26.00	25.00	26.00	21.00	30.00	27.00
(22).....	22.00	25.00	26.00	30.00	24.00	21.50	30.00	29.00
(23).....	22.00	27.50	26.00	15.00	24.00	17.50	30.00	26.00
(24).....	.05	.05	.06	.05	.06	.05	.06	.06
(25).....	125.00	110.00	118.00	110.00	130.00	105.00	100.00	110.00
(26).....	.70	.90	1.00	.80	.80	.80	.85	.75
(27).....	20.00	20.00	20.00	15.00	20.00	25.00	18.00	20.00
(28).....	3.00	2.50	2.50	1.75	2.25	2.00	2.25	2.00
(29).....	4.00	3.00	3.25	2.75	3.00	3.00	3.00	2.50
(30).....	4.00	9.00	8.00	9.00	13.00	8.75	10.00	6.00
(31).....	20.00	10.00	10.00	10.00	7.50	15.00	10.00	10.00
(32).....	1.00	1.00	1.00	.50	1.00	1.00	1.00	1.00
(33).....	2.00	2.50	3.00	2.25	3.00	3.00	2.00	2.50
(34).....	700.00	880.00	500.00	675.00	530.00	1500.00	1000.00	500.00
(35).....	4.00	5.00	6.00	6.00	5.00	5.00	5.00	5.00
(36).....	1.00	2.00	2.75	1.75	2.25	2.75	1.50	1.00
(37).....	5.00	6.00	7.50	7.50	7.00	6.50	7.00	6.00
(38).....	2.50	4.00	5.00	4.25	5.00	4.50	4.00	5.00
(39).....	1.50	2.00	2.00	2.00	2.25	2.25	2.50	2.00
(40).....	5.00	4.00	4.00	5.00	3.00	5.00	3.50	4.00

3,259 miles of Sections C, D and E of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

**LOW BIDDERS**

COCONINO CO., Arizona.—Skousen Bros., Albuquerque, N. M., at \$239,766, submitted the lowest of seven bids received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for grading and placing a crushed gravel base course with bituminous treatment (light surface application) on a portion of Route 4, Bright Angel Spring-North Entrance, Grand Canyon National Park, and on Sections D, C, E, and F of the Jacobs Lake, North Rim Approach Road to Grand Canyon National Park, all in Coconino County, a length of 31.93 miles.

The low bids follow:  
Skousen Bros., Albuquerque ..... \$239,766  
Pearson & Dickerson, Prescott ..... 246,096

Packard Contracting Co., Phoenix ..... 269,594  
Engineer's Estimate ..... 296,996  
Complete bids will be published shortly. ?

**NOTICE TO BIDDERS**

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the opening of bids for prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints for the work now advertised, bids to be opened in Sacramento on March 17:

III-Pla-17-A, between Rocklin and Loomis: PLANS (No. of Sheets) 16; (Cost) \$1.00; CROSS-SECTIONS (No. of Sheets) 55; (Cost) \$5.50; (Total) \$7.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento. ?

**PLANNED**

SANTA ROSA, Sonoma Co., Calif.—City Engineer J. B. Platt is preparing plans and specifications for the widening of Fourth Street from Mendocino Ave. to A Street, and for the widening and repaving of Fourth Street from A to E Streets. Work will be financed by the city's share of State gasoline tax funds.

Bids will probably be called about April 15.  
A. P. Noyes, City Manager. ?

**BIDS OPENED**

LONG BEACH, Los Angeles Co., Calif. Sully-Miller Contracting Co., 1590 W. 7th St., Long Beach, at \$48,966.70, submitted low bid to the Long Beach City Council, R. M. Dorton, City Manager, for improving Anaheim St. between Daisy Ave. and Orange Ave. and portions of other streets, in accordance with Spec. No. R-580, prepared by City Engineer-Director of Public Service J. W. Blackman.

Griffith Co., Los Angeles, at \$56,247.98, submitted the only other bid.

**BIDS WANTED**

FRIANT, Fresno Co., Calif.—Until March 15, 10 A. M., as previously reported, bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento.

share of State gasoline tax funds. Work will be financed by the City's share of State gasoline tax funds. ?

Plans and specifications obtainable from the office of the City Clerk or City Engineer H. N. Bishop, 1280 First National Bank Bldg., Santa Clara Co., Calif.—Until March 22, 7:30 p.m., bids for the following concrete: (1) 250 tons asphaltic concrete; (2) 120 lf. paroled culvert; (3) 120 lf. asphaltic concrete.

The work involves: new curbs and gutters, and Washington Streets, including the widening of South Murphy St. between the existing City Clerk's Bldg. and the existing City Council Bldg. at Truckee Street, Santa Clara Co., Calif.—Until March 22, 7:30 p.m., bids for the following concrete: (1) 250 tons asphaltic concrete; (2) 120 lf. paroled culvert; (3) 120 lf. asphaltic concrete.

**BIDS WANTED**

TUCSON, Ariz.—Until March 10, 4 P. M., bids will be received by the Tucson city council for the paving of streets in the West Park district paving improvement, to be done in accordance with the provisions of Article XVI, Chap. 12, revised statutes of Arizona, 1928, and amendments thereto, and Resolution of Intention No. 140, 1928.

The work involves paving, curbs,

gutters, water connectors, survey monuments, grading, incinerator, work plans and specifications may be obtained from George W. Seely, superintendent of streets. Bond in the amount of 10% must accompany each proposal. The work is financed partly by bond and partly by FWA grant of 45%. The estimated cost is \$116,000.

**CONTRACT AWARDED**

SAN BENITO, MONTEREY, SAN LUIS OBISPO, & SANTA BARBARA COUNTIES.—Bert Hale, Pismo Beach, at \$6,533.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for furnishing and applying diesel oil to roadside vegetation for a distance of 200 miles at various locations in San Benito, Monterey, San Luis Obispo, and Santa Barbara Counties, requiring 3,150 bbls. of diesel oil.

**CONTRACT AWARDED**

PLUMAS CO., Calif.—R. R. Carlson, Weber Ave. and E St., Stockton, at \$56,353.60, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, for grading

to, under Spec. No. 887-D, for the construction of street, alley, parking area, and sidewalk grading and surfacing, and sewer and water systems for the Government campsite at the Friant Dam, about 22 miles north of Fresno.

- Bids will be taken as follows:
- (1) 8,200 c.y. excav., complete for streets, alleys, etc.;
  - (2) 15 c.y. excav., rock, for do;
  - (3) 500 sta. c.y. overhaul;
  - (4) 1,500 c.y. compacting fills;
  - (5) 15 c.y. excav., rock, in trenches;
  - (6) 5,320 lf. excav. and backfill of sewer pipe trench;
  - (7) 1,220 lf. excav., and do;
  - (8) 30 c.y. excav., common, and do;
  - (9) 2,700 lf. furnishing and laying 4-in. dia. sewer pipe, fittings and specials;
  - (10) 2,900 lf. furnishing and laying 6-in. dia. do;
  - (11) 1,300 lf. furnishing and laying 10-in. dia. do;
  - (12) 140 lf. furnishing and laying 10-in. dia. extra heavy cast iron soil pipe;
  - (13) 50 lf. furnishing and laying 18-in. dia. corrugated metal pipe;
  - (14) 25 grease traps, furnish and install;
  - (15) 11 manholes;
  - (16) 5 additional ft. price per foot; (17) sand-cushion foundation for water-storage tank (dump sum);
  - (18) 3,200 lf. excav. and backfill of waterpipe trench;
  - (19) 5 c.y. excav., common, and do;
  - (20) 2,500 lf. furnishing and laying 6-in. dia. steel pipe and fittings
  - (21) 1,450 lf. furnishing and laying 4-in. dia. do;
  - (22) 4 6-in. gate valves;
  - (23) 1 4-in. gate valve;
  - (24) 6 2-in. dia. water service connections;
  - (25) 4 1½-in. dia. do;
  - (26) 1 1½-in. dia. do;
  - (27) 14 1-in. dia. do;
  - (28) 5 ¾-in. dia. do;
  - (29) 250 lf. 12-in. dia. service pipe and fittings;
  - (30) 600 lf. 1½-in. dia. do;
  - (31) 480 lf. 1-in. dia. do;
  - (32) 2,250 ¾-in. dia. do;
  - (33) 6 units 2-in. dia. curb stops and service boxes;
  - (34) 3 units 1½-in. dia. do;
  - (35) 1 unit ¾-in. dia. do;
  - (36) 8 fire hydrants;
  - (37) 12,500 lf. furnish and place timber curb boards;
  - (38) 1,500 c.y. bottom course of crush. rock or crush. gravel surfacing;
  - (39) 1,500 c.y. top course of do;
  - (40) 10,800 gals. furnish and apply liquid asphaltic road material.

Work shall be commenced within 15 days and finished within 150 days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of Bureau of Reclamation at Sacramento, Denver, or Washington, D. C., without charge to prospective bidders; to others, \$1 per copy, not returnable.

A. M. Torpen, division engineer in charge at Friant; T. R. Smith, division office engineer.

Plans and specifications for the above work are on file at the office of DAILY PACIFIC BUILDER and may be inspected by interested parties.

#### BIDS WANTED

LOS ANGELES CO., Calif.—Until March 25, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 29 miles grading and paving with asphalt concrete and portland cement concrete in the City of Los Angeles between Fenwick Street and Terra Bella Street.

The work involves:

- (1) 154 sta. clear and grub right of way;

- (2) 3,100 M. gals. water;
- (3) 2,250 c.y. exist. conc., remove and dispose of;
- (4) 161,000 c.y. roadway excav., unclassified;
- (5) 1,500 c.y. ditch and channel excavation;
- (6) 1,098,000 sta. yds. overhaul;
- (7) 1,800 c.y. struc. excav.;
- (8) 33,000 sq. yds. preparing sub-grade;
- (9) 154 sta. finishing roadway;
- (10) 32 tons asphaltic cement, Grade E (membrane seal);
- (11) 38 tons liq. asphalt, SC-2 (prime coat);
- (12) 37,500 sq. yds. preparing, mixing and shaping shoulders;
- (13) 300 tons liq. asphalt, SC-2 (shoulders);
- (14) 4,100 sq. yds. asphaltic paint binder;
- (15) 1,820 tons asphalt conc.;
- (16) 25,500 lbs. bar reinf. steel;
- (17) 6,070 c.y. Class A portland cement concrete (pavement);
- (18) 38,800 sq. yds. pave. dowels;
- (19) 8 sections pavement crossing devices (Type C);
- (20) 50 c.y. Class A portland cement concrete (structures);
- (21) 700 lbs. misc. iron and steel;
- (22) 510 lf. 8-in. CMP;
- (23) 38,800 lf. 18-in. CMP;
- (24) 690 lf. 24-in. CMP;
- (25) 210 lf. 36-in. CMP;
- (26) 90 lf. 48-in. CMP;
- (27) 210 lf. exist. CMP removed, cleaned, and salvaged;
- (28) 22 each spillway assemblies;
- (29) 40 c.y. Class A portland cement concrete (curbs and gutters);
- (30) 20 each, culvert markers;
- (31) 185 each, guide posts.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

#### BIDS OPENED

TEHAMA CO., Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$54,386.25, submitted low bid to the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for placing bituminous treated crushed rock surfacing on 4 675 miles of Section B of the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama Co.

The work involves:

- (1) 20 c.y. unclass. excav. for structures;
- (2) 8,775 tons bituminous treated crushed rock;
- (3) 150 tons supplemental crushed rock;
- (4) 2,800 tons crushed rock for shoulders and base course;
- (5) 570 tons crushed rock for screenings;
- (6) 14 c.y. Class A concrete;
- (7) 200 M gals. watering;
- (8) 425 tons liquid asphaltic material, MC-4 or MC-5;
- (9) 57 tons emulsified asphalt;
- (10) 67 tons liquid asphaltic road material, Type SC-2.

Total bids follow:

- |                                               |             |
|-----------------------------------------------|-------------|
| (A) A. Teichert & Son, Inc., Sacramento       | \$54,386.25 |
| (B) Leo F. Piazza, San Jose                   | 63,201.65   |
| (C) Pacific States Constr. Co., San Francisco | 63,810.25   |
| (D) N. M. Ball Sons, Berkeley                 | 65,052.75   |

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	\$1.50	\$1.45	\$2.00	\$2.50
(2)	3.15	4.20	4.35	4.25
(3)	2.46	2.85	3.70	3.00
(4)	2.80	3.00	2.45	3.60
(5)	3.50	3.55	4.20	4.00
(6)	28.00	30.00	30.00	35.00
(7)	2.00	3.00	1.50	2.50
(8)	28.00	27.30	26.00	25.00
(9)	32.00	27.30	30.00	30.00
(10)	25.00	15.15	30.00	22.00

## 30—RESERVOIRS & DAMS

### BOND ELECTION

EUREKA, Humboldt Co., Calif.—The City Council has set March 30 as the date of a special election to vote on a proposal to issue an additional \$625,000 in bonds to finance completion of the Mad River Water Project, including construction of the dam to elevation 200, laying approximately 25 miles of pipe line, and acquiring necessary rights of way, etc.

### BIDS WANTED

SUN RIVER PROJECT, Mont.—Until March 25, 10 a.m., bids will be received by the Bureau of Reclamation, A. W. Walker, Superintendent, Fairfield, Montana, under Spec. No. 725, for the construction of alterations to the spillway at the Gibson Dam, Sun River Project.

The work is located about 23 miles northwest of Augusta, and the principal items of work involved are:

- (1) 1,600 c.y. of excav. for structs.;
- (2) 170 c.y. of excav. of concrete;
- (3) 380 sq. yds. of chipping and roughening surfaces of existing concrete;
- (4) 1,350 c.y. of concrete;
- (5) Placing 150,000 lbs. of reinforcement bars;
- (6) Constructing 440 lf. of 4-in. dia. sewer-pipe drains embedded in porous concrete;
- (7) Drilling 1,200 lf. of holes for anchor bars;
- (8) Installing 250 lf. of metal sealing strips;
- (9) Installing 350 sq. ft. of expansion joint filler;
- (10) Installing 170,000 lbs. of radial gates and operating mechanisms;
- (11) Installing 5,500 lbs. of pipe band-rails;
- (12) Installing 1,500 lbs. of miscellaneous metalwork;
- (13) Installing 1,100 lf. of electrical metal conduit; and
- (14) Installing 5,100 lbs. of electrical conductors and apparatus.

The work shall be commenced within 30 calendar days and completed within 270 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Fairfield, Montana; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, \$2.00 per copy, not returnable.

## 31—PIPE LINES & WELLS

### BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until March 19, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third Street, Los Angeles, for constructing the Coxcomb wastewater of the Colorado River Aqueduct, in accordance with Sec. No. 197. The site of the work is on the line of the Colorado River Aqueduct, in Riverside County, about 14 miles northeast of Desert Center. The work to be contracted for comprises the construction of a reinforced concrete wasteway approximately 200 ft. in length, together with transition sections, the installation of steel radial gates, and the backfilling of adjacent modified conduit.

The work involves:

- (1) 150 c.y. excavation;
- (2) 5,500 c.y. uncompacted backfill;
- (3) 350 c.y. compacted backfill;
- (4) 380 c.y. reinforced concrete;
- (5) 37,000 lbs. placing reinf. steel;
- (6) 30,000 lbs. installing gates, holts, wall plates and misc. metal work;
- (7) 900 lbs. installing handrailings;
- (8) 1,100 ton-miles hauling steel;
- (9) 3,500 ton-miles hauling cement.

Copies of the plans and specifications may be obtained at the office of the engineer, Room 1007, 306 West Third St., Los Angeles, upon deposit of \$2 per set, not returnable. Certified check or cashier's check for \$1000 must accompany each proposal. F. E. Wymouth, general manager and chief engineer.

## 32—SEWERS & SEWAGE DISPOSAL PLANTS

### PLANNED

**ANAHEIM**, Orange Co., Calif.—The Directors of the Orange County Joint Outfall Sewer District have approved an engineer's report recommending that Section No. 2 of the line be rebuilt at once at an estimated cost of \$150,000. Application will be made for PWA funds. The section involves 5.6 miles of vitrified clay pipe. The cities of Anaheim, Santa Ana, Fullerton, La Habra and Placentia, and the sanitary districts of Garden Grove and Buena Park must approve the report.

March 4, 1937

### TO PREPARE PLANS

**LOS ANGELES**, Cal.—Alf. Jones, County Surveyor, has been authorized by the Los Angeles County Supervisors to prepare plans and engineering data for a \$7,000,000 storm drain system involving Bell, Huntington Park, Maywood, South Gate, Lynwood, Compton, and North Long Beach. Co-operation of the mayors of the various cities was promised at a recent conference. Application for WPA financing will be made at once. Engineering work will not be ready before July 1.

### BIDS OPENED

**EUREKA**, Humboldt Co., Calif.—Fred J. Maurer & Son, Inc., Eureka, at \$65,447.10 submitted low bid to the Eureka City Council for the construction of the Washington Street sanitary outfall sewer bet. Broadway and the Government bulkhead line.

The work involves:

- (1) 2,577 lf. 36-in. pipe in place;
  - (a) 36-in. vitrified clay pipe;
  - (b) 36-in. standard reinf. conc. sewer pipe;
- (2) 400 lf. redwood sill with continuous concrete saddle;
- (3) 50 c.y. Class C portland cement protective covering in place;
- (4) One outlet block unit, complete in place, lump sum;
- (5) 100 c.y. gravel in place as a stabilized foundation.

Total bids follow:

- (A) Fred J. Maurer, Eureka, \$65,447.10.  
 (B) A. & B. Const. Co., Hydes, \$65,815.25.  
 (C) John F. White, Oakland, \$66,200.00.  
 (D) Mercer-Fraser Co., Eureka, \$67,255.75.  
 (E) Hanrahan-Connolly, San Francisco, \$67,959.50.

Unit bids follow:

	(B)	(C)	(D)	(E)
(1a)	\$25.29	\$26.25	\$22.50	\$27.75
(1b)	22.30	23.25	22.20	24.75
(2)	7.70	6.00	15.25	4.00
(3)	25.00	50.00	22.00	25.00
(4)	3250.00	600.00	1200.00	225.00
(5)	4.00	4.00	6.00	4.00

Evan D. Gardner, City Engineer. Bids referred to the PWA. The bid of R. B. McNair was irregular and not declared.

### BIDS WANTED

**FT. SHAFTER**, T. H.—Until Mar. 10, bids will be received by the Constructing QM, Fort Shafter, under Proposal No. 60-50 for the construction of additional disposal plant facilities at Schofield Barracks.

Plans and specifications obtainable

from the above office upon deposit of \$10.00.

### BONDS VOTED

**TEHACHAPI**, Kern Co., Calif.—The \$31,000 bond issue to finance the city's share of the cost of a sewer system and a disposal plant carried at the special election February 23 by a vote of 22 to 21. The total cost of the project is \$56,363.50, and an application asking for a grant of \$25,363.50 has been filed with the PWA. Koebig & Koebig, 820 Rowan Bldg., Los Angeles, are the engineers.

### CONTRACT AWARDED

**SAN FRANCISCO**.—Fay Improvement Co., 760 Market St., San Francisco, at \$519.40, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19017, for the construction of a sewer in Ulloa St., between Woodside Ave. and Sydney Way.

### BIDS OPENED

**WASCO**, Kern Co., Calif.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$35,270.25, submitted low bid to the Wasco Public Utility District, Wasco, for the construction of disposal plant and intake and discharge lines located at Wasco, Unit No. 2.

The complete total bids follow:

Fred J. Early, Jr., S. F.	\$35,270.25
T. A. Allen Constr. Co., Los Angeles	36,450.00
Hoagland Engrg. & Constr. Co., Long Beach	36,623.45
F. A. Greenough, Bakersfield	37,532.00
Bennett & Taylor, Los Angeles	37,554.00
W. J. Tobin, Oakland	37,562.00
Case Constr. Co., Alhambra	38,900.00

Unit bids will be published shortly.

Bids held under advisement.

### BIDS REJECTED

**WASCO**, Kern Co., Calif.—All bids received by the Wasco Public Utility District, March 1, for construction of a sewage disposal plant and intake and discharge lines, Unit No. 2, have been rejected and a new call for bids will be issued shortly.

Fred J. Early, Jr., 369 Pine Street, San Francisco, at \$35,270.25 submitted the lowest bid. Koebig & Koebig, Room 520, 458 S. Spring St., Los Angeles, engineers.

### CONTRACT AWARDED

**EUREKA**, Humboldt Co., Calif.—Fred J. Maurer & Son, Inc., Eureka, at \$65,447.10, awarded contract by the Eureka City Council for the construction of the Washington Street Sanitary outfall sewer between Broadway and the Government bulkhead line. The award is contingent upon the city's receiving an additional PWA grant of \$7,000. Complete bids published March 1. Evan D. Gardner, City Engineer.

### BIDS WANTED

**LOS ANGELES**.—Until March 17, 11 a.m., bids will be received by the Los Angeles board of public works, 135 City Hall, Los Angeles, for construction of storm drains and appurtenant work in Alameda St., between Ord and Macy Streets, Union Passenger Terminal Station, PWA Project 4361, Unit E-2. The work involves:

- (1) Lump sum, grading (200 c.y. excav.; no fill; including removal of existing improvements);
- (2) 6213 sq. ft. asphaltic concrete pavement 8-in. thick, consisting of asphaltic concrete base 6-in. thick and asphaltic concrete wearing surface 2-in. thick (including Class C resurfacing);
- (3) 1019 sq. ft. asphaltic concrete wearing surface, variable thickness, average 2-in.;

- (4) 288 sq. ft. concrete pavement, 8-in. thick (local depression);
- (5) 47 lf. heavy class unplastered curb;
- (6) 253 lf. integral curb and concr. gutter, 1 ft. wide;
- (7) 88 sq. ft. concrete gutter, 8-in. thick;
- (8) 2464 sq. ft. one course sidewalk, 3-in. thick;
- (9) 1 catch basin to be remodeled;
- (10) Sanitary sewer and appurtenances and appurtenant work complete in place, not including house connections or resurfacing;
- (11) Storm drain and appurtenances and appurtenant work complete in place, not including local depressions, resurfacing, or surfaced remodeling.

## 33—WATER WORKS

### BIDS OPENED

**LOS ANGELES**, Cal.—S. M. Milovich, 208 Cochran Bldg., Montebello, at \$33,587 awarded contract by the Los Angeles Water and Power Commission for the construction of the diversion channel, pipe lines and appurtenant work in the Sunland and Tujunga water supply project, PWA Docket 1929-R, Unit No. 80. Spec. No. X-91.

### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Contracting Engineers, Inc., 23104 W. Vernon Ave., Los Angeles, at \$56,565, awarded contract by the Los Angeles Water and Power Commission for the construction of the Fletcher Drive pumping station and installation of equipment, PWA Docket 1929-R, Unit No. 52. Spec. X-90.

### BIDS OPENED

**LA MESA**, San Diego Co., Calif.—J. R. Lippincott, 435 S. Arlington Ave., Los Angeles, at \$53,090 submitted low bid to the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the reconstruction of the El Monte pumping plant, two miles east of Lakeside. Plans and specifications for the work were prepared by C. Harritt, general manager and chief engineer, and Karl Hudson, superintendent and assistant engineer. The proposed work will involve the construction of a pump house, 108x22-ft., eight centrifugal pumps, 14 motors, one venturi meter installation, approximately 700 ft. of 24-in. and 30-in. steel pipe, and miscellaneous small pipe and fittings, all installed and ready for use. Bids were taken as follows:

- (1) pumping and electrical equipment;
  - (2) pipe, fittings and meter installation;
  - (3) frame and stucco pump house and miscellaneous concrete only.
- The complete bids were:
- J. R. Lippincott, Los Angeles: (1) \$27,373; (2) \$15,585; (3) \$10,130; total, \$53,090.

United Iron Works, Oakland: \$56,000.

T. A. Allen Const. Co., Los Angeles: (1) \$29,950; (2) \$20,700; (3) \$8,275; total, \$58,925.

Hoagland Engr & Cons. Co., Long Beach: (1) \$31,000; (2) \$19,800; (3) \$8,900; total, \$59,700.

Bennett & Taylor, Los Angeles: (1) \$27,265; (2) \$30,083; (3) \$5,209; total, \$62,557.

V. P. Dennis Const. Co., San Diego: (1) \$51,633; (2) \$32,178; (3) \$7,314; total, \$73,185.

\*Lump sum bid only—irregular; no bid bond enclosed.

The bids were taken under advisement until 7:30 P. M., March 2.

### CONTRACT AWARDED

**SAN FRANCISCO**.—M. J. Lynch, Oakland and Barneveld Avenues, at

\$5,472.27, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,001, for construction of the Sunset District extension to the auxiliary water supply system for fire protection, Section B, a PWA project.

**PLANS & SPECIFICATIONS ON FILE**

**FRIANT, Fresno Co., Calif.**—Plans and specifications for the construction of a water tank at the Government Camp at Friant Dam, Spec. No. 883-D, are on file at the office of the DAILY PACIFIC BUILDER, and may be inspected by interested parties.

Bids will be opened by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, March 3, 10 a.m., as previously reported.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Case Const. Co., 905 Westminster St., Alhambra, at \$53,007.30 awarded the contract by the Los Angeles Water and Power Commission for construction of 20-in. cast iron water supply line under main ship channel, San Pedro. PWA Docket No. 1929-R, Unit No. 89-B. Spec. X-92.

**BIDS WANTED**

**ARVIN, Kern Co., Calif.**—Until March 10, 8 p.m., bids will be received by the board of trustees of the Rockpile School District, Arvin, Calif., for the purchase of a deep well pump and a pressure system or overhead all-steel tank and pipe, of over 60 g.p.m. capacity. Bidders are to furnish detailed specifications. Further information may be obtained from Aaron Neff, clerk of the board, Box 157, Arvin, Calif. J. E. Saint and E. C. Comb, trustees.

**BIDS OPENED**

**FRIANT, Fresno Co., Calif.**—Western Pipe & Steel Co., 444 Market St., San Francisco, submitted the apparent low bid to the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 883-D, for the construction of a circular steel water tank, 100,000-gal. capacity, to be erected on a gravel foundation prepared by the Government at the Government Camp at Friant Dam, in the Valley Project, about 22 miles north of Fresno.

Bids were taken as follows:  
 (1) Lump sum, furnishing and erecting one 100,000-gal. steel water tank, complete, in accordance with specifications and drawings; shimmers; shipping point, to Friant to be made on commercial bills of lading at the expense of the contractor;  
 (2) Same as item (1) except shipment to be made to Friant on Government bills of lading.

Complete bids follow:

Western Pipe & Steel Co., San Francisco—(1) \$3,350, shipping point, South San Francisco; (2) \$3,290.00, shipping point, South San Francisco.

California Steel Products Co., San Francisco—(1) \$3,338; shipping point, San Francisco; (2) \$3,338; shipping point, San Francisco.

Pittsburgh-Des Moines Steel Co., San Francisco—(1) (a) \$4,994; delivery, Neville Island, Pittsburgh; (b) \$5,258; delivery, Des Moines, Iowa; (2) (c) \$4,644; shipping point, Neville Island, Pittsburgh; (d) \$4,722; shipping point, Des Moines, Iowa.

Work shall be commenced within 15 calendar days and completed within 100 calendar days from the date of receipt of notice to proceed.

A. M. Torpen, division engineer in charge at Friant; T. R. Smith, division office engineer.

**CONTRA COSTA CO., Cal.**—Haas-Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$102,646, submitted low bid to the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 719, for the construction of earthquake and structures, Station 2 to Station 208 plus 50, Contra Costa Canal, Contra Costa Division, Central Valley Project.

The work comprises construction of about 3.9 miles of open canal and is located near Oakley. The complete canal will be about 40 miles in length and is estimated to cost \$3,120,000, and will have a capacity of 275 second-feet.

The work involves:

- (1) 640,000 c.y. excavation for canal
- (2) 5,000 c.y. excavation for pipe trenches and for structures, except siphons;
- (3) 31,000 c.y. excav. for siphons
- (4) 5,000 sta. c.y. overhaul
- (5) 35,500 c.y. backfill about struc.;
- (6) 900 c.y. puddling or tamping backfill about structures;
- (7) 1,425 c.y. concrete;
- (8) 202,000 lbs. placing reinf. bars;
- (9) 75 sq. yds. dry-rock paving;
- (10) 753 c.y. gravel fill under siphons
- (11) Driving 4,360 lf. of timber piles
- (12) Erecting 123 MFEM timber in structures;
- (13) Laying 2,070 lf. 16-in. diameter concrete pipe;
- (14) Installing 70,300 lbs. steel pipe, 18- and 30-in. dia.;
- (15) Installing 1,600 lbs. misc. metal work.

Complete total bids follow:

- (A) Haas-Doughty & Jones and Marshall & Stacy, San Francisco .....\$102,646.00
- (B) J. P. Immel, Ventura, 108,423.00
- (C) Piombo Bros. & Co., San Francisco ..... 116,430.00

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	50.669	\$0.0875	\$0.09	\$0.095	\$0.097	\$0.0975	\$0.0989	\$0.10	\$0.091	\$0.10
(2)	.30	.40	.40	.30	.40	.75	.75	1.00	50	60
(3)	.15	.18	.30	1.95	.33	.54	.50	.40	.70	1.00
(4)	.05	.01	.01	.01	.05	.05	.10	.10	.10	.03
(5)	.15	.30	.10	.05	.11	1.14	.25	.20	.19	.15
(6)	.30	.50	.50	.30	.20	1.00	.75	1.00	.40	.30
(7)	20.00	20.00	18.00	22.00	30.00	12.00	17.00	15.00	17.50	15.70
(8)	.02	.01	.015	.015	.03	.015	.02	.015	.014	.015
(9)	5.00	2.50	1.00	1.00	1.00	5.00	6.00	6.00	3.00	2.00
(10)	3.50	2.50	3.00	4.00	3.00	4.02	3.50	4.00	4.25	2.50
(11)	.85	.50	.70	.55	.35	.50	.60	.75	.65	.65
(12)	25.00	20.00	40.00	15.00	40.00	35.00	35.00	30.00	45.00	30.00
(13)	.75	.50	.40	.75	1.50	.50	.40	1.00	.35	.50
(14)	.03	.03	.035	.03	.005	.02	.03	.03	.025	.01
(15)	.05	.03	.10	.03	.01	.15	.10	.10	.15	.03

	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
	\$0.124	\$0.125	\$0.105	\$0.15	\$0.12	\$0.12	\$0.16	\$0.15	\$0.14	\$0.14
	.50	.60	.75	1.50	.25	.75	.75	.80	.20	.16
	.30	.50	.50	.20	.35	.60	.38	.45	.60	.80
	.05	.05	.05	.05	.06	.10	.03	.04	.015	.016
	.30	.10	.15	.15	.25	.25	.14	.25	.20	.144
	.75	1.00	1.00	1.00	.30	1.00	.50	.40	1.00	.25
	20.00	20.00	30.00	15.00	25.00	18.00	20.00	20.00	23.00	28.34
	.022	.02	.02	.01	.02	.0175	.02	.02	.02	.02
	3.00	2.00	5.00	4.00	4.00	4.50	3.00	3.00	3.00	2.40
	3.50	4.00	3.00	2.00	5.00	3.50	2.25	3.00	4.00	3.20
	.75	.60	.35	1.00	.50	2.00	1.00	.70	1.50	.32
	30.00	40.00	40.00	30.00	50.00	40.00	25.00	50.00	45.00	60.00
	.75	.50	.50	1.00	.80	.75	.30	.40	.30	.25
	.02	.02	.015	.01	.03	.02	.025	.02	.03	.02
	.03	.15	.10	.05	.08	.20	.10	.10	.10	.05

	(U)	(V)	(W)	(X)	(Y)
	\$0.165	\$0.15	\$0.14	\$0.17	\$0.21
	1.00	.75	1.25	1.25	1.00
	.60	.75	1.00	1.25	1.00
	.03	.05	.10	.03	.05
	.25	.35	.40	.30	.15
	.40	.50	.40	.50	.50
	18.00	25.00	24.00	27.50	24.00
	.02	.02	.015	.025	.025
	5.00	3.00	3.50	4.00	2.00
	3.75	4.00	3.50	4.00	2.75
	2.00	.70	1.00	1.00	1.00
	25.00	30.00	40.00	70.00	40.00
	.80	.75	1.00	.50	.50
	.03	.04	.02	.02	.025
	.20	.10	.10	.10	.10

- (D) J. A. Terling & Sons, Boise ..... 117,874.60
- (E) Shannahan Bros., Inc., Los Angeles ..... 120,824.00
- (F) Sibley Grading & Teaming Co., Ltd., San Francisco ..... 124,627.90
- (G) George W. Condon Constr. Co., Omaha ..... 126,988.50
- (H) Peterson Constr. Co., Minneapolis ..... 128,861.00
- (I) A. Teichert & Son, Inc., Sacramento ..... 132,723.25
- (J) Frant & Taylor, Los Angeles ..... 139,702.00
- (K) Earl W. Heple, San Jose ..... 148,882.00
- (L) George Pollock Co., Sacramento ..... 149,451.00
- (M) Macco Constr. Co., Clearwater ..... 151,316.00
- (N) C. A. Spicer, Los Angeles ..... 153,280.00
- (O) Lewis Chambers Constr. Co., Inc., New Orleans ..... 156,374.00
- (P) Lewis Constr. Co. and Frankamer Constr. Co., Oakland ..... 158,702.50
- (Q) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland ..... 168,802.25
- (R) Utah Construction Co., San Francisco ..... 170,350.00
- (S) Delta Dredging Co., Pittsburg ..... 174,321.00
- (T) E. H. Latham Co., Miami, Florida ..... 178,729.40
- (U) F. J. Kernan and John Klug, North Portland, Oregon ..... 187,809.75
- (V) Morrison-Knudsen Co., Inc., Boise ..... 190,874.50
- (W) David H. Ryan, San Diego ..... 195,360.00
- (X) Johnson, Inc., Alhambra ..... 228,562.50
- (Y) Metropolitan Constr. Co., Los Angeles ..... 230,478.75

Unit bids follow:

SACRAMENTO—Engineering Shops and Repair Docks—(Govt.)

February 26, 1937.

SHOPS & REPAIR DOCK  
 Cost, \$1,500,000  
 SACRAMENTO CO., Calif.  
 Army Air Corps Supply Depot, near  
 North Sacramento.

One-story reinforced concrete and steel Engineering Shop and Repair Docks (880 x 600 ft.); the building will be about 90 feet high with 50 ft. clearance under trusses; walls and footings will be of reinforced concrete; asbestos metal-protected roof over repair docks, built-up roof with flat deck over engineering shop part; doors will be 250x40 ft. in repair dock and 122x40 ft. in engineering shop.

Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C.  
 Low Bidder—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F.—\$1,589,851.

Bids were taken as follows:

(1)—Construction and completion of the Air Corps Engineering Shop and Repair Docks, including utilities thereto.

(2)—(Bid A) Roofing—If tar type built-up roof is omitted and asphalt type built-up roof is substituted, add or deduct from Item 1.

(3)—(Bid B) Roofing—If aluminum coping sheets, corrugated gable sheets and connecting extruded shapes are omitted and stainless steel substituted, add or deduct from Item 1.

(4)—Skylight Glass—If plain corrugated wire skylight glass in skylights over repair Docks and Operations and Maintenance hangar is omitted and actinic corrugated wire skylight glass is substituted, add or deduct from Item 1.

(5)—Glass Blocks—If fixed steel sash 12 ft. 3/4 in. by 15 ft. 10 in. and 12 ft. 3/4 in. x 32 ft. 0 in. approximate size opening in exterior concrete walls are omitted and glass blocks substituted therefor, add or deduct from Item 1.

(6)—(Bid A) Glass in exterior windows, fixed and pivoted. If fixed

and pivoted steel windows with approximately 14 in. by 20 in. rough flat wire glass lights are omitted and fixed and pivoted steel windows divided into approximately 24 in. by 4 in. flat rough wire glass lights with aluminum cover caps, bolts, clips and other necessary items are substituted therefor, add or deduct from Item 1.

(7)—(Bid B) Glass in exterior windows, fixed and pivoted—If fixed and pivoted steel windows with approximately 14 in. by 20 in. flat rough wire glass lights are omitted and fixed and pivoted windows divided into approximately 28 in. by 4 1/8 in. corrugated wire glass lights with aluminum joint and jamb cover caps, inner strips, bolts, clips and other necessary items are substituted, add or deduct from Item 1.

(8)—(Bid A) Glass in main sliding doors—If fixed steel sash inserts with approximately 14 in. by 20 in. flat rough wire glass lights are omitted and fixed steel inserts divided into approximately 24 in. by 4 1/8 in. flat rough wire glass lights with aluminum caps and fittings are substituted, add or deduct from Item 1.

(9)—(Bid B) Glass in main sliding doors—If fixed steel sash inserts with approximately 14 in. by 20 in. flat rough wire glass lights are omitted and fixed aluminum sash inserts divided into approximately 28 in. by 4 1/8 in. corrugated wire glass lights with aluminum caps, strips and fittings are substituted, add or deduct from Item 1.

(10)—(Bid C) Glass in exterior doors other than main sliding—If steel sash inserts with approximately 14 in. by 20 in. rough wire glass lights are omitted and fixed steel sash inserts divided into approximately 24 in. by 4 1/8 in. flat rough wire glass lights with aluminum caps and fittings are substituted, add or deduct from Item 1.

(11)—(Bid D) Glass in exterior doors other than main sliding—If fixed steel sash inserts with approximately 14 in. by 20 in. flat rough wire glass lights are omitted and fixed aluminum sash inserts divided into approximately 28 in. by 4 1/8 in. corrugated wire glass lights with

aluminum strips, caps and fittings are substituted, add or deduct from Item 1.

(12)—Unit Prices—The contractor shall submit unit prices in the following schedule for all items listed below, to be used in making deductions from or additions to the contract amount, unit prices shall include the furnishing of all labor and material, complete in place unless otherwise noted:

- (a) Earth excavation, per c.y.;
- (b) Rock excavation, per c.y.;
- (c) Wet excavation, per c.y.;
- (d) Type A concrete, including forms, per c.y.;
- (e) Type B concrete, including forms, per c.y.;
- (f) Structural steel, per ton;
- (g) Reinforcing steel, per ton;
- (h) Brick in walls, per M.;
- (i) Change in wire glass;
- (j) Change in wire glass;
- (k) 8-in. tile partitions, per sq. ft.;
- (l) 12-in. tile partitions, per sq. ft.

Total bids follow:

- (A) MacDonald & Kahn Co., San Francisco: \$1,589,851; begin in 5 days; finish in 500 days.
  - (B) Eaton & Smith, San Francisco: \$1,595,000; begin in 30 days; finish in 600 days.
  - (C) Clinton Const. Co., San Francisco: \$1,607,000; begin in fifteen days; finish in 500 days.
  - (D) Robert E. McKee, Los Angeles: \$1,617,000; begin in 15 days; finish in 700 days.
  - (E) N. P. Severin, Chicago: \$2,000,000, bid modified by telegraphic deduction of \$377,000, making a net total of \$1,623,000; begin in 30 days; finish in 400 days.
  - (F) George Wagner and K. E. Parker Co., San Francisco: \$1,652,000; begin in 90 days; finish in 500 days.
  - (G) Barrett & Hilp, San Francisco, and A. Teichert & Son, Inc., Sacramento: \$1,674,000; begin in 10 days; finish in 600 days.
  - (H) Guy F. Atkinson, San Francisco: \$1,687,887; begin in 15 days; finish in 450 days.
  - (I) J. H. Pomeroy & Co., San Francisco: \$1,744,000; begin in twenty days; finish in 480 days.
- Complete bids follow:

(A)	(B)	(C)	(D)*	(E)**	(F)	(G)	(H)	(I)
(1) \$1,589,851.00	\$1,595,000.00	\$1,607,000.00	\$1,617,000.00	\$1,623,000.00	\$1,652,000.00	\$1,674,000.00	\$1,687,887.00	\$1,744,000.00
(2) - 3,100.00	- 6,500.00	- 6,000.00	- 3,500.00	- 7,000.00	- 3,100.00	- 6,200.00	- 6,375.00	- 6,600.00
(3) + 16,000.00	+ 10,000.00	+ 15,000.00	+ 17,000.00	+ 16,000.00	+ 15,500.00	+ 15,500.00	+ 15,300.00	+ 16,000.00
(4) + 1,300.00	+ 1,300.00	+ 1,500.00	+ 1,500.00	+ 1,400.00	+ 1,400.00	+ 1,400.00	+ 1,400.00	+ 2,000.00
(5) + 4,000.00	+ 4,000.00	+ 15,000.00	+ 4,500.00	+ 9,400.00	+ 10,200.00	+ 12,000.00	+ 4,200.00	+ 13,000.00
(6) + 15,500.00	.....	.....	+ 15,000.00	+ 2,500.00	+ 13,600.00	+ 14,000.00	+ 11,000.00	+ 12,000.00
(7) + 16,000.00	+ 6,500.00	.....	+ 15,000.00	+ 3,600.00	+ 3,580.00	+ 5,000.00	+ 11,000.00	+ 17,000.00
(8) .....	+ 22,000.00	.....	+ 23,000.00	.....	.....	.....	+ 11,700.00	+ 21,000.00
(9) .....	+ 10,500.00	.....	+ 23,000.00	.....	.....	.....	+ 11,700.00	+ 30,000.00
(10) - 3,500.00	+ 1,200.00	.....	.....	+ 250.00	.....	.....	+ 5,000.00	+ 2,000.00
(11) - 3,500.00	+ 12,000.00	.....	.....	+ 1,500.00	.....	.....	+ 5,000.00	+ 3,000.00
(a) 2.00	1.00	1.50	-0.90+	1.20	2.50	1.75	1.00	1.25
(b) 5.00	2.00	4.00	+ 3.50	+ 6.00	5.00	3.00	5.00	5.00
(c) 7.00	3.00	4.00	+ 2.00	3.00	3.00	3.00	2.00	10.00
(d) 20.00	14.00	20.00	-12.50+	18.00	22.00	26.00	20.00	19.00
(e) 20.00	15.00	22.00	-13.50+	19.00	22.00	25.00	22.00	20.00
(f) 120.00	120.00	125.00	-106.00+	135.00	139.00	122.00	125.00	130.00
(g) 100.00	100.00	100.00	-55.00+	110.00	110.00	100.00	100.00	95.00
(h) 40.00	40.00	45.00	-32.00+	40.00	55.00	42.00	37.00	50.00
(4a) .....	+ 1,000.00	.....	+ 35,000.00	+ 27,000.00	.....	+ 28,000.00	.....	+ 2,000.00
(4b) + 1,300.00	+ 2,300.00	.....	+ 1,500.00	+ 1,400.00	.....	+ 1,400.00	+ 1,315.00	+ 2,000.00
(i) .45	.40	.55	- .30+	.39	.46	.47	.42	.50
(j) .65	.60	.75	- .47+	.60	.75	.68	.60	.80

\*Additional unit bid submitted by R. E. McKee's stripping top soil, minus \$9.20 plus \$9.30.  
 \*\*Bid modified throughout by telegram. Figures listed are those after telegraphic corrections made.  
 All bids forwarded to the office of the Quartermaster General, Washington, D. C., for award (1404) 1st report January 25, 1937.

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other P

ery and materials and miscellaneous equipment and supplies purchased by federal agencies.

## WAR DEPARTMENT

**FORT MASON.**—Until March 11, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-304, for furnishing wire nails, fibre boxes, tin cans, baling rope, tone wire, barrels, liners, strapping, silicate of soda, packing boxes, etc.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 9, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-188, for furnishing paint, turpentine, thinner, white lead, enamel, pigments, etc.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 10, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-67, for furnishing 450 tons base rock, 2 in. and smaller; 450 tons rock for second course, 1½-in. and smaller; and 300 tons pre-mixed asphalt top coat.

Delivery f.o.b. Benicia Arsenal, Benicia.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Mar. 10, 11 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-68, for furnishing 100 c. y. ready-mixed concrete.

Delivery fob San Francisco National Cemetery, Presidio of S. F.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-191, for furnishing steel and brass wood screws, nails, brads, tacks, eschechon pins, gaskets, packing, etc., for the U. S. Dredge Multnomah.

Delivery fob Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-190, for furnishing miscellaneous hardware and pipe fittings for the Dredges Multnomah and H. M. Adams.

Delivery fob Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until March 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing and delivering 15,000 tons of riprap stone at various points along the Sacramento river between the vicinity of the mouth of Cache Slough and Collinsville.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until March 9, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-169, for furnishing 3,600 FBM Douglas fir lumber.

Delivery fob Rio Vista.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 17, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-71, for furnishing 100 sacks portland cement and 75 tons sand for concrete, fine aggregate.

Delivery f.o.b. Fort Baker.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until April 8, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 8392/C.P., for the sale of certain materials, including fire extinguishers, forges, hose, torches, wheelbarrows, ropes, scrap brass and iron, dragline bucket, discharge pipe, etc.

The articles to be sold are at the present time at the U. S. Engineer Storehouse, grounds and wharf, at Rio Vista, where they may be inspected by interested parties.

**FORT MASON.**—Until March 9, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-70, for the rental of one gasoline tractor, 50-60 hp., with bulldozer, and one gasoline power shovel, ½ c. y. capacity.

Delivery f.o.b. Fort Baker.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 16, 2 p. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-314, for furnishing two 1,000-gal. capacity gasoline tanks, two electric gasoline pumps, and one gasoline storage tank of 500-gal. capacity, underground.

Materials are for shipment to Honolulu.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 17, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-315, for furnishing one coffee grinding machine, electrically operated, armature, coils, and adjustment nut.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 17, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-316, for furnishing 4,000 ft. b. m. Douglas fir lumber.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 11, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-197, for furnishing 450 lbs. standard manila rope, one

artificial oil sharpening stone, and 100 ft. pneumatic hose.

Delivery f.o.b. Pier 3½, San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 10, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-192, for furnishing miscellaneous hardware and electrical supplies for the dredge, "A. MacKenzie."

Delivery f.o.b. Piers 3½ and 27, San Francisco Waterfront.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 10, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-193, for furnishing galvanized wire rope clips, hinges, hacksaw blades, tool handles, bolts and nuts, valves, gass, etc.

Delivery f.o.b. Pier 3½, San Francisco Waterfront.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until March 10, 10 a. m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-37, for furnishing galvanized bushings and caps, stop and waste cocks, couplings, ells, faucets, nipples, guides, etc.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until March 10, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-166, for furnishing and delivering miscellaneous castings f.o.b. Rio Vista, as follows:

- (1) One eye for 20-in. shore pipe;
- (2) One lot parts for pipe sleeve bands;
- (3) 4 each, dredge impeller inner wearing rings;
- (4) 4 each, dredge pump outer wearing rings;
- (5) 4 each, dredge pump bushings;
- (6) 4 each, dredge pump head liners (engine side);
- (7) 4 each, dredge pump head liners (suction side);
- (8) 4 each, dredge pump suction mouthpiece liners;
- (9) 2 each, steel railroad rails: (a) new rails, (b) used rails;
- (10) 24 lengths pontoon pipe.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 16, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-312, for furnishing truck replacement parts.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until March 10, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-171, for furnishing one coil of wood-burnt rail range.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

**LOS ANGELES.**—Until March 9, 3 p.m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., for furnishing approximately 36,000 lb. treated round wood piling in 30- and 40-ft. lengths f.o.b. railroad cars at contractor's plant. Circ. Prop. 509-37-274. The items to be bid on are:

**LOT 1**

- (1) 8640 lb. treated piles in 30-ft. lengths (288 pieces);
- (2) 3750 lb. treated piles in 40-ft. lengths (14 pieces).

**LOT 2**

- (1) 15,600 lb. treated piles in 30-ft. lengths (520 pieces);
- (2) 8000 lb. treated piles in 40-ft. lengths (200 pieces).

**FORT MASON.**—Until March 15, 10 a.m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-69, for furnishing paint, turpentine, tackle blocks, window glass, putty, paint brushes, etc. Laidies' bid.

Delivery f.o.b. Paint Shop, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 12, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-309, for furnishing cargoes for soda and acid type and foam type fire extinguishers, hickory axe handles, saws, etc.

Specifications obtainable from the above office.

**U. S. FOREST SERVICE**

**GOVERNMENT ISLAND.**—The U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, will sell the following materials at public auction March 10, 10 a.m.: 10 tons bolts, rivets, nuts and washers; one saw table; 18 steam reciprocating pumps, 10 centrifugal pumps, 3,000 tons brass and copper scrap, one lot truck and tractor parts, etc.

Information obtainable from the above office.

**SAN FRANCISCO.**—Until March 9, 2 p.m., bids will be received by Geo. D. Huestis, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1015, for furnishing 150 cu. fine aggregate and 270 cu. coarse aggregate, for the Chowchilla Creek Bridge.

Delivery f.o.b. Darrah, Calif.  
Specifications obtainable from the above office.

**GOVERNMENT ISLAND.**—Until March 10, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows: BID NO. 4387—36 steel straight edges, nickel-plated, with square edges, 36-in.; f.o.b. Government Island.

BID NO.—4384—10,000 decalcomania varnish transfers; f.o.b. Government Island.

BID NO. 4389—50 abney levels, with cases, f.o.b. Government Island.

Specifications obtainable from the above office.

**GOVERNMENT ISLAND.**—Until March 8, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4360, for furnishing telephone switchboard parts.

Delivery f.o.b. bidder's shipping point and/or Government Island.  
Specifications obtainable from the above office.

**GOVERNMENT ISLAND.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

March 10, 2 P. M.  
BID NO. 4379—2884 pcs. corrugated galvanized steel sheets and 360 ft. ridge roll; f.o.b. bidder's shipping point and/or Arcadia Warehouse site.

Specifications obtainable from the above office

**GOVERNMENT ISLAND.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

March 16, 2 P. M.  
BID NO. 4366—2,000 lbs. No. 7 jute twine; f.o.b. bidder's shipping point and/or Government Island.

March 17, 2 P. M.  
BID NO. 4369—Steel tape repair sleeves; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 10, 2 p.m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1008, for furnishing electric generating and storage unit, less storage battery.

Alternate bids will be received for the unit without gasoline motor.

Delivery f.o.b. bidder's shipping point and/or railroad station, Redding.

Specifications obtainable from the above office

**SAN FRANCISCO.**—Until March 10, 2:30 p.m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, Room 1022, Phelan Bldg., San Francisco, under Bid No. 1009, for furnishing one new horizontal gasoline engine with governor, fuel and water circulating pumps, magneto, etc.

Delivery f.o.b. bidder's shipping point and/or Redding.

Specifications obtainable from the above office.

**NAVY DEPARTMENT**

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

TRACTORS, industrial, 2; Seattle. Sch. 25; March 9.

BRASS, naval, rolled, sheets and angles; Mare Island. Sch. 1051; March 9.

SAW, motor-driven jlg; East and West Yards. Sch. 8; March 9.

DUCK, approximately 26,000 yds. of cotton; East and West Yards. Sch. 24; March 9.

FLASKS, seamless steel; Mare Island. Sch. 31; March 9.

ALUMINUM alloy, sheet; East and West Yards. Sch. 29; March 9.

LATHE, 1, motor-driven turret, and equipment; San Diego. Sch. 4; March 9.

CABLE, electric, low tension; East or West Yards. Sch. 44; March 12.

TUBING, corrosion-resisting steel; Mare Island. Sch. 35; March 12.

GLASSES, water gauge, 147; Mare Island; 326, San Diego. Sch. 47; March 16.

BRUSHES: flowing, sash tool, lettering, varnish and platers; East and West Yards. Sch. 38; March 16.

REDWOOD, approximately 200,000 ft. BM; Mare Island. Sch. 66; Mar. 16.

FILLERS and oils, approximately

1,600; East and West Yards. Sch. 52; March 16.

LITTERS, 30 metal; Mare Island; Sch. 89; March 16.

LUMBER, 112,500 FBM white ash; East and West Yards. Sch. 60; March 16.

BRUSHES, casting, cleaning and platers; East and West Yards. Sch. 46; March 16.

CLEANERS, file; East and West Yards. Sch. 45; March 16.

PEELING machines, 7, electrically-operated vegetable, and spares; Mare Island. Sch. 70; March 16.

WASHING MACHINES, laundry, 2; Puget Sound. Sch. 88; March 16.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

**CALIFORNIA STATE**

**SACRAMENTO, Cal.**—Until March 10, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol Bldg., Sacramento, for furnishing road oils, cutback asphalt and "E" grade asphalt, for the Division of Highways for the period from April 1, 1937 to March 31, 1938.

Deliveries to be made fob various points.

Specifications obtainable from the above office.

**SAN FRANCISCO CITY**

**SAN FRANCISCO.**—Until March 12 3 P. M., bids will be received by A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1745, for furnishing painters' equipment and supplies for apprentice training classes for school department.

Specifications obtainable from the above office.

**TULARE COUNTY**

**PORTEVILLE, Tulare Co., Cal.**—Until March 10, bids will be received by the Board of Trustees of the Porterville Union High School District, Boyde B. Kreider, Clerk, for furnishing: one school bus, and for the sale or trade of one old bus.

Specifications obtainable from the office of the Principal.

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Eastbay Yard Superstructure  
Bids March 31

♦ ♦ ♦

*\$1,850,000 Forest Highway Program  
Announced*

♦ ♦ ♦

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., MARCH 13, 1937

No. 8

## Eastbay Yard Rail Superstructure Bids March 31; Sierra Grading Is Advertised

SACRAMENTO, March 9.—Second contract for the Eastbay Yard facilities for the San Francisco-Oakland Bay Bridge rail service was advertised for bids today by the State Department of Public Works here. Proposals will be opened in San Francisco March 31.

The department today also called for bids on two other projects, located in Sierra and San Diego counties.

The bridge railway job advertised today involves construction of the Eastbay Yard superstructure for bridge railway facilities. Substructure is to be constructed by Bates & Rogers, recently awarded the contract for that portion of the work.

### May Eliminate Overhead

As in the substructure contract, the department reserves the right to eliminate entirely the items covering construction of the Port of Oakland overhead.

Major items include 1,310,000 pounds of structural steel in the Southern Pacific overhead and Twenty-sixth street crossings; 1,400,000 pounds structural steel in catenary bridges; and 1,700,000 pounds structural steel in the Port of Oakland overhead.

The Sierra county project, for which bids will be opened March 31 in Sacramento, involves grading, surfacing and applying oil treatment to 3.9 miles between Goodyear's Bar and Downieville.

### Southern Overpass

Bids will be opened by the State Highway Engineer in Los Angeles April 1 for construction of an overhead crossing over the Atchison, Topeka & Santa Fe tracks near Solana Beach, San Diego Co. Work includes construction of a reinforced concrete bridge and grading and surfacing about one-tenth of a mile of roadway.

### ORDERS AT PEAK

Unfilled orders for electrical goods at December 31, 1936, were the highest since December 31, 1929, Westinghouse Electric and Manufacturing Company reports in its quarterly bulletin. The unfilled order file at the end of 1936 stood at \$48,490,919, the firm reported.

## MANY BIDDERS FIGURE STATE HIGHWAY JOBS

Bridges, Grading Contracts  
Draw Long List of  
Proposals

SACRAMENTO, Mar. 10.—Bids on two contracts were opened here today by the State Division of Highways, with a total of 26 proposals submitted for the two contracts.

Longest list of bidders was attracted by a 4.6 mile-grading and surfacing project in San Joaquin and Stanislaus counties between Vernalis and Gates Road. Fifteen proposals were received for this contract, the lowest being that of Basich Bros., 20530 Normandie avenue, Torrance, at \$46,285.

Second and third low bidders, respectively, were A. Teichert and Son, Inc., Sacramento, at \$48,762; and Leo F. Piazza, San Jose, at \$49,393.

### Four Bridges

Ten contractors submitted bids for construction of four reinforced concrete bridges in Glenn county about four miles east of Butte City. Low bidder was Chas. Kuppinger, Box 356, Lakeport, with a proposal of \$48,289.

Second and third low bidders for the bridge contract were F. O. Bohnett, San Jose, at \$52,208; and Frederickson & Watson Construction Corp. and Frederickson Bros., Oakland, at \$53,458.

Bidding range on the bridge contract was nearly \$20,000, and on the grading and surfacing job about \$19,000.

With few state highway projects advertised recently, bidding on the division's work became the center of interest for many contractors, a large number of whom are expected to figure contracts which Chief Engineer C. H. Purcell authorized advertised yesterday.

New orders for oil burners taken during December, 1936, amounted to 11,135, a substantial increase over the total of 7,765 for the same month in 1935, the Bureau of Census reports.

## BELL LOWEST BIDDER FOR GRADING JOB

Figures Work at \$398,860;  
Bids Lacking For the  
Second Contract

Ralph A. Bell, Sherlock building, Portland, yesterday submitted the lowest of two bids to the U. S. Bureau of Public Roads in San Francisco for grading about four miles in Fresno and Tulare counties. Total amount of Bell's proposal was \$366,191.

Only other bidder for the big contract was D. W. Thurston of Los Angeles, who submitted a bid of \$398,860.

The project is located on Section A of the Fresno - General Grant Park Approach road, Sequoia National Forest.

### Excavation Big Item

Major bidding item was 304,000 cubic yards of unclassified road-way excavation. On this item Bell's unit price was \$1.03 per cubic yard while Thurston's bid was \$1.15.

A second contract, for which proposals were to have been opened by District Engineer C. H. Sweetser today, went begging when no bids were received. It called for placing a bituminous treated crushed rock base course on Route 1, the Generals Highway, General Grant National Park, and on Section C and a portion of Section B of the General Grant-Sequoia Park approach road in Tulare and Fresno counties. Length of the project is about 6.13 miles.

### CLASS IN GEOLOGY

A University of California Extension course, General Geology, will open in Oakland, 1730 Franklin street, Thursday, April 15.

## MAP \$1,850,000 PROJECTS FOR COMING YEAR

Bureau Lists 10 California,  
One Nevada, Seven  
Arizona Jobs

Projects in the \$1,850,000 National Forest Highway Program for California, Arizona and Nevada for the fiscal year 1937-38, beginning July 1, as approved by Secretary of Agriculture Wallace, were revealed by the Bureau of Public Roads yesterday.

The bulk of the allotment goes to California for the maintenance of about 66 miles of forest highways and ten construction projects costing from \$6,000 to \$250,000. Arizona will receive \$494,377 for seven projects.

To Nevada goes \$154,723 for the maintenance of 25 miles of forest highway, and the grading of Section B of the Owyhee River project. The Owyhee River project will cost approximately \$140,000, and will consist of grading five miles of highway northward to Section A.

California and Arizona projects, including estimated costs, follow:

### CALIFORNIA

27-B1,C1-Sieraville-Hobart, \$70,000. Base course abutting of Sections B and C, 7.95 miles.

73-C1,D1,E2-Laguna, \$30,000. Allotment to be used with 1937 funds for bituminous surface treatment (road mix) of the existing disintegrated gravel material on the three sections, 14.3 miles.

81-A2,E2-Mammoth Lakes, \$50,000. Additional selected material where needed and for bituminous surface treatment (road mix) of the existing material on Sections A and B, approximately 9 miles.

74-A7-North Fork, \$60,000. Additional liquid asphalt road material on existing surface of Section A, approximately 4.3 miles.

77-D4,E4,H2-Mount Shasta - Mount Lassen, \$115,000. Armor coat surfacing of section, approximately 23 miles.

7B-Mendocine Pass, \$40,000. To continue day labor improvement now underway. Clearing and grading about six miles of roadway.

28-D-Sonora Pass, \$120,000. Grading and construction of a bridge on Section B between Pinchurst and Strawberry, about 1.8 miles.

61-D-Angles Crest, \$185,000. To continue grading of route. Exact section and amount of work to be determined by funds available.

77-J-Mt. Shasta-Mt. Lassen, \$250,000. Grading of the remaining uncompleted section between Four Corners and Clayton, including construction of a bridge over Lake Britton "Narrows", approximately 5 miles.

87-A-Clarks Fork, \$200,000. Grading and construction of three bridges on six mile section from south terminus of route to a point near Arnot Creek, with consideration of construction to Iceberg Meadow, approximately three miles, if funds permit.

## LET ENGINEERING SHOP CONTRACT

SACRAMENTO, March. 10.  
—Contract for construction of the engineering shops and repair dock at the \$7,000,000 Sacramento Army air depot was awarded today to MacDonald & Kahn Co., Ltd., 200 Financial Center building, San Francisco. Major Arthur W. Parker, constructing quartermaster, announced. Contract price is \$1,583,251.

The firm's low basic bid for the work was \$1,589,851. Final contract price was determined by selection of alternates, deductions being made for an alternate type of roofing, and for variation in glass in exterior doors. Nine bidders submitted proposals for the work last month.

## Board Will Hold Two-Day Meeting

The Contractors' State License Board will hold its regular meeting in Sacramento next week, Registrar Earl Anderson reported yesterday. The board will meet Friday and Saturday, March 19 and 20, Anderson said.

The meeting will be the first which Clarence Eaton, new board member, will attend in his official capacity. He was appointed recently to complete the unexpired term of Warren G. Bechtel, who resigned.

### ARIZONA

3-E-Flagstaff-Clints Well, \$60,000. Section D is now under construction. Extending construction 4 miles to south end of Mormon Lake. The project will consist of grading and installing drainage structures.

7-B1-Oak Creek, \$75,000. Construction of Wilson Canyon Bridge and approaches.

11-E-Payson - Colcord Mountain, \$50,000. For construction of Tonto Creek Bridge and approaches, and grading and draining roadway as far west from Tonto Creek as funds permit.

19-B3-Clifton-Alpine, \$35,000. Section B2 under construction. Continue grading and draining additional section about three miles in length.

28-C3-D2-Fredonia-Houserock Valley, \$55,000. Light surface treatment of asphaltic road material on Sections C and D of the route about 16.5 miles in length. The proposed work is from Jacobs Lake to north forest boundary.

30-A2,B2,C1-Globe-Show Low, \$65,000. Section C under construction. Placing heavy gravel base course on Section C and previously constructed Sections A and B with the intent of bringing these sections of this important highway to a high stage of construction.

33-unit 1-Catalina Highway, \$70,000. To augment present balances on the project which will be expended in extending the present grading and draining work on the first unit.

## ACTION SOON ON AMENDMENT TO WAGE RULE

Amendment Would Require  
City To Pay Scale When  
Bidding Work

City employees will be paid the prevailing wage scale on jobs for which city departments bid against private contractors if an amendment to the contract procedure ordinance, approved by the San Francisco Board of Supervisors at first reading, Monday, is given final approval.

The ordinance reads, in part: "Appropriate City and County Departments may file sealed bids for execution of any work to be performed under a contract . . . If the bid of a City and County Department, as investigated and approved by the Controller, is the lowest, the contract shall be awarded to the department . . ."

The amendment passed at first reading by the Supervisors states: "Provided that in the execution and performance of any contract awarded to a city department under the provisions of Section 95 of the Charter, not less than the wage scale fixed by the Board of Supervisors in the Prevailing Wage Resolution in effect at the time of the award of such contract shall be paid to employees performing work under such a contract."

### Approved by Committee

The amendment was placed before the Finance Committee by Controller Levy last Friday, and approved by them. It must be approved by the Supervisors at second reading and final passage, and signed by the Mayor before becoming effective.

Coincident with the approval of the amendment, the San Francisco Civil Service Commission held a meeting to discuss changes in the wage scales now in effect for various city departments. Doubt is expressed in some quarters that it will be permissible to pay workers in the building and streets departments of the city under two different wage scales; one for city work and the other for work on jobs in which the city was the successful bidder against private contractors.

## PUBLISH HISTORY OF REFRIGERATION

"Yesterday and Today in Refrigeration," a 15-page booklet containing a brief survey of the principles and history of refrigeration, together with an explanation of the operation of a modern electric refrigerator, is a recent publication of the Temperature Research Foundation, a division of Natch-Kelvinator Corp., 420 Lexington avenue, New York City. Copies of the booklet may be obtained without charge upon application to the foundation.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
488	Murphy	Owner	5000
489	Murphy	Owner	5000
490	Murphy	Owner	5000
491	Alfonso	Owner	5700
492	Alfonso	Owner	5700
493	Alfonso	Owner	4800
494	Meyer	Owner	4000
495	De Benedetti	Owner	4000
496	De Benedetti	Owner	4000
497	Becker	Kinley	3000
498	Leregen	Owner	3500
499	Hibernia	Mullens	13077
500	Marshall	Owner	2000
501	Standard	Owner	4000
502	Thompson	Lindgren	4000
503	Olson	Owner	4000
504	Brandon	Cicerone	5000
505	Jordaa	Campbell	4000
506	Christensen	Owner	4000
507	Christensen	Owner	4000
508	Christensen	Owner	4000
509	Arnott	Owner	4000
510	Anderson	Owner	3250
511	Anderson	Owner	3250
512	Honeccorsl	Morkoon	1780
513	Kuhn	Trullin	2000
514	Leregen	Owner	3500
515	Johnson	Owner	4900
516	Lydeard	Aetna	2000
517	Mendo	Janssee	4000
518	Stoneson	Owner	5000
519	S & G	Mullen	5000
520	Doelger	Owner	5000
521	Doelger	Owner	5000
522	Doelger	Owner	5000
523	Kendrick	Hansell	3000
524	Harrison	Messenger	1000
525	North	Owner	2000
526	Arco	Owner	3000
527	Bruntton	Neuman	1000
528	McCann	Coburn	1000
529	Rousseau	Owner	4000
530	Rousseau	Owner	4000
531	Rousseau	Owner	4000
532	Rousseau	Owner	4000
533	Rousseau	Owner	4000
534	Rousseau	Owner	4000
535	Rousseau	Owner	4000
536	Rousseau	Owner	4000
537	Rousseau	Owner	4000
538	Rousseau	Owner	4000
539	Becker	Kinley	3000
540	Williams	Williams	3600
541	Hornor	Edwards	1000
542	Withers	Progressive	4000
543	Coles	Owner	4000
544	Palace	Walker	4000
545	Leahy	Star	1000
546	Arnott	Owner	4000
547	Berwick	Owner	4000
548	Berwick	Owner	4000
549	Costello	Owner	4000
550	Costello	Owner	4000
551	Costello	Owner	4000
552	Costello	Owner	4000
553	Costello	Owner	4000
554	Costello	Owner	4000
555	Simon	Wagner	4000
556	Heyman	Owner	4500
557	Clat	Oliva	2750
558	Skavlan	Hocking	1000
559	Lurie	Cahill	6000
560	Esmiol	Paratore	1500
561	Esmiol	Paratore	11000
562	Rasmussen	Owner	4000
563	Bredeson	Owner	4000
564	Kaplan	Meinberger	1000
565	Doelger	Owner	5000
566	Bass	Mager	5485
567	Owl	Dunn	2000

**DWELLING**  
 68) E. KITTREDGE, 55 N GOL-  
 DEN GATE. One-story and base-  
 ment frame dwelling.  
 Owner—John Murphy, 350 Claremont  
 Blvd.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$5000

**DWELLING**  
 (489) E. KITTREDGE, 80 W GOL-  
 DEN GATE. One-story and base-  
 ment frame dwelling.  
 Owner—John Murphy, 350 Clara-  
 mont.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$5000

**DWELLING**  
 (490) E. KITTREDGE, 30 N GOL-  
 DEN GATE. One-story and base-  
 ment frame dwelling.  
 Owner—John Murphy, 350 Clara-  
 mont.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$5000

**DWELLING**  
 (491) N. CASTENADA, 96 E 12TH  
 AVE. Two-story and basement  
 frame dwelling.  
 Owner—Jose H. Rifonzo, 325 deYoung  
 Bldg.  
 Architect—Not Given. \$5700

**DWELLING**  
 (492) N. CASTENADA, 64 E 12TH  
 AVE. Two-story and basement  
 frame dwelling.  
 Owner—Jose H. Alfonso, 325 deYoung  
 Bldg.  
 Architect—Not Given. \$5700

**DWELLING**  
 (493) NE TERESITA, 335 SE POR-  
 TOLA DR. One-story and base-  
 ment frame dwelling.  
 Owner—Meyer Bros, 735 Portola Dr.  
 Architect—Not Given. \$4000

**DWELLING**  
 (494) NE TERESITA, 358 PORTO-  
 LA DR. One-story and basement  
 frame dwelling.  
 Owner—Meyer Bros, 735 Portola Dr.  
 Architect—Not Given. \$4000

**DWELLING**  
 (495) E. CAYUGA, 115 S SAN JU-  
 AN AVE. One-story and base-  
 ment frame dwelling.  
 Owner—A. De Benedetti & Son, 100  
 Brazil St.  
 Architect—Not Given. \$4000

**DWELLING**  
 (496) E. CAYUGA, 140 S SAN  
 JUAN. One-story and basement  
 frame dwelling.  
 Owner—A. De Benedetti & Son, 100  
 Brazil.  
 Architect—Not Given. \$4000

**DWELLING**  
 (497) S. GARFIELD, 75 W VIC-  
 TORIA. One-story and basement  
 frame dwelling.  
 Owner—H. T. Becker, 1977 Ocean  
 Ave.  
 Contractor—J. M. Kinley, 206 Judah  
 St.  
 Architect—Not Given. \$3000

**DWELLING**  
 (498) W. 40TH AVE, 100 N KIRK-  
 HAM. One-story and basement  
 frame dwelling.  
 Owner—J. Leregen, 241 6th St.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (499) 775 MARKET. Alter ticket  
 office.  
 Owner—Hibernia Savings & Loan  
 Assn., McAllister and Jones Sts.  
 Contractor—Mullens Mfg. Co., 60  
 Raush.  
 Architect—Not Given. \$13,077

**ALTERATIONS**  
 (500) 234 SPEAR. Alter warehouse.  
 Owner—Marshall Newell Supply Co.,  
 Spear and Mission.

Contractor—J. H. Hand, 128 Russ  
 St.  
 Architect—Not Given. \$2000

**SERVICE STATION**  
 (501) SE COR. VAN NESS AND  
 CHESTNUT. One-story steel  
 service station.  
 Owner—Standard Oil Co., 225 Bush  
 St.  
 Architect—Not Given. \$3000

**FLATS**  
 (502) W. NOE, 46 W 16TH ST. Two-  
 story frame flats.  
 Owner—A. Thompson, 280 Noe.  
 Contractor—A. C. Lindgren, 346 Low-  
 ell.  
 Architect—D. E. Jaekle, 126 Post St.  
 \$4000

**STORE**  
 (503) NE COR. 31ST AVE. AND  
 JUDAH. One-story frame store.  
 Owner—Carl Olson, 1356 31st Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (504) W. ALMADEN CIRCLE, 55 N  
 ANZA. One-story and basement  
 frame dwelling.  
 Owner—John and Paulette Brandon,  
 64 Flora St.  
 Contractor—The Cicerone Co., 1101  
 Potrero.  
 Architect—Not Given. \$5000

**DWELLING**  
 (505) W. 26TH AVE, 225 S RIVE-  
 RA. One-story and basement  
 frame dwelling.  
 Owner—Rudolph Jordan, 1014 Santi-  
 ago.  
 Contractor—Fred. L. Campbell, 30  
 Grafton Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (506) W. 28TH AVE, 65 S RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Herman Christensen, 1801  
 19th Ave.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$4000

**DWELLING**  
 (507) E. 29TH AVE, 75 S RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Herman Christensen, 1801  
 19th Ave.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$4000

**DWELLING**  
 (508) W. 28TH AVE, 90 S RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Herman Christensen, 1801  
 19th Ave.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$4000

**DWELLING**  
 (509) W. SAN ALESO 197 N Upland  
 Drive. One-story and basement  
 frame dwelling.  
 Owner and Builder—Jas. Arnott and  
 Son, 623 Taraval  
 Architect—Not Given. \$4,000

**DWELLING**  
 (510) W. 30th AVE, 225 N Taraval  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—N. W. Anderson,  
 2427 24th Avenue  
 Architect—Not Given. \$3,250

**DWELLING**  
 (511) W. 30th AVE 250 N Taraval  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—N. W. Anderson.

- 2427 24th Avenue.  
Architect—Not Given. \$3,250
- ALTERATIONS**  
(512) 511 GREEN ST. Alter flats.  
Owner—S. Bonocors, premises.  
Contractor—G. Moriconi, 1670 Chestnut Street.  
Architect—Not Given. \$1780
- ALTERATIONS**  
(513) 166 ARGUELLO BLVD. Alter dwelling.  
Owner—E. E. Kuhn, care contractor.  
Contractor—A. L. Thulin, 63 Brady.  
Architect—Not Given. \$2,000
- DWELLING**  
(514) W 40th AVE. 100 N Kirkham. One - story and basement frame dwelling.  
Owner and Builder—J. Leregen, 241 Sixth Street.  
Architect—Not Given. \$3,500
- DWELLING**  
(515) W 28th AVE. 100 N Rivera. One - story and basement frame dwelling.  
Owner and Contractor — J. Harold Johnson, 771 28th Ave.  
Architect—Not Given. \$4,900
- ALTERATIONS**  
(516) 212 CHATTANOOGA ST. Alter dwelling.  
Owner—G. W. Lydeard, premises.  
Contractor—Aetna Hardwood Floor Co., 951 Buchanan St.  
Architect—Not Given. \$2,000
- DWELLING**  
(517) N BALBOA 100 E 48th Ave. One - story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement.  
Contractor—E. A. Janssen, 1136 Clement Street.  
Architect—Not Given. \$4,000
- DWELLING**  
(518) W JUNIPERO SERRA 513 N Ocean Ave. Two-story and basement frame dwelling.  
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.  
Architect—Not Given. \$5,000
- ALTERATIONS**  
(519) 260 POST ST. Alter store.  
Owner—S. and G. Gump Co., 260 Post Street.  
Contractor—Mullen Mfg. Company, 60 Rausch Street.  
Architect—Not Given. \$3,000
- DWELLING**  
(520) E 16th AVE. 142 S Ortega. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000
- DWELLING**  
(521) E 16th AVE. 212 S Ortega. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000
- DWELLING**  
(522) E 16th AVE. 177 S Ortega. One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000
- ALTERATIONS**  
(523) 2701 PIERCE Street Alter dwelling.  
Owner—Chas. Kendrick, premises.  
Contractor—George H. Hansell, 1834 Geary Street.  
Architect—Warren C. Perry, 260 California Street. \$3,000
- ALTERATIONS**  
(524) 2120 LYON ST. Alter dwelling.  
Owner—R. W. Harrison, premises
- Contractor—J. Messenger, 1507 Lincoln St., Berkeley.  
Architect—Warren C. Perry, 260 California St. \$1,000
- ALTERATIONS**  
(525) 1741 POWELL. Alter theatre.  
Owner—North Beach Theatres, Inc., 25 Taylor.  
Contractor—Not let.  
Plans by J. A. Cantin, 64 Pine St.  
Engineer—W. Adrian, 417 Market. \$20,000
- DWELLING**  
(526) E. HEAD, 125 N RANDOLPH. One-story and basement frame dwelling.  
Owner—Aero Bldg. Co., 5401 Mission.  
Architect—Not Given. \$3,000
- ALTERATIONS**  
(527) 1456-60 PINE ST. Alter offices.  
Owner—Julius Brunton & Sons, Prem.  
Contractor—C. C. Neuman, 507 Brannan.  
Architect—Not Given. \$1,000
- ALTERATIONS**  
(528) 363 DOUGLAS. Alter dwelling.  
Owner—Robert S. McCann, 2048 Market.  
Contractor—Ira W. Coburn, 2048 Market St.  
Architect—Not Given. \$1,000
- DWELLING**  
(529) W. TAMALPAIS, 215 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(530) W. TAMALPAIS, 140 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(531) W. ROSELYN, 140 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(532) W. TAMALPAIS, 190 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(533) W. TAMALPAIS, 115 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(534) W. ROSELYN TERRACE, 215 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny St.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(535) W. TAMALPAIS, 165 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(536) W. ROSELYN, 90 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(537) W. ROSELYN TERRACE, 165 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny St.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(538) W. ROSELYN TERRACE, 190 S TURK. One-story and basement frame dwelling.  
Owner — Oliver M. Rousseau, 321 Kearny.  
Architect — William Gunnison, 1666 Golden Gate Ave. \$4,000
- DWELLING**  
(539) N. GARFIELD, 25 E ARCH. One-story and basement frame dwelling.  
Owner—H. F. Becker, 1967 Ocean Ave.  
Contractor—J. M. Kinley, 206 Judah St.  
Architect—Not Given \$3,000
- DWELLING**  
(540) E. HOLLADAY, 160 N EVE. One-story and basement frame dwelling.  
Owner—J. E. Williams, care Contractor.  
Contractor—Williams Constr Co., 137 Shakespeare.  
Architect—Not Given \$3,600
- ALTERATIONS**  
(541) 2518 JACKSON. Alter dwelling.  
Owner—Dr. Warren D. Horner, 2339 Lake St.  
Contractor—Henry W. Edwards, 432 39th Ave.  
Architect—Not Given \$1,000
- DWELLING**  
(542) Two - story and basement frame dwelling.  
Owner—W. J. Withers, 1214 15th Ave  
Contractor — Progressive Bldg. Co. 231 Bosworth St. \$4,000
- DWELLING**  
(543) E. 39TH AVE., 275 S JUDAH One-story and basement frame dwelling.  
Owner—Walter P. Coles, 636 33rd Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$400
- ALTERATIONS**  
(544) SW COR. MARKET AND NEW MONTGOMERY. Alite Class A Broadcast Station.  
Owner—Palace Hotel Co., Palace Hotel.  
Contractor—P. J. Walker Co., Sharo Bldg.  
Architect—Bliss & Fairweather, Babson Bldg., and R. J. Fisher Crocker Bldg. \$40,000
- ALTERATIONS**  
(545) 70 EDDY ST. Alter theatre.  
Owner—Ernestine Leahy, care Contractor.  
Contractor — Star Ornamental Iron Works, 227 Bay St.  
Plans by H. E. Hammill, 381 Bush St \$10
- DWELLING**  
(546) SW RIVERA AND 15TH A Two-story and basement frame dwelling.  
Owner—Jas. Arnott & Son 633 Tar  
Architect—Not Given. \$40

**DWELLING**  
(547) W. ALEMANY, 325 S Lyell.  
One-story and basement frame dwelling.  
Owner—A. Berwick, 1525 Noe St.  
Architect—Not Given. \$4000

**DWELLING**  
(548) W. ALEMANY, 300 S Lyell.  
One-story and basement frame dwelling.  
Owner—A. Berwick, 1525 Noe St.  
Architect—Not Given. \$4000

**DWELLING**  
(549) W. 7TH AVE., 300 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—Michael Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(550) W. 7TH AVE., 250 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—Michael Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(551) W. 7TH AVE., 275 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—Michael Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(552) W. 7TH AVE., 325 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—Michael Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(553) W. 7TH AVE., 225 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—Michael Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(554) W. 7TH AVE. 325 S KIRK-HAM. One-story and basement frame dwelling.  
Owner—M. Costello, 821 34th Ave.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(555) N. ARMSTRONG AVE., 100 E MENDELLE. Alter factory.  
Owner—Simon Mattress Mfg. Co., Yosemite Ave. and Mendell Sts.  
Contractor—Geo. Wagner, 181 South Park.  
Engineer—W. W. Hanscom, 848 Clayton St. \$4,000

**DWELLING**  
(556) W. COLBY, 238 N SILVER AVE. One-story and basement frame dwelling.  
Owner—Heyman Bros., 742 Market.  
Architect—Not Given. \$4500

**ALTERATIONS**  
(557) 467 DUBOCE AVE. Alter dwelling.  
Owner—E. Clat. Prem.;  
Contractor—Victor Oliva, 2731 34th St.  
Architect—Not Given. \$2750

**ALTERATIONS**  
(558) 1735 LAKE ST. Alter apartments.  
Owner—Fred Skavlan, Prem.  
Contractor—Hocking Service, 2216 Client.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(559) 333 MONTGOMERY. Alter office building.  
Owner—The Lurie Co., Prem.  
Contractor—Cahill Bros., 206 Sansome.

Architect—W. D. Peugh, 333 Montgomery.  
Engineer—F. W. Kellberg, 320 Market. \$6000

**ALTERATIONS**  
(560) NW STOCKTON AND VALLEJO. Alter stores.  
Owner—A. Esmiol, care Contractor.  
Contractor—R. Paratore, 549 Fell St.  
Architect—Fabre & Hildebrand, 110 Sutter. \$1500

**ALTERATIONS**  
(561) NW COR. STOCKTON AND BROADWAY. Alter store and offices.  
Owner—A. Esmiol, care Contractor.  
Contractor—R. Paratore, 549 Fell St.  
Architect—Fabre & Hildebrand, 110 Sutter. \$11,000

**APARTMENT**  
(562) NW WORTH POINT AND BRODERICK. Three- story and basement frame apartment.  
Owner—Viggo Rasmussen, 1695 No. Point.  
Architect—R. R. Irvine, 2048 Market St. \$40,000

**DWELLING**  
(563) W. VERNON, 163 S GARFIELD. One-story and basement frame dwelling.  
Owner—Oliver Bredeason, 1077 14th St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(564) 2401 GREEN. Alter dwelling.  
Owner—Walter Kaplan care Contractor.  
Contractor—H. S. Meinberger, 956 Polson.  
Architect—Alfred Williams, Oakland. \$1000

**DWELLING**  
(565) W. 16TH AVE., 534 S MORAGA. One-story and basement frame dwelling.  
Owner—Henry Doelger, Bldr., 320 Architekt—Not Given. \$5900

**DWELLING**  
(566) 107 S URBANO DRIVE. One-story and basement frame dwelling.  
Owner—Thomas J. Bass, 944 Phelan Bldg.  
Contractor—Mager Bros. and Sons, 1359 4th Ave.  
Architect—Martin Rist, Phelan Bldg. \$5,485

**ALTERATIONS**  
(567) 710 MARKET. Alter store.  
Owner—The Owl Drug Co., 657 Mission.  
Contractor—Louls C Dunn, Inc., 681 Market St.  
Architect—Not Given. \$2000

ALAMEDA COUNTY

784 Windsor	Owner	9500
785 Harrison	Sigwald	9900
784 Houston	Kraus	4900
785 Bohannon	Owner	5500
786 Tye	Owner	2000
787 Bohannon	Owner	5500
788 Anderson	Owner	4000
789 Clark	Owner	1500
790 Rolloway	Armstrong	8000
791 Gould	Owner	7800
282 Leithmann	Owner	3200
282 Whipple	Owner	2500
284 Tanner	Owner	2500
295 Morgensen	Owner	5500
296 Scammel	Owner	5000
297 O'Brien	Davis	3400
298 Doer	Teigland	6500
299 B	Owner	7250
300 Welch	Owner	1500
301 Cobbe	Sorensen	6500
302 Taylor	Drapar	35000
303 Carlson	Owner	4400
304 Monbert	Owner	1000
305 Saumas	Owner	5000
306 Griffith	Griffith	4250

307 Wolff	Acme	4500
308 Hoffman	Johnson	3000
309 Dupasquier	Webb	1285
310 Blanchfield	Hutchison	4300
311 Y W C A	Booth	2400
312 Comotto	Prunetti	3250
313 Comotto	Prunetti	3100
314 Fischer	Peterson	4500
315 Lodge	Rosenberry	1200
316 Boggis	Tollefsen	5000
317 Scammell	Owner	5000
318 Crocker	Crocker	5000
319 White	Cahill	11000
320 Anderson	Owner	2600
321 Sims	Owner	2900
322 King	Page	12200
323 Nelson	Peters	3650
324 Nelson	Peters	3150
325 Hawley	Van Aalst	2450
326 Hawley	Van Aalst	2450
327 Hawley	Van Aalst	2450
328 Hawley	Van Aalst	2450
329 Bonds	Owner	5000
330 Guinan	Owner	4000
331 Kraft	Glynn	8500
332 Lervik	Lervik	5000
333 Central	Owner	3200
334 Marks	Van Aalst	5000
335 Pederson	Kraiser	4750
336 McCrum	Lelter	4400
337 Turner	Owner	2000
338 Texas	Early	6000
339 White	MacDonald	6900
340 Fong	Soder	1500
341 Elmhurst	Thrams	4000
342 Wellington	Altermatt	1000
343 Madison	Jordan	4500

**RESIDENCE**  
(784) 44 SHARON AVE., PIEDMONT. Two-story 8-room residence and garage.  
Owner & Builder—George Windsor, 11 Sharon Ave.  
Architect—Not Given. \$9500

**RESIDENCE**  
(785) 539 BLAIR AVE., PIEDMONT. Two-story 8-room residence and garage.  
Owner—L. B. Harrison, 506 Blair Ave.  
Contractor—Sigwald Bros., 916 Alma Ave.  
Architect—Ray Keefer. \$9900

**DWELLING**  
(784) 5657 COLTON BLVD., OAKLAND. One-story 5-room dwelling.  
Owner—L. Stanley and W. L. Houston, Oakland, Calif.  
Contractor—W. J. Kraus, 1310 Marin Ave.  
Architect—Not Given. \$4600

**DWELLING**  
(785) 3400 MIRASOL AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—David D. Bohannon Organization, 331 17th St.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(786) 1559 SAN PABLO AVENUE, OAKLAND. Alterations.  
Owner & Contractor—Chas. E. Tye, Prem.  
Architect—Not Given. \$2000

**DWELLING**  
(787) 8519 MIRASOL AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—David D. Bohannon Org., 331 17th St.  
Architect—Not Given. \$5500

**DWELLING**  
(788) 1758 LEIMERT BLVD., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. Alfred Anderson, 1417 8th Ave.  
Architect—Not Given. \$4000

**UTILITY HOUSE**  
(789) 10171 FOOTHILL BLVD., OAKLAND. One-story 6-room utility house.

Contract awarded under Items 1, 2, 3 and 3b.  
Complete bids Published July 14.

## 8— CLUB BUILDINGS

### COMPLETING PLANS

**PALM SPRINGS, Riverside Co., Calif.**—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for a 2-story reinforced concrete building, to be known as the Desert Club, to be built at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Plans are also being made for a swimming pool, dressing rooms and tennis courts. Estimated cost, \$100,000.

**Planned**  
**LABOR TEMPLE** Cost, \$200,000  
SEATTLE, Wash. 3rd and Broadway.

Three-story concrete and fireproof Seattle Labor Temple.  
Owner—Labor Temple Assn., Bert Swain, Secy. and Mgr.  
Architect—Not Selected.

Old site at 6th and University will be sold and building razed when new structure is completed.

### CONTRACT AWARDED

**PALM SPRINGS, Riverside Co., Calif.**—Gay Realty, contractor, and Lumber Co., Big Bear, will build the first unit of a club building, to be known as the Desert Club, at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Mr. Malby will also build two dressing room buildings, swimming pool, tennis and badminton courts, and a drill water well on the site. S. Chas. Lee, architect, 1648 Wilshire Blvd., Los Angeles. 8

## 9— HOSPITALS

### PLANS BEING FIGURED

**HUNTINGTON PARK, Los Angeles Co., Calif.**—Architect Gene Verge, 604 Beaux Arts Bldg., Los Angeles, has completed plans and is taking bids until Aug. 3 from a selected list of contractors for a 2-story class A reinforced concrete structure to be built at 7130 S. Mission Place, Huntington Park, for the Mission Hospital. Cost, \$75,000.

**Bids Opened**  
**HOSPITAL WING** Cost, \$33,877  
VALLEJO, Solano Co., Calif.  
Addition of one-story and basement wing (40 x 110 ft) to the Vallejo General Hospital; concrete walls, wood floors, tile roof.

Owner—Vallejo General Hospital.  
Architect—Edward B. French, Jr., 1522 Rice St., Vallejo.  
Low Bidder—Geo. F. Baranchi, 921 Kentucky St., Vallejo, \$33,877.

Complete basic bids follow:  
Geo. F. Baranchi, Vallejo, \$33,877.  
David Faganini, San Francisco, \$34,413.  
Geo. J. Maurer Co., Piedmont, \$37,123.  
Karl S. Keller, Crockett, \$44,804.  
Arthur Erickson, Vallejo, \$45,156.  
Bids held under advisement.

**Contract Awarded**  
**HOSPITAL** Cont. Pr. \$72,392  
HOLLISTER, San Benito Co., Calif.

One-story reinforced concrete hospital building and almshouse (16 2-bed rooms for elderly indigents, 2 hospital rooms for sick people, operating and X-ray rooms, kitchen and dining room, laboratory, recreation rooms, delivery room, infants' room), composition roofing, linoleum floors, steel sash with metal trim, oil burning heating system, etc., constructed around central patio.  
Owner—County of San Benito (Elmer Dowdy, clerk).  
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Contract awarded under Items 1, 2 and 3. Complete bids published on July 20.

### Bids Opened

**BOULEVARD** Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
State Hospital Farm.  
Construction of boiler at Farm.  
Owner—State of California, Dept. of Institutions.  
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.  
Low Bidder—Walter S. Leland Co., Walnut Creek—\$22,989.

Complete bids follow:  
Walter S. Leland Co., Walnut Creek.....\$22,989  
R. G. Neyler, L. A. .... 28,600  
C. C. Moore & Co. Engineers, S. F. .... 25,746

## 10— HOTELS

### PREPARING PLANS

**LOS ANGELES CO., Calif.**—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have prepared sketches for a hospital building to be erected in the block bounded by Reno, Occidental, Council and Glassell Streets for St. Ann's Maternity Hospital, to be operated by the Queen of the Angels Hospital. It will cost approximately \$100,000.

July 26, 1937.

### PREPARING PLANS

**PALM SPRINGS, Riverside Co., Calif.**—Architect Wesley Eager, 505 Architects' Bldg., Los Angeles, is preparing plans for a clubhouse and a group of hotel buildings, to be known as the Palm Springs Desert Club, for Dudley Edelman. Buildings to be built on site 640 x 2400 ft. in area and will total 19 in number. Swimming pool, bathhouses, stables and practice track, garages, tennis and badminton courts. Cost estimated at \$150,000.

### PLANS BEING FIGURED

**MOJAVE, Kern Co., Calif.**—Mrs. M. E. Mohley, Mojave, is taking general contract bids for a 2-story, reinforced concrete hotel building (140 x 150 ft.) and an automobile service station she proposes erecting in Mojave. Chas. C. Frye, architect, 404 San Fernando Road, L. A.

**Preparing Preliminary Plans**  
**HOTEL** Cost, \$1,500,000  
SEATTLE, Wash. NE 13th Ave. and Multnomah St.

Steel and concrete hotel building with central tower about 20 stories high, surrounded by subordinate units 4 to 6 stories high; total of 350 hotel rooms.  
Owner—Lloyd Corporation, Ralph B. Lloyd, Pres., 5410 Wilshire Blvd., Los Angeles.  
Architect—Claude Beelman, Los Angeles.

**Sub Bids Now Being Taken**  
**MARQUEE, ETC.** Cost, \$.....  
SAN FRANCISCO Eddy and Jones Streets.

New marquee and new entrance to Herald Hotel.  
Owner—W. H. Kett.  
Architect—Conrad T. Kett, 519 California St.  
Mr. Kett is now taking sub bids (2931).

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

### BIDS WANTED

**MERCED, Merced Co., Calif.**—Until August 2 8 P. M., bids will be received by the City of Merced, W. T.

Clough, City Clerk, for remodeling of the Council Chambers of the City Council in the City Hall.

Plans and specifications are on file with the City Clerk.

### BIDS WANTED

**SAN FRANCISCO**—Until July 25, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.  
Specifications may be obtained from the office of Superintendent of Public Buildings, R. A. Chisholm, 484 11th St.

### BIDS WANTED

**OAKLAND, Alameda Co., Calif.**—Until August 10, 10 a.m. (as previously reported), bids will be received by the Board of Supervisors of Alameda County, G. E. Wade, Clerk, for the construction of a new one-story, steel and reinforced concrete County Garage Building on the south side of Thirteenth Street, between Jackson and Madison Streets, Oakland. Estimated cost, \$45,000.

Plans and specifications may be obtained at the office of the Clerk, County Court House, 12th and Fallon Streets, upon deposit of \$25.

**Bids Wanted—To Close August 10, 7:30 P. M.**

**JAIL** Cost, \$14,000  
WATSONVILLE, Santa Cruz Co.

One-story reinforced concrete jail building (3 offices, 5 cells), concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.

Owner—City of Watsonville.  
Architect—A. W. Storey, Pajaro Valleys and County of Watsonville.

Bids will be opened at the office of the City Clerk, M. M. Swisher, 268 Main St., Watsonville.

Following closed list of contractors are friend list:

Erving & Resh, 309 Stanford St., Watsonville.  
Carl Watstrom, 1447 Excelsior Ave., Oakland.  
Erickson Bros., East Main Ave., Morgan Hill.  
Lewis & Clark, 11 Muir Ave., Piedmont.  
Valley Construction Co., Room 62, Grant Bldg., San Jose.

**Planned**  
**ADDITIONS & ALTERATIONS** Cost, \$1,059,000

NAPA Calif. Napa State Hospital. Dormitories for 800 patients; laundry building, officers' residences, etc.  
Owner—State of California.  
Architecture—State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

**Preparing Plans**  
**REMODEL JAIL** Cost, \$.....

MARTINEZ, Contra Costa Co., Calif. Remodel county jail.  
Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Preparing Preliminary Plans**  
**HOSPITAL ADDITION** Cost, \$.....

MARTINEZ, Contra Costa Co., Calif. Addition to county hospital.  
Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Sub-Contracts Awarded**  
**SOUTH TOWERS** Cont. Pr. \$75,660

YERBA BUENA, S.F. CALIF. Site of the 1939 World's Fair.  
Two towers 104 feet high above pile foundations. Structures are temporary exposition buildings, serv-



ing largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush St.

s by San Francisco Bay Architectural Commission, 585 Bush St.

actor—E. T. Lesure, 87 Ross Circle, Oakland.

ing—Alta Roofing Co., 976 Indiana St., San Francisco.

t Metal—Jerome & Horner, 3501 Chestnut St., Oakland.

**Contract Awarded**

**RANCE TOWERS** Cost Pr., \$91,865

**BA BUENA SHOALS.** Site of the 1939 World's Fair.

main entrance towers, each 70 feet high with bases 118x263 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

s by San Francisco Bay Architectural Commission, 585 Bush.

actor—Barrett & Hlip, 918 Harrison St., San Francisco.

**BIDS WANTED**

**ARCATA.** Humboldt Co., Calif.—Aug. 2, 8 p.m., bids will be received by the City of Arcata for re-roofing of the Arcata Firemen's at Arcata.

ifications may be obtained at office of the City Clerk. Bids to be opened at the Firemen Club at Arcata.

**Bids Approved**

**ODEL JAIL.** Cost, \$16,000

**SNO, Calif.**

odel county jail: strengthen structure, lower felony cells to ground floor and remodel second floor for use as holdover tank.

er—County of Fresno.

itects—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.

itions will be asked in about one

**ask Bids Shortly**

**MING EAST TOWERS** Cost, \$.....

**BA BUENA SHOALS.** Contract Site of the 1939 World's Fair.

ing work in connection with East Towers.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

s by San Francisco Bay Architectural Commission, 585 Bush St.

**ned OPERATIONS & ADDITIONS**

**IFIC GROVE,** Monterey County, Calif. Cost, \$7,200

ations and additions to city library.

**BIDS OPENED**

**AKLAND,** Alameda Co., Calif.—T. J. Kiss, 5400 E. Imperial Highway Gate, at \$5,999, submitted bid to the Oakland City Council for wrecking and removing the old office building at Broadway and Sts., Oakland.

plete bids follow:

idder—Albert J. Kiss, \$ 5,999

land Wrecking Co., San Francisco \$ 12,998

Leary, San Francisco 15,967

**ELDRIDGE,** Sonoma Co., Calif. So-Owner—City of Pacific Grove. Architect—Not Selected.

**PROPOSED**

**LOS ANGELES CO., Calif.**—Wm. J. Fox, director of the Los Angeles county building department, has in course of preparation a report he will submit to the county supervisors early next month, suggesting methods of constructing a proposed new county office building at North Spring St. and Sunset Blvd., estimated to cost \$3,000,000. Inquiry made of Federal Government authorities reveals that it will be impossible to revive or reclassify a PWA grant for the project approved in 1933 but permitted to lapse. It is probable that plans for the building will be drawn by a group of local architects, to be selected later.

**sonoma State Home.**

Construction of four cottages for patients, two detention cottages, 3 officers' residences, milk house at dairy, 3-room addition to laundry power house addition, alter ice and storage plant, enlarge sun porch, construct fire escapes, etc.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Aug. 2, 5 P. M., bids will be received by the Los Angeles Memorial Coliseum Commission, 3911 S. Figueroa Street, for constructing a one-story one-room addition (25x25-ft.) to the present office at the coliseum. Plans obtainable at office of Architects John and Donald B. Parkinson, 808 Title Insurance Bldg., upon deposit of \$25.00. Following have procured plans: R. E. Millsap, 437 S Hill St., room 603; John C. Davenport, 3509 W 6th St.; M. A. Kitchell, 4302 Russell Ave.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 11, 2:30 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, for installing new passenger elevator in the Civic Auditorium. Estimated cost, \$12,000.

Plans and specifications obtainable from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Westinghouse Electric Elevator Co., 1 Montgomery St., at \$45, awarded contract by the Department of Public Works, City Hall, for alterations to doors on elevator in Hall of Justice.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Western Asbestos Co., 675 Townsend St., San Francisco, at \$75, submitted the only bid to the Dept. of Public Works, Room 200, Health Center, for furnishing and installing C-2 Acousti-Celex to the ceiling area on 1x-in. furring strips, finished with one coat of Muraltone paint, in Room 200-G, Health Center Bldg., Polk and Grove Streets.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Michel & Pfeffer Iron Works, Inc., 7enth and Harrison Sts., San Francisco, at \$166, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.

Total bids follow:

Michel & Pfeffer Iron Wks. \$466.00

W. J. O'Connell \$296.00

Works, Inc. 530.00

Archie Iron Works 717.00

West Coast Wire & Iron Co. 717.64

S. F. Wire & Iron Works 885.00

Eureka Iron Works 985.00

All of San Francisco.

**BIDS OPENED**

**SAN FRANCISCO.**—Western Asbestos Co., 675 Townsend St., at \$748 submitted the only bid to the Department of Public Works, Room 251, City Hall, for acoustical treatment of assembly room of Department of Public Works, Room 251, City Hall.

**BIDS OPENED**

**SAN FRANCISCO.**—Frank J. Reilly Co., 6250 Fulton St., at \$1,831, submitted low bid to the San Francisco Public Utilities Commission, Room 259, City Hall, for alterations to the sixth floor of the San Francisco Water Department Bldg. at 425 Mason Street.

**Total bids follow:**

Frank J. Reilly Company \$4,831

M. E. Vulkevicch 5,113

F. C. Amoroso & Sons 5,323

Braas & Kahn Co. 5,429

L. & E. Emanuel, Inc. 5,451

Barrett & Hlip 5,187

**14—RESIDENCES**

**Sub Contracts Awarded**

**RESIDENCE** Cost, \$6,000

**CARMEI,** Monterey Co., Calif.

One-story rustic residence (6 rooms, 2 baths), plaster and wood interior, air conditioning system, hardwood floors, steel sash, shake roof.

Owner—H. P. Phillips, Carmel.

Architect—Not Given.

Contractor—Hugh W. Comstock, P.O. Box 533, Carmel.

**Roofing, Heating & Glass—Carmel Building Specialties.**

**Plumbing & Sheet Metal—Anderson, Dougherty, Hargis, 225 Main St., Salinas.**

**Electric Wiring—Carl S. Rohr, P.O. Box 701, Carmel.**

**Tile Work—J. N. Filson, 331 Pine Ave., Pacific Grove.**

**Hardwood Floors—Finn Hardwoodville, Co., 515 McKenzie Ave., Watsonville.**

**Grading—F. De Amaral, Carmel Highlands.**

**Lumber—M. J. Murphy, Inc., Carmel.**

**Painting—Walter E. Lewis, Box 184, Carmel.**

**Lathing & Plastering—C. J. Lee, RFD 1, Box 588, Monterey.**

**Hardware & Steel Sash—Carmel Building Specialties.**

**Contract Awarded**

**RESIDENCE** Cost, \$8,000

**OAKLAND,** Alameda County, Calif. 6533 Dawes St.

Two-story frame and stucco residence (7 rooms).

Owner—L. Gibbs, 491 Staten Ave.

Architect—Not Given.

Contractor—H. E. Spraul, 307 Berkeley Park Blvd., Berkeley.

**RESIDENCE** Cost, \$.....

**CARMEI POINT,** Carmel, Calif.

Two-story frame and stucco residence (9 rooms, 5 baths), steel sash, hardwood floors, air conditioning, plaster and wood walls, garage.

Owner—Arthur Strasberger, Carmel.

Architect—Not Given.

Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

**Roofing, Heating & Glass—Carmel Building Specialties.**

**Plumbing, Sheet Metal—Anderson, Dougherty, Hargis, 255 Main Street, Salinas.**

**Electric Wiring—Carl S. Rohr, P.O. Box 701, Carmel.**

**Tile Work—J. N. Filson, 331 Pine Ave., Pacific Grove.**

tract awarded under Items 1, and 3b.  
Complete bids Published July 14.

## CLUB BUILDINGS

### PLETING PLANS

CLAM SPRINGS, Riverside Co.—Architect S. Charles Lee, 1648 Aire Blvd., Los Angeles, is com- ing plans for a 2-story reinforced concrete building, to be known as the Club, to be built at Laquinta, Springs, for the Palm Springs Development Corp. Plans also being made for a swimming dressing rooms and tennis s. Estimated cost, \$100,000.

OR TEMPLE Cost, \$200,000  
TLE, Wash. 3rd and Broad- way.

2-story concrete and fireproof ce- tile Labor Temple.  
—Labor Temple Assn., Bert wain, Secy. and Mgr.  
ctect—Not Selected.  
ite at 6th and University will ld and building razed when new ture is completed.

### TRACT AWARDED

CLAM SPRINGS, Riverside Co.—Guy Malby, c/o Laquinta er Co., Big Bear, will build the unit of a club building, to be n as the Desert Club, at La- a, Palm Springs, for the Palm g Laquinta Development Corp. Italy will also build two dress- oom buildings, swimming pool, s and badminton courts, and a ater wall on the site. S. Chas. architect, 1648 Wilshire Blvd., Angeles.

## HOSPITALS

### NS BEING FIGURED

NTINGTON PARK, Los Ange- o, Calif.—Architect Gene Verge, Beaux Arts Bldg., Los Angeles, completed plans and is taking until Aug. 3 from a selected list ontractors for a 2-story class A rced concrete structure to be t at 7130 S. Mission Place, Hunt- nton Park, for the Mission Hos- . Cost, \$75,000.

Opened  
PITAL WING Cost, \$33,577  
LEJO, Solano Co., Calif.

tion of one-story and basement ving 60 x 110 ft to the Vallejo General Hospital; concrete walls, ood floors, tile roof.  
ct—Vallejo General Hospital, and tect—Edward R. French, Jr., 522 Rico St., Vallejo.

Blder—Geo. F. Barenchi, 921 Kentucky St., Vallejo, \$33,577.  
mplete basic bids follow:  
F. Barenchi, Vallejo, \$33,577.  
d Paganini, San Francisco, \$34,- 413

J. Maurer Co., Piedmont, \$37,123  
S. Koller, Crockett, \$44,804.  
ur Erickson, Vallejo, \$45,156.  
is held under advisement.

tract Awarded  
PITAL Cont. Pr. \$72,392  
LISTER, San Benito Co., Calif.

2-story reinforced concrete hos- pital building and almshouse (16 -bed rooms for elderly indigent- s. 2 hospital rooms for sick eople, operating and X-ray rms., ctche and dining room, labora- y, recreation rooms, delivery oom, infants' rooms), composi- ion roofing, linoleum floors, steel ash with metal trim, oil burn- ng heating system, etc., con- ructed around central patio.

Contractor—F. C. Stolte Co., 1455 S. Antonio Ave., Alameda.

Contract awarded under Items 1, 2 and 3. Complete bids published on July 20.

Bids Opened  
BOILER Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
State Hospital Farm.

Construction of boiler at Farm.  
Owner—State of California, Dept. of Institutions.

Architect—Geo. B. McDougall, Bldg. Architect, Public Works Bldg., Sacramento.

Low Bidder—Walter S. Leland Co., Walnut Creek—\$22,959.  
Complete bids follow:

Walter S. Leland Co.,  
Walnut Creek .....\$22,959  
R. G. Neyler, L. A. .... 28,600  
C. C. Moore & Co. Engi-  
neers, S. F. .... 28,746

## 10—HOTELS

### PREPARING PRELIMINARY PLANS

LOS ANGELES CO., Calif.—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have prepared sketches for a hospital building to be erected in the block bound- ed by Reno, Occidental, Council and Glassell Streets for St. Ann's Matern- ity Hospital, to be operated by the Queen of the Angels Hospital. It will cost approximately \$100,000.

July 26, 1937.

### PREPARING PLANS

PALM SPRINGS, Riverside Co., Calif.—Architect Wesley Eager, 505 Architects' Bldg., Los Angeles, is preparing plans for a clubhouse and a group of hotel buildings, to be known as the Palm Springs Desert Club, for Dudley Edelman. Build- ings to be built on site 640 x 2600 ft. in area and will total 19 in number. Swimming pool, bathhouses, stables and practice track, garages, tennis and badminton courts. Cost esti- mated at \$150,000.

### PLANS BEING FIGURED

MOJAVE, Kern Co., Calif.—Mrs. M. E. Mobley, Mojave, is taking general contract bids for a 2-story, reinforced concrete hotel building (140 x 150 ft.) and an automobile service station she proposes erecting in Mojave. Chas. C. Frye, architect, 404 San Fernando Road, L. A.

Preparing Preliminary Plans  
HOTEL Cost, \$1,500,000

SEATTLE, Wash. NE 13th Ave. and Multnomah St.

Steel and concrete hotel building with central tower about 20 stories high, surrounded by 4 sub- ordinate units 4 to 6 stories high; total of 350 hotel rooms.

Owner—Lloyd Corporation, Ralph E. Lloyd, Pres., 5410 Wilshire Blvd., Los Angeles.  
Architect—Claude Beelman, Los Angeles.

Sub Bids Now Being Taken

MARQUEE, ETC. Cost, \$.....  
SAN FRANCISCO, Eddy and Jones Streets.

New marquee and new entrance to Herald Hotel.  
Owner—Withheld.  
Architect—Conrad T. Kett, 519 Cali- fornia St.

Mr. Kett is now taking sub bids. (2931)

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Clough, City Clerk, for remodeling of the Council Chambers of the City Council in the City Hall.

Plans and specifications are on file with the City Clerk.

### BIDS WANTED

SAN FRANCISCO.—Until July 28, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.

Specifications may be obtained from the office of Superintendent of Public Buildings, R. A. Chisholm, 484 11th St.

### BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until August 10, 10 a.m. (as previously reported), bids will be received by the Board of Supervisors of Alameda County, G. E. Wade, Clerk, for the construction of a new one-story, steel and reinforced concrete County Garage Building on the south side of Thirteenth Street, between Jackson and Madison Streets, Oakland. Estimated cost, \$45,000.

Plans and specifications may be obtained at the office of the Clerk, County Court House, 12th and Fallon Streets, upon deposit of \$25.

Bids Wanted—To Close August 10, 7:30 P. M.

JAIL Cost, \$14,000  
WATSONVILLE, Santa Cruz Co.

One-story reinforced concrete jail building (13 offices, 5 cells), concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.

Owner—City of Watsonville.  
Architect—A. W. Story, Pajaro Val- ley Bank Bldg., Watsonville.

Bids will be opened at the office of the City Clerk, M. M. Swisher, 268 Main St., Watsonville.

Following closed list of contractors are figuring plans:

Friend & Resh, 309 Stanford St., Watsonville.

Carl Walstrom, 1447 Excelsior Ave., Oakland.

Erickson Bros., East Main Ave., Morgan Hill.  
Lewis & Clark, 11 Muir Ave., Piedmont.

Valley Construction Co., Room 62, Grant Bldg., San Jose.

### PLANS AND ALTERATIONS

NAPA, Calif. Napa State Hospital.

Dormitories for 800 patients; laundry building, officers' residences, etc.

Owner—State of California.  
Architecture—State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Preparing Plans

REMODEL JAIL Cost, \$.....  
MARTINEZ, Contra Costa Co., Calif. Remodel county jail.

Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

Preparing Preliminary Plans

HOSPITAL ADDITION Cost, \$.....  
MARTINEZ, Contra Costa Co., Calif. Addition to county hospital.

Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

Sub-Contracts Awarded

SOUTH TOWERS Cont. Pr. \$75,660  
YERBA BUENA SHOALS, Cal. Site

ng largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush St.

s by San Francisco Bay Architectural Commission, 585 Bush St.

actor—E. T. Lesure, 87 Ross Circle, Oakland.

ing—Alta Roofing Co., 976 Indiana St., San Francisco.

t Metal—Jerome & Horner, 3501 Chestnut St., Oakland.

Contract Awarded  
FRANCE TOWERS

Cont. Pr., \$91,865  
BA BUENA SHOALS. Site of the 1939 World's Fair.

main entrance towers, each 70 feet high with bases 118x263 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

s by San Francisco Bay Architectural Commission, 585 Bush.

actor—Barrett & Hlip, 918 Harrison St., San Francisco.

BIDS WANTED

CAFTA, Humboldt Co., Calif.—Aug. 2, 8 p.m., bids will be received by the City of Arcata for retiling of the Arcata Firemen's at Arcata.

ifications may be obtained at office of the City Clerk. Bids to be opened at the Firemen Club at Arcata.

Approved  
MODEL JAIL

Cost, \$16,000  
SNO, Calif.

odel county jail; strengthen structure, lower felony cells to ground floor and remodel second floor for use as holdover tank.

er—County of Fresno.

itect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.

s will be asked in about one

ask Bids Shortly  
MING EAST TOWERS

Cost, \$.....  
BA BUENA SHOALS, Cal. Site of the 1939 World's Fair.

ing work in connection with East Towers.

er—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

y San Francisco Bay Architectural Commission, 585 Bush St.

ed  
OPERATIONS & ADDITIONS

Cost, \$7,200  
FIC GROVE, Monterey County, Calif.

ations and additions to city library.

BIDS OPENED

KLAND, Alameda Co., Calif.—at J. Kiss, 5400 E. Imperial Highway, South Gate, at \$5,999, submitted bid to the Oakland City Council wrecking and removing the old office building at Broadway and Sts., Oakland.

mplete bids follow:  
Bidder—Albert J. Kiss

ELDRIDGE, Sonoma Co., Calif. So-Owner—City of Pacific Grove. Architect—Not Selected.

### PROPOSED

LOS ANGELES CO., Calif.—Wm. J. Fox, director of the Los Angeles county building department, has in course of preparation a report he will submit to the county supervisors early next month, suggesting methods of constructing a proposed new county office building at North Spring St. and Sunset Blvd., estimated to cost \$3,000,000. Inquiry made of Federal Government authorities reveals that it will be impossible to revive or reclassify a PWA grant for the project approved in 1933 but permitted to lapse. It is probable that plans for the building will be drawn by a group of local architects, to be selected later.

oma State Home.

Construction of four cottages for patients, two detention cottages, 3 officers' residences, milk house at dairy, 3-room addition to laundry power house addition, alter ice and storage plant, enlarge sun porch, construct fire escapes, etc.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 2, 5 P. M., bids will be received by the Los Angeles Memorial Coliseum Commission, 3911 S Figueroa Street, for constructing a one-story one-room addition (25x25-ft.) to the present office at the coliseum. Plans obtainable at office of Architects John and Donald B. Parkinson, 808 Title Insurance Bldg., upon deposit of \$25.00. Following have procured plans: R. E. Millsap, 437 S Hill St., room 603; John C. Davenport, 3509 W 6th St.; M. A. Kitchell, 4302 Russell Ave.

BIDS WANTED

SAN FRANCISCO.—Until August 11, 2:30 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, for installing new passenger elevator in the Civic Auditorium. Estimated cost, \$12,000.

Plans and specifications obtainable from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

CONTRACT AWARDED

SAN FRANCISCO.—Westinghouse Electric Elevator Co., J Montgomery St., at \$455, awarded contract by the Department of Public Works, City Hall, for alterations to doors on elevator in Hall of Justice.

BIDS OPENED

SAN FRANCISCO, Calif.—Western Asbestos Co., 675 Townsend St., San Francisco, at \$75, submitted the only bid to the Dept. of Public Works, Room 200, Health Center, for furnishing and installing C-2 Acousti-Cellotex to the ceiling area on 1x-in. furring strips, finished with one coat of Muraltone paint, in Room 200-G of Health Center Bldg., Polk and Grove Streets.

BIDS OPENED

SAN FRANCISCO, Calif.—Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco, at \$466, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco

Works, Inc., 630.00  
Archie Iron Works..... 717.00  
West Coast Wire & Iron Co..... 717.64  
S. F. Wire & Iron Works..... 885.00  
Eureka Iron Works..... 968.00  
All of San Francisco.

### BIDS OPENED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$748 submitted the only bid to the Department of Public Works, Room 251, City Hall, for acoustical treatment of assembly room of Department of Public Works, Room 251, City Hall.

### BIDS OPENED

SAN FRANCISCO.—Frank J. Reilly Co., 6350 Fulton St., at \$1,831, submitted low bid to the San Francisco Public Utilities Commission, Room 259, City Hall, for alterations to the sixth floor of the San Francisco Water Department Bldg. at 425 Mason Street.

Total bids follow:  
Frank J. Reilly Company..... \$4,831  
M. E. Vuickovich..... 5,113  
F. C. Amoroso & Sons..... 5,423  
Braas & Kuhn Co..... 5,429  
L. & E. Emanuel, Inc..... 5,451  
Garrett & Hlip..... 5,487

## 14—RESIDENCES

Sub Contracts Awarded  
RESIDENCE Cost, \$6,000

CARMEL, Monterey Co., Calif.  
One-story rustic residence (6 rooms,

2 baths), plaster and wood interior, air conditioning system, hardwood floors, steel sash, shake roof.

Owner—H. P. Phillips, Carmel.  
Architect—Not Given.

Contractor—Hugh W. Constock, P. O. Box 533, Carmel.

Roofing, Heating & Glass—Carmel Building Specialties.

Plumbing & Sheet Metal—Anderson, Dougherty, Hargis, 225 Main St., Sallinas.

Electric Wiring—Carl S. Rohr, P. O. Box 701, Carmel.

Tile Work—J. N. Filson, 331 Pine Ave., Pacific Grove.

Hardwood Floors—Finn Hardwood Vile.

Co., 515 McKenzie Ave., Watson Grading—F. De Amara, Carmel Highlands.

Lumber—M. J. Murphy, Inc., Carmel.

Painting—Walter E. Lewis, Box 1884, Carmel.

Lathing & Plastering—C. J. Lee, RFD 1, Box 588, Monterey.

Hardware & Steel Sash—Carmel Building Specialties.

Contract Awarded  
RESIDENCE Cost, \$8,000

OAKLAND, Alameda County, Calif. 6533 Dawes St.

Two-story frame and stucco residence (7 rooms).

Owner—L. Gibbs, 491 Staten Ave.  
Architect—Not Given.

Contractor—H. R. Sprule, 207 Berkeley Park Blvd., Berkeley.

RESIDENCE Cost, \$.....

CARMEL POINT, Carmel, Calif.  
Two-story frame and stucco residence (9 rooms, 5 baths), steel sash, hardwood floors, air conditioning, plaster and wood walls, garage.

Owner—Arthur Strasberger, Carmel.  
Architect—Not Given.

Contractor—Hugh W. Constock, P. O. Box 533, Carmel.

Roofing, Heating & Glass—Carmel Building Specialties.

Plumbing, Sheet Metal—Anderson-Dougherty-Harris 255 Main Street

**SAN FRANCISCO, Calif.** 17th and Bryant Sts.  
 Extension of blacksmith shop, 111 Sutter St.  
 Owner—American Can Co., 111 Sutter St.  
 Plans by Engineering Department of Owner (New York Office).  
 Bids have been forwarded to Owner's New York Office.  
 Announcement to about one week.

**Additional Sub Contracts Awarded**  
**FACTORY** Cost, \$40,000  
**SAN FRANCISCO.** W. Third Street, S. 20th St.  
 One-story Class C factory building.  
 Owner—Middleton & Watson, 63 Natoma Street (Goodyear Rubber Company).  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—F. W. Kellberg, 320 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
 Plastering—Peter Bradley, 639 Branham St.  
 Sheet Metal—Fire Protection Products Co., 1011 16th St.  
 Electric Work—Chas. A. Langlais, 472 Tehama St.  
 Sub contracts awarded to date published Feb. 15 and March 4.

## 5—FLATS

**Contract Awarded**  
**FLATS** Cost, \$4,000  
**SAN FRANCISCO.** Noe and 16th Streets.  
 Two - story frame and stucco flat building.  
 Owner—A. Thompson, 280 Noe St.  
 Architect—D. E. Jaekle, 126 Post St.  
 Contractor—A. C. Lindgren, 346 Lowell Street.

**Preparing Working Drawings**  
**FLATS** Cost, \$12,000 each  
**SAN FRANCISCO.** Marina District.  
 Two two-story frame and stucco flat buildings (6 rooms in each flat), composition roofing, forced hot water heating system, wood sash, hardwood floors, etc.  
 Owner—Withheld.  
 Architect—R. R. Irvine, 2048 Market St., San Francisco.

Working drawings will be completed in about 10 days. The owner will take segregated bids on all portions of the work.

**To Be Done By Day's Work**  
**FLATS** Cost, \$7,500  
**OAKLAND,** Alameda Co., Calif. 2514-16 Ivy Drive.  
 Two-story brick building (10 rooms).  
 Owner & Builder—F. S. Taglor, 1622 Harrison St., Oakland.  
 Architect—Not Given.

## 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**SERVICE STATION** Cost, \$7,500  
**EAST PALO ALTO,** SW Cor. University Ave. and O'Connor St.  
 Automobile service station.  
 Owner—George F. Nesbitt, 720 Creek Drive, Menlo Park.  
 Architect—Not Given.  
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

**Bids In—Under Advertisment**  
**GARAGE** Cost, \$13,000  
**STOCKTON,** San Joaquin Co., Calif.  
 One-story brick and concrete garage building (150 ft.).  
 Owner—Withheld.  
 Architect—J. U. Cloudsley, Exchange Bldg., Stockton.  
 Announcement shortly.

## 7—FEDERAL BUILDINGS

### BIDS OPENED

**LOVELOCK,** Nev.—As previously reported, Lundberg-Richter Company, Fredericksburg, Va., at \$59,900, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Agriculture Building and Post Office at Lovelock.

Complete bids follow:  
 Lundberg-Richter Co., Fredericksburg, Va. \$59,900  
 ..... Ait. Add 800  
 Benjamin H. Sheldon, Ontario, Ore. 61,745  
 ..... Ait. Add 1,485  
 E. & E. J. Pfozter, Philadelphia, Pa. 65,620  
 ..... Ait. Add 900  
 A. Farnell Blair, Lake Charles, La. 66,927  
 ..... Ait. Add 1,000  
 George Goedhard, Chicago, Ill. 68,500  
 ..... Ait. Add 1,000  
 Hilbert Hanson, Reno, Nev. 69,184  
 ..... Ait. Add 816  
 MacDonald Constr. Co., St. Louis, Mo. 69,273  
 ..... Ait. Add 1,200  
 Schuler & McDonald, Inc., Oakland, Calif. 71,900  
 ..... Ait. Add 1,371  
 L. F. Dow Co., Los Angeles, Calif. 71,347  
 ..... Ait. Add 900  
 James J. Burke & Co., Salt Lake City, Utah 76,774  
 ..... Ait. Add 1,400

### CONTRACT AWARDED

**ROSEBURG,** Ore.—Western Wire & Iron Works, 851 W. 18th Place, Chicago, Ill., at \$37,167, awarded contract by the Veterans Administration, Arlington Building, Washington, D. C., for wire grilles for Buildings Nos. 1, 2 and 16, at Veterans' Administration Facility, Roseburg, Ore.  
 Complete bids published February 19, 1937.

**Low Bidders**  
**OPERATIONS BLDG.** Cost, \$.....  
**HICKAM FIELD, T. H.**  
 Wing Operations Building, including utilities.  
 Owner—U. S. Government (Capt. H. E. Nurse, Constructing Quartermaster, Hickam Field).  
 Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C. Low Bidder—Ralph Woolley, Honolulu.

The three low bids received by the Constructing Quartermaster at Hickam Field, follow:  
 Ralph Woolley, Honolulu \$117,100.00  
 C. E. Black, Ltd., Honolulu 117,032.42  
 Moses Akiona, Honolulu 120,000.00  
 Robert E. McKee, 108 W. Sixth St., Los Angeles, at \$124,200 for the work called by the office of Constructing Quartermaster, Fort Mason, as previously reported.  
 Complete bids will be published shortly.

### CONTRACT AWARDED

**DENVER,** Colo.—Rocky Mountain Electric Co., 453 Broadway, Denver, at \$23,700, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous mechanical work at the U. S. Mint at Denver.

**Bids Opened**  
**RESIDENCES** Cost, \$.....  
**FRIANT,** Fresno Co., Calif. 22 miles north of Fresno Government Camp at Friant Dam, Central Valley Water Project.  
 Twenty-five cottages of pre-fabricated construction or built-in place. Each cottage will be ap-

proximately 61 ft. 6 in. by 34 ft. in size and will be divided into two residences separated by a garage space between. Foundations will be wood posts. Outside walls will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt-prepared shingles over roof boarding. Inside walls and ceilings will be covered with insulating building board. Floors will be single. (Spec. No. 706.)

Owner—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 20 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).  
 Low Bidder—W. J. Ochs, Helm Bldg., Fresno—\$74,808.

Bids were taken as follows:  
 (1) 1,800 cu. common excav.;  
 (2) 5 cu. rock excav.;  
 (3) Lump sum, construction of 25 Type 2 duplex cottages.

Total bids follow:  
 (A) W. J. Ochs, Fresno \$74,808.00  
 (B) J. C. Meyers, Stockton 80,429.00  
 (C) Clovis Lumber Co., Clovis 83,293.34  
 (D) Trewhitt-Shields & Fisher, Fresno 85,123.00  
 (E) John E. Branagh, Piedmont 86,000.00  
 (F) Guy E. Hall, Los Angeles 89,240.00  
 (G) B. A. Hawkins & Co., San Francisco 89,339.00  
 (H) Robert McCarthy, San Francisco 92,538.00  
 (I) Fred J. Early, Jr., San Francisco 93,346.00  
 (J) Bodenhamer Constr. Co., Oakland 99,223.00  
 (K) Brunzell & Jacobson, Los Angeles \*\*101,593.00  
 (L) McDonald Constr. Co., St. Louis 105,080.00

Unit bids follow:  

	(1)	(2)	(3)
(A) .....	\$0.50	\$15.00	\$73,833.00
(B) .....	50	10.00	79,479.00
(C) .....	No unit bids submitted.		
(D) .....	60	14.00	83,973.00
(E) .....	1.00	5.00	84,175.00
(F) .....	75	3.00	87,875.00
(G) .....	50	2.00	88,429.00
(H) .....	1.50	3.00	89,838.00
(I) .....	1.25	4.00	91,076.00
(J) .....	1.10	8.00	97,203.00
(K) .....	1.00	2.00	101,783.00
(L) .....	85	10.00	103,500.00

\* Bid of Fred J. Early, Jr., modified by telegram, reducing amount of item 3 \$3,000, making a price of \$91,076, and a total bid of \$93,346.  
 \*\* Bid of Brunzell & Jacobson modified by telegram, reducing total bid \$1,000, making a total of \$101,593.

The bid of Tom Moore, Fresno, was not read as it was not accompanied by a bid bond. Bid of A. N. Anderson withdrawn by telegram prior to opening.

Work shall be commenced within 15 calendar days and completed within 120 calendar days after date of receipt of notice to proceed. (1487) 1st report Feb. 9; 2d, Feb. 24.

### BIDS OPENED

**SAN DIEGO,** Calif.—M. H. Golden, 52 Bank of America Bldg., San Diego, at \$3,298, submitted low bid to the 11th Naval District for shed on barge for ARD-1 at the Naval Destroyer Base, San Diego, under Sp. No. 8407. Recommendation was made that contract be awarded low bidder.

Complete bids follow:  
 M. H. Golden, San Diego \$3,298  
 F. E. Young 3,675  
 W. H. Barber 4,959  
 Hanson, Howard & Shaffer 4,249  
 V. R. Dennis Constr. Co. 4,319  
 L. C. Anderson 4,395  
 E. F. Hastings 4,740

**BIDS WANTED**

**SAN FRANCISCO**—Until March 25, 10 a. m. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for compressed air blowers, air compressor and water still at the U. S. Mint, San Francisco.

Specifications may be obtained from the above office. No deposit required.

**CONTRACT AWARDED**

**SPRINGERVILLE, Ariz.**—Robt. E. McKee, P. O. Box 5219, Metropolitan Station, Los Angeles, at \$77,589 was awarded contract by the Procurement Division, Public Works Branch Washington, D. C., for the construction of the U. S. Forestry, P. O. etc., building at Springerville.

**Bids Opened**

**LABORATORY, ETC.** Cost, \$.....  
**FRIANT, Fresno Co., Calif.** 22 miles north of Fresno. Government Camp at Friant Dam, Central Valley Water Project.

**Concrete-testing laboratory (39 x 54-ft.)** and combined garage and fire station (50x120). Concrete footings and floors; outside laboratory and walls covered with shiplap and inside walls and ceilings covered with tempered wallboard; laboratory roof covered with mineral-surfaced, asphalt prepared shingles and insulated walls. Outside walls and roof of garage and fire station covered with galvanized corrugated metal. Spec. No. 882-D.

**Owner**—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 205 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, ex-Friant Division Engineer).

**Law Bidder**—J. C. Meyers, Rt. 1, Box 439, Stockton, \$20,119.

Bids were taken as follows:  
**SCHEDULE 1**—Concrete testing laboratory

- (1) 100 c.y. common excav.;
- (2) 10 c.y. rock excav.;
- (3) 35 c.y. concrete;
- (4) Lump sum, constructing one concrete testing laboratory except excavation and concrete;
- SCHEDULE 2**—Garage and Fire Station
- (5) 250 c.y. common excav.;
- (6) 5 c.y. rock excav.;
- (7) 10 c.y. concrete;
- (8) Lump sum, construct one garage and fire station except excavation and concrete.

Total bids follow:  
(A) J. C. Meyers, Stockton \$20,119  
(B) W. J. Ochs, Fresno 22,354  
Unit bids follow:

	(A)	(B)
(1).....	50	50
(2).....	10.00	18.00
(3).....	9.00	18.00
(4).....	8,605.00	7,958.00
Sub - total.....	9,073.00	8,683.00

(5).....	50	50
(6).....	10.00	15.00
(7).....	9.00	15.00
(8).....	9,931.00	12,821.00
Sub - total.....	11,046.00	14,711.00

J. C. Meyers submitted a stipulation with his bid saying that he would accept all or none.

Work shall be commenced within 15 calendar days and completed within 150 calendar days from the date of receipt of notice to proceed.

Bids forwarded to Washington for award.

**SUB BIDS WANTED**

**SACRAMENTO**—George A. Fuller Company, Continental Bldg., 408 S. Spring St., Los Angeles. Lesires sub bids on all portions of the work for construction of the Depot Supply Building and head house at the Army Air Corps Supply Depot, near North

Sacramento, for which bids will be opened by Major Arthur W. Parker, Constructing Quartermaster, March 25, 2 p.m.

**BIDS WANTED**

**SAN FRANCISCO**—Until March 25, 10 a. m. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., U. S. Mint at San Francisco.

Specifications if any may be obtained from the above office. No deposit required

**BIDS OPENED**

**OWYHEE, Nevada**—Carl W. Watkins, Boise, Idaho, at \$33,128, submitted low bid to the Department of the Interior, Washington, D. C., under Proposal No. 2158, for constructing a community building at the Western Shoshone Indian Agency, at Owyhee.

Complete bids follow:  
Carl W. Watkins, Boise, Idaho \$33,128.  
David Richardson, Ontario, Ore., \$35,895.  
Ernest White, Twin Falls, Idaho, \$34,057.  
C. J. & R. Anderson, Salt Lake City, Utah, \$49,088.

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-170, for furnishing three pre-fabricated steel frame storage buildings for portable searchlights, 24x70 ft., and one do., 24x59 ft., f.o.b. cars at contractor's plant:

Kyle Steel Constr. Co., 5555 Magnolia St., Los Angeles—(1) \$1,791; (2) \$1,791; (3) \$1,316; (4) \$1,791; discount, 1/2%, 10 days.  
Pacific Car & Foundry Co., 220 W. Hudson, Seattle—(1) \$2,090; (2) \$2,090; (3) \$1,575; (4) \$2,090; discount, 1/2%, 10 days.  
Lisson Iron Works, 2917 E. Marginal Way, Seattle—(4) \$2,365; discount, 1/2%, 10 days.

**CONTRACTORS' ADDRESS**

**LOS ANGELES, Calif.**—George A. Fuller Co., general contractors for the \$500,000 U. S. Post Office and Courthouse to be built at Temple and Main Streets, has established Los Angeles headquarters at 1203 Continental Bldg., 408 S. Spring St., telephone TU cker 6979. E. V. Pugh, manager for the Fuller Company, is in charge of the local office and will superintend construction operations. Work on the building will not get under way until early in May. 7

**CONTRACT AWARDED**

**SAN DIEGO, Cal.**—M. H. Golden, 531 Bank of America Bldg., San Diego, at \$3,209 awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8407, for construction of a shed on barge for ARD-1 at the Naval Destroyer Corps, San Diego.  
Complete bids published March 9

**Contract Awarded SHOPS & REPAIR DOCK**

Contract Price, \$1,583,251  
**SACRAMENTO CO., Calif.**  
Army Air Corps Supply Depot, near North Sacramento.  
One-story reinforced concrete and steel Engineering Shop and Repair Docks (850 x 600 ft.) the building will be about 90 feet high with 50 ft. clearance under trusses; walls and footings will be of reinforced concrete; asbestos metal-protected roof over repair docks, built-up roof with flat deck over engineering shop part; doors will be 250 x 40 ft. in

repair dock and 122 x 40 ft. in engineering shop.

**Owner**—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento.

Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C.

**Contractor**—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.

Contract awarded on a basic bid of \$1,589,851 for the work complete, with the acceptance of Item 2, a deduction of \$3,100 for substitution of asphalt type built-up roof in lieu of tar type; and Item 11, a deduction of \$3,500 for substitution of fixed aluminum sash inserts divided into approximately 28-in. by 48-in. corrugated wire glass lights with aluminum strips, caps and fittings, in lieu of fixed steel sash inserts with approximately 14-in. by 20-in. flat rough wire glass lights; and all unit prices given under Item 12.

**BIDS OPENED**

**SAN FRANCISCO**—J. W. Bender Roofing & Paving Co., 1999 Bryant St., and Malott & Peterson, 2412 Harrison St., at \$102, submitted identical bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-203, for applying approximately 102 square feet of three-ply rag felt and asphalt membrane waterproofing to the sides and top of the concrete radio station at Fort Funston.  
J. W. Bender Co. specified completion within three days.

**BIDS WANTED**

**SACRAMENTO, Cal.**—Until April 22, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for additional stories to the U. S. Post Office and Court House at Sacramento. Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SAN FRANCISCO**—Until Mar. 30 10 A. M. bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for an electric traveling crane at the U. S. Mint, San Francisco.

Specifications and drawings may be obtained from the above office. No deposit required.

**BIDS WANTED**

**SAN FRANCISCO**—Until Mar. 25, 10 A. M. bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for an emergency lighting plant and projectors at the U. S. Mint, San Francisco.

Specifications and drawings may be obtained from the above office. No deposit required.

**BIDS WANTED**

**DENVER, Colo.**—Until April 2, 10 A. M. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for precipitator duct work, structural work, etc., at the U. S. Mint, Denver.  
Specifications and drawings may be obtained from the above office (1722) 7

**BIDS WANTED**

**DENVER, Colo.**—Until April 2, 10 A. M. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for an electrical precipitator and fan at the U. S. Mint, Denver.  
Specifications and drawings may be obtained from the above office. No deposit required.

## 8— CLUB BUILDINGS

Plans Being Figured  
**CLUB HOUSE** Cost, \$20,000  
**MARTINEZ**, Contra Costa Co., Calif.  
 Pacheco Blvd. and Arriba St.  
 Two - story frame employees' club house (38x90-ft.)  
 Owner—Shell Oil Company.  
 Plans by Engineering Department of Owner (L. R. White, architect).  
 Bids will be received within the next week or ten days

To Ask Bids Within A Few Days  
**MASONIC TEMPLE** Cost, \$200,000  
**FRESNO**, Fresno Co., Calif. Stanislaus and L. Streets.

Two-story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwall and acoustical plaster, hardwood interior trim, steel sash, wood block floors, linoleum floor covering, tile wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.  
 Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Mechanical Engineer—G. M. Simonsen, 74 New Montgomery St., San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.  
 Bids will be taken on the following segregations:

- (1) General work;
- (2) Mechanical work;
- (3) Electrical work.

Planned  
**YACHT CLUB HOUSE** Cost, \$60,000  
**BERKELEY YACHT HARBOR**, Cal.  
 SW cor. of club house.  
 New yacht club house.  
 Owner—Aeolian Yacht Club of Alameda (Commodore William Ritter, Jr.).  
 Architect—Not given.

## 9— HOSPITALS

Additional Sub-Contracts Awarded  
**HOSPITAL ADDITION**  
 SACRAMENTO, Sacramento Co., Cal.  
 Cont. Pr., \$109,990  
 52nd and F Streets.

Two-story fireproof maternity hospital addn. (48 beds), steam heat, air conditioning system.

Owner—Sutter Hospital.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Contractor—Campbell Constr. Co., 500 R St., Sacramento.

Sheet Metal Work—Mendenhall Sheet Metal Works, 100 N. 16th St., Sacramento.

Shutter Awnings—Fred E. Turner, 557 Market St., San Francisco.  
 Sub contracts awarded previously published in issue of February 26.

Preparing Working Drawings  
**ALPHEA HOSPITAL** Cost, \$.....  
**MARYSVILLE**, Yuba Co., Calif. 4th and H Streets.

Air conditioning system and miscellaneous alterations to Rideout Memorial Hospital.

Owner—Rideout Memorial Hospital.  
 Architect—Martin A. Sheldon, Madnack Bldg., San Francisco.

Bids will be asked in about ten days.

Sub-Bids Being Taken  
**HOSPITAL** Cost, \$32,000  
**MERCED CO.**, Calif. Near Gustine.  
 Two-story frame, tile and concrete

hospital building (22 beds) corrugated iron or asbestos roofing, warm air heating system, air-conditioning system, etc.  
 Owner—West Side Hospital.  
 Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.  
 Until March 12, 5 P. M., sub-bids are being received at 915 14th Street, Modesto

Architect Selected  
**HOSPITAL** Cost, \$60,000  
**GLENN CO.**, Calif.

Reinforced concrete hospital building (steel sash, composition roof, linoleum floors, and steam heating plant).

Owner—County of Glenn.  
 Architect—W. E. Coffman, Forum Bldg., Sacramento.  
 The Glenn County Board of Supervisors has commissioned Mr. Coffman to prepare specifications, applications and sketches for a new County Hospital Building.

## 10— HOTELS

Electrical Contract Awarded  
**ALTERATIONS** Cost, \$.....  
**SACRAMENTO**, Sacramento County, Calif. Fifth and J Streets.

Alterations to Travelers hotel (steam fittings, tile work, plumbing, floor laying, etc.)

Owner—Capital Co., 625 Market St., San Francisco.

Plans by the Construction Department of Owner  
 Electrical—J. C. Hobrecht Co., 1912 Eye St., Sacramento.

Bids on refrigeration, ventilation, marble, tile, sheet metal, plumbing, and roofing are in and being held under advisement.

Contract Awarded  
**ADDITION** Cost, \$100,000  
**SAN FRANCISCO**, Market and New Montgomery Streets.

Addition to second floor of Palace Hotel (steel and reinf. concrete addition, facing on Jessie and Annie Streets).

Owner—Palace Hotel Company, Inc. Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.  
 Contractor—P. J. Walker Co., 607 Sharon Building.

Bids In—Under Advisement  
**AIR-CONDITIONING** Cost, \$.....  
**FRESNO**, Fresno Co., Cal. Van Ness and Kern Streets

New air conditioning system throughout hotel (360 rooms, lobby, dining room, bar, etc.), including stores on ground floor.

Owner—Hotel Californian.  
 Architect—H. R. Lake, Helm Bldg., Fresno.

Consulting Engineer—Albert A. Codrington, 222 Kearny Street, San Francisco.

Announcement will be made shortly

To Be Done By Day's Work  
**ADDITION** Cost, \$.....  
**CALISTOGA**, Napa Co., Calif. Mount View Hotel.

Demolition of old building at rear of Mount View Hotel and addition of two new wings to the hotel building of cement and stucco construction, to contain 25 bedrooms and baths; enlargement of lobby.

Owner & Builder—John Ghisolfi, Mount View Hotel, Calistoga.  
 Architect—Not Given.

Wrecking of old building is now going on.

Contract Awarded  
**HOTEL** Cost, \$40,000  
**CAMP RICHARDSON**, Eldorado Co., Calif.

New 32-room hotel.  
 Owner—A. L. Richardson

Architect—Not Given.  
 Contractor—Herbert Dressler, Gardnerville, Nevada.  
 Construction will start within a few days.

13— PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

PROPOSED IMPROVEMENTS  
**SAN BERNARDINO**, Calif.—San Bernardino county supervisors have submitted to the state planning commission a six-year program of proposed improvements, including an addition to the San Bernardino county court house to cost approximately \$400,000.

Preparing Plans  
**ALTERATIONS** Cost, \$30,000  
**PALO ALTO**, Santa Clara Co., Calif.  
 Public library.

Alterations and additions to the public library.

Owner—City of Palo Alto.  
 Architect—C. K. Sumner, Deckerook Bldg., Palo Alto.

Application will probably be made for a PWA grant to assist in financing the work.

Contract Awarded  
**CENTRAL FIRE ALARM STATION**  
 Contract Price, \$23,300  
**SACRAMENTO**, Sacramento County, Calif. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.); 40 x 40 composition roofing, 8x8-inch glass block decoration, interior walls of metal lath and plaster partitions; acoustical walls; concrete basement; linoleum floors, etc.

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contract AWARDED  
**MADEIRA**, Madeira Co., Calif.—R. L. Stanfield, 115 N. N St., Madeira, at \$1,640, awarded contract by the Madeira County Board of Supervisors, L. W. Cooper, County Clerk, for re-wiring of the county courthouse.

Only other bid submitted by Harold A. Clark, Madeira, at \$1,695.

Contract AWARDED  
**MADEIRA**, Madeira Co., Calif.—R. L. Stanfield, 115 N. N St., Madeira, at \$1,640, awarded contract by the Madeira County Board of Supervisors, L. W. Cooper, County Clerk, for re-wiring of the county courthouse.

Only other bid submitted by Harold A. Clark, Madeira, at \$1,695.

Bids Wanted — To Close March 22, 8 P. M.  
**FIRE HOUSE** Cost, \$.....  
**RICHMOND**, Contra Costa Co., Calif. Santa Clara and Huntington Avenues.

One-story frame and plaster fire house (tile and composition roof, cement and linoleum floors).

Owner—City of Richmond (J. A. McVittie, city manager).

Architect—Keith Narbett and Irving Brown, 462 31st St., Richmond.

Plans by firm of Narbett & Brown (I. Brown, Architect), 462 31st St., Richmond.

Plans and specifications may be obtained from the office of the architect upon deposit of \$5.

Bids will be received at the office of A. C. Farris, City Clerk, 2555 Nevin Ave., Richmond.

Sub Contracts Awarded  
**CENTRAL FIRE ALARM STATION**  
 Contract Price, \$23,300  
**SACRAMENTO**, Sacramento County, Calif. Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public lavatories, etc.); 40 x 40 composition roofing, 8 x 8-

inch glass block decorations, interior walls of metal lath and plaster partitions; acoustical walls, concrete basement, linoleum floors, etc.  
 Owner—City of Sacramento (H. G. Denton, City Clerk).  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento.  
**Contractor**—Holdener Construction Co., 2908 R Street, Sacramento.  
**Sheet Metal**—J. H. Mendenhall, 100 N. 16th St., Sacramento.  
**Plumbing & Heating**—Harvey H. Holland, 1715 P St., Sacramento.  
**Electrical**—J. C. Hobrecht, 1912 Eye St., Sacramento.  
**Roofing**—Sacramento Roof & Insulation Service, 12th and North B Sts., Sacramento.  
**Excavation**—J. R. Reeves, P.O. Box 1672, Sacramento.  
**Plastering**—S. Tuchfarber, 2116 36th St., Sacramento.  
**Glass & Glazing**—T. E. Cain, Inc., 2416 J St., Sacramento.  
**Painting**—Wilcoxon & Wilson, 1724 34th St., Sacramento.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—York Ice Machinery Corp., 234 9th St., at \$2,137 awarded contract by the Department of Public Works, City Hall, under Spec. No. 5639 for furnishing and installing air conditioning equipment in the Controller's office at the City Hall.  
 Complete bids published Feb. 25.

**14—RESIDENCES**

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**BURLINGAME HILLS**, San Mateo Co., Calif. Easton Drive Lots 6 & 7, Block 7.  
 Two-story frame and stucco residence.  
**Owner**—Robert W. Gates, 1224 Burlingame Ave., Burlingame.  
**Architect**—Not Given.  
**Contractor**—H. H. Holsher, 325 Elm St., San Mateo.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**REDWOOD HIGHLANDS**, San Mateo Co., Calif. 50 Myrtle St.  
 One-story frame and stucco residence.  
**Owner**—R. P. Klein, 48 Clinton St., Redwood City.  
**Architect**—Not Given.  
**Contractor**—L. R. Robertson, 28 Diller St., Redwood City.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$14,000  
**OAKLAND**, Alameda Co., California. Montclair Highlands.  
 Two-story frame and stucco residence (8 rooms, 2 baths), tile roof, hardwood floors, tile baths, etc.  
**Owner**—Name withheld.  
**Architect**—Ray Keefer, 585 Mandana Blvd., Oakland.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$35,000  
**SAN RAFAEL**, Marin Co., Calif. Golf Club Tract.  
 Two-story and basement frame and stucco residence (12 rooms, 4 baths); tile roof, tile terraces, tile baths, steam heat, concealed radiation, three-car garage.  
**Owner**—Name Withheld.  
**Architect**—S. Heiman, 605 Market St., San Francisco.  
 Bids will be asked in about two weeks.

**Plans Completed**  
**RESIDENCE** Cost, \$15,000  
**SAN FRANCISCO**, Calif. Scott St., bet. Broadway and Vallejo Sts.  
 Two-story frame and stucco residence (9 rooms, 3 baths), asbes-

tos or asphalt shingle roof, wood sash, hardwood floors, tile baths, etc.  
**Owner & Builder**—Sbarboro & Jorgensen, 207 Walnut St.  
**Architect**—John H. Ahnden, 822 319th Ave.  
 Construction will start immediately.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO**, Calif. 2532 Pacific Ave.  
 General alterations to residence.  
**Owner**—R. T. Hastings.  
**Architect**—Earle B. Bertz, 681 Market St.  
**Contractor**—D. L. Bienfield, 666 Mission St.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**SOUTH SAN FRANCISCO**, San Mateo Co., Calif. Parkway Terrace.  
 One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.  
**Owner**—Name Withheld.  
**Architect**—Marian Corbett, 72 Third Ave., San Mateo.  
**Contractor**—M. Dickson, Box 1, San Bruno.

**BIDS WANTED**  
**AJO**, Ariz.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have prepared plans and are taking bids for 43 residences to be built in Ajo for the New Cornelia Branch of Phelps-Dodge Corporation. Cost, \$85,000.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**PIEDMONT**, Alameda Co., Cal. Ranston Garden.  
 Two-story frame residence (10 rms., 4 baths), Colonial style, shingle roof, hardwood floors, tile baths, oil burning heating system, etc.  
**Owner**—W. L. Oliver, 2nd, care Architect.  
**Architect**—C. W. Mayhew, 6026 Acacia St., Oakland.  
**Contractor**—D. Nordstrom, 4150 Emerald St., Oakland.

**Plans Completed — Owner Taking Sub Bids**  
**DUPLEX RESIDENCES** Cost, \$8,500  
**RICHMOND**, Contra Costa Co., Calif. 6th and Nevin Sts.  
 Two one and one-half-story frame and stucco duplex residences (4 rooms each duplex), asphalt shingle roofs, floor furnaces, hardwood floors, tile baths, wood sash, etc.  
**Owner**—Frank Lambie, 1126 MacDonaid St., Richmond.  
**Plans by firm of Narbett & Brown** (I. Brown, Architect), 462 31st St., Richmond.

**Low Bidder**  
**RESIDENCE** Cost, \$7,200  
**RICHMOND**, Contra Costa Co., Calif. Mira Vista District.  
 One-story frame and stucco residence (5 rooms), asphalt shingle roof, central heating plant, hardwood floors, tile bath, wood sash, etc.  
**Owner**—Name withheld.  
**Plans by firm of Narbett & Brown** (I. Brown, Architect), 462 31st St., Richmond.  
**Low Bidder**—C. Norgrove, 2220 Roosevelt Ave., Berkeley.  
 Announcement shortly.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$5,000  
**MAYFORD**, Contra Costa Co., Calif. Addition of a one-story manse to Presbyterian Church (6 rooms).  
**Owner**—Presbyterian Church, Concord.  
**Plans by firm of Narbett & Brown**

(I. Brown, Arch.), 462 31st St., Richmond.  
**Contractor**—George Bitcon, 1121 E. Main St., Martinez.

**Plans Completed — Owner Taking Sub Bids**  
**RESIDENCE** Cost, \$4,300  
**RICHMOND**, Contra Costa Co., Calif. 36th and Roosevelt Sts.  
 One-story frame and rustic residence (5 rooms), shake roof, floor furnace, hardwood floors, tile bath, wood sash, etc.  
**Owner**—C. Nicholson, Richmond.  
**Plans by firm of Narbett & Brown** (I. Brown, Arch.), 462 31st St., Richmond.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,200  
**OAKLAND**, Alameda Co., Calif. 830-34 Vermont St.  
 One-story frame and stucco residence (11 rooms).  
**Owner**—Frank P. King, 3549 Lakeshore Ave.  
**Architect**—Not Given.  
**Contractor**—Page & Co., 327 14th St.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**SAN JOSE**, Santa Clara Co., Calif. One-story frame cottage (5 rooms, one bath), tile roof, gas heat, hardwood floors.  
**Owner**—F. Mendoza.  
**Architect**—Chas. McKenzie, Twoby Bldg., San Jose.  
**Low Bidder**—J. V. Gohranson, North 10th St., Rm. 2, Box 231, San Jose.

**Bids In — Under Advertisment**  
**RESIDENCE** Cost, \$20,000  
**SAN FRANCISCO**. Sea Cliff.  
 Two-story and basement frame and stucco residence (11 rooms and 4 baths), tile baths, shingle tile terra cotta roof, hardwood and tile floors.  
**Owner**—Mrs. Sophie Solomon.  
**Architect**—F. Frederic Amades, 414 Dewey Blvd., San Francisco.  
 Announcement shortly.

**Working Drawings Completed**  
**RESIDENCE** Cost, \$  
**BAYWOOD**, San Mateo Co., Calif. One-story frame and stucco residence (elevated bedroom), wood or steel sash, terra cotta shingle or pabco roof, hardwood floors, hot air heating system, two tile baths.  
**Owner**—Withheld.  
**Architect**—F. Frederic Amades, 414 Dewey Blvd., San Francisco.

**Preparing Plans**  
**RESIDENCES** Cost, \$  
**SAN FRANCISCO**. Lakeside Dist. Twelve two-story frame and stucco residences (7 and 8 rooms) mineral surface composition shingle roofs, gas fired hot air heating systems, hardwood floors, tile baths, etc.  
**Owner**—Stinson Bros., 1630 Ocean Avenue.  
**Architect**—Harold G. Stoner, 41 Sutter Street.

**Plans Being Figured—Bids Close**  
 March 16, before 5 P. M.  
**RESIDENCE** Cost, \$  
**SAN MATEO**, San Mateo Co., Calif. Two-story frame and stucco residence (7 rooms) mineral surface composition shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
**Owner**—Jos. A. Murphy, care architect.  
**Architect**—Harold G. Stoner, 41 Sutter St., San Francisco.  
 Plans are being figured by the following selected list of contractors: C. H. Bennett Co., 826 Walnut Ave., Burlingame; Langfeld & Olund, Ltd., 220 Third Ave., San Mateo.

E. S. Shaver, 753 Farrington Lane, Burlingame.  
C. Hammer, 1090 Burlingame Ave., Burlingame.

**Contract Awarded — Plans Being Completed**

**RESIDENCES** Cost, \$50,000  
SACRAMENTO, Sacramento Co., Cal.  
39th and McKinley Blvd.

Ten residences, brick and stucco exterior, rustic style (seven 5-room and three 6-room).  
Owner—Jones & Brand & Hullin, Inc., 805 J St., Sacramento.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor—Azevedo Constr. Co., 920 O St., Sacramento.

**Plans Being Completed**

**RESIDENCE** Cost, \$16,000  
PIEDMONT, Alameda Co., Calif. Lot 8, Ransome Gardens.

Two-story and basement frame residence (12 rooms, 4 baths), slate roof, hardwood floors, gas fired hot air furnace, tile baths, wood sash, etc.

Owner—Albert A. Fair, Inc.  
Architect—Houghton Sawyer.  
Plans will be completed in about one week.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,500  
PALO ALTO, Santa Clara Co., Calif.

2969 Webster St.  
One-story frame and stucco residence; garage.

Owner—Alfred Seale, Jr.  
Architect—A. W. Hawes, Los Angeles.

Contractor—B. Tunberg & Co., P.O. Box 329, Palo Alto.

**Contract Awarded**  
**RESIDENCES** Cost, \$7,500-\$8,500  
PALO ALTO, Santa Clara Co., Calif.

2410-11 Elyan Sts.  
Two one-story frame and stucco residences; garages.

Owner—N. T. Novell, 70 Waverly Oaks, Palo Alto.

Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Contractor—E. A. Janssen, 138 Clement St., San Francisco.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$6,900  
PIEDMONT, Alameda Co., Cal. Piedmont Pines.

One-story frame and stucco residence (6 rooms) Cedar shingle roof, hardwood floors, tile bath, gas furnace, etc.

Owner—C. H. Beebe, care architect.  
Architect—F. H. Slocome, 131 Monte Cresta Ave., Oakland.

General figures will be asked in about one week.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
EAST OAKLAND, Alameda Co., Cal. Wiltshire Blvd.

One-story frame and stucco residence (5 rooms) composition and tile roof, hardwood floors, tile bath, gas furnace, double garage, laundry room and work room to basement, etc.

Owner—Mr. Kessell, care contractor.  
Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

Contractor—Chas. W. Falk, 1520 East 38th St., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
BERKELEY, Alameda Co., Calif.

Two-story brick veneer and wood residence (11 rooms, 3 baths and lavatory), shake roof, tile floors, gas heat, air conditioning system, wood sash, three-car garage, etc.

Owner—Mrs. Loomis.  
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Contractor—C. M. Teigland, 2220 Terman St., Los Angeles.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$.....  
ORINDA, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms, 2 baths) shingle roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.

Owner—Captain Clayburne, care Architect.

Architect—F. L. Confer, 2147 Claremont Ave., Berkeley.

The following figured plans:  
Irving L. Graves, 631 Valle Vista Avenue, Oakland.

Frank A. Stead, 3206 Boise Street, Berkeley.

W. W. Watson, 4750 Meldon Ave., Oakland.

Vernon Bernard, 227 San Carlos Ave., El Cerrito.

C. E. Atkinson, 5032 Dover Street, Oakland.

Owner has taken bids under advertisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
WOODSIDE, San Mateo Co., Calif.

Two-story frame and stucco residence (8 rooms, 3 baths), tile and composition roof, oil burning hot air heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
Architect—Edward Eames, 216 Pine St., San Francisco.

Contractor—Miller & McGillis, 4444 Geary Blvd., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$8,242  
SAN JOSE, Santa Clara Co., Calif.

Two-story frame and stucco residence (7 rooms, 2 baths), shake roof, hardwood floors, gas fired hot air heating system, wood sash, etc.

Owner—M. Twombly.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Contractor—J. Schirle, 77 Hollywood Ave., San Jose.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
PIEDMONT, Alameda Co., Calif. 539 Blair Ave.

Two-story frame and stucco residence (8 rooms); garage.

Owner—L. B. Harrison, 506 Blair Ave.

Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

Contractor—Sigwald Bros., 916 Alma Ave.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
PIEDMONT, Alameda Co., Calif. 44 Sharon Ave.

Two-story frame and stucco residence (8 rooms); garage.

Owner & Builder—George Windsor, 11 Sharou Ave.  
Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
Three one-story and basement frame and stucco residences.

Owner and Builder—Herman Christensen, 1801 19th Ave.

Architect—C. O. Clausen, 746 46th Avenue.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
ORINDA, Alameda Co., Calif.

One-story frame residence (6 rooms, 1 bath) shake roof, gas hot air heating system, hardwood floors.

Owner—Stewart Campbell.  
Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

**Preparing Preliminary Plans**  
**RESIDENCE** Cost, \$20,000  
OAKLAND, Alameda Co., California.

Hampton Highlands.  
Two-story frame and stucco residence (10 rooms, 5 baths), tile roof, hardwood floors, tile baths, etc.

Owner—Name withheld.  
Architect—Ray Keefer, 585 Mandana Blvd., Oakland.

**Contract Awarded**  
**SORORITY HOUSE**

**BERKELEY** Contract Price, \$44,265  
Alameda County, Cal. Channing Way, 395 ft. East of College Ave.

Two-story frame, stucco and brick sorority house.

Owner—Gamma Phi Beta, 2732 Channing Way, Berkeley.

Architect—W. W. Wurster, 260 Calli-trellia Ave., Piedmont.

Contractor—S. J. Bertelsen, 80 Es-

**Plans Being Figured—Bids Close**  
March 18, 5 P. M.  
**STUDIO BLDGS.** Cost, \$.....  
SAN FRANCISCO, Lombard Street off Kearny Street.

One two-story studio buildings (two studios) and one one-story studio building, each consisting of one large studio, bedroom, kitchen and bath.

Plans are being figured by the following selected list of contractors:

A. F. Mattock Co., 212 Clara St.  
M. A. Little Co., Inc., 107 24th Ave.  
G. P. W. Jensen & Sons, Inc., 320 Market St.

Moore & Madsen, 557 Market St.  
H. H. Larsen Co., 64 South Park.  
Paul K. Jones, 666 Mission St.  
All of San Francisco.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
SAN FRANCISCO, E. 16th Ave, S Ortega St.

Three one-story and basement frame and stucco residences.

Owner & Builder—Henry Doelger Bldr., Inc., 320 Judah St.

Architect—Not Given.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif.

One-story frame and stucco residence (six rooms) shake roof, hardwood floors, tile bath, gas fired heating system, garage.

Owner—Withheld.  
Architect—C. K. Sumner, Deckeroak Bldg., Palo Alto.

Announcement shortly.

**Correction in Contractor's Address**  
**RESIDENCE** Cost, \$.....  
BERKELEY, Alameda Co., Calif.

Two-story brick veneer and wood residence (11 rooms, 3 baths and lavatory), shake roof, tile floors, gas heat, air conditioning system, wood sash, three-car garage, etc.

Owner—Mrs. Loomis.  
Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Contractor—C. M. Teigland, 4688 Dolores Ave., Oakland.

**BIDS WANTED**  
SAN FERNANDO VALLEY, Los Angeles Co., Calif.—Harmony House Investment Co., 13322 Magnolia Blvd., Van Nuys, is taking segregated bids on all trades for 100 houses the company proposes building in the San Fernando Valley. They will be five-room, wood frame structures, costing less than \$5000 each. Wm. Field



Stanton, 371 Patrician Way, Pasadena, is the architect.

**Plans Being Prepared**  
**RESIDENCE** Cost, \$5,000  
**STOCKTON**, San Joaquin Co., Calif.  
 One-story duplex residence, (two 4-room and bath apartments), wood siding, shingle roof, hardwood floors, gas floor furnaces, wood sash, etc.  
**Owner—Withheld.**  
**Architect—Joseph Losekann**, 1218 W. Harding St., Stockton.  
 Plans will be completed in about one week.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**SALINAS**, Monterey Co., Calif.  
 One-story frame and sliding residence (6 rooms, 1 bath), tile bath, shingle roof, hardwood floors, central hot air heating system, steel sash.  
**Owner—Dr. Daughters.**  
**Architect—Chas. E. Butner**, 7 Winham St., Salinas.  
**Low Bids:**—Torrison, P.O. Box 1204, Salinas.  
 Complete bids follow:  
 L. Torrison, Salinas.....\$8,840  
 O. M. Hansen, Salinas.....8,851  
 Albert Staton, Salinas.....9,571  
 V. H. Moore, Salinas.....9,550  
 H. P. Klimzey, Salinas.....9,795  
 Bids held under advisement.

**Bids In—Held Under Advisement**  
**ADDITION** Cost, \$.....  
**SAN FRANCISCO**, 2945 Ocean Ave.  
 Addition to residence of social hall and maid's quarters.  
**Owner—Mr. Cohen**, care architect.  
**Architect—Charles F. Strothoff**, 2274 Fifteenth Street.  
 Announcement shortly.

**Plans Completed—Owner Taking**  
**Figures** Cost, \$4,500  
**PALO ALTO**, Santa Clara Co., Calif.  
 One - story frame and stucco residence (5 rooms) shake roof, steel sash, gas floor furnace, hardwood floors, tile bath, garage.  
**Owner—C. Bixley**, 811 Howard St., San Francisco.  
**Architect—D. E. Jaekle**, 126 Post St. San Francisco

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$4,500  
**SAN FRANCISCO**, Scotia and Sui-  
 vaner Avenues  
 One - story frame and stucco residence (5 rooms and patio) tile and composition roof, wood sash, hardwood floors, tile bath, not air heating system.  
**Owner and Builder—D. Romagnoli**, 76 Albion Street.  
**Architect—D. E. Jaekle**, 126 Post St.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO**, West Roselyn  
 Ferry south of Turk Street.  
 Five one-story and basement frame and stucco residences.  
**Owner and Builder—Oliver M. Rousseau**, 321 Kearny Street.  
**Architect—Wm. Gunnison**, 1666 Golden Gate Avenue.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO**, West Tamalpais  
 St. south of Turk Street.  
 Five one-story and basement frame and stucco residences.  
**Owner and Builder—Oliver M. Rousseau**, 321 Kearny Street.  
**Architect—Wm. Gunnison**, 1666 Golden Gate Avenue.

**Completing Plans**  
**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO**, Calif. Visitation  
 Valley.

One-story frame and stucco residence (6 rooms), hardwood floors, tile bath, Pacbo roof, automatic gas heating system, etc.  
**Owner—Name withheld.**  
**Architect—A. H. Larsen**, 333 Kearny St., San Francisco.

**Plans Completed**  
**RESIDENCE (Model Home)**  
 Cost, \$6,000  
**SAN FRANCISCO**, Calif. Chester  
 Avenue, nr. Junipero Serra Blvd.  
 One-story and basement frame and stucco residence (5 rooms), hardwood floors, tile bath, gas furnace, etc.  
**Owner & Builder—Mohr & Sons.**  
**Architect—A. H. Larsen**, 333 Kearny St.

**Contract Awarded**  
**RESIDENCE** Cost, \$13,848  
**SAN LEANDRO**, Alameda Co., Calif.  
 Lots 10 and 11, Lee Avenue.  
 Two - story frame and stucco residence and garage.  
**Owners—J. F. Ebersole**, care architect.  
**Architect—C. H. Treichel**, 696 Cleveland St., Oakland.  
**Contractor—T. O. Reese**, 618 Victoria Court, San Leandro.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$15,000  
**PIEDMONT**, Alameda Co., Calif.  
 Two-story and basement frame and stucco residence (10 rooms, 3 baths), half timber, shake roof, gas fired hot air heating system, wood sash, hardwood floors, tile baths, garage, etc.  
**Owner—Name withheld.**  
**Architect—Albert H. Larsen**, 333 Kearny Street, San Francisco.  
 General bids will be asked in about ten days.

**Preparing Plans**  
**RESIDENCES** Cost, \$7,500 to  
 \$11,000 ea.  
**SAN FRANCISCO**, Calif., Pinelake  
 Park.  
 Sixteen one-story frame and stucco residences; hardwood floors; tile baths, shake, composition and tile roofs, etc.  
**Owner and Builder—A. J. Herzog**, 700 Sloat Boulevard.  
**Architect—A. H. Larsen**, 333 Kearny Street.

Plans are now being completed on the first residence and construction will start shortly.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$7,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, tar and gravel roof, gas furnace, wood sash, etc.  
**Owner—Name Withheld.**  
**Architect—George Patton Simonds**, 80 Main Street, Hayward.  
 General figures will be asked in about three weeks

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**KENTFIELD**, Marin Co., Calif. Del  
 Mesa Tract.  
 Two - story frame and stucco residence (6 rooms) shingle roof, gas hot air heating system, hardwood floors, tile baths, two garages.  
**Owner—D. J. Miller**, care Architect.  
**Architect—C. F. Gromme**, Freitas Bldg., San Rafael.  
**Contractor—J. Dawson** and J. Messenger, 1507 Lincoln St., Berkeley.

15—SCHOOLS

**Contract Awarded** Cont. Pr. \$97,877  
**SCHOOL**  
**LINDSAY**, Tulare Co., Calif. (Lindsay Junior High School)

One - story reinforced concrete and structural steel junior high school building (composition roofing, steel sash, metal lath and plaster walls and partitions, concrete and hardwood floors, etc.).

**Owner—Lindsay High School District** (M. A. Jenvy, Clerk).  
**Architect—H. Gogerty**, 6272 Yucca St., Hollywood.  
**Contractor—R. P. Moore**, 3662 Verrue Ave., Fresno.

**LOW BIDDER**  
**LOS ANGELES**, Calif.—Kurt Lipschutz, 169 N. La Brea Ave., Los Angeles, at \$61,869, submitted low bid to Los Angeles board of education, for a reinf. concrete cafeteria and student union building to be erected at Los Angeles Junior College, 855 N. Vermont Ave. Architects Allison & Allison; Structural Engineer, Franklin N. Ropp, and Mechanical Engineer, E. L. Ellingwood.

**New Bids Wanted — To Close March 18, 8 P. M.**  
**GYMNASIUM** Cost, \$.....  
**OAKDALE**, Stanislaus Co., Calif.  
 One-story stucco gymnasium building, shower and locker rooms, at the Oakdale Union High School.  
**Owner—Oakdale Union High School District.**

**Architect—Harold H. Weeks**, 593 a Market St., San Francisco.  
 Plans and specifications may be obtained from the office of the Principal in the Old Building of the Oakdale Union High School, G Street and Bryan Avenue, and from the office of the architect upon deposit of \$20.  
 Bids will be received and opened at the Board Room in the New Bldg. of the Oakdale Union High School.

All bids were rejected at previous bid opening Feb. 8, at which time Swanson & Alberg, Turlock, at \$18,209, submitted low bid.

**CONTRACT AWARDED**  
**GYMNASIUM** Cont. Pr. \$35,000  
**SACRAMENTO**, Sacramento County, Calif. Fourth and O Streets.  
 One - story reinf. concrete gymnasium (73x133 ft.) steel trusses.  
**Owner—Buddhist Church, Inc.**, 413 O St., Sacramento.  
**Architect—Jens C. Petersen**, 812 26th St., Sacramento.  
**Structural Engineer—E. D. Francis**, California State Life Bldg., Sacramento.

**Contractor—Azevedo Constr. Co.**, 920 O St., Sacramento.  
 Contract awarded on a basic bid of \$10,462 for deductions for omitting plastering and furring, ceiling joists and ceiling, and alterations to balcony.

Sub Contracts Awarded Cost, \$236,420  
**DAHMSTORY** Santa Clara Co., Cal.  
 Stanford University Campus.  
 Addition to women's dormitory (Lagunita Court), two wings to accommodate 80.  
**Owner—Stanford University.**  
**Architect—Baleswell & Weihe** and Arthur Brown, Jr., associate architects, 251 Kearny St., San Francisco.  
**Contractor—Geo. Wagner**, 181 South Park, San Francisco.

**Excavations—Palo Alto Road Materials Company**, 465 California Ave., Palo Alto.  
**Steel Frame—Soule Steel Co.**, 1150 Army St., San Francisco.  
**Plumbing & Heating—J. H. Pinkerton Co.**, 927 Howard St., San Francisco.  
**Electric Wiring—Roy M. Butcher**, 1020 Sherwood St., San Jose.  
**Roofing—Reaves Roofing Co.**, Rt. 1, Box 806, Palo Alto.

**Additional Sub Contracts Awarded****SCHOOL BLDG.** Cost, \$565,000**PALO ALTO, Santa Clara Co., Calif.**

Campus of Stanford University.

Three-story steel frame and reinforced concrete School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 research rooms, 23 special small rooms), auditorium to seat 500.

Owner—Stanford University.

Architect—Bakewell &amp; Welhe, and Arthur Brown, Jr., Associate Architects, 251 Kearny Street, San Francisco.

Contractor—Geo. Wagner, 181 South Park, San Francisco.

**Excavations—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto.****Structural Steel—Judson-Pacific Co., 609 Mission St., San Francisco.**

As previously reported:

Electric—Roy M. Chase, 1029 Sherwood St., San Jose.

Plumbing &amp; Heating—J. H. Pinkerton, 927 Howard St., San Francisco.

Roofing—Reaves Roofing Co., Route 1, Box 806, Palo Alto.

Stone—California Cut Stone &amp; Granite Works, Railroad and Magnolia Aves., So. San Francisco.

Architect—W. H. and Harold Weeks, 592 Market St., San Francisco.

Bids will be received at the office of the Taft Union High School, where they will be opened at 8 p.m.

Segregated bids will be received as follows:

(1) General Construction;

(2) Heating and Plumbing;

(3) Hardware;

(4) Linoleum and Window Shades;

(5) Electric Work.

Plans and specifications may be obtained from the office of the architects upon deposit of \$20.

Following have taken out plans:

**General Construction**

Midstate Construction Co., 245 Clinton Ave., Fresno.

W. J. Ochs, Pacific Southwest Bldg., Fresno.

L. H. Hansen, 934 Safford Avenue, Fresno.

Creswell-Shields &amp; Fisher, 1501 Pacific Southwest Bldg., Fresno.

N. H. Sjoberg &amp; Son, 5604 E. 16th St., Oakland.

F. C. Stolte, 1405 San Antonio Ave., Alameda.

Harris Construction Co., 577 McKinley Ave., Fresno.

Opperman &amp; Kampe, Box 414, Station A, Bakersfield.

R. J. Daum, 3964 Budlong Ave., Los Angeles.

Williams &amp; Greenough, 130 Lincoln St., Bakersfield.

H. B. Nicholson, 443 E. First St., Long Beach.

Mechanical Engineer—T. J. James, University of California.

Structural Engineer—W. L. Huber, 1 Montgomery St., San Francisco.

Bids were taken and contracts awarded on (1) General construction;

(2) Plumbing; (3) Heating and Ventilating; (4) Electric work.

**General Construction**

Contractor—Campbell Constr. Co., 800 R St., Sacramento—\$202,900.

**Plumbing**

Anderson &amp; Rowe, 45 Belcher St., San Francisco—\$33,225.

**Heating & Ventilating**

M. R. Carpenter, 907 Front St., Sacramento—\$39,921.

**Electric Work**

Edward J. Lynch Electric Co., 2080 Sutter St., San Francisco—\$12,538.

NOTE: Campbell Construction Co., awarded general construction contract for this bid \$202,900, with a deduction order to eliminate swimming pool of \$42,756; however, should the University acquire the necessary money before July 1, 1937, the swimming pool will be included in the bid.

All plumbing, heating and electrical work in connection with the pool will be done.

**Architect Selected****SCHOOLS** Cost, \$.....**VALLEJO, Solano Co., Calif.**

Additional school building facilities.

Owner—Vallejo Unified School District

Architect—John J. Donovan, 950 Parker St., Berkeley

Mr. Donovan has been selected to prepare a program and estimates of costs for the required school additions.

A bond election will be held in June to vote sufficient bonds to cover construction costs.

**Heating & Plumbing**

Frank Hudson, 2141 S. Van Ness Ave., Fresno.

B. A. Newman Co., 320 N. H St., Fresno.

W. M. McKenney, 2226 Oregon Dr., Bakersfield.

Carl E. Doane.

E. W. Peck, 303 Center St., Taft.

Hardware &amp; Linoleum &amp; Window Shades

Taft Furniture &amp; Hardware Co. Pioneer Mercantile Co., Taft.

Marshall-Nelson Supply Co., Spear and Mission Sts., San Francisco.

Miners Furniture Co.

**Electric Work**

Norman A. Russell, 822 College Ave., Santa Rosa.

Pomeroy Electric Company, Shasta and Union Aves., Avenal.

American Electric Construction Co., 462 Bryant St., San Francisco.

United Electric Construction Co., 541 Golden Gate Ave., San Francisco.

Electric Construction Co., Inc., P.O. Box 638, Fresno.

Robinson Electric, 136 N. Van Ness Ave., Fresno.

Midway Electric Co., 204 Center St., Taft.

Electric Wiring &amp; Construction Co., 219 Lucard St., Taft.

Lee Electric Co., 714 Central Ave., San Francisco.

**Contract Awarded ALTERATIONS** Cost, \$13,000  
**SAN FRANCISCO.** 775 Market St.  
 Alter ticket office.  
 Owner—Hibernia Savings and Loan Association.  
 Architect—Not Given.  
 Contractor—Mullen Mfg. Company, 60 Rausch St.

**To Ask Bids Shortly**  
**BANK** Cost, \$80,000  
**SACRAMENTO,** Sacramento Co., Cal.  
 Tent St., between J and K Sts.  
 One-story reinforced concrete bank building (polished granite base on exterior, bronze window and door trimmings).  
 Owner—American Trust Co., 464 California St., San Francisco.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
 Bids will probably be called this week.

**Plans Being Figured — Bids Close March 18**  
**AIR CONDITIONING SYSTEM** Cost, \$.....  
**FRESNO,** Fresno Co., Calif. Tulare and Fulton Streets.  
 Air conditioning system in Bank of America and in main office of Capital Company.  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.  
 Plans and specifications obtainable from the office of the Capital Company in San Francisco.

**Sub-Contracts Awarded STORE** Cost, \$250,000  
**SANTA ROSA,** Sonoma Co., Calif. D and Fourth Streets.  
 Two - story steel frame and reinf. concrete department store bldg. (30 departments), complete air conditioning equipment, electric plant.  
 Owner—Fred Rosenberg, Santa Rosa Architect—Hertzka and Knowles, 369 Pine St., San Francisco.  
 Structural Engineer—W. W. Breite, 120 Battery St., San Francisco.  
 Mechanical Engineer—Leland & Haley, 53 Sutter St., San Francisco.  
 Contractor—Moore and Roberts, 693 Mission St., San Francisco.  
**Excavation—Krusze & Co., Healdsburg.**

**Cement—Calaveras Cement Co., 315 Montgomery St., San Francisco.**  
**Concrete Aggregate—Basalt Rock Co., Inc., 6th and Channel Sts., San Francisco.**  
**Lumber—Sterling Lumber Co., 32nd and Etite Sts., Oakland.**  
**Sheet Metal—Gust Malm, 610 Second St., Santa Rosa.**  
**Ornamental Iron—Romak Ornamental Iron Works, 915 18th Street, Oakland.**

**Metal Toilet Partitions—C. J. Waterhouse Co., 55 New Montgomery St., San Francisco.**  
**Terrazzo—California Terrazzo Marble Co., 2085 San Bruno Avenue, San Francisco.**  
**Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.**  
**Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.**  
**Asphalt Tile—American Art Tile Co., 231 Franklin St., San Francisco.**  
**Linoleum—West Coast Linoleum and Carpet Stores, 2703 Mission St., San Francisco.**

As previously reported: electric awarded to American Electric Const. Co., 462 Bryant St., San Francisco; structural steel to Bethlehem Steel Co., 20th and Illinois Sts., San Francisco; heating, ventilating, plumbing to Jas. A. Nelson, Inc., 1375 Howard St., San Francisco; painting to Raphael Co., 270 Tehama Street, San

Francisco; elevators, to Otis Elevator Co., 1 Beach St., San Francisco.

**Contract Awarded ALTERATIONS** Cost, \$18,000  
**SAN FRANCISCO,** Calif. Broadway and Stockton Streets.  
 Alterations to store and loft.  
 Owner—A. Esmoil, care of architect.  
 Architect—Fabre & Hildebrand, 110 Sutter Street.  
 Contractor—R. Paratore, 549 Fell St., San Francisco.

**Sub Contract Awarded WAREHOUSE AND OFFICES** Cost, \$200,000  
**SAN FRANCISCO.** SW Beale and Polson Streets.  
 Four-story old basement, mezzanine floor warehouse and office building (137 x 170 ft.), one freight and one passenger elevator, steam heating system, etc.  
 Owner—Coffin - Reddington Co., 401 Mission St.  
 Architect—F. H. Meyer, Kohl Bldg. Engineer—L. H. Nishkian, 525 Market Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Hardware—Palace Hardware Co., 581 Market St.**  
 Sub contracts awarded to date published Nov. 16, Jan. 12, and Feb. 18.

**Contract Awarded STORE BLDG.** Cost, \$32,730  
**SAN FRANCISCO,** Calif. W. 24th Ave., 225 ft. N. Lawton St.  
 One-story and basement frame and stucco store bldg.  
 Owner—Atlas Realty Corp., 20th Ave. and Judah St.  
 Architect—Not Given.  
 Contractor—Standard Bldg. Co., 1500 Judah St.

**To Be Done By Day's Work OFFICE BLDG.** Cost, \$15,000  
**DUMBARTON,** San Mateo Co., Calif. Charter and Hancock Sts.  
 New office building.  
 Owner & Builder—W. R. Voorhies, Inc., Alameda de la Pulgas, Redwood City.  
 Architect—Not Given

**Completing Plans ALTER BLDG.** Cost, \$15,000  
**SAN RAFAEL,** Marin Co., Calif. 4th and 7<sup>th</sup> Streets.  
 General alterations to commercial building.  
 Owner—Martin Stelling, Jr. Architect—Earle B. Bertz, 681 Market St., San Francisco.  
 Construction will start about April 1 by a selected contractor.

**Completing Plans ALTERATIONS** Cost, \$6,000  
**SAN FRANCISCO,** Calif. 18th and Castro Sts.  
 General alterations to store building.  
 Owner—Mercantile Properties Co. Architect—Earle B. Bertz, 681 Market St.  
 Bids will be asked from a selected list of contractors at the end of the week.

**Plans Being Figured—Bids Close March 17, before 5 P. M.**  
**STORES & APTS.** Cost, \$7,500  
**MILLVALLEY,** Marin Co., Cal. Locus Avenue.  
 Two-story frame and stucco store & apartment building (2 stores, 2 apts.) tar and gravel roof, wood sash.  
 Owner - C. Gardner.  
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.  
 Following are figuring plans:  
 Melvin H. Klyce, 25 Eugene Street, Mill Valley.  
 Leisher & Trobeck, Albert Building San Rafael.  
 Vincent Maggio, 452 N 15th St.,

San Jose.  
 O. S. Pritchard, Sunnyside and Carmelita Sts., Mill Valley.

**Preparing Preliminary Plans CULVER CITY,** Los Angeles Co., Calif.—Architect Claude Beckman, 109 Union Bank Bldg., Los Angeles, is preparing preliminary plans for a 5-story, Class A, reinforced concrete office building to be built on Grant Street, Culver City, for Electro-Goldwyn-Mayer Studios; floor area, 115,000 square feet. Cost, \$750,000.

**17— THEATRES**

**Contract Awarded THEATRE** Cost, \$.....  
**STOCKTON,** San Joaquin Co., Calif. Main St., bet. California and Sutter Sts. (Yosemite Theatre).  
 New reinforced concrete Class C theatre building (50x125 feet), seat 950; 20-foot foyer, with store on each side.  
 Owner—E. L. Wilhoit, Stockton.  
 Architect—A. A. Cantin, 61 Pine St., San Francisco.  
 Contractor—O. H. Chain, 41 S. Sutter St., Stockton.  
 Contract does not include electric work, heating, decorating or sign on the marquee

**Preparing Plans THEATRE** Cost, \$.....  
**YUBA CITY,** Sutter Co., Calif. NW Cor. Plumas and Church Sts.  
 New theatre building to seat 1,000; air-conditioning system.  
 Owner—Associated Theater Enterprises (George Mann, Pres.).  
 Plans by William David, company architect.

**18— WHARVES & DOCKS**

**CONTRACT AWARDED SAN FRANCISCO—**Healy-Thibbitts Constr. Co., 64 Pine St., San Francisco, at \$2,948, submitted low bid and awarded contract by the Board of State Harbor Commissioners, Ferry Bldg., Frank G. White, Chief Engineer, for the construction of a scale pit at the Islals Grain Terminal on the waterfront.  
 The work includes: the construction of the structure only. Work of installing the scale mechanism and the platform will be done by others after the scale pit is constructed.

The materials to be used shall consist of Douglas fir piles, portland cement, concrete aggregate and steel reinforcement. Piles shall be 75 ft. in length, not less than 8 in. at the top and 15 in. at the butt.  
 Complete bids follow:  
 Healy-Thibbitts Constr. Co. \$2,948  
 Duncanson Harelson Co. 3,295  
 Ben C. Gerwick 3,447  
 A. W. Kitchens 3,477  
 M. E. Vuklejevich 3,554  
 F. C. Amoroso & Sons 3,773

**19—MISC. CONSTRUCTION**

**PREPARING SKETCHES LOS ANGELES,** Calif.—Architect Harry T. Miller, 434 Loma Vista St., is preparing sketches for a proposed stadium to be built on a ten-acre site near the Los Angeles Union Stockyards for the Great Western Livestock Show. The building would have seating accommodations for 15,000 persons and would cost approximately \$1,000,000, financing to come from the state, the county, and private subscription. J. A. McNaughton, president of the Great Western Livestock Exhibit Assn., and E. D. Bigler, president of the Forty-eighth District Agricultural Assn. are sponsoring the project.

**Bid Opening Date Postponed Until March 25, 11 A. M.**  
**PASSENGER TERMINAL**  
 Cost, \$2,000,000 to \$3,000,000  
 LOS ANGELES, Calif. Alameda St., bet. Aliso and Macy Streets.  
 Passenger terminal buildings, offices, administration unit, main concourse, entrance lobby, dining room, kitchen, main waiting room, concrete tower.

**Owner**—Santa Fe, Union Pacific and Southern Pacific Electric Co.  
**Plans by Engineering Department of Owner** (A. J. Barclay, Construction Supt., 726 N. Alameda St., Los Angeles).

Bids are being received by the construction superintendent from the following selected list of contractors: E. E. Campbell, 711 Central Bldg.; Barrett & Hill, 918 Harrison St., San Francisco; Clinton Construction Co., 1003 Spring Arcade Bldg.; Lindgren & Swinerton, 205 W. Olympic Blvd.; Lynch-Cannon Engng. Co., 3655 Wilshire Blvd.; MacDonald & Kahn, Financial Center Bldg., San Francisco; Robert E. McKee, Central Bldg.; J. V. McNeil Co., 6850 Avaton Blvd.; Wm. F. Nell, 4314 Loma Vista St.; Pozzo Const. Co., 2403 Riverside Dr.; Wm. Simpson Const. Co., 816 West Fifth St.; Ford J. Twalts Co., 316 W. Fifth St.; P. J. Walker Co., 3900 Whiteside Ave.; Herbert M. Baruch Corp., 625 Olive St.

The mechanical and electrical work has been omitted from the general contract, which does not include the mail, baggage and express buildings which are now under construction by the owners.

Bid opening postponed from March 15.

#### CONTRACT AWARDED

**TUCSON, ARIZ.—M. M. Sundt Construction Co., Box 224.** Tucson, has been awarded contract for erection of a brick telephone building on E. Pennington Street, Tucson, for the Mountain States Telephone and Telegraph Co., A. A. Sundin, district manager. Cost, \$50,000. Plans prepared by R. C. Bryant, architect for the Tucson, and Architect Roy Place, of Tucson.

#### Contract Awarded

**ALTERATIONS** Cont. Pr., \$23,465  
**BERKELEY, Alameda Co., Cal.** Berkeley Senior High School.

Rehabilitating two existing swimming pools in boys' and girls' gymnasium (each pool 32x75 ft.), taking out brick walls and replacing with granite or concrete and strengthening roof and frames of building (one 50x95-ft. and one 50x120-ft.).

**Owner**—Berkeley Unified School District (Charles P. Andrews, Secretary), 2325 Milvia St.

**Structural Engineer**—Thos. F. Chace, Berkeley Board of Education.  
**Contractor**—Central California Const. Co., Inc., 115 Burrows St., San Francisco.

#### BIDS WANTED

**WILLAMETTE RIVER, Oregon.**—Until March 15, 3 p. m., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-351, for removing sunken river steamboat "Home" seated in the Willamette River, about 19.8 miles above its mouth.

Specifications obtainable from the above office.

**Low Bidder**  
**GRADING, Etc.** Cost, \$7,000  
**SAN FRANCISCO, Calif.** SW Cor. Otis and McCoppin Sts.  
 Grading and leveling of the yard and furnishing and installing wire and wooden fence.

**Owner**—Pacific Telephone & Telegraph Company.  
**Plans by Engineering Department of Owner.**

**Low Bidder**—Monson Bros., 475 Sixth St.  
 Announcement shortly.

#### Contract Awarded

**SAN FRANCISCO.—H. S. Tittle Co., 85 Columbia Square, San Francisco, at \$1,807,** completion in ten days, submitted the only bid received and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, Dist. Eng. Officer, Custom House, under Bid No. 868-37-198, for the constructing of a temporary 11-kv. power line, approximately 3,900 ft. long, for a period terminating June 30, 1937, connecting with an existing temporary power line now located on Yerba Buena Fill. Submarine cable connections are not included in the contract.

#### BIDS OPENED

**SAN FRANCISCO.**—Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, at \$1,542, completion in 12 days, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-194, for drydocking, painting and repairing the U. S. Motorboat, "Mamala."

#### UNIT BID LISTING

**SAN BERNARDINO CO., Calif.**—E. C. Nickel, 912 Micheltorena St., Los Angeles, at \$16,289, as previously reported, submitted low bid to the Metropolitan Water District, Los Angeles, under Spec. No. 196, for the construction of a 69-kv. transmission line in San Bernardino County, approximately 17 miles northwest of Earp.

The work comprises construction of approximately 2.2 miles of double-circuit, 3-phase steel tower transmission line between Gene and Intake pumping plants. The District will furnish copper conductors, insulators, ground wires, hardware for conductors, and fabricated steel for towers, cement, and other miscellaneous materials.

The work involves:

- (1) Erecting under items 1 and 2 the contracted portions of towers:
- (1) 7 type S towers;
- (2) 6 type D towers;
- (3) Erecting under items 3 and 4 standard legs;
- (3) 12 legs for type S towers;
- (10) 10 legs for type D towers;
- (1) 1 leg 3 ft. shorter than standard for type S tower;
- (6) 10 legs 6 ft. shorter than standard for type S tower;
- (7) 8 legs same as above for type D tower;
- (4) 4 legs 3 ft. shorter than standard for type S tower;
- (1) 1 leg 6 ft. shorter than standard for type S tower;
- (10) 6 legs same as above for type D tower;
- (11) 2 extensions 6 ft. long for one leg for type S tower;
- (12) 1 extension 12 ft. long for one leg of type S tower;
- (1) 1 extension 18 ft. long for one leg of type S tower;
- (14) 24 1/2 in. excav. and backfill for type S tower;
- (15) 205 1/2 in. same for type D tower;
- (16) 28 anchors setting structural steel, furnishing and placing reinf. steel and concrete for type S tower;
- (17) 24 anchors same for type D tower;
- (18) installing Insulators and hardware for conductors for 7 type S towers;
- (19) same for 6 type D towers;
- (20) ground wire hardware for 7 type S towers;

- (21) same for 6 type D towers;
- (22) 11,145 1/2 in. six 4/0 copper conductors;
- (23) 11,145 1/2 in. two 1/2-in. galv. overhead ground wires;
- (24) 10 c. y. earth excav. for drainage and misc. purposes;
- (25) 10 c. y. rock excav. for drainage and misc. purposes.

Total bids follow:

- (A) E. C. Nickel, Los Angeles—\$16,289.  
 (B) Fritz Ziebarth, Long Beach—\$16,888.20.  
 (C) Lawrence P. Powles, Parker—\$17,583.  
 (D) Bennett & Taylor, Los Angeles—\$20,501.40.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	\$150.00	\$212.00	\$200.00	\$275.00
(2)	175.00	294.00	240.00	330.00
(3)	40.00	13.20	9.00	16.50
(4)	50.00	17.00	13.00	22.00
(5)	40.00	10.20	7.00	9.00
(6)	35.00	7.80	6.00	10.00
(7)	45.00	11.20	10.00	12.00
(8)	45.00	11.20	10.00	11.00
(9)	50.00	16.00	13.00	17.00
(10)	60.00	24.00	20.00	33.00
(11)	10.00	13.00	10.00	12.00
(12)	20.00	17.00	15.00	21.00
(13)	30.00	23.00	20.00	30.00
(14)	4.00	7.50	7.00	8.90
(15)	5.00	9.00	20.00	11.50
(16)	100.00	90.00	66.00	93.50
(17)	130.00	100.00	100.00	115.00
(18)	40.00	30.00	45.00	31.00
(19)	75.00	248.00	70.00	100.00
(20)	10.00	9.50	10.00	10.00
(21)	20.00	54.00	18.00	25.00
(22)	2000.00	1000.00	800.00	3000.00
(23)	500.00	500.00	400.00	422.00
(24)	2.00	.50	.50	5.00
(25)	5.00	10.00	10.00	10.00

#### BIDS OPENED

**ALAMEDA AND CONTRA COSTA COS., Calif.**—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, at \$18,893, submitted the only bid received by the Board of Directors of Joint Highway District No. 13, under Schedule "F" for carbon monoxide detectors and recorders for the Broadway Low Level Tunnel.

(Bid referred to the F.W.A.

Wallace B. Boggs, Chief Engineer.

#### BIDS OPENED

**ALAMEDA & CONTRA COSTA COS., Calif.**—Moore Dry Dock Co., foot of Adeline St., Oakland, at \$61.65 per lb., total \$22,680, submitted the only bid received by the Board of Directors of Joint Highway District No. 13, under Schedule "H" for the construction of steel structures for the completion of the Broadway Low Level Tunnel.

The work involves 140,000 lbs. of light structural steel trusses and pultrins for installation at each end of the tunnel to support the louvre system.

(Bid referred to the P.W.A.

Wallace B. Boggs, Chief Engineer.

#### BIDS OPENED

**ALCATRAZ.—W. R. Ballinger & Son, 50 Hawthorne St., San Francisco, at \$98,** submitted low bid to the Warden, U. S. Penitentiary, Alcatraz, under Bid No. 916, for the raising of two steel tanks, weighing approximately 3 1/2 tons each, 23 ft. long by 3 ft. diam., from the ground to the roof of Bldg. No. 86, approximately 34 ft. high, at the U. S. Penitentiary, Alcatraz Island.

(The other bids were:

Farrington & Engle, S. F., \$175  
 G. W. Thomas Drayage & Rigging Co., S. F., 222

**Bids In—Announcement Shortly.**  
**ALTERATIONS** Cost, \$50,000  
**SACRAMENTO, Sacramento County, Calif.** Seventh and L Streets.  
 Alterations to modernize interior and exterior of stage depot.

Owner — Pacific Greyhound Lines, Ltd. (F. W. Ackerman, Vice-President).  
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Plans Being Figured — Bids Close April 6, 2 P. M.

**BOILER** Cost, \$.....  
**CAMARILLO, Ventura Co., Calif.**  
 Erection and completion of a 500-hp. water tube boiler, complete with foundations, burner, breeching, blow-off tank, piping, and other appurtenances, for complete installation in the Boiler Plant Bldg. at the Hospital.

Owner—State of California.  
 Architect — George B. McDougall, State Architect, Public Works Bldg., Sacramento.

Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS OPENED**  
**SAN BERNARDINO CO., Calif.**—E. C. Nickel, 912 Micheltorena St., Los Angeles, at \$16,389, submitted low bid to the Metropolitan Water District, Los Angeles, under Spec. No. 196, for the construction of a 69-in. transmission line in San Bernardino County, approximately 17 miles northwest of Earp.

The work comprises construction of approximately 2.2 miles of double-circuit, 3-phase steel tower transmission line between Gene and Inglewood pumping plants. The District will furnish copper conductors, insulators, ground wires, hardware for conductors, and fabricated steel for towers, cement, and other miscellaneous materials.

Total bids follow:  
 E. C. Nickel, Los Angeles, \$16,389.00  
 Fritz Ziebarth, Long Beach, 16,388.20  
 Lawrence P. Cowles, Parker Dam, 17,853.00  
 Bennett & Taylor, Los Angeles, 20,561.40  
 All bids referred to the engineer

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**  
**OAKLAND, Alameda Co., Calif.**—Simonds Machinery Co., 816 Polson St., San Francisco, at \$2,478, submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 190, for furnishing two pumping units for the Purdue Upper Cragmont Pumping Plant.

The pumps shall have a horizontal shaft, centrifugal, each having a capacity of 575 g.p.m. at a head of 410 ft., each direct connected to an induction motor of 440 volts, 3-phase, 60 cycles, mounted on continuous bed plate.

Delivery f.o.b. Corporation Yard, 22nd and Adeline Sts., Oakland.

Complete bids follow:  
 Simonds Machinery Co., 2,478  
 Fairbanks-Morse Co., 2,486  
 Woodin & Little, 2,517  
 DeLaval Steam Turbine Co., 2,538  
 United Iron Works, 2,652  
 The Merrill Co., 2,786  
 Jackson Co., 3,634  
 Worthington Pump Co., 4,103

**CONTRACTS AWARDED**  
**OAKLAND, Calif.**—Contracts for furnishing 3,830 cast iron bell and spigot water pipe fittings, sizes 4- to 12-inch diam, under Spec. No. C.S. 189, were awarded by the East Bay Municipal Utility District, Oakland, as follows:

Grinnell Co. of the Pacific, Fifth and Brannan Sts., San Francisco: Sch. 1, elbows, \$2,720; Sch. 2, tees and crosses, \$4,974.30.  
 American Cast Iron Pipe Co., Shar-

on Bldg., San Francisco: Sch. 3, nipples, sleeves, plugs, etc., \$2,009.15; Sch. 4, reducers, covers, etc., \$3,962.35.

**CONTRACT AWARDED**  
**BOULDER CANYON PROJECT, Nevada.**—Concrete Conduit Co., Ltd., Colton, Calif., at \$8,753.92, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 873-D, for furnishing 18-in., 24-in., and 30-in. inside diam. centrifugally spun reinforced concrete pipe for use in side drains, All-American Canal System, Boulder Canyon Project.

**BIDS OPENED**  
**LOS ANGELES.**—California Corrugated Culvert Co. submitted the original to the U. S. Indian Irrigation Service, Los Angeles, at \$18,25 each, f.o.b. West Berkeley, for furnishing 25 12-in. lateral turnout gates with 10-ft. pipe attached, under Invt. No. 0377. Weight, 4075 lbs.; discount 1/2 of 1% 10 days; delivery, 12 days.

**CONTRACT AWARDED**  
**LOS ANGELES.**—Western Pipe & Steel Co. at \$4,838, awarded contract by the Los Angeles Water & Power Commission, for furnishing structural steel towers under Spec. No. 2217.

**CONTRACT AWARDED**  
**LOS ANGELES.**—General Electric Co. awarded contract by the Los Angeles Water & Power Commission, at \$7,150, for furnishing combined coupling capacitors and potential devices under Spec. No. 2201.

**BIDS OPENED**  
**SAN FRANCISCO.**—Minneapolis-Moline Power & Implement Company Sharon Bldg., San Francisco, at \$38,500 submitted low bid to T. A. Brooks Purchaser of Supplies, City Hall, under Bid No. 1735, for furnishing and delivering structural steel, castings, and accessories for Ferry Slips on Yerba Buena Shoals.

The other bids were:  
 Judson Pacific Co., S. E., \$39,811  
 Moore Drydock Co., Oakland, 40,373  
 Bids held under advisement.

**BIDS OPENED**  
**LOS ANGELES.**—Bids for furnishing oil circuit breakers. Spec. 2208, were opened by D. P. Nicklin, purchasing agent, L. A. Water & Power Bureau. The bids were taken as follows:  
 I. 12 only outdoor type, triple pole, single throw, auto trip free, 125-volt, D.C., solenoid operated, floor mounted oil circuit breakers, without oil, for ground neutral system.  
 ALTERNATE: (1) 8 only same; (2) 4 same with 24-volt, D.C. motor wound spring operating mechanism in lieu of solenoids.  
 II. 3 tank lowering devices.  
 F.o.b. bidder's shipping point and/or 1630 N. Main St., Los Angeles.

The bids were:  
 General Electric Co.—(1) (a) \$7490; (b) \$7490; (1 Alt.) (1) (a) \$7490, (b) \$7490; (2) (a) no bid, (b) no bid; (11) (a) \$168, (b) \$168; (a) \$32, (b) \$32; net.  
 Kelman Elec. & Mfg. Co.—(1) (a) \$6958, (b) \$7490; (1 Alt.) (1) (a) \$7,490, (b) \$7490; (2) (a) no bid, (b) no bid; (11) (a) \$168, (b) \$168; (a) \$30, (b) \$30; net.  
 Allis-Chalmers Mfg. Co.—(1) (a) \$6198, (b) \$6198; (1 Alt.) (1) (a) no bid, (b) no bid; (2) (a) no bid, (b) no bid; (11) (a) \$160, (b) \$160; (a) \$30, (b) \$30; net.

**BIDS OPENED**  
**LOS ANGELES.**—Pacific Iron & Steel Co. submitted the low bid to the Los Angeles county purchasing agent, at \$245 each for furnishing

two 25,000-gal. tanks in place at Kangel Canyon, under Quot. No. 3408. The other bids were:  
 Lacy Mfg. Co.—\$1485 each.  
 Western Pipe & Steel Co.—\$1500 each; sales tax included.  
 E. Earl Glass—\$3360, total.

**CONTRACT AWARDED**  
**LOS ANGELES.**—Pan-Pacific Piling & Constr. Co. at \$3,704.60, awarded contract by the U. S. Engineer Office, for furnishing treated Douglas fir rough railroad ties shipped from Jasper, Eugene, Cottage Groves and Yoncalla on government bill of lading with contract at local point and ties hauled by contractor to 22nd St. and Crescent Ave., San Pedro. Circ. Prop. No. 269

**CONTRACT AWARDED**  
**SAN JOSE, Santa Clara Co., Calif.**—General Electric Supply Corp., 1201 Bryant St., San Francisco, at \$2,063.74, submitted the only bid received and awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for furnishing 238 lighting units, for the Public Library Building, southeast corner of Market and San Fernando Streets.

**BIDS OPENED**  
**OAKLAND.**—Kohler Co., 501 Post St., San Francisco, at \$891, submitted the only bid received by the Oakland City Council for furnishing one gasoline-engine driven generator set, complete, for the Fire Department.

**BIDS OPENED**  
**LOS ANGELES, Calif.**—Bids for furnishing (1) one pair steel doors and (2) three steel windows, f.o.b. 1030 Cedar Ave., Lancaster, were opened by the Los Angeles county purchasing agent March 8, under Quot. No. 3387. The bids were:  
 Truscon Steel Co.: (1) \$62.66, (2) \$16.92; net; Sable Steel Co.: (1) \$62.66, (2) \$16.92; net; Michel & Pfeffer Iron Works, San Francisco: (1) \$50, frames \$24, (2) \$16, net.

**CONTRACTS AWARDED**  
**LOS ANGELES.**—Contracts for electrical supplies were awarded by the Los Angeles Water & Power Commission, as follows:

Current Transformers, Spec. 2200, to General Electric Co. at \$6698.36.  
 Disconnecting switches, Spec. 2199, to Bowie Switch Co. Item (1) at \$16,632. All bids on Item (2) were rejected.

**BIDS OPENED**  
**COLORADO RIVER PROJECT, Texas.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 885-D, for furnishing one liquid-gas storage and gas-filling plant; gas distribution piping system; twenty-one gas-fired, non-gas-fired, jacketed and insulated storage water heaters; twenty-two gas meters; and furnishing and delivering to the storage tank of the liquid-gas plant, liquid gas in steel quantities and at such times as directed by the construction engineer; to serve the residences and buildings in the Government camp at the Marshall Ford Dam, Colorado River Project, Texas.

Frank F. Spiller, Austin, Texas—\$3,979, f.o.b. Austin; delivery in 40 days; net.

American Liquid Gas Corp., Los Angeles—\$6,819.68, f.o.b. Los Angeles; delivery in 30 days; 2% discount.

Parkhill Wade, Inc., Los Angeles—Incomplete bid, no bid, or no bid; net; delivery in 40 days; net; f.o.b. Los Angeles.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and
22.—Dredging Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Fire Alarm Sys.	35.—Tunnels
27.—Fire Equipment	
28.—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

**SOLEDAD**.—Until March 12, 2 p. m., bids will be received by George D. Huestis, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1017, for furnishing and fabricating all structural steel, bolts for field connections, etc., for the Santa Lucia Creek Bridge.

Delivery f.o.b. bidder's shipping point and/or Soledad.

Specifications obtainable from the above office.

### BIDS WANTED

**SAN DIEGO**, Cal.,—Until Apr. 1, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near Solano Beach, San Diego County, consisting of a reinforced concrete bridge and grading approximately 0.1 mile of roadway and applying plant-mixed surfacing.

The work involves:

- (1) 51 M. gals. water;
- (2) 200 c.y. roadway excav.;
- (3) 850 c.y. struct. excav.;
- (4) 1,500 c.y. imported borrow;
- (5) 5 sta. finishing roadway;
- (6) 515 tons mineral aggregate (plant-mix surf.);
- (7) 26 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mix surf.);
- (8) 2 tons liq. asphalt, SC-2 (prime coat);
- (9) 46,000 lbs. bar, reinforcing steel;
- (10) 340 c.y. Class A portland cement concrete (structures);
- (11) 12.5 c.y. Class A portland cement concrete (trailing);
- (12) 104 lf. 18-in. CMP;
- (13) 54 lf. 24-in. CMP;
- (14) 320 lf. laminated timber (guard rail);
- (15) 6 each, culvert markers;
- (16) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

### BIDS WANTED

**EUREKA**, Cal.—Until March 16, 3 P. M., bids will be received by Geo. D. Huestis, Assistant Procurement Officer, Forest Service, Room 1022, Phelan Bldg., San Francisco, under Bid No. 1029, for furnishing and fabricating all structural steel, bolts for field connections, etc., for two 50-ft. continuous beam spans for the Horse Linto Creek Bridge. Delivery fob bidder's shipping pt. and/or Eureka.

Specifications obtainable from the above office.

### BIDS WANTED

**REDDING**, Cal.—Until Mar. 16, 2:30 P. M., bids will be received by Geo. D. Huestis, Assistant Procurement Officer, Forest Service, Room 1022, Phelan Bldg., San Francisco, under Bid No. 1028, for furnishing and fabricating all structural steel, bolts for field connections, etc., for a 50-foot beam span for Willow Creek Bridge.

Delivery fob bidder's shipping pt. and/or Redding.

Specifications obtainable from the above office.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### CONTRACT AWARDED

**SAN DIEGO**, Cal.—Chas. & F. W. Steffen, 2015 Bay Front St., San Diego, at \$16,280 awarded contract to the Public Works Officer, 11th Naval Dist., San Diego, under Spec. No. 8417, for constructing a timber seaplane runway at the Naval Operating Base (Air Station) San Diego.

## 25—MACHINERY AND EQUIPMENT

### BIDS OPENED

**SAN FRANCISCO**, Calif.—Crowley Launch & Tugboat Co., Pier 14, at \$7.50 per hour, total \$1,350, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-37-183, for the lease and operation of one Diesel powered towboat for a period of three months, with an extension privilege for a like period of time, to be used in towing barges between San Francisco and Rio Vista, and for dredge tending, etc., in the Bay Area.

### CONTRACT AWARDED

**BOULDER CITY**, Nevada.—Simplex Valve & Meter Co., Philadelphia, at \$1,410, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 858-D, for furnishing two flowmeters for measuring the flow of water through 115,000-hp hydraulic turbines for installation in the Boulder Power Plant.

### BIDS OPENED

**SAN FRANCISCO**.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1743, for furnishing:

- (1) One south bevel or equal (Series N) 16-in. x 10-ft. lathe for Central Shop No. 2;

- (2) One 12-in., 4-jaw independent chuck;
  - (3) One 9-in., 3-jaw universal chuck with two sets of jaws. Moore Machinery Co.—(1) \$1157; (2) \$65; (3) \$66.
- C. F. Bulotti Machinery Co.—(1) \$1,045; (2) \$76.40; (3) \$78.10.

### BIDS OPENED

**SAN FRANCISCO**.—C. F. Bulotti Machinery Co., 829 Folsom St., San Francisco, at \$237 submitted low bid to G. D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1000, for furnishing one 60-ton capacity hydraulic press.

Complete bids follow:

C. F. Bulotti Mch. Co., S. F.	\$237.00
Miller and Stern Supply Co., Oakland	240.00
Herbert-Moore Mach. Co. San Francisco	240.00
Baker, Hamilton & Pacific Co., San Francisco	248.40
Chanslor & Lyon Stores, Inc., Chanslor San Francisco	252.00
C. W. Marwedel, S. F.	252.00
Colyear Motor Sales Co., Oakland	264.00
American Chain Co., S. F.	275.50

All bids for Oakland.

### BIDS OPENED

**SAN FRANCISCO**.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3476, for the rental of one 12-ton truck with stake side truck, for use on WPA projects, f.o.b. 47 N. Grant St., Stockton, for use on rebuilding 11 miles of levees along San Joaquin and Stanislaus Rivers.

Evans Auto & Truck Rental, San Francisco, \$0.38 per hour.  
Lerer Bros., San Francisco—\$0.495; discount, 2% 20 days.

Eaton & Smith, San Francisco—\$0.50.

E. Grable, Stockton—\$0.60.  
W. R. Miller, Manteca—\$0.625.  
Portola Truck Service, San Francisco—\$0.83.

Allen Wilson—\$0.88.  
Claude Wood, Stockton—\$1.00.  
Hairy F. Northcott, Stockton—\$1.25.

Bert Dahman, Stockton—\$1.50.

### BIDS OPENED

**BOULDER CITY**, Nevada.—Bids for furnishing oil circuit breakers, disconnect switches, lightning arresters, etc., for the Boulder Power Plant, under Spec. No. 720, were opened by the Bureau of Reclamation, Denver.

Complete bids were taken as follows:

- (1) Two 230-kv. oil circuit breakers;
  - (2) Six 230-kv. disconnect switches; and
  - (3) One 230-kv. lightning arrester.
- Complete bids follow:  
Westinghouse Elec. & Mfg. Co., Denver—(1) \$100,290; (2) \$40,628.60; (3) \$9,090.  
General Electric Co., Schenectady—(1) \$108,270; (2) \$40,711; (3) \$9,570.  
Pacific Electric Mfg. Co., San Francisco—(1) \$103,700; (2) \$40,414; (3) no bid.

Railway & Industrial Engineering Co., Greensburg, Pa.—(1) no bid; (2) \$40,414; (3) no bid.

Bowle Switch Co., San Francisco—(1) no bid; (2) \$40,414; (3) no bid.

Delta Star Electric Co., Chicago—(1) no bid; (2) \$41,398; (3) no bid.

All bidders specified delivery f.o.b. Boulder City, Nevada, within 200 days, terms net, except Delta Star Electric Co., which specified delivery in 240 days.

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

## BIDS OPENED

**FORT MASON.**—Following bids received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-70, for the rental of (1) one gasoline tractor, 50-60 hp., with bulldozer; and (2) one gasoline power shovel, 3/4-c.y. capacity, f.o.b. Fort Baker:

Guerin Bros., San Francisco—(1) \$5.50 per hour; (2) \$6.50 per hour.

Rock & Gravel Trucking Co., Oakland—(1) \$5.45; (2) \$5.45.

Albert Pollack, San Francisco—(1) no bid; (2) \$6.80.

R. A. Farish, San Francisco—(1) \$5.25 for 50 hp.; \$6 for 60 hp.; (2) \$5.95, 3/4-c.y. capacity.

Eaton & Smith, San Francisco—(1) \$5.50; (2) \$7.25.

Johnson & Nelson—(1) \$6; (2) \$8. U. S. Machinery Co., San Francisco—(1) no bid; (2) \$5.50.

Robinson & Rulofson—(1) no bid; (2) \$5.50.

Shamaco Co.—(1) no bid; (2) \$6. Spears Wells Machinery Co., Oakland—(1) no bid; (2) \$7.87.

A. Soda & Son, Oakland—(1) \$5; (2) \$7.80.

Chas. L. Harney, San Francisco—(1) \$5.75; (2) no bid.

Peter J. McHugh, San Francisco—(1) \$5.45; (2) no bid.

H. F. Harlan, San Francisco—(1) \$4.68; (2) no bid.

## BIDS OPENED

**BOULDER CITY, Nev.**—Identical bids at \$5,569 for one carbon-dioxide fire-extinguishing system, and at \$2,700 for forty spare cylinders of carbon-dioxide, were received by the Bureau of Reclamation, Denver, under Spec. No. 881-D, for furnishing the above for installation in the Boulder Power Plant, Boulder Canyon Project.

The bidders were:

The C.O.-Two Fire Equipment Co., Newark; Walter Kiddle & Co., Inc., New York City; National Foam System, Inc., Philadelphia; Frye-Freeze, Inc., Bloomfield, N. J.; The Fry-Pyter Co., Dayton, Ohio; and the American La France & Foamite Ind., Inc., Elmira, N. Y.

All bidders specify delivery in 200 days; terms net; f.o.b. point of erection, except the American La France & Foamite Ind., Inc., who specify delivery f.o.b. Boulder City, Nev.

All bidders refuse to allow shipment on Government bill of lading.

## LOW BIDDER

**BONNEVILLE, Oregon.**—Roller-Smith Co., Bethlehem, Pa., at \$19,657 f.o.b. factory, and \$20,453 f.o.b. Bonneville, submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut.-Col. Chas. F. Williams, District Engineer, under Bid No. 694-37-263, for furnishing one 480-volt, 3-phase, metal-enclosed, power distribution switchboard, complete with circuit breaker, buses, bus extensions, wire raceway, wiring, and accessories, for the powerhouse station service system at Bonneville.

## 26—RAILROADS

## BIDS WANTED

**ALAMEDA CO., Calif.**—Until Mar. 31, 2 p.m., bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, Room 811, 500 Sansome St., San Francisco, for the construction of the East Bay Yard superstructure, of the railway facilities of the San Francisco-Oakland Bay Bridge in Alameda County.

The work involves:  
**EAST BAY YARD & SOUTHERN PACIFIC CROSSING**

(1) 1,310,000 lbs. struc. steel in the Southern Pacific Overhead and 26th Street crossings;

(2) 1,400,000 lbs. struc. steel in catenary bridges;

(3) 800 c.y. concrete;

(4) 160,000 lbs. reinf. steel;

(5) 30,000 lbs. cast steel shoes;

(6) 12,000 lbs. pipe railing;

(7) 8 MFBM timber;

(8) 440 tons painting (26th Street crossing);

(9) 230 tons painting (Southern Pacific overhead);

(10) 700 tons painting (catenary bridges);

(11) 100 bbls. extra portland cement;

**PORTR OF OAKLAND OVERHEAD**

(12) 1,700,000 lbs. struc. steel;

(13) 2,100 c.y. concrete;

(14) 160,000 lbs. reinf. steel;

(15) 175,000 lb. reinf. trusses;

(16) 220,000 lbs. pipe railing;

(17) 850 tons painting;

(18) 200 bbls. extra portland cement.

**NOTE:** The engineer reserves the right to eliminate entirely from this contract the superstructure of the Port of Oakland overhead crossing, covered by Items 12 to 18, inclusive. Should the engineer act under such right, the contractor shall make no claim whatsoever for the elimination of this part of the work and shall claim no compensation under Items 12 to 18.

Plans and specifications obtainable from the above office upon deposit of \$50, of which amount \$40 will be returned.

## FORECLOSURE SALE

**SONORA, Tuolumne Co., Calif.**—Foreclosure sale of Sierra Railway property in Tuolumne and Calaveras counties will be held May 23, 2 p.m., at the Tuolumne county courthouse, according to notices posted this week. Property listed includes 57 miles of main line tracks from Oakdale to Tuolumne City; 2.7 miles branch main line tracks in Stanislaus county; 4900 feet of Melones Dam spur track in Tuolumne county; rail and electric equipment, buildings, rights of way, etc. Property listed reportedly has "junk value" of \$200,000 to \$300,000.

## 27—FIRE ALARM SYSTEM

## Contract Awarded

**CENTRAL FIRE ALARM STATION**  
Contract Price, \$23,500

**SACRAMENTO, Sacramento County, Calif.** Block bounded by 27th, 28th, P and Q Streets.

One-story reinforced concrete and steel building to house central fire and police alarm system (control room, dormitory, repair shop, public laboratories, etc.); 40 x 40 composition roofing, 8x8-in. glass block decorations, interior walls of metal lath and plaster with a tile and a decorative concrete base; linoleum floors, etc.

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
Contractor—Holdener Construction Co., 2608 R Street, Sacramento.

## 29—STREETS AND HIGHWAYS

## CONTRACT AWARDED

**ELKO COUNTY, Nev.**—Utah Construction Co., Ogden, Utah, at \$176,245 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Herod Memorial Bldg., Carson City, for the construction of a portion of the highway system in Elko County from a point 1.6 miles east of Vivian Station L-14 plus 87 to Elko Station 12 1/3 plus 69.52, Route 1, Section A1, a length of approximately 16.98 miles. Second low bidder was Morrison-

Knudsen Co. Inc., Boise, Idaho, at \$197,040.

## BIDS WANTED

**ARCADIA, Los Angeles Co., Calif.**—Until March 16, 8 p.m., bids will be received by the Arcadia city council for improving Second Ave., north of Colorado Street, about 1000 ft. in length. Plans and specifications are being prepared by G. B. Watson, city engineer, and copies will be ready for contractors about March 12. Certified check or bidder's bond for 10% must accompany each proposal.

The work involves:

(1) 16,000 sq. ft. 2-in. oil macadam or pre-mix pavement.

## BIDS WANTED

**BURNT RIVER PROJECT, Ore.**—Until April 1, 10 a.m., bids will be received by the Bureau of Reclamation, Unty, Oregon, Clyde H. Spencer, Construction Engineer, under Spec. No. 890-D, for the construction of a relocated state highway at the Unty reservoir, Burnt River Project.

The work is located about 49 miles southwest of Baker, and the principal items of work involved are:

(1) 62,000 cu. excav. for road;

(2) 6,000 cu. excav. for river channel;

(3) 250 cu. excav. for struts;

(4) 60,000 sta. cu. overhaul;

(5) 100 c.y. backfill;

(6) 350 cu. riprap;

(7) 165 cu. concrete;

(8) Placing 25,000 lbs. reinforcement bars and wire;

(9) Laying 600 lf. 18-in. to 54-in. diam. CMP;

(10) Erecting 12 MFBM of timber in bridge;

(11) Erecting 45,000 lbs. of metalwork in bridge;

(12) Placing 4,450 cu. of highway surfacing;

(13) Dismantling and salvaging existing highway bridge.

Work shall be commenced within 30 calendar days and completed within 125 calendar days from the date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Unty, Oregon, or Denver, Colorado, without charge to prospective bidders; to others, \$1 per copy, not returnable.

## BIDS OPENED

**FRESNO and Tulare Cos., Calif.**—Ralph A. Bell, Sherlock Bldg., Portland, Oregon, at \$368,191.20 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, San Francisco, for grading 3.98 miles of Section A of the Fresno - General Grant Approach Road, Sequoia National Forest, Fresno and Tulare Counties.

The work involves:

(1) Extra work, clearing;

(2) 304,000 cu. unclass. excav.;

(3) 2,300 cu. do. for structures;

(4) 11,700 cu. do. for borrow;

(5) 285,000 sta. vds. overhaul;

(6) 7,000 cu. m. borrow haul;

(7) 3,981 miles finishing earth graded road;

(8) 3,000 M gals. watering;

(9) 15 cu. concrete;

(10) 650 lbs. reinforcing steel;

(11) 11 cu. cast steel gates;

(12) 75 cu. masonry;

(13) 230 cu. 8-in. perf. CMP;

(14) 328 lf. 8-in. asphalt dipped CMP

(15) 12 lf. 12-in. asphalt dipped CMP

(16) 918 lf. 18-in. do.

(17) 2,696 lf. 24-in. do.

(18) 302 lf. 30-in. do.

(19) 66 lf. 42-in. do.

(20) 54 lf. 54-in. 12-gauge CMP;

(21) 154 lf. 34-in. 8-gauge CMP;

(22) One 21-in. CMP (elbow);

(23) 8 spillway inlets, Type A;

(24) 1 spillway inlet, Type B;

(25) 45 cu. crushed rock or gravel for backfill;

- (26) 50 sq. yds. mortar backfill seal;  
 (27) 763 c.y. hand-laid rock embankment;  
 (28) Erosion control at culvert outlet, to be paid for as earned in accordance with the "extra and force account work" clause  
 (29) Separation of parking areas, do;  
 (30) Obliterating existing roads, do;  
 (31) Development of signs, do;  
 (32) Protecting pipe line, do.

Total bids follow:

- (A) Ralph A. Bell, Portland, \$366,191.20  
 (B) D. W. Thurston, Los Angeles, \$398,600.23

Unit bids follow:

	(A)	(B)
(1)	\$500.00	\$500.00
(2)	1.03	1.15
(3)	2.00	1.50
(4)	.60	.28
(5)	.02	.02
(6)	.20	.35
(7)	600.00	275.00
(8)	3.00	2.75
(9)	40.00	36.00
(10)	1.0	1.0
(11)	45.00	50.00
(12)	30.00	20.00
(13)	1.20	1.25
(14)	1.25	1.25
(15)	1.50	1.65
(16)	2.10	2.35
(17)	2.85	3.75
(18)	3.60	4.35
(19)	6.75	8.70
(20)	3.65	22.00
(21)	10.50	18.50
(22)	20.00	25.00
(23)	20.00	20.00
(24)	21.50	35.00
(25)	8.00	30.75
(26)	1.00	1.15
(27)	4.50	4.00
(28)	500.00	500.00
(29)	150.00	150.00
(30)	500.00	500.00
(31)	150.00	150.00
(32)	50.00	50.00

#### BOND ELECTION

MARYSVILLE, Yuba Co., Calif.—A special election will be held in Marysville, March 30, to vote on a proposal to issue bonds in the amount of \$50,000 to finance the paving of street intersections, constructing curbs and gutters, constructing sewers, manholes, construction of park sprinkling system, fire alarm system, and water system, etc.

#### CONTRACT AWARDED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., at \$143.85 awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, for the improvement of the alley between "U" and "V" streets, from 5th to 6th Sts.

#### BID OPENING POSTPONED

ELKO CO., Nevada.—The Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, has announced the postponement of a call for bids which were to have been opened March 16, 2 p.m., for grading 3.48 miles of Section A of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko Co., Nevada.

The receiving of bids has been postponed to permit combining the grading of Section A with the grading of an adjacent section, now authorized for construction. The two sections will be advertised as soon as weather and other conditions will permit inspection of the new section.

#### CONTRACT AWARDED

ESMERALDA CO., Nev.—Nevada Rock & Sand Co., Inc., Reno, at \$81,833.32 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial

Bldg., Carson City, for the construction of a portion of the highway system in Esmeralda County, Route 17, Section B, between a point approximately 10 miles south of Blair Junction and Silver Peak, a length of approximately 10.68 miles.  
 Second low bidder was Geo. Pollock Co., Sacramento, at \$83,751.92.

#### BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until March 8, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, for paving the city frontage of the public park known as the Rose Garden, on the west side of Dana Ave. Specifications obtainable from the above office.

#### BIDS OPENED

SACRAMENTO.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$143.85, submitted low bid to the Sacramento City Council for paving the alley between 5th and 6th Streets, from U to V Streets.

The work involves:

- (1) Cast-iron gutter drain;
- (2) Concrete manhole;
- (3) Excavation, per c.y.;
- (4) Grading fill, per c.y.;
- (5) 6-in. vitrified sewer pipe, per lf.;
- (6)  $\frac{3}{4}$ -in. x 5-in. x 20-ft. expansion joint corners, in place;
- (7) 5-in. concrete pavement corner, in place, per c.y.

Unit bids follow:

(A) A. Teichert & Son, Inc., Sacramento	\$143.85
(B) E. F. Hilliard, Sacramento	1,475.00
(C) Carl R. Fiedler, Sacramento	1,500.70

Unit bids follow:

	(A)	(B)	(C)
(1)	\$22.50	\$17.00	\$20.00
(2)	7.50	5.00	\$4.00
(3)	1.25	1.00	1.00
(4)	1.25	1.00	1.00
(5)	1.10	1.25	1.20
(6)	2.25	2.00	2.50
(7)	11.90	12.90	13.00

#### NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised, bids to be opened in Los Angeles, March 25. A blue line print of the title sheet of the Plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

VII — L.A.-9-L.A.-Bridges—Bridges across Big Tujunga Wash: PLANS (No. of Sheets), 21; cost, \$2.10; CROSS-SECTIONS (No. of Sheets), none; cost, none; total, \$2.10.

VIII — L.A.-9-L.A. (Road)—Bet. Fenwick Street and Terra Bella St. in City of L. A.: PLANS (No. of Sheets), 25; cost, \$2.50; CROSS-SECTIONS (No. of Sheets), 49; cost, \$1.90; total, \$7.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

#### BIDS OPENED

SAN FRANCISCO.—J. Philip Murphy, 3901 Mission St., at \$17.85 per ton submitted low bid to the Department of Public Works, City Hall, for erecting structural steel in connection with the north and south approaches to Hall's St. and Crissy Field Rd. in the Presidio, approaches to the Golden Gate Bridge.

The other bids were:  
 Soule Steel Co., S. F. .... \$18.50

Gunn, Carle & Co., S. F. .... 20.00  
 Ben C. Gerwick, Inc., S. F. .... 21.20

March 10, 1937

#### NO BIDS RECEIVED

FRESNO and Tulare Counties, Cal.—No bids were received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for placing a bituminous treated crushed rock base course on Route 1, the General Highway, General Grant National Park and on Sections B (portion) and C, General Grant-Sequoia Park Approach Road, Sequoia National Forest, Tulare and Fresno Counties, a length of 6.13 miles.

The principal items of work involved are:

- (1) 4,500 c.y. unclass. excav.;
- (2) 330 c.y. do for structures;
- (3) 1,000 c.y. ml. haulage unclassified excavation;
- (4) 5,600 c.y. of embankment reinforcement;
- (5) 13,000 c.y. ml. hauling do;
- (6) 6.13 ml. fine grading subgrade highway shoulders;
- (7) 800 M. gals. watering;
- (8) 14,000 tons of crushed rock for bottom layer of base course;
- (9) 11,200 tons crushed rock for top layer of base course base;
- (10) 100 tons supplemental crushed rock;
- (11) 850 tons screenings;
- (12) 696 tons liquid asphaltic material, Types MC-1, 95 plus, RC-3 and 4;
- (13) 654 lf. 8-in. perforated CMP;
- (14) 392 lf. placing Government furnished 8-in. perforated CMP;
- (15) 220 c.y. crushed rock or gravel for backfill;
- (16) 250 sq. yds. mortar backfill seal.

#### LOW BIDS

SAN DIEGO CO., Calif.—David H. Ryan, 1615 Fern St., San Diego, at \$11,880.35, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about eight miles grading, paving with portland cement concrete, and placing plant-mixed surfacing on crushed run base, in San Diego County between Las Flores underpass and one mile south of San Onofre.

The three low bids follow:  
 David H. Ryan, San Diego, \$11,880.35  
 Griffith & Co., Los Angeles, \$29,164.75  
 Metropolitan Constr. Co.  
 (Jahn & Bressi and Wood & Bevanda) ..... 429,642.70

#### BIDS WANTED

MONROVIA, Los Angeles Co., Cal.—Until April 5, 8 P. M., bids will be received by the Monrovia city council for the improvement of Magnolia Ave. from Olive Ave. south to Duarte Road, a cash contract under State and town funds. Plans were prepared by Garth Duell, City Engineer. Paving will extend from Olive Ave. to Huntington Drive, but the drainage structures will be located at various points along the entire length of the improvement.

Plans for the project will be ready for contractors about March 17.

Approximately quantities are:

62,700 sq. ft. 4-in. oil macadam paving;  
 2,760 lf. Class A concrete curb;  
 3,600 sq. ft. 5-in. cement concrete gutter;

2,490 sq. ft. 8-in. cement concrete cross gutter;  
 1,570 sq. ft. 3 $\frac{1}{2}$ -in. sidewalk, 5-ft. wide;

Miscellaneous drainage structures involving reinforced concrete construction with some corrugated metal pipe.

#### BIDS WANTED

ELKO CO., Nevada.—Until March 16, 2 P. M., bids previously reported, will be received by the Bureau



of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading 3.480 miles of Section A of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, Nev.

The principal items of work involved are:

- (1) 11,000 c.y. uncl. exc. & av.;
- (2) 2,700 c.y. do for borrow;
- (3) 1,850 c.y. do for structures;
- (4) 302,500 sta. yds. overhaul;
- (5) 465 c.y. foundation fill;
- (6) 21 c.y. concrete;
- (7) One spillway inlet;
- (8) 580 lbs. reinf. steel;
- (9) 1,292 lf. CMP (8- to 42-in.) in place;
- (10) 200 lf. corrugated galv. multi-plate metal pipe, 105-in. and 120-in. in place;
- (11) 340 c.y. hand laid riprap;
- (12) 100 c.y. hand laid rock embankment;
- (13) 28 ea., right-of-way monuments.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

#### BIDS WANTED

LOS ANGELES.—Until March 17, 10 a.m., bids will be received by the Los Angeles board of public works, 153 City Hall, for grading, paving, and otherwise improving Crenshaw Blvd. (west roadway), between Westmount Ave. and 700 ft. S of Westmount Ave., a Cash Contract. The work involves:

- (1) lump sum, grading (401 c.y. exc. & av.; 245 c.y. fill); including removal of existing improvements and trees, but not including excavation for the retaining wall);
- (2) 537 sq. ft. concrete pavement, 6 in. thick;
- (3) 53 sq. ft. concrete pavement, 8 in. thick (local depressions);
- (4) 17,764 sq. ft. rock and oil roadway, 18 in. thick;
- (5) 48 lf. unplastered light class curb;
- (6) 640 lf. special curb;
- (7) 1856 sq. ft. one course sidewalk, 3 in. thick;
- (8) 113 sq. ft. one course sidewalk, 4 in. thick (driveways);
- (9) 1259 sq. ft. concrete gutter, 6 in. thick;
- (10) 1 each, catch basin and connecting drain, complete in place;
- (11) 2 manholes to be reset;
- (12) lump sum, retaining wall and all necessary appurtenances and appurtenant work, complete in place (including all necessary excavation, backfill and haul-away and 3-in. galv. pipe weepers, but not including ornamental iron guard rail;

#### AWARD RECOMMENDED

LONG BEACH, Calif.—J. W. B. Blackman, City Engineer-Director of Public Service, has recommended to the City Manager, A. M. Dorton, that he contract for the improvement of unabeim St. between Daisy and Orange Aves., Spec. R-890, be awarded to Sully-Miller Contr. Co., 1500 W. St., Long Beach, at \$47,414.90. This total differs from the total originally published on account of revision of quantities following chemist's analysis of dry mix material, increasing items of asphalt concrete.

#### BIDS WANTED

SAN DIEGO CO., Calif.—Until Mar. 1, 3:30 p.m., bids will be received by the State Division of Highways, E. J. Wallace, District Engineer, 1385 Harbor Blvd., San Diego, for applying Diesel oil to roadside vegetation at a distance of 88.5 miles in San Diego County at various locations. The work requires 565 hbs. Diesel oil.

Plans and specifications obtainable from the above office.

#### BIDS WANTED

LOS ANGELES CO., Calif.—Until March 23, 2 p.m., bids will be received by the Los Angeles county supervisors, 501 Hall of Records, Los Angeles, for constructing yielding highway barriers across Florence Avenue at its intersection with the Long Beach branch of the Pacific Electric Railway, Cash Contract No. 498. Plans and specifications may be seen at the office of the supervisors, 501 Hall of Records, and copies may be obtained at the office of George W. Jones, county road commissioner, Mame B. Beatty, clerk of the board.

#### BIDS OPENED

LOS ANGELES, Calif.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$17,939.53 submitted low bid to the Los Angeles board of public works, City Hall, for grading, paving and otherwise improving Washington Blvd., between Harriet St. and Santa Fe Ave., a cash contract.

The total bids were:

- (A) Southern California Roads Co., \$17,939.53.
- (B) Los Angeles Paving Co., \$18,772.22.
- (C) Griffith Co., \$19,078.24.
- (D) Tomel Const. Co., \$19,780.60.
- (E) W. H. McCune, \$23,044.76.
- (F) Engineer's estimate, \$18,939.55.

#### BIDS WANTED

SIERRA CO., Calif.—Until March 31, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.9 miles grading, surfacing with selected material, and applying penetration oil treatment in Sierra County, between Goodyears' Bar and Downieville.

The work involves:

- (1) 206 sta. clear and grub right of way;
- (2) 1,850 M. gals. water;
- (3) 135,000 c.y. roadway exc. & av., unclassified;
- (4) 2,900 c.y. struc. exc. & av.;
- (5) 600 c.y. ditch and channel exc. & av.;
- (6) 803,000 sta. yds. overhaul;
- (7) 206 sta. finishing roadway;
- (8) 95 tons liq. asphalt, SC-2;
- (9) 275 c.y. sand (penetration oil treatment);
- (10) 600 lbs. bar reinf. steel;
- (11) 102 c.y. Class A portland cement concrete (struc.);
- (12) 195 c.y. rubble masonry;
- (13) 382 lf. masonry parapet;
- (14) 1,320 lf. 18-in. CMP;
- (15) 156 lf. 24-in. CMP;
- (16) 338 lf. 30-in. CMP;
- (17) 68 lf. 36-in. CMP;
- (18) 144 lf. 48-in. CMP;
- (19) 420 lf. 8-in. perf. metal pipe;
- (20) 110 c.y. rock filling material;
- (21) 300 lf. 90-in. multi-plate CMP;
- (22) 250 lf. exist. CMP, removed, cleaned, and relaid;
- (23) 500 lf. exist. CMP, removed, cleaned, and salvaged;
- (24) 100 lf. laminated guard railing;
- (25) 134 each, culvert markers;
- (26) 250 each, guide posts;
- (27) 118 lf. guard railing, moved and reset;
- (28) 235 each, monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

#### CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raich, 355 Lincoln Ave., San Jose, at \$615 per sq. ft., submitted the only bid received and awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for paving the city frontage of the pub-

lic park known as the Rose Garden, on the west side of Dana Ave.

The pavement is to be 1½-in. asphaltic concrete, including 2½-in. asphaltic concrete foundation.

### 30—RESERVOIRS & DAMS

#### BIDS WANTED

SEATTLE, Wash.—Until March 25, 10 a.m., bids will be received by the Seattle Board of Public Works, G. W. Roberts, Secretary, 511 County-City Bldg., Seattle, for clearing a portion of the Ruby Basin at dam site.

Bids originally received for this work were rejected and plans revised to include a larger project.

Plans and specifications obtainable from the City Light Engineering Division, 216 City Light Bldg., upon deposit of \$10.

J. D. Ross, City Lighting Superintendent.

Details of the project will be announced shortly.

### 31—PIPE LINES & WELLS

#### BIDS WANTED

MARICOPA CO., Ariz.—Until Mar. 12, 2 p.m., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for drilling casing, perforating, sand-pumping and testing one standard water supply well on Ak Chln Indian Reservation, 2½ miles southwest of Town of Maricopa, in Maricopa County, Arizona. Bids will be received on two proposals:

- (A) Contractor to furnish labor, material and equipment;
- (B) Government to furnish casing, starter and shoe.

Invit. No. 0382.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BIDS WANTED

LOS ANGELES, Cal.—Until March 18, 2 P. M., bids will be received by the Los Angeles board of education for sewer connections at the Canoga Park high school.

#### NEW BIDS WANTED

WASCO, Kern Co., Calif.—Until March 22, 10 a.m. (to be opened at 10:20 a.m.) new bids will be received by the Wasco Public Utility District, Wasco, W. D. Cukely, Clerk, for construction of disposal plant and intake and discharge lines, Unit No. 2.

The work involves:

- SCHEDULE A
  - (1) One pumping plant and wet well, pump house, pump pit, water tank and all mechanical equipment complete;
  - (2) One clarifier complete, incl. all mechanical equipment;
  - (3) One primary digester, incl. all mechanical equipment;
  - (4) One secondary digester, incl. all mechanical equipment;
  - (5) Four sludge beds complete, ea.:
  - (6) Piping, valves, fittings, and all mechanical apparatus for gas lines, overhead pump lines, sludge lines, super-natant lines, scum lines, influent and effluent lines, and water lines outside of structures at disposal plant;
  - (7) Project sign and office facilities
- SCHEDULE B
  - (8) 3615 ft. 10-in. concrete irrigation pipe for effluent lines;
  - (9) 42 ft. 30-in. concrete pipe for sandpumps;
  - (10) 50 8-in. alfalfa valves on effluent lines;
  - (11) 19 10-in. gate valves in stand-

- (12) One 12-in. water well complete, 300 ft. deep;
- (13) One turbine deep well pump, direct connected to 15-hp. motor, installed complete;
- (14) 3960 ft. fence (barbed wire) around plant;
- (15) leveling and checking (about 37 acres), per acre;
- (16) project signs.

NOTE: Contractor may bid on Schedule A only, or on Schedule B only, or on both A and B. Contract may be awarded on the lowest bid of either A or B separately, or it may be awarded on the lowest aggregate bid for both schedules.

The district reserves the right to increase or decrease any quantities under unit prices bid or eliminate any item in Schedule B to bring the contract within this budget.

Time for completion is 90 calendar days from receipt of notice to proceed.

Plans and specifications obtainable at the office of the engineers, Koebig & Koebig, Room 820, 558 S. Spring St., Los Angeles, upon deposit of \$25. Certified or cashier's check for 5% must accompany each proposal.

Fred J. Early, Jr., 369 Pine St., San Francisco, at \$35,270.25, submitted lowest bid for the work on March 1.

The work is being done under a PWA grant of \$61,363 and a sponsor's contribution. The contract for the collection system, previously awarded to W. J. Tobin, Oakland, amounted to \$102,666.72.

**CONSTRUCTION WANTED**

COMPTON, Los Angeles Co., Calif.—Work started March 8 on the construction of a unit of the Glenn Avenue storm drain. The total cost is estimated by County Surveyor Alfred Jones at \$1,467,946, of which \$1,424,286 will be furnished by the federal government. The first unit will be

between Compton Creek and Compton Blvd. and will involve the laying of 25,000 lin. ft. of reinforced concrete pipe, construction of 146 catch basins, 44 manholes and 4 junction chambers. The cost of replacing the pavement will be \$33,952, of which Compton will pay \$15,691.

**33— WATER WORKS**

**TO AWARD CONTRACT**

LA MESA, San Diego Co., Cal.—C. Harritt, general manager and chief engineer, La Mesa, Lemon Grove and Spring Valley Irrigation District, has announced that award of contract for the reconstruction of the El Monte pumping plant will be made next week. Recommendation has been made that the contract be awarded to J. R. Lippincott, Los Angeles, low bidder at \$53,090. Complete bids published Mar. 1.

**FRIANT—OFFICE BUILDING, DORMITORIES & RESIDENCES—GOVERNMENT**

OFFICE, ETC. Cost, \$.....  
 FRIANT, Fresno Co., Calif. 22 miles north of Fresno. Government Camp at Friant Dam, Central Valley Water Project.

Office building, two dormitories, 3 6-room residences, five 5-room residences, ten 4-room residences and ten 2-room residences. All buildings will be of wood frame construction. The office building will be 34x68½-ft. with an open porch about 7-ft. wide at the front and both ends. Dormitories will be two-story buildings, each 43½-ft. by 58-ft., including the screened porch 8-ft. in width on the sides of the building. Outside walls of buildings and residences will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt prepared shingles over roof boarding. Inside walls and ceilings, except in the toilet and shower rooms of the office buildings and dormitories will be covered with gypsum wallboard, and interior walls and ceilings in residences will be covered with building board. All floors will be 1¼-in. fir flooring, and, except in the office

building will be single floors. A concrete basement will be constructed under one corner of the office building. The other buildings and residences will have no basements. Spec. No. 707.

Owner—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).  
 Low Bidder—W. J. Ochs, Helm Bldg., Fresno, \$94,670.

The work involves:

**SCHEDULE 1—Office Building**

- (1) 420 c.y. common excav.;
- (2) 10 c.y. rock excav.;
- (3) 40 c.y. concrete in foundations;
- (4) 20 c.y. concrete in floors;
- (5) Lump sum, constructing one temporary office bldg., Type I.

**SCHEDULE 2—Two dormitories**

- (6) 1,800 c.y. common excav.;
- (7) 50 c.y. rock excav.;
- (8) 190 c.y. concrete in foundations;
- (9) 80 c.y. concrete in floors;
- (10) Lump sum, constructing two temporary dormitories;

**SCHEDULE 3—Three 6-room, five 5-room, ten 4-room, and ten 2-room residences:**

- (11) 700 c.y. common excav.;

- (12) 10 c.y. rock excav.;
- (13) 28 c.y. concrete in foundations;
- (14) Constructing three 6-room residences, Type 1;
- (15) Constructing five 5-room residences, Type 4;
- (16) Constructing ten 4-room residences, Type 4;
- (17) Constructing ten 2-room residences, Type 2.

Complete grand total bids follow:

- (A) W. J. Ochs, Fresno, \$94,670.00.
- (B) Trewhitt-Shields & Fisher, Fresno, \$98,630.00.
- (C) Guy E. Hall, Los Angeles, \$98,357.00.
- (D) B. A. Howkins, San Francisco, \$104,502.00.
- (E) McDonald Const. Co., St. Louis, \$104,867.00.
- (F) N. A. Anderson, Los Angeles, \$105,247.00.
- (G) J. C. Meyers, Stockton, \$106,412.00\*.
- (H) Lawson Const. Co., Los Angeles, \$108,601.56\*\*.
- (I) Brunzell & Jacobson, Los Angeles \$123,665.00.
- (J) E. A. Tornell, Tracy, \$142,761\*\*\*.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)*	(H)**	(I)
(1)	50	50	100	100	65	40	50	\$	100
(2)	15.00	14.00	3.00	5.00	10.00	1.00	10.00	.....	2.00
(3)	15.00	12.00	20.00	20.00	9.50	5.00	7.00	.....	2.00
(4)	11.00	12.00	28.00	20.00	12.00	5.00	9.00	.....	22.00
(5)	7,802.00	6,800.00	6,329.00	6,700.00	7,686.00	8,301.00	8,647.00	.....	9,042.00
Sub-total	8,462.00	7,912.00	8,139.00	8,370.00	8,679.00	8,779.00	9,417.00	\$	12,272.56
(6)	50	50	100	100	65	40	50	.....	100
(7)	15.00	9.00	3.00	5.00	10.00	1.00	10.00	.....	2.00
(8)	15.00	20.00	20.00	27.00	9.50	5.00	7.00	.....	22.00
(9)	11.00	12.00	24.00	17.00	12.00	5.00	8.00	.....	22.00
(10)	31,767.00	32,512.00	30,012.00	32,000.00	34,494.00	44,780.00	37,174.00	.....	41,821.00
Sub-total	35,797.00	36,622.00	35,882.00	38,110.00	38,074.00	46,450.00	39,914.00	\$	51,944.00
(11)	50	50	100	100	65	40	50	.....	100
(12)	15.00	14.00	19.00	5.00	10.00	1.00	10.00	.....	2.00
(13)	15.00	12.00	22.00	24.00	10.00	5.00	7.00	.....	30.00
(14)	.....	Items 14,	8,350.00	7,099.00	8,300.00	8,565.00	8,655.00	.....	8,735.00
(15)	.....	15, 16, 17,	12,200.00	11,016.00	12,200.00	12,620.00	11,900.00	.....	13,794.00
(16)	.....	combined	18,750.00	19,755.00	20,500.00	19,464.00	20,140.00	.....	21,867.00
(17)	.....		49,491.00	13,900.00	16,050.00	15,600.00	16,630.00	.....	12,860.00
Sub-total	50,411.00	54,096.00	59,235.00	59,235.00	59,235.00	59,114.00	50,018.00	.....	57,051.00
								.....	44,385.00
								.....	65,182.00

\*Bid modified by telegraphic deductions as follows: deduct \$469 from Item 5, and \$1,340 from Item 10. All figures shown in tabulation are those after deductions have been made.

\*\*No unit prices submitted with bid, and no bid bond accompanying bid.

\*\*\*No unit prices or schedule totals submitted; grand totals only.

Following stipulations made by bidders:

Trewhitt-Shields & Fisher: All three schedules must be accepted or none.

McDonald Const. Co.: All or none.

J. C. Meyers: All or none.

Guy E. Hall: Will not accept Schedule 1 without Schedule 2 or Schedule 3.

The bids of Guy E. Hall, B. A. Howkins, and E. A. Tornell were received after the opening but were mailed in time to have reached Sacramento prior to the opening of bids, so will be legally qualified.

Work shall be commenced within 15 calendar days and completed within 180 calendar days after date of receipt of notice to proceed.

(1489) 1st report February 9; 2nd, February 24, 1937.

**BIDS WANTED**

**SAN FRANCISCO.**—Until March 24, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 129, for relaying of city pumps discharge main at Ocean View Gulch, San Francisco.

The work includes the relaying of approximately 375 ft. of 23-in. steel pipe and the laying of 155 lf. of 24-in. steel pipe at Ocean View Gulch.

The work involves:

- (1) 530 lf. excav. and backfill for trench, for 23-in. and 24-in. diam. pipe;
- (2) 25 c.y. additional excav. and backfill for trench below the grade;
- (3) Installation of steel pipe:
  - (a) 375 lf. 23-in. diam.;
  - (b) 155 lf. 24-in. diam.;
- (4) Six roundabout seams, fabrication of bends, from 23-in. and 24-in. diam. pipe.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of \$10.

N. A. Eckart, Chief Engineer.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Mar. 24, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,996, for laying sewers in Conkling Street north of Silver Ave. and in Silver Ave. between Scotia Ave. and Layton St. Estimated cost, \$2,615.20.

The work involves:

- (1) 5 each brick manholes, comp.;
- (2) 380 lf. 8-in. VCP sewer, in place
- (3) 321 lf. 12-in. do;
- (4) 112 lf. 15-in. do;
- (5) 52 lf. 10-in. do;
- (6) 1 each, brick catchbasin, comp.;

- (7) 28 each, 8x6-in. wye branches, in place;
- (8) 12x6-in. do;
- (9) 4 each 15x6-in. do;

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Mar. 24, the Department of Public Works, Room 251, City Hall, under Spec. No. 19,002, for the construction of Section C of the Park-Prezidio District High Pressure System for fire protection. Estimated cost, \$28,000.

The work involves:

- Cast Iron Pipe and Special Castings in Place
  - (1) 144 lf. 18-in. Class F bell and spigot, lugged;
  - (2) 48 lf. 14-inch Class H double spigot, lugged;
  - (3) 480 lf. 14-in. Class H bell and spigot, lugged;
  - (4) 816 lf. 12-in. Class G bell and spigot, plain;
  - (5) 552 lf. 12-in. Class C bell and spigot, lugged;
  - (6) 2256 lf. 10-in. Class H double spigot, plain;
  - (7) 132 lf. 10-in. Class H double spigot, lugged;
  - (8) 100 lf. 8-in. Class H bell and spigot, lugged;

Note: Items 1 to 8 inclusive, cast iron pipe and part of the special castings, will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

- (9) 8 each 10-in. gate valves, furnished, cleaned and relaid;
- (10) 8 each 8-in. gate valves, do;
- (11) 1 each 4-inch vertical by-pass valve for 16-in. gate valve, fur-

- nished, cleaned and delivered;
- (12) 8 each standard high pressure hydrants, furnished, tested and delivered;
- (13) 1 each 16-in. vertical gate valve, reconditioned;
- (14) 1 each 16-in. gate valve, in place
- (15) 1 each 12-in. do;
- (16) 8 each 10-in. do;
- (17) 8 each 8-in. do;
- (18) 8 each standard high pressure hydrants, in place;

Note: Items 13 to 18, inclusive, 16- and 12-in. gate valves will be furnished by the city; 10- and 8-in. gate valves, 4-in. by-pass valve, and standard high pressure hydrants shall be furnished by the contractor under bid items 9, 10, and 12.

- (19) 24,150 lbs. pig lead, furnished and delivered;
- (20) 4,436 lbs. cast steel special castings, furnished and delivered;
- (21) 14,847 lbs. cast iron, do;
- (22) 8,154 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
- (23) 5,112 lbs. wrought iron bolts, the rods, nuts and washers, furnished and placed;
- (24) 870 lbs. reinforcing steel, furnished and placed;
- (25) 12 c.y. Class B concrete, in place
- (26) 2530 c.y. excavation and backfill;
- (27) 12,210 sq. ft. asphaltic concrete pavement, 2-in.—6-in., Class F concrete;
- (28) 128 sq. ft. concrete sidewalk, 2-course;
- (29) 4 c.y. crushed rock, furnished and placed.

Note: Items 19 to 29 inclusive, all materials shall be furnished by the contractor.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**GLENN COUNTY—FOUR BRIDGES AND APPROACHES—(State)**

**GLENN CO., Calif.**—Charles Kuppingier, Box 356, Lakeport, at \$48,289, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of four reinforced concrete slab bridges on concrete pile bents, and grading and applying road-mix surface treatment to roadway approaches, in Glenn County, between points approximately 4 and 6 miles east of Butte City.

- (1) 500 M. gals. water;
- (2) 1,800 cu. yds. rdwy. excav., unclassified;
- (3) 400 cu. yds. struc. excav.;
- (4) 30 cu. yds. ditch and channel excavation;
- (5) 21,000 cu. yds. imported borrow
- (6) 30 sta. finishing rdwy.;
- (7) 8 tons liquid asph. SC-2 (prime coat);

- (8) 58 tons liquid asphalt ROMC-5 -4 or -5 (road-mix surf. treatment);
- (9) 6,800 sq. yds. preparing, mixing and shaping roadbed (do);
- (10) 115,000 lbs. bar reinf. steel;
- (11) 565 cu. yds. Class A portland cement concrete (struc.);
- (12) 1,040 lf. timber railing;
- (13) 2,770 lf. reinf. concrete piles, including test piles (furnishing);
- (14) 90 each, do (driving);
- (15) 155 cu. yds. Class A portland cement concrete (slope paving and cut-off walls);
- (16) 10 lf. 24-in. CMP;
- (17) 176 lf. existing pipe culverts, removed, cleaned and relaid;
- (18) 50 lf. existing pipe culverts, removed, cleaned and salvaged;
- (19) 70 each timber guide posts;
- (20) 100 each existing guide posts, removed and reset;

- (21) 30 each existing guide posts, removed and salvaged;
  - (22) 0.32 ml. existing property fence, moved and reset;
  - (23) 1 lot misc. items of work.
- Total bids follow:
- (A) Charles Kuppingier, Lakeport, \$49,289.00
  - (B) F. O. Bohnett, San Jose 52,208.00
  - (C) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland 53,438.98
  - (D) Peter J. McHugh S. F. 54,952.50
  - (E) Lord & Bishop, Sacramento 55,241.00
  - (F) Earl W. Heple, San Jose 56,641.91
  - (G) N. M. Ball Sons, Berkeley 57,438.60
  - (H) F. C. Amoroso & Sons, San Francisco 58,463.00
  - (I) John Rowa, San Rafael 59,629.50
  - (J) A. Soda & Son, Oakland 67,741.00
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$ 1.00	\$ 1.50	\$ 1.30	\$ 1.70	\$ 1.50	\$ 1.90	\$ 2.00	\$ 2.40	\$ 2.00	\$ 2.50
(2).....	.40	.30	.38	.45	.50	.45	1.00	.60	.60	.60
(3).....	1.50	1.00	1.25	1.00	1.50	1.14	2.00	2.00	2.00	1.50
(4).....	1.50	1.00	1.30	2.00	1.00	.88	1.20	1.50	1.50	2.00
(5).....	.58	.60	.63	.61	.75	.80	.60	.90	.70	.70
(6).....	10.00	10.00	9.00	11.00	10.00	7.56	7.00	6.00	10.00	15.00
(7).....	22.00	20.00	15.95	25.00	40.00	31.00	23.00	21.00	25.00	30.00
(8).....	24.00	20.00	23.12	27.00	22.00	24.00	23.00	21.00	23.00	33.00
(9).....	.07	.18	.09	.08	.12	.12	.10	.09	.12	.26
(10).....	.058	.055	.0575	.065	.06	.06	.052	.06	.05	.06
(11).....	18.00	20.00	25.00	22.50	32.00	21.00	25.00	19.00	24.30	27.00
(12).....	1.50	1.50	1.00	1.80	1.00	1.00	1.50	1.25	1.50	2.50
(13).....	2.00	2.25	2.25	2.30	2.50	2.20	3.00	2.25	2.00	2.40
(14).....	37.50	70.00	45.00	60.00	40.00	60.00	15.00	60.00	71.50	75.00
(15).....	16.00	15.00	18.00	14.00	16.00	17.00	21.00	15.00	20.00	17.00
(16).....	4.00	4.00	3.85	3.00	3.00	3.40	2.50	2.75	4.00	6.00
(17).....	.75	1.00	.77	1.25	1.00	1.31	.60	1.25	1.00	1.50
(18).....	.50	.75	.64	.60	.70	.90	.50	.90	.80	1.40
(19).....	2.00	1.50	2.50	3.00	2.00	2.20	2.50	2.50	3.00	2.50
(20).....	1.25	1.00	1.70	1.50	1.00	.83	.50	2.00	1.00	1.00
(21).....	.50	.50	.64	1.00	.50	.63	.20	2.00	1.00	1.00
(22).....	400.00	400.00	260.00	350.00	400.00	225.00	400.00	700.00	450.00	600.00
(23).....	1500.00	400.00	515.00	600.00	500.00	400.00	1000.00	650.00	2500.00	4000.00

34— PARKS AND PLAY GROUNDS

NEW BIDS WANTED

RENO, Nevada.—Until March 30, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding, planting and manhole at the U. S. Post Office at Reno, Nev.

Specifications may be obtained from the above office and from the custodian of the building at Reno.

All bids were rejected at previous bid call.

LOW BIDDERS

HICKAM FIELD, T. H. — Ralph Woolley, Honolulu, at \$12,470, submitted low bid to Captain H. B. Nurse, Contracting Quartermaster, Hickam Field, under Bid No. W 397-37-12, for construction of the entrance gateway and reservation fence at Hickam Field.

The three low bids follow: Ralph Woolley, Honolulu.....\$12,470

Moses Akiona, Honolulu..... 12,700  
James W. Glover, Honolulu..... 12,955

BIDS WANTED

SAN FRANCISCO.—Until Mar. 24, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for planting at George Washington High School, Geary, Balboa, 30th and 32nd Aves. Estimated cost, \$2,100.

Specifications may be obtained from the office of City Architect C. H. Sawyer, Room 265, City Hall, upon deposit of \$500.

SAN DIEGO COUNTY—8 MI. GRADING & PAVING—(State)

SAN DIEGO CO., Calif.—David H. Ryan, 1615 Fern St., San Diego, at \$411,580.35, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about eight miles grading, paving with portland cement concrete, and placing plant-mixed surfacing on crusher run base, in San Diego Co., between Las Flores underpass and one mile south of San Onofre.

The work involves:

- (1) 13,700 M. gals. water;
- (2) 283,500 c.y. roadway excav., unclassified;
- (3) 6,225 c.y. struc. excav.;
- (4) 72,500 c.y. imported borrow;
- (5) 11,681,500 sta. yds. overhaul;
- (6) 96,900 sq. yds. preparing subgrade;
- (7) 925 c.y. existing concrete, remove and dispose of;
- (8) 424 sta. finishing rdwy.;
- (9) 11,250 tons crusher run base;
- (10) 7,950 tons min. aggregate (plant mix surface);
- (11) 365 tons liquid asphalt MC-5 or MC-extra, neat (do. 100%);
- (12) 90 tons liquid asph. SC-2 (prime coat);
- (13) 37 tons liquid asphalt MC-3 (stockpiled surf. and gutter seal coat);
- (14) 950 tons liquid asphalt SC-2 (road-mix surf. treatment);
- (15) 119,500 sq. yds. preparing, mix-

- ing and shaping roadbed, shoulders, gutter slopes and dikes;
- (16) 19,370 c.y. Class A portland cement concrete (pave.);
- (17) 39,250 each pave. dowels;
- (18) 291,400 pounds bar reinf. steel (pave. and struc.);
- (19) 1,680 sq. yds. mesh reinf. (ditch lining);
- (20) 195 c.y. Class A portland cement concrete (do.);
- (21) 1,690 c.y. Class A portland cement concrete (struc.);
- (22) 0.35 MFBM redwood timber, select, dense, all-heart structural grade;
- (23) 816 lf. 8-in. CMP;
- (24) 424 lf. 18-in. CMP;
- (25) 168 lf. 24-in. CMP;
- (26) 210 lf. 36-in. CMP;
- (27) 68 lf. 42-in. CMP;
- (28) 78 lf. 48-in. CMP;
- (29) 26 each spillway assemblies;
- (30) 62 lf. existing pipe culverts, remove, clean and relay;
- (31) 2,170 lf. laminated guard railing, 4-in.;
- (32) 70 lf. existing guard railing removed and stockpiled;
- (33) 69 each culvert markers;
- (34) 2 each culvert markers, remove and reset;
- (35) 18 each guide posts, removed and stockpiled;
- (36) 8.2 miles new property fences;
- (37) 0.3 mile property fences, removed and disposed of;
- (38) 14 each drive gates;

- (39) 1 only cast steel frame and cover for drop inlet;
- (40) 40 each monuments complete in place.

Total bids follow:

- (A) David H. Ryan, San Diego—\$411,580.35.
- (B) Griffith Co., Los Angeles—\$429,164.75.
- (C) Metropolitan Constr. Co., Los Angeles—\$429,644.70.
- (D) Lewis Constr. Co., Los Angeles, and Bodenhamer Constr. Co., Oakland—\$461,640.55.
- (E) Basich Bros., Torrance—\$463,754.95.
- (F) Sharp & Fellows Contracting Co., Los Angeles—\$454,309.20.
- (G) V. R. Dennis Constr. Co., San Diego—\$468,345.05.
- (H) Gogo & Rados, Los Angeles—\$470,177.07.
- (I) J. E. Haddock, Ltd., Pasadena—\$481,555.50.
- (J) Oswald Bros., Los Angeles—\$482,985.50.
- (K) W. W. Hall Co., Alhambra—\$485,407.20.
- (L) United Concrete Pipe Corp., Los Angeles—\$489,734.35.
- (M) C. O. Sparks & Mundo Engineering Co., Los Angeles—\$495,248.65.
- (N) Dalbey-Gorman, San Diego—\$504,874.
- (O) B. G. Carroll and C. B. Grove, San Diego—\$509,112.30.
- (P) So. Cal. Roads Co., Los Angeles—\$511,812.25.

Unit bids follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
\$ 0.50	\$ 0.50	\$ 0.20	\$ 1.00	\$ 1.00	\$ 1.20	\$ 1.10	\$ 1.20	\$ 1.00	\$ 1.25	\$ 1.50	\$ 1.20	\$ 1.20	\$ 1.25	\$ 1.00	\$ 1.40
.17	.21	.24	.18	.215	.21	.22	.22	.235	.25	.21	.2675	.24	.27	.26	.24
.....	50	1.00	.50	1.25	1.60	50	1.00	1.00	1.70	.90	1.00	1.00	2.00	2.50	1.00
.....	30	.32	.30	.35	.32	.25	.38	.30	.45	.42	.33	.33	.50	.32	.35
.....	0.025	0.025	0.02	0.03	0.03	0.025	0.025	0.04	0.03	0.025	0.04	0.03	0.033	0.025	0.03
.....	10	.08	.08	.11	.06	.10	.10	.09	.09	.095	.09	.12	.10	.12	.09
.....	1.50	2.50	1.50	1.75	2.00	1.75	2.50	2.00	3.00	2.50	2.00	2.00	3.00	2.50	2.00
.....	5.00	5.00	10.00	7.00	5.00	10.00	10.00	5.00	15.00	5.00	4.50	6.00	10.00	5.00	5.00
.....	1.60	2.05	1.75	2.23	2.00	2.15	1.90	2.10	1.95	2.40	2.25	2.00	1.60	2.00	1.80
.....	2.50	2.15	2.40	2.80	3.00	3.00	3.50	3.20	2.70	2.50	2.70	2.50	3.40	2.55	2.80
.....	15.00	16.00	18.00	18.00	14.70	17.00	16.00	18.00	15.00	16.00	17.00	20.00	15.00	17.90	18.00
.....	10.00	10.00	18.00	11.00	8.70	15.00	10.00	10.00	15.00	12.50	11.50	15.00	11.00	10.50	13.00
.....	16.00	16.00	18.00	18.00	20.00	24.00	19.00	20.00	20.00	22.00	22.50	20.00	21.00	21.50	25.00
.....	8.00	8.50	10.00	10.00	9.00	9.00	10.00	7.80	8.85	9.50	10.00	9.00	9.45	8.80	9.00
.....	.05	.043	.06	.06	.05	.065	.05	.06	.05	.065	.07	.06	.06	.06	.05
.....	7.20	7.15	7.40	7.95	7.75	8.80	8.25	7.40	7.70	7.50	8.00	7.65	7.70	7.90	8.00
.....	.12	.12	.15	.15	.11	.12	.15	.12	.13	.12	.14	.15	.13	.15	.12
.....	.06	.05	.05	.055	.05	.065	.055	.055	.06	.055	.05	.06	.05	.0625	.06
.....	40	32	40	40	35	40	50	40	40	35	38	50	40	45	40
.....	15.00	13.00	12.00	16.00	14.00	15.00	15.00	16.00	15.00	13.00	12.50	16.00	13.00	13.00	17.50
.....	22.00	20.00	20.00	22.00	20.40	18.75	19.00	18.25	22.00	19.50	19.00	20.00	25.00	24.00	20.00
.....	200.00	100.00	100.00	200.00	120.00	120.00	150.00	90.00	150.00	125.00	200.00	150.00	200.00	125.00	150.00
.....	1.10	.90	1.00	1.00	.90	1.00	.95	.90	.95	1.00	.80	1.10	1.10	1.00	1.25
.....	2.00	1.50	1.80	1.90	1.60	1.85	1.65	1.60	1.60	1.75	1.65	2.00	1.70	1.75	1.70
.....	2.75	2.50	2.75	2.80	2.40	2.85	2.50	2.30	2.50	2.20	2.25	3.00	2.50	2.75	2.50
.....	4.50	5.00	4.50	5.50	4.50	5.40	5.50	4.80	4.80	4.50	4.75	4.50	4.70	5.25	5.00
.....	6.00	6.00	6.00	6.50	6.30	6.70	6.00	6.00	6.50	5.50	5.50	7.00	5.60	6.00	7.00
.....	7.50	7.00	6.50	7.50	6.20	7.80	7.00	7.00	6.60	6.50	6.50	6.50	6.50	7.50	8.00
.....	16.00	20.00	15.00	15.00	15.70	15.00	15.00	13.00	15.00	14.00	20.00	15.00	15.00	15.00	14.00
.....	1.00	1.00	1.00	1.00	.75	1.00	1.00	1.00	1.00	1.25	3.00	2.00	1.00	1.00	.50
.....	1.00	.90	1.00	1.00	1.50	.90	1.00	1.00	1.25	1.20	1.00	1.00	1.00	1.00	1.00
.....	2.00	3.0	.50	.30	.50	50	.50	.50	.30	.50	.50	.75	.00	.20	.50
.....	2.00	2.00	3.00	2.50	2.00	2.50	2.50	2.00	2.50	2.50	2.50	4.00	3.00	2.50	3.00
.....	2.00	1.50	3.00	1.00	1.25	1.50	2.00	1.00	1.50	2.00	2.50	5.00	5.00	1.00	2.00
.....	1.00	1.00	1.00	.30	.50	1.00	1.00	.50	1.50	.50	1.25	2.00	2.00	.50	1.00
.....	475.00	600.00	503.00	650.00	600.00	600.00	500.00	700.00	700.00	650.00	625.00	600.00	550.00	620.00	450.00
.....	100.00	200.00	100.00	200.00	100.00	100.00	100.00	100.00	150.00	100.00	125.00	50.00	50.00	100.00	100.00
.....	25.00	20.00	40.00	18.00	15.00	20.00	50.00	20.00	14.00	15.00	20.00	15.00	25.00	16.00	15.00
.....	40.00	50.00	50.00	45.00	50.00	40.00	50.00	40.00	44.00	50.00	50.00	40.00	60.00	40.00	40.00
.....	3.00	3.00	3.00	2.50	2.50	3.00	3.00	2.50	2.50	2.50	3.00	2.00	2.00	2.50	3.00

**SAN JOAQUIN & STANISLAUS COS.—4.6 Mi. Grade & Surface—(State)**

SAN JOAQUIN & Stanislaus Cos., Cal.—Basch Bros., 20350 Normandie Ave., Torrance, at \$46,285.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 4.6 miles grading and applying road-mix surface treatment in San Joaquin and Stanislaus Counties, between Vernalis and Gates Road.

The work involves:

- (1) 243 sta. clear and grub right of way;
- (2) 950 cu. yds. water;
- (3) 29,000 c.y. gals. water; unclass.
- (4) 13,500 sta. yds. overhaul;
- (5) 26,000 c.y. imported borrow;
- (6) 1,670 c.y. struc. excav.;
- (7) 243 sta. finishing rdwy.;
- (8) 58 tons liquid asph. SC-2 (prime coat);
- (9) 700 tons liquid asphalt SC-4;
- (10) 56,000 sq. yds. preparing, mixing and shaping roadbed;
- (11) 5,800 lbs. bar reinf. steel;
- (12) 68 cu. yds. Class A portland cement concrete (struc.);
- (13) 5 cu. yds. existing concrete removed and disposed of;
- (14) 248 lf. 18-in. CMP;

- (15) 466 lf. 24-in. CMP;
- (16) 366 lf. 24-in. CMP siphon;
- (17) 86 lf. 30-in. CMP siphon;
- (18) 382 lf. 36-in. CMP siphon;
- (19) 10 lf. existing culverts removed and relaid;
- (20) 216 lf. existing culverts removed, and salvaged;
- (21) 17 each 24-in. concrete joints siphon;
- (22) 4 each 30-in. do;
- (23) 18 each 36-in. do;
- (24) 1 each automatic drainage gate;
- (25) 12 each culvert markers;
- (26) 3.19 miles new property fence;
- (27) 0.93 mile existing fences moved and reset;
- (28) 13 each drive gates;
- (29) 53 each monuments complete in place.

Total bids follow:

- (A) Basch Bros., Torrance, \$46,285.00.
- (B) A. Teichert & Son, Inc., Sacramento, \$48,762.00.
- (C) Leo F. Piazza, San Jose, \$49,392.50.
- (D) Lee J. Immel, Berkeley, \$50,696.00.

- (E) Louis Biasotti & Son, Stockton, \$51,571.65.
- (F) Earl W. Heple, San Jose, \$51,981.50.
- (G) Peter J. McHugh, San Francisco \$53,898.20.
- (H) Geo. French, Jr., Stockton, \$54,446.50.
- (I) Claude C. Wood, Stockton, \$54,827.10.
- (J) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, \$56,819.94.
- (K) United Concrete Pipe Corp., Los Angeles, \$57,052.05.
- (L) N. M. Ball Sons & Larsen Bros., Berkeley, \$57,231.00.
- (M) E. A. Forde, San Anselmo, \$57,387.86.
- (N) Hanrahan Co., San Francisco, \$58,904.50.
- (O) Chas. L. Harny, San Francisco, \$61,216.00.
- (P) J. R. Reeves, Sacramento, \$65,458.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 3.00	\$ 3.00	\$ 4.00	\$ 3.00	\$ 1.00	\$ 1.00	\$ 4.00	\$ 5.00	\$ 4.00	\$ 1.00	\$ 3.00
(2)	1.25	1.40	2.00	.80	1.00	1.50	1.50	1.50	2.00	1.90	1.70
(3)	.21	.22	.23	.175	.24	.25	.23	.30	.29	.30	.32
(4)	.005	.01	.01	.01	.02	.01	.01	.02	.02	.01	.01
(5)	.45	.50	.55	.68	.55	.50	.61	.50	.59	.55	.57
(6)	1.00	1.00	1.00	.80	1.00	1.00	.90	1.00	1.00	1.25	.85
(7)	8.00	6.00	4.00	5.00	5.00	5.00	7.00	5.00	5.00	12.60	7.75
(8)	12.00	14.00	12.50	12.00	13.00	12.50	14.00	13.00	12.50	14.00	14.00
(9)	14.50	15.00	14.50	15.00	14.00	14.50	14.00	17.00	15.00	16.65	18.00
(10)	.05	.05	.035	.05	.06	.07	.06	.05	.05	.06	.06
(11)	.06	.06	.05	.06	.06	.08	.07	.07	.06	.06	.07
(12)	22.50	25.00	25.00	25.00	35.00	30.00	28.00	30.00	30.00	25.00	23.00
(13)	2.00	5.00	4.00	3.00	5.00	6.00	6.00	5.00	5.00	6.00	6.00
(14)	1.65	1.75	2.00	1.80	2.00	2.00	2.00	2.00	2.00	2.00	2.25
(15)	2.50	2.75	2.75	2.60	2.90	2.75	2.75	3.00	3.00	3.00	2.80
(16)	2.80	3.00	3.00	3.00	3.50	3.00	3.70	3.50	3.30	3.00	2.80
(17)	3.40	4.00	3.75	4.00	4.75	3.50	5.00	4.50	4.00	4.25	3.50
(18)	5.00	5.50	5.75	6.00	7.00	4.00	7.00	6.50	6.40	6.25	4.70
(19)	.60	1.00	.50	1.50	1.00	1.50	2.00	1.50	1.00	.75	2.00
(20)	.40	.50	.50	.50	.75	1.00	.50	.75	1.00	.75	1.30
(21)	10.00	10.00	9.00	12.00	12.50	2.00	13.00	12.00	12.50	10.00	11.00
(22)	14.00	15.00	13.00	12.50	16.00	3.00	20.00	16.00	20.00	14.00	15.00
(23)	16.00	17.50	15.00	20.00	22.00	3.00	20.00	20.00	22.50	15.75	18.00
(24)	30.00	30.00	30.00	30.00	35.00	25.00	50.00	30.00	40.00	31.50	50.00
(25)	2.00	2.00	2.75	2.00	1.50	3.50	3.50	3.00	3.00	2.50	4.00
(26)	500.00	450.00	450.00	600.00	550.00	600.00	550.00	500.00	400.00	450.00	600.00
(27)	150.00	400.00	300.00	400.00	475.00	300.00	400.00	350.00	300.00	256.00	350.00
(28)	15.00	20.00	22.00	20.00	16.00	25.00	20.00	25.00	20.00	20.00	18.00
(29)	2.50	3.00	2.50	3.00	3.00	3.00	3.00	3.00	3.00	3.00	5.00

	(L)	(M)	(N)	(O)	(P)
\$ 5.00	\$15.00	\$ 5.00	\$ 5.00	\$ 2.00	\$ 2.50
1.60	1.00	1.60	2.00	2.00	2.00
.30	.25	.25	.30	.40	
.01	.01	.02	.01	.02	
.60	.75	.60	.60	.83	
1.20	1.00	1.00	2.00	1.75	
8.00	5.00	7.00	5.00	7.50	
16.00	11.50	17.50	15.00	10.00	
16.00	13.57	20.00	17.00	15.00	
.06	.045	.07	.08	.06	
.06	.06	.07	.06	.07	
30.00	30.60	40.00	30.00	25.00	
6.00	5.00	2.50	4.00	4.00	
2.00	1.85	1.80	2.00	1.70	
2.50	2.60	2.30	2.50	2.65	
3.10	2.90	2.80	3.25	3.00	
3.90	3.56	3.40	3.75	3.75	
5.75	6.20	5.00	5.50	5.00	
1.00	.70	1.10	1.00	1.25	
.50	.50	.60	1.00	1.25	
12.00	9.50	12.00	10.00	10.00	
18.00	12.50	16.00	10.00	14.00	
23.00	15.00	20.00	10.00	16.00	
40.00	30.00	26.00	50.00	25.00	
2.50	3.00	2.00	3.00	2.50	
500.00	450.00	500.00	800.00	600.00	
300.00	300.00	300.00	300.00	200.00	
19.00	20.00	20.00	30.00	20.00	
2.50	2.50	3.00	5.00	3.00	



**Bethlehem Steel Sheets**

Galvanized, plain and corrugated; Beth-Cu-Loy (copper-bearing); Hot and Cold Rolled; Ridge Roll.

Stocks in San Francisco, Los Angeles, Seattle and Portland.

**BETHLEHEM STEEL COMPANY**  
on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

# MACHINERY & MATERIAL

Bid calls for construction machinery, State, Municipal and other P

ery and materials and miscellaneous equipment and supplies purchased by ublic agencies.

## WAR DEPARTMENT

FORT MASON, Cal.—Until Mar. 23, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-323, for furnishing door mats, brushes, steel wool, naphthalene, wastepaper baskets, etc.

Specifications obtained from the above office.

FORT MASON, Cal.—Until Mar. 16 11 A. M., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-75, for furnishing 13 panel boards, ten 3-pole and 3 2-pole safety switches, toggle switches, switch plates, wire, solder, etc.

Delivery job Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtained from the above office.

FORT MASON, Cal.—Until Mar. 16 10 A. M., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-74 for furnishing Douglas fir lumber, flooring, and battens, and Redwood lumber and shingles.

Delivery job Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtained from the above office.

SAN FRANCISCO.—Until Mar. 18, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-206, for furnishing 1,710 lbs. manila rope.

Delivery job Pier 3½, San Francisco waterfront.

Specifications obtained from the above office.

SACRAMENTO, Cal.—Until March 18, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1106-37-175 for furnishing approximately 25 cylinders of oxygen and 12 cylinders of acetylene.

Delivery job Rio Vista.

Specifications obtained from the above office.

SAN FRANCISCO.—Until March 16, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-204, for furnishing steel, pipe fittings and welding rods, etc.

Delivery job S. F. waterfront pier as directed.

Specifications obtained from the above office.

SAN FRANCISCO.—Until March 16, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-204, for furnishing 1,650 ft. cast iron, bell and spigot water pipe, centrifugal cast-iron.

Delivery job Fort Funston.

Specifications obtained from the above office.

FORT LEWIS, Wash.—Until Mar. 20, 10 A. M., bids will be received by

the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-40, for furnishing paint and put materials.

Specifications obtained from the above office.

FORT LEWIS, Wash.—Until Mar. 19, 10 A. M., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-39, for furnishing one electric welder, A.C. arc, portable, 25 to 250 amperes, 110/220 volt, 60 cycle, to weld from 22 gauge sheets up to one inch steel and to handle 1/16- to 1/4-in. electrodes.

Specifications obtained from the above office.

FORT MASON, Cal.—Until March 20, 10 A. M., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-73, for furnishing door frames and other millwork.

Delivery job Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtained from the above office.

FORT MASON, Cal.—Until March 18, 10 A. M., bids will be received by the Quartermaster Supply Officer San Francisco General Depot, Fort Mason, under Bid No. 928-37-318, for furnishing 1,650 barrels of Portland cement.

Specifications obtained from the above office.

FORT MASON, Cal.—Until March 20, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-320, for furnishing parts for Dodge trucks.

Supplies are for shipment to the Quartermaster, Fort MacArthur.

Specifications obtained from the above office.

FORT LEWIS, Wash.—Until Mar. 18, 10 a. m., bids will be received by the Contracting Officer, Fort Lewis, under Bid No. 488-37-38, for furnishing one portable concrete mixer, mixed hatch of 10-cu. ft. capacity.

Specifications obtained from the above office.

SAN FRANCISCO, Calif.—Until March 16, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-201, for the rental of one dragline, convertible 1½ c.y. capacity, gas or diesel powered, for approximately 80 hours.

Delivery job Fort Funston.

Specifications obtained from the above office.

SAN FRANCISCO, Calif.—Until March 16, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-202, for furnishing Douglas fir lumber.

Delivery job Fort Funston.

Specifications obtained from the above office.

FORT MASON, Cal.—Until Mar. 17 11 A. M., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-77, for the rental of one gasoline or diesel tractor, 50- to 60-h.p., with bull dozer blade to be not less than 10-ft. long. The equipment will

be required for from 30 to 60 working days.

Delivery job Fort Baker.

Specifications obtained from the above office.

FORT MASON, Cal.—Until Mar. 24 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-324, for furnishing truck and motor cycle parts.

Specifications obtained from the above office.

FORT MASON, Cal.—Until Mar. 13 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-326, for furnishing 20,000 cans of caustic soda (lye).

Specifications obtained from the above office.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1753, for furnishing 2,000 ft. of No. 12 lead covered duplex and two tons of No. 12 H. D. copper wire.

Specifications obtained from the above office.

SAN FRANCISCO.—Until Mar. 29, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1752, for furnishing one gasoline engine driven double drum hoist for the H. H. W. S.

Specifications obtained from the above office.

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1751, for furnishing tie plates and joint plates for "L" carline extension (WPA).

Specifications obtained from the above office.

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1740, for furnishing approximately 30,300 lbs. of reinforcing steel for California High School Underpass (W P A.).

Specifications obtained from the above office.

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1748, for furnishing miscellaneous office furniture for the Assessor's office.

Specifications obtained from the above office.

## LOS ANGELES CITY

LOS ANGELES.—Until March 23, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing six oil insulated, outdoor type, single phase, 100 kva. transformer, complete with oil. Spec. No. 2232.

## RECLAMATION SERVICE

**BOULDER CANYON PROJECT.**—Until March 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 892-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, two welded plate-steel cylindrical bulkheads for the relief valves of the turbines at the Boulder power plant, Boulder Canyon project.

The bulkheads will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$6.50, not returnable.

**YAKIMA PROJECT.** Wash.—Until March 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 893-D, for furnishing and receiving for cars at the shipping point and/or Cle Elum, Wash., five 50,000-lb. capacity motor-driven, radial gate hoists for installation in the spillway at the Cle Elum Dam, Yakima project.

The hoists will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

**RIO GRANDE PROJ.,** New Mexico-Texas.—Until March 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 895-D, for furnishing and delivering fob cars at the shipping point and/or Hatch, N. M., two 50x21-ft. automatic radial gates for installation in the spillway of the Caballo Dam, Rio Grande Project, New Mexico, Texas.

The radial gates will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

**OWYHEE PROJECT,** Oregon-Idaho.—Until March 29, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 891-D, for furnishing and delivering fob cars at the shipping point and/or Dunaway, Oregon, three motor-driven, vertical-shaft, single-suction, centrifugal pumping units, each having a capacity of 74 second-feet when operating under a total dynamic head of 50 feet, for installation in the Owyhee Ditch pumping plant, Owyhee Project.

All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$6.50, not returnable.

**CENTRAL VALLEY PROJECT,** Calif.—Until March 31, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 894-D, for furnishing and delivering fob cars at the shipping point and/or Friant, liquid petroleum gas storage and gasifying equipment, pipe and fittings for piping the gas to the buildings and residences, gas meters, storage-water heaters, and fuel for a liquid petroleum gas plant to serve the residences and buildings in the Government camp at the Friant Dam, Central Valley Project.

All materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bidders; to others, \$6.50, not returnable.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Until Mar. 15, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3533, for the rental of one 3-ton flat bed truck with removable sides, for use on WPA projects.

Delivery fob 1155 Page St., San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

MARCH 18, 10 A. M.:  
 BID NO. 3531: 2,300 lb. wrought iron pipe, galvanized; fob University of California, Berkeley;

BID NO. 3533: 2,000 tons of rip-rap rock; fob Aquatic Park, foot of Bancroft Way, Berkeley.

MARCH 16, 10 A. M.:  
 BID NO. 3537: 8000 sacks portland cement; fob Roseville.

MARCH 18, 10 A. M.:  
 BID NO. 3536: 1,800 tons cementing road rock; fob Bruceville Road Sacramento County.

MARCH 19, 10 A. M.:  
 BID NO. 3528: 16 pinus radiata pines specimens and 10 cedrus deodora specimens; fob various locations as directed in the City of Oakland;

BID NO. 3530: 120 cu. ft. galvanized conduit; fob Fort Baker, Marin County.

Specifications obtainable from the above office.

March 16, 10 A. M.  
 BID NO. 3527—2,400 Lf. welded steel pipe; fob trencheside, along the State Highway, between Niles and Centerville, Alameda Co.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND** — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

March 18, 2 P. M.

BID NO. 4409—750 ft. new hoisting rope for LeTourneau trawl sum allowance or cash offer for one Dinuba ripper and one Galion grader. Delivery fob bidder's shipping point and/or Government Island.

BID NO. 4403—Purchase of new caterpillar parts, and lump sum allowance or cash offer for used equipment, including 11 catrac tractors, 4 graders, 2 rippers, 1 compressor, and 1 McCormick-Deering tractor. Delivery fob bidder's shipping point and/or Redding.

Specifications obtainable from the above office.

March 16, 2 P. M.  
 BID NO. 1024—4 rippers, complete with power-take-off and double drum hoist controls, ready for installation and operation with Caterpillar ED-7 tractors; fob bidder's shipping point and/or Government Island.

March 17, 2 P. M.  
 BID NO. 1030—550 sacks cement; fob bidder's shipping point and/or Enreka.

BID NO. 1025—10 drag scrapers, 4-c.y. size; fob bidder's shipping point. Alternate bids will be received for delivery of 4 fob Glendale.

and 6 fob Government Island. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Mar. 18 2 P. M., bids will be received by George D. Huestis, Assistant Procurement Officer, Forest Service 1022 Phelan Bldg., San Francisco, under Bid No. 1632, for furnishing two rippers, complete with power take-off and double drum hoist controls, ready for installation and operation with Caterpillar ED-8 tractors.

Delivery fob bidder's shipping pt. and/or Government Island.

Specifications obtainable from the above office.

## SAN JOAQUIN COUNTY

**LODI,** San Joaquin Co., Cal.—Until March 15, 7:30 P. H., to be opened at 8 P. M., bids will be received by the Lodi City Council, J. F. Blakeley, City Clerk, for furnishing equipment, as follows:

- (1) One pick-up truck equipped with express body, rated capacity to be not less than ½-ton nor more than 1½-ton.
- (2) One 1½-ton dump truck with overload springs, dual rear wheels, dump bed to be equipped with power hoist capable of raising not less than 4 tons, etc.
- (3) One "7-s" portable concrete mixer with engine drive, mounted on wheels suitable for towing behind truck.
- (4) One 105 cu. ft. actual air per minute, two-stage portable air compressor.

Information obtainable from Clinton Henning, Acting City Engineer, City Hall.

## MET. WATER DISTRICT

**LOS ANGELES.**—Until March 22, 2 p.m., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing welded-steel inlet elbows, tees, and wye branches for the main pumps in the Colorado River Aqueduct pumping plants; Spec. No. 200. Copies of the specifications may be obtained at Room 1007, 306 W. 3rd St., Los Angeles, upon deposit of \$2.00 per copy, not returnable.

Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

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## IN THIS ISSUE



Modoc Electrification Survey  
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*Basich Bros. Low on Placer Paving*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., MARCH 20, 1937

No. 9

## SURVEY PARTIES START SURPRISE VALLEY STUDIES

**\$500,000 Project Will Provide  
350-Mile Transmission  
Lines**

Survey parties will start work this week to collect data on which to base plans and specifications for the Surprise Valley Electrification Cooperative's proposed rural electrification project in Modoc and Lassen counties, Calif., and Lake county, Ore., for which the Federal government has allotted approximately \$500,000, according to Chief Engineer Allan Sickler.

The Rural Electrification Administration originally allotted \$360,000 for the project last November. At that time it was proposed to construct 284 miles of distributing lines to furnish energy for 682 customers. A 900-kwh. hydro-electric plant was to be located on Ash Creek near Adin, and sixty-six miles of transmission lines carrying 33,000 volts were to touch Round Valley, Big Valley, Adin and Lookout and extend into Lassen county. Sub-stations were planned for Canby, Davis Creek and Lake City.

### Delayed by Snow

He-ye snow fall in the area prevented any immediate construction during the winter months.

Lately the allotment for the project has been increased to approximately \$500,000. Mr. Sickler went to Washington last month for the purpose of consulting with REA officials with regards to changes in plans.

The new plans call for the substitution of a diesel-electric plant to be constructed near Alturas. The hydro-electric plant has been temporarily eliminated, according to Sickles.

### Transmission Lines

The cooperative now intends to build approximately 350 miles of 12,500-volt transmission lines to serve 850 customers. This is an increase of 66 miles of lines and 260 customers over the original estimate.

"The present plan is to let two contracts," Sickles said, "one for the diesel-electric power plant and one for the transmission lines."

## FRIANT STREET BIDS RECEIVED

SACRAMENTO, March 15. —A. J. Clausen, 686 Cragmont avenue, Berkeley, today submitted a low bid of \$24,905 to Walker Young, Reclamation Bureau construction engineer, for constructing street, alley, parking area and sidewalk grading, surfacing and sewer and water systems for the government camp at Friant Dam site about 22 miles from Fresno.

Frederickson and Watson Construction Co. and Frederickson Bros., Oakland, were second low bidders at \$25,694. W. J. Tobin, Oakland, was third with a figure of \$29,300. Seven bids in all were received for the contract.

## 11 DIRECTORS ARE NAMED BY S. F. EXCHANGE

**Friday Ballot Results Are Announced; Will Elect Officers Soon**

Officers to serve during the coming year will be elected soon, when newly elected directors of the San Francisco Builders' Exchange hold their first regular meeting, it was announced yesterday.

Eleven new directors were named Friday when the exchange held its annual membership meeting.

Those elected, and the groups by whom they were nominated, were: Joseph Ahlback, plumbing and heating; J. W. Bender, roofing contractors; Chas. W. Carle, reinforcing steel dealers; Sam Cohn, painters and decorators; R. J. H. Forbes, concrete contractors.

W. H. George, building material dealers; Wm. G. Gilmour, master plasterers; Emil Hogberg, masons and builders; Jos. B. Keenan, marble dealers; H. N. Patterson, ornamental iron manufacturers, and A. H. Wilhelm, general contractors.

Architect Mario Corbett of San Mateo announces removal of his offices from the Benjamin Franklin hotel to 72 Third avenue.

## BASICH BROS. BID PLACER PAVING JOB

**\$122,902 Figure Submitted by  
Torrance Firm on State  
Project**

SACRAMENTO, March 17. — Basich Bros., 20550 Normandie avenue, Torrance, today submitted a low bid of \$122,902 to the State Highway Commission here for grading and paving about two and nine-tenths miles in Placer county.

Six contractors submitted figures for the work, with a surprisingly narrow range of bids.

Total bids were as follows:

Basich Brothers .....	\$122,902
N. M. Ball Sons & Larsen Bros., Berkeley .....	124,770
A. Teichert & Son, Inc., Sacramento .....	127,488
Frederickson & Watson & Frederickson Bros., Oakland .....	128,101
Hanrahan Co., S. F. ....	129,054
Frederickson & Westbrook Lower Lake .....	129,466

The project, which is located between Rocklin and Loomis, calls for portland cement concrete pavement, of which about 6900 cubic yards will be required. Other bidding items included 43,000 cubic yards roadway excavation, 372,000 station yards overhaul, and numerous others.

## G-E ORDERS, SALES INCREASES REPORTED

President Gerard Swope of General Electric Co., has announced that orders received during the first two months of 1937 amounted to \$64,000,000, an increase of 79 per cent over the corresponding period last year, and that sales billed in the first two months were \$45,000,000, an increase of 39 per cent over the same period last year.

The Directors today declared a dividend of 40 cents a share for the first quarter, payable on April 26, 1937, to stockholders of record on March 19, 1937.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

568	Doelger	Owner	5000	Builder, Inc., 320 Judah Street.		dwelling.	
569	Doelger	Owner	5000	Architect—Not Given.	\$5,000	Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.	\$5,000
571	Doelger	Owner	5000			Architect—Not Given.	
572	Doelger	Owner	5000				
573	Doelger	Owner	5000				
574	Doelger	Owner	5000				
575	Doelger	Owner	5000				
576	Doelger	Owner	5000				
577	Doelger	Owner	5000				
578	Doelger	Owner	5000				
579	Doelger	Owner	5000				
580	Doelger	Owner	5000				
581	Doelger	Owner	5000				
582	Doelger	Owner	5000				
583	Doelger	Owner	5000				
584	Doelger	Owner	5000				
585	Leroy	Owner	6000				
586	Olsen	Owner	1500				
587	Olsen	Owner	1500				
588	Christensen	Owner	4500				
589	Capital	Cahill	1500				
590	Christensen	Owner	1500				
591	Allen	Owner	3500				
592	Vedell	Owner	3500				
593	Remensperger	Hamill	1500				
594	Francisco	Owner	4000				
595	Standard	Owner	3500				
596	Standard	Owner	2500				
597	Delucchi	Delucchi	1500				
598	Pacific	Monson	5854				
599	Esmiol	Paratore	1000				
600	Jansen	Janssen	4000				
601	Crocker	White	1840				
602	Gereghino	Owner	1500				
603	Butcher	Owner	1200				
604	Hammergren	McCormack	1000				
605	Shannon	Owner	6000				
606	Shannon	Owner	6000				
607	Meyer	Owner	4000				
608	Meyer	Owner	3800				
609	Meyer	Owner	3800				
610	Meyer	Owner	3800				
611	Meyer	Owner	3800				
612	Meyer	Owner	3800				
613	Inberg	Owner	8000				
614	Johnson	Owner	4000				
616	Hastings	Bienfield	2000				
617	Rousseau	Owner	4000				
618	Rousseau	Owner	4000				
619	Rousseau	Owner	4000				
620	Rousseau	Owner	4000				
621	Rousseau	Owner	4000				
622	Rousseau	Owner	4000				
623	Nixon	Owner	3500				
624	Cohn	Kimball	1250				
625	Veylie	Owner	3000				
626	Williams	Williams	3600				
627	Williams	Williams	3600				
628	Williams	Williams	3600				
629	Maciel	Bayshore	1800				
630	Stammer	Sauer	4000				
631	S. F.	Lindgren	1000				
632	Western	Sjoberg	2300				
633	Norton	Malloch	1000				
634	Roth	Owner	6000				
635	Di Maggio	D'Amico	7000				
636	Nix	Owner	4000				
637	Janssen	Janssen	4000				
638	Safeway	Malloch	1000				
639	Daniels	Black	4000				
640	Stoneson	Owner	5500				
641	Gianfolini	Grant	2000				
642	Janssen	Janssen	4000				
643	McCarthy	Aetna	4000				
644	McCarthy	Aetna	4000				
645	Allen	Martin	13278				
646	Allen	Martin	13278				
647	Coles	Owner	4000				
648	S. F.	Paganini	4000				
649	Castle	Scott	3500				
650	McDonough	Owner	7000				
651	Lerner	Anderson	5800				
652	Sutro	Owner	15000				
653	Coles	Owner	4500				
654	McDonough	Owner	7000				
	DWELLING						
	(568) W 16th AVE. 305 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(569) W 16th AVE. 272 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(570) W 16th AVE. 207 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(571) W 16th AVE. 108 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(572) W 16th AVE. 469 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(573) W 16th AVE. 76 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(574) W 16th AVE. 141 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(575) W 16th AVE. 436 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(577) W 16th AVE. 174 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(578) W 16th AVE. 338 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(579) W 16th AVE. 403 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(580) W 16th Ave. 43 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(581) W 16th AVE. 239 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(582) W 16th AVE. 239 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(583) W 16th AVE. 501 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	DWELLING						
	(584) W 16th AVE. 370 S Moraga.						
	One - story and basement frame						
	dwelling.						
	Owner and Builder—Henry Doelger,						
	Builder, Inc., 320 Judah Street.						
	Architect—Not Given.						
	ALTERATIONS						
	(585) NE VENTURA 40 W Castenada.						
	Alter store.						
	Owner—Harold Leroy, 1950 Gough.						
	Contractor—F. F. Nelson, Inc., two Edgell Hill West.						
	Architect—Not Given.						\$6,000
	DWELLING						
	(586) W FAXON 100 S De Montford.						
	One - story and basement frame						
	dwelling.						
	Owner—J. D. McCarthy, 333 Kearny.						
	Contractor—Aetna Const. Co., 1730						

**DWELLING**  
(594) W ALMADEN COURT 285 N Anza. One-story and basement frame dwelling.  
Owner & Builder—Francisco Heights Bldg. Co., 1514 Larkin Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(595) E. 34TH AVE., 225 N KIRK-HAM. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given \$3500

**DWELLING**  
(596) E. 34TH AVE., 250 N KIRK-HAM. One-story and basement frame dwelling.  
Owner—Standard Building Co., 1500 Judah St.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(597) 1933-B JONES ST. Alter garages.  
Owner—G. Delucchi, Prem.  
Contractor—G. B. De Lucchi, 4 Sharp Place.  
Architect—Not Given \$1500

**FENCING & PAVING**  
(598) SW OTIS AND McCOPPIN. Fencing and paving.  
Owner—Pacific Tel. & Tel. Co., San Francisco.  
Contractor—Monson Bros., 475 6th St.  
Architect—Not Given. \$5854

**STORE**  
(599) 1319 STOCKTON ST. Stucco store.  
Owner—A. Esmol, care 110 Sutter.  
Contractor—R. Paratore, 549 Fell St.  
Architect—Fabre & Hildebrand, 110 Sutter St. \$1000

**DWELLING**  
(600) N. BALBOA, 122 E 46TH AVE. One-story and basement frame dwelling.  
Owner—Clayton R. Jansen, 1136 Clement.  
Contractor—E. A. Janssen, 1136 Clement.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(601) 325 MARKET. Alter office.  
Owner—Crocker Estate, Crocker Bldg.  
Contractor—White & Gloor, 681 Market St.  
Architect—Not Given. \$1840

**ALTERATIONS**  
(602) 4279 MISSION. Alter flats and stores.  
Owner—Joseph Cereghino, 86 Cotter St.  
Architect—Not Given. \$1500

**ALTERATIONS**  
(603) 53 POTOMAC. Alter flats.  
Owner—W. A. Butcher, Prem.  
Architect—Not Given. \$1200

**ALTERATIONS**  
(604) 1119 GREENWICH. Alter dwelling.  
Owner—Al Hammergren, Prem.  
Contractor—Thos. McCormack, 73 Hill St.  
Architect—Not Given. \$1000

**DWELLING**  
(605) S. TURK, 75 E PARKER. 2-story and basement frame dwelling.  
Owner—P. Shannon, 582 16th Ave.  
Architect—Not Given. \$6000

**DWELLING**  
(606) S. TURK, 100 E PARKER. 2-story and basement frame dwelling.  
Owner—P. Shannon, 582 16th Ave.  
Architect—Not Given. \$6000

**DWELLING**  
(607) E. TERESITA, 613 S PORTOLA. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$4000

**DWELLING**  
(608) NE MARIETTA, 351 SE EVELYN WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**DWELLING**  
(609) NE MARIETTA, 326 SE EVELYN WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**DWELLING**  
(610) NE MARIETTA, 401 SE EVELYN. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**DWELLING**  
(611) NE MARIETTA, 298 SE EVELYN WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**DWELLING**  
(612) NE MARIETTA, 376 SE EVELYN WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3800

**FLATS**  
(613) N JEFFERSON, 180 E DIVISADERO. Two-story frame flats.  
Owner—A. Inberg, 3924 20th St.  
Architect—Not Given. \$8000

**DWELLING**  
(614) W SHANNON, 221 N TURK. One-story frame dwelling.  
Owner—Peder P. Johnsen, 1750 Bay Street.  
Architect—Not Given. \$4000

**WAREHOUSE**  
(615) N. 24TH ST. BET TENNESSEE AND MINNESOTA. One-story Class C Warehouse.  
Owner—Crown Products Corp., 1237 Minnesota.  
Architect—Not Given. \$22,000

**ALTERATIONS**  
(616) 3525 PACIFIC AVE. Alter dwelling.  
Owner—R. Hastings, Prem.  
Contractor—D. L. Bienfeld, 666 Mission St.  
Architect—Earle B. Bertz, 681 Market St. \$2000

**DWELLING**  
(617) S. TURK, 50 E Roselyn Way. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
(618) S. TURK, 125 E ROSELYN WAY. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
(619) S. TURK, 75 E ROSELYN WAY. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
(620) S. TURK, 150 E ROSELYN

WAY. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
(621) S. TURK, 25 E ROSELYN WAY. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
(622) S. TURK, 100 E ROSELYN WAY. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny.  
Architect—Wm. Gunnison, 1666 Golden Gate Ave. \$4000

**ALTERATIONS**  
(623) 1280 WASHINGTON. Alter flats.  
Owner—Edw. J. Nixon, 585 Bush.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(624) 1031-37 GOLDEN GATE AVE. Alter stores.  
Owner—M. Cohn, 1033 Golden Gate Ave.  
Contractor—Fred M. Kimball, 128 9th Ave.  
Architect—Not Given. \$1250

**DWELLING**  
(625) N. ORTEGA, 40 E 21ST AVE. One-story and basement frame dwelling.  
Owner—Theodore Veyhle, 1326 22nd Ave.  
Architect—Not Given. \$3000

**DWELLING**  
(626) E HOLLADAY 136 N Eve. One-story and basement frame dwelling.  
Owner—J. B. Williams, care contractor.  
Contractor—Williams Const. Co., 137 Shakespeare.  
Architect—Not Given. \$3,500

**DWELLING**  
(627) E HOLLADAY 110 N Eve. One-story and basement frame dwelling.  
Owner—J. B. Williams, care contractor.  
Contractor—Williams Const. Co., 137 Shakespeare.  
Architect—Not Given. \$3,600

**DWELLING**  
(628) E HOLLADAY 85 North Eve. One-story and basement frame dwelling.  
Owner—J. B. Williams, care contractor.  
Contractor—Williams Const. Co., 137 Shakespeare.  
Architect—Not Given. \$3,600

**SERVICE STATION**  
(629) SW COR. 17th and Vernon. Class A service station.  
Owner—Clarence Maciel, 1826 Kirkham Street.  
Contractor—Buxshore Concrete Co., 496 Vermont.  
Architect—O. Baumbaugh, Underwood Bldg. \$1,500

**DWELLING**  
(630) W 16th AVE, 180 S Taraval. One-story and basement frame dwelling.  
Owner—H and E. Stammer, 2319 21st Avenue.  
Contractor—Fred M. Sauer, 2622 22nd Street.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(631) 155 SANSOME ST. Alter stock exchange.

Owner—S. F. Stock Exchange, 155 Sansome Street.  
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.  
Architect—Not Given. \$1,000

## ALTERATIONS

(632) S RHODE ISLAND 150 East 17th St. Alter storehouse.  
Owner—Western Pacific R. R. Co., Mills Bldg.  
Contractor—N. H. Sjoberg and Son, 5604 E 16th St., Oakland.  
Architect—Not Given. \$2,300

## DWELLING

(633) 3015 CLEMENT ST. Alter store.  
Owner—Lewis M. Norton, Russ Bldg.  
Contractor—J. S. Malloch, 666 Mission Street.  
Architect—Not Given. \$1,000

## DWELLING

(634) W 17th AVE. 125 S Moraga. One - story and basement frame dwelling.  
Owner and Builder—Wm. Roth, 578 19th Avenue.  
Architect—Not Given. \$6,000

## RESTAURANT

(635) S JEFFERSON 137 W Taylor St. One-story frame restaurant.  
Owner—Tom Di Maggio, 2047 Taylor.  
Contractor—Tony D'Amico 2345 Polk Street.  
Architect—Not Given. \$7,000

## DWELLING

(636) W TENTH AVE. 57 S Pacheco. One - story and basement frame dwelling.  
Owner—Lee Nix, 4127 Kirkham St.  
Architect—Robert Buckley, 525 Market Street. \$4,000

## DWELLING

(637) E 46th AVE. 145 N Balboa. One - story and basement frame dwelling.  
Owner—C. F. Janssen, 1138 Clement.  
Contractor—E. A. Janssen, 1138 Clement Street.  
Architect—Not Given. \$4,000

## ALTERATIONS

(638) SE CLEMENT and 10th Ave. Alter market.  
Owner—Safeway Stores, Ninth and Brannan Streets.  
Contractor—J. S. Malloch, 666 Mission Streets.  
Architect—Not Given. \$1,000

## DWELLING

(639) S KIRKHAM 162 W 15th Ave. One - story and basement frame dwelling.  
Owner—H. J. Daniels, 1501 15th Ave.  
Contractor—Robt. G. Black, 1925 Cabrillo St.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

## DWELLING

(640) E 19th AVE. 204 S Sloat Blvd. Two - story and basement frame dwelling.  
Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.  
Architect—Not Given. \$5,500

## ALTERATIONS

(641) 1413 KEARNY ST. Alter flats.  
Owner—Emilia Gianfolini, premises.  
Contractor—Grant - Martinelli Const. Co., 44 Mary St.  
Architect—Not Given. \$2,000

## DWELLING

(642) E 46th AVE. 167 N Balboa. One - story and basement frame dwelling.  
Owner—C. R. Janssen, 1138 Clement.  
Contractor—E. A. Janssen, 1138 Clement Street.  
Architect—Not Given. \$4,000

## DWELLING

(643) W ALEMANY BLVD., 350 S SANTA ROSA. One-story and basement frame dwelling.  
Owner—The McCarthy Co., 333 Kearny St.  
Contractor—Aetna Constr. Co., 1730 24th Ave.  
Architect—Not Given. \$4,000

## DWELLING

(644) W ALEMANY BLVD., 375 S SANTA ROSA. One-story and basement frame dwelling.  
Owner—The McCarthy Co., 333 Kearny St.  
Contractor—Aetna Constr. Co., 1730 24th Ave.  
Architect—Not Given. \$4,000

## DWELLING

(645) N SEA VIEW TER., COR. 307H AVE. Two-story and basement frame dwelling.  
Owner—Harry B. Allen, Inc., 154 Sutter St.  
Contractor—William Martin, 666 Mission St.  
Architect—Farr & Ward, 68 Post St. \$13,279

## DWELLING

(646) N SEA VIEW TER. 378 W 307H AVE. Two-story and basement frame dwelling.  
Owner—Harry B. Allen, Inc., 154 Sutter St.  
Contractor—William Martin, 666 Mission St.  
Architect—Farr & Ward, 68 Post St. \$13,279

## DWELLING

(647) E. 39TH AVE. 250 S JUDAH. One-story and basement frame dwelling.  
Owner—Walter P. Coles, 636 33d Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$4,000

## RETAINING WALLS

(648) TURK AND PARKER. Retaining walls and terrace.  
Owner—San Francisco College for Women, Prem.  
Contractor—David Paganini, 617 Montgomery.  
Architect—H. A. Minton, 525 Market St.  
Engineer—L. N. Nishkian, 525 Market St. \$4,000

## FLATS

(649) NW COR. COLERIDGE AND KINGSTON. Two-story frame flats.  
Owner—Lena Castle, 3721 Army.  
Contractor—E. S. Scott, 227 Louisburg.  
Architect—Not Given. \$3,500

## FLATS

(650) NE COR. 42ND AVE. AND FULTON. Two-story and basement frame flats.  
Owner—M. McDonough, 148 Randall.  
Architect—C. O. Clausen, 746 46th Ave. \$7,000

## DWELLING

(651) E 17TH AVE. 250 S VICENTE. One-story and basement frame dwelling.  
Owner—William Lerner, 1080 Eddy St.  
Contractor—S. R. Anderson, 1433 7th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$5,800

## SKATING RINK

(652) 1000 POINT LOBOS AVE. Skating Rink.  
Owner—A. G. Saito, Suito Baths.  
Engineer—F. W. Kellberg, 320 Market St. \$15,000

## DWELLING

(653) E. 39TH AVE. 225 S JUDAH. One-story and basement frame dwelling.

Owner—Walter P. Coles, 636 33d Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$4,500

## FLATS

(654) N. FULTON, 47 E 42ND AVE. Two-story and basement frame flats.  
Owner—M. McDonough, 148 Randall.  
Architect—C. O. Clausen, 746 46th Ave. \$7,000

## ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
344	Rubin	Unit	2000
345	Buckland	Owner	3250
346	Groves	Owner	4500
347	Gauch	Johnson	3000
348	Jamieson	Owner	1200
349	Netherby	Owner	4000
350	Dinsmore	Haskell	1450
351	Continental	Austin	7000
352	Pites	Griffin	1500
353	Popich	Gaubert	3500
354	Leckins	Owner	4500
355	Organ	Owner	5000
356	Organ	Owner	4500
357	Benedict	Crane	11290
358	Home	Gabriel	5000
359	Stover	Boyce	8500
360	Stevens	Acme	2500
361	McNeil	Beckett	7000
362	Webster	Furniture	1000
363	Womack	Owner	3500
364	French	Colby	4000
365	MacDonald	Sherwood	6500
366	Hinch	Owner	3000
367	Capital	Wheeler	1400
365	Price	Williams	7500
366	Oliver	Nordstrom	20,000
367	Berdell	Roby	1000
368	State	Bates	2000
369	Nordstrom	Treichel	18000
370	Pratt	Flagg	6500
371	Gamma	Bertlesen	50000
372	Hussey	Philbrick	2000
373	Dalley	Owner	1000
374	Fisher	Towers	5500
375	Hale	Dinwiddie	60000
376	Larsen	Owner	2000
377	Hunt	Dahl	6000
378	Fitzgerald	Ungaretti	4500
379	Will	Kilman	3900

## ALTERATIONS

(344) 1631 TELEGRAPH OAKLAND. Alterations.  
Owner—Alex. Rubin, 979 Market St., San Francisco.  
Contractor—Unit-Bilt Fixture Co., 243 7th St., San Francisco.  
Architect—Not Given. \$2,000

## DWELLING

(345) 8039 BROADWAY TERRACE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Nelson J. Buckland, 1735 68th Ave.  
Architect—Not Given. \$3,250

## DWELLING

(346) 2951 WATERHOUSE ROAD, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—H. D. and Alice Groves, 631 Valle Vista Ave.  
Architect—Not Given. \$4,500

## DWELLING

(347) 9426 PEACH ST., OAKLAND. One-story 5-room dwelling.  
Owner—M. Gauch, Prem.  
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
Architect—Not Given. \$3000

## BUNKERS

(348) 333 23RD AVE., OAKLAND. Gravel bunkers.  
Owner & Builder—Rhodes Jamieson, Prem.  
Also gravel bunkers, \$800.  
Architect—Not Given. \$1200

## DWELLING

(349) 744 CRESTON, BERKELEY. One-story 5-room frame dwelling and garage.

- Owner & Builder—W. A. Netherby,  
3853 Lyman Rd., Oakland.  
Architect—Not Given. \$4000
- ALTERATIONS**  
(350) 366 GRAND AVE., OAKLAND.  
Alterations.  
Owner—J. W. Dinsmore, Piedmont,  
Calif.  
Contractor—Albert A. Haskell, 255  
Ridgeway Ave.  
Architect—Williams & Wastell, 374  
17th St. \$1450
- ADDITION**  
(351) 523 SAN LEANDRO ST.,  
OAKLAND. One-story addition.  
Owner—Continental Can Co., 5601  
San Leandro St.  
Contractor—The Austin Co., 1001 Ray  
Bldg.  
Architect—Not Given. \$7500
- REPAIRS**  
(352) 965 SCOTT ST., OAKLAND.  
Fire repairs.  
Owner—E. G. Fites, 965 Scott St.  
Contractor—C. Griffin, 4001 Midvale  
Ave.  
Architect—Not Given. \$1550
- DWELLING**  
(353) 943 BIRCH ST., OAKLAND.  
One-story 5-room dwelling.  
Owner—J. Popich, 9703 Birch St.  
Contractor—Gaubert Bros., 4735  
Brookdale Ave.  
Architect—Not Given. \$3300
- DWELLING**  
(354) 1731 MOUNTAIN BLVD.,  
OAKLAND. One-story 6-room  
dwelling.  
Owner & Builder—C. W. Leekins,  
6052 La Salle Ave.  
Architect—Not Given. \$4500
- DWELLING**  
(355) 3443 MIRASOL AVE., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—David D. Bohan-  
an Organ., 331 17th St.  
Architect—Not Given. \$5000
- DWELLING**  
(356) 3501 MIRASOL AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—David B. Bohanan  
Organ., 331 17th St.  
Architect—Not Given. \$4500
- DWELLING**  
(357) 2470 CEDAR ST., BERKE-  
LEY. Two-story 8-room frame  
dwelling.  
Owner—M. R. Benedict, 2340 Vine.  
Contractor—P. L. Crane, 1569 Spruce.  
Architect—John Anthony. \$11,290
- DWELLING**  
(358) 4429 VIOLET ST., OAKLAND.  
One-story 6-room dwelling.  
Owner—Home Loan Security Co.,  
1447 Franklin St.  
Contractor—Walter N. Gabriel, 1447  
Franklin St.  
Architect—Not Given. \$5000
- DWELLING**  
(359) 136 SONIA ST. Two-story 6-  
room dwelling.  
Owner—H. C. Stover, Prem.  
Contractor—Boyce & Meade, 340 48th  
St.  
Architect—E. R. MacDonald, 3812  
Broadway. \$8500
- DWELLING**  
(360) 2424 94TH AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner—E. L. Stevens, 1649 25th Ave.  
Contractor—Acme Constr. Co., 1649  
25th Ave.  
Also 1-story garage, \$100.  
Architect—Not Given. \$2500
- DWELLINGS**  
(361) 3317-25 14TH AVE., OAK-  
LAND. Two 1-story five-room
- dwellings.  
Owner—J. McNeil, Prem.  
Contractor—A. T. Beckett, 224 Sec-  
oir Ave., Piedmont.  
Architect—Not Given. \$3500 each
- ALTERATIONS**  
(362) 3333 LAKESHORE AVENUE,  
OAKLAND. Alterations.  
Owner—Hal Webster, Prem.  
Contractor—Furniture Specialty Co.,  
1430 14th Ave.  
Architect—Not Given. \$1000
- DWELLING**  
(363) 4666 FAIR AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—Womack & Son,  
4901 Daisy St.  
Architect—Not Given. \$3500
- DWELLING**  
(364) 990 MILLER, BERKELEY.  
One-story 5-room frame dwelling  
and garage.  
Owner—O. M. French, 746 Ensena-da.  
Contractor—J. E. Colby, 2229 Carle-  
ton.  
Architect—Not Given. \$4000
- DWELLING**  
(365) 1080 CRESTON, BERKELEY  
Two-story 6-room frame dwell-  
ing and garage.  
Owner—L. F. MacDonald, 904 San  
Pablo.  
Contractor—T. E. Sherwood, 1359  
Marin.  
Architect—Not Given. \$6500
- DWELLING**  
(366) 1215 DWIGHT WAY, BERKE-  
LEY. One-story 5-room frame  
dwelling.  
Owner & Builder—E. M. Hinch, 393  
Bellevue Ave., Oakland.  
Architect—Not Given. \$3000
- ALTERATIONS**  
(367) 2609 SHATTUCK, BERKE-  
LEY. Alterations.  
Owner—The Capital Co., 1112 Broad-  
way, Oakland.  
Contractor—W. J. Wheeler, 4001 El-  
ston Ave., Oakland.  
Architect—Not Given. \$1400
- RESIDENCE**  
(368) 165 BELL AVE., PIEDMONT.  
Two-story 8-room residence, and  
garage.  
Owner—J. P. Price, 340 Warwick  
Avenue.  
Contractor—H. E. Williams, 839 Creed  
Road, Oakland.  
Architect—Not Given. \$7500
- RESIDENCE**  
(369) 120 HAZEL LANE, PIED-  
MONT. Two-story 10-room resi-  
dence, and garage.  
Owner—Wm. L. Oliver, 60 King Ave.  
Contractor—David Nordstrom, 354  
Hobart St.  
Architect—C. W. Mayhew. \$20,000
- ALTERATIONS**  
(367) 1248 50TH AVE., OAKLAND.  
Alterations and repairs.  
Owner—Jas. Herdel.  
Contractor—G. L. Roby & Son, 1920  
5th Ave.  
Architect—Not Given. \$1000
- OFFICE**  
(368) 3439 WOOD ST., OAKLAND  
One-story office.  
Owner—State of Calif., Dept. of Pub  
Works, 500 Sansome St., San  
Francisco.  
Contractor—Bates & Rogers, 532 Russ  
Bldg., San Francisco.  
Architect—Not Given. \$2000
- DWELLING**  
(369) 6401 ASCOT DR., OAKLAND  
Two-story 8-room dwelling  
Owner—Alfred M. Mueller.  
Contractor—David Nordstrom, 354  
Hobart St.
- Architect—C. H. Treichel, 696 Cleve-  
land Ave. \$13,000
- DWELLING**  
(370) 90 SONIA ST., OAKLAND.  
Two-story 6-room dwelling.  
Owner—R. C. Pratt, 2201 Pacific Av-  
enue, San Francisco.  
Contractor—John S. Flagg, 3387 Mar-  
com Ave.  
Architect—Not Given. \$6,500
- SORORITY HOUSE**  
(371) 2732 CHANNING WAY,  
BERKELEY. Three-story 32-rm.  
Sorority House.  
Owner—Gamma Phi Beta Hall As-  
sociation, Prem.  
Contractor—S. J. Bertelsen, 30 Es-  
trelda Ave., Piedmont.  
Architect—W. W. Winster, 260 Calif.  
St., San Francisco. \$50,000
- ADDITIONS**  
(372) 2019 LOS ANGELES, BERKE-  
LEY. Additions.  
Owner—Frank Hussey, Prem.  
Contractor—A. L. Philbrick, 724 Eu-  
clid, Oakland.  
Architect—Not Given. \$2000
- ALTERATIONS**  
(373) 6901 MOUNTAIN BLVD.,  
OAKLAND. Alterations and addi-  
tion.  
Owner & Builder—Jessie Dalley, 4011  
Masterson St.  
Architect—Not Given. \$1000
- DWELLING**  
(374) 1965 OAKCREST DR., OAK-  
LAND. Two-story 8-room dwell-  
ing.  
Owner—Henry Fisher, 366 Oakland  
Ave.  
Contractor—Ray Towers, 2508 Ben-  
venue Ave., Berkeley.  
Architect—Not Given. \$5500
- ADDITION**  
(375) 1091-13-23 WASHINGTON ST.,  
OAKLAND. One-story concrete  
addition.  
Owner—Hale Bros., Inc., 5th and  
Market Sts., San Francisco.  
Contractor—Diswiddle Constr. Co.,  
210 Crocker Bldg., San Francisco.  
Architect—Geo. De Colmesnil, de  
Young Bldg., San Francisco. \$60,000
- DWELLING**  
(376) 3923 LINCOLN AVE., OAK-  
LAND. One-story 4-room dwell-  
ing.  
Owner & Builder—Martin Larsen,  
1366 E. 28th St.  
Architect—Not Given. \$2600
- DWELLING**  
(377) 910 CARLSTON AVE., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner—Eloise N. Hunt, Oakland,  
Calif.  
Contractor—Edwin W. Dahl, 2901  
56th Ave.  
Architect Not Given. \$6000
- DWELLING**  
(378) 2974 MOUNTAIN BLVD.,  
OAKLAND. One-story 5-room  
dwelling.  
Owner—Geo. Fitzgerald, 2970 Moun-  
tain Blvd.  
Contractor—Chas. Ungaretti & Son,  
1727 Foothill Blvd.  
Architect—Not Given. \$4500
- DWELLING**  
(379) 745 NEILSON, BERKELEY  
One-story 5-room frame dwelling  
and garage.  
Owner—R. W. Will, 1655 Euclid  
Contractor—Kilman & Will  
Architect—Not Given. \$3900

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
37 Wunner	Decker	992
38 Los Altos	Church	29
39 Toms	D'Amico	15486
40 Pacific	Monson	5854
41 Bass	Mager	7234
42 Esmiol	Paratore	12915
43 Esmiol	Paratore	1464
44 Esmiol	Paratore	3793

#### ELECTRICAL WORK

(37) SW COR. SCOTT & CHEST-NUT STS. Electrical work to 1-story and basement frame bldg. Owner—Carl and Henrietta Wunner. Architect—Geo. H. Wemyer. Contractor—Decker Electrical Const. Co.

Filed Mar. 11, '37. Dated Mar. 8, '37.  
Work roughed in.....\$495  
Completion.....248  
Usual 35 days.....248

TOTAL COST, \$992

Limit, 50 days. Plans and specifications filed.

#### RECONSTRUCTION

(38) 16 CALIFORNIA ST. Reconstruct office building elevators. Owner—Los Altos Co., Inc. Contractor—Charles C. Church, 693 Wisconsin St.

Filed Mar. 15, '37. Dated Mar. 11, '37.  
25% usual 35 days.

TOTAL COST, 115% of cost Plans and specifications filed.

#### FLATS

(39) N. NORTH POINT ST., 55.6 W HYDE. Two-story and basement frame flats.

Owner—Till B. and Thelma Toms. Architect—Albert Parr and J. Francis Ward, 68 Post St. Contractor—Tony D'Amico, 2345 Polk St.

Filed Mar. 16, '37. Dated Mar. 5, '37.  
Frame work completed.....\$371.50  
Plastering completed.....371.50  
Completion.....371.50  
Usual 35 days.....371.50

TOTAL COST, \$15,486.00

Limit, 120 days. Plans and specifications filed.

#### PAVING & FENCING

(40) SW OTIS AND MCCOPPIN STS. Paving and fencing work.

Owner—Pacific Tel. & Tel. Co., Pac. Tel. & Tel. San Francisco. Architect—Not Given. Contractor—Monson Bros., 475 6th St.

Filed Feb. 17, '37. Dated Feb. 15, '37.  
75% 1st of month.

25% usual 40 days. TOTAL COST, \$5854.00  
Bond, \$5854. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

#### DWELLING

(41) LOT 3, BLK. 26, INGLESIDE TERRACE. One-story and basement frame dwelling.

Owner—Thos. J. Bass, Jr., 944 Phelan Bldg. Architect—Martin Rist, Phelan Bldg. Contractor—Mager Bros. & Son, 1359 4th Ave.

Filed Mar. 17, '37. Dated, Mar. 6, '37.  
Rough frame.....\$1808.50  
Brown coat plaster.....1808.50  
Completion.....1808.50  
Usual 35 days.....1808.50

TOTAL COST, \$7,234

Limit, 90 days. Plans and specifications filed.

#### ALTERATIONS

(42) NW COR. STOCKTON AND BROADWAY. Alter store and loft.

Owner—A. Esmiol, 110 Sutter St. Architect—Fabre & Hildebrand, 110 Sutter St.

Contractor—R. Paratore, 549 Fell St. Filed Mar. 17, '37. Dated Mar. 5, '37.  
Ready for lathing.....\$3225  
White coat plaster.....3225  
Completion.....3225  
Usual 35 days.....3240

TOTAL COST, \$12,915.00  
Bond, \$12,915. Sureties, L. M. Santini and A. Paratore. Forfeit, \$15. Limit, 70 days. Plans and specifications filed.

#### ALTERATIONS

(43) 1319 STOCKTON ST. Alter store.

Owner—A. Esmiol, 110 Sutter St. Architect—Fabre & Hildebrand, 110 Sutter St.

Contractor—R. Paratore, 549 Fell St. Filed Mar. 17, '37. Dated Mar. 5, '37.  
Completion.....\$1098  
Usual 35 days.....366

TOTAL COST, \$1,464.00

Forfeit, \$5. Limit, 10 days. Plans and specifications filed.

#### ALTERATIONS

(44) SW STOCKTON AND VALLEJO STS.; NW BROADWAY AND STOCKTON; 716 BROADWAY; 1319 STOCKTON ST. Alter stores and lofts.

Owner—A. Esmiol, 110 Sutter. Architect—Fabre & Hildebrand, 110 Sutter St.

Contractor—R. Paratore, 549 Fell St. Filed Mar. 17, '37. Dated Mar. 5, '37.  
Rough coat plaster.....\$1000  
Coat cement in place.....843  
Completion.....1000  
Usual 35 days.....950

TOTAL COST, \$3793.00

Bond, \$1,900. Sureties, L. M. Santini and A. Paratore. Limit, 35 days. Plans and specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
27 Chin	Teigland	26895
28 Budd	Nicholson	11356
29 Constine	Munson	7000

#### STORE

(27) LOTS 18, 19, 20 BLK 78, Kellerburger's Map, Oakland. Two-story reinforced concrete store.

Owner—Chin Han Kee, Chin Chung Wah. Architect—Francis L. Chinn.

Contractor—C. M. Teigland, 4607 Harbor Drive, Oakland.

Filed and Dated, March 16, 1937.

Forms completed to 1st story.....20%  
First story joists in place.....20%  
Completion.....20%  
Usual 35 days.....20%

TOTAL COST, \$26,895

Bond, \$14,000. Sureties, New York Casualty Co. Limit, 100 days.

#### RESIDENCE

(28) LOT 157, POR LOT 158, ST. JAMES WOOD, PIEDMONT. 2-story frame residence.

Owner—J. J. Budd, 575 Haddon Rd. Architect—Wm. Edw. Schirmer, Bank of Am. Bldg.

Contractor—Dot W. Nicholson, 550 Blossom Way, San Leandro.

Filed Mar. 17, '37. Dated Mar. 15, '37.  
1st each month, 75% labor and material.

Usual 35 days, 25%. TOTAL COST, \$11,356.00

Limit, 100 days. Plans and specifications filed.

#### SERVICE STATION

(29) LOTS 7 & 8, BLK. A TWITCHELL TRACT, BERKELEY. Service station.

Owner—Dr. L. S. Constine, 450 Sutter St., San Francisco. Architect—Richfield Oil Co. Contractor—John Munson, 2519 15th St., San Francisco.

Filed Mar. 17, '37. Dated Mar. 8, '37.  
1st and 16th each month, 85% la-

bor and material.

Usual 35 days, 15%. TOTAL COST, \$7000.00  
Bond, \$7,000. Surety, Fidelity and Deposit Co. Limit, 60 days.

### SAN FRANCISCO CO. PERMITS UNDER \$1,000

ALTER store, \$250; 716 Broadway; owner, A. Esmiol, care 110 Sutter; contractor, R. Paratore, 549 Fell St.; plans by Fabre & Hildebrand, 110 Sutter.

ALTER dwelling, \$400; 44 Madrone Ave.; owner, C. Patterson, Prem.

BILLBOARD, \$7, S Balboa, 82 E 34th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER apartments, \$500; 6625 California; owner, Fred Stotzen, 1455 11th Ave.

SIGN, electric, \$850; 1849 Van Ness Ave.; owner, J. E. French Co., 1849 Van Ness; contractor, Brumfield Elec. Sign Co., 965 Folsom.

BILLBOARD, \$25; SE Balboa and 24th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; S Balboa, 57 E 36th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; N Balboa, 82 E 35th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; NE Balboa and 21st Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$19; SE Balboa and 44th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; N Balboa, 82 E 35th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$7; N Balboa, 57 E 30th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$950; 1537 La Salle; owner, John K. Fran; contractor, Fred M. Kimball, 128 9th Ave.

ALTER store, \$500; 120 9th Ave.; owner, Alice Cummings, 2378 18th Ave.; contractor, Miller & McHugh, 444 Geary Blvd.

ALTER dwelling, \$200; 345 Vallejo; owner, Edward Nation, Prem.

ALTER hotel, \$200; 120 Embarcadero; owner, T. Tomenabara, Prem.; contractor, Miller & McHugh, 444 Geary Blvd.

ALTER flats, \$80; 273 Dolores; owner, M. De Jean, 273 Dolores.

FLUES, \$84; 165 Terrace Dr.; owner, J. H. Allen, 121 Balboa; contractor, Walter Furnace & Sheet Metal Works, 2230 Market St.

ALTER dwelling, \$200; 2446 19th Ave.; owner, C. C. Mitchell, Prem.; contractor, Bernhard & Moran, 666 Mission.

SIGN, electric, \$200; 1350 Powell; owner, Xochimilco Cafe, Prem.; contractor, Elec. Prod. Corp., 918 Harrison.

ALTER dwelling, \$140; 2820 Balboa; owner, Joe Spendel, Prem.

ALTER dwelling, \$200; 2438 19th Ave.; owner, John J. Crofton, Prem.; contractor, Bernhard & Moran, 666 Mission.

FLUE, \$12; 345 Market; owner, J. J. Deasy, 797 35th Ave.; contractor, J. Epp & Sons, 4745 Geary Blvd.

ALTER dwelling, \$175 2868 Vallejo; owner, P. Maddux, Prem.; contractor, W. Hornmeyer, 31 Ord St.

ALTER store, \$239; 538 Clement; owner, W. P. Fuller & Co., 301 Mission; contractor, Fred M. Kimball, 128 9th Ave.

ALTER dwelling, \$200; 2442 19th Ave.; owner, Albert Bernhard, 2406 22nd Ave.; contractor, Bernhard & Moran, 666 Mission.

ALTER dwelling, \$250; 4070 22d St.; owner, T. Heim, 881 Capp St.

ALTER flats, \$500; 482 27th St.; owner, D. Firpo, 455 27th St.



## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 6.—Offices                      |
| 2.—Banks                        | 11.—Ice and Cold Storage Plants |
| 3.—Churches                     | 12.—Power Plants                |
| 4.—Factories and Warehouses     | 13.—Public Buildings            |
| 5.—Flats                        | 14.—Residences                  |
| 6.—Garages and Service Stations | 15.—Schools                     |
| 7.—Federal Buildings            | 16.—Banks, Offices and          |
| 8.—Club Buildings               | 17.—Theatres                    |
| 9.—Hotels                       | 18.—Warehouses & Docks          |
| 10.—Motels                      | 19.—Misc. Const.                |
|                                 | 20.—Misc. Supplies &            |

## 1—APARTMENTS

Plans Being Figured—  
Blds Close March 27, 2 P. M.  
APARTMENTS Cost, \$.....  
SAN JOSE, Santa Clara County.

Two-story frame and stucco apartment building (nine 2-room apartments) tile and composition roof, hardwood floors, warm air heat, tile baths, individual refrigeration.

Owner—Mr. Cunningham.  
Architect—Edward W. Kress, 402 First National Bank Bldg., San Jose.

Bids are being received from a selected list of contractors.

TO BE DONE BY DAY'S WORK  
LOS ANGELES, Cal.—A. Markowitz & Son, 9269 Doherty Rd., will start work shortly on erection of a 3-story reinforced concrete apartment house at 9237-49 Doherty Rd. Cost, \$112,000. J. J. Rea, 253 South Broadway, structural engineer.

Plans Completed  
APARTMENTS Cost, \$20,000  
RENO, Nevada.

Two-story modern apartment building (four apartments, each containing living room, dinette, kitchenette, bedroom, bath, and foyer), individual entrances, individual oil burning heating units, individual garbage units, stucco exterior with Johns-Manville steelex, insulated with rock mineral wool, plaster interior, tile baths, electric refrigerators, etc.

Owner—Withheld.  
Architect—Mark Daniels, 101 Post St., San Francisco.

This will be the first unit of 12 apartments. Estimates are now being taken on steel and wood frame.

## 3—CHURCHES

Wrecking Contract Awarded  
CHURCH Cost, \$51,000  
SAN FRANCISCO, Octavia and Pine Streets.

Three-story frame church (wood exterior).  
Owner—Buddhist Mission of North America.

Plans by G. G. Shimmamoto, 1534 Geary Street.

Structural Engineer—C. J. Shy, 251 Kearny St.

Contractor—DeLuca & Son, Inc., 1745 Filbert St.

S. R. Araki, Hostetter Road, San Jose, awarded contract for wrecking. As previously reported, Judeon-Pacific Co., 608 Mission St., at \$12,975, was awarded contract for structural steel.

Contract Awarded  
CHURCH Cont. Pr., \$2,903  
SAN FRANCISCO, Mission St., near Third St.

Furnishing and installing 3/16-ft. rubber tile for St. Patrick's Church.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.

Architect—Arnold Constable, 580 Market St.

Contractor—Werner Anderson, 35 Stillman St., San Francisco.

## 4—FACTORIES &amp; WAREHOUSES

Contract Awarded  
INDUSTRIAL BLDG. Cost, \$.....  
SAN FRANCISCO, Calif., 15th and Julian Sts.

One-story and mezzanine frame and concrete industrial building.

Owner—D. Maas, care Bothin Real Estate Co., 604 Mission Street.

Architect—Angus McSweeney, 604 Mission St.

Contractor—A. F. Mattock Co., 212 Clara St.

Plans Completed  
WAREHOUSE Cost, \$22,000  
SAN FRANCISCO, Calif., N. 24th St., bet. Tennessee and Minnesota Sts.

One-story Class C warehouse.

Owner—Crown Products Corp., 1237 Minnesota St.

Plans by Engineering Department of Owner.

Additional Sub Contracts Awarded  
FACTORY Cost, \$40,000  
SAN FRANCISCO, W. Third Street, S 20th St.

One-story Class C factory building.

Owner—Middleton & Watson, 63 Natoma Street (Goodyear Rubber Company).

Architect—W. D. Peugh, 333 Montgomery Street.

Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Painting—R. P. Paoli & Co., 2530 Lombard St.

Glass—W. P. Fuller Co., 301 Mission St.

Roofing—Malott & Peterson, 2412 Harrison St.

Hollow Tile—W. A. Rainey & Son, 323 Clementine St.

Mill Work—Brannan St. Planing Mill, 569 Brannan St.

Dump Proofing—A. C. Horn Products Co., 557 Market St.

Elevators—Atlas Elevator Co., 34 Harriett St.

Sub contracts awarded to date published Feb. 15, Mar. 4 and Mar. 10.

BIDS WANTED  
LOS ANGELES, Calif.—Until Mar. 31, 10 a.m., bids will be received by the Los Angeles Harbor Department for the construction of a machine shop (60x10 ft.) and fishing laboratory facilities at Berth 161, L. A. Harbor; PWA Docket No. 1206; Unit No. 6. Cost, \$33,000. Bidding data may be obtained from the Harbor Engineer in San Pedro.

Correction In Award of Contract.  
INDUSTRIAL BLDG. Cost, \$.....  
SAN FRANCISCO, Fifteenth and Julian Streets.

One-story and mezzanine frame and concrete industrial building.

Owner—D. Maas, care Bothin Real Estate Co., 604 Mission Street.

Architect—Angus McSweeney, 604 Mission Street.

It was reported in error March 15 that contract for the above work had been awarded A. F. Mattock Co. Award of contract, however, has been indefinitely postponed.

Sub Contracts Awarded  
CREAMERY BLDG. Cont. Pr. \$8,988  
SAN FRANCISCO, Cal. Marina District.

Reinf. concrete and frame creamery building containing retail store, work rooms, toilets, tile and cement floors, composition roof, structural glass, etc.

Owner—Name withheld.  
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Contractor—V. Filippis, 269 24th Ave. Plumbing—Von Tagen Company, 60 Clay St.

Electric Wiring—Levy Electric Co., 1407 Bush St.

Sheet Metal—Stelling Sheet Metal Shop, 2811 Army St.

Iron Grille Work—Star Ornamental Iron Works, 227 Bay St.

Lumber—Allen & Dettman Lumber Co., 2000 Evans Ave. All of San Francisco.

Bids Opened  
WAREHOUSE Cost, \$.....  
SALINAS, Monterey Co., Calif.

One- and two-story concrete and frame warehouse building.

Owner—Associated Seed Co. Architect—Chas. E. Butner, 7 Winham St., Salinas.

Low Bidder—Albert Staton, 429 Front St., Salinas.

Three low bids follow:  
Albert Staton, Salinas.....\$17,950  
Hughes V. Hughes, Salinas.....18,250  
W. H. Moore, Salinas.....18,888  
Bids held under advisement.

Contract Awarded  
ADDITION Cost, \$7,500  
OAKLAND, Alameda Co., Cal. 5733 San Leandro St.

One-story addition to plant.

Owner—Continental Can Co., 5601 San Leandro St.

Plans by Engineering Department of Owner.

Contractor—The Austin Co., 1001 Ray Bldg.

March 17, 1937  
Plans Being Prepared  
WAREHOUSE Cost, \$.....  
FRESNO, Fresno Co., Calif. 920 M Street.

One-story brick and steel warehouse building (80 x 40 ft. frontage).

Owner—Ray Holbrook, Inc., 920 M St., Fresno.

Architect—W. D. Coates, Rowell Bldg., Fresno.

BIDS WANTED  
LIVERMORE, Alameda Co., Cal.—Until April 7, 3 P. M., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, San Francisco, under

Fetch Hetchy Water Supply Contract No. 167 for construction of Livermore warehouse.

Work includes clearing for site, except that existing barn on the site of the work will be removed by others prior to beginning of construction; excavation, and backfill for foundations and floor slab; one-story timber frame construction; corrugated metal covered warehouse on a concrete foundation.

Specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason Street.

**Additional Sub Contracts Awarded**  
**MFG. PLANT** Cost, \$150,000  
 SAN FRANCISCO. Steuart St., bet. Howard and Folsom Sts.  
 Two-story steel and concrete manufacturing plant for dry ice and carbonic gas; brick panel walls.  
 Owner—The Liquid Carbonic Pacific Corp., Ltd., 539 Mission St., San Francisco.

**Plans by Construction Department of Owner, Chicago Office.**

**Consulting Engineer—Leland Rosener, 238 Sansome St., San Francisco.**

**Mechanical Engineer—Liebermann & Hein, 190 North State Street, Chicago, Ill.**

**Contractor—L. C. Dunn, 424 Monadnock Bldg., Glass—Crowe Glass Co., 675 Golden Gate Ave.**

**Plumbing & Heating—J. H. Pinkerton Co., 927 Howard St.**

As previously reported:  
**Brick Work—White & Gloor, 448 Monadnock Bldg., San Francisco.**

**Steel and Fire Doors—Gleason Steel Products Co., 1319 53rd St., Oakland.**

**Steel Sash—Detroit Steel Products Co., 111 Sutter St., San Francisco.**

**Electric Work—G. H. Armstrong, 1388 Van Ness Avenue So., San Francisco.**

**Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.**

**Linoileum—Van Fleet & Co., 557 Howard St., San Francisco.**

**Additional Sub Contracts Awarded**  
**FREIGHT HOUSE** Cost, \$.....  
 SAN FRANCISCO. Spear Street and Bryant Street.

Three-story reinforced conc. freight house (137 x 137 feet), to be built on pile foundation.

**Owner—Santa Fe Ry. Co., Kerckhoff Bldg., Los Angeles.**

**Plans by Construction Department of Owner (M. C. Blanchard, chief engineer, Coast Lines).**  
**Contractor—Lindgren and Swinerton, 225 Bush Street.**

**Lathing and Plastering—Leonard Bosch, 167 Fifth Ave.**

**Metal Columns—Steeform Contracting Co., 688 Harrison St.**

**Plumbing & Heating—James H. Pinkerton Co., 927 Howard St.**

**Reinf. Steel & Mesh—Bethlehem Steel Co., 29th and Illinois Sts.**

All of San Francisco.  
 As previously reported:  
**Steel Windows—Trucon Steel Company, 604 Mission Street.**

**Excavations—Devincenzi & Haskins, 440 Anza Street.**

**Structural Steel—Herrick Iron Wks., 1729 Campbell St., Oakland.**

## 5—FLATS

**Sub-Bids Being Taken**  
**ALTER FLATS** Cost, \$5,000  
 SAN FRANCISCO. 241C Washington Street.

**Alter flats.**  
**Owner—Edward Klee.**  
**Manager of Const.—Cyril Doane, 760 Russ Bldg.**

Sub-bids are now being received by Mr. Doane on painting, plumbing, heating, plastering, lumber, mill, lighting fixtures, electric wiring, hardwood floors and tile work.

**Contract Awarded**  
**FLATS** Contr. Pr., \$15,486  
 SAN FRANCISCO. North Point St., 85 ft. west of Hyde St.

Two-story and basement frame flat building.

**Owner—T. B. and Thelma Toms.**  
**Architect—Albert Farr and J. Francis Ward, 68 Post St., San Francisco.**

**Contractor—Tony D'Amico, 2345 Polk St., San Francisco.**

**To Be Done By Day's Work**  
**FLAT'S** Cost, \$6,000  
 SAN FRANCISCO. Calif. N. Jefferson St., E Divisadero St.  
 Two-story frame and stucco flat building.  
**Owner & Builder—A. Inberg, 3924 20th St.**  
**Architect—Not Given.**

**To Be Done By Day's Work**  
**FLATS** Cost, \$6,000 each  
 SAN FRANCISCO. Calif. S. Turk, E of Parker Ave.

Two two-story frame and stucco flat buildings.  
**Owner & Builder—P. Shannon, 582 16th Ave.**  
**Architect—Not Given.**

## 6—GARAGES & SERVICE STATIONS

**Being Done by Day Work**  
**SERVICE STATION** Cost, \$10,000  
 SAN MATEO, Calif., Lot 13 & 14, Blk. 5, San Mateo Drive & Peninsula Street.  
 Gasoline service station.  
**Owner & Builder—Gilmore Oil Co.**  
 Plans by Engineering Department of Owner.

**Contract Awarded**  
**GARAGE** Cont. Pr., \$11,136  
 STOCKTON, San Joaquin Co., Calif.  
 One-story brick and concrete garage building (50x150 ft.).

**Owner—Withheld.**  
**Architect—J. U. Clowdsley, Exchange Bldg., Stockton.**

**Contractor—E. Merlo, Rt. 2, Box 232, Stockton.**

Complete bids follow:  
 E. Merlo, Stockton.....\$11,136  
 T. E. Williamson, Stockton.....11,391  
 John Hachman, Stockton.....11,400  
 O. H. Chain, Stockton.....11,950  
 B. T. Parsons, Stockton.....12,175

**Contract Awarded**  
**SERVICE STATION** Cost, \$6,000  
 OAKLAND, Alameda Co., Calif. 1001 14th St.

One-story steel service station.  
**Owner—The Texas Company, 19th Ave. and Dennison St.**

**Contractor—Fred J. Early, Jr., 316 40th St.**

**Contract Awarded**  
**GARAGE** Cont. Pr., \$10,538  
 FRESNO, Fresno Co., Calif. Corporation Yard, El Dorado and G Streets.

One-story reinforced concrete municipal garage (steel trusses, steel composition roof).

**Owner—City of Fresno.**  
 Plans prepared by the Fresno Department of Public Works.

**Contractor—Louis Hansen & Son, 934 Safford Ave., Fresno.**

**BIDS OPENED**  
**SERVICE STATION** Cost, \$25,000  
 BAKERSFIELD, Kern Co., Cal. 18th and Kern Streets.

One-story reinforced concrete asphalt service station and sales room (steel trusses, composition roof).

**Owner—A. H. Karpe, care Architect.**  
**Architect—Franklin & Kump, Haberfeld Bldg., Bakersfield.**

**Low Bidder—A. J. Hendricks, 613 19th St., Bakersfield.**

Complete bids follow:  
 A. J. Hendricks, Bakersfield \$39,895  
 F. A. Greenough, Bakersfield 40,000  
 Opperman & Co., Bakersfield 40,000

## 7—FEDERAL BUILDINGS

**BIDS OPENED**  
**MARE ISLAND, Cal.—San Francisco Elevator Co., Inc., 860 Folsom St., San Francisco, at \$780,800 submitted low bid to the Office of the Public Works Officer, U. S. Navy**

Yard, Mare Island, for remodeling electric elevator in west end of Bldg. 271, Spec. No. 824. Work consists of providing and installing a new gear and electric interlocks on car gate and existing hatchway gates and the conversion from car switch to double push button control of one electric freight elevator.  
 Only other bid submitted by Otis Elevator Company, San Francisco, at \$1,300.

Bids have been referred to Washington, D. C., for award.

**BIDS OPENED**  
**POST OFFICE** Cost, \$.....  
 ANACORTES, Washington.  
 United States Post Office Bldg.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Low Bidder—T. D. MacNeil, Mt. Vernon, Wash.—\$83,200.**

Complete bids follow:  
 T. D. MacNeil, Mt. Vernon.....\$83,200  
 A. S. Hansen, Seattle.....83,790  
 Western Const. Co., Seattle.....84,673  
 Howard S. Wright Co., Inc., Seattle.....86,766

**Chisom & Salene, Bellingham, Wash.....87,000**

**Sound Constr. & Eng. Co., Seattle.....87,624**

**A. R. Elliott, Palsen, Mont.....87,975**

**Herrickson-Alstrom Co., Inc., Seattle.....94,600**

**Harry Bower Sons & Co., Olympia, Wash.....95,950**

**BIDS WANTED**  
**RENO, Nevada.—Until May 4, 1:30 p. m.**

bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for the construction of a hospital building story and basement, reinforced concrete structure, providing 27 beds, and will cost approximately \$100,000.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow concrete units, hollow building brick work, cast stone, slate stair treads, marble work, terrazzo, floor and wall tiling, compressed asphalt tile, waterproofing, metal-work, steel stairs, metal window equipment, steel cabinets, painting, glazing, hardware, plumbing (including boiler plant and equipment), electrical work, electric elevators, outside service connections, etc.

Separate bids will be received for general construction (including plumbing, heating and electrical work) and electric elevator.

**Contract Awarded**  
**SEATTLE, Wash.—A. F. Mowat, 708, 1321 Third Ave. Bldg., Seattle, at \$77,760, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Post Office, University Station, at Seattle.**

Bids were opened February 25.

Complete bids published March 1.

**BIDS OPENED**  
**SEBASTOPOL, Sonoma Co., Calif.—Emberlin Metal Weatherstrip Co., Detroit, Mich., at \$375, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for metal screens on the U. S. Post Office at Sebastopol.**

Only other bids submitted were:

Ceco Weatherstrip & Screen Co., Chicago, Ill.....\$360

The Robbins Mfg. Co., Chicago, Ill.....419

**CONTRACT AWARDED**

ORANGE, Calif.—Robert A. West, 800 N. Michigan Ave., Pasadena, at \$180, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. Post Office in Orange.

**BIDS OPENED**

SAN PEDRO, Los Angeles Co., Cal.—English & Lauer Co., 309 12th St., Los Angeles, at \$33,300, lowest bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for acoustical treatment in the Post Office and Courthouse at San Pedro.

Only other bids submitted follow:  
The Harol E. Shugart Co., L. A. \$378  
Acoustical Engr. Co., L. A. \_\_\_\_\_ 442

**Sub-Contracts Awarded****HEADQUARTERS BUILDING**

Contract Price, \$111,307  
SACRAMENTO COUNTY, Calif.  
Two-story reinforced concrete and steel headquarters building, Spec. No. 313-E (140x145-feet) marble rotunda with terrazzo floors, built-up roofing, asphalt and tile floors; and two-story reinforced concrete and steel fire and guard-house building, Spec. No. 312-E (main portion 60x49-ft., with annex 24 ft. 9 in. x 25 ft.) built-up roof of 5-ply asphalt, asphalt, quarry and ceramic tile floors, flat roof, plaster walls and ceiling.

Owner—U. S. Government (Maj. Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by office of the Qm. General, Construction Division, Washington, D. C.

Contractor—Azevedo Const. Co., 920 St. Sacramento.

Windows—Soule Steel Co., 1750 Army St., San Francisco.

Reinforcing Steel—Concrete Engr. Co., 1280 Indiana St., San Francisco.

Terrazzo—California Terrazzo Marble Co., 2085 San Bruno Avenue, San Francisco.

Jams—Forderer Cornice Wks., 269 Potrero Ave., San Francisco.

**PLANS ON FILE**

LOS ANGELES, Calif.—A set of plans and copy of specifications for additions to Kitchen Bldg. No. 163, Veterans' Administration Facility, Los Angeles, for which bids will be opened April 6, 1:30 P. M., are on file at the office of the DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Separate bids will be received for (I) General Construction, including Plumbing, Heating and Electrical Work; (II) Electric Elevators; and (III) Refrigerating and Ice Making Plant.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, cast stone, enameled wall blocks, slate stair treads, terrazzo, floor tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets, shelving and partitions, steel sash, built-up roofing, ventilators, skylights, metal lathing, plastering, carpentry, acoustical treatment, insulation, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, electric elevator, refrigerating and electric dumbwaiter, refrigerating and ice-making plant, etc.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

**BIDS WANTED**

MONTEBELLO, Los Angeles Co., Cal.—Until April 6, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting the plaster in the U. S. P. O. at Montebello.

Specifications may be obtained from the above office and from the Custodian of the Building at Montebello.

**CONTRACT AWARDED**

WENATCHEE, Wash.—Henry J. Green, 1459 Harvard, N.W., Washington, D. C., at \$55, awarded contract by the Treasury Department, Washington, D. C., for plaster models for the U. S. post office at Wenatchee.

**BIDS WANTED**

RENO, Nev.—Until May 4, 1:30 P. M., bids will be received by the Veterans Administration, 764 Arlington Building, Washington, D. C., for the construction of a hospital building in Reno. It will be a two-story and basement, reinforced concrete structure, providing 27 beds, and will cost approximately \$100,000. Plans may be obtained from Washington, or from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto. No deposit required.

**BIDS WANTED**

POINT ARGUELLO, Arlight, Santa Barbara Co., Calif.—Until March 30, 11 a. m., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8299, for new foundations for tanks and repairs to Quarters "b" at the Radio Direction Finder Station, Point Arguello. Work consists of furnishing and installing new concrete and timber foundations for four existing wood stave water tanks and the moving of tanks from the old to the new foundations; also the furnishing and installing of a new slate surfaced asphalt shingle roof covering on an existing double quarters, Building "B," also the furnishing and installing of new weather stripping on exterior doors and windows of quarters "B" and the furnishing and installing of two oil-burning heaters in quarters "B."

Drawings and specifications may be obtained from the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks.

**BIDS WANTED**

POINT ARGUELLO, Arlight, Santa Barbara Co., Calif.—Until March 30, 11 a. m., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8301, for exterior painting of Direction Buildings at the Radio Direction Finder Station, Point Arguello.

Work consists of provision of materials and exterior painting of the separate buildings located at the Radio Direction Finder Station and two small buildings and one steel windmill tower located a mile and one-half from the Station at Point Arguello.

Drawings and specifications may be obtained from the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks.

Sub Contract Awarded  
REVISIONS Cost, \$110,190  
SAN FRANCISCO, Calif. 316,100

with and Fulton Sts.  
Revisions to the 1st, 2nd, 4th, 5th and attic floors of the Federal Office Bldg.

Owner—U. S. Government.  
Supervising Architect—Treasury Dept., Washington, D. C.  
Contractor—Anderson & Rowe, 45 Belcher St., San Francisco.  
Plastering—M. J. King, 231 Franklin St.

**BIDS WANTED**

SAN FRANCISCO.—Until March 30, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for tear gas installation at the U. S. Mint at San Francisco. Specifications obtainable from the above office.

**Bids Wanted — To Close April 22,**

1 P. M.

ADDITION Est. Cost, \$100,000  
SACRAMENTO, Calif. U. S. Federal Building

Two-story reinforced concrete top addition (20,000 sq. ft.) to the U. S. Federal Bldg.

Owner—U. S. Government.  
Architect—Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the above office. No deposit required.

**Contract Awarded**

LOS ANGELES, Calif.—Robert E. McKee, Central Bldg., Los Angeles, at \$22,300, was awarded the general contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for the construction of four barracks buildings at the Veterans' Administration Facility, Los Angeles.

The contract includes (1) male domiciliary barracks buildings Nos. 212 and 213, \$124,300; (2) male domiciliary barracks building No. 215, \$193,000; (3) male domiciliary barracks building No. 214, \$192,000; (4) service road to barracks Nos. 212 and 213, \$13,000. The female domiciliary barracks building has been omitted for the present. The bids were opened February 23. The work will include roads, walks, grading and drainage, excavation, reinforced concrete, cut stone, slate stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets and shelving, tile and built-up roofing, metal studs, metal lath, plastering, carpentry, acoustical treatment, insulation, screens, window shades, painting, glazing, hardware.

**Bids Wanted — To Close April 22,**

1 P. M.

ADDITION Est. Cost, \$245,000  
SACRAMENTO, Calif. U. S. Post Office, Courthouse, Etc.

Two-story reinforced concrete top addition (20,000 sq. ft.) to the U. S. Post Office, Courthouse, Etc.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the above office. No deposit required.

It was previously reported in error that the estimated cost of this work was \$100,000.

**CONTRACTS AWARDED**

LOS ANGELES—H. H. Walker, 1323 Venice Blvd., Los Angeles, at \$159,588, awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., under Spec. No. 1134, for plumbing, heating and electrical work, on additional buildings and utilities at the Veterans' Administration Facility, Los Angeles. Ochs Electric Company, Washington, D. C., at \$55,420, awarded con-

tract for electric elevators. Bids were opened February 23.

As previously reported, Robert E. McKee, Central Bldg., Los Angeles, at \$522,300, was awarded the general contract, which includes (1) male domiciliary barracks buildings Nos. 212 and 213, \$424,300; (1a) Male domiciliary barracks building No. 215, \$193,000; (1b) male domiciliary barracks building No. 214, \$192,000; (d) service road to barracks Nos. 212 and 213, \$13,000. The female domiciliary barracks building has been omitted for the present.

## 8— CLUB BUILDINGS

Plans Being Figured—Closing Date Not Set.

MASONIC TEMPLE Cost, \$200,000  
FRESNO, Fresno Co., Calif. Stanislaus and L Streets.

Two - story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwall and acoustical plaster, hardwood interior trim, etc.) sash, wood block floors, linoleum floor covering, tile wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.

Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg 320 Market St., San Francisco.

Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.

Bids will be taken on the following segregations:

- (1) General Work;
- (2) Mechanical Work;
- (3) Electrical Work.

Following contractors will figure the plans:

### General Work

Fisher & McNulty, 327 Cory Bldg., Fresno.

Harris Const. Co., 577 McKinley Ave., Fresno.

Midstate Const. Co., 245 Clinton Ave., Fresno.

W. J. Ochs, Helm Bldg., Fresno.

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

W. C. Thornally, 2659 Webster St., Oakland.

### Mechanical Work

B. A. Newman Co., 320 North H St.

Errett-Hicks Co., 1027 Broadway, Fresno.

Frank Hudson, 2141 So. Van Ness, P. O. Box 254, Fresno.

### Electrical Work

(Plans not ready).

5815 Peladeau St.  
Additions to assembly plant.  
Owner—Westinghouse Electric & Mfg. Company.  
Plans by Engineering Department of Owner.  
Manager of Construction—P. J. Walker Co., Sharon Bldg., San Francisco.

Contract Awarded  
ADDITION TO PLANT Cost, \$200,000  
EMERYVILLE, Alameda Co., Calif.  
5815 Peladeau St.

Addition to plant (200x400 ft.), welded steel frame, composition roofing, smooth roof construction, 25,000 sq. ft. of steel sash, concrete walls to sill line, concrete floors, glazing, revision of railroad trackage, one 5-ton and one 10-ton crane. Painting to be let later.

Owner—Westinghouse Electric & Mfg. Co.

Plans by Engineering Department of Owner.

Manager of Construction—P. J. Walker Co., Sharon Bldg., San Francisco.

Construction will start in two weeks.

Additional extensions are planned for the future.

## TO ASK BIDS SHORTLY

MODOC & LASSEN COS., Calif., and LAKE CO., Oregon—Chief Engineer Allan Sickler of the Surprise Valley Electrification Cooperative, Alturas, has announced that field surveys are now being made preliminary to preparing plans and specifications for construction of about 350 miles of 12,500-volt distribution line. A diesel-electric power plant to be constructed near Alturas will be substituted for the hydro-electric plant originally planned.

Bids probably will be called in about six weeks. It is planned to let two contracts: one for the diesel-electric power plant, and one for the transmission lines.

The Rural Electrification Administration has allotted funds totaling \$500,000 to finance construction. The Cooperative will supply electricity to the rural areas in Modoc and Lassen Counties, California, and Lake County, Oregon.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

### BIDS WANTED

SAN FRANCISCO.—Until Mar. 21, 12 M. bids will be received by the Park Commissioners, B. P. Lamb, Secretary, Park Lodge, Fell and Stanyan Streets, Golden Gate Park for alterations and additions to Park Lodge, a two-story and basement L-shaped structure.

Work includes remodeling the attic floor (65 x 35 ft.) to form offices, and alterations to the first floor, involving glass partitions, plumbing fixtures, electrical fixtures, tile roofing, dormer windows, linoleum flooring, etc.

Plans and specifications obtainable from the office of the Engineering Department, T. M. Grabow, Park Lodge, Golden Gate Park.

### Completing Working Drawings

CENTRAL EXPOSITION TOWER  
Cost, \$—

YERBA BUENA SHOALS, Site of the 1929 World's Fair.

Central Exposition Tower, approximately 400 ft high with a 70-ft diameter base diameter, structural steel frame, concrete foundation, piling, wood furring, and wood sheathing

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler,

President), 585 Bush St., San Francisco.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.

Bids will be asked within a week.

## CONTRACT AWARDED

YUMA, Ariz.—P. W. Womack, 1006 W Roosevelt St., Phoenix, awarded contract by the Yuma county supervisors at \$31,900 for construction of a one-story county hospital building a Yuma FWA project. Architects Leacher & Mahoney, 1100 Title and Trust Bldg., Phoenix.

Proposed  
AUDITORIUM Cost, \$500,000  
SAN MATEO, San Mateo Co., Calif. County civic auditorium (War Memorial Building).

Owner—County of San Mateo. Architect—Not Selected.

It is proposed that the construction of the civic auditorium be financed by federal funds, state appropriations allotted to the San Mateo Fiesta for building outlay, and county taxation.

Preparing Preliminary Sketches  
ADDITION Cost, \$10,000  
PACIFIC GROVE, Monterey County. Addition of new wing to the city library building.

Owner—City of Pacific Grove (Erwin Dames, city manager).

Architect—C. J. Ryland, Carmel and Monterey.

Mr. Ryland has been commissioned to prepare preliminary sketches for submission to the PWA with application for a grant of Federal funds.

Bids Wanted — To Close March 27, 10 A. M.

FURNITURE, ETC. Cost, \$56,674  
EUREKA, Humboldt Co., Calif.

Items of construction, furnishing and equipment for the Eureka Municipal Auditorium.

Owner—City of Eureka (A. Walter Kildale, city clerk).

Architect—Frank T. Georgeon, 537 G St., Eureka.

Bids will be taken under the following contract classifications:

Acoustical Board (Item Three)..... 21

Balcony Seating (Item One)..... 29

Exterior Painting, Winship Bldg. (Item Ten)..... 49

Public Address System (Item Nine)..... 48

Seating Equipment (Item Two)..... 30

Stage Lighting (Item Eight)..... 46

Stage Rigging & Equipment (Item Six)..... 40

Stage Switchboard (Item Seven)..... 44

Stucco Finish, Auditorium (Item Twelve)..... 51

Stucco Finish, Winship Bldg. (Item Eleven)..... 50

Winship Boiler (Item Four)..... 32

Winship Building (Item Five)..... 38

Orchestra Pit (Item Thirteen)..... 54

Plans and specifications may be obtained from the office of the Architect.

Bids will be received at the office of the City Clerk, A. Walter Kildale, City Hall, Eureka.

Sub Contracts Awarded  
ALTERATIONS Cost, Fr., \$12,000

STOCKTON, San Joaquin Co., Calif. Remodeling and enlarging offices in courthouse building (new partitions, cabinetry additions, electrical connections, plumbing, patching floors, etc.).

Owner—County of San Joaquin (Eugene D. Graham, County Clerk). Architect—Eric W. Johnson, 41 S. Sutter St., Stockton.

Contractor—George Roek, 830 N. Pacific Ave., P. O. Box 783, Stockton.

Electric Wiring—Hild Electric Co., 125 W. Main St.

**Plumbing & Heating**—W. T. Gibson Co., 123 S. Grant St.  
**Lumber & Mill Work**—Electric Planing Mill, 545 S. Monroe St.  
**Hardware**—Austin Bros., 544 E. Main St.  
**Painting**—J. F. Ecker, 17 W. Poplar St.  
**Steel Furniture**—J. F. Davison Co., 670 Lexington Ave., L. A.  
**Linoleum**—Clean Hardwood Floor Co., 37 S. Sutter St.  
 All of Stockton unless otherwise noted.

**Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$50,000  
 FRESNO, Fresno Co., Calif.  
 Remodeling and rehabilitation of 3-story reinforced brick and concrete courthouse (hollow tile partitions, composition roofing, metal lath and acoustical plaster, interior tile, painting, plumbing metal stall partitions, fire escapes, radiators, linoleum floor covering).  
 Owner—County of Fresno (E. Dusenberry, county clerk).

**Architect**—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. W. Kemp, Fred Swartz and E. O. Petersen), H. Rafael Lake, Supervising Architect.  
 As previously reported:

**General Work**—T. C. Irwin, 908 Mildreda, Fresno, \$38,290.  
**Electrical**—Wessell Electric Co., Rt. 2, Box 173, Fresno, \$4,352.

**Masonry**—J. M. Brown, 1837 Merced St., Fresno.

**Plastering**—W. E. Smart, 3520 Illinois St., Fresno.

**Painting**—M. W. Hancock, 2625 Tholumne St., Fresno.

**Plumbing & Heating**—B. A. Newman Co., 320 North H St., Fresno.  
 Fresno Planning Mill Co., H and Monterey, Fresno.

**Reinforcing & Structural Steel**—Kyle & Co., 346 G St., Fresno.

**BOND ELECTION PLANNED**  
**DAILY CITY, San Mateo Co., Cal.**—Daily City is planning to vote bonds before June 1, in the amount of \$5,000, proceeds to help finance construction of a new city hall and library, a playground in the Crocker tract, development of the Vista Grande Park, and extension of city water mains and fire alarm system to the Colma district.  
 Balance of the required \$150,000 will be sought in PWA grants.

**TO ASK BIDS SHORTLY**  
**SAN PEDRO, Los Angeles Co., Calif.**—Procurement Division, Public Buildings Branch, Washington, D. C. will call for bids shortly for completing the Federal Jail now under construction on Reservation Point, San Pedro. The work will include the vocational shop building, partitions and fixtures on second floor of laundry building, Sally ports Nos. 1 and 2 and workshop storage warehouse, partitions and fixtures on the second floor of auditorium and partitions and fixtures in guards' quarters. The work, which was omitted from the original contract awarded to Robt. E. McKee last August, will cover over \$100,000.

**14—RESIDENCES**

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$11,535  
**PETALUMA, Sonoma Co., Calif.**  
 Frame residence.  
**Owner**—Mr. and Mrs. D. E. Davis, Petaluma.  
**Architect**—Albert Farr and J. Francis Ward, 68 Post St., San Francisco.

**Contractor**—J. P. Christensen, Forestville.  
**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO, W. 17th Ave., 125 ft. S. Moraga St.**  
 One-story and basement frame and stucco residence.  
**Owner & Builder**—William Roth, 578 19th Ave.  
**Architect**—Not Given.

**Preparing Plans**  
**RESIDENCE** Cost, \$17,000  
**RENO, Nevada, Plumas Ave.**  
 Two-story frame and stucco residence (9 rooms, 2 baths), complete insulation throughout, air conditioning system, asbestos shingle roof, tile baths, etc.  
**Owner**—Charles Rennie.  
**Architect**—Frederick W. Quandt, 401 Phelan Bldg., San Francisco.  
 General figures will be asked in about three weeks.

**Plans Being Completed**  
**RESIDENCE** Cost, \$12,000  
**SAN RAFAEL HIGHLANDS, Marin Co., Calif.**  
 One-story gravelite concrete residence (concrete floors with asphaltic tile covering, Watrola air conditioning, two tile baths, roofing probably of shingle tile).  
**Owner**—F. C. Dougherty.  
**Architect**—Mark Daniels, 101 Post St., San Francisco.

**Bids In—Under Advertisment**  
**SOBORITY HOUSE** Cost, \$40,000  
**BERKELEY, Alameda Co., Calif., Warring, near Dwight Way.**  
 Two-story frame and stucco sorority house (18 rooms, hardwood flrs., tile roof, air conditioning, tile baths and showers, etc).  
**Owner**—Kappa Delta, 2461 Warring, Berkeley.  
**Architect**—Edwin Lewis Snyder, 2104 Addison St., Berkeley.  
 Announcement will be made shortly.

**Plans Being Completed—Owner Will Take Figures**  
**RESIDENCE** Cost, \$3,000  
**ARLINGTON, California, nr. Berkeley.**  
 One-story frame and rustle residence (5 rooms), shake roof, wood sash, two floor furnaces, hardwood floors, tile bath, etc.  
**Owner**—E. Grover, 2443 Hilgard Ave., Berkeley.  
**Architect**—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO, Calif. Marietta St. and Evelyn Way.**  
 Five one-story and basement frame and stucco residences.  
**Owner & Builder**—Meyer Bros., 735 Portola Drive.  
**Architect**—Not Given.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$20,000  
**OAKLAND, Alameda County, Calif. Hampton Highlands.**  
 Two-story frame and stucco residence (16 rooms, five baths, tile roof, hardwood floors, tile baths).  
**Owner**—Withheld.  
**Architect**—Ray Keefer, 585 Mandana Blvd., Oakland.  
 Bids will be asked in about two weeks.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO, W. Tenth Ave., 57 S. Pacheco St.**  
 One-story and basement frame and stucco residence.  
**Owner & Builder**—Lee Nix, 4127 Kirkham Street.  
**Architect**—Vincent Bucklev, 525 Market Street.

**Contract Awarded**  
**RESIDENCE** Cost, \$4,500  
**SAN FRANCISCO, S. Kirkham St., 162 W. 15th Ave.**  
 One-story and basement frame and stucco residence.  
**Owner**—H. J. Daniels, 1501 15th Ave.  
**Architect**—C. O. Clausen, 746 46th Avenue.  
**Contractor**—Robt. G. Black, 1935 Cabrillo Street.

**Contract Awarded**  
**SOBORITY HOUSE** Cost, \$50,000  
**BERKELEY, Alameda Co., Cal. 2732 Channing Way.**  
 Three-story frame and stucco sorority house (32 rooms).  
**Owner**—Gamma Phi Beta Hall Assn.  
**Architect**—W. W. Wurster, 260 California St., San Francisco.  
**Contractor**—S. J. Bertelsen, 30 E. Trelda Ave., Piedmont.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO, Visitation Valley.**  
 One-story frame and stucco residence (6 rooms) hardwood floors, tile bath, Pacbo roof, automatic gas heating system, etc.  
**Owner**—Withheld.  
**Architect**—A. H. Larsen, 333 Kearny St., San Francisco.  
**Contractor**—The Ruegg Co., 309 Pine Street.

**Preparing Preliminary Plans**  
**RANCH HOUSE** Cost, \$15,000  
**GRIDLEY, Butte Co., Calif.**  
 Frame and stucco ranch house (10 rooms, 2 baths) Spanish tile roof, air conditioning system, hardwood floors, tile baths, garages.  
**Owner**—Withheld.  
**Architect**—A. H. Larsen, 333 Kearny St., San Francisco.

**Contract Awarded**  
**ADDITION** Cost, \$4,700  
**SAN FRANCISCO, 2945 Ocean Ave.**  
 Addition to residence of social hall and maid's quarters.  
**Owner**—Mr. Cohn, care architect.  
**Architect**—Charles E. Strothoff, 2274 Fifteenth Street.  
**Contractor**—T. I. Strand, 300 Buchanan Street.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$7,400  
**SALINAS, Monterey Co., Calif.**  
 One-story frame and siding residence (6 rooms, 1 bath, tile bath, shingle roof, hardwood floors, central hot air heating system, steel sash).  
**Owner**—Dr. Daughters.  
**Architect**—Chas. E. Butler, 7 Winham St., Salinas.  
**Contractor**—O. M. Hansen, 81 West St., Salinas.

**Plans Being Prepared**  
**RESIDENCE** Cost, \$8,000  
**FRESNO, Fresno Co., Calif.**  
 One-story frame and stucco residence (7 rooms, 2 baths, play room), heavy shake roof, French windows, sliding disappearing screens, hardwood floors, tile baths and showers, etc.  
**Owner**—Withheld.  
**Architect**—Milton Latham, Carmel.  
 Plans will be completed in about two weeks.

**PLANS BEING FIGURED**  
**HOLMBY HILLS, Los Angeles Co., Calif.** Architects Plummer, Wurdeinan & Becket, 1400 Pacific Finance Bldg., 621 S. Hope St., Los Angeles, are taking bids from a selected list of builders for a New England farm house type residence (17 rooms, 8 baths) to be built in Holmbly Hills for Robert Montgomery. It will be of frame construction with stone and drop siding exterior, shingle roofing, hardwood, pine and linoleum-covered floors, tiled bathrooms, west wch,

forced air unit heating system, brick chimneys, integral four-car garage with overhead doors, etc. Estimated cost, \$36,000

**To Be Done By Day's Work**  
RESIDENCES Cost, \$3,600 each  
SAN FRANCISCO, Calif. E. Holladay, N of Eve St

Three one-story and basement frame and stucco residences.  
Owner—J. B. Williams, care Contractor  
Architect—Not Given.  
Contractor—Williams Constr. Co., 137 Shakespear St.

**Owner Taking Sub Bids**  
RESIDENCE Cost, \$4,000  
HAYWARD, Alameda Co., Calif.

One-story frame and wood siding residence (5 rooms), hardwood floors, tile bath, shake roof, two floor furnaces, etc.  
Owner and Builder—O. Tauscheck, 2185 Royal Ave., Hayward (Hayward 561).  
Architect—Not Given.

**Contract Awarded** .....  
RESIDENCE Cost, \$9,000  
BURLINGAME HILLS, San Mateo Co., Calif. Lot 6, Blk 2, Hillside.

Two-story frame and stucco residence.  
Owner—J. H. Dobbin, 141 San Juan Ave., San Bruno.  
Architect—Not Given.  
Contractor—J. P. Sechser, 1124 El Camino Real, Burlingame.

**Contract Awarded**  
RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Calif. 90 Sonia St.

Two-story frame and stucco residence (6 rooms).  
Owner—R. C. Pratt, 2201 Pacific Avenue, San Francisco.  
Architect—Not Given.  
Contractor—John S. Flagg, 3387 Marconi Ave., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$11,500  
BERKELEY, Alameda Co., Cal. 2470 Cedar St.

Two-story frame and stucco residence (8 rooms).  
Owner—M. R. Benedict, 2340 Vine St.  
Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.  
Contractor—F. L. Crane, 1569 Spruce St., Berkeley.

**Contract Awarded**  
RESIDENCE Cost, \$7,200  
RICHMOND, Contra Costa Co., Calif. Mira Vista District.

One-story frame and stucco residence (5 rooms), asphalt shingle roof, central heating plant, hardwood floors, tile bath, wood sash, etc.  
Owner—Name Withheld  
Plans by firm of Narbett & Brown (L. Brown, Architect), 462 31st St., Richmond.  
Contractor—C. Norgrove, 2220 Roosevelt Ave., Berkeley.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$.....  
BELMONT, San Mateo Co., Calif.

One-story frame and stucco residence (5 rooms, 1 bath) shingle roof, hardwood floors, tile baths, oil burning furnace, etc.  
Owner—Mrs. Ross  
Architect—Vincent Raney, 233 Post St., San Francisco.  
Announcement shortly.

**Contract Awarded**  
RESIDENCE Cost, \$10,500  
SAN MATEO, Calif., Lot 15, Blk. 11, Harvard Street.  
Two-story frame and stucco residence

Owner—P. Hotchkiss, 1808 Sanchez Street, Burlingame.  
Architect—Not Given.  
Contractor—Oscar L. Cavanagh, 432 Occidental St., San Mateo.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
SACRAMENTO, Calif., 27th St., bet. N and O Streets.

One-story frame residence (6 rooms) bevel siding exterior, hardwood floors, tile baths, etc.  
Owner—Name withheld.  
Architect—Francis E. Lloyd 360 Pine St., San Francisco.  
Contractor—Jul Johnson & Son, 1923 17th St., Sacto.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
OAKLAND, Ala. Co., Claremont Circle, Sonia St.

Two-story frame and stucco residence (7 rooms), tile roof, tile bath, central gas heating system, etc.  
Owner—Dr. C. S. Gardner.  
Plans by P. V. Tuttle, 3718 Grand Ave., Oakland.  
Contractor—Henry Arnold, 816 Oak St., Alameda.

**Contract Awarded**  
RESIDENCE Cost, \$6,700  
LOS ALTOS, Santa Clara Co.

One-story adobe residence (5 rooms, 1 bath) shake roof, oak plank floors, oil burning furnace and water heater.  
Owner—Mr. Carr.  
Architect—Edward W. Kreas, 402 First National Bank Bldg., San Jose.  
Contractor—Wm. Schwartz, 521 So. Eighth St., San Jose.

**Plans Being Prepared**  
RESIDENCE Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
Two-story frame residence (6 rooms), wood shingle roof, wood sash, gas furnace, hardwood and linoleum floors.

Owner—Withheld.  
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.  
Bids will be asked in about one week.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Francisco Hgts., Beaumont Ave., near Turk St.

1½-story frame and stucco residence (6 rooms, 2 baths), composition roof, General Electric air conditioning system, hardwood floors, tile baths, etc.  
Owner—George Ferroggiaro, care architect.  
Architect—Harold G. Stoner, 35 Vineland St.

Plans were figured by the following selected list of contractors:  
J. Prout, 2530 Fillmore Street.  
Joel Johnson & Son, 1614 Church.  
C. Lindberg, 1 Naylor St.  
Announcement shortly.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO, W. 16th Ave., S of Moraga St.

Sixteen one-story frame and stucco residences.  
Owner & Builder—Henry Doelger Builder, Inc., 320 Judah St.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, W. 7th Ave. S. Kirkham St.

Six 1-story frame and stucco residences.  
Owner and Builder—Michael Costello 527 34th Ave.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$18,020  
PIEDMONT, Alameda Co., Cal. Lot 2903 Piedmont Pines.  
Residence.  
Owner—Alf. M. Mueller, 696 Cleveland St., Oakland.  
Architect—Chester Treichel, 4150 Emerald St., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
OAKLAND, Alameda Co., Calif. 5572 LaPuerta St.

Two-story frame and stucco residence (6 rooms).  
Owner—Wiliart Realty Co., 1723 Franklin St.  
Architect—E. R. MacDonald, 3812 Broadway.  
Contractor—White & Pollard, 1723 Franklin St.

**Preparing Working Drawings**  
RESIDENCE Cost, \$14,000  
OAKLAND, Alameda County, Calif. Claremont Pines.

Two-story frame and stucco residence (9 rooms, 4 baths), shingle roof, hot air gas fired heating system, hardwood floors, linoleum baths, tile showers, etc.  
Owner—Name withheld.  
Architect—Williams & Wastell, 337 17th St., Oakland.

**Completing Working Drawings**  
RESIDENCE Cost, \$6,500  
BERKELEY, Alameda Co., Calif. Berkeley Highlands.

One-story frame and wood siding residence (5 rooms), gas fired, hot air heating system, shingle roof, hardwood floors, tile bath, etc.

Owner—Otto Enz, care Architect.  
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.  
General bids will be asked in one week.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$.....  
MARTINEZ, Contra Costa Co., Calif.

Two-story frame and stucco residence (6 rooms), gas warm air heating system, shingle roof, hardwood floors, etc.  
Owner—C. Freburger, care Architect.  
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley. (1732)

**Low Bidder**  
RESIDENCE Cost, \$9000  
MODESTO, Stanislaus Co., Calif.

Two-story Monterey style residence (10 rooms, 3 baths), heavy shake roof, hardwood floors, oil burning hot air heating system, steel and wood sash, etc.  
Owner—John Beard.  
Architect—G. N. Hilburn, 1213 1 St., Modesto.

**Low Bidder—M. O. Ward, Rt. 1, Box 541, Modesto.**

**Bids In—Under Advertisment**  
RESIDENCE Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.

One-story frame and stucco residence (6 rooms, 2 baths), tile floors and base in baths, steel sash, shingle roof, stucco exterior, floor furnace, hardwood plank floors, etc.  
Owner—Fred Seelley.  
Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

Bids were received from a selected list of contractors. Announcement will be made shortly.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, Calif. E. Alvario, S. Urbano Dr.

One-story frame and stucco residence.  
Owner—Thomas J. Bass, 944 Phelan Bldg.

Architect—Martin Rist, Phelan Bldg.  
Contractor—Mager Bros. & Sons, 1359  
4th Ave.

**CONTRACT AWARDED**

TRONA, San Bernardino Co., Calif.—  
L. E. Dixon Co., 609 S. Grand Ave.,  
Los Angeles, awarded contract for a  
one-story frame recreation building  
and a group of residences to be built  
at Trona for the American Potash &  
Chemical Corp.—Louis Dorr and  
Dwight Gibbs, 906 Architects' Bldg.,  
Los Angeles, architects. Cost, \$100,  
000.

**Contract Awarded**

RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co.,  
Calif. Bridge Road.

Two-story frame and stucco residence  
(hardwood floors, tile  
baths, etc.)

Owner—T. A. Maas, c/o Bothin Real  
Estate Co., 604 Mission St., San  
Francisco.

Architect—Angus McSweeney, 604  
Mission St., San Francisco.

Contractor—A. F. Mattock Co., 212  
Clara St., San Francisco.

**Contract Awarded**

RESIDENCE Cost, \$7,000  
OAKLAND, Alameda Co., Cal. Clare-  
mont Circle.

Two-story frame and stucco resi-  
dence (7 rooms, 2 baths) shake  
roof, hardwood floors, tile baths,  
gas fired hot air furnace; Colonial  
style.

Owner—H. C. Stover.  
Architect—Earl MacDonald, 3812  
Broadway, Oakland.

Contractor—Boyce & Maede, 340 9th  
St., Oakland.

**To Be Done By Day's Work**

RESIDENCES Cost, \$4,500 each  
SAN FRANCISCO, S Turk Street  
E of Roselyn Way.

Six one-story and basement frame  
and stucco residences.

Owner and Builder—Oliver M. Rous-  
seau, 321 Kearny Street.  
Architect—Wm. Gunnison, 1666 Gold-  
en Gate Ave.

**Complete Bids**

RESIDENCE Cost, \$.....  
SAN FRANCISCO, Francisc Heights,  
Beaumont Ave., near Turk St.

1½-story frame and stucco residence  
(6 rooms, 2 baths), composition  
roof, General Electric air condi-  
tioning system, hardwood floors,  
tile baths, etc.

Owner—George Ferroggiaro, care ar-  
chitect.

Architect—Harold G. Stoner, 35 Vin-  
cente St.

Low Bidder—J. Prout, 2530 Fillmore  
St.—\$14,790.

Complete bids follow:  
J. Prout .....\$14,790  
C. Lindberg .....14,990  
Joel Johnson .....15,428

All of San Francisco.  
Bids have been taken under adver-  
tisement by the owner and announce-  
ment will be made at the end of this  
week.

**Contract Awarded**

RESIDENCE Cost, \$8,500  
PALO ALTO, Santa Clara Co., Calif.  
2988 South Court.

One-story frame and stucco and  
brick veneer residence and gar-  
age.

Owner & Builder—Floyd T. Bridges,  
654 Oberlin St., Palo Alto.  
Architect—Not Given.

**Contract Awarded**

RESIDENCE Cost, \$14,500  
PALO ALTO, Santa Clara Co., Calif.  
Two-story frame and stucco resi-  
dence and garage.

Owner—F. E. Johnstone, Center St.,  
Palo Alto.  
Architect—Not Given.

Contractor—Peterson & Frykman, 197  
Willow Road, Palo Alto.

**Owner Taking Figures**

RESIDENCE Cost, \$3,500  
OAKLAND, Alameda Co., Cal. 3061  
Wisconsin St.

One-story frame and rustic resi-  
dence (4 rooms), shingle roof,  
wood sash, hardwood floors, tile  
bath, etc.

Owner—Louis Leithman, 1787 Cas-  
terline St., Oakland.  
Architect—Not Given.

Owner is now taking figures.

**Contract Awarded**

RESIDENCE Cost, \$7,500  
PIEDMONT, Alameda Co., Calif. 165  
Ball Ave.

Two-story frame and stucco resi-  
dence (8 rooms).

Owner—J. P. Price, 340 Warwick  
Avenue.  
Architect—Not Given.

Contractor—H. E. Williams, 839  
Creed Road, Oakland.

**Plans Being Completed**

RESIDENCE Cost, \$8,000  
STOCKTON, San Joaquin Co., Calif.

One-story duplex residence (two 4-  
room and bath apartments), wood  
siding, shingle roof, hardwood  
floors, gas floor furnaces, wood  
sash, etc.

Owner—Withheld.  
Architect—Joseph Losekann, 1218 W.  
Harding St., Stockton.

Bids will be asked in about ten  
days.

**Bids Rejected**

RESIDENCE Cost, \$.....  
BELMONT, San Mateo Co., Calif.

One-story frame and stucco resi-  
dence (5 rooms, 1 bath), shingle  
roof, hardwood floors, tile baths,  
oil burning furnace, etc.

Owner—Mrs. Ross.  
Architect—Vincent Raney, 233 Post  
St., San Francisco.

New bids will not be asked for  
some time.

**Contract Awarded**

RESIDENCE Cont Pr., \$4,628  
SANTA ROSA, Sonoma Co., Calif.  
17th Street.

One-story frame and stucco resi-  
dence (5 rooms), shingle roof, gas  
floor furnace, hardwood floors,  
linoleum floor in bath, concrete  
floor in garage.

Owner—H. T. Graves, care Archi-  
tect.

Architect—Clarence Caulkins, Ro-  
senberg Bldg., Santa Rosa.

Contractor—R. S. Knight, Santa Rosa.

**15—SCHOOLS**

**Material Bids Wanted — To Close**

March 31, 8 P. M. Cost, \$.....  
ALTERATIONS BERKELEY, Alameda Co., Calif.

Alterations to Lincoln, Hillside, John  
Muir and Washington school  
buildings and the Willard gym-  
nasium building.

Owner—Berkeley Unified Sch. Dis-  
trict (Clara F. Andrews, Secy.),  
2325 Milvia St.

Structural Engineer—Thos. F. Chace,  
Berkeley Board of Education.

Bids are being received for con-  
struction materials for the five  
schools listed above, all WPA pro-  
jects.

**Plans Being Floured — Bids Close**

March 18, 2 P. M. Cost, \$.....  
GYMNASIAUM MODesto, Stanislaus Co., Calif.  
(Roosevelt School).

One-story frame and stucco girls'  
shower and locker room building  
(50x70 ft.).

Owner—Modesto City Board of Edu-

cation (E. D. Abbott, Secy.), 14th  
and S. Modesto.

Architect—John J. Donovan, 950 Par-  
ker St., Berkeley.

Bids are being received for all  
millwork and trim except hardwood  
floors, door frames, window frames,  
and trim inside skylights; and for  
and trim inside skylights; and for  
turning all Universal awning type  
window hardware and installing  
hardware and hang windows; all  
glazing and glass and mirrors except  
the skylights; and all finish har-  
ware and metal thresholds.

Contract for reinforced concrete  
foundations and floors, frame and  
stucco exterior, composition roofing,  
awarded recently to George Roek,  
Stockton, at \$11,242.

Plans and specifications obtainable  
at the office of the Board of Edu-  
cation in the Capitol School Bldg., 14th  
and I Sts., Modesto, and on file at  
the office of the architect.

**Contracts Awarded**

ALTERATIONS Cost, \$10,000  
BERKELEY, Alameda Co., Calif.

Alterations to Lincoln, Hillside, John  
Muir, and Washington school  
buildings and the Willard gym-  
nasium building.

Owner—Berkeley Unified School Dis-  
trict (Clara F. Andrews, Secy.),  
2325 Milvia St.

Structural Engineer—Thos. F. Chace,  
Berkeley Board of Education.

Principal contract awards for fur-  
nishing construction materials for  
the five schools listed above, all  
WPA projects, follow:

Associated Hardware Co., Inc., 3862  
San Pablo Ave., Oakland—\$1,160; for  
finish hardware.

W. P. Fuller & Co., 2037 Shattuck  
Ave., Berkeley—\$454.56; glass, putty,  
linseed oil, etc.

Hager Sash & Door Co., 1290 Cedar  
St., Berkeley—\$77.17; sash and doors.

Chas. S. Hightower Co., 1001 Ashby  
Ave., Berkeley—\$800.47; plaster ma-  
terials and fire brick.

C. W. Marwedel, 11th and Alice  
Sts., Oakland—\$451.07; copper, nails,  
etc.

E. K. Wood Lumber Co., Frederick  
& King Sts., Oakland—\$2,402.04;  
millwork and lumber.

**Preparing Plans**

ADDITION Cost, \$3,900  
BERKELEY, Alameda Co., Calif. Ta-  
coma and Colusa Sts.

Portable steel frame classroom ad-  
dition to Thousand Oaks School.  
Owner—Berkeley Unified Sch. Dis-  
trict (Clara F. Andrews, Secy.),  
2325 Milvia St.

Architect—John B. Anthony, 2014  
Shattuck Ave., Berkeley.

The Board has commissioned Mr.  
Anthony as architect and superin-  
tendent of construction.

**Preparing Preliminary Plans**

LIBRARY Bldg. Cost, \$100,000  
SALEM, Oregon. Willamette Univer-  
sity Campus.

New Georgian Colonial type library  
building.

Owner—Willamette University (Dr.  
Bruce R. Baxter, Pres., N. S.  
Savage, Secy.).

Architect—A. E. Doyle Associates,  
Pacific Bldg., Portland.

**CONTRACT AWARDED**

BRAWLEY, Imperial Co., Calif.—  
Parker and Jamison, 118 E 6th  
St., Corona, awarded contract by the  
Brawley Union High School District  
at \$71,446, for the erection of a two-  
story reinforced concrete science build-  
ing on the high school site in Braw-  
ley, a WPA project. Architect H. L.  
Gogerty, Hollywood.

**BIDS WANTED**

FULLERTON, Orange Co., Calif.—  
Until April 13, 1 P. M., bids will be  
received by the Fullerton Junior Col-

lege District for a 2-story reinforced concrete social science building (20,000 sq. ft.) to be erected on the Fullerton junior college site, a PWA project. All work included in the general contract. Plans and specifications may be obtained from the plant superintendent of the school, located in the power house, Chapman and Pomona Aves., Fullerton, upon deposit of \$25. Cost, \$11,000. Harry K. Vaughn, care of the school, is the architect.

**Preparing Preliminary Plans**  
**SCHOOL BLDG.** Cost, \$10,000  
SONOMA CO., Calif. Approx. 6 mi. west of Sebastopol.

Two-story frame school house (two classrooms), stucco exterior, oil-burning heating system, composition roof, etc.

**Owner—Gold Ridge Grammar School District.**

**Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.**

Gold Ridge Grammar School District will vote on April 15 on a proposal to issue bonds in the amount of \$8,000, proceeds to assist in financing construction of work.

Balance of cost financed by insurance paid on recent fire loss at school.

**CONTRACT AWARDED**  
**ADDITION** Cont. Pr. \$52,362  
**BAKERSFIELD, Kern Co. (Horace Mann School).**

Addition of two new classrooms, addition of combination auditorium (to seat 400), lunch room and library, and remodeling of two existing classrooms (reinforced concrete faced with brick; tile roof, wood sash).

**Owner—Bakersfield School District (Florence C. Porter, Secy.).**

**Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.**

**Contractor—Opperman & Co., 1327 Orange Dr., Bakersfield.**

Complete bids follow:

Opperman & Co., Bakersfield.....\$52,362  
L. H. Hansen, Fresno.....54,016  
A. J. Hendricks, Bakersfield.....54,550  
F. J. Greenough, Bakersfield.....54,608  
Henry Eissler, Bakersfield.....55,600

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.—Pozzo Construction Co., 2403 Riverside Drive, at \$77,987 (including four alternate bids), awarded contract by Los Angeles board of education for reinf. concrete cafeteria and student union building to be erected at Los Angeles junior college, 835 N. Vermont Ave. Architect—Allison & Allison; Structural Engineer, Franklin N. Ropp, and Mechanical Engineer, E. L. Ellingwood.**

**BIDS WANTED**

**ENCINITAS, San Diego Co., Calif.**  
—Until March 29, 1 p. m., bids will be received by San Dieguito Union High School District at the school office in Encinitas, for construction of following buildings and work on high school site in Encinitas: Library and cafeteria building, gymnasium-auditorium building, nine classroom buildings, electrical work, plumbing, heating and ventilating, and special concrete work on existing. Bids for work, which is PWA project, may be submitted on work complete, for any single building, or for any combination of buildings. Plans and specifications may be obtained from the architect, Lillian J. Rice, Rancho Santa Fe, upon deposit of \$25. Stanley Burne, Rancho Santa Fe, structural engineer, and Harold A. Stockley, 550 S. Main St., Los Angeles, mechanical engineer. Work is under way on an administration building for the school, contract for which was awarded Harry Muns, San Diego.

**Additional Sub Contract Awarded**

**GYM & AUDITORIUM**

Contract Price, \$29,175

**CEDARVILLE, Modoc Co., Oregon.**  
One-story frame and stucco auditorium and gymnasium, composition roof, concrete floors, maple floor in gymnasium, plaster interior walls (stage, office, locker rooms, showers, and toilets).

**Owner—Surprise Valley Union High School District, Cedarville, Modoc County.**

**Architect—Howard Perrin, 2067 Underwood Building, Klamath Falls, Oregon.**

**Contractor—M. W. Cherry, 1829 Lakeview St., Klamath Falls, Oregon.**  
**Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St., San Francisco.**

Additional sub contracts published February 2.

**Sub-Contracts Awarded**  
**SHOP BUILDING, ETC.**

Contract Price, \$33,200

**ARBUCKLE, Colusa Co., Calif.**  
Frame shop building (for auto and laboratory, general shop, metal and woodworking rooms, 50x110 ft., wood roof, conc. slab floor) installation of sprinkler system, furniture and equipment, interior decorating of present new auditorium and landscaping.

**Owner—Pierce Joint Union High School District of Colusa County.**

**Architect—W. E. Coffman, 832 Forum Bldg., Sacramento.**

**Contractor—Peterson & Steibrenner 1116 O St., Sacramento.**

**Plumbing, Heating, Sheet Metal and Sprinklers—J. J. McDermott, P. O. Box 2405, Sacramento.**

**Electric—Reliable Elevator Wks., 619 California St., Sacramento.**

**Roofing—Roof Service Co., 1900 Alhambra Blvd., Sacramento.**

**Furniture and Shop Equipment—F. E. Turner, 557 Market St., San Francisco.**

**Awning Type Windows—Universal Window Co., 950 Parker St., Berkeley.**

**Painting—Maggiara and Berry, 2840 14th Ave., Sacramento.**

**Glass and Glazing—T. E. Cain, Inc., 2416 J St., Sacramento.**

**Preparing Working Drawings**  
**ADDITION** Cost, \$20,000

**KING CITY, Monterey Co., Calif.**  
Elementary school addition (2 rooms) frame and stucco; shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc.

**Owner—King City Grammar School District.**

**Architect—Chas. E. Butner, 7 Winham St., Salinas.**

Working drawings will be completed in about one week.

**Wrecking Bids Being Taken To**  
**Close March 22, 10 A. M.**

**SCHOOL** Cost, \$.....  
**SAN MATEO, San Mateo Co., Calif.**

Peninsular Avenue.

**New Peninsular Avenue Elementary School.**

**Owner—San Mateo Element School District.**

**Architect—T. M. Edwards, 9 Geary St., San Francisco.**

Plans and specifications for clearing the foundations may be obtained from the office of G. W. Hall, Superintendent of Schools, Central School Bldg., San Mateo, and from the office of the architect. No deposit required.

**Bids Opened**  
**RECONSTRUCTION** Cost, \$30,000

**BERKELEY, Alameda Co., Calif.**  
Structural rehabilitation of Willard

Junior High School Auditorium (strengthening roof trusses, installing system to resist lateral

forces, acoustical revision, additional fire protection system).

**Owner—Berkeley Unified School District (Clara F. Andrews, Secretary) 2325 Milvia Street.**

**Structural Engineer—Thos. F. Chace, Berkeley Board of Education Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.**

**Low Bidder—John E. Branagh, 116 Monticello, Piedmont.**

Complete bids follow:

(1) Work complete;

(2) Deduction for salvaged materials.

**John E. Branagh, Piedmont**.....(1) \$29,970.00  
.....(2) 25.00

**Carl N. Swenson, San Jose**.....(1) 30,975.00  
.....(2) 100.00

**A. Nelson, Inc., S. F.**.....(1) 37,697.00  
.....(2) 5.00

**B. A. Howkins, S. F.**.....(1) 37,788.00  
.....(2) 1.00

**Fred J. Early, Jr., S. F.**.....(1) 39,784.00  
.....(2) 1.00

**Central Calif. Const. Co., San Francisco**.....(1) 43,932.00  
.....(2) 25.00

Bids held under advisement. \*

**BONDS VOTED**

**LODI, San Joaquin Co., Calif.**—A proposal to issue \$135,000 in bonds to finance construction work at four elementary schools carried at a special election March 16 by a vote of 600 to 228.

The improvements planned include a one-story frame and stucco unit of 12 rooms at the Needham School; additions and alterations at the son School; one-room addition at the Garfield School, and alterations to heating system at Lincoln School.

Peter Sala, 2130 N. Commerce St., Stockton, architect. \*

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**DRIVE-IN MARKET** Cost, \$30,000

**STOCKTON, San Joaquin Co., Calif.**  
SW El Dorado St. and Harding Way.

Drive-in market (L-shaped; 34x151 ft. and 34x121 ft.), frame and stucco construction, service station and refreshment stand in center of parking area of 9,000 sq. ft., etc.

**Owner—John A. Clecak, Stockton.**

**Architect—H. J. Devine, Cronan Bldg., Sacramento.**

**Contractor—Frank P. Williams, RFD 5, Box 2250, Sacramento.**

**Plans Being Figured**  
**COCKTAIL BAR, ETC.** Cost, \$.....

**SAN FRANCISCO, Oxford Hotel, Turk and Mason Sts.**

New cocktail bar and remodeling of Arnold Haas Coffee Shop.

**Owner—Arnold Haas.**

**Architect—Albert R. Williams, 251 Post St.**

Following selected list of contractors are figuring plans:

Mullen Mfg. Co., 60 Rausch St.

& E. Emanuel, Inc., 2665 Jones Street

Fink & Schindler Co., 552 Brannan St.

William Bateman, 1915 Bryant St.

Arch. Bilt Fixture Co., 243 7th St.

Ostlund & Johnson, 1901 Bryant St.

William Tait, 883 Market St.

All of San Francisco.

**Contract Awarded**  
**ALTER STORE** Cost, \$6,000

**SAN FRANCISCO, Calif.** Ventura

and Castaneda Sts.

Alter store building.

**Owner—Harold Leroy, 1950 Gough St.**



Architect—Not Given.  
Contractor — F. F. Nelson, Inc., 2  
Edgell Way. 1

**Addition of Complete Story BUILDING** Cost, \$2,000,000  
SAN FRANCISCO. Tenth and Market Streets.

Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor; approximately 200 tons of structural steel involved.

Owner—Capital Co., 625 Market St. Plans by Construction Department of Owner.

Structural Engineer—L. H. Nishkian, 1525 Market Street.  
Mechanical Engineer—Leland & Haley, 58 Sutter Street.  
Contractor—Cahill Brothers, 206 Sansome Street.

Addition of complete story, which will not affect tower, on present 7-story building now under construction.

Complete sub contracts awarded to date published Nov. 23, Jan. 12, Feb. 8 and 11.

**Bids Wanted — To Close March 17**  
ALBANY BLDG. Cost, \$25,000  
MERCED, Merced Co., Calif.

Alterations and additions to 3-story bank and store building (complete renovation of third floor; installation of elevators; heating and cooling systems; redecoration of building).

Owner—Judge Shafer, Merced.  
Architect — H. H. Winner, Wordsworth Ave., Ross.

Lessee — First National Bank, Merced.

General bids are now being received for the alteration work to the First National Bank, as follows:

- (1) General construction, including steel, concrete, plaster, carpentry, mill, sheet metal, glass and glazing work;
- (2) Marble work;
- (3) Bronze work;

Plans and specifications may be obtained at the First National Bank, where the bids will be opened on the evening of March 17.

As previously reported, the alteration work to the rest of the building is being done by day's work.

**PREPARING PLANS**  
GLENDALE, Los Angeles Co., Cal.—Sears, Roebuck & Co., 2650 East Olympic Blvd., Los Angeles, are preparing plans for a three-story and basement Class A reinforced concrete department store building (50,000 sq. ft.) to be located at Central Ave. and California St., Glendale.

Plans by the owner's architectural department, Chicago.

**Contract Awarded STORE** Cost, \$.....  
CARMEL, Monterey Co., Calif.

One-story frame and stucco store building to contain five stores (59x82) Johns-Manville roofing, mastipave flooring, individual gas furnaces.

Owner—Fred Lettig.  
Architect—Guy O. Keopp, P. O. Box 64, Carmel.

Contractor—A. C. Stoney, San Antonio St., Carmel.

**Preparing Plans OFFICE BLDG.** Cost, \$.....  
MONTEREY, Monterey Co., Calif.

Factor's office building.  
Owner—Withheld.  
Architect—W. O. Raiguel, Box 549, Monterey.

**Plans Being Figured—To Close** March 25, 10 A. M.  
STORE BLDG. Cost, \$12,000  
SAN FRANCISCO. Cole and Carl Streets.

One-story frame and stucco store building.  
Owner—Withheld.  
Architect—Jorgensen & Delchmann, associated architects, 321 Bush.

**Planned ALTERATIONS, ETC.** Cost, \$.....  
PITTSBURG, Contra Costa Co., Cal.

Alterations and additions to Bank of America building.

Owner—Bank of America (R. C. Bryce, Manager).  
Architect—Not Given.

Construction will start within the next few weeks.

**Sub Contracts Awarded REMODEL STORE** Cost, \$20,000  
STOCKTON, Santa Joaquin Co., Calif.

27 North Sutter Street.  
Remodel store building.  
Owner—M. T. Raggio.  
Architect—Not Given.

Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

**Plumbing**—W. T. Gibson Co., 123 S. Grant St.

**Tile Work**—H. P. Fischer Tile & Marble Co., 714 E. Weber St.

**Glass**—W. P. Fuller & Co., 218 S. Aurora St.

**Lumber**—San Joaquin Lumber Co., Scotts Ave. and Madison St.

**Mill Work**—Union Planing Mill, Taylor and Sutter Sts.

**Hardware**—Turner Hardware & Imp. Co., 24 N. American St.

**Painting**—J. F. Ecker, 17 W. Poplar St.

**Lathing & Plastering**—E. E. Gordon, 1622 S. Sutter St.

**Magnesite Floors**—Malott & Peterson, 2412 Harrison St., San Francisco.

**Iron Grille Work**—National Ornamental Iron & Bronze, 70 Chesley St., San Francisco.

All of Stockton unless otherwise noted.

**BIDS OPENED STORE** Cost, \$12,500  
BAKERSFIELD, Kern Co., Calif.

Reinforced concrete and brick store building (steel sash, arch-rib wood trusses, plate glass window, steel accordion doors and asphalt concrete parking lot, composition roofing).

Owner—Alice Wiseman, care Architect.  
Lessee — Safeway Stores, Inc., Bakersfield.

Architect—Franklin & Kump, Habersfelde Bldg., Bakersfield.

Low Bidder—Opperman & Co., 1327 Orange Drive, Bakersfield.

Complete bids follow:  
Opperman & Co., Bakersfield \$13,998  
J. N. Harvey, Bakersfield..... 14,188  
A. J. Hendricks, Bakersfield..... 14,725  
F. A. Groughn, Bakersfield..... 15,282  
Henry Eissner, Bakersfield..... 16,000

**Planned BANK BLDG.** Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif.

One-story and mezzanine bank bldg. (42x100 ft.), to replace part of present Ramona Building.

Owner — Palo Alto National Bank (Charles J. Crary, Pres.).  
Architect—Not selected.

**CONTRACT AWARDED FIBRENIX, Azusa**—Del E Webb Const. Co., 1633 W. Jefferson St., Phoenix, awarded contract for construction of a three-story and basement reinforced concrete and structural steel department store building (110x200 ft.) for J. J. Newberry Co., 245 Fifth Ave., New York City.

H. C. Hoffman, supervising architect for the company, prepared the plans. Cost, \$300,000.

**Planned OFFICE BLDG.** Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif. University Ave.  
One-story and mezzanine office bldg. (18 x 100 ft.), to replace part of present Ramona Building.  
Owner—J. E. Shearer.  
Architect—Not selected.

**Contract Awarded STORE** Contract Price, \$26,895  
OAKLAND, Alameda Co., Cal. Lots 18, 19 and 20 Blk 78, Kellersburgers Map.

Two-story reinforced concrete store. Owner—Chin Han Kee and Chin C. Wah.

Architect—Francis T. Chinn.  
Contractor—C. H. Teigland, 4607 Harbor Drive, Oakland.

**Contract Awarded ADDITION** Cost, \$80,000  
OAKLAND, Alameda Co., Cal. 11th and Washington Streets.

Addition of one-story (23,000 sq. ft.) to Whitehorn & Swan store bldg. of reinforced concrete, Class C construction.

Owner—Hale Bros., Inc.  
Architect—Geo. T. deColmesnil, de Young Bldg., San Francisco.

Engineer—L. H. Nishkian, 625 Market St., San Francisco.

Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

**To Be Done By Day's Work SALINAS** Cost, \$12,000  
SALINAS, Monterey Co., Cal. Main and Alisal Streets.

One-story steel frame and tile store building (six stores), composition roofing, cement and maple floors.

Owner & Builder—Cominos Bros.  
Architect—Chas. E. Butler, 7 Winham St., Salinas.

**Plans Being Prepared STORE** Cost, \$.....  
CARMEL, Monterey Co., Calif.

One-story building (tattoo exterior, metal lath, fireproof).

Owner—Withheld.  
Architect—Milton Latham, Carmel.

**To Be Done By Day's Work ALTERATIONS, ETC.** Cost, \$80,000  
SAN JOSE, Santa Clara Co., Calif. 29 South First Street.

Two-story addition (25x137-feet) to merge with present building; extensive alterations to the present building with possible air conditioning system at additional cost of \$25,000.

Owner—Woolworth Co., 29 S. First St., San Jose (Herschel Graham, manager).

Plans by Engineering Department of Owner.  
Work will be started immediately.

**Contract Awarded RESTAURANT** Cost, \$7,000  
SAN FRANCISCO S. Jefferson, 137 ft W of Taylor St.

One-story frame and stucco restaurant building.  
Owner—Tom Di Maggio, 2047 Taylor St.

Architect—Not Given.  
Contractor—Tony D'Amico, 2345 Poik St.

**Contract Awarded RESTAURANT** Cost, \$7,000  
SAN FRANCISCO S. Jefferson, 137 ft W of Taylor St.

One-story frame and stucco restaurant building.  
Owner—Tom Di Maggio, 2047 Taylor St.

Architect—Not Given.  
Contractor—Tony D'Amico, 2345 Poik St.

**Plans Being Figured — To Close** March 25, 10 A. M.  
STORE BLDG. Cost, \$12,000  
SAN FRANCISCO. Cole and Carl Streets.

One-story frame and stucco store building.  
Owner—Withheld.

Architect—Jorgensen & Delchmann, associated architects, 321 Bush.

Plans are being figured by the following selected list of contractors: Ed. Zinkand & Son, 667 36th Ave.

A. J. Hopper, 1769 Pleasant Valley Ave., Oakland.  
 Peter Sartorio, 666 Mission St.  
 Gaubert Brothers, 4735 Brookdale Ave., Oakland.

Moore & Roberts, 693 Mission St.  
 Louis J. Cohn, 645 Russ Bldg.  
 Jacks & Irvine, 620 Market St.  
 Carlson Construction Co., 666 Mission St.

J. S. Malloch Company, 666 Mission Street.

All of San Francisco, unless otherwise noted.

**Bids In—Held Under Advertisment ALTERATIONS** Cost, \$6,000  
**SAN FRANCISCO**, 18th and Castro. General alterations to store building. Owner—Mercantile Properties Co. Architect—Earle B. Bertz, 681 Market Street.

Plans were figured by a selected list of contractors.

Owner has taken bids under advertisement. Announcement within a few days.

**Bids Opening Date Postponed Until March 22.**  
**STORES & APTS.** Cost, \$7,500  
**MILL VALLEY**, Marin Co., Cal. Locus Avenue.

Two-story frame and stucco store & apartment building (2 stores, 2 apts.) tar and gravel roof, wood sabb.)

Owner—C. Gardner.  
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Following are figuring plans:  
 Melvin H. Klyce, 25 Eugene Street, Mill Valley.

Leibert & Trobeck, Albert Building San Rafael.

Vincent Maggio, 452 N. 15th St., San Jose.

O. S. Pritchard, Sunnyside and Carmelita Sts., Mill Valley.

Bids postponed from March 17.

**Plans Being Figured — Bids Close March 22, 2 P. M.**  
**MARKET & STORE** Cost, \$.....  
**PASADENA**, Los Angeles Co., Calif. 1460 North Fair Oaks.

Reinforced concrete store and market building (100x116), wood roof trusses, composition roofing, concrete floors, steel doors, refrigeration system, plumbing, asphaltic paving on parking lot.

Owner—E. M. Rosen.  
 Architect—S. Charles Lee, 1648 Wilshire Blvd., Los Angeles (25 Taylor St., San Francisco).

Bids will be received in Mr. Lee's Los Angeles office from the following selected list of contractors:

Frank Schilling, 636 N. Harvard Blvd.

Harry Holton, 808 S. Vermont.  
 A. V. Perkinson, 3975 S. Vermont.  
 Lindgren & Swinerton, Standard Oil Bldg.

Myers Bros., 3407 San Fernando Road.

Bert Dale, care of Globe Constr Co., 832 W. 5th St.  
 All of Los Angeles.

**Plans Being Completed**  
**MARKET** Cost, \$20,000  
**STOCKTON**, San Joaquin Co., Calif. NE Harding Way and Commerce St.

One-story brick or concrete market building (70x90 ft.), plaster ceiling, composition roof, concrete floors, ultra-modern in design.

Owner—C. F. Vining, Sacramento.  
 Architect—Frank W. Mayo, 108 E. Miner St., Stockton.

The owner will take bids in about two weeks.

## 17— THEATRES

**Planned**  
**THEATRE** Cost, \$50,000  
**EXETER**, Tulare Co., Calif.  
 New theatre building (50x125-feet) to seat 750, brick walls, interior acoustical plaster, stucco exterior, entrance flanked by two 16x20-ft. stores.

Owner and Manager—C. E. Pease.  
 Architect—Not Selected.

Tentative plans indicate construction will start about May 1.

**Plans Being Prepared**  
**THEATRE** Cost, \$30,000  
**EXETER**, Tulare Co., Calif.

New theatre building (50x125-feet) to seat 750, brick walls, composition roofing, interior acoustical plaster, stucco exterior, air conditioning sys., sound equipment, entrance flanked by two 16x26-ft. stores.

Owner—C. E. Pease.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.

**Plans Being Prepared**  
**THEATRE** Cost, \$.....  
**RIVERSIDE**, Riverside Co., Calif. SW Cor. Market and 12th Sts.

Two-story Class A motion picture theatre, store and office building (115x158 ft.), will contain a theatre to seat 1000; five storerooms and several offices; reinforced concrete construction; concrete and wood floors; plate glass; air conditioning system, etc.

Owner—Hunt Theatres, Inc., and Fox West Coast Theatre Corp., 1609 W. Washington Blvd., Los Angeles.

Architect—S. Charles Lee, 25 Taylor St., San Francisco.

**Planned**  
**REMODEL THEATRE** Cost, \$.....  
**LODI**, San Joaquin Co., Calif. West Elm St.

Complete modernization of Tokay Theatre (Ben Muller, Mgr.).

Owner—T. & D. J. Enterprises, Inc. Architect—Not Given.

Work is expected to start immediately.

## 18— WHARVES & DOCKS

**CONTRACT AWARDED**  
**REDWOOD CITY**, San Mateo Co., Cal.—W. O. Tyson, Box 888, Redwood City, at \$30,068.50 awarded contract by the Redwood City City Council for the construction of facilities at the Redwood City Harbor.

Complete bids published March 2. Chas. Dimmitt, city engineer.

## 19—MISC. CONSTRUCTION

**BIDS WANTED**  
**WEST LOS ANGELES**, Cal.—Until March 19, bids will be received by the Twentieth Century-Fox Film Corp., 10260 Orton Ave., West Los Angeles, for a pump house, water storage tank and fire protection system to be constructed at the studios in West Los Angeles.

**PREPARING PRELIMINARY PLANS**  
**LOS ANGELES**, Calif.—Twentieth Century-Fox Film Corp., architect department, 10260 Orton Avenue, West Los Angeles, is preparing preliminary plans for a 3-story, Class D production department building, a Class D metal works building and a 3-story Class D dressing room building to be built on the company's single lot site in West Los Angeles.

Other proposed buildings include a wardrobe building, an addition to the coffee shop, a scene dock and an addition to the hospital.

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**Structural Steel Contract Awarded SUB STATION** Cost, \$.....  
**OAKLAND**, Alameda Co., Calif. NE Cor. First and Grove Sts.

To-story and concrete waterproof basement structural steel and reinforced conc. sub-station (175x26x20), with annex at one end (70x20x15).

Owner—Pacific Gas & Electric Co. Plans by Engineering Department of Owner.

Golden Gate Iron Works, 1541 Howard Street, at approx. \$24,000 to \$25,000, awarded contract for structural steel.

As previously reported, Barrett & Hilp, 918 Harrison St., San Francisco, at \$50,732, awarded contract for concrete foundation.

Construction of sub-station is the first unit of an improvement program to Pacific Gas & Electric steam plant, cost of which reportedly will be about \$5,250,000.

**BIDS OPENED**  
**SAN FRANCISCO**—D. N. & E. Walter Co., Inc., 562 Mission St., at \$257.50, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5764, for trimming, patching and re-cementing approximately 330 sq. yds. of loose linoleum and furnishing and laying about 80 yards of new 6 MM. at the Presidio Branch Library. Only other bid submitted by West Coast Linoleum & Carpet Stores, at \$259.

**Contract Awarded**  
**GRADING, ETC.** Cost, \$5,854  
**SAN FRANCISCO**, Calif. SW Cor. Otis and McCoppin Sts.

Grading and leveling of the yard and furnishing and installing wire and wooden fence.

Owner—Pacific Telephone & Telegraph Company.  
 Plans by Engineering Department of Owner.

Contractor—Monson Bros., 475 6th Street.

**Complete Bids**  
**ALTERATIONS** Cost, \$50,000  
**SACRAMENTO**, Sacramento County, Calif. Seventh and L Streets.

Alterations to modernize interior and exterior of stage depot.

Owner—Pacific Greyhound Lines, Ltd. (F. W. Ackerman, Vice-President).

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Low Bidder—Peterson & Steinhilber, 1116 O St., Sacramento—\$38,795.

Complete bids follow:  
 Peterson & Steinhilber, ..... \$38,795  
 J. C. Meyers, Stockton, ..... 43,825  
 Lawrence Constr. Co., Sacramento, ..... 43,863  
 Chas. F. Unger, Sacramento, ..... 45,895  
 P. F. Bender, Sacramento, ..... 46,100

Announcement in about one week.

**Contract Awarded**  
**ADDITION** Cost, \$20,000  
**FRESNO**, Fresno Co., Calif. 905 "F" Street.

Addition to bottling plant. Owner—Coca Cola Bottling Works, 905 R St., Fresno.

Plans by Engineering Department of Owner.  
 Contractor—J. D. Shorb, 1295 Linden St., Fresno.

**CONTRACT AWARDED**  
**NEAR FILLMORE**, Ventura Co., Cal.—Fluor Corp., 909 E 59th Street, Los Angeles, awarded contract for construction of a gasoline processing plant five miles south of Fillmore for the Texas Company, 929 South Broadway, Los Angeles. Included in the plant will be two steel frame cooling towers, compressor house, boiler house, several distilling units,

storage house and an office building. The concrete work and grading have already been completed.

#### BIDS WANTED

**LINCOLN CO., Nev.**—Until March 25, 4 p.m., bids will be received by the Board of Directors of the Lincoln County Power District No. 1, Pioche, Nevada, for the construction of a steel tower transmission line, approximately 1½ miles long, in accordance with plans and specifications which may be obtained from the office of J. H. Buehler, Chairman of the Board, upon deposit of \$5, returnable. Certified or cashier's check or surety company bid bond for 5% must accompany each proposal.

#### Plans Completed

**PLUNGE** Cost, \$100,000  
**TAFH**, Kern Co., Cal. Lincoln School Fourth Street.  
 Concrete tile-lined swimming pool and frame building.  
**Owner**—Taft School District.  
**Architect**—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.  
 Date for opening bids will be set shortly.

#### To Be Done By Day's Work

**SKATING RINK, ETC.** Cost, \$15,000  
**SAN FRANCISCO**, 1000 Point Lobos Ave. (Sutro Baths).  
 Installing skating rink floor to be erected on present concrete slab and construction of skate room to be erected over present volley hall court using present tank walls and floor slabs as foundations, Sutro Baths.  
**Owner**—Not Given.  
**Engineer**—E. W. Kellberg, 320 Market Street.

#### BIDS WANTED

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The Chairman of the Board has announced that approximately \$7000 is available for construction of the line. Steel for towers, conductors, insulators, and hardware will be furnished by the owner.

#### Contract Awarded

**SWIMMING POOL** Cost, \$5,000  
**ATHERTON**, San Mateo Co., Calif.  
 Walsh Road, Mezes Tract.  
 New swimming pool.  
**Owner**—Bruce Kelham, Walsh Road, Atherton.  
**Contractor**—C. Stockholm, 235 Montgomery St., San Francisco.

#### BIDS REJECTED—TO ASK NEW BIDS

**ALAMEDA and Contra Costa Cos. Calif.**—The Board of Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, has rejected all bids received March 10 under Schedule "H", for the construction of steel structures for the completion of the Broadway Low Level Tunnel.

The work involves 140,000 lbs. of light structural steel trusses and purlins for installation at each end of the tunnel to support the louver system.

The work will be readvertised and bids probably will be opened March 31, 11 A. M.

Moore Dry Dock Co., foot of Adeline St., Oakland, at \$0.165 per lb.,

total \$22,650, submitted the only bid received at the previous opening.

#### CONTRACT AWARDED

**ALAMEDA and Contra Costa Cos., Cal.**—Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco, at \$18,893 awarded contract by Board of Directors of Joint Highway District No. 13, Wallace B. Boggs, Chief Engineer, under Schedule "F", for cast-iron monoxide detector-recorders for the Broadway Low Level Tunnel.

#### CONTRACT AWARDED

**SAN FRANCISCO**—D. N. and E. Walter Co., Inc., 562 Mission Street, at \$27,756 awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 5764, for trimming, patching and re-cementing approximately 330 sq. yds. of loose linoleum and furnishing and laying about 80 yards of new 6 MM. at the Presidio Branch Library.

#### 20—MISC. SUPPLIES AND MATERIALS

##### CONTRACTS AWARDED

**LOS ANGELES, Calif.**—Contracts for electrical equipment awarded by the U. S. A. Water and Power Commission as follows:

(1) Kelman Electric & Mfg. Co., oil circuit breakers; Spec. 2208, at \$56,466. Bids opened March 5.

(2) Delta Star Electric Co., oil circuit breakers; Spec. 2235, at \$3492. Bids opened March 5.

(3) W. N. Mathews Corp., high voltage cutouts; Spec. 2220, at \$12,510. Bids opened March 10.

(4) Westinghouse Electric & Mfg. Co., auxiliary relays; Spec. 2222, at \$1,971.20. Bids opened March 8.

(5) L. A. Die Casting Co., watchtowers meters; Spec. 2228, at \$8550.00. Bids opened March 10.

##### BIDS OPENED

**LOS ANGELES, Cal.**—Bids for furnishing oil circuit breakers. Spec. 2205, were opened by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau. The bids were: (a) Kelman Electric & Mfg. Co.—(a) \$16,010; (b) \$16,010. Spare parts (a) \$4960; (b) \$4960; Oil, 18.5c. Impulse test, \$62. Drum, no charge. Net.

(c) Allis-Chalmers Mfg. Co.—(a) \$22,272; (b) \$23,559. Spare parts, (a) \$4,000; (b) \$4099; oil, 20c. Impulse test \$2600. Drums, \$15; net.

(d) General Electric Co.—(a) \$23,720; (b) \$24,150. Spare parts, (a) \$3500; (b) \$3570. Allowance per gallon for omission of oil. Allowance for impulse test, \$130. Charge and credit for drums, \$15. Net.

##### BIDS OPENED

**OAKLAND, Calif.**—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$55,970 (lump sum price) submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. L.C. 191, for furnishing 59,000 lb. of cast iron pipe as follows:

- (1) 5,000 lb. 4-in., Class 150;
- (2) 30,000 lb. 6-in., Class 150;
- (3) 15,000 lb. 8-in., Class 250;
- (4) 3,000 lb. 10-in., Class 250;
- (5) 1,000 lb. 12-in., Class 250.

Complete bids follow:  
 U. S. Pipe & Foundry Co., S. F.:  
 (1) \$2,275; (2) \$20,250; (3) \$16,950;  
 (4) \$1,770; (5) \$12,420. Total, \$56,615; lump sum price, \$55,970.

American Cast Iron Pipe Co., San Francisco: (1) \$2,300; (2) \$20,700; (3) \$17,000; (4) \$4,830; (5) \$12,600; total, \$57,830.

Pacific States Cast Iron Pipe Co., San Francisco: (1) \$2,300; (2) \$21,000; (3) \$17,625; (4) \$4,920; (5) \$12,840. Total, \$58,685.

Florence Pipe & Machinery Co.: (1) \$2,425; (2) \$21,975; (3) \$18,450; (4) \$5,160; (5) \$13,380; total, \$61,390.

#### CONTRACT AWARDED

**OAKLAND, Calif.**—United Iron Works, 550 Second St., Oakland, at \$2,462 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 190, for furnishing two pumping units for the Purdie Upper Cagmont Pumping Plant.

The pumps shall have a horizontal shaft, centrifugal, each have a capacity of 575 g.p.m. at a head of 410 ft., each direct connected to an induction motor of 440 volts, 3-phase, 60 cycles, mounted on continuous bed plate.

Delivery f.o.b. Corporation Yard, 22nd and Adeline Sts., Oakland.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—California Corrugated Culvert Co. awarded contract, at \$12,620, by U. S. Treasury Dept. Procurement Division, Los Angeles, for furnishing galvanized iron corrugated culverts, f.o.b. County Road Station, Division No. 2, Otay, under Invt. 22356, and at \$2360.48, for furnishing same f.o.b. County Road Station, Ramona, under Invt. 22357. Terms net.

#### BIDS OPENED

**SACRAMENTO**—Following bids received by the U. S. Engineer Office, Little Col. L. B. Chalmers, District Engineer, Sacramento, under Bid No. 1105-37-166, for furnishing miscellaneous castings as follows:

- (1) One wye for 20-in. shore pipe;
- (2) One lot parts for pipe sleeve bands;
- (3) each, dredge impeller inner wearing rings;
- (4) 4 each, dredge pump, outer wearing rings;
- (5) 4 each, dredge pump bushings;
- (6) 4 each, dredge pump head liners (engine side);
- (7) 4 each, dredge pump head liners (suction side);
- (8) 4 each, dredge pump suction mouthpiece liners;

(9) 6 each, steel railroad rails: (a) new rails, (b) used rails;

(10) 24 lengths pontoon pipe.

Neptune Machine Works, S. F.—(1) no bid; (2) \$1174.50, delivery in 30 days; (3) \$192, 35 days; (4) \$28, 35 days; (5) \$270, 35 days; discount, 1½ days, ¼, 20 days.

Monarch Foundry & Engineering Co., Stockton: (1) no bid; (2) \$972, 30 days; (3) \$150, 35 days; (4) \$260, 35 days; (5) \$255, 35 days; (6) no bid; (7) no bid; (8) \$510, 35 days; (9) no bid; (10) no bid; discount, ¼, 30 days.

Pacific Coast Engineering Co., Oakland: (1) \$1389, 35 days; (2) \$960, 30 days; (3) \$300, 35 days; (4) \$29, 35 days; (5) \$268, 35 days; (6) \$1210, 35 days; (7) \$1016, 35 days; (8) \$496, 35 days; (9) no bid; (10) \$472, 35 days; no discount.

General Engineering & Dry Dock Inc., Oakland—(1) no bid; (2) \$1077, 30 days; (3) \$300, 35 days; (4) \$263, 35 days; (5) \$324, 35 days; (6) \$1354, 35 days; (7) \$1165, 35 days; (8) \$534, 35 days; (9) no bid; (10) no bid; no discount.

Golden State Mills Iron Works, San Francisco—(1) no bid; (2) no bid; (3) \$201.20, 35 days; (4) \$159; (5) \$363.20, 35 days; (6) \$1310, 35 days; (7) \$1300, 35 days; (8) \$192, 35 days; (9) no bid; (10) no bid; no discount.

Montague Pipe & Steel Co., San Francisco—(1) \$5,208, 35 days; discount, ¼.

Stockton Iron Works, Stockton—(1) no bid; (2) no bid; (3) no bid; (4) no bid; (5) \$225, 35 days; (6) \$1200, 35 days; 7 \$1685, 35 days; (8)

\$474. 35 days; (9) no bid; (10) no bid; no discount.

#### CONTRACT AWARDED

**LOS ANGELES.**—California Corrugated Culvert Co. awarded contract for furnishing slide head gates with corrugated metal pipe for Chiu-Chui project by the U. S. Indian Irrigation Service, Los Angeles, under Invit. No. 6676. The items were:

(1) 9 1/8-in. gates with 10-ft. pipe attached;

(2) 25 1/2-in. gates with 10-ft. pipe attached.

The bids were:

California Corrugated Culvert Co., alternate design, f.o.b. Berkeley—(1) \$28.16; (2) \$29.19; total, \$57.35; 11-805 lbs.; discount, 1/2 of 1%, 10 days. Delivery 12 days.

Martin Iron Works, f.o.b. Los Angeles—(1) \$36.20; (2) \$29.95; total, \$66.15; 278 lbs. each, 18-in. gates; 180 lbs. each, 12-in. gates. Discount, 2% 10 days. Delivery 12 days.

#### BIDS OPENED

**LOS ANGELES, Calif.**—United Commercial Co. submitted the only bid to the U. S. Engineer, 751 South Figueroa St., Los Angeles, for furnishing rails, as follows:

(1) 240 Lf. rails, 100 lbs. per yard, ASCE, standard section, new or used; no bid.

(2) 8610 Lf. rails, 90 lbs. per yard, ARA-A standard section, new or used, each section with splice bars, track bolts, nuts and nut locks to match; \$3264.04 (used);

(3) 5100 tie plates, shoulder type, standard, for use with 90-lb. rail and 9/16-x5/8-inch track spikes, new or used; \$663 (used);

(4) 150 tie plates, shoulder type, standard, for use with 90-lb. rail and 9/16-x5/8-inch track spikes, new or used; \$23.25 (used).

Fob railroad cars at contractor's plant, Los Angeles. Description of the rails and accessories will be Fort MacArthur, San Pedro; Circ. Prop. 272.

#### LOW BIDDERS

**DENVER, Colorado.**—Koppers Co., Western Gas Division, submitted the low bid to the Bureau of Reclamation, Denver, Colo., March 8th, at \$38,000, for furnishing high pressure gate assemblies f.o.b. Fort Wayne, Ind., for use at Caballo Dam, Rio Grande Project, New Mexico-Texas.

Commercial Iron Works submitted the low bid at \$3,425 for furnishing one gate assembly f.o.b. Portland, Ore., for use at the Glassy Lake Dam, Upper Snake River Project, Idaho.

#### BIDS OPENED

**BURBANK, Los Angeles Co., Cal.**—Pacific Iron & Steel Co., at \$1,931 submitted the only bid to the Burbank City Manager for furnishing and erecting structural steel substation racks.

#### BIDS OPENED

**LOS ANGELES.**—Bids for furnishing cast-iron pipe under Spec. X-9, were opened by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau. The items were:

(1) 16,000 ft. 8-in. I. D. f.o.b. trucks Hewitt Pipe Yard, Los Angeles;

(2) 16,000 ft. 8-in. I. D. f.o.b. trucks Vesper and Aetna St. Yard, Van Nuys;

(3) 15,000 ft. 12-in. I. D. f.o.b. trucks Vesper and Aetna St. Yard, Van Nuys;

(4) 15,000 ft. 12-in. I. D. f.o.b. trucks Hewitt St. Pipe Yard, Los Angeles;

(5) 15,000 ft. 12-in. I. D. f.o.b. Vesper and Aetna Yard, Van Nuys;

(6) 15,000 ft. 12-in. I. D. f.o.b. Hewitt St. Yard, Los Angeles.

The bids were:

Pacific States Cast Iron Pipe Co.—(1) \$1.22, (2) \$1.24, (3) \$2.50, (4) \$2.46, (5) \$2.50, (6) \$2.46.

American Cast Iron Pipe Co.—(1) \$1.22, (2) \$1.24, (3) \$2.51, (4) \$2.46, (5) \$2.51, (6) \$2.41.

U. S. Pipe and Foundry Co.—(1) \$1.19, (2) \$1.23, (3) \$2.45, (4) \$2.43, (5) \$2.45, (6) \$2.43.

National Cast Iron Pipe Co.—(5) \$1.28, (2) \$1.32, (3) \$2.59, (4) \$2.53, (5) \$2.49, (6) \$2.45.

Florence Pipe & Foundry Co.—(1) \$2.59, (6) \$2.53.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Bids for furnishing electrically operated gate valves were opened by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau, under Spec. X-96. The items were:

(1) one 24-in. differential pressure, 40 lbs. per sq. in.;

(2) two 24-in. (differential pressure, 40 lbs. per sq. in.);

(3) two 30-in. (differential pressure, 40 lbs. per sq. in.);

(4) one 10-in. (differential pressure, 40 lbs. per sq. in.);

(a) fob hider's shipping point;

(b) fob Fletcher Dr. pump sta. The bids were:

Kennedy Valve & Mfg. Co.—(1) (a) \$726.18; (b) \$608.32; (2) (a) \$726.18; (b) \$608.22; (3) (a) \$997.60; (b) \$372.85; 137 ft. 6 in. (a) \$355.99; (b) \$372.85;

Chapman Valve & Mfg. Co.—(1) (a) \$726; (b) \$784.53; (2) (a) \$726; (b) \$784.53; (3) (a) \$1003; (b) \$1,089.52; (3) (a) \$1,067; (b) \$382; shipping point, Indian Orchard; 2%.

Crane Co.—(1) (b) \$1045; (2) (b) \$1045; (3) (h) \$1487; (4) (h) \$423; Shipping point, Chicago; 2%.

Rensselaer Valve Co.—(1) (a) \$751 \$856.50; (2) (a) \$751; (b) \$666.50; (3) (a) \$1153; (b) \$1308.25; (4) (a) \$236.80; (b) \$341.20. Shipping point, Troy; 2%.

Iowa Valve Co.—(1) (a) \$694.50; (b) \$770; (2) (a) \$694.50; (b) \$770; (3) (a) \$940; (b) \$1075; (4) (a) \$377.50; (b) \$374; no net.

Koppers Co.—(1) (a) \$967; (b) \$967 (3) (a) \$1141; (4) (a) \$507; shipping point, Ft. Wayne; 2%.

#### BIDS OPENED

**GRAND COULEE DAM, Wash.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 886-D, for furnishing pipe, fittings, valves and appurtenances for the bypass drain, and air-lift piping for the paradox and ring-floater gates at the Grand Coulee dam Columbia Basin Project, Wash.:

Grimes Pipe & Supply Co., Denver: \$58,340; fob Odair.

Standard Sanitary Mfg. Co., Denver: \$61,500; fob Odair.

Associated Piping & Engr. Co., Los Angeles: \$59,965; fob Odair.

George B. Lambert & Co., Chicago: \$54,597; fob various points.

Power Piping Co., Pittsburg, Ill.: \$56,964; fob Pittsburg.

Midwest Piping & Supply Co., St. Louis: \$62,700; fob Odair.

John W. Beam, Denver: \$70,000; fob Chicago; discount 1/2%.

All bidders specify discount of 2% unless otherwise noted.

#### CONTRACTS AWARDED

**SOUTH PASADENA, Los Angeles Co., Calif.**—Contracts for furnishing cast-iron pipe and miscellaneous fittings were awarded by the South Pasadena city council, March 12th, as follows:

U. S. Pipe & Foundry Co., cast-iron pipe, \$19,619.32; James Jones Co., corporation cocks, etc., \$1,003.45; Mueller Co., 5000 ft. copper tubing, \$21.53.

It is additional 5000 ft. to be purchased in the open market; Rensselaer Valve Co., fire hydrants at \$52.48

each; Alhambra Foundry Co., miscellaneous pipe fittings, \$1681.26.

All bids for gate valves and galvanized pipe rejected and materials will be bought in the open market.

Complete list of bids on file at the office of DAILY PACIFIC BUILD-ER.

#### CONTRACT AWARDED

**LOS ANGELES.**—Circle Wire & Cable Co., Brooklyn, N. Y., awarded by the Metropolitan Water District Board of Directors, at \$50,686, f.o.b. Banning, for furnishing 28,500 ft. of No. 4/0 armored cable under Spec. 199.

#### CONTRACT AWARDED

**SALT RIVER PROJ., Arizona.**—Concrete Engineering Co., Inc., Omaha, Neb., at \$27,063.18 awarded contract by the Bureau of Reclamation, Denver, for furnishing reinforcing steel for Bartlett Dam, Salt River Project.

#### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by George D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1020, for furnishing 7,433 ft. h.m. structural Lumber and lumber for the Santa Lucia Creek Bridge:

Loop Lumber Co., San Francisco—\$337.50, f.o.b. Soledad; discount, 2%, 30 days.

McCormick Supply Co., San Francisco—\$200.69, f.o.b. Coquille, Oregon; discount, 2% 30 days, 1% 30 days; weight, 30,000 lbs.

#### CONTRACT AWARDED

**PARKER DAM, Ariz.**—Soule Steel Co., 1750 Army St., San Francisco, at \$17,205 awarded contract by Bureau of Reclamation, under Inv. 44116-A, for furnishing reinforcing steel for Parker Dam.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Kelman Electric & Mfg. Co. awarded contract by the Los Angeles Water and Power Bureau at \$8909, for furnishing oil circuit breakers and appurtenant equipment, Spec. 2204.

#### BIDS OPENED

**LOS ANGELES, Cal.**—Bids for furnishing oil circuit breakers, Spec. 2207, were opened by D. P. Nicklin, purchasing agent, Los Angeles Water & Power Bureau. The bids were:

Kelman Electric & Mfg. Co.—(a) \$7542 (b) \$7542. Spare parts (a) \$2,650; (b) \$2650. Allowance for impulse test, \$75. Allowance per gallon for omission of oil, 24c. Drums, \$6. Net.

Allis-Chalmers Mfg. Co.—(a) \$8,250; (b) \$8280. Spare parts, (a) \$1,200; (b) \$1200. Impulse test, \$150. Allowance for oil, 20c. Drums \$15.

General Electric Co.—(a) \$8,995; (b) \$8995. Spare parts, (a) \$820; (b) \$820. Impulse test, \$75. Oil, 17c. Drums, \$15. Net.

#### CONTRACT AWARDED

**SAN FRANCISCO.**—Grinnell Co. of the Pacific, 5th and Brannan Sts., at \$619.69, awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-204, for furnishing 1,050 ft. cast-iron, hell and spigot water pipe centrifugally cast, f.o.b. Fort Funston.

Identical bids, at \$619.69, were submitted by the following: Grinnell Co. of the Pacific, Oakland Sheet Metal Supply Co., Walworth-California Co., Standard Supply Co., and Crane Co.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

21—Bridges	30—Recreators and Dams
22—Dredging, Harbor Works, Excava.	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Disposal Plants
24—St. Light. Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Fire Alarm Sys.	35—Tunnels
27—Fire Equipment	
28—Streets & Highways	

## 21— BRIDGES

## BIDS WANTED

**HUMBOLDT CO., Calif.**—Until Apr. 13, bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, Court House, Eureka, for the construction of three concrete bridges on the Redway-Briceland Road. Estimated cost, \$15,000.

The structures will be approximately 60 ft. long and 18 ft. wide.

Plans and specifications obtainable from the office of County Surveyor Frank Kelly.

## BIDS WANTED

**ALASKA**—Until March 22, J. A. M., bids will be received by the Consolidated Purchasing and Shipping Bureau, 441 Federal Office Building, Seattle, under Bid No. 01336, for a steel bridge for the Alaska Reclamation Commission, consisting of steel castings, steel forgings, steel piling, structural steel, bolts, and pins for 80-ft. steel span complete.

Specifications obtainable from the above office.

## CONTRACT AWARDED

**SOLEAD.**—Judson-Pacific Co., 609 Mission St., at 3737, L.o.B. Co. San Francisco, weight 7,200 lbs., awarded contract by George D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., under Bid No. 1017, for furnishing and fabricating all structural steel, bolts for field connections, etc., for the Santa Lucia Creek Bridge.

Complete bids follow: Judson-Pacific Co., S. F.—\$373; f.o.b. S. F.; weight, 7,200 lbs.

Schrader Iron Works, Inc., S. F.—\$374; f.o.b. S. F.; 7,500 lbs.

Herrick Iron Works, Oakland—\$376; f.o.b. Oakland; 7,000 lbs.

Minneapolis Moline Power & Equipment Co., S. F.—\$470; f.o.b. Minneapolis; 7,500 lbs.

Bethlehem Steel Co., S. F.—\$480; f.o.b. Alameda; 7,200 lbs.

California Steel Products Co., S. F.—\$487; f.o.b. S. F.; 7,300 lbs.

## BIDS WANTED

**SAN DIEGO CO., Calif.**—Until Mar. 26, bids will be received by the San Diego county supervisors for the construction of a bridge over the San Dieguito River at the Del Mar Fair Grounds, to replace one washed out in the recent floods. Bids will be taken on a width of 40 feet, with alternative bids on a 50-ft. structure. The cost of the 40-ft., 3-lane bridge is estimated at \$18,500, and the 50-ft., or 4-lane structure, at \$21,500. Plans were prepared by Ernest R. Childs, County Surveyor, Miss C. Buckley, Clerk of the Board.

## BIDS OPENED

**EUREKA, Cal.**—Following bids received by George D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1029, for furnishing and fabricating all structural steel bolts for field connections, etc., for two 50-ft. continuous beam spans for the Horse Linto Creek Bridge; fob bidder's shipping point and/or Eureka:

Golden Gate Iron Works: \$1,279, fob San Francisco; weight 23,000 lbs.  
Independent Iron Works: \$1,349, fob Oakland; \$1,397, fob Eureka; wt. 24,000 lbs.

Schrader Iron Works: \$1,345, fob San Francisco; weight, 25,000 lbs.  
Minneapolis - Moline Power and Implement Co.: \$3,050, fob Minneapolis; weight 64,000 lbs.

Herrick Iron Works: \$1,492, fob Oakland; weight 24,710 lbs.  
Judson Pacific Co.: \$1,378; fob San Francisco; weight 24,600 lbs.

All bids for delivery in 60 days.

## CONTRACT AWARDED

**GLENN COUNTY, Calif.**—Charles Kuppinger, Box 356, Lakeport, at \$48,289 awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of four reinforced concrete slab bridges on concrete pile bents, and grading and applying road-mix surface treatment to roadway approaches, in Glenn Co., between points approximately 4 and 6 miles east of Butte City.

## BIDS OPENED

**REDDING, Cal.**—Following bids received by George D. Huestis, Assistant Procurement Officer, Forest Service, Phelan Bldg., San Francisco, under Bid No. 1208, for furnishing and fabricating all structural steel bolts for field connections, etc., for a 50-ft. beam span for Willow Creek Bridge; fob bidder's shipping point and/or Redding:

Judson Pacific Co.: \$1,483; fob San Francisco; weight 30,300 lbs.

Herrick Iron Works: \$1,591; fob Oakland; weight 30,400 lbs.

Independent Iron Works: \$1,032; fob Oakland; \$1,695 fob Redding; weight, 30,000 lbs.

Schrader Iron Works: \$1,585, fob San Francisco; weight 31,000 lbs.  
Minneapolis - Moline Power and Implement Co.: \$1,330, fob Minneapolis; weight, 26,000 lbs.; delivery in 30 days.

All bids for delivery in 20 days unless otherwise noted.

## BIDS WANTED

**SAN DIEGO CO., Calif.**—Until Apr. 8, 2 p.m., bids will be received by the State Division of Highways, C. H.

Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near San Onofre, consisting of one 73-ft. 0-in. span, two 53-ft. 0-in. spans, and two 30-ft. 8-in. spans on concrete bents and abutments with wing walls.

The work involves:

- (1) 33 M. gals. water;
- (2) 1,100 cu. roadway excav., uncl.;
- (3) 1,130 cu. conc. excav.;
- (4) 330 tons mineral aggregate (plant-mix surf.);
- (5) 17 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mix surf.);
- (6) 275,000 lbs. bar reinf. steel;
- (7) 1,420 cu. Class A portland cement concrete (struc.);
- (8) 22.5 cu. Class A portland cement concrete (trailing);
- (9) 3,130 lbs. cast steel rockers and bearings;
- (10) 74 Lf. 18-in. pipe covering;
- (11) 1 lot exist. property fence, moved and reset;
- (12) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Diego.

## LOW BIDDERS

**SAN LUIS OBISPO CO., Calif.**—Earl W. Heple, 494 Delmas Ave., San Jose, at \$7,866 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for widening a bridge across Santa Margarita Creek, about 13 miles north of San Luis Obispo.

F. O. Bohnett, Campbell, at \$8,000 submitted second low bid.

Complete bids will be published shortly.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

**SAN FRANCISCO**—Until Mar. 14, 12 M., bids will be received by the Park Commissioners, B. P. Lamb, Park Lodge, Golden Gate Park, for pulling 19 damaged piles and replacing with new crooneted piles, and an existing 3-pile dolphin to be wrapped and bolted, at the Yacht Harbor, Marina.

Specifications obtainable from the office of John M. Punnett, 58 Sutter Street.

## BIDS WANTED

**NAPA RIVER**—Until March 31, 3 p.m., new bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 858-37-209, for dredging and disposing of about 171,141 cu. y. of material in the Napa River.

The work is situated at the following locations:

- (a) Dredging the channel in Napa River from a point about 200 ft. northward from Eucy 3, near Goodluck Point, upstream for a distance of about 1800 ft., 100 ft. wide on the bottom, to a depth of 10 feet at mean lower low water.
- (b) Dredging an area about 1,650 ft. long and of a maximum width of about 150 ft. on the bottom, located in and adjoining the channel in Napa River, at Horseshoe Bend, to a depth of 10 feet at mean lower low water;

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

(c) Dredging an area about 1220 ft. long and of a maximum width of about 290 ft. on the bottom located in and adjoining the channel in Napa River, at Carr Bend, to a depth of 10 feet at mean lower low water;

(d) Dredging the channel in Napa River, from a point about 1,000 ft. downstream from the Napa Tanberry Wharf upstream for a distance of about 6,300 ft. to the Third St. Bridge, 75 ft. wide on the bottom to a depth of 10 ft. at mean lower low water, with a widening for a length of about 900 ft. from the bend opposite the Tanberry Wharf to and around Jack's Bend, so as to make a total channel width of from 150 ft. to 250 ft. on the bottom in said section, 10 ft. deep at mean lower low water.

On the previous bid opening the only bid received was that of Franks Contracting Co., 260 California St., at \$68,456.

Plans and specifications obtainable from the above office.

#### BIDS OPENED

**RICHMOND**, Contra Costa Co., Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at \$9.15 per c.y., submitted low bid to the Richmond City and County Engineer, City Clerk, for dredging a turning basin in front of Municipal Wharf No. 1 in Richmond Outer Harbor. Work involves dredging approximately 125,500 c.y. of material. Only other bidder was Franks Contracting Co., San Francisco, at \$9.17 per c.y. Bids taken under advisement.

#### CONTRACT AWARDED

**SAN MATEO** (cont.)—Standard Dredging Co., 325 Central Bldg., Los Angeles, at \$0.8419 per c.y., total \$179,336.57, awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, for dredging and disposing of approximately 2,006,320 c.y. of material in Redwood Creek, in connection with the construction of the Redwood City Harbor. The work will extend from deep water in San Francisco Bay at the mouth of the creek to a point about 2,500 ft. upstream from junction of Redwood Creek with West Point Slough.

#### 23—CANALS

##### CONTRACT AWARDED

**TURLOCK**, Stanislaus Co., Calif.—Ed Erickson, Rt. 4, Box 744, Modesto, at \$1,013, awarded contract by the Board of Directors of the Turlock Irrigation District for catch-lining in R. V. Meikie, chief engineer.

##### LOW BIDDERS

**BOISE PROJECT**, Idaho.—J. A. Terteling & Sons, Box 406, Boise, Idaho, at \$18,007, submitted low bid to the Bureau of Reclamation, Boise, R. J. Newell, Construction Engineer, under Spec. No. 721, for the construction of earthwork, canal lining and structures, Black Canyon Canal, Station 782 plus 80 to Station 1250 plus 00, Payette Division, Boise Project. Morrison-Knudsen Co., Boise, at \$195,567, submitted second low bid. Complete bids will be published shortly.

##### CONTRACT AWARDED

**ALL-AMERICAN CANAL**—Lewis Chambers Const. Co., 801 Baronne Blvd., New Orleans, Hotel De Arme, 233 4th St., New Orleans, at \$106,528.59 awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 713, for the construction

of railroad and highway siphons on the All-American Canal, Sta. 3579, 3683, 3710, and 3772, All-American Canal System, Boulder Canyon Proj., near Calexico.

#### 25—MACHINERY AND EQUIPMENT

##### CONTRACT AWARDED

**RIVERBTON PROJ.**, Wyo.—Bay City Shovel, Inc., Bay City, Mich. at \$11,148.68, delivered, awarded the contract by the Bureau of Reclamation, Denver, under Spec. No. 874-D for furnishing one crawler-traction mounted, full-revolving, diesel engine powered, convertible type, drag-line excavator, complete with power shovel attachments, for the Riverbton Project, Wyoming.

##### BIDS OPENED

**GRANDE PROJECT**, N. M., AND SNAKE RIVER PROJECT, Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 723, for furnishing: (1) two 6-ft. by 7.5-ft. high pressure gates complete; and (2) one 3.25-ft. by 3.25-ft. high pressure gate; for installation in the outlet works at the Caballo Dam, Rio Grande Project, New Mexico-Texas, and at the Grassy Lake Dam, Upper Snake River Project, Idaho.

Commercial Iron Works, Portland—(1) no bid; (2) \$3,425; f.o.b. Portland.

Koppers Co. (Western Gas Division), Fort Wayne, Ind.—(1) \$38,000; (2) \$7,000; f.o.b. Fort Wayne.

Western Foundry Co., Portland—(1) no bid; (2) \$5,479.14; f.o.b. Portland.

Joshua Hendy Iron Works, San Francisco—(1) \$49,225; (2) \$6,390; (1 & 2) \$52,175; f.o.b. Sunnyvale. Consolidated Steel Corp., Ltd., Los Angeles—(1) \$50,625; (2) \$6,490; f.o.b. Los Angeles. All bids net.

##### BIDS OPENED

**SAN FRANCISCO**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3526, for the rental of one power shovel,  $\frac{3}{4}$ -c.y. capacity, crawler type, for use on WPA project, f.o.b. 1.5 ml. southerly from Stony Brook School, Palomares Road, about six miles southeast of Hayward on Dublin Highway:

S. F. Grading Co.—\$7.25 per hour, net.

Eaton & Smith, San Francisco—\$7.25, net.

Gus DePaul, Oakland—\$7.50, net.

Pacific Pavements Co., Ltd.—\$8.00, net.

##### BIDS OPENED

**SAN MATEO COUNTY**, Cal.—Following bids received by the State Division of Highways, J. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one 1,000-gallon capacity, pneumatic-tired water truck, for approximately 480 hours, for use in San Mateo Co.

Portola Truck Service.....	\$194
K. J. Dowdy.....	199
Hayward Bldg. Materials Co.....	220
Hayward.....	220
D. J. McCabe.....	225
Bruno Skibo, Oakland.....	2345
F. Sutson.....	250
L. M. Immel, Berkeley.....	263
A. Morton, Menlo Park.....	270
Pacific Truck Service, Inc., San Jose.....	275
Chas. W. Beguhl, Milbrae.....	300
Pacific States Const. Co.....	300
J. Holland, Inc.....	324
A. E. Garcia, Jr., Irvington.....	325
Ashurst Bros., Hopland.....	349

All of San Francisco unless otherwise noted.

##### BIDS OPENED

**LOS ANGELES**, Cal.—Bids for furnishing 6-inch heavy duty centrifugal pump and 20 ft. 6-inch rough bore suction hose were opened by the L. A. County Purchasing Agent under Quot. No. 3445. The bids were: Smith Booth Usher Co. (Jaeger 6-PA heavy duty), \$1065; hose, \$93.

Brown-Bevis Equipment Co. (Rex 90M), \$959.50; hose, \$74. Harron, Rickard & McCone (Gorman & Rupp), \$859 complete with hose.

##### BIDS OPENED

**SAN FRANCISCO**—Lerer Bros., 375 11th St., San Francisco, at \$84.44 per month, less discount of 2% 20 days, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3533, for the rental of one 3-ton flat bed truck, with removable sides, for use on WPA projects, f.o.b. 1155 Page St., San Francisco.

Complete bids follow:

Lerer Bros., San Francisco—\$84.44 per month; 2% 20 days.

Cole Transfer Co., San Francisco—\$95, net.

Eaton & Smith, San Francisco—\$95, net.

Eaton Auto & Truck Rental, San Francisco—\$109, net.

25

##### BIDS OPENED

**SAN FRANCISCO**—Eaton & Smith, 715 Ocean Ave., at \$9.90 per hour, total \$92, including operator and oiler, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-201, for the rental of one dragline, convertible  $\frac{1}{2}$ -c.y. capacity, for approximately 80 hours, f.o.b. Fort Funston.

#### 29—STREETS AND HIGHWAYS

##### BIDS OPENED

**LOS ANGELES**, Cal.—Artukovich Bros., 912 S. Atlantic Blvd., Hynes, at \$54,785.84 submitted low bid to the Los Angeles board of public works for grading, paving and otherwise improving Vignes St. between 130 ft. north of Bauchet St. and Clara St., a PWA Project; No. 4361, Unit No. J.

The total bids were:

Artukovich Bros.....	\$54,785.84
Southern Calif. Roads Co.....	55,377.18
United Concrete Pipe Co.....	56,370.35
Gogo & Rados.....	57,013.21
Bent Brothers.....	57,013.21
Griffith Company.....	60,805.20
Engineer's estimate.....	54,804.36

##### BIDS WANTED

**LOS ANGELES**, Cal.—Until March 31, 10 A. M. bids will be received by the Los Angeles board of public works, 153 City Hall, for improvement of the alleys in block south of 21st St. and 11th St., Harbor District, under the 1911 Act. The work involves:

(1) lump sum, grading;  
(2) 6500 sq. ft. 5-in concrete pave.

##### CONTRACT AWARDED

**LOS ANGELES**, Calif.—Southern California Roads Co., 2145 E 25th St., Los Angeles, awarded contract by the Los Angeles board of public works, at \$17,939.32, for grading, paving and otherwise improving Washington Blvd bet. Harriet Street and Santa Fe Ave., a cash contract.

##### BIDS WANTED

**STATE OF WASHINGTON**—Until March 30, 10 A. M. bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Lincoln County: Surfacing with

CONSTRUCTION DEPARTMENT

crushed stone and constructing light bituminous surface treatment and bituminous retard surfacing on 6.8 miles of State Road No. 4, Junction State Road 2 to Keller Hill, involving about 5080 cu. y. crushed stone surfacing, 2700 cu. y. mineral aggregates, 180 tons bituminous cement, and other items.

**End Oreille Co.:** Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates, constructing light bituminous surface treatment on 30 miles of State Road 6, Section 1, McCloud Creek to Blue-aside; Section 2, Metaline Falls to British Columbia Line, involving about 18,390 cu. y. crushed stone surfacing, 9250 cu. y. mineral aggregates, 735 tons bituminous cement, etc.

**Douglas & Grant Cos.:** Manufacturing and stockpiling mineral aggregates on State Roads 7 and 10, Section 1, Vantage to Ephrata on State Road 7; Section 2, Wenasag to Quincy, State Road 10, involving about 19,370 cu. y. mineral aggregates.

**Spokane and Lincoln Cos.:** Manufacturing and stockpiling crushed stone surfacing and mineral aggregate materials, constructing bituminous macadam Class D penetration type on 18.1 miles of State Road 11, Cheney to Sprague, involving about 19,390 cu. y. mineral aggregates, 1800 cu. y. crushed stone surf. top course, shoulder material, 1611 tons of bituminous cement, and other items.

**Stevens County:** Surfacing with crushed stone, stockpiling mineral aggregates and constructing light bituminous surface treatment on 30.8 miles of State Road 2, Junction of State Road 3 to Northport, involving about 18,620 cu. y. crushed stone surfacing, 6300 cu. y. mineral aggregates, 760 tons of bituminous cement, 63 concrete cable guard rail posts design No. 5, and other items.

**Pierce County:** Paving with portland cement concrete and asphaltic concrete type I-1 and constructing timber, steel and concrete culvert on 0.6 mile of River St. Viaduct in Tacoma, involving about 2150 cu. y. excavation, 7380 cu. y. selected roadway borrow, 2925 sq. yds. cement concrete pavement, 210 tons asphaltic concrete pavement, 2825 cu. y. concrete 559,530 lbs. steel reinforcing bars, 348,000 lbs. structural carbon steel, 377,000 lbs. structural silicon steel, 380 MFBM creosote- and 12 MFBM zinc chloride treated timber and lumber, 31,500 ft. treated and 9000 ft. of untreated piling, 534 ft. of guard rail Type 3, 125 ft. of pipe culvert, etc.

Plans and specifications obtainable from the above office and upon deposit of \$2 per set.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.—A. R. Milosevich, 303 N. Alma St., Los Angeles, at \$4,534.55 awarded contract by the Los Angeles board of public works for improving Zenar Avenue between Murchison and Soto Streets; cash contract.**

**BIDS OPENED**

**MARSHALL FOR DAM, Texas.—Brown & Root, Inc., Austin, Texas, at \$13,825 submitted low bid to the Bureau of Reclamation, H. P. Bunger, Construction Engineer, Austin, under Spec. No. 888-D for the construction of street, driveway, and sidewalk grading and surfacing, and sewer and water systems for the Government camp at the Marshall Ford Dam, Colorado River Project, Texas.**

The dam is located on the Colorado River about 18 miles northwest of Austin, and the principal items of work involved are:

- (1) 1,350 cu. y. of excav. for grading streets, driveway, and sidewalks;

- (2) 600 cu. y. of compacted fill;
- (3) 2,370 lf. of excav. and backfill of sewer-pipe trenches;
- (4) 900 lf. of excav. and backfill of water-pipe trenches;
- (5) Furnishing and laying 2,320 lf. of 4-in. to 8-in. diameter sewer pipe;
- (6) Furnishing and installing four grease traps;
- (7) Constructing five sewer man-holes;
- (8) Furnishing and laying 1,305 lf. of 4-in. diam. water main;
- (9) Furnishing and installing 3 1/4-in. gate valves;
- (10) Furnishing and installing 12 1-in. to 2 1/2-in. water-service connections;
- (11) Furnishing and laying 1,235 lf. of 4-in. to 2-in. diam. service pipe;
- (12) Furnishing and installing 5 5/8-in. to 2-in. diam. curb stops and fire hydrant boxes;
- (13) Furnishing and installing three fire hydrants;
- (14) Furnishing and placing 4,000 lf. of timber curb boards;
- (15) Placing 600 cu. y. of bottom course of crushed-rock or crushed-gravel surfacing;
- (16) Placing 550 cu. y. top course of crushed-rock or crushed-gravel surfacing;
- (17) Furnishing and applying 4,000 gal. of liquid asphaltic road material.

Work shall be commenced within 10 calendar days and completed within 100 calendar days from the date of receipt of notice to proceed. Complete total bids follow: Brown & Root, Inc. Austin \$13,318.20 Kelly Const. Co., San Antonio, Texas \$14,786.10 R. D. Kitchens, Austin \$16,195.75 J. R. Blackmore, Austin \$17,819.90

**LOW BIDDERS**

**PIMA COUNTY, Arizona.—Tanner Const. Co., 312 S 11th Ave., Phoenix, at \$52,715 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Nogales Highway, E 56-A, 2nd Reop. (1937). AFE 8965. The work, which begins about 8 1/4 miles south of the south city limits of Tucson and extends southerly a distance of about 9 1/2 miles, consists of grading, filling borrow pits, fencing, and applying asphaltic surface treatment, and is to be completed on or before Aug. 31, 1937.**

- The principal items are:
- 39,300 cu. y. roadway excavation;
  - 3,700 cu. y. drainage excavation;
  - 14,500 sta. yds. overhaul;
  - 45,300 cu. y. mile haul;
  - 110,400 cu. y. imported borrow (CIP);
  - 1,000 gal. gals. sprinkling;
  - 1,200 hours rolling;
  - 51,500 lf. line fence;
  - 11 steel gates;
  - 3,750 gals. SC-2 road oil;
  - 50 tons cover coat conc. sand.
- The next to be awarded by Lee Moor Constr. Co., El Paso, Tex. \$54,784. Vinson & Pringle Phoenix, \$55,762

**AWARD RECOMMENDED**

**FRESNO & TULARE COS., Calif.—Award of a contract to Ralph A. Bell, Sherrick Bldg., Portland, at \$265,191.20, for grading 3 1/8 miles of Section A of the Fresno-General Grant Approach Road, Sequia National Forest, Fresno and Tulare Counties, has been recommended by District Engineer C. H. Sweetser of the Bureau of Public Roads, San Francisco.**

March 16, 1937.

**CONTRACT AWARDED**

**TULSA, Okla.—White & Miller, Box 2350, Tulsa, at \$99,232, submitted low bid and awarded contract by the Tucson City Council for paving**

streets in the Meblo Park District. P. P. Correll, Phoenix, at \$105,944.35, submitted the only other bid received. George W. Seeley, City Engineer.

**CONTRACT AWARDED**

**MILL VALLEY, Marin Co., Cal.—Vincent Maggiora, 15 Harrison Ave., Sausalito, at \$755.24 awarded contract by the Mill Valley City Council for the widening of a portion of the southern side of Throckmorton Ave. south of the intersection of Corte Madera Ave. with Throckmorton Ave.**

Complete bids published Mar. 5. Edw. K. Hussey, Syndicate Bldg., Oakland, city engineer. Will Falley, city clerk. 9

**BIDS WANTED**

**LOS ANGELES CO., Calif.—Until April 8, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 3.5 miles grading and paving with portland cement concrete and plant-mixed surfacing, in Los Angeles County, between Center St. and Firestone Blvd.**

- The work involves:
- (1) 187 sta. clear and grub right of way;
  - (2) 1,100 M. gals. water;
  - (3) 310 cu. y. remove exist. conc.;
  - (4) 43,500 cu. y. roadway excav. uncl.;
  - (5) 500 cu. y. struc. excav.;
  - (6) 100 cu. y. ditch and channel excav.;
  - (7) 420,000 sq. yds. overhaul;
  - (8) 110 tons grade E asphalt (membrane seal);
  - (9) 18,000 tons imported subgrade material;
  - (10) 44,000 sq. yds. preparing subgrade;
  - (11) 187 sta. finishing roadway;
  - (12) 58 tons liq. asphalt, MC-2 (prime coat);
  - (13) 9,500 tons mineral aggregate (plant-mix surf.);
  - (14) 500 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
  - (15) 2,200 sq. yds. asphaltic paint binder;
  - (16) 39,750 sq. yds. preparing, mixing and shaping shoulders;
  - (17) 40 tons liq. asphalt, SC-2 (prime coat);
  - (18) 482 tons liq. asphalt, SC-2 (shoulders);
  - (19) 8,610 cu. y. Class A portland cement concrete (pavement);
  - (20) 12 sections pave crossing device (Type C);
  - (21) 18,000 each pave dowels;
  - (22) 47,500 lb. bar reinf. steel (pave. and struc.);
  - (23) 220 cu. y. Class A portland cement concrete (struc.);
  - (24) 25,000 lbs. steel rail assemblies;
  - (25) 13,000 lbs. misc. iron and steel;
  - (26) 400 lf. removing and salvaging pipe culverts;
  - (27) 1,330 cu. y. drainage sump excav.;
  - (28) 1,510 cu. y. sand backfill;
  - (29) 17 each. adjusting manholes to grade;
  - (30) 2,210 cu. y. Class A portland cement concrete (curbs, gutters, and sidewalks);
  - (31) 750 lf. curb armor;
  - (32) 80 lf. laminated guard railing;
  - (33) 12 each. culvert markers.
- Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

**BIDS WANTED**

**STATE OF OREGON—Until Mar. 26, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Babcock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for highway construction as follows: Columbia County: Columbia In-**

ty Oiling Project on two sections of county road; 5.35 miles crushed rock surfacing and off mat surface treatment. Requires approximately 6,750 c.y. crushed rock surfacing materials, and 55,500 sq. yds. oil mat surface treatment.

**Gilliam, Sherman and Wasco Counties:** Memorial Park-Dillon and John Day River-Big Bend sections of Columbia River Highway. Furnish 13,000 c.y. crushed rock in stock pile.

**Klamath County:** Fort Klamath-Chiloquin Section of The Dalles-California and Chiloquin Highways. Furnish 8,500 c.y. crushed rock in stock pile.

**Multnomah County:** Rocky Point Section of Columbia River Highway; 1.05 miles grading and Portland cement concrete pavement. Requires approximately 54,000 c.y. excavation; 650 lf. cable guard fence; 110 c.y. concrete; 12,000 lbs. metal reinforcement; 12,700 c.y. crushed rock; 2,000 c.y. salvaged surfacing materials; 12,500 sq. yds. Portland cement concrete pavement; 18,500 sq. yds. oil mat surface treatment; and 350 sq. yds. asphaltic concrete pavement.

**Polk and Yamhill Counties:** Williams River Project, concrete pavement on Salmon River, McMinville-Tillamook and Dallas-Coast Highways. Furnish 10,000 c.y. crushed gravel or crushed rock in stock pile.

**Wasco County:** Shaniko Section of Sherman Highway; 4.75 miles surfacing and 4.83 miles oil mat surface treatment; also, furnish 2,250 c.y. crushed rock in stock pile. Requires approximately 57,000 sq. yds. oil mat surface treatment, and 24,000 c.y. crushed rock.

**Washington County:** Forest Grove-Hillsboro Section of Tualatin Valley Highway; 4.98 miles grade widening and 4.72 miles asphaltic concrete pavement. Requires approximately 9,000 c.y. excavation, 10,500 c.y. crushed rock; 3,000 lf. cable guard fence; 1,250 lf. concrete curb and gutter; 1,700 sq. yds. Portland cement concrete base; and 59,000 sq. yds. asphaltic concrete pavement.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00 per set.

**NOTICE TO BIDDERS**

STATE OF CALIFORNIA.—C. H. Pureell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised, bids to be opened in Sacramento March 31, and in Los Angeles April 1.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

Cost of the prints follows:  
H-S-25-a, bet. Gooden's Bar and Downville: PLANS (No. of Sheets) 12; (Cost) \$1.20; CROSS-SECTIONS (No. of Sheets) 110; (Cost) \$11; (Total) \$12.20.

N-S-D-Feeder Rd., PLANS (No. of Sheets) 6; (Cost) \$60; CROSS-SECTIONS (No. of Sheets) 4; (Cost) \$40; (Total) \$1.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany requests for the above plans, specifications, and proposal form to the office of State Highway Engineer, P. O. Box 1499, Sacramento.

**CONTRACT AWARDED**

SANTA BARBARA, Cal.—Western Motor Transfer, Inc., 118 State St., Santa Barbara, awarded contract by the Santa Barbara city council at

\$6.40 per ton or a total of \$4960 for improving Miplas St. between Ca-clique and Gutierrez Sts., about 0.6 mile, involving 775 tons of asphaltic concrete wearing surface, laid in place, average thickness, 1 1/4-in. C

Moore is the city engineer. The other bids were:  
P. J. Akmadzich, Los Angeles, \$6.48 per ton.  
Hensley-Moore Co., San Francisco, \$6.52 per ton.

**FRONT—Grading, Sewer & Water Systems, Etc.—(Govt.)**

FRONT, Fresno Co., Calif.—A. J. Clausen, 686 Cragmont, Berkeley, at \$24,905.98 submitted low bid to the Bureau of Reclamation, Walker R. Young, Construction Engineer, Sacramento, under Spec. No. 887-D for construction of street, alley, parking area, and sidewalk grading and surfacing, and sewer and water systems for the Government campsite at the Friant Dam, about 22 miles north of Fresno.

- The work involves:
- (1) 8,200 c.y. excav., complete for streets, alleys, etc.;
  - (2) 15 c.y. excav., rock, for do.;
  - (3) 500 sta. c.y. overhaul;
  - (4) 1,500 c.y. compacting fills;
  - (5) 15 c.y. excav., rock, in trenches;
  - (6) 5,820 lf. excav. and backfill of sewer pipe trench;
  - (7) 1,220 lf. excav., and do.;
  - (8) 30 c.y. excav., common, and do.;
  - (9) 2,700 lf. furnishing and laying 4-in. dia. sewer pipe, fittings and specials;
  - (10) 2,900 lf. furnishing and laying 6-in. dia. do.;
  - (11) 1,300 lf. furnishing and laying 10-in. dia. do.;
  - (12) 140 lf. furnishing and laying 10-in. dia. extra heavy cast iron soil pipe;
  - (13) 50 lf. furnishing and laying 18-in. dia. corrugated metal pipe;
  - (14) 25 grease traps, furnish and install;
  - (15) 11 manholes;
  - (16) 5 additional ft., price per foot;
  - (17) sand-cushion foundation for water-storage tank (dump sum);
  - (18) 3,200 lf. excav. and backfill of waterpipe trench;
  - (19) 5 c.y. excav., common, and do.;
  - (20) 2,500 lf. furnishing and laying 6-in. dia. steel pipe and fittings

- (21) 1,450 lf. furnishing and laying 4-in. dia. do.;
- (22) 4 6-in. gate valves;
- (23) 1 4-in. gate valve;
- (24) 6 2-in. dia. water service connections;
- (25) 4 1 1/2-in. dia. do.;
- (26) 1 1 1/4-in. dia. do.;
- (27) 14 1-in. dia. do.;
- (28) 5 3/4-in. dia. do.;
- (29) 250 lf. 12-in. dia. service pipe and fittings;
- (30) 600 lf. 1 1/4-in. dia. do.;
- (31) 480 lf. 1-in. dia. do.;
- (32) 2 200 3/4-in. dia. do.;
- (33) 6 units 2-in. dia. curb stops and service boxes;
- (34) 3 units 1 1/4-in. dia. do.;
- (35) 1 unit 3/4-in. dia. do.;
- (36) 8 fire hydrants;
- (37) 12,500 lf. furnish and place timber curb boards;
- (38) 1,500 c.y. bottom course of crush. rock or crush. gravel surfacing;
- (39) 1,500 c.y. top course of do.;
- (40) 10,800 gals. furnish and apply liquid asphaltic road material.

Work shall be commenced within 15 days and finished within 150 days from date of receipt of notice to proceed.

- Total bids follow:
- (A) A. J. Clauson, Berkeley, \$24,905.98.
  - (B) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, \$25,694.35.
  - (C) W. J. Tobin, Oakland, \$29,300.20.
  - (D) P. L. Burr, San Francisco, \$33,871.30.
  - (E) Leo F. Piazza, San Jose, \$34,291.00.
  - (F) John Jurkovich, Fresno, \$37,143.71.
  - (G) Macco & Robertson, Ltd., Clearwater, \$42,462.00.
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.20	\$.30	\$.35	\$.64	\$.30	\$.20	\$.94
(2)	2.50	3.00	1.50	2.50	1.25	3.00	3.00
(3)	.015	.03	.015	.02	.015	.03	.06
(4)	.10	.33	.05	.20	.22	.30	.25
(5)	2.50	3.00	5.00	6.00	2.00	3.00	3.00
(6)	.20	.24	.65	.21	.24	.40	.30
(7)	.20	.48	.78	.45	.37	.50	.30
(8)	1.50	1.94	5.00	3.50	2.25	3.00	2.00
(9)	.343	.35	.29	.44	.40	1.00	.40
(10)	.75	.82	.82	.47	.70	1.20	.70
(11)	.72	.82	.73	.98	1.20	1.30	1.00
(12)	3.63	3.00	6.00	4.75	7.50	3.00	4.00
(13)	2.00	1.85	6.00	2.50	3.00	3.00	2.00
(14)	17.04	28.50	20.00	23.50	40.00	40.00	25.00
(15)	60.00	82.00	100.00	65.00	100.00	100.00	60.00
(16)	12.00	11.60	9.00	3.50	15.00	20.00	10.00
(17)	80.00	200.00	35.00	60.00	200.00	500.00	200.00
(18)	.105	.20	.40	.20	.23	.30	.12
(19)	1.00	1.25	2.00	2.00	1.50	5.00	1.00
(20)	.686	.81	.74	.955	1.10	1.50	.70
(21)	.43	.54	.54	.64	.75	1.40	.50
(22)	45.78	57.00	50.00	58.00	54.00	50.00	40.00
(23)	32.33	45.00	38.00	40.00	40.00	35.52	21.00
(24)	12.26	16.75	2.50	18.00	18.00	20.00	13.00
(25)	7.72	11.00	2.50	14.00	12.00	15.00	8.00
(26)	5.16	10.30	2.00	11.00	9.00	12.00	8.00
(27)	4.38	5.30	2.00	7.00	7.50	10.00	5.00
(28)	3.04	4.40	2.00	5.00	6.00	8.00	4.00
(29)	.27	.28	.50	.52	.40	.40	.40
(30)	.175	.25	.40	.34	.25	.25	.40
(31)	.14	.19	.40	.20	.24	.30	.30
(32)	.105	.12	.30	.20	.18	.20	.25
(33)	11.81	19.35	14.00	14.00	15.00	20.00	15.00
(34)	5.78	11.00	8.00	11.00	8.00	15.00	10.00
(35)	4.41	8.00	3.00	4.50	6.00	14.00	7.00
(36)	26.72	32.25	50.00	28.00	40.00	40.00	35.00
(37)	.088	.09	.07	.06	.15	.20	.16
(38)	3.45	2.58	2.55	3.17	3.00	3.00	7.00
(39)	3.45	2.45	2.55	3.00	3.00	3.00	7.00
(40)	.115	.11	.09	.10	.11	.05	.09



**BIDS WANTED**

**STATE OF OREGON.**—Until Mar. 25, 9 a.m. bids will be received by the Oregon State Highway Commission, R. H. Baldeck, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway and bridge construction, as follows:

**Cosos and Douglas Counties:** Myrtle Point-Mystic Creek Section of Cosos Bay-Roseburg Highway. Furnish 11,400 c.y. crushed rock in stock pile.

**Douglas County:** Turkey Hill-Chenoweth Park Section of Pacific Highway; 1.16 miles grading and 0.8 mile Portland cement concrete pavement. Requires approximately 46,000 c.y. excavation; 4,700 c.y. pit-run gravel base; 1,100 c.y. crushed rock or crushed gravel shoulders; and 10,300 sq. yds. Portland cement concrete pavement.

**Klamath County:** Beatty-Bly Section of Klamath Falls-Lakeview Highway. Furnish 5,700 c.y. crushed rock in stock pile. This project may be bid in combination with Klamath Falls Rock Production Project in Klamath County.

**Klamath County:** Klamath Falls Rock Production Project on the Dalles-California, Green Springs and Klamath Falls-Lakeview Highways. Furnish 20,100 c.y. crushed rock in stock pile. This project may be bid in combination with Beatty-Bly Rock Production Project in Klamath County.

**Umatilla County:** Pendleton-Myttinger Section of Old Oregon Trail; 1.1 miles grading, surfacing and bituminous macadam wearing surface. Requires approximately 72,000 c.y. excavation; 5,500 c.y. pit-run gravel topping; 1,000 c.y. salvaged surfacing materials; 700 c.y. crushed rock shoulders; and 13,000 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Stanfield-Pendleton Project in Umatilla County.

**Umatilla County:** Stanfield-Pendleton Section of Old Oregon Trail and two sections of secondary highways; 24.7 miles crushed rock surfacing; 20.4 miles bituminous macadam wearing surface; 4.3 miles oil mat surface treatment; also furnish 6,200 c.y. crushed rock in stock pile. Requires approximately 309,000 sq. yds. bituminous macadam wearing surface and oil mat surface treatment; and 33,000 c.y. crushed rock.

**Yamhill County:** Bellevue-Pringle Corner Section of McMinnville-Thiamook Highway; 2.82 miles grading and Portland cement concrete pavement; also 87-foot pile trestle bridge. Requires approximately 44,000 c.y. excavation; 130 c.y. concrete; 21,800 lbs. metal reinforcement; 660 lf. treated piling; 22 MFBM treated lumber; 190 lf. concrete handrail; 21,500 c.y. crushed rock or crushed gravel; and 36,500 sq. yds. Portland cement concrete pavement.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5 per set.

**AWARD RECOMMENDED**

**TEHAMA CO., Calif.**—Award of a contract to A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$54,380.25, for approximately 4,675 miles of treated crushed rock surfacing on Section B of the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama county, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

**PLACER COUNTY—2.9 MI. GRADE & PAVE—(State)**

**PLACER CO., Calif.**—Basich Bros., 20550 Normandie Ave., Torrance, at \$122,902.36, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.9 miles grading and paving with portland cement concrete in Placer County, between Rocklin and Loomis.

- The work involves:
- (1) 156 sta. clear and grub right of way;
  - (2) 750 M. gals. water;
  - (3) 1,950 c.y. remove existing concrete pavement;
  - (4) 65 c.y. remove existing stone and concrete struc.;
  - (5) 43,000 c.y. rdwy. excav., unclass.
  - (6) 1,350 c.y. struc. excav.;
  - (7) 372,000 sta. yds. overhaul;
  - (8) 34,300 sq. yds. preparing sub-grade;
  - (9) 156 sta. finishing rdwy.;
  - (10) 2,500 tons untreated crushed gravel or stone surf.;
  - (11) 700 c.y. salvaged surf. (borders and road approaches);
  - (12) 175 tons min. aggregate (plant-mix surface);
  - (13) 9 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
  - (14) 82 tons liquid asph. SC-2 (prime coat and penetration oil treatment);
  - (15) 146 tons sand (prime coat and penetration oil treat.);
  - (16) 70 tons liquid asph. 90-95 (seal coat);
  - (17) 500 tons screenings;
  - (18) 6,900 c.y. Class A Portland cement concrete (pave.);

- (19) 13,896 each pavement dowels;
- (20) 20 sections pave crossing ditches (Type A-10);
- (21) 4 sections do (Type B-10);
- (22) 35,500 lbs. bar reinf. steel;
- (23) 102 c.y. Class A Portland cement concrete (struc.);
- (24) 282 lf. 8-in. CMP;
- (25) 550 lf. 12-in. CMP;
- (26) 36 lf. 15-in. CMP;
- (27) 604 lf. 18-in. CMP;
- (28) 300 lf. 24-in. CMP;
- (29) 100 lf. 30-in. CMP;
- (30) 16 each cast steel frames and covers for drop inlets;
- (31) 112 lf. clean and relay existing pipe culverts;
- (32) 582 lf. clean and salvage do;
- (33) 10,860 lf. existing pipe line, removed and disposed of;
- (34) 7 each spillway assemblies;
- (35) 2,450 lf. temporary guard railing;
- (36) 28 each culport markers;
- (37) 86 each guide posts;
- (38) 25 each monuments;

- Total bids follow:
- (A) Basich Bros., Torrance \$122,902.36
  - (B) N. M. Ball Sons & Larsen Bros., Berkeley 124,770.76
  - (C) A. Teichert & Son, Inc., Sacramento 127,488.10
  - (D) Fredrickson & Watson Constr. Co., and Fredrickson Bros., Oakland 128,101.00
  - (E) Hanrahan Co., San Francisco 129,054.00
  - (F) Fredericksen & Westbroek, Lower Lake 129,468.68

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$4.25	\$10.00	\$4.00	\$12.00	\$5.00	\$6.00
(2)	.60	1.40	1.20	1.30	2.50	.75
(3)	1.00	2.00	1.75	1.35	1.25	1.50
(4)	3.00	4.00	5.00	3.80	4.50	8.00
(5)	.33	.44	.36	.31	.40	.40
(6)	1.50	2.00	1.20	1.00	1.50	1.50
(7)	.006	.0075	.005	.01	.005	.004
(8)	.09	.10	.10	.09	.08	.06
(9)	6.90	7.00	6.90	9.00	12.00	6.00
(10)	2.10	2.40	2.25	2.50	2.00	2.00
(11)	.60	1.50	1.00	.65	1.00	1.00
(12)	4.60	4.50	4.50	3.50	3.50	4.00
(13)	18.00	20.00	20.00	24.00	22.00	20.00
(14)	13.00	14.00	15.00	14.00	18.00	13.00
(15)	2.25	3.00	3.50	2.60	3.00	2.90
(16)	20.00	17.00	20.00	19.50	23.00	18.00
(17)	2.25	2.75	3.50	2.60	4.00	2.25
(18)	9.50	8.15	9.50	9.70	9.90	10.40
(19)	.21	.21	.20	.20	.20	.23
(20)	35.00	100.00	50.00	45.00	35.00	40.00
(21)	25.00	75.00	40.00	65.00	25.00	40.00
(22)	.07	.065	.07	.11	.07	.07
(23)	25.00	25.00	24.00	25.00	23.50	30.00
(24)	1.00	.90	1.00	1.10	1.00	1.00
(25)	1.30	1.25	1.25	1.40	1.20	1.40
(26)	1.50	1.50	1.70	1.75	1.50	1.60
(27)	1.80	2.00	1.40	2.00	2.00	2.00
(28)	2.40	2.50	2.75	3.12	2.75	2.75
(29)	3.00	3.20	3.25	4.00	3.20	3.50
(30)	50.00	50.00	50.00	45.00	50.00	36.00
(31)	.72	.50	.75	.65	.80	.75
(32)	.48	.40	.50	.40	.60	.50
(33)	.12	.30	.50	.29	.17	.35
(34)	12.00	15.00	15.00	15.00	17.50	15.00
(35)	.55	.60	.50	.40	.65	.75
(36)	1.80	2.50	3.00	2.00	2.00	3.00
(37)	2.40	2.50	3.00	2.50	1.80	3.00
(38)	3.00	2.50	3.00	3.00	2.50	3.00

## Hot Process Galvanizing

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## It Saves More Than It Costs

**CONTRACT AWARDED**

**SAN JOAQUIN & Stanislaus Cos., Cal.—Basich Bros., 20530 Normandie Ave., Torrance, at \$46,285.80 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 4.6 miles grading and applying road-mix surface treatment in San Joaquin and Stanislaus Counties, between Vernalis and Gates Road.**

**CONTRACT AWARDED**

**SAN DIEGO, Cal.—David H. Ryan, 1615 Fern St., San Diego, at \$411,850.35 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about eight miles grading, paving with portland cement concrete, and placing plant-mixed surfacing on crusher run base, in San Diego County, between Las Flores underpass and one mile south of San Onofre.**

**31—PIPE LINES & WELLS****BIDS WANTED**

**COLORADO RIVER PROJECT, Texas—Until April 10 a.m., bids will be received by the Bureau of Reclamation, Austin, H. P. Bunger, Construction Engineer, under Spec. No. 899-D, for drilling and casing a 6-inch diam. well to required depth, and testing the well for water supply at the Government Camp at the Marshall Ford Dam, Colorado River Project, Texas. The work is located about 18 mi. northwest of Austin.**

Work shall be commenced within 10 calendar days and completed within 30 calendar days after date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Austin or Denver, without charge to prospective bidders; to others, \$0.50, not returnable.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****BIDS WANTED**

**LOS ANGELES, Cal.—Until March 31, 10 A. M., bids will be received by the Los Angeles board of public works, 153 City Hall, for the construction of a sanitary sewer system in Summerland Ave. and Hanford Ave. Sewer District, San Pedro District, under the 1911 Act.**

The work involves:

- (1) lump sum—sanitary sewer;
- (2) 350 ft. house connection sewers;
- (3) 7460 sq. ft. Class A resurfacing.

Est. cost, \$5216.50.

The sanitary sewer involves: 2361 ft. 8-in. vitrified clay sewer pipe 300 ft. 6-in. do;

- 23 1/2 bends;
- 1 flushing manhole "E";
  - 7 manhole "B";
  - 2 junction chamber "F";
  - 1 junction chamber "G".

**PLANNED**

**LINCOLN CO., Nev.—E. L. Nores, chairman of the Sewer Committee of the Community Center, Ploche, has announced that the Board of County Commissioners will ask the Lincoln county representatives in the state**

legislature to seek passage of a bill permitting the town of Ploche to issue bonds not to exceed \$25,000 for the construction of sewers. Mr. Nores also asked the board to furnish to the WPA the following equipment to be used on the project within the next two weeks: Two dump trucks, one Caterpillar and blade, one compressor, two jackhammers, and equipment and a motor scarifier. The project will be under the supervision of J. P. King, resident WPA engineer.

**ESMERALDA CO., Nev.—10.68 Mi. Highway Con.—(State)**

**ESMERALDA CO., Nev.—Nevada Rock & Sand Co., Inc., 41 E. Taylor St., Reno, at \$81,833.32, as previously reported, submitted low bid and was awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Esmeralda County, Route 47, Section 5, between a point approximately 10 miles south of Blair Junction and Silver Peak, a length of approximately 10.68 miles.**

The work involves:

- (1) 25 each remove wooden culverts;
- (2) 30,300 c.y. rdwy. excav.;
- (3) 78,146 yd. sta. overhaul;
- (4) 4,314 c.y. select borrow;
- (5) 1,846 c.y. imported borrow;
- (6) 1,800 c.y. struc. excav.;
- (7) 10.68 miles subgrads;
- (8) 10.68 miles finish rdwy.;
- (9) 35,300 tons crushed gravel or stone surface;

- (10) 50 c.y. Class A concrete;
  - (11) 84 c.y. Class B concrete;
  - (12) 7,200 lbs. reinforcing steel;
  - (13) 270 c.y. cement rubble masonry;
  - (14) 474 lf. 18-in. corr. metal pipe (dipped);
  - (15) 1,072 lf. 24-in. do;
  - (16) 152 lf. 30-in. do;
  - (17) 88 lf. 36-in. do;
  - (18) 34 lf. 12-in. vitrified pipe;
  - (19) 152 lf. 24-in. do;
  - (20) 60 each monuments;
  - (21) lump sum, misc. items.
- To bids follow:
- (A) Nevada Rock & Sand Co., Inc., Reno, \$81,833.32.
- (B) George Pollock Co., Sacramento, \$83,751.92.
- (C) Isbell Const. Co., Reno, \$83,807.02.
- (D) Utah Const. Co., Ogden, \$85,155.42.
- (E) George French, Jr., Stockton, \$85,569.18.
- (F) Engineer's estimate, \$77,595.92.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$10.00	\$ 5.00	\$10.00	\$10.00	\$30.00	\$10.00
(2)	.37	.42	.40	.43	.43	.35
(3)	.02	.02	.02	.02	.03	.02
(4)	.50	.50	.50	.50	.40	.35
(5)	.50	.55	.55	.55	.40	.40
(6)	1.50	1.00	1.50	1.50	1.00	1.50
(7)	100.00	100.00	100.00	100.00	100.00	100.00
(8)	200.00	100.00	200.00	300.00	150.00	300.00
(9)	.60	.55	.55	.55	.60	.55
(10)	32.00	40.00	30.00	30.00	30.00	30.00
(11)	32.00	45.00	30.00	30.00	30.00	30.00
(12)	.08	.10	.07	.07	.08	.08
(13)	16.00	10.00	20.00	16.00	15.00	15.00
(14)	2.50	3.00	2.50	2.00	2.25	2.00
(15)	3.00	3.75	3.50	3.00	3.00	3.00
(16)	4.00	4.50	4.00	4.00	3.50	4.00
(17)	6.00	6.00	6.00	6.00	5.00	5.50
(18)	2.00	3.00	2.00	2.00	1.25	2.00
(19)	5.00	5.00	4.25	3.50	4.00	3.50
(20)	5.00	4.00	4.00	3.50	3.00	4.00
(21)	300.00	200.00	250.00	250.00	200.00	250.00

**ALAMEDA—OTIS DRIVE PAVING—(City)**

**ALAMEDA, Alameda Co., Calif.—Heafey-Moore Co., 314 High Street, Oakland, at \$26,130, submitted low bid to the Alameda City Council, D. E. Dyer, City Clerk, for the paving of Otis Drive from Mound St. to Bay Farm Island Bridge.**

The work involves:

- (1) 136,800 sq. ft. grading;
- (2) 1,200 tons asphaltic concrete, leveling course;
- (3) 1,200 tons asphaltic concrete, Type C top course;
- (4) 2,600 tons crusher run base;
- (5) 3,328 lf. concrete curbing;
- (6) 6,160 sq. ft. concrete gutters;
- (7) 5,000 sq. ft. gutter bridges;
- (8) 35 lf. 10-in. corrugated iron culvert;
- (9) 132 lf. 8-in. x 24-in. corrugated iron culvert;

- (10) 3 each, catchbasins;
- (11) 210 c.y. Class A concrete, retaining wall.

Total bids follow:

- (A) Heafey-Moore Co., Oakland, \$26,130.00
- (B) Independent Constr. Co., Oakland, 27,009.20
- (C) Francisco, 28,758.00
- (D) Lee J. Immel, Berkeley, 30,240.84
- (E) Ransome Co., Emeryville, 30,995.00
- (F) Fredrickson & Watson Constr. Co., Oakland, 30,965.88
- (G) Hanrahan Co., San Francisco, 31,056.40
- (H) Charles L. Harney, San Francisco, 33,450.40

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$0.01	\$0.01	\$0.0075	\$0.03	\$0.015	\$0.015	\$0.015	\$0.0125
(2)	3.75	4.25	5.00	4.00	4.90	4.55	3.85	5.50
(3)	4.00	4.45	4.00	4.50	5.05	4.55	4.20	6.50
(4)	1.95	2.00	2.00	2.15	2.60	2.25	2.95	2.20
(5)	.25	.40	.50	.53	.52	.70	.55	.55
(6)	.25	.25	.30	.25	.26	.29	.35	.45
(7)	.50	.25	.30	.25	.26	.60	.50	.35
(8)	1.50	1.75	1.50	2.00	1.30	1.58	2.50	1.75
(9)	3.50	3.50	3.00	3.00	3.10	3.00	2.25	2.50
(10)	45.00	60.00	75.00	50.00	62.75	80.00	75.00	50.00
(11)	32.00	30.00	29.50	30.00	27.80	33.50	32.50	30.00

George Sperbeck, City Engineer.

Bids forwarded to the State Division of Highways, Sacramento, with the recommendation that award be made to the low bidder.

**"INDICATOR - SIX"** the plug fuse with the Neon indicator.

Listed by Underwriter's Laboratories.

PACIFIC INDICATOR COMPANY

115 Tenth Street

San Francisco

**PLANNED**

**HEALDSBURG, Sonoma Co., Cal.**—The City Council plans the construction of a modern sewage pumping and purification plant to cost approximately \$35,000. A special election will probably be held in May to vote sufficient bonds to finance the project.

H. N. Jenks, 2701 Benvenue, Berkeley, consulting engineer.

**BID OPENING POSTPONED**

**SACRAMENTO CO., Calif.**—Until March 29, 2 P. M., bid opening date postponed from March 16, previously reported, bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for construction and completion of sanitary sewers at the air base. The bids will be opened in the office of the Builders' Exchange, 720 I St., Sacramento.

A slight revision in plans by the Quartermaster General's office in Washington necessitates the postponement of the bid opening.

Complete list of bid items published February 19.

**33— WATER WORKS**

March 16, 1937.

**BIDS WANTED**

**LOS ANGELES.**—Until March 29, 2 p.m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for dismantling, transporting and erecting Sunland tank, PWA Docket 1929-R-Unit No. 32-b. Spec. X-98.

The items are:

- (1a) 2110 c.y. excav. and embankment for tank site and road to tank, lump sum;
- (1b) dismantling existing Mead tank, disposing of lumber, lump sum;
- (2a) transporting dismantled Mead tank to new Sunland site, lump sum;
- (2b) prepare base, erect and rivet tank and roof trusses, remove existing protective coating, construct wooden roof, install tank appurtenances, inlet-outlet and blowoff lines complete, sand-blasting and applying protective coating, complete, lump sum;
- (2c) disposing of rejected tank bottom, lump sum;
- (2d) prepare base, furnish and install new welded steel bottom, erect and rivet tank and roof trusses, etc., as in item (2b), lump sum;
- (2e) price per hour for labor, material and equipment for repair tank bottom and/or shell plates by spot welding pit holes.

**BIDS WANTED**

**SAN FRANCISCO.**—Until April 7, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under W.D. Contract 137, for the removal of approximately 75 ft. of 23-in. steel pipe, the laying of approximately 25 ft. of 24-in. steel pipe, laying of approximately 365 ft. of 30-in. steel pipe, setting of such valves and fittings as may be required, the cutting in of two blow-off connections to an existing 16-in. cast-iron main, and the making of the connections between the proposed 30-in. steel main and the existing mains or gates. The work is located at the County line.

As it will be necessary to limit the period of shut down of the 54-inch San Andreas pipe line to 24 hours, the contractor should be prepared to work continuously in order to relocate the 24-inch gate valve.

The work involves:

- (1) 390 l.f. fabrication, lining and coating of steel pipe with single standard wrapping;

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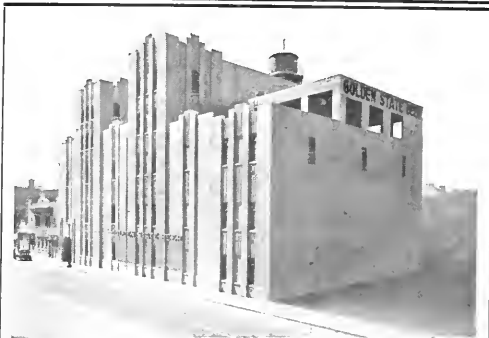
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**San Francisco Brewing Corporation**

470-490 TENTH STREET

- (2) Additional field joints, round-about seams from 30-inch diam. steel pipe;
- (3) 390 l.f. excavation and backfill of trench for 24-in. and 30-in. diam. pipe;
- (4) 150 c.y. additional excavation and backfill for trench below the grade;
- (5) 390 ft. installation of steel pipe 24-in. and 30-in. diam.;
- (6) 12,000 lbs. installation of fittings, gate valves, etc.;
- (7) 10 l.f. bell and spigot joints, making joints for pipe and fittings. Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10

**BIDS WANTED**

**SAN FRANCISCO.**—Until March 26, 11:30 a.m. bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,003, for installing Section E, District Extension to auxiliary water supply system for fire protection. Estimated cost, \$30,500

The work involves:

- (1) (16 lengths) approximating 14 tons, 12-in. Cl. H double spigot lugged pipe, furnished tested and delivered;
- (2) (38 lengths) approximating 25 tons, 10-in. Cl. H double spigot lugged pipe, furnished tested and delivered;

**NOTE**—Items 1 and 2 Cast Iron Pipe shall be furnished by the Contractor

**Cast Iron Pipe and Special Castings in Place**

- (3) 72 l.f. 12-in. Cl. G bell and spigot lugged;
- (4) 783 l.f. 12-in. Cl. G bell and spigot plain;
- (5) 156 l.f. 12-in. Cl. H double spigot lugged;
- (6) 648 l.f. 12-in. Cl. H double spigot plain;
- (7) 2344 l.f. 10-in. Cl. H double spigot lugged;
- (8) 84 l.f. 8-in. Cl. H bell and spigot lugged;

**NOTE**—Items 3 to 8, inclusive—Some of the pipe and special castings will be furnished by the City. Such pipe as the City does not have on hand shall be furnished by the Contractor under Bid Items 1 and 2. Such special castings as the City does not have in stock shall be furnished by the Contractor as hereinafter called for:

- (1) 7 each, 10-in. gate valves, furnished, tested and delivered;
- (2) 11 each, 8-in. gate valves, furnished, tested and delivered;
- (3) 12 each, standard high pressure hydrants, furnished, tested and delivered;
- (4) 7 each, 10-in. gate valves, in place;
- (5) 11 each, 8-in. gate valves, in place;
- (6) 12 each, standard high pressure hydrants in place;

**NOTE**—Items 9 to 14, inclusive—Valves and Hydrants shall be furnished by the Contractor.

- (15) 25,139 lbs. pig lead, furnished and delivered;
- (16) 8,463 lbs. cast steel special castings, furnished and delivered;
- (17) 15,407 lbs. cast iron special castings, furnished and delivered;
- (18) 5,000 lbs. manhole and valve-box cast iron frames, covers and dust pans, furnished and placed;
- (19) 14,815 lbs. wrought iron bolts, nuts, tie-rods, sleeve nuts and washers, furnished and placed;
- (20) 360 lbs. reinforcing steel, furnished and placed;
- (21) 10 c.v. Class B concrete, in place;
- (22) 1980 c.y. excavation and backfill;
- (23) 9100 sq. ft. asphaltic-concrete pavement (2-in. to 6-in. Class F concrete);
- (24) 400 sq. ft. brick pavement, on

- Class F concrete base, 6 inches thick;
- (25) 100 sq. ft. concrete sidewalks, two course;
- (26) 4 c.y. crushed rock, furnished and placed.

**NOTE**—Items 15 to 26, inclusive—All material shall be furnished by the Contractor.

Plans and specifications obtainable from the office of City Engineer John Casey, Room 351, City Hall, upon deposit of \$10.

**BIDS OPENED**

**MARICOPA CO., Ariz.**—Roscoe Moss Co., 4360 Worth St., Los Angeles, submitted the only bid to the U. S. Indian Irrigation Service, Los Angeles, for drilling, casing, perforating, sand-pumping and testing one standard water supply well on Oak Chin Indian Reservation, 2½ miles southwest of town of Maricopa in Maricopa County, Arizona, under Invitation No. 6982. The bid was based on contractor furnishing labor, materials, and equipment as follows: (1) \$8.95 ft.; (2) testing, lump sum, \$385; (3) extra work, \$4 hour; total, not including extra work, \$2175.

**CONTRACT AWARDED**

**GRASS VALLEY, Nevada Co., Cal.**—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at \$4,296.48, awarded contract by the Grass Valley City Council for furnishing asphalt-wrapped, steel-welded pipe and fittings for use in construction of the Washington Hill water main.

**34— PARKS AND PLAY GROUNDS****BIDS WANTED**

**SACRAMENTO.**—Until March 18, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. DeLeon, City Clerk, City Hall, for furnishing and installing 520 l.f. of 6-ft. chain link fence around the children's playground area in McKinley Park.

Plans and specifications obtainable from the above office. \* 34

March 15, 1937

**BIDS OPENED**

**ROSEVILLE, Placer Co., Calif.**—R. C. Boushy, Sacramento, at \$838, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Roseville.

Only other bid was submitted by California Nursery Co., Niles, at \$1,314.

**LOW BIDDER**

**SALINAS, Monterey Co., Calif.**—Harriet Hodgson, Salinas, at \$2,670, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Salinas.

**BIDS WANTED**

**NORTH HOLLYWOOD, Los Angeles Co., Calif.**—Until April 2, 10 a.m., bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at North Hollywood.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at North Hollywood.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—The Palm Springs Builders' Supply Co., Ltd., awarded contract by S. A. Joseph, purchasing agent, Metropolitan Water District, at \$9690, for furnishing 6000 cu. yd. gravel, delivered at East Point, San Jacinto Tunnel, Bid No. 79457. Bids were opened March 13.

The only other bidder was the San Geronio Rock Products Co., at \$14,000, plus \$420 sales tax.

**BIDS OPENED**

**LOS ANGELES.**—Bids for furnishing hydraulically operated gate valves were opened by D. P. Nicklin, purchasing agent, Dept. of Water & Power, Los Angeles, under Spec. X-95. The items were:

- (1) two 24-in. (differential pressure, 40 lbs. per sq. in.);
- (2) three 36-in. (differential pressure, 40 lbs. per sq. in.);
- (3) one 24-in. (differential pressure, 100 lbs. per sq. in.);
- (4) two 14-in. (differential pressure 80 lbs. per sq. in.);
- (5) one 10-in. (differential pressure, 80 lbs. per sq. in.);
- (a) L.o.b. bidder's shipping point;
- (b) L.o.b. Fletcher Drive Pumping Station.

The bids were:

Kennedy Valve Co.—(1) (a) \$438.26, (b) \$497.13; (2) (a) \$728.26, (b) \$833.50; (3) (a) \$498.64, (b) \$564.61;

(4) (a) \$171.77, (b) \$191.62; (5) (a) \$98.96, (b) \$108.40.

Iowa Valve Co.—(1) (a) \$475, (b) \$450; (2) (a) \$686.50, (b) \$790; (3) (a) \$929, (b) \$575; (4) (a) \$200.50, (b) \$215.24; (5) (a) \$118.30, (b) \$127.

Crane Co.—(1) (b) \$699.50; (2) (b) \$819.50; (3) (b) \$984.50; (4) (b) \$255.66; (5) (b) \$157.96.

Chapman Valve Co.—(1) (a) \$464, (b) \$516.73; (2) (a) \$670, (b) \$737.79;

(3) (a) \$557, (b) \$615.11; (4) (a) \$190, (b) \$207.58; (5) (a) \$113, (b) \$123.25.

Rich Mfg. Co.—(1) (a) \$383, (b) \$383; (2) (a) \$608.50, (b) \$608.90; (3) (a) \$353, (b) \$353; (4) (a) \$148.50, (b) \$148.50; (5) (a) \$94.50, (b) \$94.50.

Rensselaer Valve Co.—(1) (a) \$583, (b) \$659.50; (2) (a) \$746, (b) \$853.30; (3) (a) \$718, (b) \$794.50; (4) (a) \$211.24, (b) \$232.60; (5) (a) \$124.94, (b) \$135.96.

Koppers Co.—(1) (a) \$724; (2) (a) \$945; (3) (a) \$832; (4) (a) \$284; (5) (a) \$174.

All 2% except Iowa Valve Co., which is net.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—California Pipe & Supply Co. awarded contract by the Los Angeles Water & Power Commission at \$22,116.50 for furnishing 1000 ft. of ½-in. to 75,000 ft. of ¾-in. and 50,000 ft. of 1-in. copper service connection tubing. Spec. 2230. Bids were opened March 8.

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PERFECT RESULTS

SACRAMENTO, Cal.—Underground Construction Co., 6 Alvarado Road, Berkeley, at \$34,698, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for the installation and completion of the water distribution system at the air base.

Bids were taken as follows:  
(I) Lump sum, construct and complete a water distribution system, including appurtenances thereto;

(II) If the cast-iron pipe is omitted on all water lines and asbestos cement pressure pipe as specified, the alternate is substituted, add or deduct from Item (I);

(III) Unit Prices. The contractor shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions from or additions to the contract amount, providing any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place, unless otherwise noted.

- (A-1) 16-in. cast-iron pipe, per l.f.;
- (A-2) 14-in. Do.;
- (A-3) 12-in. Do.;

- (A-4) 10-in. Do.;
  - (A-5) 8-in. Do.;
  - (A-6) 6-in. Do.;
  - (A-7) 4-in. Do.;
  - (B-1) 16-in. asbestos cement pipe, per l.f.;
  - I f.;
  - (B-2) 14-in. Do.;
  - (B-3) 12-in. Do.;
  - (B-4) 10-in. Do.;
  - (B-5) 8-in. Do.;
  - (B-6) 6-in. Do.;
  - (B-7) 4-in. Do.;
  - (C-1) 2-in. standard weight genuine wrought-iron pipe, per l.f.;
  - (C-2) 1½-in. Do.;
  - (D-1) 16-in. gate valves, each;
  - (D-2) 14-in. Do.;
  - (D-3) 12-in. Do.;
  - (D-4) 10-in. Do.;
  - (D-5) 8-in. Do.;
  - (D-6) 6-in. Do.;
  - (D-7) 4-in. Do.;
  - (E) Cast-iron fittings, per lb.;
  - (F) Valve boxes, each;
  - (G) Post indicators, including connections to valves, each;
  - (H) Fire hydrants, including connections to main, each;
  - (I) Fire hydrants, flush type, including connections to main, each;
  - (J) Sizing ordered left in place, per MFBS.
  - (K) Rock excavation, per c.y.
- Total bids follow:  
(A) Underground Constr. Co., Berkeley—\$34,698; begin construction in 25 days and finish in 180 days.  
(B) W. J. Tobin, Oakland—\$36,700.05;

- begin in 10 days, finish in 90 days.
- (C) P. L. Burr, San Francisco—\$36,968; begin in 15 days, finish in 150 days.
- (D) Robert B. McNair, Oakland—\$39,923; begin in 10 days, finish in 150 days.
- (E) M. R. Carpenter, Sacramento—\$41,271; begin in 45 days, finish in 145 days.
- (F) M. J. Lynch, San Francisco—\$41,843; begin in 5 days, finish in 70 days.
- (G) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland—\$41,770; begin in 10 days, completion time not specified.
- (H) Peter J. McHugh, San Francisco—\$41,920; begin in 15 days, finish in 140 days.
- (I) J. W. Terrell, Sacramento—\$41,972; begin in 30 days, finish in 200 days.
- (J) R. H. Travers, Los Angeles—\$43,610; begin in 10 days, finish in 90 days.
- (K) Macco-Robertson, Ltd., Clearwater—\$43,950; begin in 15 days, finish in 60 days.
- (L) E. J. Treacy, San Francisco—\$45,144; begin in 5 days, finish in 110 days.
- (M) A. Teichert & Son, Inc., Sacramento—\$45,600; begin in 45 days, finish in 120 days.
- (N) MacDonald & Kahn Co., Ltd., San Francisco—\$49,994; begin in

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
I	\$34,698.00	\$36,700.05	\$36,968.00	\$39,923.00	\$41,271.00	\$41,488.00	\$41,770.00	\$41,920.00	\$41,972.00	\$43,610.00
II	-300.00	+3,670.00	-872.00	+218.00	-821.00	-3,000.00	.....	.....	-2,500.00	-2,342.00
(A1)	4.00	3.81	4.00	4.03	4.07	3.63	4.29	4.00	4.20	5.00
(A2)	3.30	3.37	3.30	3.34	3.42	2.89	3.55	3.00	3.50	4.20
(A3)	2.50	2.60	2.60	3.10	2.73	2.23	2.76	2.50	2.71	3.90
(A4)	2.10	2.00	2.00	2.15	2.22	1.74	2.15	2.00	2.16	2.37
(A5)	1.70	1.52	1.50	1.70	1.60	1.33	1.66	1.50	1.65	1.90
(A6)	1.20	1.18	1.10	1.35	1.49	1.00	1.28	1.00	1.27	1.65
(A7)	.90	.96	.90	1.24	1.25	.78	1.06	.75	.91	1.30
(B1)	4.00	4.19	3.55	3.95	4.01	3.30	.....	.....	3.98	4.50
(B2)	3.30	3.70	3.20	3.28	3.35	2.70	.....	.....	3.26	3.95
(B3)	2.50	2.87	2.68	3.00	2.59	2.00	.....	.....	2.40	3.25
(B4)	2.10	2.20	1.94	2.05	2.14	1.60	.....	.....	1.97	2.60
(B5)	1.70	1.68	1.48	1.67	1.75	1.25	.....	.....	1.40	1.85
(B6)	1.20	1.23	1.11	1.30	1.43	.95	.....	.....	1.20	1.50
(B7)	.90	1.05	.90	1.24	1.19	.70	.....	.....	.87	1.10
(C1)	.60	.46	.65	1.00	.44	.50	.58	.40	.60	.66
(C2)	.50	.42	.55	.95	.32	.30	.49	.30	.50	.60
(D1)	200.00	160.00	200.00	171.00	146.36	200.00	152.00	200.00	180.00	220.00
(D2)	150.00	110.00	150.00	117.00	160.31	150.00	105.00	150.00	120.00	200.00
(D3)	100.00	140.00	82.00	82.50	73.90	100.00	75.00	120.00	100.00	150.00
(D4)	80.00	61.00	64.00	61.00	56.25	78.00	55.00	90.00	65.00	100.00
(D5)	50.00	46.00	41.00	43.00	34.83	50.00	40.00	60.00	47.00	60.00
(D6)	35.00	35.00	29.00	29.50	22.30	40.00	30.00	35.00	33.00	40.00
(D7)	25.00	20.00	20.00	16.00	13.51	25.00	20.00	30.00	19.00	30.00
(E)	.07	.10	.....	.....	.....	.....	.....	.....	.....	.....
(F)	5.00	5.00	3.50	4.25	3.35	3.50	17.50	10.00	11.00	4.00
(G)	50.00	120.00	29.00	42.00	36.24	30.00	45.00	35.00	47.00	137.00
(H)	80.00	80.00	80.00	81.75	65.00	140.00	96.00	30.00	86.00	125.00
(I)	140.00	130.00	135.00	183.00	128.25	175.00	140.00	120.00	145.00	140.00
(J)	20.00	25.00	50.00	50.00	.....	50.00	50.00	17.00	20.00	100.00
(K)	5.00	5.00	5.00	7.30	5.00	2.00	3.00	3.00	5.00	4.00

	(K)	(L)	(M)	(N)
\$43,950.00	\$45,144.00	\$45,600.00	\$49,994.00	
.....	-2,000.00	-2,200.00	.....	
5.00	4.50	5.07	4.15	
4.00	3.50	4.15	3.50	
3.50	3.10	3.20	3.10	
2.50	2.10	2.46	2.20	
2.00	1.60	1.78	1.70	
1.50	1.10	1.38	1.30	
1.00	.85	1.04	1.10	
5.00	.....	4.50	4.00	
3.00	.....	3.85	3.30	
2.50	.....	2.72	2.70	
2.00	.....	2.15	2.00	
2.00	.....	1.65	1.50	
1.50	.....	1.24	1.20	
1.00	.....	.96	1.00	
.30	.....	.35	1.00	
.20	.....	.65	.80	
200.00	190.00	180.00	185.00	
150.00	150.00	142.00	140.00	
150.00	150.00	98.00	95.00	
75.00	72.00	75.00	75.00	
60.00	55.00	47.00	48.00	
40.00	42.00	32.00	33.00	
30.00	25.00	17.00	20.00	
.20	.07	.10	.07	
7.00	6.00	10.00	7.00	
50.00	40.00	50.00	50.00	

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ublic agencies.

## WAR DEPARTMENT

**FORT MASON.**—Until March 25, 10 a. m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-82, for furnishing 74 window shades and 24 brackets.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

**FORT McDOWELL, Calif.**—Until March 29, 11 A. M., bids will be received by the Quartermaster, Fort McDowell, under Bid No. QM 536-37-37, for furnishing 350 tons crushed rock, 350 tons asphalt emulsion, plywood, lead, oil, turpentine, paint, etc.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until Mar. 25, 10 a. m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-44, for furnishing anchors, bolts, door checks, entry cloth, safety hasps, furniture casters, hose, nails, screws, etc.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 27, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-329, for furnishing one riveted firebox steam boiler, portable return flue, 25-hp.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 27, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-330, for furnishing 539 corrugated ash and garbage cans.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until March 23, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-211, for burning and welding repairs to floating plant involving portable electric welding apparatus, acetylene burning apparatus, etc.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Mar. 24, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-212, for the lease of one or more diesel or gasoline engine powered boats, with full crew, for use in transporting passengers between Pier 34, San Francisco, and Government pipeline dredges, on Yerba Buena Shoals Project.

The lease will be executed for a period of three months, with an extension privilege for one month.

Specifications obtainable from the above office.

**FORT MASON.**—Until March 29, 10 a. m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-83, for furnishing cylinder mortise locks, sash lifts, transom catches and

chains, etc.  
Delivery f.o.b. Bldg. No. 59, Letterman General Hospital.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until March 24, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-185, for furnishing 210 pieces of galvanized iron pipe and 100 pipe caps.

Delivery f.o.b. Sacramento.  
Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until Mar. 24, 10 A. M., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-42, for furnishing pipe and fittings.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until March 26, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-328, for furnishing 1,000 gallons of extreme pressure lubricant.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until March 24, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-181, for furnishing gasoline and Class D lubricating oil, to be delivered to Government cars at service stations located in California.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Mar. 25, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-325, for furnishing paint, wire cloth, hardwood oak lumber, redwood, ponderosa pine and douglas fir lumber and millwork, etc.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Mar. 26 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-327, for furnishing 10,000 FBM Douglas fir lumber, No. 2 common, rough.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until March 26, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-186, for furnishing wrenches, drills, etc.

Delivery f.o.b. Sacramento.  
Specifications obtainable from the above office.

**SAN DIEGO, Cal.**—Until March 23, 3 P. M., bids will be received by the U. S. Engineer Office, 751 S. Placer St., Los Angeles, for furnishing one gasoline engine driven generating set, 5-kw., 110-125 volt DC, fob Fort Rosecrans, San Diego. Circular Prop. No. 276.

**FORT MASON, Cal.**—Until March

30, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-336, for furnishing 150 lbs. hemp sail twine.  
Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until March 30, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-333, for furnishing 200 mess serving trays, steel.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until March 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-187, for furnishing six steel railroad rails, 30-ft. long by 4 1/16-in. base by 4 1/16-in. high by 2 1/4-in. width of head, either new or old.

Delivery fob Rio Vista.  
Specifications obtainable from the above office.

## RECLAMATION BUREAU

**PARKER DAM PROJECT, Calif.-Ariz.**—Until March 31, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 897-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Earp, draft-tube stop-log guides and metalwork for stop logs for the Parker power plant, Parker Dam Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**PARKER DAM PROJECT, Calif.-Ariz.**—Until March 30, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under spec. No. 898-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Earp, California, approximately 200,000 lbs. of low-heat portland cement for the Parker Dam, Parker Dam Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**BURNT RIVER PROJECT, Ore.**—Until April 1, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 900-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Brogan, Oregon, two 2-ft. 9-in. by 2-ft. 9-in. high pressure-gate assemblies and one pier nose for installations for the outlet works of the Unity Dam, Burnt River Project, Oregon.

All materials will be installed by the Government.  
Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$2.25, not returnable.

**NEW MEXICO.**—Until April 2, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 901D, for furnishing and delivering f.o.b. cars at the shipping point and/or Fort Sumner, N. M., stairways, walkways, and miscellaneous work to be installed in the spillway and outlet works of the Alamogordo Dam, Carlsbad Project, N. M.

The materials will be installed by Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.50, not returnable.

**CANAL ZONE**

PANAMA CANAL ZONE.—Until March 29, 10:30 A. M., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3231, for furnishing miscellaneous supplies & equipment, including:

Motor trucks, railway car wheels, garbage cans and covers, bolts, nuts, rivets, washers, sewer pipe, bricks, pig tin, pig iron, Ferromanganese, Ferrisolicon, calcium carbide, fire clay, quicklime, calcium chloride, white Portland cement, electric valve refacer, vacuum windshield wipers, flashlights, step ladders, canvas, roofing felt, sheet rubber packing, corkboard, and lumber (maple, white oak, hickory, cypress, poplar and Port Orford cedar).

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**LOS ANGELES CITY**

LOS ANGELES.—Until March 26, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing:

- 1) outdoor type, triple pipe, single-throw, 6-break, automatic trip free, manually operated, floor mounted, 750,000-kva. oil circuit breakers, without oil, (a) f.o.b. cars or trucks bidder's shipping point, or (b) f.o.b. 1862 S. 53th St. Spec. No. 2236.

LOS ANGELES.—Until Mar. 26, 2 a. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 40, 207 S. Broadway, for furnishing:

- 1) five 400-amp., 7500-volt, T.P.S.T. oil circuit breakers, without oil and 1 alt.) same, except bushing current transformers are to be omitted. Spec. No. 2235.

SOUTH GATE, Los Angeles Co., Cal.—Until April 5, 7:30 P. M., bids will be received by the South Gate city council for the sale of used wooden pipe as follows:

- 1) 13,300 ft. 3-inch;
  - 2) 24,000 ft. 4-inch;
  - 3) 4,300 ft. 6-inch.
- H. C. Peiffer, City Clerk; Guy Nevill, City Engineer.

SOUTH GATE, Los Angeles Co., Cal.—Until April 5, 7:30 P. M., bids will be received by the South Gate city council for furnishing:

- 1) 10,580 ft. 4-in. Class 150 B&S cast iron water pipe;
- 2) 795 ft. 6-inch do.

Specifications are on file at the office of Guy Nevill, city engineer, certified or cashier's check or bond 5% must accompany each proposal. H. C. Peiffer, city clerk.

SOUTH GATE, Los Angeles Co., Cal.—Until April 5, 7:30 P. M., bids will be received by the South Gate city council for furnishing:

- 1) 3504 ft. 6-in. Class 150 B&S CI pipe.
  - 2) 950 ft. 8-inch do.;
  - 3) 910 ft. 10-inch do.;
  - 4) 640 ft. 12-inch do.
- Certified or cashier's check for 5% must accompany each proposal. Specifications may be obtained from Guy Nevill, city engineer. H. C. Peiffer, city clerk.

LOS ANGELES, Cal.—Until March

22, 12 M., bids will be received by Wayne R. Allen, Los Angeles county purchasing agent, 524 N. Spring St., for furnishing one distribution transformer; Quot. No. 3538.

**TREASURY DEPARTMENT**

SAN FRANCISCO.—Until March 23, 10 a. m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 3537, for the rental of ten dump trucks, of not less than 1½ tons capacity, and 3 c.y. water level dump body, for use on WPA projects.

Delivery f.o.b. project site located about 6 miles southwest of Dinuba, Tulare County.

Specifications obtainable from the above office.

**EAST BAY UTILITY DIST.**

OAKLAND, Cal.—Until March 24, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 193, for furnishing 1,800 l.f. of electric welded, cement lined, steel pipe, 36-inch diameter.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until March 24, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 857, for the rental of trucks as follows:

- (1) 1½-ton flat bed trucks, for approximately 2400 hours; maximum number required at any one time, four;
- (2) 2 c.y. dump trucks, for 2,000 hrs.; maximum required, four; hand-loading.
- (3) 2 c.y. dump trucks, 2,000 hours; maximum required, four; power-loading.

Specifications obtainable from the above office.

**RECLAMATION BUREAU**

FRIANT, Calif.—Until April 5, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 902-D, for furnishing two motor-driven, vertical-shaft, deep-well turbine pumping units, each having a capacity of 170 gals. per min. at a total dynamic head of 87 ft., and two motor-driven, horizontal, centrifugal pumping units, each having a capacity of 160 gals. per minute at a total dynamic head of 220 ft., at installation at the Government camp at the Friant Dam, Central Valley Project, Calif.

All apparatus will be installed by the Government. Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**U. S. FOREST SERVICE**

SAN FRANCISCO.—Until March 23, 2:30 p. m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg, 760 Market St., San Francisco, under Bid No. 1043, for furnishing one new geared head, screw cutting, precision lathe, complete with motor power and all accessories.

Delivery f.o.b. bidder's shipping point and/or Glendale.

Specifications obtainable from the above office.

**TREASURY DEPARTMENT**

SAN FRANCISCO.—Until March 23, 10 a. m., bids will be received by the Procurement Office, Treasury

Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3576, for the rental of one No. 10S concrete mixer on 4 roller bearing wheels with 4 cylinder radiator cooled gas engine, for use on WPA projects.

Delivery f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco. Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

March 19, 10 A. M.  
BID NO. 3586—2,300 l.f. galvanized steel pipe; f.o.b. University of California, Berkeley.

March 22, 10 A. M.  
BID NO. 3584—50 M. common red brick; f.o.b. Capitola.  
BID NO. 3583—800 sacks portland cement; f.o.b. cars, Oroville.  
BID NO. 3579—Sand, putty, plaster, corner head, and corner head clips; f.o.b. Zoological Gardens, Sunset near Skyline Blvd., San Francisco.

March 23, 10 A. M.  
BID NO. 3585—40 manhole rings and covers; f.o.b. Santa Cruz Corporation Yard, Soquel.  
Specifications obtainable from the above office.

**U. S. FOREST SERVICE**

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

March 19, 2 P. M.  
BID NO. 4473—Douglas Fir and Ponderosa Pine form lumber for Chowchilla Creek Bridge; f.o.b. bidder's shipping point and/or Merced.

March 22, 2 P. M.  
BID NO. 4449—Millwork; f.o.b. bidder's shipping point and/or U. S. F. S. Warehouse site, Redding.  
BID NO. 4448—Fugh electrical equipment; f.o.b. bidder's shipping point and/or Willits and Hollister.

BID NO. 4460—C.M.P. culvert and band couplings; f.o.b. bidder's shipping point and/or Willits and Mt. Shasta.

BID NO. 4432—Finish plumbing fixtures and fittings; f.o.b. bidder's shipping point and/or Nevada City.

March 23, 2 P. M.  
BID NO. 4435—25 doz. axes, single bit, f.o.b. handled; f.o.b. bidder's shipping point and/or Government Island.  
BID NO. 4446—Pipe and Fittings; f.o.b. bidder's shipping point and/or Lemon Cove.

BID NO. 4462—125 bbls. portland cement; f.o.b. bidder's shipping point and/or Willits.  
BID NO. 4462—Foresters' and geologists' compasses; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4464—200 box pocket compasses; f.o.b. bidder's shipping point and/or Government Island.  
BID NO. 4465—50 abney levels, with cases; f.o.b. Government Island.  
BID NO. 4463—160 tree markers or timber scribers; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4461—Increment borers, augers, and extractors; f.o.b. bidder's shipping point and/or Government Island.  
Specifications obtainable from the above office.

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## IN THIS ISSUE



Eaton & Smith Low On  
Depot Job



*S. F. Firms Awarded Conduit Contract*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

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WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

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Vol. XX

SAN FRANCISCO, CALIF., MARCH 27, 1937

No. 10

## BIDS APRIL 14 ON BEAR RIVER LEVEE PROJECT

U. S. Engineer Office Will  
Receive Proposals in  
Sacramento

Bids for constructing and strengthening two levees on the Bear River near the Feather River have been called for April 14 by the United States Engineer Office in Sacramento.

The North levee will be three miles long and will require the placing of 402,000 cubic yards of earth. It will be located on the north side of the Bear River from the Feather River to the Sacramento-Northern railroad bridge.

The South levee, near the mouth of the Bear River, will be 0.3 mile long and will require 102,000 cubic yards of earth.

Principal items include: 504,000 cubic yards levee embankment in place; 315 pounds reinforcing steel 482 feet corrugated iron pipe of various sizes, and 1,100 sq. yds. of concrete highway surfacing.

### Incidental Work

The contract calls for raising and strengthening the existing levee, construction of a new levee, and performance of all incidental operations in connection with the work, such as clearing, grubbing, and ploving the right of way, and moving and reconstructing fences.

In most cases the levee will be so constructed as to provide a net cross section having a crown width of 12 feet, a land slope of 1 vertical on 2 horizontal, and a river slope of 1 vertical on 3 horizontal.

Specifications may be obtained from the War Department, U. S. Engineer Office, 208 Post Office Building, Sacramento. No deposit is required.

## LUMBER CONDITIONS REMAIN UNCHANGED

A total of 171 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending March 6 produced 101,177,114 board feet of lumber, or 64.2 per cent of its average weekly cut during 1926-29, the association reports.

## Eaton & Smith Submit \$713,000 Low Bid For Sacramento Depot Supply Buildings

SACRAMENTO, March 25.—Eaton & Smith, 715 Ocean avenue, San Francisco, today submitted a low total bid of \$713,000 to Major Arthur W. Parker, Constructing Quartermaster, for construction of a supply building, head-house and warehouse wings at the U. S. Army air depot here.

Eleven proposals were received for the contract, one of the larger jobs in the \$7,000,000 project.

Robert E. McKee, El Paso, Tex., was second low bidder with a proposal of \$717,000.

The contract calls for construction of a two-story depot supply building and headhouse, and one-story east and west wings of the warehouse. The buildings will be of reinforced concrete and steel construction, conforming in general with other structures at the depot. Plans are by the office of the Quartermaster General, Construction Division, with headquarters in Washington, D. C.

### Total Bids

Total bids received today were as follows:

Eaton & Smith, San Francisco, \$713,000.

Robert E. McKee, El Paso: \$717,000.

N. P. Severin Co. Chicago: \$719,500.

K. E. Parker Co., San Francisco \$739,900.

Clinton Constr. Co., San Francisco: \$762,000.

MacDonald & Kahn Co., Ltd., San Francisco: \$769,967.

Villadsen Bros., Oakland: \$785,800.

Barrett & Hilp, San Francisco, and A. Teichert & Son, Inc., Sacramento: \$787,810.

George A. Fuller Co., Los Angeles: \$828,000.

Geo. Pollock, Sacramento: \$830,726.

Guy F. Atkinson Co., San Francisco: \$846,939.

### Telegraphic Reduction

The bid of N. P. Severin Co., originally was \$1,250,000, but was modified by a telegraphic reduction of \$530,500.

Major Parker has announced award of a \$34,698 contract for construction of the water distribution system at the base to Underground Construction Co., No. 6 Alvarado road, Berkeley.

## OREGON OKEHS 48 MILLIONS FOR HIGHWAYS

Biennial Road Appropriation  
Bill Is Signed By  
Governor

The State of Oregon will have available for highway work during the next two years up to \$48,392,747, it was revealed following the signing by Governor Martin of Senate Bill 410, providing for the appropriations.

Work authorized under the bill is classified as follows:

Secondary highway work by counties and cities, \$17,000,000.

Primary highway construction \$10,500,000.

Salaries and operations of highway department, \$120,000.

Appropriations in anticipation of federal grants, \$12,000,000.

Maintenance of primary routes including ferries, \$3,540,000.

Special maintenance of primary highways, \$1,135,000.

Emergency work on primary highways, \$500,000.

Highway equipment fund, \$3,000,000.

Capital outlay (buildings) \$267,747.

Highway transportation commission, \$20,000.

In addition to the amounts listed in Senate Bill 410, three re-appropriation bills were approved earlier last week, providing \$6,680,600 to take care of needs arising from insufficient appropriations by the 1935 legislature.

## FIRST VALLEY CONSTRUCTION WORK IS LET

Job Initiates \$170,000,000  
California Water  
Project

WASHINGTON, D. C., Mar. 23.—Award of the first contract for actual construction work on the \$170,000,000 Central Valley Project in California was announced here today by Commissioner John C. Page of the U. S. Bureau of Reclamation.

The contract, for construction of a four-mile unit of the Contra Costa Conduit, was let to Haas, Doughty & Jones & Marshall & Stacy, Merchants' Exchange Building, San Francisco, at \$102,646.

The award was considered the starting gun for the big reclamation project, which includes two major dams and which not only will provide fresh water for arid or saline regions but also will produce power and includes many flood control and navigation features.

### Many Bidders

When bids were opened recently in Sacramento by Construction Engineer Walker R. Young, the conduit contract attracted proposals from 25 firms in all parts of the United States.

Mr. Young reported this week that negotiations for rights of way for the conduit are proceeding satisfactorily, although one section of land remained in doubt.

Bids already have been taken for considerable work at the government camp at Friant Dam site near Fresno, and others are to be received soon.

### Track Relocation

Next major construction contract to be advertised, bureau officials indicated, will be for either a second section of the conduit or relocation of the Southern Pacific tracks at Kennett. The latter is one of the larger contracts in the program.

Mr. Young has reported that preliminary work is virtually complete. Some 400 men have been employed in preparing plans, making surveys and other advance work. Of these, 35 are in the Sacramento headquarters office, 120 are at the site of Kennett Dam and other portions of the project near Redding, 50 are at Friant, 30 along the route of the Contra Costa conduit, and 150 are employed by various contractors working on minor assignments.

### BURNER SHIPMENTS GAIN

Shipments of oil burners during January, 1937, amounted to 9,274 units, a substantial increase over the total of 7,712 shipped during the same month in 1936, according to the monthly report of the Bureau of Census.

## BOARD APPROVES S. F. WAGE RULE

An amendment to the contract procedure ordinance requiring that city employees working on jobs for which a city department has been the successful bidder against private contractors for public work, he paid prevailing wages has been given final passage by the San Francisco Board of Supervisors.

The amendment was proposed by Controller Leonard S. Leavy and approved by the Board's finance committee. The amendment is not retroactive and will have no effect on any jobs now being done by city departments. Chief Clerk Sid. J. Hester of the Department of Public Works said yesterday.

## BIDS TO OPEN APRIL 16 FOR L. A. GRADING

Sweetser Authorizes Angeles  
Crest Project for  
Advertising

District Engineer C. H. Sweetser of the Bureau of Public Roads yesterday issued a call for bids, to be opened April 16, for grading 3.26 miles of Section D, Route 61 of the Angeles Crest National Forest Highway in Los Angeles county. Approximately \$185,000 has been programmed for work on this section.

Principal items include: 32 acres of clearing and grubbing; 345,700 cubic yards unclassified excavation; 1,700 cubic yards excavation for structure, and 10,190 pounds of reinforcing steel.

Bids will be opened on two other jobs in April by the Bureau Both are scheduled for the 13th. They are for 4.84 miles of grading and surfacing in Apache county, Arizona, and 2.3 miles of grading on Route 32 of the Placerville-Lake Tahoe National Forest Highway.

### Tuolumne Projects

The only Bureau jobs for which bids will be opened this month are located in Tuolumne county. On March 30 bids will be opened for the construction of the South Fork of the Tuolumne River Bridge and approaches. The work is located on Section A1 of Route 4, of the Tioga Road in Yosemite National Park.

Bids for 2.1 miles of grading and placing subgrade reinforcement on Section A2, Route 4 of the Tioga Road will be opened on the same date. Items in the contract include: 46,000 cu. yds. unclassified excavation; 5,500 cu. yds. sod excavation; 1,410 lin. ft. corrugated metal pipe, and 75,000 sta. yds. overhaul.

## SHOP EQUIPMENT FOR AIR DEPOT IS ADVERTISED

Bids April 22 on Machinery  
For Sacramento Base  
Utilities Shop

SACRAMENTO, Mar. 23.—Bids for the first group of machines and equipment for the utilities shops at the \$7,000,000 Sacramento army air depot will be opened here April 22, Major Arthur W. Parker, constructing quartermaster, announced today.

Twenty-two separate types of equipment are listed in the bid call.

They include a 36-inch band saw, single spindle vertical borer, single cylinder surfacer, 9-inch jointer, lathe, shaper, 36-inch forming machine and numerous others.

Equipment is to be delivered f.o.b. Sacramento within 60 days of the date of award, Maj. Parker said.

Bids for machines and equipment differing in details of design and construction from those specified will be considered, provided the bidder states the differences in his bid. Alternates, however, must be equal to or better than those specified, in the opinion of the purchasing officer.

Catalogs and full descriptive matter are to be furnished with the bids, which will be opened at 2 P. M. at the air depot.

## Edwin J. Symmes Work Continued By Partnership

Partnership association of Mrs. Edwin J. Symmes and Stanton Willard, Architect, for the practice of architecture in Bakersfield is announced by Mr. Willard. The new firm will have offices at 215 Haberfelde building, and will carry on the work of the office of Edwin J. Symmes, in which Mrs. Symmes was associated with Architect William C. Hays of San Francisco and Architect Ira W. Hoover of Los Angeles.

Mr. Hoover will continue his association as consultant in the new office, Mr. Willard said.

## ELECTRODE BOOKLET PUBLISHED BY PAGE

A new booklet No. DH-984 covering Page Hi-Tensile F Electrode has just been issued. This booklet describes this shielded arc electrode in detail and the shielded arc method of welding, with illustrations showing the procedure for various types of welds. The Page Hi-Tensile F Electrode is a general purpose electrode of the shielded arc type suitable for all welding positions, according to the manufacturer.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

655	Betsold	Owner	4000
656	Carrara	Owner	17500
657	Hardiman	Owner	4500
658	Beth, Shipbidg.	Owner	2200
659	Meyers	Owner	3000
660	Hardiman	Owner	4500
661	Lamp	Owner	10000
662	Anderson	Owner	3500
663	Herbst	Siegrist	5600
664	Martini	Murer	4500
665	Stendell	Owner	4000
666	Lindsay	Owner	4000
667	A T & S F	Walker	23000
668	Cohen	Strand	4700
669	Weise	Daly	4000
670	Blackley	Callahan	4000
671	Faks	Owner	2900
672	Campbell	Owner	3750
673	Campbell	Owner	3750
674	Campbell	Owner	3750
675	Campbell	Owner	4000
676	Lindsay	Owner	4000
677	Lindsay	Owner	3500
678	Lindsay	Owner	3500
679	Lindsay	Owner	3500
680	Lindsay	Owner	4000
681	Lindsay	Owner	4000
682	Thompson's	Owner	6000
683	Wright	Lindsay	3500
684	Campbell	Owner	4000
685	Liebman	Owner	7500
686	Sims	Johnsen	11000
687	Walter Co	Van Emon	1200
688	Arco	Owner	3000
689	Arco	Owner	3000
690	Nakahara	Owner	1500
691	Lasfias	S. F.	2500
692	Boyle	Owner	3000
693	Johnson	Owner	4500
694	Johnson	Owner	4500
695	Araboglou	Owner	6000
696	Bay Cities	Owner	4000
697	Bay Cities	Owner	4000
698	Byus	Owner	1000
699	Cappelletti	Cappelletti	3500
700	Giffano	Aetna	2500
701	Heyman	Owner	5950
702	Heyman	Owner	5950
703	Heyman	Owner	5950
704	Heyman	Owner	5950
705	Heyman	Owner	5950
706	Heyman	Owner	5950
707	Heyman	Owner	5950
708	Heyman	Owner	5950
709	Heyman	Owner	5950
710	Heyman	Owner	5950
711	Holland	Prout	7000
712	Morris	Morris	4000
713	Morris	Morris	4000
714	Morris	Morris	4000
715	McAngor	Unit Bit	2500
716	Mafficci	Cappelletti	3500
717	Oberg	Salomon	1450
718	Oven	Owner	30000
719	Rapovac	Bay Cities	4000
720	Yates	Mohinson	18000
721	Zelger	Kenison	4500
722	Zelger	Kenison	4500
723	Byrd	Owner	5000
724	Carraro	Owner	3400
725	Johnson	Owner	3750
726	Johnson	Owner	4000
727	Mohler	Owner	4875
728	Mohr	Owner	4000
729	Pisani	Papenhausen	2000
730	Real Estate	Wagner	3800
731	Stoneson	Owner	5500
732	Tescomla	Owner	4500
733	Wagner	Owner	4000
734	Westerlund	Owner	5000

Owner—Victor Carrara, 1700 Bay St.  
Architect—H. C. Baumann, 251 Kearny St.  
Engineer—Jas. M. Smith, 251 Kearny St. \$17,500

DWELLING  
(657) W. 17TH AVE., 125 N MORAGA. One-story and basement frame dwelling.

Owner—M. D. Hardiman, 423 38th Ave.  
Architect—Vincent Buckley, 525 Market St. \$4500

ALTERATIONS  
(658) COR. 20TH AND ILLINOIS. Alter shop.

Owner—Bethlehem Shipbuilding Corporation, Frem.  
Engineer—H. A. Shirmer, Alameda. \$2200

DWELLING  
(659) E. CHESTER, COR. PAYSON. One-story and basement frame dwelling.

Owner—L. Meyers, 285 Turk St.  
Architect—Not Given. \$3000

DWELLING  
(660) W. 17TH AVE., 100 N MORAGA. One-story and basement frame dwelling.

Owner—M. D. Hardiman, 423 38th Ave.  
Architect—Vincent Buckley, 525 Market St. \$4500

ALTERATIONS  
(661) 1480 WILLARD ST. Alter apartment house.

Owner—Chas. J. Lamp, Frem.  
Architect—Vincent Buckley, 525 Market St. \$10,000

DWELLING  
(662) E. 20TH AVE., 225 N LAWTON. One-story and basement frame dwelling.

Owner—Christlan Anderson, 146 Granville Way.  
Architect—Not Given. \$3500

SALESROOM  
(663) N. HOWARD, 125 E 7TH ST. One-story salesroom.

Owner—Herbst Bros., 1525 Mission.  
Contractor—F. R. Siegrist, 694 Mission.  
Engineer—W. H. Ellison, Pacific Bldg. \$9600

DWELLING  
(664) W. MASONIC, 125 N ST. ROSES. One-story and basement frame dwelling.

Owner—J. De Martini, 542 Union St.  
Contractor—L. Murer, 1274 Divisadero.  
Architect—Not Given. \$4500

DWELLING  
(665) W. 20TH AVE., 175 S LAWTON. One-story and basement frame dwelling.

Owner—Elvin C. Stendell, 41 Cumberland.  
Architect—Not Given. \$4000

DWELLING  
(666) E. 25TH, SE COR. MORAGA. One-story and basement frame dwelling.

Owner—C. T. Lindsay, 820 Taraval.  
Architect—Not Given. \$1000

BUILDING  
(667) 4TH ST AND PIONEER PL. Two-story Class A building.

Owner—A. T. & S. F. RR. Co., Los Angeles  
Contractor—P. J. Walker Co., Sharon Bldg.  
Architect—Not Given. \$2000

ALTERATIONS  
(668) 2945 OCEAN AVENUE. Alter dwelling.

Owner—William Cohen, Frem.  
Contractor—F. Strand, 300 Buchanan.  
Architect—Chas. F. Strothoff, 2274 15th St. \$4700

DWELLING  
(669) W. GAMBIER, 150 S SILLIMAN. One-story and basement frame dwelling.

Owner—C. A. Weise, 40 Morton.  
Contractor, D. J. Daly, Daly City.  
Architect—Chas. F. Strothoff, 2274 15th. \$4000

ALTERATIONS  
(670) 61-67 2ND ST. Alter store.

Owner—Harry Blackley, 240 Front St.  
Contractor—Jack Callaghan, 900 Clayton. \$4000

DWELLING  
(671) E. 33RD AVE., 200 N SANTIAGO. One-story and basement frame dwelling.

Owner—Anne Faks, 101 27th St.  
Architect—Not Given. \$2900

DWELLING  
(672) SE ULLOA 221 NE Laguna Honda. One-story and basement frame dwelling.

Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$3,750

DWELLING  
(673) SE ULLOA 159 NE Laguna Honda. One-story and basement frame dwelling.

Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$3,750

DWELLING  
(674) NW ULLOA 203 NE Laguna Honda. One-story and basement frame dwelling.

Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$3,750

DWELLING  
(675) NW ULLOA 234 NE Laguna Honda. One-story and basement frame dwelling.

Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$4,000

DWELLING  
(676) S MORAGA 32 E 23rd Ave. One-story and basement frame dwelling.

Owner and Builder—Boyd C. Lindsay, 183 Oxford.  
Architect—Not Given. \$1000

DWELLING  
(677) S MORAGA 95 E 25th Ave. One-story and basement frame dwelling.

Owner and Builder—Boyd C. Lindsay, 183 Oxford.  
Architect—Not Given. \$3,500

DWELLING  
(678) S MORAGA 95 W 24th Ave. One-story and basement frame dwelling.

Owner and Builder—Boyd C. Lindsay, 183 Oxford.  
Architect—Not Given. \$1,500

DWELLING  
(679) W 24th AVE, 25 S Moraga. One-story and basement frame

DWELLING  
(655) W. 16TH AVE., 150 N ORTEGA. One-story and basement frame dwelling.

Owner—Louis C. Betsold, 1029 Geary.  
Architect—Richard R. Irvine, 2048 Market St. \$4000

MARKET  
(656) N. CHESTNUT, 89 W SCOTT. One-story market.

- dwelling.  
Owner and Builder—Boyd C. Lindsay, 153 Oxford.  
Architect—Not Given. \$3,500
- DWELLING  
(680) S MORAGA 82 E 23rd Ave.  
One - story and basement frame dwelling.  
Owner and Builder—Boyd C. Lindsay, 153 Oxford.  
Architect—Not Given. \$4,000
- DWELLING  
(681) SW COR. 24th and Moraga.  
One - story and basement frame dwelling.  
Owner and Builder—Boyd C. Lindsay, 153 Oxford.  
Architect—Not Given. \$4,000
- STORE  
(682) E 13th ST. 50 S 1st. Three-story and loft store (frame).  
Owner and Builder—Thompson's Auto Part, 55 Duboce Ave.  
Architect—Not Given. \$6,000
- DWELLING  
(683) (683) E 30th AVE. 218 North Noriega. One - story and basement frame dwelling.  
Owner—R. F. Wright, care contractor.  
Contractor—C. T. Lindsay, 820 Taravala Street. \$3,500
- DWELLING  
(684) SE ULLOA 190 NE Laguna Honda. One-story and basement frame dwelling.  
Owner and Builder—J. V. Campbell, 849 Laguna Honda.  
Engineer—Conrad T. Kett, 519 California Street. \$4,000
- DWELLING  
(685) S MARINA 148 E Cervantes.  
Two - story and basement frame dwelling.  
Owner and Builder—Ben Liebman, 3319 Filmore Street.  
Architect—Not Given. \$7,500
- FLATS  
(686) W BEAUMONT 33 N Lone Mt. Terrace. Two-story frame flats.  
Owner—M. L. Sims, 157 Stanyan.  
Contractor—Peder P. Johnsen, 157 Stanyan St.  
Architect—Not Given. \$11,000
- ALTERATIONS  
(687) 855 FOLSOM ST. Alter factory.  
Owner—D. N. and E. Walter Co., 562 Mission Street.  
Contractor—B. C. Van Emon Co., 224 Fremont Street.  
Architect—Not Given. \$1,300
- DWELLING  
(688) SW DONNER, 75 SE PHELPS.  
One-story and basement frame dwelling.  
Owner—Arco Bldg. Co., 5401 Mission.  
Architect—Not Given. \$3,000
- DWELLING  
(689) SW DONNER, 50 SE PHELPS.  
One-story and basement frame dwelling.  
Owner—Arco Bldg. Co., 5401 Mission.  
Architect—Not Given. \$3,000
- ALTERATIONS  
(690) 562 GRANT AVE. Alter restaurant.  
Owner—J. T. Nakahara, 1534 Geary.  
Architect—Not Given. \$1,500
- ALTERATIONS  
(691) 422-24-26 LYON. Alter apartments.  
Owner—Anton Laafas, 422 Lyon St.  
Contractor—S. F. Bldg. & Const. Co., 2212 Polk St.  
Architect—Not Given. \$2,500
- DWELLING  
(692) W. 16TH AVE., 225 S VI-  
CENTE. One-story and basement frame dwelling.  
Owner—M. T. Boyle, 550 Montgomery.  
Architect—Not Given. \$3,000
- DWELLING  
(693) N. WAWONA, 90 E 18TH AVE. One-story and basement frame dwelling.  
Owner—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4,500
- DWELLING  
(694) N. WAWONA, 90 W 17TH AVE. One-story and basement frame dwelling.  
Owner—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4,500
- FLATS  
(695) E 11th AVE. 225 N Geary St. Two-story frame flats.  
Owner and Builder—H. Arabogiou, 360 11th Avenue.  
Architect—Not Given. \$6,000
- DWELLING  
(696) W STANYAN 37 S Anza St. Two - story and basement frame dwelling.  
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000
- DWELLING  
(697) W STANYAN 67 S Anza St. Two - story and basement frame dwelling.  
Owner and Builder—Bay Cities Bldg. Co., 160 Russ Street.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000
- ALTERATIONS  
(698) 1629 GEARY. Alter dwelling.  
Owner and Contractor—J. J. Byus, Vallejo, Calif.  
Architect—Not Given. \$1,600
- DWELLING  
(699) W ELMIRA 75 N Augusta. One - story and basement frame dwelling.  
Owner—Cappelletti and Mafficci, 667 Hampshire Street.  
Contractor—D. Cappelletti 667 Hampshire Street.  
Architect—Not Given. \$3,500
- ALTERATIONS  
(700) SE COR. 25th and Van Ness Ave. South. Alter service station.  
Owner—A. Gilfano, 1730 24th Ave.  
Contractor—Aetna Const. Co., 1730 24th Avenue.  
Architect—Not Given. \$2,500
- DWELLING  
(701) E ROSSI 127 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(702) E ROSSI 181 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(703) E ROSSI 285 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$4,000
- ALTERATIONS  
(704) E ROSSI 155 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(705) E ROSSI 233 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(706) E ROSSI 311 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(707) E ROSSI 90 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(708) E ROSSI 181 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(709) E ROSSI 250 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(710) E ROSSI 337 N Turk St. One-story and basement frame dwelling.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given. \$5,950
- DWELLING  
(711) W SAN RAFAEL 145 S St. Francis. Two - story and basement frame dwelling.  
Owner—James L. Holland, Jr., care contractor.  
Contractor—J. Prout, 2530 Fillmore.  
Architect—Masten & Hurd, 233 Post Street. \$7,000
- DWELLING  
(712) W 30th AVE. 205 S Vicente. One - story and basement frame dwelling.  
Owner—W. G. Morris, 95 Pinehurst Way.  
Contractor—Morris and Debet, 95 Pinehurst Way.  
Architect—D. E. Jaekle, 126 Post St. \$4,000
- (713) W 30th AVE. 230 S Vicente. One - story and basement frame dwelling.  
Owner—G. W. Morris, 95 Pinehurst Way.  
Contractor—Morris and Debet, 95 Pinehurst Way.  
Architect—D. E. Jaekle, 126 Post St. \$4,000
- DWELLING  
(714) W 30th AVE. 180 S Vicente. One - story and basement frame dwelling.  
Owner—G. W. Morris, 95 Pinehurst Way.  
Contractor—Morris and Debet, 95 Pinehurst Way.  
Architect—D. E. Jaekle, 126 Post St. \$4,000
- ALTERATIONS  
(715) 3185 SAN JOSE AVE. Alter apartments.  
Owner—M. W. McGregor, premises.  
Contractor—Unit - Built Const. Co., 55 Market St.  
Architect—Not Given. \$2,600
- DWELLING  
(716) W ELMIRA 50 N Augusta. One - story and basement frame dwelling.

Owner—Cappelletti and Maffucci, 667  
Hampshire Street.  
Contractor—D. Cappelletti 667 Hamp-  
shire Street.  
Architect—Not Given. \$3,500

ALTERATIONS  
(717) 148-50 LAGUNA Street. Alter  
flats.

Owner—M. Oberg, 1734 Broderick.  
Contractor—L. Salomon, 1734 Brod-  
erick Street.  
Architect—Not Given. \$1,450

APARTMENTS  
(718) NW COR. FULTON ST. and  
29th Avenue. Three-story frame  
apartment house.

Owner—O. M. Oyen, 50 Castenada.  
Architect—F. W. Dakin, 625 Market.  
Engineer—Wm. Adrian, 417 Market  
Street. \$30,000

DWELLING  
(719) NE ANZA and Lorraine. One-  
story and basement frame dwell-  
ing.

Owner—S. Rapovac, 1160 Pacific.  
Contractor—Bay Cities Bldg. Co., 160  
Russ Street.  
Architect—F. W. Dakin, 625 Market  
Street. \$4,000

OFFICES  
(720) E FREMONT 85 N Harrison.  
Two-story Class C office.  
Owner—G. R. and E. T. Yates, car  
contractor.  
Contractor—Louis Johnson, 666 Mis-  
sion Street.  
Engineer—H. A. Emmrich, 1280 In-  
diana Street. \$18,000

DWELLING  
(721) W 28th AVE. 50 N Rivera.  
One - story and basement frame  
dwelling.  
Owner—Henry Zelger, 243 Bartlett.  
Contractor—John Kenison, 289 San  
Jose Avenue.  
Architect—Not Given. \$4,500

DWELLING  
(722) W 28th AVENUE 75 N Rivera.  
One - story and basement frame  
dwelling.  
Owner—Henry Zelger, 243 Bartlett.  
Contractor—John Kenison, 289 San  
Jose Avenue.  
Architect—Not Given. \$4,500

DWELLING  
(723) W. 30TH AVE., 50 S CA-  
BRILLO. One-story and base-  
ment frame dwelling.  
Owner—R. E. Byard, 880 33rd Ave  
Architect—Albert H. Larsen, 333  
Kearny. \$5000

DWELLING  
(724) N. QUESADA, 225 W JEN-  
NINGS. One-story and base-  
ment frame dwelling.  
Owner—G. Carraro, 750 Felton.  
Architect—Not Given. \$3400

DWELLING  
(725) W. 25TH AVE., 25 N RIVERA.  
One-story and basement frame  
dwelling.  
Owner—N. E. Johnson, 666 Mission.  
Architect—C. O. Clausen, 746 46th  
Ave. \$3750

DWELLING  
(726) NW COR. 25TH AVE. AND  
RIVERA. One-story and base-  
ment frame dwelling.  
Owner—N. E. Johnson, 666 Mission  
Architect—C. O. Clausen, 746 46th  
Ave. \$4000

DWELLING  
(727) S. SHAFTER, 150 W LANE  
One-story and basement frame  
dwelling.  
Owner—Wm. Mohler, 1660 Rivera.  
Architect—Not Given. \$4875

DWELLING  
(728) W. CHESTER AVE., 400 N

Palmetto. One-story and base-  
ment frame dwelling.  
Owner—Rudolph Mohr & Sons, 4182  
Mission St.  
Architect—Albert Larsen, 333 Kearny  
St. \$4000

ALTERATIONS  
(729) 2606-08 OCTAVIA. Alter apart-  
ments.

Owner—E. Pisanl, care Contractor.  
Contractor—H. Papenhause, 595 Vic-  
toria Street.  
Architect—V. G. Raney, 233 Post St.  
\$2000

ALTERATIONS  
(730) NE COR. 17TH AND MIS-  
SION. Alter warehouse.  
Owner—Real Estate & Development  
Co., Hearst Bldg.  
Contractor—Geo. Wagner, 181 South  
Park.  
Architect—Not Given. \$3800

DWELLING  
(731) W JUNIPERO SERRA, 389  
N OCEAN. Two-story and base-  
ment frame dwelling.  
Owner—Stoness Bros., 1 Sloat Blvd.  
Architect—Not Given. \$5500

DWELLING  
(732) SW COR. 25TH AND VI-  
CENTE. One-story and base-  
ment frame dwelling.  
Owner—Dominic Tescomia, 1651 Ale-  
many.  
Architect—Not Given. \$4500

DWELLING  
(733) E. 9TH AVE., 250 N NORIE-  
GA. One-story and basement  
frame dwelling  
Owner—R. Wagner, 121 Dolores.  
Architect—Not Given. \$4000

DWELLING  
(734) W. 34TH AVE., 100 N TARA-  
VAL. One-story and basement  
frame dwelling  
Owner—J. V. Westerlund, 2355 28th  
Ave.  
Architect—Not Given. \$5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
380	Field	Burrill	1200
381	Hattersen	Thrams	1950
382	Scammel	Owner	4500
383	Fisher	Johnson	11000
384	McCorkle	Owner	6500
385	Chlun	Teigland	26000
386	McLean	Ohlsen	1200
387	Hutchings	Owner	1250
388	Loomis	Teigland	10500
389	Hieslander	Owner	15000
390	Hufschmidt	Owner	5000
391	Drey	Owner	12000
392	Estes	Beckett	2000
393	Jorgensen	Owner	2000
394	Cerrato	Owner	4000
395	Fidelity	Davis	4000
396	Seidensplanner	Owner	1600
397	Marston Co	Livingston	5000
398	Fidelity	Davis	4500
399	Gianganni	Lee	2000
400	Freed	Strong	9000
401	Dowling	Owner	4000
402	Woodburn	Owner	7000
403	Blichfield	Lynn	3150
404	Ong	Nelson	8000
405	Darling	Owner	4000
406	Day Prot. Inc	Lynn	3500
407	Jevors	Owner	1500
408	Buttler	Ghigliotti	1310
409	Wiggins	Swanson	4000
410	Dinkelspiel	Mattock	5000
411	Dinkelspiel	Mattock	2000
412	Gardner	Arnold	6000
413	Pause	Williams	6500
414	Golden West	Fasori	1500
415	Golden West	Cole	1000
416	Dodds	Larsen	5000
417	Dodds	Larsen	5500
418	Scammel	Owner	5000
419	General	Christensen	1500
420	Presler	Owner	5000
421	National	Owner	6500

ALTERATIONS  
(380) 301 PALA AVE., PIEDMONT.  
Alterations.  
Owner—E. B. Field, 301 Pala Ave.,  
Piedmont.  
Contractor—O. L. Burritt, 427 63rd  
St., Oakland.  
Architect—Not Given. \$1,200

GARAGE  
(381) E FILBERT ST. 67 S 12th St.,  
OAKLAND. One-story tile ga-  
rage.  
Owner—C. C. Hattersen, 1208 Filbert  
St., Oakland.  
Contractor—C. H. Thrams, 28 Hume  
Place, Oakland.  
Architect—R. F. Keefer, 585 Man-  
dana Blvd., Oakland. \$1950

DWELLING  
(382) 2441 CORDOVA ST., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner and Builder—J. W. Scammell  
3161 Fruitvale Ave., Oakland.  
Architect—Not Given. \$4,500

FLATS  
(383) 569-71 BEACON ST., OAK-  
LAND. Two-story 12-room flats.  
Owner—C. R. Fisher, 6127 Foothill  
Blvd., Oakland.  
Contractor—Elmer Johnson, 450  
Oakes Blvd., San Leandro.  
Architect—Not Given. \$11,000

DWELLING  
(384) 5422 PROCTOR AVE., OAK-  
LAND. One-story 7-room dwell-  
ing.  
Owner and Builder—J. T. McCorkle,  
832 Erie St., Oakland.  
Architect—Irwin Johnson, 2215 7th  
Ave., Oakland. \$6,500

STORES & LOFT  
(385) 715-19-23 WEBSTER Street,  
OAKLAND. Two-story concrete  
stores and loft.  
Owner—Chinn Han Kee, 1531 8th St.,  
Oakland.  
Contractor—C. M. Teigland, 525 49th  
St., Oakland.  
Architect—Not Given. \$28,000

ALTERATIONS  
(386) 3578 GRAY ST., OAKLAND  
Alteration and addition.  
Owner—McLean, 3578 Gray Street,  
Oakland.  
Contractor—Gus Ohlsen, 23152 South  
Garden Ave., Hayward.  
Architect Not Given. \$1200

DWELLING  
(388) 85 PARNASSUS, BERKELEY  
Two-story 8-room frame dwell-  
ing.  
Owner—Albert Loomis.  
Contractor—C. A. Teigland, 4607  
Harbord Dr., Oakland  
Architect—E. L. Snyder, 2104 Addi-  
son St., Berkeley. \$10,500

ADDITIONS  
(387) 2231 BROWNING, BERKE-  
LEY. Additions.  
Owner and Builder—L. Hutchings,  
2234 Browning, Berkeley  
Architect—Not Given. \$1,250

DWELLING  
(389) 101 BEECHWOOD DRIVE,  
OAKLAND Two-story 9-room  
dwelling.  
Owner and Builder—A. E. Wieslan-  
der, 46 Yosemite Ave., Oakland.  
Architect Not Given. \$15,000

DWELLING  
(390) 133 FLORENCE ST., OAK-  
LAND Two-story 6-room dwell-  
ing.  
Owner and Contractor—Hutchings  
& Whelan, 317 17th St., Oakl. Cal.  
Architect—Not Given. \$3000

DWELLING  
(391) 5314 PROCTOR AVE., OAK-

LAND. Two - story ten - room dwelling.

Owner and Builder—H. P. Drey, 5323 Estates Drive, Oakland.  
Architect—A. W. Calon, 3714 Lincoln Ave., Oakland. \$12,000  
Also 1-story garage, \$500.

#### ALTERATIONS

(392) 4889 TELEGRAPH AVENUE, OAKLAND. Alteration and additions.

Owner—Chas. Bates, Bank of America Bldg., Oakland.  
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.  
Architect—Not Given. \$3,000

#### ALTERATIONS

(393) 5012-18 BOND ST., OAKLAND. Alterations to apartments.  
Owner and contractor—J. R. Jorgensen, 271 40th St., Oakland.  
Architect—Not Given. \$2,000

#### DWELLING

(394) 4610 CONGRESS AVE., OAKLAND. One-story 6-room dwelling.  
Owner and Builder—Mrs. Frank Ceralo, 4616 Congress Ave., Oakland.  
Architect—Not Given. \$4,000

#### DWELLING

(395) 65 MARYLAND, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—Fidelity Accept. Corp., 2123 Shattuck.  
Contractor—C. H. Davis, 2154 Center.  
Architect—Not Given. \$4,000

#### ALTERATIONS

(396) 1819 THOUSAND OAKS, BERKELEY. Alterations.  
Owner & Builder—E. A. Seidenspinner, 1936 Thousand Oaks.  
Architect—Not Given. \$1,600

#### DWELLING

(397) 1500 ARCH, BERKELEY. 2-story 6-room frame dwelling and garage.  
Owner—W. H. Marston Co., 2333 Vine Street.  
Contractor—W. M. Livingston & Son, 1152 Euclid.  
Architect—E. T. Spencer, Claus Spreckels Bldg., San Francisco. \$8,000

#### DWELLING

(398) 75 MARYLAND. One-story 6-room frame dwelling and garage.  
Owner—Fidelity Accept. Corp., 2123 Shattuck.  
Contractor—C. H. Davis, 2154 Center.  
Architect—Not Given. \$4,500

#### ADDITION

(399) 2538 HUMBOLDT AVENUE, OAKLAND. Addition.  
Owner—C. Glannin, Prem.  
Contractor—B. F. Lee, 2813 Humboldt Ave.  
Architect—Not Given. \$2,000

#### DWELLING

(400) 95 SONIA ST., OAKLAND. Two-story 8-room dwelling.  
Owner—Louis Freed, 501 Mandana Blvd.  
Contractor—V. N. Strang, 1521 9th St., Alameda.  
Architect—Not Given. \$9,000

#### DWELLING

(401) 4818 FAIR AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—S. J. Dowling, 2500 Clay St., Alameda.  
Architect—Not Given. \$4,000

#### DWELLING

(402) 881 PORTAL AVENUE, OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—Paul E. Woodbury & Son, 624 Prospect Ave.  
Architect—Not Given. \$7,000

#### REPAIRS

(403) 4280 HOWE ST., OAKLAND. Fire repairs.  
Owner—J. Blichfeldt, Prem.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave.  
Architect—Not Given. \$1,150

#### DWELLING

(404) 6573 DAWES ST., OAKLAND. Two-story 8-room dwelling.  
Owner—Ralph Ong, Prem.  
Contractor—H. Nelson, 1039 Cherry Way, Hayward.  
Architect—Not Given. \$9,000

#### DWELLING

(405) 4512 VIRGINIA AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Contractor—E. Darlog, 2607 76th Ave., Oakland.  
Architect—Not Given. \$4,000

#### ALTERATIONS

(406) 1700-1702-1704 BROADWAY, OAKLAND. Alterations.  
Owner—Bay Properties, Inc., 1727 Franklin St., Oakland.  
Contractor—W. F. Lynn, 1037 Ashmount Ave., Oakland.  
Architect—Not Given. \$3,500

#### ADDITION

(408) 5671 AYALA ST., OAKLAND. Addition.  
Owner—Louis Butler, Prem.  
Contractor—Louis Ghigliotti, 5503 Telegraph Ave.  
Architect—Not Given. \$1,340

#### DWELLING

(409) 1856 WOODHAVEN WAY, OAKLAND. One-story 5-room dwelling.  
Owner—J. S. Wiggins, 6640 Thornhill Dr.  
Contractor—Wiggins & Swanson, 6640 Thornhill Dr.  
Architect—Not Given. \$4,000

#### DWELLING

(410) Foothill Blvd. & Hellman Est., Oakland. Two-story, 4-room dwelling.  
Owner—L. W. Dinkelspiel, 2800 Broadway, San Francisco.  
Contractor, A. F. Mattock Co., 212 Clara St., San Francisco. \$5,000  
Architect—Not Given.

#### ALTERATIONS

(411) HELLMAN EST., FOOTHILL BLVD., OAKLAND. Alterations.  
Owner—L. W. Dinkelspiel, 2800 Broadway, San Francisco.  
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. \$2,000  
Architect—Not Given.

#### DWELLING

(412) 41 SONIA ST., OAKLAND. Two-story 6-room dwelling.  
Owner—Dr. C. S. Gardner, 2122 Lakeshore Ave.  
Contractor—Henry W. Arnold, 816 Oak St., Alameda.  
Also 1-story garage, \$150.  
Architect—Not Given. \$6,000

#### STORE & DWELLING

(413) 654 MORAGA RD., OAKLAND. Two-story 7-room store and dwelling.  
Owner—Paul Pause, Prem.  
Contractor—H. E. Williams, 839 Creed Rd.  
Architect—F. H. Slocombe, 41st and Piedmont Ave. \$6,500  
Also 1-story garage, \$150.

#### ALTERATIONS

(414) 533 KIRKHAM ST., OAKLAND. Alterations.  
Owner—Golden West Brewing Co., 533 Kirkham St.  
Contractor—S. Rasori, Cal Bldg., San Francisco.  
Architect—W. Adrian, 417 Market St., San Francisco. \$1,500

#### ROOF TANK

(415) 533 KIRKHAM ST., OAKLAND. Roof tank.  
Owner—Golden West Brewing Co., 533 Kirkham St.  
Contractor—Walter Cole, 5th and Adeline Sts.  
Architect—W. Adrian, 417 Market St., San Francisco. \$1,000

#### DWELLING

(416) 9 EL CARMELO CIRCLE, OAKLAND. One-story 5-room dwelling.  
Owner—E. B. Dodds, 676 Alma Ave.  
Contractor—Carl C. Larsen, 123 Palm Dr., Piedmont.  
Architect—Not Given. \$5,000

#### DWELLING

(417) 1 EL CARMELO CIRCLE, OAKLAND. One-story 6-room dwelling.  
Owner—E. B. Dodds, 676 Alma Ave.  
Contractor—Carl C. Larsen, 123 Palm Dr., Piedmont.  
Architect—Not Given. \$5,500

#### DWELLING

(418) 2544 CORDOVA ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.  
Architect—Not Given. \$5,000

#### BRICK VAULT

(419) 740 108TH AVE., OAKLAND. One-story brick vault.  
Owner—General Metals Corp., 8901 Railroad Ave.  
Contractor—H. J. Christensen, 1955 Webster St.  
Architect—Aber Froberg, 1855 Webster St. \$1,500

#### DWELLING

(420) 2327 E. 25TH ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Walter Pressler, 1419 Excelsior Ave.  
Architect—Not Given. \$5,000

#### ADDITION

(421) 4701 SAN LEANDRO ST., OAKLAND. One-story addition.  
Owner & Builder—National Lead Co. Prem.  
Architect—Not Given. \$6,500

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
45	Cohen	Strand	4700
46	McCarthy Co	Aetna	4150
47	McCarthy	Aetna	4150
48	Mitchell	Bernhardt	1572
49	Ferrari	Henrietta	6400

#### ALTERATIONS

(45) 2945 OCEAN AVE. Alter 1-story frame dwelling.  
Owner—William and Helen Cohen, 2945 Ocean Ave.  
Architect—Chas. F. Strandhoff, 2274 15th St.  
Contractor—T. I. Stroth, 300 Buchanan St.  
Filed Mar. 19, '37. Dated Mar. 13, '37.  
Fram complete ..... \$1,175  
Brown coat plaster ..... 1175  
Completion ..... 1175  
Total \$3,525 ..... 1175  
Bond, \$4,700. Surety, Inland Bonding Co. Limit, 70 days. Plans and specifications filed.

#### DWELLING

(46) Commencing at a pt on SW line of Santa Rosa prop dist 206, 1/4 SE from SE Cayuga; running thence SW and pari with ad SE line of Cayuga Ave 350 ft to the point of commencement. One-story frame dwelling, and garage.  
Owner—The McCarthy Co., 533 Kearny St.  
Contractor—Aetna Constr. Co., 1730 24th Ave.



Filed Mar. 23, '37. Dated Mar. 17, '37.  
 Frame up—25%.  
 Brown coat plaster—25%.  
 Completion—25%.  
 Usual 35 days—25%.

**TOTAL COST, \$4150**  
 Limit, 90 days. Plans and specifications filed.

**DWELLING**  
 (47) Commencing at a pt on SW line Santa Rosa perp distant 309 SE from SE line Cayuga; running thence SW and parallel with SE line Cayuga 375 ft to point of commencement. One-story frame dwelling and garage.

Owner—The McCarthy Co., 333 Kearby St.  
 Contractor—Aetna Constr. Co., 1130 24th Ave.  
 Filed Mar. 23, '37. Dated Mar. 17, '37.  
 Frame up—25%.  
 Brown coat plaster—25%.  
 Completion—25%.  
 Usual 35 days—25%.

**TOTAL COST, \$4150**  
 Limit, 90 days. Plans and specifications filed.

**MOVE DWELLING, ETC.**  
 (48) 2446 19TH AVE. Move dwelling and relocate foundations, furnace, etc.  
 Owner—Eva and Clifford C. Mitchell, 2446 19th Ave.  
 Contractor—Bernhardt & Cowen, 924 Taraval St.

Filed Mar. 23, '37. Dated Mar. 8, '37. On new location.....\$786  
 Usual 35 days.....786  
**TOTAL COST, \$1572**

**SERVICE STATION**  
 (49) NE. COR. MAYNARD AND MISSION. Service station  
 Owner—H. L. Ferrari.  
 Contractor—V. M. Henrietta, 2929 21st Ave.

Filed Mar. 24, '37. Dated Mar. 23, '37. Bldg. delivered.....\$1920  
 Bldg. erected.....1920  
 Completion.....1920  
 Usual 35 days.....640  
**TOTAL COST, \$6400**  
 Plans and specifications filed

**ALAMEDA COUNTY**

No. Owner Contractor Amt.  
 50 Bay Prop., Inc. Lynn 3564

**ALTERATIONS**  
 (50) 1700 BROADWAY, OAKLAND Alterations.  
 Owner—Bay Prop., Inc.  
 Contractor—Willis F. Lynn.  
 Filed Mar. 23, '37. Dated Mar. 20, '37.  
 Tile partitions completed.....\$91  
 Plastering completed.....891  
 Completion.....891  
 Usual 35 days.....891

**TOTAL COST, \$3564.00**  
 Limit, 30 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1,000**

**BILLBOARD, \$7;** E. Steiner, 25 N Page; owner, Foster & Kleiser Co., 1675 Eddy St.  
**SIGN, electric, \$50;** 165 Powell; owner, M. Slagel, Prem.; contractor, Pacific Elec. Const. Co., 1499 Mission.  
**SIGN, electric, \$400;** 314 Kearny St.; owner, Hotel Shasta, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
**FLUES, \$120,** 1090 Point Lobos; owner, Whitney Bros., 4900 Cabrillo; contractor, Wm. P. Goss, 4640 Geary.  
**ALTER laboratories, \$500;** 909 Harrison; owner, Organic Sea Products Corp., Prem.; contractor, S. F. Dal Porto, 4327 Geary Blvd.  
**ALTER dwelling, \$500;** 314 Clarendon; owner, Max Richter, Prem.  
**ALTER dwelling, \$980;** 746 Van Ness

Ave. So.; owner, Ethel J. Gladwin, Prem.; contractor, Fred Stotzer, 1455 11th Ave.  
**ALTER dwelling, \$110;** 3187 Clay; owner, Mr. Dodge, Prem.; contractor, W. Warren, 614 Hanover.  
**BILLBOARD, \$13;** SW Irving and 28th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**FLUE, \$16;** 337 Louisburg; owner, Frasso, 38 Caline Ave.; contractor, Cal. Downall, Daly City.  
**FLUE, \$40;** 678 Vermont; owner, G. Golabic, Prem.; contractor, Wm. P. Goss, 4640 Geary.  
**ALTER flats, \$500;** 2806 Jackson; owner, H. M. Robinson, 2309 Divisadero; contractor, Knut Johnson, 1310 Sanchez.  
**ALTER dwelling, \$175;** 780 Arguello Blvd.; owner, R. Stolzeuwald, 2770 22nd Ave.  
**16th St.;** owner, West Coast Addressing Co., 2271 Union; owner, G. Monteverdi, 2048 Greenwich.  
**BILLBOARD, \$13;** W. Potrero, 250 N vertising Co., 1430 Divisadero.  
**SIGN, electric, \$200;** 6101 Geary; owner, Associated Oil Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
**FLUE, \$20;** 26 Cervantes; owner, Chas. Murphy, 1475 Chestnut; contractor, Wm. P. Goss, 4640 Geary.  
**BILLBOARD, \$7;** SW Anca and Masonic; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** S Turk, 176 E Arguello; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** W. 8th Ave., 125 S Cabrillo; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** S. California, 57 E 10th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** N. Fulton, 100 E 27th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$25;** N. Fulton, bet. 28th and 29th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** S. Geary, 57 W 32d Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW 43rd Ave. and Point Lobos; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SE Douglas and Market St.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW California and Lyon; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7.50;** Lombard, 159 E Gough; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** W. Franklin, 75 S Lombard; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** N. Bay, 100 W Webster; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** N. Bay, 130 West Webster; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** W. Fillmore, 279 N Chestnut; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SW 14th Ave. and Lincoln Way; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SE Market and 19th St.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$13;** E Potrero, 146 S 17th St.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SW Howth and Ocean; owner, Foster & Kleiser, 1675 Eddy St.  
**BILLBOARD, \$7;** S. Ocean, 130 W Howth; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SE Ottawa and San Jose; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** San Jose Ave., 166 N Naglee; owner, Foster and Kleiser Co., 1675 Eddy St.

**BILLBOARD, \$7;** NE Naglee and San Jose Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NE San Jose and Farragut; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** W. 3rd, 50 S Le Conte; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** SW Cor. 3rd and Le Conte; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW Cor. 3rd and Le Conte; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** N. Army, 103 E York; owner, Foster & Kleiser Co., 1675 Eddy St.  
 tractor, Elec. Prod. Corp., 910 Harrison.  
**SIGN, electric, \$100;** 3988 18th St.; owner, E. J. Garrity, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome.  
**SIGN, electric, \$150;** 1426 Market; owner, Zack Radio, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.  
**BILLBOARD, \$38;** NW Cor. Mission and 8th St.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** S. Monterey, 225 W Detroit; owner, Foster & Kleiser Co., 1675 Eddy St.  
**SIGN, electric, \$75;** 1101 Van Ness Ave.; owner, Van Etta Motors, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.  
**ALTER dwelling, \$100;** 2545-47 Foot St.; owner, J. S. Purcell, 850 Presidio Ave.  
**SIGN, electric, \$100;** 3rd St. and Bayshore Highway; owner, Hearst Radio, Inc., Prem.; contractor, Neon Sign Service Co., 1707 Folsom.  
**ALTER dwelling, \$549;** 252 London; owner, Daniel A. Celsa, Prem.; contractor, National Roofing and Siding Co., 2172 Market St.  
**BILLBOARD, \$7;** NW Cor. Taraval and 32nd Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW Cor. Taraval and 39th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW Cor. Taraval and 28th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NW Cor. Taraval, bet. 15th and 16th Aves.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** NE Cor. Taraval and 30th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$13;** NW 3rd and Paul; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$13;** SE Beale and Harrison; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$19;** SW Beale and Harrison; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$13;** NW Harrison and Beale; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$7;** W. Main, 186 N Harrison; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$19;** NW Harrison and Main; owner, Foster & Kleiser Co., 1675 Eddy St.  
**BILLBOARD, \$19;** SW Cor. 3rd and Carroll; owner, Foster & Kleiser Co., 1675 Eddy St.  
**SIGN, electric, \$50;** 721 Sutter; owner, Fred Book Store, Prem.; contractor, Neon Sign Service Co., 1707 Folsom.  
**SIGN, electric, \$61;** 1003-14 Powell; owner, Ruth Thompson, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome.  
**SIGN, electric, \$150;** 920 Larkin; owner, F. Welas & Son, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.  
**ALTER dwelling, \$500;** 2437 San Bruno Ave.; owner, Philip Upper, Prem.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Schools                     |
| 6.—Garages and Service Stations | 16.—Banks, Stores and           |
| 7.—Federal Buildings            | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies &            |

### 1—APARTMENTS

Plans Being Figured—

Bids Close March 27, 2 P. M.

**APARTMENTS** Cost, \$5,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 Two-story frame and stucco apartment bldg. (nine 3-room apartments) tile and composition roof, hardwood floors, warm air heat, tile baths, individual refrigeration.

Owner—Mr. Cunningham.

Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.

Bids are being received from the following selected list of contractors:

M. W. Reese, 1210 Minnesota Ave., San Jose.

Bert Ward & Son, 1139 Lincoln Ave., San Jose.

N. J. Nielsen, 1279 Iris Court, San Jose.

W. M. Caldwell, 1241 Hedding St., San Jose.

**Structural Steel Contract Awarded**  
**APARTMENTS** Cost, \$50,000  
**SAN FRANCISCO**, NW Cor. North Point and Broderick Sts.

Three-story frame and stucco apartment building (54 rooms, in two-, three- and four-room apts.), tile wainscoting in kitchens and baths, hardwood floors, composition roof, automatic refrigeration, steam heat concealed radiation, etc.

Owner & Builder—Viggo Rasmussen, 1695 North Point St., San Francisco.

Architect—R. R. Irvine, 2048 Market St., San Francisco.

**Structural Steel—Golden Gate Iron Works**, 1541 Howard St., San Francisco.

Other awards will be announced shortly.

**Contract Awarded**  
**APARTMENTS** Cost, \$30,000  
**SAN FRANCISCO**, NW Cor. Fulton and 29th Ave.

Three-story frame and stucco apartment building.

Owner—O. M. Oyen, 50 Castenada Ave.

Architect—F. W. Dakin, 625 Market St.

Engineer—Wm. Adrian, 417 Market St.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$18,000  
**SAN MATEO**, West half of Lot 9.

Bldg. D, Dartmouth Road.

Apartment buildings (4 apartments). Owner—E. M. Johnson, 729 Occidental St., San Mateo.

Architect—Not Given.

Contractor—Louis Johnson, 729 Occidental St., San Mateo.

### 3—CHURCHES

**Contract Awarded**

**CHURCH** Cost, \$5,000  
**PATERSON**, Stanislaus Co., Calif.  
 One-story and basement frame and stucco church (chapel, Sunday School rooms, kitchen, etc.), maple floors, oil burning heating plant, etc.

Owner—United Church.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.

Contractor—Knutson & Moe, 229 N. Third St., Patterson.

**Plans Being Prepared**  
**CHURCH** Cost, \$10,000

**ARVIN**, Kern Co., Calif.  
 Adobe church (seating capacity, 250 persons).

Owner—Arvin Catholic Church.  
 Architect—Franklin & Kump, Haberfeld Bldg., Bakersfield.

### 4—FACTORIES & WAREHOUSES

**Contract Awarded**  
**ALTER SHOP BLDG.**

Cost, \$2,300  
**SAN FRANCISCO**, Calif. 17th and Bryant Sts.

Extension of blacksmith shop.  
 Owner—American Can Co., 111 Sutter St.

Plans by Engineering Department of Owner (New York Office).  
 Contractor—Barrett & Hilp, 918 Harrison St.

**Sub Contract Awarded**  
**FACTORY** Cost, \$5,000

**SAN FRANCISCO**, Calif. SE Bay and San Bruno Aves.

One-story class C addition to existing factory building, concrete foundations, brick walls, steel sash, steel frame, composition roof, etc.

Owner—Schlage Lock Co., 20 Blanken Street.

Engineer—W. Adrian, 417 Market St.  
 Contractor—Cahill Bros., 206 Sansome St.

**Plumbing—Scott Co., Inc.**, 243 Minna Street.

As previously reported:  
**Structural Steel—Independent Iron Works**, 821 Pine St., Oakland.

**Plans Being Figured—Bids Close**  
 April 1, 8 P. M.

**CORP. YARD BLDG** Cost, \$9,000  
**SACRAMENTO**, Sacramento County.

Frame and corrugated iron corporation yard building (120x40 feet) elevated concrete floor, offices in end of building, plaster finish.  
 Owner—City of Sacramento (H. G. Denton, City Clerk).

Plans & specifications obtainable from the above office.

**Contract Awarded**  
**ADDITION TO PLANT** Cost, \$15,000

**MODESTO**, Calif., Stanislaus Co., Cal.  
 one-quarter mile south of Tuolumne River.

Addition of first unit of new plant for the Ansul Chemical Co. of California; hollow tile and cement building (60 x 120 ft.).

Owner—Ansul Chemical Co. of Calif. (Ward Snowden, Manager)

Plans by Engineering Department of Owner.  
 Contractor—Witland Bros., 401 Virginia Avenue, Modesto.

Plans call for the addition of three more units within two years, making a total building investment of \$50,000.

**Plans Being Figured—Bids Close**

April 1, 8 P. M.  
**CORP. YARD BLDG.** Cost, \$9,000  
**SACRAMENTO**, Sacramento County  
 Calif., S St. bet. Alhambra Blvd. and 24th St.

Frame and corrugated iron corporation yard storage and office bldg. (120x40 feet) elevated concrete floor, offices in end of building, plaster finish.

Owner—City of Sacramento (H. G. Denton, City Clerk).

Architect—Not Given.  
 Plans and specifications obtainable from the above offices upon deposit of \$10.00.

**Sub Contract Awarded**  
**INDUSTRIAL BLDG.** Cost, \$20,000

**OAKLAND**, Alameda Co., Calif. SW Cor. 24th and Union Sts.

One-story reinforced concrete industrial building (55 x 115 ft.), steel roof trusses, Class C construction, composition roof, steel sash.

Owner—J. C. White.

Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

**Steel Windows—Detroit Steel Products Co.**, 111 Sutter St., San Francisco.

**Contract Awarded**  
**WAREHOUSE** Cost, \$17,400

**SALINAS**, Monterey Co., Calif.

One- and two-story concrete and frame warehouse building.

Owner—Associated Steel Co.  
 Architect—Chas. E. Butler, 7 Winham St., Salinas.

Contractor—Albert Staton, 429 Front St., Salinas.

**Sub Contract Awarded**  
**BUILDING** Cost, \$125,000

**SAN FRANCISCO**, Tenth and Bryant Streets.

Two-story and basement reinforced concrete bottling and canning plant.

Owner—San Francisco Brewing Co., Tenth and Bryant Streets.

Engineer—W. E. Murray, 908 Hayes.

Contractor—Cahill Bros., 206 Sansome Street.

**Elevators—Atlas Elevator Co.**, 34 Harriet Street.

**Steel Sash—Michel & Pfeffer Iron Works, Inc.**, Tenth and Harrison Streets.

Complete sub-contracts awarded to date published Jan. 14, Feb. 25 and March 1.

### BIDS WANTED

**SAN BERNARDINO CO., Calif.**—Until April 13, 11 a. m., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for constructing wood frame and corrugated iron warehouses as follows: (1) two warehouses, one at Intake and the other at Gene, San Bernardino county; (2) one warehouse at Iron Mountain, San Bernardino county; (3) two warehouses, one at Eagle Mountain and the other at Hayfield, Riverside county. Bidding data may be obtained from the district in Los Angeles or in Banning upon payment of \$2 per set; not to be refunded.

**Planned ALTERATIONS** Cost, \$5,000

**STOCKTON**, San Joaquin Co., Calif.  
 Aurora, Lafayette, Grant and Sonora Streets.

Remodelling and alterations to one-story sheet iron building (90,900 sq. ft. floor space), to house hardware concern.

Owner—E. E. Huddleston, Oakland.  
 Lessee—Austin Bros. Main and  
 American Sts., Stockton.  
 Architect—Not Given.

Plans Being Figured — To Close  
 April 7, 2 P. M.

WAREHOUSE Cost, \$.....  
 EMBRYVILLE, Alameda Co., Calif.  
 Powell St. and Bay Shore High-  
 way.

Two-story reinforced concrete ware-  
 house and service plant (200x200  
 feet).

Owner—J. Catucci.  
 Lessee—Bigelow-Sanford Carpet Co.,  
 of New York.

Architect—Will G. Corlett, Bank of  
 America Bldg., Oakland.

Plans are being figured by a select-  
 ed list of contractors to be an-  
 nounced shortly.

**5— FLATS**

Working Drawings Completed  
 FLATS Cost, \$12,000 each  
 SAN FRANCISCO, N Bay 155 West  
 Webster Street.

Two two-story and basement frame  
 and stucco flats bldgs. (6 rooms  
 and two baths in each flat) com-  
 position roofing, forced hot wa-  
 ter heating system, wood sash,  
 hardwood floors, tile baths and  
 showers, flat glass shower doors  
 and interior walls throughout

Owner—Karl Holmgren.  
 Architect—R. R. Irvine, 2048 Market.  
 Segregated bids on all portions of  
 the work will be taken by the owner.

To Be Done By Day's Work  
 FLATS Cost, \$11,000  
 OAKLAND, Alameda Co., Calif. 569  
 Beacom St.

Two-story flat building (12 rooms).  
 Owner—C. R. Fisher, 6127 Footmill  
 Blvd.

Architect—Not Given.  
 Contractor—Elmer Johnson, 450  
 Oakes Blvd., San Leandro.

Contract Awarded  
 FLATS Cost, \$11,000  
 SAN FRANCISCO, W. Beaumont  
 St., 33 ft. N. Lone Mountain Ter-  
 race.

Two-story frame and stucco flat  
 building.  
 Owner—M. L. Sims, 157 Stanyan St  
 Architect—Not Given.

Stanyan St.  
 Contractor—Peder P. Johnsen, 157  
 St.

**6—GARAGES & SERVICE STATIONS**

Contract Awarded  
 ALTER GARAGE Cost, \$20,000  
 SACRAMENTO, Calif. 517 J St.  
 Alter garage building.

Owner—Argonaut Wire Co., 517 J St.  
 Architect—Not Given.  
 Contractor—Jul Johnson, 1923 17th  
 St.

Contract Awarded  
 SERVICE STATION Cost, \$.....  
 FRESNO, Calif. Blackstone and  
 Stanislaus Sts.

Gasoline service station.  
 Owner—Unifon Oil Company.

Plans by Engineering Department of  
 Owner.  
 Contractor—R. E. Wickersham, P.O.  
 Box 487, Fresno.

Contract Awarded  
 SERVICE STATION Cost, \$.....  
 LOS BANOS, Merced Co., Calif. 4th  
 and Pacheco Highway.

Gasoline service station.  
 Owner—Unifon Oil Company.

Plans by Engineering Department of  
 Owner.  
 Contractor—Clyde D. Jones, Los Ba-  
 nos.

Contract Awarded  
 GARAGE Cost, \$11,000  
 STOCKTON, San Joaquin Co., Calif.  
 623 East Market Street.  
 Brick garage building.  
 Owner—Hickinbotham Bros. Ltd.  
 Architect—Not Given.  
 Contractor—E. Merlo, Rt. 2, Box 232,  
 Stockton.

**7— FEDERAL BUILDINGS**

Bids Wanted—To Close May 4  
 POST OFFICE Cost, \$.....  
 VACAVILLE, Solano Co., Calif.  
 New U. S. Post Office.

Owner—United States Government.  
 Plans by the Supervising Architect  
 of Treasury Dept., Washington,  
 D. C.

Low Bidders  
 P. O. & COURTHOUSE Cost, \$125,000  
 NOME, Alaska.

United States post office and court  
 house building (18,888-foot 1 two-  
 story and basement reinforced  
 concrete construction.

Owner—United States Government.  
 Plans by Supervising Architect of  
 the Treasury Dept., Washington,  
 D. C.

Low Bidder—A. S. Hansen Co., 2200  
 25th St., Seattle (no guaranty)  
 \$196,000.

MacDonald Const. Co., St. Louis,  
 Mo., at \$518,420 submitted second low  
 bid.

BIDS WANTED  
 SAN FRANCISCO, Calif. — Until  
 March 24, 11 a. m., bids will be  
 received at the Public Works Office,  
 Twelfth Naval District, Room 353,  
 Federal Office Bldg., Civic Center,  
 San Francisco, for Two Time Locks  
 to be furnished and installed on  
 vaults in Rooms 310-A and 353, Fed-  
 eral Office Bldg., Civic Center, San  
 Francisco, under Spec. No. 8412.

Specifications and drawings may be  
 obtained from the Public Works  
 Officer, Twelfth Naval District, Rm.  
 353, Federal Office Bldg., San Fran-  
 cisco, upon deposit of \$5.00, payable  
 to Norman M. Smith, the Chief of  
 the Bureau of Yards and Docks.

PLANS ON FILE  
 ROSEBURG, Ore.—A set of plans  
 and copy of specifications for con-  
 structing and finishing complete O.  
 T. Shops Building No. 17, at Veter-  
 ans' Administration Facility, Rose-  
 burg, Ore., for which bids will be  
 opened April 12, 1-30 p. m., are on file  
 at the office of the DAILY PACIFIC  
 BUILDER, 465 Tenth St., San Fran-  
 cisco.

The building contains approximat-  
 ely 120,000 cubic feet, and work will  
 include excavating, reinforced con-  
 crete, hollow building tile, brick-  
 work, cut stone, cast stone, water-  
 proofing, metal work, steel window  
 equipment, tile roofing, metal venti-  
 lators, metal lathing, plastering, car-  
 pentry, floor and wall tile, metal  
 wearstrips, insect screens, paint-  
 ing, glazing, hardware, plumbing,  
 heating, electrical work, outside ser-  
 vice connections, etc.

Plans and specifications may be  
 obtained from Construction Service,  
 Room 764, Arlington Bldg., Wash-  
 ington, D. C., and from the Supervising  
 Superintendent of Construction, Veter-  
 ans' Administration Facility, Palo  
 Alto, Calif. No deposit required.

BIDS OPENED  
 SAN DIEGO, Calif.—Public Build-  
 ing Contractors, Bronx, N. Y., at  
 \$4,995, submitted low bid to the Pro-  
 curement Division, Public Buildings  
 Branch, Washington, D. C., for a  
 parachute left, radio poles, etc., at  
 the "Unit 10" hangar, U. S. Coast  
 Guard Air Station, San Diego.

Complete bids follow:

Public Building Contractors,  
 New York ..... \$4,895  
 M. H. Golden, San Diego ..... 5,800  
 Lewis Bros., Phoenix, Ariz. .... 6,192  
 Hoagland Ergig. & Contract-  
 ing Co., Long Beach ..... 6,545

BIDS WANTED  
 WASHINGTON, D. C.—Until April  
 10 10 A. M., bids will be received by  
 the Procurement Division, Public  
 Buildings Branch, Washington, D. C.  
 for manufacturing and furnishing  
 parcel post cash and stamp drawers  
 for Federal buildings.

Drawings and specifications may  
 be obtained from the above office.

BIDS OPENED  
 KETCHIKAN, Alaska. — Mutual  
 Metal Mfg. Co., Chicago, at \$2,755,  
 submitted low bid to the Procu-  
 rement Division, Public Bldgs. Branch,  
 Washington, D. C., for interior light-  
 ing fixtures in the U. S. Post Office,  
 Courthouse, Custom House and Jail,  
 at Ketchikan.

Complete bids follow:  
 Mutual Metal Mfg. Co., Chicago \$2755  
 The Reading Chandler Works,  
 Reading, Pa. .... 2850

L. R. McDorman, Washington, ..... 3310  
 Tri-State Electric Co., Memphis  
 Tennessee ..... 4000

BIDS OPENED  
 DENVER, Colo.—Alvin Strutz, Jr.,  
 Denver, at \$2,400 submitted low bid  
 to the Procurement Division, Public  
 Buildings Branch, Washington, D. C.  
 for wrought iron grilles and wire  
 mesh screens in the U. S. Mint at  
 Denver.

Complete bids follow:  
 Alvin Strutz, Jr., Denver, ..... \$2,400  
 Kentucky Metal Products Co.,  
 Louisville, Ky. .... 2,670

The Ornamental Iron Works  
 Co., Akron, Ohio ..... 2,758  
 Southern Ornamental Iron W'ks  
 Co., Arlington, Texas ..... 2,773

Public Building Contractors,  
 Bronx, N. Y. .... 2,994  
 Gate City Iron Works, Omaha,  
 Nebraska ..... 3,130

Start Ornamental Iron Works,  
 San Francisco ..... 3,150  
 Anchor Post Fence Co., S. F. .... 3,294  
 Bellis Wire Works Co., Brook-  
 lyn, N. Y. .... 3,200

Western Wire & Iron Works,  
 Chicago ..... 4,320

Sub-Contracts Awarded  
 REVISIONS Cost, \$110,400  
 SAN FRANCISCO, Leavenworth &  
 Fulton Streets

Revisions to the 1st, 2nd, 4th, 5th,  
 and attic floors of the Federal  
 Office Building.

Owner—U. S. Government  
 Plans by Supervising Architect of  
 the Treasury Dept., Washington,  
 D. C.

Contractor—Anderson and Rowe, 4  
 Belcher St.  
 Interior Marble—Vermont Marble Co.,  
 525 Market St.

Tile Work—Melring Tile Co., 1701  
 University Ave., Berkeley.  
 Painting—D. Zelinsky & Sons, Inc.,  
 165 Grove St.

Glass and Glazing—W. P. Fuller and  
 Co., 301 Mission St.  
 Ventilation—Ace Sheet Metal Works,  
 44 Clementina Street.

Asbestos Covering—Western Asbes-  
 tos Co., 675 Townsend Street.  
 Electrical Work—Paragon Elec. Co.,  
 68 Belcher Street.

Lathing, Plastering and Furring—M.  
 J. King, 231 Franklin St.  
 All of San Francisco, unless other-  
 wise noted.

BIDS WANTED  
 SAN PEDRO, Los Angeles, Calif.—  
 Until April 8, bids will be re-  
 ceived by the Procurement Division,  
 Public Buildings Branch, Wash-  
 ington, D. C. for painting plaster at

the U. S. Postoffice and Courthouse, San Pedro.

Drawing and specifications may be obtained from the above office.

#### BIDS WANTED

**MARCH FIELD.** Riverside Co., Calif.—Until March 30, 10 a. m., bids will be received by the Constructing Quartermaster, March Field, for floodlight installation at March Field. Plans and specifications may be obtained from the above address upon deposit of \$5.

#### BIDS WANTED

**SAN FRANCISCO.**—Until April 12, 10 a. m., bids will be received by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the furnishing and fabrication of one unit of 16 portable demountable buildings and five units of 6 portable demountable buildings each, for CCC camps within the Ninth Corps Area.

Plans and specifications obtainable from the above office upon deposit of \$10.

#### SITE SELECTED

**RIVERSIDE, CALIF.**—U. S. Treasury Department-Post Office Department joint committee has selected property on the north side of Ninth St., between Orange and L streets, Riverside, as the site for the U. S. Post Office building to be erected in that city. The site covers an area of 169x314 feet.

#### BIDS OPENED

**SAN FRANCISCO.**—Herring-Hall-Marvin Safe Co., 214 California St., at \$58, submitted low bid to the Public Works Office, Twelfth Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, for Two Time Locks to be furnished and installed on vaults in Rooms 310-A and 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 842.

Complete bids follow:

Herring-Hall-Marvin Safe Co., San Francisco.....	\$355
Hermann Safe Co.....	380
American Safe Co.....	419

Bids have been referred to the Bureau of Yards & Docks, Washington, D. C.

#### 8— CLUB BUILDINGS

Bids In—Held Under Advisement  
**CLUB HOUSE** Cost, \$20,000

**MARTINEZ,** Contra Costa Co., Calif.  
Pacheco Blvd. and Arriba St.  
Two story frame employees' club house (38x90 ft.).

Owner—Shell Oil Company.  
Plans by Engineering Department of Owner (L. R. Witt architect).  
Announcement will be made within a few days.

#### 9— HOSPITALS

Bids Wanted — To Close March 31  
**ALTER HOSPITAL** Cost, \$.....  
**MARYSVILLE,** Yuba Co., Calif. 4th and H Streets.

Air conditioning system and miscellaneous alterations to Rideout Memorial Hospital.

Owner—Rideout Memorial Hospital.  
Architect — Martin A. Sheldon, Madronock Bldg., San Francisco.

Plans will be available tomorrow from the San Francisco office of the Architect upon deposit of \$10.

Lathing & Plastering Contract Awarded

#### HOSPITAL ADDITION

Cont. Fr., \$109,990  
**SACRAMENTO,** Sacramento Co., Cal.  
52nd and F Streets.  
Two-story fireproof maternity hospital addition (48 beds), steam

heat, air conditioning system.

Owner—Sutter Hospital.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
Contractor — Campbell Constr. Co., 800 R St., Sacramento.

Lathing & Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.  
Other sub contracts awarded published in the issues of Feb. 26 and March 9.

#### 10— HOTELS

Contracts Awarded

**ALTERATIONS** Cost, \$.....  
**SACRAMENTO,** Sacramento County, Calif. Fifth and J Streets.

Alterations to Travelers hotel (steam fittings, tile work, plumbing, floor laying, etc.)

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

Electrical—J. C. Hobrecht Co., 1912 Eye St., Sacramento.

Plumbing—Hateley & Hateley, 1714 Tenth St., Sacramento.

Roofing—San Joaquin Lumber Co., P. O. Box 71, Stockton.

Marble—American Marble Co., P. O. Box 578, South San Francisco.

Bids on refrigeration, ventilation, tile and sheet metal are in and under advisement.

#### PREPARING PLANS

**PALM SPRINGS,** Riverside Co., Calif.—George W. Wagner, proprietor of Caballita Indian Village, Palm Springs, is having plans prepared for a new 72-room air-conditioned hotel and apartment building, with tiled swimming pool and tennis court, to be built on the site of the apartments he now operates in Palm Springs

#### Architect Announced

**HOTEL** Cost, \$4,000,000  
**SAN FRANCISCO.**

Twentyseven-story steel frame Class A hotel building of modernistic architecture; main structure to be fifteen stories in height with two towers of twelve stories each above, consisting of 1200 rooms, suites and baths, convention auditorium (extending full length of building) roof garden and two dining rooms to occupy the two top floors of main structure; swimming pool, 3 dining rooms, bachelor bar, cocktail lounge, shops, garage, etc. Towers will contain housekeeping and bachelor suites; entire building will be air conditioned with individual temperature regulation in each room.

Owner—New York Corporation.  
Architect—Mark Daniels, 101 Post St.  
Mgr. of Const.—A. F. Krenkel, 1095 Post Street.

Separate bids will be taken as follows:

- (1) General work;
- (2) Plumbing;
- (3) Heating and Air-Conditioning;
- (4) Painting and Decorating;
- (5) Tile Work.

#### 12— POWER PLANTS

##### FUNDS ALLOTTED

**NEZ PERCE CO., Idaho.**—The Rural Electrification Administration has allotted a loan of \$325,000 to the Asaan, Lewiston, for the construction of 264 miles of rural distribution lines and a 450-kw generating plant, to serve approximately 900 customers in the Palouse wheat area of northern Idaho, largely in Nez Perce County.

##### FUNDS ALLOTTED

**LANE CO., Oregon.**—The Rural Electrification Administration has allotted \$108,000 to the Blachly Power Project, Blachly, Oregon, to finance construction of about 7 miles of rural distribution line and a portable 50-kw generating plant to be used pending the construction of a projected transmission line to bring power from the new Bonneville Dam development. About 420 customers will be served in Lane County.

#### BIDS WANTED

**HICKAM FIELD.**—Until April 27, 1:30 p. m., P. S. T., bids will be received by the Constructing Quartermaster, Fort Mason, and until 11 a. m., P. S. T., by the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W 397-37-18, for the construction and completion of the electric distribution system at Hickam Field.

Plans and specifications obtainable from the Constructing Quartermaster, Fort Mason, upon deposit of certified check in the amount of \$10, payable to the Finance Officer, Fort Mason; and from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H.  
Captain J. H. Nurse, Purchasing and Contracting Officer, Hickam Field.

#### Plans Being Figured — To Close To

**MOTOR LABORATORY** Cost, \$.....  
**MARTINEZ,** Contra Costa Co., Calif.  
Pacheco Blvd. and Arriba St.

One-story concrete and frame motor laboratory building (30 x 30 ft.).

Owner—Shell Oil Co.  
Plans by Engineering Department of Owner.

De Luca & Son, Inc., 1745 Filbert St., San Francisco, is figuring plans and desires sub bids on all portions of the work.

#### 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

##### BIDS WANTED

**SAN MATEO,** San Mateo Co., Cal.—Until April 5, 8 P. M., bids will be received by the City Council of the City of San Mateo (E. W. Foster, City Clerk) City Hall, for the construction of conveniences stations in the San Mateo City Park.

Plans and specifications and complete information may be obtained at the office of the City Engineer.

##### BIDS WANTED

**PHOENIX,** Arizona.—Until April 2, bids will be received by the Phoenix city commission for installing an air cooling system and improving the ventilating system in the Phoenix municipal building.

Bids Opened  
**FIRE HOUSE** Cost, \$.....  
**RICHMOND,** Contra Costa Co., Calif.

St. Anita Clara and Huntington Avenues.

One-story frame and plaster fire house (tile and composition roof, cement and linoleum floors).

Owner — City of Richmond (J. A. McVittie, city manager).

Architect—Keith Narbett and Irving Brown, 462 31st St., Richmond.

Plans by firm of Narbett & Brown (I. Brown, Architect), 462 31st St., Richmond.

Low Bidder—David Nordstrom, 4150 Emerald St., Oakland—\$6,530.

Complete bids follow:

David Nordstrom, Oakland.....	\$6,530
John E. Branagh, Piedmont.....	6,870
Chas. M. Norgrove, Berkeley.....	6,875
City of Overland, Richmond.....	6,880
George L. Leiter, Oakland.....	7,367

J. P. Owens, San Pablo.....7459.53  
 Chris L. Theis, Richmond.....7,654  
 Bids have been referred to the Building Committee until next Monday night.

**BIDS OPENED**

**SAN FRANCISCO.**—Bids were opened by the Park Commissioners, B. P. Lamb, Secretary, Park Lodge, Fell and Stanyan Streets, Golden Gate Park, for alterations and additions to Park Lodge, a 2-story and basement L-shaped structure.

Work includes remodeling the attic floor (60x35 ft.) to form offices, and alterations to the first floor, involving glass partitions, plumbing, fixtures, electrical fixtures, tile roofing, dormer windows, linoleum flooring, etc.

**14—RESIDENCES**

**Plans Being Figured — To Close on March 29**

**STORE BLDG.** Cost, \$17,500  
**SAN FRANCISCO.** N. Chestnut St., 88 W. of Scott St.

One-story steel and concrete Class C store building (approx. 53x137 ft.) to be used as a large market; composition roof, modern tile front with chromium trim.  
 Owner—Victor Carrara, 1700 Bay St  
 Architect—H. C. Baumann, 251 Kearny St.

Following have taken out plans:  
 Central California Construction Co., Inc., 115 Burrows St.  
 Mission Concrete Company, 270 Turk St.

Mr. Baumann is now taking general bids and will superintend construction of work.  
 It was previously reported, in error, that Mr. Baumann was taking sub bids.

**Plans Being Figured — To Close April 1, 5 P. M.**

**RESIDENCE** Cost, \$6,000 to \$7,000  
**SAN CARLOS,** San Mateo Co., Calif.  
 Two-story frame residence (seven rooms), hardwood floors, tile baths, gas furnace, etc.

Owner—D. E. Curtoni, care Architect.

Architect—W. I. Garren, 233 Post St., San Francisco.

Following are figuring plans:  
 J. B. Allen, 1315 San Carlos Ave., Santa Clara.  
 Arthur Payne, P.O. Box 295, Redwood City.

J. E. Oswald, 1150 Industrial Ave., Burlingame.  
 G. W. Williams Co., 315 Primrose Road, Burlingame.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$6,000  
**SAN MATEO,** Calif. Lot 7, Blk. 18, Aragon Trl.

One-story frame and stucco residence.

Owner & Builder—Leadley & Leadley, 207 Second St., San Mateo.  
 Architect—E. Musson Sharpe, 111 Sutter St., San Francisco.

**Contract Awarded**  
**STORE BLDG.** Cost, \$12,000  
**FRESNO,** Calif. 921-25 Belmont St. New store building.

Owner—M. Kaehler, Brix Bldg.  
 Architect—Not Given.

Contractor—Harris Construction Co., 577 McKinley Ave., Fresno.

**Plans Being Figured—Bids Close March 31**

**RESIDENCE** Cost, \$5,000  
**STOCKTON,** San Joaquin Co., Cal.  
 One-story duplex residence (two 4-room and bath apartments) wood siding, single roof, hardwood floors, gas floor furnaces, wood saah, etc.

Owner—Withheld.  
 Architect—Joseph Loekhan, 1218 W. Harding St., Stockton.

Bids will be received from a selected list of contractors.

**Contract Awarded**

**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** San Rafael and St. Francis Streets.

Two-story frame and stucco residence; tile and composition roof, gas furnace, tile baths, hardwood floors, etc.

Owner—J. L. Holland, Jr.  
 Architect—Masten & Hurd, 233 Post St.

Contractor—J. Prout, 2530 Fillmore St.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$6,000 each  
**SAN FRANCISCO.** E. Rossi St., N. of Turk St.

Ten one-story and basement frame and stucco residences.

Owner & Builder—Heyman Bros. 742 Market St.  
 Architect—Not Given.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$.....  
**CARMEL,** Monterey Co., Calif.

One-story frame and granite rock residence (6 rooms, 2 baths), heavy shake roof, hardwood floors, central hot air heat, etc.

Owner & Builder—Mr. Braunton.  
 Architect—Guy O. Koepp, P.O. Box 644, Carmel.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$12,000 ea.  
**FRESNO,** Fresno Co., Calif. 2918-2840 Van Ness Boulevard.

Two 2-story frame and stucco residences.

Owner & Builder—Walker & Walker, 437 Cornell Ave., Fresno.  
 Architect—Not Given.

**Sub Contracts Awarded**

**RESIDENCE** Cost, \$16,661  
**MONTREY CO., Calif.** Pajaro District, Struve Ranch.

Two-story frame ranch house.  
 Owner—Nelse H. Struve, Watsonville.

Architect—William W. Wurster, 250 California St., San Francisco.

Contractor—Friend & Resh, 309 Stanford St., Watsonville

Roofing—Central Supply Co., Beach Road.

Plumbing—Martin & Gleason, 20 Tharp St.

Electric Wiring—Just-Rite Electric Co., 311 Van Ness

Sheet Metal—Watsonville Sheet Metal Works, Maple & Union Sts.

Tile Work—Mulr & Hulbert, Santa Cruz.

Hardwood Floors—Finn Hardwood Floor Co., 513 McKenzie St.

Iron Grille Work—Helliwig's Iron Works, 407 Vine St., San Jose.

Brick & Stone Work—Paul Cook, Ht 5, Box 398.

Grading Concrete & Foundations—Granite Construction Co., Ltd., Kearny and Walker Sts.

Lumber—Hammond Lumber Co., Walker & Kearny Sts.

Mill Work—Pacific Mfg Co., Santa Clara.

Hardware—P. J. Freiermuth Co., 247 Main St.

Lathing & Plastering—Watsonville Plastering Co., 131-A Wall St.  
 All of Watsonville, unless otherwise noted.

Owner & Builder—B. Liebman, 3319 Fillmore St.  
 Architect—Not Given.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO.** SE Ulloa St., NE of Laguna Honda St.

Five one-story and basement frame and stucco residences.

Owner & Builder—J. V. Campbell, 649 Laguna Honda St.  
 Architect—Conrad T. Kett, 519 California St.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$15,000  
**OAKLAND,** Alameda Co., Calif. 101 Beechwood Drive.

Two-story frame and stucco residence (9 rooms).

Owner & Builder—A. E. Wieslander, 46 Yosemite Ave., Oakland  
 Architect—Not Given.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$12,000  
**OAKLAND,** Alameda Co., Cal. 5314 Proctor Ave.

Two-story frame and stucco residence (10 rooms)

Owner & Builder—H. P. Drey, 5323 Estater Drive, Oakland.  
 Plans by Arthur W. Colon, 3714 Limwood Ave., Oakland.

**Plans Being Figured — Bids Close March 29, 2 P. M.**

**RESIDENCE** Cost, \$.....  
**ST. JAMES WOOD,** Piedmont, Alameda Co., Calif.

New residence.  
 Owner—Withheld.

Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Following contractors will figure the plans:

Albert A. Haskell, 255 Ridgway Ave., Oakland.

Jensen & Pedersen, 3443 Adelaine St., Oakland.

F. C. Stolte, 1405 San Antonio Ave., Alameda.

S. J. Bertelsen, 30 Estrella Ave., Piedmont.

Carl Walstrom, 1447 Excelsior Ave., Oakland.

David Nordstrom, 4150 Emerald St., Oakland.

**Contract Awarded**

**RESIDENCE** Cost, \$9,000  
**OAKLAND,** Alameda Co., Calif. 6573 Dawva St.

Two-story frame and stucco residence (8 rooms).

Owner—Ralph Ong.  
 Architect—Not Given.

Contractor—H. Nelson, 1039 Cherry Way, Hayward.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$7,000  
**OAKLAND,** Alameda Co., Calif. 881 Portal Ave.

Two-story frame and stucco residence (6 rooms)

Owner & Builder—Paul El Woodburn & Son, 624 Prospect Ave., Oakland  
 Architect—Not Given.

**Contract Awarded**

**RESIDENCE** Cost, \$5,500  
**BERKELEY,** Alameda Co., Cal. 1500 Arch St.

Two-story frame and stucco residence and garage.

Owner—W. H. Marston Co., 2333 Vine St.

Architect—E. T. Spencer, Claus Spreckels Bldg., San Francisco.  
 Contractor—W. M. Livingston & Son, 1152 Euclid Ave.

**Plans Being Figured — To Close Mar. 29, 3 p.m.**

**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO,** Calif. Dorantes Avenue.

Two-story frame, stucco and brick

veneer residence (7 rooms, 2 baths); composition shingle roof, gas heating system, hardwood floors, tile baths, etc.

Owner—D. A. Brung.  
Plans by Paul A. Ryan, 962 Phelan Bldg.

Plans are being figured by the following selected list of contractors:  
Carion Construction Co., 666 Mission St.

Moore & Roberts, 693 Mission St.  
Thomas M. Jones, 612 28th Ave.  
Grant-Martinelli Construction Co., 44 Mary St.  
Miller & McGilla, 4444 Geary Blvd.  
All of San Francisco.

**Plans Being Figured — Bids Close April 1, 2 P. M.**  
HILLSBOROUGH, San Mateo Co., Calif.  
Cost, \$.....

Two-story frame and stucco residence (12 rooms, 6 baths), shingle roof, air conditioning system, hardwood floors, tile baths, etc.  
Owner—M. Irvine, care Architect.  
Architect—Angus McSweeney, 604 Mission St., San Francisco.

Following selected contractors are figuring plans:

G. W. Williams Co., 315 Primrose Road, Burlingame.  
D. B. Gladstone, 557 Market St., San Francisco.  
A. F. Mattock Co., 212 Clara St., San Francisco.  
Jacks & Irvine, 620 Market St., San Francisco.

**Low Bidder**  
RESIDENCE Cost, \$20,000  
SAN FRANCISCO. Sea Cliff.

Two-story and basement frame and stucco residence (11 rooms and 4 baths) tile baths, shingle tile terra cotta roof, hardwood and tile floors.

Owner—Mrs. Sophie Solomon.  
Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.  
Low Bidder—Aetna Const. Co., 1730 24th Ave., San Francisco.

**To Ask Bids Shortly**  
RESIDENCE Cost, \$.....  
BAYWOOD, San Mateo Co., Calif.  
One- or two-story frame and stucco residence (eleven and bedroom) wood or steel sash, terra cotta shingle or pabco roof, hardwood floors, hot air heating system, two tile baths.

Owner—Withheld.  
Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Plans will be figured by only one contractor.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
MODESTO, Stanislaus Co., Calif.

Two-story Monterey style residence (10 rooms, 3 baths) heavy shake roof, hardwood floors, oil burning hot air heating system, steel and wood sash, etc.

Owner—John Beard.  
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contractor—M. O. Ward, Rt. 1, Box 511, Modesto.

**Bids In—Held Under Advertisement**  
STUDIO BLDGS. Cost, \$.....  
SAN FRANCISCO. Lombard Street

off Kearny St.  
One two-story studio building (two studios) and one one-story studio building, each consisting of one large studio, bedroom, kitchen and bath (frame and redwood siding and some exterior plaster, hardwood floors, tile baths, etc.)

Owner—Whitney Warren, Jr.  
Architect—G. A. Dalley, 216 Post St.  
Announcement will be made within a few days.

#### Plans Completed

ALTER APTS. Cost, \$10,000  
SAN FRANCISCO. 1480 Willard St.  
Apt. apartment house.  
Owner—Chas. J. Lamp, 1450 Willard St.  
Architect—Vincent Buckley, 525 Market St. 14

**To Be Done By Day's Work**  
RESIDENCE Cost, \$4,500  
SAN FRANCISCO. W. 18th Ave., 150

N of Ortega St.  
One-story and basement frame and stucco residence.  
Owner & Builder—Louis C. Bettsold, 1059 Geary St.  
Architect—Richard R. Irvine, 2048 Market St.

**Bids Wanted — To Close March 29, 12 Noon**  
RESIDENCE Cost, \$6,500  
BERKELEY, Alameda County, Calif.

One-story frame and wood siding residence (5 rooms), gas fired, hot air heating system, shingle roof, hardwood floors, tile bath, etc.

Owner—Otto Enz, care Architect.  
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.  
Following have taken out plans:  
Vernon Bernard, 227 San Carlos Ave., El Cerrito.  
Leonard & Dorrett, 934 Cornell Avenue, Albany.  
Frank Stead, 3206 Boise Street, Berkeley.

**Contract Awarded**  
RESIDENCES Cost, \$13,279 each  
SAN FRANCISCO. N. Sea View Terrace and 30th Ave.

Two two-story frame and stucco residences.  
Owner—Harry B. Allen, Inc., 154 Sutter St.  
Architect—Farr & Ward, 68 Post St.  
Contractor—William Martin, 666 Mission St.

**Being Done By Day's Work**  
RESIDENCES Cost \$4,500 each  
SAN FRANCISCO. 30th Ave. and Vincent St.

Two one-story frame and stucco residences (5 rooms each), tile and composition roof, hot air heating system, hardwood floors, tile baths, etc.

Owner & Builder—Gordon Morris, 95 Finchurst Way.  
Architect—D. E. Jaekle, 126 Post St.

**Owner Taking Figures**  
RESIDENCE Cost, \$4,500  
BELMONT, San Mateo Co., Calif.

One-story frame residence (6 rooms). Monterey style shake roof, all wood exterior, hardwood floors, tile bath, hot air heating system, etc.  
Owner—Arthur Beard, 251 19th Ave., San Francisco.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.

The owner is now taking general figures.

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
ORINDA, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms, 2 baths), shingle roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.

Owner—Captain Clayburne, care Architect.

Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.  
Contractor—Randolph F. Parks, 624 Euclid Ave., Berkeley.

**Plans Being Completed**  
RESIDENCE Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
Two-story frame residence (6 rooms)

wood shingle roof, wood sash, gas furnace, hardwood and linoleum floors.

Owner—Withheld.  
Architect—Victor Galbraith, 221 East

Acacia St., Stockton.  
Bids will probably be asked March 23 from a selected list of contractors. One week will be allowed for figuring the plans.

**Contract Awarded**  
RESIDENCE Cost, \$4,500  
SAN FRANCISCO. W. Gambier St.,

150 S. Silliman St.  
One-story and basement frame and stucco residence.

Owner—C. A. Welas, 40 Morton St.  
Architect—Chas. F. Strothoff, 2274 15th Street.

Contractor—D. J. Daly, 68 Cavour Street, Daly City.

**Low Bidder**  
ALTER RESIDENCE Cost, \$10,000  
SAN FRANCISCO. Divisadero St.

Alterations and additions to residence (addition of wood panel library, servant's room, terrace and two-car garage).

Owner—Withheld.  
Architect—Leo Sharpa, 1447 Burlingame Ave., Burlingame.  
Low Bidder—A. F. Mattock & Co., 212 Clara St.

## 15—SCHOOLS

### BIDS WANTED

ALBUQUERQUE, N. M. — Until April 7, 4 p.m., bids will be received by the Albuquerque (N. M.) board of education for installing an electric time clock and signal system and alterations and additions to existing heating plants at Albuquerque high school a PWA project. Certified check or bond for 5 per cent must accompany each bid. Bidding data may be obtained from Architect Louis G. Hesselden, Albuquerque, upon deposit of \$10.

**Contract Awarded**  
GYMNASIUM Cost, \$.....  
OAKDALE, Stanislaus Co., Calif.

One-story stucco gymnasium building, shower and locker rooms at the Oakdale Union High School.

Owner—Oakdale Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—Swanson & Hillberg, 301 Cahill St., Turlock—\$10,897.

Contract awarded on the following propositions:

(1) Furnish and build foundation of the gym unit and boys' unit ..... \$2472

(2) Add to Prop. (1) putting up rough frame of gym unit and boys' unit not including roof trusses, roof rafters or any sheathing in connection with same ..... 1462

(3) Add to Prop. (1): all wood roof trusses and rafters over gym unit and boys' unit ..... 2126

(4) Furnish and install all exterior wall sheathing ..... 953

(5) Furnish and install all roof sheathing ..... 987

(6) All exterior window and door frames and wood trim (not including sash and doors) exterior cement and plaster work ..... 2697

### BIDS OPENED

SAN FRANCISCO — Standard Fence Co., 440 Bayshore Blvd., at \$38.55, submitted low bid to the Department of Public Works, Room 251 City Hall, under Spec. No. 5821, for furnishing and installing double gate

at south end of building facing Arguello Blvd., to be chain link fabric (7-ft. wide) at Roosevelt Jr. High School, Arguello and Geary Bldgs.

Only other bid submitted by Anchor Post Fence Co., San Francisco, at \$42.00.

**BIDS OPENED**

**SAN FRANCISCO**—Standard Fence Co., 440 Bayshore Blvd., at \$26.48 submitted only bid to the Department of Public Works, Room 251 City Hall, under Spec. No. 5822, for furnishing and installing one new gate at south side of yard, to be chain link fabric (48x-ft.) at Visitation Ave. and Schwern Street.

**Wrecking Contract Awarded**  
**SCHOOL** Cost, \$.....  
**SAN MATEO**, San Mateo Co., Calif., Peninsula Avenue.

New Peninsula Avenue Elementary School.  
Owner—San Mateo Elementary Sch. District.  
Architect—T. M. Edwards, 9 Geary St., San Francisco.

**Wrecking—Foley & Doetcher, San Mateo—\$1,745.**  
Contract provides that wreckers take all materials.

**Sub Contracts Awarded**  
**ADDITION** Cont. Pr., \$52,362  
**BAKERFIELD**, Kern Co. (Horace Mann School).

Addition of two new classrooms, combination auditorium (to seat 400), lunch room and library, and remodeling of two existing classrooms (reinforced concrete) faced with brick; tile roof, wood ash).

Owner—Bakersfield School District (Florence C. Porter, Secy.).  
Architect—Chas. H. Biggar, 554 Haberfeide Bldg., Bakersfield.

Contractor—Opperman & Co., 1327 Orange Dr., Bakersfield.  
Electric—Sam Fingerhut, 1815 M St., Bakersfield.

Brick—Opperman & Co., 1327 Orange Drive, Bakersfield.  
Glass—W. P. Fuller & Co., 2016 Chester Ave., Bakersfield.

Heating & Sheet Metal—W. M. Fisher, 2602 Chester, Bakersfield.  
Tile—C. L. Zink, Chester Lane, Bakersfield.

Asphalt Tile—McNaul & Baxter, Bakersfield.  
Lino Wall—Minners Furniture, 1028 Baker, Bakersfield.

Paint—Peckham & Foster, 4171 Madison Ave., Culver City.  
Plumbing—Ace Abbott, 910 Monterey St., Bakersfield.

Roofing—H. Evans, 922 Chester Ave., Bakersfield.  
Blackboards—American Seating Co., 207 Van Ness Ave. South, San Francisco.

Plaster—F. E. Davis, 1319 26th St., Bakersfield.  
Floors—O. W. Newman, 1713 Second St., Bakersfield.

**Plans Being Figured — Bids Close**  
**April 2, 7:30 P. M.**  
**ADDITION** Cost, \$.....  
**ROBLA**, Sacramento Co., Calif., Addition to Robla School.

Owner—Robla School District, Chas. J. Lippold, Clerk, Rt. 6, Box 4875, Sacramento.  
Architect—Jens C. Peterson, 812 26th St., Sacramento.

Bids will be taken as follows:  
(1) Reinforcing steel;  
(2) Concrete mix;  
(3) Plumbing supplies and roughing-in material;

(4) Electrical supplies;  
(5) Mill work.  
Plans and specifications obtainable from the office of the architect.

**Preparing Preliminary Plans**  
**GYM & SHOP** Cost, \$3,000  
**DANVILLE**, Contra Costa Co., Calif., Alamo Road.

One-story frame and concrete gymnasium building and one-story frame and concrete shop building, to be constructed at the San Ramon Valley Union High School.

Owner—San Ramon Valley Union High School District.  
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

The San Ramon Valley Union High School District will vote on a proposal to issue bonds in the near future, proceeds to assist in financing construction of gym and shop.

**BONDS VOTED**  
**CORCORAN**, Kings Co., Cal.—Corcoran Union High School District voted bonds in the amount of \$15,070 on March 15, proceeds to finance construction of a boys' locker room, etc. (27x102-ft.) to be erected on the south side of the present gymnasium building at Corcoran High School.

Application has been made for a PWA grant to assist in financing.  
Planned  
**RECONSTRUCT SCHOOL** Cost, \$.....  
**EL CERRITO**, Contra Costa Co. Cal., Stege School.

Reconstruction of the Stege School; raising of present school building, with exception of four classrooms, will be moved and connected to a new school building (mineral shingle roof).

Owner—Richmond Elementary Sch. District (Walter T. Helms, Supt. of Schools).  
Architect—Not Selected.

**BIDS WANTED**  
**LOS ANGELES**, Calif.—Until Apr. 2, 2 p.m., bids will be received by the Los Angeles board of education for strengthening and reconstructing the auditorium portion of the main building at John C. Fremont high school, 7676 S. San Pedro St. Estimated cost, \$72,500. Plans prepared by the architectural department of the board, A. S. Nibecker, Jr., architect.

Award Recommended  
**RECONSTRUCTION** Cost, \$30,000  
**BERKELEY**, Alameda Co., Calif. Structural rehabilitation of Willard Junior High School Auditorium (strengthening roof trusses, installing system to resist lateral forces, acoustical revision, additional fire protection system).

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary) 2325 Milvia Street.  
Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.

Low Bidder—John E. Branagh, 116 Monticello, Piedmont.  
Recommendation has been made to the PWA that contract be awarded the low bidder, John E. Branagh, at \$29,970 less a deduction of \$25 for salvaged materials.

Contract Awarded  
**GYMNASIUM** Contract Price, \$3,213  
**MODESTO**, Stanislaus County, Calif. (Roosevelt School).  
One-story frame and stucco girls' shower and locker room building (50x70-ft.).  
Owner—Modesto City Board of Education (E. D. Abbott, Secy.) 14th and I Sts., Modesto.  
Architect—John J. Donovan, 950 Parker St., Berkeley.  
Contractor—George Roek, 830 North Pacific Avenue, P. O. Box 783, Stockton.  
Complete bids follow:  
George Roek, Stockton 3,213  
L. Uhels, Ripon 3,428

Contract includes all millwork and trim except hardwood floors, door frames, window frames, and trim inside skylights; and for furnishing all Universal awning type window hardware and installing hardware and hang windows; all glazing and glass and mirrors except the skylights; and all finish hardware and metal thresholds.

Contract for reinforced concrete foundations and floors, frame and stucco exterior, composition roofing, awarded recently to George Roek, at \$11,242.

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin County, Calif. Additions and alterations to Emerson School.  
Owner—Lodi Grammar School Dist. Architect—Peter Slat, 2130 N. Commerce St., Stockton.  
Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

**Bids Opened**  
**GYMNASIUM** Cost, \$.....  
**OAKDALE**, Stanislaus Co., Calif. One-story stucco gymnasium building, shower and locker rooms at the Oakdale Union High School.  
Owner—Oakdale Union High School District.  
Architect—H. H. Weeks, 593 Market St., San Francisco.

Bids were taken on the following propositions:  
(1) Furnish and build foundation of the gym unit and boys' unit;  
(2) Add to Prop. (1) putting up rough frame of gym unit and boys' unit not including roof trusses, roof rafters or any sheathing in connection with same;  
(3) Add to Prop. (1): all wood roof trusses and rafters over gym unit and boys' unit;  
(4) Furnish and install all exterior wall sheathing;  
(5) Furnish and install all roof sheathing;  
(6) All exterior window and door frames and wood trim (not including sash and doors) and exterior cement and plaster work;  
(7) All other exterior painting and furnish and install window sash doors and exterior ornamental iron;  
(8) All interior finish in boys' unit;  
(9) Concrete slab in gym unit;  
(10) Laminite floor in gym;  
(11) Maple flooring in gym;  
(12) If steel roof trusses are used instead of wood trusses, add or deduct;  
(13) If all interior sheathing and trim in gym is incorporated in building;  
(14) Gas heat units in boys' unit and gym;  
(15) Installing gym interior;  
(16) Electrical work in gym;  
(17) Concrete, price per cu. ft.

Following are the complete bids:  
Swanson & Hillberg, 301 1/2 Canal St., Turlock; (1) \$2,472; (2) \$1,482; (3) \$2,126; (4) \$953; (5) \$987; (6) \$2,897; (7) \$3,331; (8) \$5,505; (9) \$1,512; (10) \$2,542; (11) \$2,212; (12) add \$100; (13) \$1,130; (14) \$1,239; (15) \$620; (16) \$1,552; (17) \$ 80.  
H. H. Teanyson, Modesto; (1) \$3,263; (2) \$2,746; (3) \$2,230; (4) \$1,198; (5) \$1,172; (6) \$1,809; (7) \$2,338; (8) \$4,776; (9) \$997; (10) \$2,770; (11) \$3,073; (12) add \$220; (13) \$1,233; (14) \$1,248; (15) \$271; (16) \$1,500; (17) \$ 90.  
N. H. Sjoehger & Son, Oakland; (1) \$3,328; (2) \$2,287; (3) \$2,402; (4) \$1,069; (5) \$1,002; (6) \$6,118; (7) \$2,774; (8) \$4,478; (9) \$991; (10) \$2,566; (11) \$3,492; (12) incl. \$56; (13) \$1,233; (14) \$1,275; (15) \$497; (16) \$1,555; (17) \$ 85.  
John E. Branagh, Piedmont; (1) \$3,492; (2) \$2,460; (3) \$2,127; (4) \$1,210; (5) \$1,351; (6) \$6,312; (7) \$2,517; (8) \$1,499; (9) \$1,097; (10) \$766; (11) \$3,009; (12) incl. \$10; (13) \$1,315; (14) \$1,282; (15) \$91; (16) \$1,590;

(17) \$100.  
L. H. Hansen & Son, Fresno: (1) \$4,558; (2) \$2,080; (3) \$2,348; (4) \$1,156; (5) \$1,145; (6) \$4,498; (7) \$3,548 (8) \$5,544; (9) \$1,228; (10) \$2,888; (11) \$3,438; (12) add \$35; (13) \$1,368; (14) \$1,530; (15) \$298; (16) \$1,450; (17) \$8.82.

**Preparing Preliminary Plans**  
**GYMNASIUM** Cost, \$13,000  
**CLEARLAKE, Lake Co., Calif.**  
One-story frame gymnasium to be built at the Clearlake Union High School.

**Owner**—Clearlake Union High School District.  
**Architect**—John Easterly, Healdsburg and Santa Rosa.

**Bids Wanted—To Close April 13, 9:30 P. M.**

**RECONSTRUCTION** Estimated Cost, \$157,500  
**CROCKETT, Contra Costa Co., Calif.**  
Reconstruction of Academic Bldg. at John Swett High School.

**Owner**—Crocker School District.  
**Engineers**—Dewey and Earl, 55 New Montgomery St., San Francisco.  
Plans and specifications may be obtained from the office of the engineers upon deposit of \$25.

Bids will be received at the office of the Clerk of the Board of Trustees, John Swett Union High School, Crockett.

#### BIDS OPENED

**SAN FRANCISCO—Asbestos** Company of California, 1184 Harrison St., at \$60 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 5788, for repairing asbestos covering on steam lines, heater and hot water tanks in engine room at Mission High School, 18th and Dolores Streets.

Complete bids follow:  
Asbestos Co. of California ..... \$60.00  
Plant Rubber Asbestos Co. .... 85.00  
Western Asbestos Company ..... 95.00  
Mundet Corporation ..... 95.00

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
**LODI, San Joaquin County, Calif.**

One-room addn. to Garfield School (brick veneer construction).  
**Owner**—Lodi Grammar School Dist.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

**Preparing Working Drawings**  
**ALTERATIONS** Cost, \$.....  
**LODI, San Joaquin County, Calif.**

Alterations to heating system in Lincoln School.  
**Owner**—Lodi Grammar School Dist.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 15.

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
**LODI, San Joaquin County, Calif.**

One-story frame and stucco unit at Needham School (10 classrooms, library, and shop addition) flat roof.

**Owner**—Lodi Grammar School Dist.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

**Bids Wanted — To Close March 31, 2:30 P. M.**

**ADDITION TO MUSIC BLDG.**  
**GILROY, Santa Clara Co., Calif.**  
Choral Room addition to the Music Building at the Gilroy Union High School.

**Owner**—Gilroy Union High School District.

**Architects**—William H. and Harold H. Weeks, 593 Market St., San Francisco.

Plans and specifications may be obtained only from the Superintendent's Office, Sidney S. Johnson, C.H.K., Board of Trustees, Gilroy Union High School, upon deposit of \$10.

#### 16—BANKS, STORES AND OFFICES

**Plans Being Figured—Bids Close**

April 8.  
**OFFICE BLDG.** Cost, \$.....  
**MODESTO, Stanislaus Co., Calif.**  
One-story reinforced concrete office bldg. (tile roof, concrete floors and walls, Johns-Manville tile floor covering, combined cooling and heating system, etc.)

**Owner**—Stanislaus Mutual Fire Insurance Company.

**Architect**—G. N. Hilburn, 1213 I St., Modesto.

Bids are being taken from a selected list of contractors.

**Plans Being Figured—Bids Close**

March 29, 9 A. M.  
**REMODELING** Cost, \$10,000  
**MODESTO, Stanislaus Co., Calif.**  
Remodel store building (new front, new show windows, etc.)

**Owner**—E. Steinhart, San Francisco.  
**Architect**—G. N. Hilburn, 1213 I St., Modesto.

**Plans Being Figured—Bids Close**

March 29, 10:30 A. M.  
**ALTERATIONS** Cost, \$.....  
**MODESTO, Stanislaus Co., Calif.**  
Remodel 1-story store building (plate glass, new front, marble work).

**Owner**—Pacific States Bldg. & Loan Company.

**Architect**—G. N. Hilburn, 1213 I St., Modesto.

**Bids Opened**

**STORE BLDG.** Cost, \$.....  
**OAKLAND, Alameda Co., Cal.** Piedmont Ave., near 40th St.  
One-story and part basement frame Class B store building.

**Owner**—M. B. Skaggs, Oakland.  
**Architect**—Will G. Corlett, Bank of America Bldg., Oakland.

**Low Bidder**—V. A. Kaufenberg, Box 12, Rio Vista—\$37,490.

Complete bids follow:  
V. A. Kaufenberg, Rio Vista ..... \$37,490  
S. G. Johnson, Oakland ..... 41,055  
J. F. Tulloch, Oakland ..... 41,347  
D. Nordstrom, Oakland ..... 41,500  
W. G. Thornally, Oakland ..... 41,723  
Lindgren & Swinerton, S. F. .... 43,863  
K. E. Parker Co., S. F. .... 44,444  
Dinwiddie Constr. Co., S. F. .... 44,660  
Fred J. Early, S. F. .... 45,590  
J. Q. Rentrow, Oakland ..... 45,955

Bids have been taken under advertisement and announcement will be made shortly.

**Sub Contracts Awarded**

**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO, Scott and Chestnut Streets.**

Alterations and additions to 1-story and basement frame building.

**Owner**—Carl Wunner, care architect.  
**Architect**—George H. Wlemeyer, 605 Market Street.

**Contractor**—Mills Constr. Co., Ruse Building.

**Roofing**—J. W. Bender Roofing & Paving Co., 1999 Bryant St.

**Plumbing & Heating**—Scott Co., Inc., 243 Minna St.

**Electric Wiring**—Decker Electrical Construction Co., 538 Bryant St.

**Sheet Metal**—Morrison & Co., 74-76 Duboce St.

**Glass**—Habenicht & Howlett, 529 Clay St.

**Hardwood Floors**—Regal Floor Co., Ltd., 260 Tehama St.

**Iron Grille Work**—Patterson & Koster Iron Works, Inc., 280 13th St.  
**Brick and Stone Work**—Harry E. Drake, 666 Mission St.

**Lumber**—Beronio Lumber Co., Powell and Beach Sts.

**Mill Work**—Central Mill & Cabinet Co., 1340 Folsom St.

**Painting**—A. A. Zellinsky & Sons, Inc., 911 Folsom St.

All of San Francisco.

#### BIDS WANTED

**LOS ANGELES, Calif.**—S. H. Krees & Co., 114 Fifth Ave., New York City, are taking bids for a new 2-story and basement, steel frame store building (142x34 ft.), to be erected on the southwest corner of Wilshire Blvd. and Detroit St., Los Angeles, to be occupied by the company. Architect Edward E. Sibbert, 114 Fifth Ave., New York City. Bids to be submitted to the southwest corner of New York City before 12 noon, April 22.

**Plans Being Figured — To Close**

April 5, 9 A. M.  
**ALTER ELEVATORS** Cost, \$.....  
**SAN FRANCISCO, Calif.** 201 Sansome St.

Riser elevators in the Royal Insurance Building.

**Owner**—Royal Insurance Co., Ltd.  
**Architect**—Bliss & Falgoutter, Balboa Bldg., San Francisco.

**Dinwiddie Construction Co., 210 Crocker Bldg.**, is figuring plans and desires sub bids on all portions of the work.

**Contract Awarded**

**OFFICE BUILDING** Cost, \$4,000  
**SANTA ROSA, Sonoma Co., Calif.**  
Two-story frame and stucco addition to office building; composition

roof, asphalt tile floors  
**Owner**—Dr. Ray.  
**Architect**—Marj Daniels, 101 Post St., San Francisco.

**Contractor**—Robert J. Whiting, 624 Spencer St., Santa Rosa.

**Bids In—Held Under Advertisment**

**COCKTAIL BAR, ETC.** Cost, \$.....  
**SAN FRANCISCO, Oxford Hotel, Turk and Mason Sts.**  
New cocktail bar and remodeling of

Arnold Haas Coffee Shop.  
**Owner**—Arnold Haas.  
**Architect**—Albert R. Williams, 251 Post St.

**Additional Sub Contracts Awarded**  
**BUILDING** Cost, \$2,000,000  
**SAN FRANCISCO, Tenth and Market Streets.**

Seven-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).

**Owner**—Capital Co., 625 Market St.  
Plans by Construction Department of

**Owner**  
**Structural Engineer**—L. H. Nishkian, 595 Market Street.

**Mechanical Engineer**—Leland & Haley, 58 Sutter Street.

**Contractor**—Cahill Brothers, 208 Sansome Street.

**Title**—Scott Co., Inc., 243 Minna St.  
**Sheet Metal**—Morrison & Co., 74-76 Duboce St.

Complete sub contracts awarded to date published Nov. 23, Jan. 12, Feb. 8, Feb. 11, and Mar. 12.

**Plans Being Figured — Bids Close**

March 24, 2 P. M.  
**STORE BLDG.** Cost, \$.....  
**OAKLAND, Alameda Co., Calif.** Piedmont Ave., near 40th St.

One-story and part basement frame Class B store building.

**Owner**—M. B. Skaggs, Oakland.  
**Architect**—Will G. Corlett, Bank of America Bldg., Oakland.

Plans are being figured by a se-



lected list of contractors.  
 Diviside Construction Company, 210 Crocker Bldg., San Francisco, is figuring plans and desires sub bids on all portions of the work not later than 9 a.m., March 24.

**Plans Completed — Bids Will Be Asked Shortly**  
**STORE BLDG.** Cost, \$17,500  
 SAN FRANCISCO. N. Chestnut St., 88 W. of Scott St.  
 One-story steel and concrete Class C store building (approx. 53x137 ft.) to be used as a large market; composition roof, modernistic front with chromium trim.  
 Owner—Victor Carrara, 1760 Bay St.  
 Architect—H. C. Baumann, 251 Kearny St.  
 Engineer—James M. Smith, 251 Kearny St.  
 Mr. Baumann will take sub bids in the near future and will superintend construction of work.

**Plans Being Completed**  
**REMODELING** Cost, \$10,000  
**MODESTO.** Stanislaus Co., Calif.  
 Remodel store building (new front, new show windows, etc.).  
 Owner—B. Steinhart, Sao Francisco.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.

**Contract Awarded**  
**INDUSTRIAL BLDG.** Cost, \$.....  
 AVON, Contra Costa Co., Calif.  
 One-story concrete and tile industrial building (20x50 ft.).  
 Owner—Associated Oil Company, 79 New Montgomery St., San Francisco.  
 Plans by Engineering Department of Owner.  
 Contractor—H. J. Christensen Co., 1955 Webster St., Oakland.

**Preparing Preliminary Plans**  
**OFFICE BLDG.** Cost, \$5,000  
**LAKEPORT.** Lake Co., Calif.  
 One-story frame office building.  
 Owner—Dr. Hill, care Architect.  
 Architect—John Easterly, Healdsburg and Santa Rosa.

**Bids Opening Extended Until Mar. 23**  
**AIR CONDITIONING SYSTEM** Cost, \$.....  
**FRESNO.** Fresno Co., Calif. Tulare and Fulton Streets  
 Air conditioning system in Bank of America and in main office of Capital Company.  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.  
 Plans and specifications obtainable from the office of the Capital Company in San Francisco.  
 Date of opening bids has been extended from March 18 to March 23.

**Bids In—Under Advertisment**  
**ALTERATIONS** Cost, \$.....  
**OAKLAND.** Alameda Co., Calif. 3301 Foothill Boulevard.  
 Alterations to bank building (Thirty-third Avenue Branch).  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.  
**Reinforcing Steel—McGrath Steel Co.** 354 Hobart St., Oakland.  
 Bids on plumbing, electrical, bank fixtures, and hardware are in and under advisement.

**Bids Posponed Until 5 P. M. Today**  
**COCKTAIL BAR, ETC.** Cost, \$.....  
**SAN FRANCISCO.** Oxford Hotel, Turk and Mason Sts.  
 New cocktail bar and remodeling of Arnold Haas Coffee Shop.  
 Owner—Arnold Haas.  
 Architect—Albert R. Williams, 251 Post Street.  
 It was previously reported in error that these bids were in.

**Bid Opening Date Postponed Until Today, 4:30 P. M.**  
**STORIES & APTS.** Cost, \$7,500  
**MILL VALLEY.** Marin Co., Cal. Locust Avenue.

Two-story frame and stucco store & apartment building (2 store, 2 apts.), tar and gravel roof, wood sash).  
 Owner—C. Gardner.  
 Architect—Walter C. Faich, Heardt Bldg., San Francisco.  
 Following are figuring plans:  
 Melvin H. Klyce, 25 Eugene Street, Mill Valley.  
 Leibert & Trobeck, Albert Building, San Rafael.  
 Vincent Maggio, 452 N. 15th St., San Jose.  
 O. S. Prichard, Sunnyside and Carmelita Sts., Mill Valley.  
 Bids postponed from March 22.

**Contract Awarded**  
**OFFICE BLDG.** Cost, \$18,000  
**SAN FRANCISCO.** E. Fremont, 85 N. Harrison St.  
 Two-story, Class C office building.  
 Owner—G. R. Yates.  
 Engineer—H. A. Emrich, 1280 Indiana St.  
 Contractor—Louis Johnson, 666 Mission St.

**Sub Bids Being Taken — To Close March 29**  
**STORE BLDG.** Cost, \$17,500  
**SAN FRANCISCO.** N. Chestnut St., 88 W. of Scott St.  
 One-story steel and concrete Class C store building (approx. 53x137 ft.) to be used as a large market; composition roof, modernistic front with chromium trim.  
 Owner—Victor Carrara, 1760 Bay St.  
 Architect—H. C. Baumann, 251 Kearny St.  
 Engineer—James M. Smith, 251 Kearny St.  
 Mr. Baumann is now taking sub bids and will superintend construction of work.

**Bids In—Announcement Shortly**  
**COCKTAIL BAR, ETC.** Cost, \$.....  
**SAN FRANCISCO.** Oxford Hotel, Turk and Mason Sts.  
 New cocktail bar and remodeling of Arnold Haas Coffee Shop.  
 Owner—Arnold Haas.  
 Architect—Albert R. Williams, 251 Post St.

**Plans Being Figured — To Close March 30, 2 P. M.**  
**FURNITURE STORE** Cost, \$30,000  
**MARTINEZ.** Contra Costa Co., Calif.  
 New two-story reinforced concrete store building (60x90 ft.); wood joists, steel sash, composition roof.  
 Owner—G. M. Huffman.  
 Architect—A. A. Cantin, 64 Pine St., San Francisco.  
 Plans are being figured by the following selected list of contractors:  
 George Petersen, 1841 Bancroft Ave., San Leandro.  
 A. J. Hopper, 1769 Pleasant Valley Ave., Oakland.  
 E. J. Freethy, 224 16th St., Richmond.  
 John Q. Renfrow, 1154 57th Ave., Oakland.  
 Lewis & Clark, 1002 California Bldg., Oakland.  
 Miller Construction Co., 3917 Mission St., San Francisco.

**17— THEATRES**

**Preparing Working Drawings**  
**ALTERATIONS** Cost, \$15,000  
**PITTSBURG.** Contra Costa Co., Cal  
 Remodeling theatre (re-decorating, plastering, carpentry work, beautifying lobby, new marquee, new tile floors, new men's toilets, new seating, new carpets, new electrical fixtures, etc.).

Owner—California Theatre.  
 Architect—F. Frederic Amades, 414 Dewey Blvd., San Francisco.  
 Bids will be asked shortly.

**Plans Being Figured**  
**THEATRE** Cost, \$.....  
**SHASTER.** Kern Co., Calif.  
 Reinforced brick motion picture theatre (50x150 ft.), steel trusses, seamed metal roof, air washer, concrete floor, etc.  
 Owner—Mr. Frank Panero.  
 Architect—Franklin & Kump, Haebelfield Bldg., Bakersfield.  
 Following contractors are figuring the plans:  
 Graham & Dormandy, Drawer L, Delano.  
 Frank A. Greenough, 130 Lincoln St., Bakersfield.  
 Opperman & Co., 1327 Orange Dr., Bakersfield.  
 Willard K. Michael, 600 Bernard Bakersfield.  
 John N. Harvey, Rt. 2, Box 309-A, Bakersfield.

**19—MISC. CONSTRUCTION**

**CONTRACT AWARDED**  
**BURBANK.** Los Angeles Co., Cal.  
 —Myers Bros, 3407 San Fernando Road, awarded general contract for the erection of a new two-story reinforced concrete laboratory building at 4000 S. Olive St., Burbank, for Warner Bros. Great National Studios.  
 Pacific Electrical & Mechanical Co., Loew's State Bldg., has contract for the electrical work, and Otis Elevator Co., 300 E 8th St., has the contract for the elevator. Contract for the air conditioning has not yet been awarded. Plans prepared by owner's architectural department.

**Sub Contracts Awarded**  
**MORTUARY** Cost, \$11,000  
**SAN JOSE.** Santa Clara Co., Calif. South Second St., near Keyes.  
 One-story stucco mortuary building, patio with fountain, balcony, indirect lighting, air conditioned.  
 Owner—John E. Dowdle  
 Architect—Warren P. Skillings.  
 Contractor—Wm. H. Schwartz, 521 South 8th St., San Jose.  
**Roofing—Farmers Union, 151 W. Santa Clara St.**  
**Plumbing—J. J. Johnson, 1520 Shortridge Ave.**  
**Electric Wiring—Joe Santora, 31 Page St.**  
**Heating—G. E. Blockie & Son, 432 S. Second St.**  
**Sheet Metal—Calif. Sheet Metal, 357 W. Van Cluskey**  
**Iron Grille Work—R. Hellwig's Iron Works, 407 Vine St.**  
**Grading—J. C. Bateman, 201 S. Market St.**  
**Lumber—Chelm Lumber Co., 1400 The Alameda**  
**Mill Work—Pacific Mfg. Co., Santa Clara**  
**Painting—Walter Reed, 465 N. 14th St.**  
**Lathing & Plastering—Joe Piazza, 216 Grand Ave.**  
**Concrete—J. C. Bateman, 201 S. Market St.**  
 All of San Jose, unless otherwise noted

**Bid Opening Date Postponed Until March 29, 11 A. M.**  
**PASSENGER TERMINAL** Cost, \$2,000,000 to \$3,000,000  
**LOS ANGELES.** Calif. Alameda St. bet. Aliso and Macy Streets.  
 Passenger terminal buildings, offices, administrative unit, main concourse, entrance lobby, dining room, kitchen, main waiting room, concrete tower.  
 Owner—Santa Fe, Union Pacific and Southern Pacific Railroads.  
 Plans by Engineering Department of Owner (A. J. Barclay, Construct-

tion Supt., 726 N. Alameda St., Los Angeles.

Separate bids will be taken for the electrical and mechanical work, for which plans have not yet been completed.

#### BIDS WANTED

**SAN FRANCISCO**—Until March 31, 1:45 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, for wrecking and removal of a two-story brick and frame building on Oregon St., at the Embarcadero. Estimated cost, \$500.

Specifications may be obtained from City Engineer John J. Casey, Room 351, City Hall. No deposit required.

#### CONTRACT AWARDED

**ARCADIA**, Los Angeles Co., Calif.—U. S. Forest Service, Phelan Bldg., San Francisco, started work this week on a storage and distributing headquarters for all Southern California National forests, to be located on Santa Anita Ave., north of Colorado Blvd., Arcadia. Materials are being purchased through the San Francisco office and construction will be supervised by Clyde Tieberg. The plant will consist of a steel frame shop, 32x85 feet in area; three wood frame and corrugated iron warehouses, one 48x127 feet and the other two 40x50 feet; living quarters, offices, barracks, etc. Estimated cost, \$100,000.

**Contract Awarded**  
**SWIMMING POOL**, Cost, \$10,500  
**MOUNTAIN VIEW**, Santa Clara Co., Calif.

Reinforced concrete swimming pool (35x75 ft.).

Owner—St. Joseph's College, Mountain View.  
Architect—Blinder & Curtis, 25 West San Carlos, San Jose.  
Contractor—E. Nommensen, 315 S 17th St., San Jose.

#### BIDS WANTED

**ALAMEDA** and Contra Costa Cos., Cal.—Until March 31, 11 A. M., new bids will be received by the Board of Joint Highway District No. 13, Supervisors' Rooms, Hall of Records Oakland, under Schedule "H", for the construction of steel structures for the completion of the Broadway Low Level Tunnel.

The work involves 140,000 lbs. of light structural steel trusses and girders for installation at each end of the tunnel to support the lower system.

Moore Day Dock Co., foot of Adeline St., Oakland, at \$6,165 per lb. total \$22,680, submitted the only bid received at the previous opening.

Plans and specifications obtainable from the office of Wallace B. Boggs, Chief Engineer, 1148 Webster St., Oakland, upon deposit of \$50, of which amount \$40 will be returnable.

#### Plans Being Figured—Bids Close

April 5th, 4 P. M.  
**SWIMMING POOL**, Cost, \$70,000  
**TAFT**, Kern Co., Cal. Lincoln School (Fourth Street).

Concrete tile-lined swimming pool (hydrotherapy pool and frame building).

Owner—Taft School District.  
Architect—Chas. H. Biggar, 554 Harberfeld Bldg., Bakersfield.

**Low Bidder**  
**ADDITION TO MAUSOLEUM**  
**SAN MATEO CO.**, Calif. Holy Cross Cemetery.

Addition to Mausoleum.  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
Architect—Hens A. Minton, Underwood Bldg., San Francisco.

**Low Bidder**—Moore & Roberts, 693

Mission St., San Francisco.  
Bids were opened March 17.

**Site Approved**  
**RADIO STATION**, Cost, \$30,000  
**VISALIA**, Tulare Co., Calif. Tract

of 7 or 8 acres about 1½ miles south of Visalia on Tulare highway (John Michels farm).

Reinforced concrete radio bldg. (52x 52-ft.) studio, auditorium room, lobby admin. office, transmitter room and service room.

Owner—Radio Associates.  
Architect—Hudson Steel, Visalia.  
Contractor—J. Hougham, 513 South Court St., Visalia.

Federal Communications' Commission has approved the site selected and construction will start immediately.

#### BIDS OPENED

**PORTLAND**, Oregon.—Following bids received by the U. S. Engineer Office: First Portland District, 306 Customhouse, Portland, under Bid No. 698-37-343, for drydocking and repairing the U. S. seagoing hopper dredge, "Colonel P. S. Michie":

Lake Union Dry Dock & Machine Works, Seattle.—\$63,206.50; 35 days to complete work; 880 miles from location of dredge to plant of bidder and return.

Commercial Iron Works, Portland.—\$61,175; 30 days; 544 miles.  
Winstow Marine Railway & Shipbuilding Co., Winstow, Wash.—\$68,226.40; 55 days; 882 miles.

Lake Washington Shipyards, Houghton, Wash.—\$70,412.10; 84 days; 892 miles.

Engineer's estimate—\$51,433.  
In canvassing bids, time of completion is rated at \$200 per day; material prices are equated at the rate of \$2.35 per mile.

**Plans Being Figured—Bids Close**  
April 5, 4 P. M.

**NATATORIUM**, Cost, \$75,000  
**TAFT**, Kern Co., Calif. Lincoln School (Fourth Street).

One-story reinforced concrete natatorium (30x200 ft.), 3 swimming pools, physio-therapy, showers, plaster exterior finish, metal lath and plaster interior partitions, concrete and tile floors, low pressure boiler heating system, tile roof, etc.

Owner—Taft School District.  
Architect—Charles H. Biggar, 554 Harberfeld Bldg., Bakersfield.

**Bond Election Planned**  
**SWIMMING POOL**, Cost, \$60,000  
**MARYMEZ**, Contra Costa Co., Calif.

Outdoor swimming pool (120x75 ft., divided by concrete walls into 3 sections: wading area, 30x75 ft.; main swimming area, 60x75 ft.; diving area, 30x75 ft., 14 inches deep), U-shaped building surrounding three sides of pool housing private dressing rooms and locker rooms; promenade around pool and on building roof.

Owner—City of Martinez (O. K. Smith, City Engineer).

Architect & Engineer—Not selected.  
Preliminary plans have been prepared by City Engineer Smith and include the following estimates: Buildings and dressing rooms, \$12,700; sub-foundation, \$1,920; fill, of 5,000 c.y., \$3,750; tank, requiring 622 c.y. concrete and 75,000 lbs. steel, \$10,125; sidewalks, 5,184 sq. ft., \$1,140; other plant and circulating pipe, \$10,000; etc.

A date for holding a bond election to raise sufficient funds to finance construction will probably be set at the council meeting April 7.

## 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**DENVER**, Colo.—Gladding, McBean & Co., Los Angeles, awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing vitrified clay sewer pipe as follows: Item No. 1, \$27,337.50; item No. 2, \$23,311.03; item No. 3, \$854; item No. 4, \$16,994.13. The bids were opened Jan. 22. Pro. No. 42,177-A.

#### CONTRACT AWARDED

**OWYHEE PROJECT**, Oregon.—Oregon Portland Cement Co., Portland, awarded contract by the Bureau of Reclamation, Denver, at \$58,425, for the delivery of 25,000 bbls. cement for use in the construction of the Owyhee project. Bids were opened at Denver Feb. 23.

#### CONTRACTS AWARDED

**SAN BERNARDINO**—Contracts for furnishing materials for the 8,000,000-gallon reservoir to be erected north of 42nd St. and Electric Ave., were awarded by the San Bernardino Water & Power Commission as follows:

Building Materials, Inc.—74 tons reinforcing steel at \$422.44.

Patten-Biann Lumber Co.—750 squares corrugated galvanized roofing at \$438.17.

Lumber (138,219 ft.) was purchased from the following: Patten-Biann Lumber Co., \$438.27; Hammond Lumber Co., \$1490.34; Adams Lumber Co., \$2791.20; and Suverkrup Lumber Co., \$2791.20.

#### CONTRACTS AWARDED

**WASHINGTON, D. C.**—The United States Navy Department has announced that contracts for 100,000 lbs. steel have been awarded as follows:

Carnegie-Illinois Steel Corp., 1,801,000 lbs.

Jones & Laughlin Co., 2,385,000 lbs.

Lakens Steel Corp., 2,165,000 lbs.

Jos. P. Cattie & Bros., 472,000 lbs.

Enterprise Galvanizing Co., 180,000 lbs.

#### BIDS OPENED

**OAKLAND**, Alameda Co., Calif.—Cleon Steel Products Co., 1210 63rd St., Oakland, at \$695.25, submitted the only bid received by the Oakland City Council for furnishing steel window frames for the Auditorium annex (Exposition Bldg.).

#### BIDS OPENED

**SAN FRANCISCO**—General Welding Co., 951 Folsom St., San Francisco, at \$482, submitted low bid to H. P. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-211, for burning and welding repairs to floating plant involving portable electric welding apparatus, acetylene burning apparatus, etc.

Complete bids follow:  
General Welding Co.—\$482.

W. E. Thomas Welding Co., Oakland—\$497.

Cassidy & Gratta, San Francisco—\$499.05.

Brown Bros. Welding Co., San Francisco—\$560.85.

Acme Welding Co., San Francisco—\$623.23.

General Engineering & Drydock Co., San Francisco—\$920.20.

East Bay Welders, Oakland—\$966.85.

#### CONTRACTS AWARDED

**LOS ANGELES**—Contracts for furnishing transformers under Spec. No. 2211 were awarded by the Los Angeles Water & Power Commission, as follows:  
Los Angeles Electric Co., Item No. 1—\$225,84; Allis-Chalmers Mfg. Co.,

item No. 2, \$2,000; Standard Transformer Co., items 3, 4 and 5 at \$1,860.

**BIDS OPENED**

**LOS ANGELES.**—Bids for furnishing 6 all insulated outdoor type transformers, under Spec. No. 2322, were opened by D. P. Nicklin, purchasing agent of the L. A. Water and Power Bureau. The bids were (price each): Westinghouse Electric & Mfg. Co.—\$2,393.

General Electric Co.—\$2,629.  
Allis-Chalmers Mfg. Co.—\$2,970.

**PURCHASE AUTHORIZED**

**BURBANK, Los Angeles Co., Calif.**—City Manager H. I. Stites has been authorized by the Burbank city council to purchase in the open market structural steel for sub-station racks. The bid of the Pacific Iron & Steel Co., opened March 9, was rejected as too high. The price was \$14,931 erected.

**BIDS OPENED**

**OAKLAND, Calif.**—Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 854, for furnishing 63,000 lb. Oregon pine lumber, job Corporation Yard, 22nd and Adeline Sts.:  
Eureka Mill & Lumber Co. ....\$2,824.29  
Oakland Lumber Co. ....2,878.32  
Zenith Mill & Lumber Co. ....2,916.57  
Tilden Lumber & Mill Co. ....2,916.57  
Bay Lumber Co. ....2,916.57  
Loop Lumber & Mill Co. ....2,916.57  
Melrose Lumber & Supply Co. 2,916.60  
E. K. Wood Lumber Co. ....3,010.69  
Hogan Lumber Co. ....3,010.69  
Smith Lumber Co. ....3,198.82  
Sunset Lumber Co. ....\$32.50 per M.  
All of Oakland.

**BIDS OPENED**

**OAKLAND, Calif.**—Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at \$4,479 submitted the only bid received by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 192 for furnishing 6,000 lb. asbestos cement water pipe, Class 150 (2,000 ft. each of 4- 6- and 8-in. dia.)

**CONTRACT AWARDED**

**LODI, San Joaquin Co., Calif.**—Lodi Plumbing & Heating Co., 119 North Sacramento, Lodi, at \$533.82, awarded contract by the Lodi City Council, J. F. Blakely, City Clerk, for furnishing plumbing fixtures and fittings as follows, for the City Park: 8 wall closets; 8 closet seats; 4 junor syphon jet closet bowls; 4 whale-boneite seats; 2 vitreous china syphon jet wall urinals; 4 enameled iron lavatories, and one supply pipe; and "Re-Nu-Self" closing basin faucets.

**BIDS OPENED**

**SAN FRANCISCO.**—Bids for furnishing (1) two tons of No. 12 H. D. copper wire triple wrapped, job 264 Golden Gate Ave., and (2) 2,000 lb. No. 12 lead-covered duplex, job 264 Golden Gate Ave., were opened by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1753.

Complete bids follow:  
Gray Electric Supply Co.: (1) \$26.30; (2) \$63.27.

John A. Roebing Sons Co.: (1) \$26.30; (2) \$70.70.

Maxwell & Hartzell Inc.: (1) \$26.80; (2) \$63.27.

Identical bids at (1) \$26.80 and (2) \$70.70 submitted by: Graybar Elec. Co., General Electric Supply Co., Electric Co., General Cable Corp., Westinghouse Electric Co., and California Electric Supply Company.

All bidders offer discount of 1/2% 10 days on item (1) and of 2%, 10th proc. on item (2).

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Wallace & Tiernan Sales Corp., 171 Second St., San Francisco, at \$1,528 submitted the only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1742, for furnishing automatic chlorinating equipment f.o.b. Chinese Camp, for the Moccasin Diversion works of the Hetch Hetchy Project.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1740, for furnishing approximately 30,300 lbs. of reinforcing steel for Gallitos High School Underpass (WPA project):

Identical bids at \$3,754 per 100 lbs., total, \$1,180.01 submitted by W. S. Wetenhall Co., W. C. Hauck & Co., Soule Co., and Gunn Carle & Co., Bethlehem Steel Co., \$3.80 per 100 lbs.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Soule Steel Co., 1750 Army St., San Francisco, at \$3.77 per 100 lbs., total, \$17,302.12 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1754, for furnishing approximately 446,000 lbs. reinforcing steel for Lyon St. Approach to Golden Gate Bridge.

All others bids received were identical at \$3.80 per 100 lbs., total, \$17,439.94, and were submitted by W. S. Wetenhall, Bethlehem Steel Co., and W. C. Hauck & Co.

**CONTRACTS AWARDED**

**LOS ANGELES.**—Contracts for furnishing gate valves were awarded by the Los Angeles Water & Power Commission, as follows:

Rich Mfg. Co., Los Angeles, at \$3-366, for gate valves under Spec. X-95 (complete bids published Mar. 17).  
Chapman Valve Mfg. Co., Los Angeles, at \$4,953.45, for gate valves under Spec. No. X-96 (complete bids published March 17).

**CONTRACTS AWARDED**

**LOS ANGELES.**—Kelman Electric & Mfg. Co., Los Angeles, awarded contracts by the Los Angeles Water & Power Commission, at \$77,374, for furnishing oil circuit breakers under Spec. 2207, and at \$233,608 for oil circuit breakers under Spec. 2205.

**BIDS OPENED**

**SAN FRANCISCO.**—B. E. Guglielmo, 152 9th St., at \$337.50 submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-210, for furnishing one searchlight, distant mechanical control type, 18-in., job Pier 27, S. F. Waterfront.  
Sperry Gyroscope Co. at \$340, submitted the only other bid.

**BIDS OPENED**

**SAN FRANCISCO.**—Bids for furnishing two 36- and two 12-in. manually operated gate valves were opened by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1737.

Bids were taken as follows:

- (1) two 42-in. dia. double disc, bottom wedge, O.S.&Y. flanged end, manually operated gate valves for 75 lbs. unbalanced cold water working pressure and 150 lbs. test, complete with wheel operated gearing;
- (2) two 36-in. dia., non-rising stem, flanged end, bronze mounted, double disc, bottom wedge, parallel seat, gate valves for 75 lbs. per sq. in. unbalanced cold water working pressure and 150 lbs. test, complete with spur gears, pinion and stem operating nuts;

(AB) Items 1 and 2 combined.

Complete bids follow:  
Ludlow Valve Mfg. Co.: (1) \$1,957 each, total \$3,914; (2) \$865 each, total \$1,730; discount, 2% 20 days; (A) B: \$5,644.  
Chapman Valve Mfg. Co.: (1) \$1-146 each, total, \$3,230; discount 2% 20 days; (2) \$765 each, total, \$1,530. (AB) \$4,516.

Iowa Valve Co.: (2) \$700 each, total \$1,400 net.

Mueller Co.: (1) \$1,185 each, total \$2,370; (2) \$937 each, total, \$1,874; (AB) \$3,678.

**34— PARKS AND PLAY GROUNDS**

**LOW BIDDER**

**UKIAH, Mendocino Co., Calif.**—City Wide Lawn Service Co., Ingleswood, Calif., at \$457, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds of the U. S. Post Office at Ukiah.

**BIDS OPENED**

**SACRAMENTO, Cal.**—Anchor Post Fence Co., 460 Fifth St., San Francisco, at \$478.55 submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, for furnishing and installing 520 lf. of 6-ft. chain link fence around children's playground area in McKinley Park.

Complete bids follow:  
Anchor Post Fence Co., S. F. \$478.55  
Standard Fence Co., Oakland 555.00  
Kamian Fence Co., S. F. .... 595.00  
Wickwire Spencer Steel Co., San Francisco .... 590.00

**BIDS REJECTED**

**SALINAS, Monterey Co., Calif.**—All bids were rejected by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Salinas.

Drawings will be revised and re-advertised.

At previous bid opening, Harriet Hodgson, Salinas, at \$2,670, submitted low bid.

**BIDS REJECTED**

**ROSEVILLE, Placer Co., Calif.**—The Procurement Division, Washington, D. C., rejected all bids for seeding and planting the grounds of the U. S. Post Office at Roseville. Bids will be re-advertised after lawn sprinkler system has been installed. R. C. Belsby, Sacramento, at \$938, submitted low bid.

**BIDS OPENED**

**SAN FRANCISCO.**—Pacific Nurseries, Colma, at \$2,389, submitted low bid to the Department of Public Works, Room 251, City Hall, for planting at George Washington High School, Geary, Bathon, 30th and 32nd Aves. Estimated cost, \$2,100.

Complete bids follow:  
Pacific Nurseries \$2,399  
Walter A Hoff Landscaping Co. 3,497  
California Nursery Co. 4,809

**BIDS REJECTED**

**SAN FRANCISCO.**—The only bid submitted, that of Walter A. Hoff, 580 Market St., at \$560, for planting at Francis Scott School at Kirkham St. and 43rd Ave., was rejected by the Department of Public Works, City Hall.

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States

—In—  
"Daily Pacific Builder"

# ENGINEERING NEWS

## NEWSINDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipm't	
29.—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

**TUOLUMNE CO., Calif.**—Until March 30, 2:30 p. m., previously reported, bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for constructing the South Fork to the Stoumme River Bridge and approaches on Section A1 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne County.

The principal items of work involved are:

- (1) 1,471 c.y. unclass. excav.;
- (2) 3,850 sta. yds. overhaul;
- (3) 280 c.y. unclass. excav. for struc.;
- (4) 590 c.y. masonry;
- (5) 84 c.y. concrete;
- (6) 15,500 lbs. reinforcing steel;
- (7) 69,600 lbs. structural steel;
- (8) 244 Lf. timber handrail.

Plans and specifications obtainable from the above office upon deposit of \$10.

### COMPLETE BID LISTING

**SAN LUIS OBISPO CO., Calif.**—Earl W. Heple, 494 Delmas Ave., San Jose, at \$7,186.06, as previously reported, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for widening a bridge across Santa Margarita Creek, about 13 miles north of San Luis Obispo.

- The work involves:
- (1) One existing bridge to be removed;
  - (2) 160 c.y. structure excavation;
  - (3) 12,900 lbs. bar reinf. steel;
  - (4) 110 c.y. Class A portland cement concrete;
  - (5) 20,000 lbs. new structural steel;
  - (6) 16,000 lbs. refabricated structural steel;
  - (7) 219 lf. permanent railing;
  - (8) 170 lf. temporary timber railing.

Total bids follow:

(A) Earl W. Heple, San Jose	\$7,186.06
(B) F. O. Bonnett, San Jose	8,600.00
(C) Theo. M. Maino, San Luis Obispo	9,660.00
(D) Robert D. Paterson, Santa Barbara	10,685.00

Unit bids follow:

(A)	(B)	(C)	(D)
(1)	\$450.55	\$560.00	\$1,150.00
(2)	1.92	2.50	5.00
(3)	.0672	.08	.065
(4)	28.00	25.00	25.50
(5)	.09	.10	.12
(6)	.0236	.05	.06
(7)	1.35	2.00	1.80
(8)	.50	1.00	1.10

### BIDS WANTED

**HUMBOLDT COUNTY, Cal.**—Until April 13, 2 P. M., as previously reported, bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Courthouse,

Eureka, for the construction of 3 bridges and fills across Redwood Creek on the Redway-Briceland Rd. in District No. 2.

The structures will be approximately 60 ft. long and 18 ft. wide.

Plans and specifications obtainable from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

### BIDS WANTED

**MOHAVE COUNTY, Ariz.**—Until April 2, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction of three timber bridges on the Kingman - Boulder Dam Highway, NRH 123, AFE 9301.

The work, which is at 3 bridge sites located within a distance of about two miles, the center of which is about 15 miles northwest of Kingman, consists of the construction of three timber bridges and is to be completed on or before Aug. 15, 1937.

The items and approximate quantities are:

- 1,000 c.y. structural excavation;
- 53 c.y. Class B concrete;
- 121 MBM treated timber;
- 7 MBM untreated timber;
- 1,355 lf. treated timber piles (furnishing and delivering);
- 126 each placing piles in framed bents;
- 8 each water barrels;
- 834 sq. yds. furnishing and placing oil mix (CIP except road oil);
- 1,335 gals. SC-2 road oil.

ALT. ITEM: 134 MBM of redwood timber.

Plans and specifications obtainable from the office of T. S. O'Connell, state highway engineer.

### CONTRACT AWARDED

**SAN LUIS OBISPO, Cal.**—Earl E. Heple, 494 Delmas Ave., San Jose, at \$7,186.06 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for widening a bridge across Santa Margarita Creek about 13 miles north of San Luis Obispo.

### CONTRACT AWARDED

**BAKERSFIELD, Kern Co., Calif.**—Stroud-Seabrook, Box 87, Bakersfield, awarded contract by the city council at \$804.75 for constructing a concrete irrigation siphon under T St., near 8th St.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**SAN DIEGO.**—Until April 1, 11 a. m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broad-

way, San Diego, under Spec. No. 8441, for the removal of an existing guide pile at the provision and driving of a new crosstied pile, and the framing of timbers required for the mooring of an existing float, at the Naval Operating Base (Supply Depot Pier), San Diego.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

### CONTRACT AWARDED

**RICHMOND, Contra. Costa Co., Cal.**—San Francisco Bridge Co., 503 Market St., San Francisco, at \$0.15 per c.y., total \$18,525, awarded contract by the Richmond City Council, A. F. Faris, City Clerk, for dredging a turning basin in front of Municipal Wharf No. 1 in Richmond Outer Harbor, involving 123,500 c.y. of material. E. A. Hoffman, City Engineer.

### FUNDS ALLOTTED

**LOS ANGELES.**—The Works Progress Administration has announced that funds totaling \$800,000 for additional work on Ballona Creek flood control project have been allotted. Construction will be done by the War Department, Major Theodore Wyman, Jr., District Engineer, and will be a continuation of work now under way.

### BIDS OPENED

**MARIN COUNTY, Calif.**—Duncanson - Harrelson Co., 1404 deYoung Bldg., at \$219 submitted low bid to the District House Service, Custom House, San Francisco, for driving piling in San Rafael Creek.

Complete bids follow:  
Duncanson-Harrelson Co., S. F.: \$219.00.  
Frank Legg, S. F.: \$235.00.  
M. B. McGowan, Inc., S. F.: \$239.  
A. W. Kitchen Co., S. F.: \$248.00.  
Healy-Tibbitts Const. Co., S. F.: \$248.00.

## 23— CANALS

### BIDS WANTED

**SACRAMENTO.**—Until April 14, 3 n. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-168, for raising and strengthening existing levee, and constructing new levee, along the northerly side of Bear River from Feather River to the Sacramento Northern Railroad Bridge, and on the south side near the mouth of the Bear River. The total volume of earth to be placed in embankment and length of levees involved follows:

- (a) North Levee—402,000 c.y., 3 mi. long;
- (b) South Levee—102,000 c.y., 03 mi. long.

The work involves:

- (1) 504,000 c.y. levee embankment, in place;
- (2) 75 c.y. road gravel, in place;
- (3) 6 c.y. Class A concrete, in place;
- (4) 315 lbs. reinforcing steel;
- (5) 420 ft. corrugated iron pipe, 48-in. diam. No. 8 gage, with necessary 48-in. diam. No. 10 gage hand couplers and ½-in. bolts, in place;
- (6) 62 ft. corrugated iron pipe, 24-in. diam. No. 12 gage, with necessary 24-in. diam. No. 12 gage hand couplers and ½-in. bolts, in place;
- (7) 8 gage, corrugated iron cut-off sheet, 73½-in. by 70-in., to fit 48-in. diam. corrugated iron pipe, all in place;

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento - California

- (8) 3 each, automatic drainage gates, 48-in. diam. Calco No. 100, or equal, in place;  
 (9) 1,100 sq. yds. concrete highway surfacing, remove and waste;  
 (10) 1,000 tons Oroville cobbles, in place.
- Plans and specifications obtainable from the above office.

**BIDS OPENED**

**BOISE PROJECT, Idaho.**—J. A. Terteling & Sons, Box 1406, Boise, Idaho, at \$184,007, as previously reported, submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Boise, under Spec. No. 721, for the construction of earthwork, canal lining, and structures, Black Canyon Canal, Station 782 plus 80 to Station 1250 plus 00, Payette Division, Boise Project.

The work is located near Emmett, Idaho, and the principal items of work involved are:

- (1) 1,855,000 c.y. of all classes of excavation for canal;
- (2) 76,500 c.y. of excav. for core banks;
- (3) 10,400 c.y. of excav. for drainage channels and dikes;
- (4) 100,000 sta. c.y. of overhaul;
- (5) 13,470 c.y. of excav. for struts;
- (6) 14,300 c.y. of backfill;
- (7) 7,000 c.y. of compacting canal embankments;
- (8) 16,500 sq. yds. of trimming canal section for concrete lining;
- (9) 59,000 c.y. of earth lining of canal;
- (10) 1,250 c.y. of gravel blanket on slopes of canal;
- (11) 1,155 c.y. of concrete in struts;
- (12) 2,185 c.y. of concrete in canal lining;
- (13) 945 cu. yds. of drydock paving;
- (14) Placing 300,000 lbs. of reinforcement bars;
- (15) Erecting 111,000 lbs. of structural steel in bridges;
- (16) Erecting 38 M. ft.b.m. of timber in bridges;
- (17) Laying 704 lf. of 15-in. and 18-in. diam. concrete pipe; and
- (18) Installing 4,100 lbs. of gates.

Work shall be commenced within 30 calendar days and completed within 360 calendar days from date of receipt of notice to proceed.

Complete total bids follow:  
 J. A. Terteling & Sons, Boise—\$184,007.

Morrison-Knudsen Co., Inc., Boise—\$210,465.70; with stipulations, \$195,567.70.

Haas, Doughty & Jones and Marshall & Stacy, San Francisco—\$233,483.41; with stipulations, \$200,144.07.

George B. Henly Constr. Co., Ontario, Oregon—\$237,456.50; with stipulations, \$273,074.97.

Macco Constr. Co., Clearwater—\$244,358.60.

J. P. Emanuel & C. F. Robbins, Ventura—\$249,462.50.

P. L. Crooks & Son, Inc., Portland—\$249,627; with stipulations, \$246,627. Consolidated Highway Co., Inc., Portland—\$255,491.80.

H. J. Adler Constr. Co., Caldwell, Idaho—\$279,912.50; with stipulations, \$275,713.81.

Utah Constr. Co., Ogden—\$291,922.50.

Lease & Leigland, Great Falls, Mont.—\$298,050.00.

Guthrie-McDonnell Co., Portland—\$351,259.40.

Sam Orino and Carl Nyberg, Spokane—\$361,494.

Lundin Bros., Mankato, Minn.—\$363,693.50.

Peterson Constr. Co., Minneapolis—Schedules 1, 2 and 3, only, \$201,806.

Ralph Davis, St. John, Wash.—Schedules 2, only, \$58,267.

**BIDS OPENED**

**RIVERSIDE CO., Calif.**—Hoagland Engineering and Construction Company, 502-04 First National Bank

Bldg., Long Beach, submitted low bid to Metropolitan Water District, for the construction of the Coxcomb Wasteway in accordance with Spec. No. 197. The site of the work is on the line of the Colorado River Aqueduct, in Riverside County, about 14 miles northeast of Desert Center. The work to be contracted for comprises the construction of a reinforced concrete wasteway approximately 200 ft. in length, together with transition sections, the installation of steel radial gates and the backfilling of adjacent modified conduit.

The items are:

- (1) 150 cu. yds. excavation.
- (2) 5,500 cu. yds. uncompacted backfill.
- (3) 250 cu. yds. compacted backfill.
- (4) 380 cu. yds. reinforced concrete.
- (5) 37,000 lbs. placing reinforced concrete.
- (6) 30,100 lbs. installing gates, hoists, wall plates and miscellaneous metal work.
- (7) 900 lbs. installing handrailings.
- (8) 1,100 ton-miles hauling steel.
- (9) 3,500 ton-miles hauling cement.

The total bids were:

(A) Hoagland Engineering and Construction Co., \$17,594.00.

(B) R. H. Travers, Los Angeles, \$18,450.00.

(C) J. R. Lippincott, Los Angeles, \$20,005.00.

(D) Bennett and Taylor, Los Angeles, \$20,964.00.

(E) Case Construction Co., Inc., Alhambra, \$21,825.00.

	(A)	(B)	(C)	(D)	(E)
(1)	\$10.00	\$8.00	\$12.50	\$5.00	\$6.00
(2)	.40	.60	.50	.55	.50
(3)	.80	2.00	1.00	2.00	1.50
(4)	28.00	28.00	32.00	30.00	39.00
(5)	.02	.02	.02	.04	.025
(6)	.06	.05	.05	1.0	.05
(7)	.08	.10	.10	.15	.10
(8)	.11	.10	.10	.15	.10
(9)	.09	.10	.15	.15	.10

**CONTRACT AWARDED**

**CONTRA COSTA CO., Cal.**—Haas-Doughty & Jones and Marshall and Stacy, 1104 Merchants Exch. Bldg., San Francisco, at \$102,616 awarded contract by the Bureau of Reclamation, Walker R. Young, Construction Engineer, Sacramento, under Spec. No. 719 for the construction of earthwork and structures, Station 2 to Station 208 plus 50, Contra Costa Canal, Contra Costa Division, Central Valley Water Project.

The work comprises construction of about 39 miles of open canal and is located near Oakley. The complete canal will be about 40 miles in length and will have a capacity of 275 second-feet.

Complete bids published March 2.

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL.**—Pleasant - Hasler Constr. Co., 324 Luhrs Building, Phoenix, at \$410,896.50 on Schedules 1 and 2, and Frank J. Kernan and John Klug, North Portland, Oregon, at \$398,934.20 on Schedules 3 and 4, awarded contracts by the Bureau of Reclamation, R. B. Williams, Construction Engineer at Yuma, under Spec. No. 708, for the construction of drops and power plant sub-structures at Drops Nos. 2, 3, 4, and 5, All-American Canal System, near Yuma and Calexico.

Complete total bids were published February 18.

**25—MACHINERY AND EQUIPMENT****BIDS OPENED**

**FORT MASON.**—Following bids received by the Contracting Quartermaster, Fort Mason, under Bid No. W 6616-37-77, for the rental of one

gasoline or diesel tractor, 50 to 60-hp., with bulldozer, for from 30 to 60 working days, Fort Baker:

Eaton & Smith, S. F.—\$5.20 per hr.  
 Devincenzi Bros. & Co., S. F.—\$45.20.  
 Chas. L. Harney, S. F.—\$5.40.

A. Soda & Son, Oakland—\$5.40.  
 Rock & Gravel Trucking Co., Oakland—\$5.45.

W. E. Karstedt, San Jose—\$5.50.  
 Ariss-Knapp Co., Oakland—\$5.625.  
 R. A. Farish, S. F.—\$6.

J. H. Pomeroy & Co., S. F.—\$7.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3547, for the rental of one tractor, equipped with 8 cu. carryall scraper and bulldozer, for use on WPA projects, low west end of Durham Ferry Bridge, near San Joaquin City:

Albert H. Tangemano ..... per hr.  
 C. A. Baker, North Sacramento, 6.50  
 F. R. Marshall, ..... 7.00

L. C. Karstedt, Watsonville, ..... 7.40  
 Eaton and Smith ..... 8.20  
 Guerin Brothers ..... 8.75

Paul Feilich ..... 9.00  
 discount, 3% 20 days; 2% 30 days.

All bids net unless otherwise noted.

**BIDS OPENED**

**SAN FRANCISCO.**—Sam Bates Co., 1925 Dennison St., Oakland, at \$144 per month, net, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3544, for the rental of one hoist, double drum, with niggerheads, 4½-in. bore by 5½-in. stroke, 35-h.p. power unit, for use on WPA project, Job Aquatic Park, Larkin and Beach Sts., San Francisco.

San Francisco Grading Co., at \$395 per month, discount 2% 20 days, submitted the only other bid.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3539, for rental of one 10-ton, 3-wheel power roller for use on WPA projects; Job O'Shaughnessy Blvd. and Teresta St., San Francisco:

Fay Improvement Company ..... per hour  
 \$3.38  
 Les J. Immel, Berkeley ..... 3.48

Eaton & Smith, S. F. .... 3.69  
 Guerin Bros., S. F. .... 3.75

Sam Bates Co., Oakland ..... 4.40  
 Chas. L. Harney, S. F. .... 4.74

All bids net

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-199, for overhauling, repairing, renewing defective parts and putting in first class operating condition one armature for the 150-kw. auxiliary generators for the Diesel electric seagoing hopper dredge "A Mackenzie":

Westinghouse Electric & Mfg. Co., 4150, completion in 28 days.

General Electric Co., \$545, completion in 10 days.

**BIDS OPENED**

**SALT RIVER** and Parker Dam Projects—Bids for furnishing regulating gates for spillways at Bartlett, Mormon Flat, and Parker Dams were opened by the Bureau of Reclamation, Denver, under Spec. No. 722.

Bids were taken as follows:  
 (1) Three 50x50-ft. regulating gates for Bartlett Dam;

(2) Two 60x50-ft. regulating gates for Mormon Flat Dam;

- (3) Five 50x50-ft. do for Parker Dam  
 (4) Frames and metal work for 3 50x50-ft. gates at Bartlett Dam;  
 (5) Frames and metal work for two 50x50-ft. gates at Mormon Flat Dam;  
 (6) Frames and metal work for five 50x50-ft. gates at Parker Dam.

**Complete bids follow:**

Omaha Steel Works, Omaha: (1) \$178,000; (4) \$62,000; (1 and 2) \$281,000; fob Phoenix. (2) \$130,000; (5) \$47,000; (4 and 5) \$103,000; fob Mesa, Ariz. (3) \$281,000; (4) \$103,000; (all) \$762,700; fob Earr, Calif. Terms, net.

Consolidated Steel Corp., Ltd., Los Angeles: (1) \$188,250; (2) \$129,000; (3) \$262,000; (4) no bid; (5) no bid; (6) \$88,250; (1 and 6) \$349,000; fob Los Angeles; net.

Lakeside Bridge & Steel Co., Milwaukee: (1) \$133,000; (4) \$43,149; fob Phoenix. (2) \$90,620; (5) \$31,516; fob Mesa. (3) \$222,982; (6) \$68,639; fob Earr. Discount 1/2%.

Koppers Co. (Bartlett Hayward Division) Baltimore: (1) \$164,000; (4) \$59,500; (1, 2 and 3) \$460,800; fob Phoenix. (2) \$119,800; (5) \$40,300; (4, 5 and 6) \$196,800; fob Mesa. (3) \$254,600; (6) \$96,600 (all) \$626,880; fob Earr. Discount, 1/2%.

Dravo Corp., Pittsburgh: (1) \$134,100; (2) \$85,000; (3) \$203,400; (4) \$38,480; (5) \$26,840; (6) \$60,290; (1 and 2) \$214,900; (3 and 4) \$413,500; (4 and 5) \$64,900; (4, 5 and 6) \$124,750; fob Neville Island, Pa.; net.

Hunter Steel Co., Pittsburgh: (1) \$139,840; (2) \$97,440; (3) \$237,400; (4) \$53,400; (5) \$39,400; (6) \$82,400; fob Neville Island; net.

American Bridge Co., Denver: (1) \$116,105; (2) \$80,172; (3) \$192,724; (4) \$34,088; (5) \$24,526; (6) \$51,410; (1, 2 and 3) \$374,804; (4, 5 and 6) \$108,925; (all) \$483,278; fob Ambridge, Pa. Net.

**BIDS OPENED**

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3576, for the rental of one No. 10-S concrete mixer on 4 roller bearing wheels, with 4-cylinder radiator cooled gas engine, for use on WPA projects, f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco:

Adam Arras, 4006 18th St., San Francisco—\$74.50 per month; delivery April 1.

Frank J. Reilly Co., 6350 Fulton St., San Francisco—\$75.

Chas. H. Nelson, 349 Lexington St., San Francisco—\$75; delivery in two days.

M. E. McGowan, San Francisco—\$95.

O. G. Ritchie, San Francisco—\$97.

Peter J. McHugh, San Francisco—\$95; delivery in 5 days.

Chas. L. Harney, San Francisco—\$117.50; delivery in 1 day.

All bids net, and for immediate delivery unless otherwise noted.

**CONTRACT AWARDED**

NEW MEXICO & WYOMING.—John W. Beam, Denver, at \$31,283.34, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 578-D, for furnishing three 48-ft. x 21-ft. automatic radial gates for installation in the spillway of the Alamoordo Dam, Carlsbad Project, N. M., and three 29-ft. x 11-ft. automatic radial gates for installation in the spillway of Bull Lake Dam, Riverton Project, Wyoming.

**BIDS OPENED**

TULARE CO., Calif.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3557, for the rental of ten dump trucks, of not less than 1 1/2 tons capacity, 3 c.v. water level dump body power shovel loading, for use

on WPA projects, f.o.b. project site about 6 mi. southwest of Dinuba, Tulare County.

M. F. Swearinger, Exeter—\$0.90 per hour.

C. H. Schelcher—\$0.95.

G. H. Dawson—\$0.95.

R. L. Schelcher—\$0.95.

Alden E. Brown, Exeter—\$1.10.

Matt Scrupog—\$1.10.

C. N. Moore—\$1.15.

Emmet Eggers—\$1.25.

Lee McBride, Sunnyvale—\$1.25.

W. J. Dowdy—\$1.25; discount, 1%, 20 days.

A. J. McCosker—\$1.35.

Alexander Bros.—\$1.35; discount, 10%, 20 days; 5% 30 days.

Bruno Skibo, Oakland—\$1.50.

Wm. Motta—\$1.65.

Harvey L. Harris—\$1.70; discount, 2%, 20 days.

Volper Bros.—\$1.75.

Rock & Gravel Trucking Co., Oakland—\$1.75; discount, 1%, 30 days.

Portland Truck Service—\$1.75; discount, 2%, 30 days.

A. Soda & Son, Oakland—\$1.80; discount, 3%, 20 days.

**BIDS OPENED**

SAN MATEO COUNTY, Cal.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3598, for the rental of two portable centrifugal pumps, 2-inch, fob San Francisco Airport, for use on WPA projects:

Plumbo Bros. & Co., 1571 Turk St., San Francisco—\$37.50 per month.

Edward R. Bacon Co., San Francisco—\$50.00.

Pacific Pumping Co., San Francisco—\$50.00.

All bids net.

**BIDS OPENED**

SAN MATEO COUNTY, Cal.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3595, for the rental of one tandem roller, 6- or 7-ton, fob San Francisco Airport, for use on WPA projects:

C. L. Jordan, 612 9th Ave., San Francisco—\$2.70 per hour.

W. J. Immel, Berkeley—\$3.79.

P. E. Hackley Equipment Co., San Francisco—\$3.83.

Edward R. Bacon Co., San Francisco—\$4.30.

All bids net.

**BIDS OPENED**

SAN MATEO COUNTY, Cal.—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3595, for the rental of one portable air compressor, 315 cu. ft. actual delivery, fob San Francisco Airport, for use on WPA projects:

Rix Co., 562 Sixth St., San Francisco—\$1.64 per hour.

Western Machinery Co., San Francisco—\$1.97.

Edward R. Bacon Co., San Francisco—\$2.15.

Sam Bates Co., Oakland—\$2.17.

Plumbo Bros., San Francisco—\$3.60.

All bids net.

**BIDS OPENED**

SAN FRANCISCO.—The following bids received by the U. S. Engineer in Charge, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 668-37-212, for the lease of one or more diesel or gasoline engine powered boats, with full crew, for use in transporting passengers and Government pipeline dredges on Yerba Buena Shoals Project:

Crowley Launch & Tugboat Co., Pier 14, \$7.50 per hour.

Peterson Water Taxi, Buchanan and Jefferson Sts.; Sea Lion, \$3.50

per hour; Miss It, \$4.00 per hour. Bids held under advisement.

**26—RAILROADS**

**SUB CONTRACT AWARDED**

ALAMEDA CO., Calif.—M. E. McGowan, Inc., 74 New Montgomery St., San Francisco, awarded sub contract by the Bates & Rogers Construction Co., 532 Russ Bldg., San Francisco, general contractors, for driving 3,871 piles in connection with the construction of the East Bay Yard substructure of the railway facilities of the San Francisco Oakland Bay Bridge.

Eighty thousand feet of the piles will be creosoted and 264,000 ft. untreated.

**BIDS WANTED**

HICKAM FIELD, T. H.—Until Apr. 13, 11 a.m., H.S.T. bids will be received by Capt. H. B. Nourse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-17, for the construction of a railroad and parallel highway to the Magazine Area at Hickam Field.

Plans and specifications obtainable from the above office upon deposit of \$5 in the form of a certified check payable to the Finance Officer, Fort Shafter, and on file at the office of the Constructing Quartermaster, Ft. Mason.

**TO ASK BIDS SHORTLY**

SHASTA COUNTY, Calif.—A call for bids will probably be advertised in the near future for the relocation of Southern Pacific railway tracks to permit construction of the Kennet Dam, one of the units of the Central Valley Water Project.

Original surveys for the work show that an expenditure of \$15,500,000 would be involved in relocating the tracks between Redding and Del Norte. An additional \$5,000,000 would be required for the construction of a combination highway and railway bridge across Pitt River at Baird.

**29—STREETS AND HIGHWAYS**

**BIDS OPENED**

LOS ANGELES, Cal.—Tomel Construction Co., 4100 Madison Avenue, Culver City, at \$12,228.25 submitted low bid to the Los Angeles board of public works for grading, paving and otherwise improving Crenshaw Blvd. (West roadway), between Westmont Ave. and 700 ft. south of Westmont Ave., a cash contract.

Total bids follow:

Tomel Const. Co.	\$12,228.25
Geo. J. Bock Const.	12,625.44
L. A. Paving Co.	13,924.44
Edward Green	14,172.72
A. Park McComas	\$2,284.44
Shastel Const. Co.	\$2,285.73
Engineer's estimate	13,070.23

**BIDS OPENED**

LOS ANGELES, Cal.—Charles H. Johnson and Nick Persallo, 667 Sunset Blvd., Los Angeles, at \$30,697.17 submitted low bid to the Los Angeles board of public works for construction of storm drains and appurtenance work in Alameda Street bet. Ord and May Sts., Union Passenger Terminal Station, FWA project 4361, Unit E-2.

Total bids follow:

Chas. H. Johnson and Nick Persallo	\$30,697.17
Bent Brothers Const.	31,915.98
Gogo & Rados	35,520.65
T. C. Hickey	36,623.05
Artukovich Brothers	37,437.28
Starn & Brown	41,517.63
R. A. Wattson	44,007.23
Engineer's estimate	30,695.30

**BIDS WANTED**

LOS ANGELES, Cal.—Until March 31, 10 A. M., bids will be received by the Los Angeles board of public works, 153 City Hall, Los Angeles, for grading, paving and otherwise improving the streets in the Alessandro St. and Altman St. Improvement District, a cash contract.

The work involves:

- (1) lump sum, grading 1408 cu yds. excav., 568 cu yds. fill, including removal of exist. improvements;
- (2) 1410 sq. ft. conc. pavement, 8-in. thick;
- (3) 5415 sq. ft. do, 6-in. thick;
- (4) 632 sq. ft. rock and oil roadway, 3-in. thick;
- (5) 23 sq. ft. Class C resurfacing;
- (6) 90 lf. heavy class unplastered curb;
- (7) 265 lf. light class do;
- (8) 1868 sq. ft. 1-course sidewalk, 3-in. thick;
- (9) 13 sq. ft. concrete gutter, 8-in. thick;
- (10) lump sum, storm drain, together with all necessary appurtenances and appurtenant work, complete in place;
- (11) lump sum, sanitary sewer, together with all necessary appurtenances and appurtenant work, complete in place, not including house connection sewers;
- (12) 39 lf. house connection sewers.

**BIDS WANTED**

PHOENIX, Ariz.—Until April 6, 10 a. m., bids will be received by the Phoenix city commission, for improving portions of 8th St., Richland St., 9th St., Monte Vista Rd., Dayton St., Almeria and Coronado Roads, and Mitchell St. Resolution of Intention No. 6445, in accordance with plans and specifications which may be obtained from the office of James J. Glendon, city engineer, upon deposit of \$5 per set, returnable. Bond for the sum of 10% must accompany each proposal. Funds for this project will be furnished by a 45% PWA grant and bonds issued under Chap. 12, Art. 16, Ariz. Revised Code of 1928. The cost is estimated at \$135,877.30.

The approximate quantities are:

- 40,112 sq. yds. plant mix oil processed pavement, 3-in. thick, Spec. 363;
- 40,112 sq. yds. aggregate base, 6-in. thick;
- 40,112 sq. yds. grading under pavement;
- 1,460 sq. yds. portland cement conc. pavement, 6-in. thick, Spec. 363;
- 1,460 sq. yds. grading under conc. pavement;
- 10,665 sq. yds. parkway grading;
- 71,620 cu. ft. conc. conc. sidewalk, 4-in. thick, Spec. 363;
- 25,939 lf. comb. curb and gutter, Det. E-1;
- 441 lf. single curb, Det. F-1;
- 10 lf. single gutter, Det. G;
- 1,083 lf. valley gutter, Det. Z;
- 330 lf. 12-in. conc. pipe (plain);
- 80 lf. 12-in. conc. pipe (encased), Det. D;
- 162 lf. 30-in. reinf. conc. pipe;
- 2 ea., gutter inlets, Det. Q-3;
- 15 ea., monument covers, Det. K;
- 9 ea., street signs, Det. P;
- 2 ea., manholes, Det. J;
- 9 ea., adjusting manhole covers;
- 6 ea., conc. headwalls, Det. D

**BIDS OPENED**

LOS ANGELES, Cal.—Lindgren & Swinerton, Inc., 605 West Olympic Blvd., Los Angeles, submitted the only bid to the Los Angeles County Supervisors at \$19,300 for constructing yielding highway barriers across Florence Ave. at its intersection with the Long Beach Branch of the Pacific Electric Railway, Cash Contract No. 498.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Mar. 31, 10 a. m., bids will be received by the Los Angeles board of public works, 153 City Hall, Los Angeles, for grading, paving and otherwise improving Greenway Blvd. between Slauson Ave. and 60th St., a cash contract.

The work involves:

- (1) lump sum, grading (2326 c.y. excav., 15 c.y. fill, including removal of existing improvements and trees);
  - (2) 7,580 sq. ft. conc. pavement, 3-in. thick;
  - (3) 35,631 sq. ft. conc. base, 6-in. thick;
  - (4) 1,416 sq. ft. conc. base, 5-in. thick;
  - (5) 965 tons asphaltic conc. wearing surface, including resurfacing;
  - (6) 1,519 lf. heavy class unplastered curb;
  - (7) 106 lf. light class unplastered curb;
  - (8) 263 lf. curb armor;
  - (9) 1,296 lf. curb bar;
  - (10) 8,613 sq. ft. 1-course sidewalk, 3-in. thick;
  - (11) 1,198 sq. ft. 1-course sidewalk, 6-in. thick;
  - (12) 479 sq. ft. conc. gutter, 8-in. thick;
  - (13) 86 sq. ft. conc. gutter, 7-in. thick;
  - (14) lump sum, storm drain, together with all necessary appurtenances and appurtenant work, complete in place, not including resurfacing;
  - (15) lump sum, sanitary sewer, together with all necessary appurtenances and appurtenant work, complete in place;
  - (16) lump sum, ornamental lighting system, together with all necessary appurtenances and appurtenant work, complete in place;
  - (17) 4 existing manholes to be reset.
- tenant work, complete in place:

**BIDS WANTED**

SAN FRANCISCO.—Until April 7, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,959, for grading, paving, and laying sewer in Williams Ave. between Third St. and Newhall St. Estimated cost \$25,000.

The work involves:

- (1) 1,900 c.y. grading (excavation);
  - (2) 4,650 c.y. grading (embank);
  - (3) 1,000 lf. 12-in. VCP sewer, in place;
  - (4) 100 lf. 6-in. VCP side sewer, in place;
  - (5) 50 lf. 8-in. do;
  - (6) 4 12x6-in. Y branches, in place;
  - (7) 5 12x8-in. do;
  - (8) 6 brick manholes, complete;
  - (9) 2 brick catch basins, reset or reconstructed;
  - (10) 7 brick catch basins, complete;
  - (11) 220 lf. 10-in. VCP culvert, in place;
  - (12) 850 sq. ft. 2-course conc. sidewalk;
  - (13) 970 lf. armored concrete curb;
  - (14) 310 lf. unarmored conc. taper curb;
  - (15) 7,300 sq. ft. black base pavement 4- and 2-in.;
  - (16) 1,500 sq. ft. remove and replace asphalt conc. wearing surface;
  - (17) 20 tons asphalt conform pave;
  - (18) 63,000 sq. ft. asphalt concrete pavement 6- and 2-in.;
  - (19) 2,750 lf. 4-in. painted white lacquer lines;
  - (20) 1 street sign reset;
  - (21) 2 6-unit warming reflectors;
  - (22) 220 lf. standard wood fence.
- Plans and specifications obtainable from the office of City Engineer J. J. Casey, City Hall, upon cash deposit of \$100.

**BIDS WANTED**

PIMA CO., Arizona.—Until April 6, 10 a. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on P.A. 9-A, first reopening (1937), A.F.E. 8010 P.A. 94-F, first reopening (1937), A.F.E. 8010, Tucson-Floresca Highway. The work, which is to begin at the corner of Stone Ave. and Drachman St. in Tucson and extends westerly to Oracle Rd., thence northerly on Oracle Rd. to the intersection with the Casa Grande Rd., a distance of about two miles, consists of grading, draining, aggregate base course, oil processing and incidental work, and is to be completed on or before Dec. 15, 1937.

The principal items are:

- 23,300 c.y. roadway excav.;
- 1,200 c.y. structural excav.;
- 10,500 c.y. imported borrow;
- 19,000 c.y. m. imported borrow haul;
- 33,100 tons coarse aggregate base course;
- 1,090 tons fine aggregate base course;
- 1,100 M. gals. sprinkling;
- 400 hours rolling;
- 1,500 sq. yds. concrete pavement;
- 1,580 c.y. Class A concrete;
- 54,700 lbs. reinf. steel;
- 2,400 sq. yds. cement rubble ditch lining;
- 8,900 lf. special combination curb and gutter;
- 12,100 lf. special integral curb and gutter;
- 16,200 lf. single curb;
- 2,500 lf. valley gutter;
- 67,300 sq. ft. 4-in. conc. sidewalk;
- 372 lf. 30-in. CMP;
- 2,300 lf. plain conc. pipe (3 sizes);
- 11,500 tons plant mix;
- 480 tons MC-5 cutback asphalt;
- 12,600 sq. yds. removal of 6-in. conc. pavement.

Plan and specifications may be obtained at the office of T. S. O'Connell, State Highway Engineer. Certified or cashier's check for 5% must accompany each proposal.

**BIDS WANTED**

APACHE CO., Ariz.—Until April 13, 2 p. m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for furnishing 220 tons Type 2 liquid asphaltic road material for use on Route 1, Petrified Forest National Monument, Apache County, Arizona.

Specifications obtainable from the Bureau of Public Roads, Federal Office Bldg., San Francisco, or 247 New Post Office Bldg., P. O. Box 79, Phoenix, Ariz.

**CONTRACT AWARDED**

LOS ANGELES.—P. J. Akmaldeh, 2028 Hollywood St., Los Angeles, at \$7,175.49, awarded contract by the Los Angeles board of public works, for improving Beachwood Drive from 480 feet north of Franklin Ave. to Franklin Ave., a cash contract.

**NOTICE TO BIDDERS**

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, Sacramento, has announced the cost of blue line prints for the state highway work now advertised, bids to be opened in Los Angeles on April 8th.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

Costs of the blue prints follow:

X1-S-2-D.—The Atchison, Tonopa & Santa Fe Railway near San Onofre; PLANS (No. of Sheets), 10; cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 2; cost, \$0.29; total \$1.29.

VII-LA-168-A & B, bet. Center Street and Firestone Blvd.; PLANS (No. of Sheets), 27; cost, \$2,700; CROSS-SECTIONS (No. of Sheets), 37; cost, \$5,700; total, \$8,400.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

#### BIDS WANTED

LOS ANGELES CO., Calif.—Until April 16 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for about 3,266 mcs. grading on Section D of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County.

The principal items of work involved are:

- (1) 32 A. clearing;
- (2) 32 A. grubbing;
- (3) 345,700 c.y. unclass. excav.;
- (4) 1,700 c.y. do. for structures;
- (5) 387,000 sta. yds. overhaul;
- (6) 3,266 ml. finishing earth graded roads;
- (7) 132 c.y. concrete;
- (8) 10,190 lbs. reinforcing steel;
- (9) 5,082 lf. C.G.S. metal pipe;
- (10) 4 each, C.G.S. metal pipe elbows;
- (11) 116 c.y. hand laid rock embankment;
- (12) 4 right-of-way monuments;
- (13) 4 reinforced concrete inlet covers;
- (14) 4 spillway inlets;
- (15) 42 culvert markers;
- (16) 4 drop inlets.

Plans and specifications obtainable from the office of the State Highway Engineer.

#### BIDS WANTED

SAN FRANCISCO.—Department of Public Works, S. J. Hester, Chief Deputy Director, desires to improve (expediently) sidewalks on California Street between Tenth Ave. and 107-6 E. and at 43 other locations. Estimated cost, \$2,600. Spec. No. 19014.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall.

#### BIDS WANTED

SACRAMENTO.—Until March 25, 4 p.m. (to be opened at 8 p.m.), bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of Marty Way from the northerly boundary of "Carly Park" to the southerly boundary of "Carly Park"; of Larkin Way, from Land Park Drive to easterly boundary of "Carly Park"; and Caramay Way, from the easterly line of Land Park Drive to the easterly boundary of "Carly Park."

Plans and specifications obtainable from the above office.

#### BIDS WANTED

MARIN CO., Calif.—Until March 31, 10 a.m., bids will be received by the Board of Directors of the Golden Gate Bridge & Highway District, Suite 1000, 111 Sutter Street, San Francisco, for about 7,500 feet of asphaltic concrete surfacing and armor shoulders on the Sausalito lateral of the Golden Gate Bridge, to connect with the Waldo Approach road now under construction by the State.

Plans and specifications obtainable from the above office upon deposit of \$50.

W. W. FELT, Secretary of the Bridge District

#### BIDS WANTED

APACHE CO., Ariz.—Until April 13, 10 a.m., bids will be received by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, C. H. Sweaater, District Engineer, for about 4.84 miles grading and placing subgrade reinforcements with a bituminous treatment (light surface application) on Section C of Route 1, Petrified Forest National Monument, Apache County, Arizona.

The principal items of work involved are:

- (1) 24,000 c.y. unclass. excav.;
- (2) 600 c.y. do. for structures;
- (3) 36,900 c.y. do. for borrow;
- (4) 7,000 sta. yds. overhaul;
- (5) 48,000 c.y. ml. borrow haul;
- (6) 24,700 tons subgrade reinforcement;
- (7) 250 M. gals. watering;
- (8) 220 tons applying liquid asphaltic road material, Type SC-2;
- (9) 73 c.y. concrete;
- (10) 3,400 lbs. reinforcing steel;
- (11) 51 c.y. masonry;
- (12) 1,630 lf. CMP;
- (13) 1 Type A spillway inlet;
- (14) 7 sets cast steel frame and curb for drop inlets;
- (15) 550 lf. Type 1 (stone) curb;
- (16) 950 lf. Type 2 (stone) curb;
- (17) 1,280 sq. ft. granite walks;
- (18) lump sum, blast plants.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 247 New Post Office Bldg., P. O. Box 70, Phoenix, and Federal Office Bldg., San Francisco, upon deposit of \$10.

#### BIDS WANTED

TUOLUMNE CO., Cal.—Until March 30, 2 p.m., as previously reported, bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, for 2,107 miles grading and placing subgrade reinforcement on Section A2 of Route 4, the Tuolumne River, Yosemite National Park, Tuolumne County.

The principal items of work involved are:

- (1) 46,000 c.y. unclass. excav.;
- (2) 750 c.y. do. for structures;
- (3) 5,300 c.y. do. for borrow;
- (4) 11,600 c.y. unclass. excav. for borrow;
- (5) 75,000 sta. yds. overhaul;
- (6) 15,700 c.y. ml. haul;
- (7) 40,000 lf. corrugated metal pipe;
- (8) 1 Type "A" spillway inlet;
- (9) 5 c.y. concrete;
- (10) 200 lbs. reinforcing steel;
- (11) 44 c.y. masonry;
- (12) 3 cast steel gates.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

#### BIDS WANTED

YAVAPAI COUNTY, Ariz.—Until April 15, 10 A. M., bids will be received by the Bureau of Public Roads, New Post Office Building, Phoenix, for 7,615 miles surfacing on Sections I and J of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai Co., Arizona.

The principal items of work involved are:

- (1) 200 c.y. unclassified excavation.
- (2) 400 c.y. do. for borrow.
- (3) 40,000 sta. yds. overhaul.
- (4) 7,615 ml. fine grading of subgrade and shoulders.
- (5) 25,500 tons gravel base course.
- (6) 11,500 tons crusher run top course
- (7) 100 M. gals. watering.

Plans and specifications obtainable from the office of the Bureau of Public Roads, 247 New Post Office Bldg., P. O. Box 70, Phoenix, or the Federal Office Bldg., San Francisco.

#### BIDS WANTED

MARIN COUNTY, Calif.—Until March 31, 10 A. M., as previously re-

ported, bids will be received by the Board of Directors of the Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, Suite 1000, 111 Sutter Street, San Francisco, for placing about 7,500 ft. of asphaltic concrete surfacing and armor shoulders on the Sausalito lateral of the Golden Gate Bridge, to connect with the Waldo Approach road now under construction by the State.

All materials will be supplied by the WPA with the exception of 850 tons of asphaltic concrete which will be provided by the District or the contractor depending on future plans.

The contract is for placing only.

Bids will be taken as follows:

- (1) 3,750 tons asphaltic concrete.
  - (2) 3,700 gals. liquid asphalt SC-1A
  - (3) 5,500 gals. liquid asphalt, 90-95, penetration)
  - (4) 100 tons screenings and asphaltic cement (surface finish).
  - (5) 160 tons sand or stone screenings.
  - (6) 139 tons fine screenings.
  - (7) 333 tons coarse screenings.
- Plans and specifications obtainable from the above office upon deposit of \$25.

#### CONTRACT AWARDED

SAN DIEGO CO., Calif.—Consumers Oil Co., 4601 E. 52nd Drive, Los Angeles, at \$1,204,000, submitted low bid to the State Division of Highways, E. E. Wallace, District Engineer, San Diego, and awarded contract by C. H. Purcell, State Highway Engineer, Sacramento, for applying diesel oil to roadside vegetation for a distance of 88.5 miles in San Diego County at various locations, involving 565 bbals. of Diesel oil.

Complete bids follow:

- Consumers Oil Co., Los Angeles—(1) \$2,222; total, \$1,254,300.  
Regal Oil Co., Long Beach—(1) \$2,722; total, \$1,536,800.  
Gilmore Oil Co., Los Angeles—(1) \$3,232; total, \$1,958,200.  
Weed Eradicators, Inc., Santa Ana—(1) \$3,472; total, \$1,960,650.

#### LOW BIDDERS

NAVAJO CO., Arizona.—Southern Calif. Roads Co., 2145 E. 25th St., Los Angeles, at \$1,300, submitted low bid to Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-St. Johns Highway, F.A. 42, 1st Reop. (1937), A.E.P. 2660. The work, most of which extends from a point about 5 1/2 miles southeast of Holbrook southeasterly for a distance of about 10 1/2 miles, consists of grading, fencing, and oil processing (90-95 road oil plant mix), and to be completed on or before Sept. 15, 1937.

The principal items are:  
9,800 cu. yds. roadway excav.;

38,800 cu. yds. select material (CIP);  
40,400 cu. yds. chip and grading pits;  
750 M. gals. sprinkling;  
370 hours rolling;  
129,000 lin. ft. line fences;  
14,150 tons plant mix;  
100 tons road oil (90-95);  
10.6 miles placing plant mix;  
1,700 tons screenings;  
83,500 gals. road oil (SC-2);  
500 tons stockpiling dry aggregate.

The next two bids were:  
Arizona Sand & Rock Co.—\$91,951.  
W. E. Hall Co., Phoenix—\$95,528.

#### BIDS WANTED

SANTA ROSA Co., Sonoma Co., Calif.—Until April 6, 5 p.m., bids will be received by the Santa Rosa City Council, Ney L. Donovan, City Clerk, City Hall, for widening, grading, paving and otherwise improving Fourth Street between A St. and E St., about 0.2 mile in length.

The work involves:



- (1) 850 c.y. roadway excav.;
- (2) 650 c.y. imported borrow;
- (3) 2,000 sq. yds. pavement removal;
- (4) 6,995 sq. yds. pavement planing;
- (5) 995 tons asphaltic concrete surface, Type A;
- (6) 755 c.y. Class X portland cement concrete;
- (7) 400 c.y. curb, gutter and sidewalk removal;
- (8) 6 tons emulsified asphalt;
- (9) 6 each, cast-iron catch basins with concrete wells.

Plans and specifications obtainable from the office of City Engineer J. B. Platt. Work will be financed by the city's share of State gasoline tax funds.

**CONTRACT AWARDED**

**PLACER CO., Calif.**—Basich Bros., 20556 Normandie Ave., Torrance, at \$122,902.35, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.9 mi. grading and paving with portland cement concrete in Placer County, between Rocklin and Loomis.

**CONTRACT AWARDED**

**PIMA CO., Arizona.**—Tanner Construction Co., 312 S. 11th Ave., Phoenix, at \$52,714.81, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Tucson-Nogales Highway, F.A. 86-A, 2nd Reop. (1937). A.F.E. 8965. The work, which begins about 8 1/2 miles south of the south city limits of Tucson and extends southerly a distance of about 9.9 miles, consists of grading, filling borrow pits, fencing, and applying asphaltic surface treatment, and is to be completed on or before Aug. 31, 1937.

**BIDS WANTED**

**SACRAMENTO, Cal.**—Until March 25, P. M., (to be opened at 8 p. m.) as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of Marty Way from the northerly boundary of "Carly Park" to the southerly boundary of "Carly Park"; of Larkin Way from Land Park Drive to easterly boundary of "Carly Park"; and Caramay Way from the easterly line of Land Park Drive to the easterly boundary of "Carly Park."

- The work involves:
- (1) 3.67 lf. concrete curb and gutter combined (cut No. 12) complete in place;
  - (2) 16,232 sq. ft. concrete sidewalk, 3 1/2-inch x 4 1/2-ft., complete in place;
  - (3) 4 each, cast iron gutter drains (cut No. 11) installed complete in place;
  - (4) 2 concrete manholes, constructed complete in place with cast iron curbs and covers;
  - (5) 5 concrete manholes, reconstructed complete by placing curbs and covers to grade;
  - (6) 2 street monuments installed;
  - (7) 193 lf. 6-in. vit. ironstone sewer pipe, complete in place;
  - (8) 235 lf. 8-in. do.
  - (9) 1,879 cu. yd. excavation, grading;
  - (10) 69 c.y. fill, grading;
  - (11) 688 c.y. cementing gravel (4-in. compacted) for sub-base, complete in place;
  - (12) 688 cu. yd. 2-in. asphaltic concrete for top pavement (with seal coat & screenings) constructed complete in place.

Plans and specifications obtainable from the above office.

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.**—Until April 8, 7:30 p.m., bids will be received by the Bakersfield Board of Education, Bakersfield, for paving of an unpaved strip of Union Ave. lying west of the Bakersfield School

District property, Fremont School, Bk. 192, between Eureka St. and Truxton Ave., in accordance with specifications which may be obtained from the office of the city engineer, Joe Holfelder, Bakersfield. Certified or cashier's check for 10% must accompany each proposal. Florence C. Porter, Secretary.

**BIDS OPENED**

**SUNNYVALE, Santa Clara Co., Cal.**—Union Paving Co., Call Bldg., San Francisco, at \$4,815, submitted low bid to the Sunnyvale City Council, Ida Truhschenk, City Clerk, for the resurfacing of South Murphy St., between Evelyn and Washington Streets, including new curbs and gutters.

- The work involves:
- (1) 285 tons asphaltic concrete;
  - (2) 170 c.y. cement, curbs and gutters;
  - (3) 4 c.y. cement, sidewalk;
  - (4) 120 lf. part-circle culvert.

Total bids follow:

(A) Union Paving Co., San Francisco	\$4,815.00
(B) A. J. Raich, San Jose	5,431.75

Unit bids follow:

	(A)	(B)
(1)	\$5.00	\$6.75
(2)	17.00	18.00
(3)	20.00	22.00
(4)	3.50	3.00

H. N. BISHOP, City Engineer.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**

**SACRAMENTO Co., Calif.**—Until March 29, 2 P. M., (date postponed from March 16) as previously reported, bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, to be opened in the office of the Builders' Exchange, 720 I St., Sacramento, for construction and completion of sanitary sewage at the air base. Estimated cost, \$45,000.

Bids will be taken as follows:

- (I) Lump sum, construction and completion of the sanitary sewer lines;
- (II) Unit Prices. The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.
  - (A) 15-in. vitrified clay pipe in place, per lf.;
  - (B) 12-inch do.;
  - (C) 10-inch do.;
  - (D) 8-inch do.;
  - (E) 6-inch do.;
  - (F) Wyes on 15-inch vitrified clay pipe, each;
  - (G) Wyes on 12-inch do.;
  - (H) Wyes on 10-inch do.;
  - (I) Wyes on 8-inch do.;
  - (J) Wyes on 6-inch do.;
  - (K) Standard manholes, 5-ft. deep, each;
  - (L) Per ft. of standard manholes over 5-ft. deep;
  - (M) Drop manholes, Type A, 5-ft. deep, each;
  - (N) Per ft. of Type A drop manholes over 5-ft. deep;
  - (O) Drop manholes, Type B, 5-ft. deep, each;
  - (P) Per ft. of Type B drop manholes over 5-ft. deep.
  - (Q) Sheet piling left in place, per M. F. B. M.;
  - (R) Rock excavation, per c.y.

- (S) Earth excavation and backfilling, per c.y.
- (T) 15-in. extra strength vitrified clay sewer pipe in place, per lf.
- (U) 12-in. extra strength vitrified clay sewer pipe in place, per lf.
- (V) 10-in. extra strength vitrified clay sewer pipe in place, per lf.
- (W) 8-in. extra strength vitrified clay sewer pipe in place, per lf.

Date of opening bids postponed due to a slight revision in plans by the office of the Quartermaster General in Washington, and the addition of items S to W inclusive, in the bid items.

Plans and specifications obtainable from the office of Maj. Arthur W. Parker, upon deposit of a certified check, payable to the Treasurer of the United States, in the amount of \$10,000.

**AWARDS RECOMMENDED**

**WASCO, Kern Co., Calif.**—Heuser & Garnett, 816 Allen Ave., Glendale, at \$28,160 on Schedule A, and the T. A. Allen Constr. Co., 500 Central Bldg., Los Angeles, at \$5,695.25 on Schedule B, submitted low bids and recommended for award of contracts by the Wasco Public Utility District, W. D. Cokely, Clerk, for construction of disposal plant and intake and discharge lines, Unit No. 2.

The work involves:

- SCHEDULE A**
- (1) One pumping plant and wet well, pump house, pump pit, water tank and all mechanical equipment complete;
  - (2) One clarifier complete, incl. all mechanical equipment;
  - (3) One primary digester, incl. all mechanical equipment;
  - (4) One secondary digester, incl. all mechanical equipment;
  - (5) Four sludge beds complete, ea.;
  - (6) Piping, valves, fittings, and all mechanical apparatus for gas lines, overflow sump lines, sludge lines, supernatant lines, scum lines, influent and effluent lines, and water lines outside of structures at disposal plant;
  - (7) Project sign and office facilities.
- I.P.A. resident engineer inspector.

- SCHEDULE B**
- (8) 3615 ft. 10-in. concrete irrigation pipe for effluent lines;
  - (9) 42 ft. 30-in. concrete pipe for standpipes;
  - (10) 50 8-in. alfalfa valves on effluent lines;
  - (11) 10 10-in. gate valves in standpipes;
  - (12) One 12-in. water well complete, 300 ft. deep;
  - (13) One turbine deep well pump, direct connected to 15-hp. motor, in drilled complete;
  - (14) 2960 ft. fence (barbed wire) around plant;
  - (15) leveling and checking (about 37 acres), per acre;
  - (16) installed signs.

Complete unit bids follow: Heuser & Garnett, Glendale—(A) \$28,160. (B) \$7,993. T. A. Allen Constr. Co., Los Angeles—(A) \$5,695.75; (B) \$5,695.25. Fred J. Early, Jr., San Francisco—(A) \$8,175. (B) \$6,171.75. W. J. Tobin, Oakland—(A) \$29,712. (B) \$6,786.10. Leo Constr. Co., Los Angeles—(A) \$29,788. (B) \$6,767.75. T. A. City-Engineer, Bakersfield—(A) \$28,160. (B) \$9,902.25. The award will be made by the City. The work is being done under a 10% variation of \$91,993 and a special provision. The contract is to be let in accordance with the rules adopted by W. J. Tobin, Oakland, amounted to \$102,666.72.

**BIDS OPENED**

**SAN FRANCISCO**—E. J. Treacy, Call Bldg., at 1,905.31, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,996, for laying sewers in Conking St., north of Silver Ave. and in Silver Ave., bet. Scotia Ave. and Layton St.

- The work involves:
- (1) 5 each, brick manholes, comp.;
  - (2) 280 lf. 8-in. VCP sewer, in place;
  - (3) 21 lf. 12-in. do;
  - (4) 112 lf. 15-in. do;
  - (5) 52 lf. 10-in. do;
  - (6) 25 each, brick catchbasin, comp.;
  - (7) 25 each, 8 x 6-in. wye branches, in place;
  - (8) 12 x 6-in. do;
  - (9) 4 each, 15 x 6-in. do.

Total bids follow:

(A) E. J. Treacy, S. F. \$1,905.31  
 (B) Eaton & Smith, S. F. 1,954.90  
 (C) Chas. L. Harney, S. F. 2,193.80  
 (D) Fay Impr. Co., S. F. 2,423.22  
 (E) W. J. Tohin, S. F. 2,604.04

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$85.00	\$85.00	\$100.00	\$98.00	\$90.00
(2)	1.30	1.50	1.50	1.50	2.00
(3)	1.68	2.00	1.80	2.02	2.60
(4)	2.29	2.50	3.00	2.85	3.10
(5)	.90	1.40	1.25	1.80	2.50
(6)	70.00	85.00	95.00	95.00	90.00
(7)	1.50	1.45	1.00	1.50	1.00
(8)	2.75	2.50	2.00	2.00	2.00
(9)	4.50	4.00	3.00	2.00	3.00

**33— WATER WORKS**

**BONDS VOTED**

**REDDING**, Shasta Co., Calif.—A proposal to issue \$200,000 in bonds to finance acquisition of the present water system or construction of a new system was approved by a vote of 1446 to 280 at a special election held in Redding March 16.

The money will be used either for purchase of the present properties of the California Water Service Corp., or if the price asked by that company continues to be excessive, for the construction of a complete new water distribution system.

The City has applied to the PWA for a grant of \$153,800 to assist in financing construction of the new system, but if the federal grant is not allotted the \$200,000 in bond money will be sufficient to construct a system equal to that now in operation.

W. K. Adams, City Engineer.

**BIDS WANTED**

**WASCO**, Kern Co., Calif.—Until April 6, 10 a. m., bids will be received by the Wasco Public Utility District, 809 7th St., Wasco, for furnishing and installing one complete pumping plant unit, equipped with electric motor, to be installed in the west well, near northeast corner of E and 8th Sts. Specifications may be obtained at the above address. Certified check for 10% must accompany each proposal. W. D. Cokely, Clerk.

**BIDS OPENED**

**SACRAMENTO COUNTY**, Calif.—Fred J. Earty, Jr., 365 Pine St., San Francisco, at \$8,980 submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for construction and completion of the Quartermaster's gasoline and oil storage tanks, piping, pumping, etc., at the air base.

Bids will be taken as follows:

(I) Lump sum, construction & completion of the QM gasoline and oil storage tanks, pumping, piping, etc., including the utilities thereto;

(II) If the built-up roof is constructed of asphalt instead of tar as specified, add to or de-

**SAN FRANCISCO—PARK-PRESIDIO MAINS—(City)**

**SAN FRANCISCO**— Mills Const. Co., Russ Bldg., at \$28,399.72 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19002, for the construction of Section C of the Park-Presidio District High Pressure System for fire protection.

- The work involves:
- Cast Iron Pipe and Special Castings in Place**
- (1) 144 lf. 18-in. Class F bell and spigot, lugged;
  - (2) 48 lf. 14-inch Class H double spigot, lugged;
  - (3) 480 lf. 14-in. Class H bell and spigot, lugged;
  - (4) 816 lf. 12-in. Class G bell and spigot, plain;
  - (5) 552 lf. 12-in. Class C bell and spigot, lugged;
  - (6) 2256 lf. 10-in. Class H double spigot, plain;
  - (7) 132 lf. 10-in. Class H double spigot, lugged;
  - (8) 100 lf. 8-in. Class H bell and spigot, lugged.

Note: Items 1 to 8 inclusive, cast iron pipe and part of the special castings, will be furnished by the city. Such special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

- (9) 8 each 10-in. gate valves, furnished, tested and delivered;
- (10) 8 each 8-in. gate valves, do;
- (11) 1 each 4-inch vertical by-pass valve for 16-in. gate valve, furnished, tested and delivered;
- (12) 8 each standard high pressure hydrants, furnished, tested and delivered;
- (13) 1 each 16-in. vertical gate valve, reconditioned;
- (14) 1 each 16-in. gate valve, in place
- (15) 1 each 12-in. do;
- (16) 8 each 10-in. do;
- (17) 8 each 8-in. do;
- (18) 8 each standard high pressure hydrants, in place;

Note: Items 13 to 18, inclusive, 18- and 12-in. gate valves will be furnished by the city; 10- and 8-in. gate valves, 4-in. by-pass valve, and standard high pressure hydrants shall be furnished by the contractor under bid items 9, 10, 11 and 12.

- (19) 24,150 lbs. pig lead, furnished and delivered;
- (20) 4,436 lbs. cast steel special castings, furnished and delivered;
- (21) 14,847 lbs. cast iron, do;
- (22) 8,154 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
- (23) 8,412 lbs. wrought iron bolts, tie rods, nuts and washers, furnished and placed;
- (24) 870 lbs. reinforcing steel, furnished and placed;
- (25) 12 c.y. Class B concrete, in place
- (26) 2530 c.y. excavation and backfill;
- (27) 12,210 sq. ft. asphaltic concrete pavement, 2-in.—6-in., Class F concrete;
- (28) 128 sq. ft. concrete sidewalk, 2-course;
- (29) 4 c.y. crushed rock, furnished and placed.

Note: Items 19 to 29 inclusive, all materials shall be furnished by the contractor.

Total bids follow:

(A) Mills Const. Co., San Francisco, \$28,399.72.  
 (B) Chas. L. Harney, San Francisco, \$28,950.28.  
 (C) M. J. Lynch, San Francisco, \$28,991.67.  
 (D) Fay Improvement Co. San Francisco, \$29,587.57.  
 (E) Pacific States Const. Co., San Francisco, \$29,887.12.  
 (F) R. B. McNair, Oakland, \$29,972.42.  
 (G) E. J. Treacy, San Francisco, \$30,052.88.  
 (H) P. L. Burr, San Francisco, \$30,523.24.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.25	\$ 4.00	\$ 5.15	\$ 2.56	\$ 5.00	\$ 2.50	\$ 2.57	\$ 2.85
(2)	1.25	4.00	2.50	2.24	3.00	2.10	2.41	2.20
(3)	1.25	2.70	2.00	2.24	2.00	1.95	2.08	1.55
(4)	1.25	1.80	2.00	2.09	1.55	1.50	1.97	1.60
(5)	1.25	2.25	2.25	2.24	1.75	1.75	2.07	2.00
(6)	1.25	1.60	2.00	2.09	1.60	1.60	2.01	1.75
(7)	1.25	2.00	2.25	2.24	2.25	1.85	2.31	2.00
(8)	1.25	3.00	3.00	2.24	2.50	1.75	1.05	1.50
(9)	280.00	300.00	350.00	322.80	300.00	255.44	270.00	270.00
(10)	175.00	200.00	180.00	209.20	185.00	145.20	165.00	165.00
(11)	90.00	106.00	100.00	122.80	100.00	207.00	85.00	85.00
(12)	310.00	300.00	300.00	352.84	350.00	237.00	298.00	300.00
(13)	140.00	150.00	150.00	165.00	150.00	130.00	130.00	130.00
(14)	40.00	70.00	30.00	30.34	50.00	25.00	35.00	70.00
(15)	25.00	50.00	20.00	30.34	25.00	25.00	20.00	35.00
(16)	20.00	30.00	20.00	30.34	20.00	25.00	15.00	25.00
(17)	20.00	20.00	20.00	30.34	15.00	20.00	15.00	15.00
(18)	25.00	40.00	20.00	30.34	25.00	20.00	20.00	20.00
(19)	.07	.0625	.07	.06	.07	.0745	.075	.08
(20)	.20	.20	.20	.17	.21	.20	.10	.21
(21)	.10	.10	.07	.09	.11	.10	.10	.105
(22)	.10	.10	.09	.07	.12	.095	.095	.095
(23)	.20	.15	.15	.10	.19	.15	.15	.16
(24)	.07	.06	.08	.07	.10	.08	.05	.08
(25)	27.50	20.00	30.00	22.00	20.00	40.00	15.00	20.00
(26)	2.25	1.35	1.19	1.60	1.60	2.50	2.42	2.00
(27)	.25	.23	.22	.22	.22	.26	.18	.30
(28)	.24	.20	.14	.16	.16	.25	.15	.25
(29)	2.00	3.00	2.50	3.25	2.00	2.50	3.00	3.00

**Reinforcing Steel**

FABRICATED AND INSTALLED  
WIRE AND WIRE MESH

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duct from the amount of Item (1);

(III) Unit Prices. The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.

- (A) Earth excavation, per c.y.;
- (B) Rock excavation, per c.y.;
- (C) Wet excavation, per c.y.;
- (D) Type A concrete, including forms, per c.y.;
- (E) Type B concrete, do.;
- (F) Reinforcing steel, per ton.

Bids were taken as follows: Complete bids follow:

(A) Fred J. Early, Jr., San Francisco, begin in 20 days, finish in 120 days.

(B) H. W. Robertson, Sacramento: begin in 10 days, finish in 200 days.

	(A)	(B)
(1) .....	\$8,980.00	\$11,464.00
(II) .....	20.00	62.00
(A) .....	60	150
(B) .....	8.60	4.00
(C) .....	3.60	5.00
(D) .....	20.00	22.00
(E) .....	22.00	24.00
(F) .....	120.00	120.00

Bids referred to the office of the Quartermaster General, Washington, D. C., for award.

**BIDS WANTED**

TUCSON, Ariz.—Until April 5, 4 p.m., bids will be received by the Tucson city manager, E. E. Butler, for furnishing standby pumping equipment, i.e.b. Plant No. 1, at West 18th St. and Osborn Ave., Tucson. Certified check for 5% must accompany each proposal.

The specifications follow:

**ALTERNATE "A"**

Two each, pumping units, described as follows:

Pump: Single stage double suction, split case. Volume type centrifugal pump bronze fitted throughout, mounted on cast-iron extended base plate, fitted with flexible coupling for direct connection to the driving engine.

Conditions of service:

2,500 to 3,000 g.p.m.;

185-foot total head;

1,400 r.p.m. normal speed;

1,800 r.p.m. emergency speed.

Power to drive pump: Engine, multiple cylinder, to operate on gasoline, mounted on extended base plate and directly connected to pump shaft through flexible coupling, together with all necessary tools, equipment, starting battery and gasoline storage tank.

**ALTERNATE "B"**

One each, pumping unit, complete as described under Alternate "A."

One each, engine only, multiple cylinder, gasoline driven, 180 to 225 delivered hp. on sub-base, with stub shaft fitted with flexible coupling for direct drive to pump now in place, together with all necessary tools, equipment, starting battery and gasoline storage tank. To accept duty at 1,200 r.p.m. normal speed and 1,500 r.p.m. intermittent or emergency speed. This engine to drive pump under following conditions:

2,500 g.p.m. at 1,200 r.p.m.;

185-foot total head.

**CONTRACT AWARDED**

FRIANT, Fresno Co., Cal.—Western Pipe & Steel Co., 414 Market St., San Francisco, at \$5,355 awarded contract by the Bureau of Reclamation, Walker R. Young, Construction Engineer, Sacramento, under Spec. No. 883-D, for the construction of

**ELKO CO., NEV.—16.98 Mi. Highway Construction—(State)**

ELKO COUNTY, Nev.—Utah Construction Co., Ogden, Utah, at \$476,245, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the highway system in Elko County from a point 1.6 miles east of Vivian to Elko, Rte. 1, Section A1, a length of approximately 16.98 miles.

The work involves:

- (1) 67,805 lf. remove fence;
- (2) 1,910 lf. remove culvert pipe;
- (3) 52 each remove culvert head walls;
- (4) 2 each remove concrete culverts
- (5) 404,400 c.y. rdwy. excav.;
- (6) 39,610 cu. y. imported borrow;
- (7) 584,480 yd. sta. overhaul;
- (8) 41,830 lf. mile overhaul;
- (9) 2,750 cu. y. struc. excav.;
- (10) 16.98 miles subgrade;
- (11) 16.98 miles shoulders;
- (12) 16.98 miles finish roadway;
- (13) 138,000 tons crushed gravel or stone subbase;
- (14) 44,200 tons plant-mix crushed gravel or stone base;
- (15) 29,540 tons plant-mix asphaltic surface;
- (16) 11,600 tons crushed gravel or stone surface;
- (17) 7,924 M. gals. water;
- (18) 1,466 tons asphaltic road material, Type 95;
- (19) 787 tons do, Type SC-2;
- (20) 230 tons emulsified asph., penetration;
- (21) 1,650 tons screenings;
- (22) 1,150 tons sand for prime coat;
- (23) 355 cu. y. Class A concrete;
- (24) 67 cu. y. Class B concrete;
- (25) 37,120 lbs. reinforcing steel;
- (26) 51 MFBM redwood;

- (27) 176 lf. 15-in. corr. metal pipe (dipped);
- (28) 2,036 lf. 18-in. do.;
- (29) 32 lf. 21-in. do.;
- (30) 834 lf. 24-in. do.;
- (31) 182 lf. 30-in. do.;
- (32) 162 lf. 36-in. do.;
- (33) 260 lf. relay culvert pipe;
- (34) 65 each move pipe culvert head-walls;
- (35) lump sum, move obstructions;
- (36) 1,000 hours, pumping water;
- (37) 4,350 lf metal guard rail;
- (38) 174 each monuments;
- (39) 124 each culvert markers;
- (40) 30 each guide posts;
- (41) 133,900 lf. construct fence;
- (42) 23 each 16-ft. stand. steel gates;
- (43) 5,700 lbs. castings;
- (44) 16.98 miles salvage and relay surface;
- (45) 500 hours motor grazer;
- (46) 150 hours, 75-hp. crawler type tractor;
- (47) 150 hours, 10-ft. blade grader;
- (48) 100 hours, 75-hp. tractor with carriage;
- (49) 800 hours, 11-ton truck;
- (50) 860 hours, pilot car.

Total bids follow:

(A) Utah Const. Co., Ogden, \$476,245.00.

(B) Morrison - Knudsen Co., Boise, Idaho, \$497,040.18.

(C) Isbell Const. Co., Reno, \$507,682.85.

(D) Dodge Construction, Inc., Fallon, \$519,821.10.

(E) Hoops Const. Co., Twin Falls, \$537,661.90.

(F) George Pollock Co., Sacramento, \$549,753.45.

(G) Engineer's estimate, \$459,383.85

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$.02	\$.015	\$.03	\$.02	\$.02	\$.03	\$.03
(2)	.50	.50	.60	1.00	1.00	.60	1.00
(3)	5.00	6.50	5.00	5.00	3.00	10.00	5.00
(4)	25.00	30.00	50.00	100.00	50.00	150.00	50.00
(5)	33	36	35	37	33	44	35
(6)	33	36	35	32	35	35	32
(7)	.01	.01	.01	.02	.02	.005	.01
(8)	20	10	10	20	20	25	10
(9)	1.50	1.00	1.50	1.50	1.25	1.25	1.25
(10)	75.00	100.00	100.00	200.00	100.00	300.00	75.00
(11)	75.00	100.00	100.00	200.00	100.00	200.00	75.00
(12)	200.00	100.00	100.00	200.00	100.00	200.00	150.00
(13)	.50	.50	.43	.45	.50	.50	.45
(14)	1.10	1.06	1.15	1.25	1.70	1.15	1.10
(15)	1.70	1.50	1.50	1.65	1.90	1.50	1.40
(16)	.60	.75	.63	.75	.65	.75	.60
(17)	1.25	1.50	1.50	1.25	1.25	2.00	1.00
(18)	19.00	23.00	21.00	21.70	22.00	20.00	21.00
(19)	18.00	18.00	20.00	17.70	18.00	17.00	19.00
(20)	23.00	26.00	27.00	27.00	23.25	27.00	24.00
(21)	2.00	2.50	2.90	3.00	3.00	3.00	3.00
(22)	2.00	2.50	1.50	1.50	3.00	3.00	1.50
(23)	27.00	30.00	27.50	30.00	28.00	30.00	25.00
(24)	28.00	30.00	27.50	30.00	28.00	40.00	27.00
(25)	.06	.07	.065	.06	.06	.07	.06
(26)	120.00	120.00	120.00	125.00	125.00	130.00	110.00
(27)	1.60	1.80	1.50	1.75	2.00	2.00	1.75
(28)	2.00	2.25	2.25	2.50	2.25	2.50	2.00
(29)	2.50	2.50	2.70	3.00	2.50	3.00	2.50
(30)	3.00	3.20	3.40	3.50	3.00	3.50	2.50
(31)	4.00	4.00	4.05	4.00	3.50	4.50	3.25
(32)	5.50	5.00	6.05	6.00	5.25	5.50	5.00
(33)	10.00	10.00	10.00	3.00	7.50	20.00	10.00
(34)	100.00	500.00	600.00	500.00	750.00	500.00	1000.00
(35)	1.50	5.00	4.00	4.00	3.00	5.00	1.50
(36)	1.50	5.00	4.00	4.00	3.50	1.50	1.15
(37)	1.10	1.15	1.15	1.20	1.50	1.50	1.15
(38)	2.50	2.50	3.50	3.50	3.00	1.00	3.00
(39)	2.50	2.00	3.50	2.25	3.50	3.50	2.50
(40)	2.50	2.00	3.50	2.00	3.50	3.00	2.5
(41)	.10	.11	.115	.12	.12	.15	.09
(42)	20.00	40.00	25.00	25.00	30.00	25.00	16.00
(43)	.15	.20	.15	.12	.12	.10	.15
(44)	700.00	600.00	1000.00	1200.00	880.00	500.00	1000.00
(45)	4.00	4.00	5.00	3.50	4.00	5.00	4.00
(46)	5.00	5.00	6.00	5.00	7.00	7.00	5.00
(47)	1.00	1.00	2.00	1.50	2.00	2.00	1.00
(48)	7.00	7.50	8.00	7.50	8.00	8.00	6.00
(49)	2.00	2.50	2.00	2.00	2.00	2.00	1.50
(50)	1.50	1.50	1.50	1.625	1.75	1.60	1.50

a circular steel water tank, 100,000-gal. capacity, to be erected on a gravel foundation prepared by the Government at Government Camp at Friant Dam, Central Valley Project, about 22 miles north of Fresno. Complete bids published Mar. 4.

#### BIDS OPENED

**SAN FRANCISCO.**—San Francisco Water Department, 425 Mason St., at \$2,022.50, submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 139, for relaying of city pumps discharge main at Ocean View Gulch, San Francisco.

The work includes the relaying of approximately 375 ft. of 23-in. steel

pipe and the laying of 155 lf. of 24-in. steel pipe at Ocean View Gulch.

The work involves:

- (1) 530 lf. excav. and backfill for trench, for 23-in. and 24-in. diam. pipe;
  - (2) 25 c.y. additional excavation and backfill for trench below grade;
  - (3) Installation of steel pipe:
    - (a) 375 lf. 23-in. diam.;
    - (b) 155 lf. 24-in. diam.;
  - (4) Six roundabout seams, fabrication of bends, from 23-inch and 24-inch diameter pipe.
- Total bids follow:
- |                                    |            |
|------------------------------------|------------|
| (A) San Francisco Water Department | \$2,022.50 |
| (B) Chas. L. Harney, S. F.         | 2,810.00   |
| (C) E. J. Treacy, S. F.            | 3,752.20   |

(D) M. J. Lynch, S. F. .... 4,922.00  
(E) Sibley Grading & Team-  
ing Co., S. F. .... 4,994.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$2.10	\$3.00	\$3.44	\$7.00	\$5.75
(2).....	2.00	2.00	5.00	6.00	5.00
(3a).....	1.45	2.10	3.00	2.00	3.50
(3b).....	1.45	2.50	3.30	2.00	2.50
(4).....	15.00	25.00	15.00	12.00	12.50

N. A. ECKART, Chief Engineer.

#### CONTRACT AWARDED

REDDING, Shasta Co., Calif.—Lindo Nursery, Chico, at \$2,579, awarded contract by the Procurement Division for seeding and planting the grounds of the U. S. Post Office at Redding.

### SAN BERNARDINO CO.—GENE WASH & COPPER BASIN DAMS—(District)

**SAN BERNARDINO CO., Calif.**—J. F. Shea Co., Inc., 617 South Olive St., Los Angeles, at \$594,207.51, as previously reported, submitted low bid to the Metropolitan Water District, Los Angeles, under Specification No. 190, for the construction of the Gene Wash and Copper Basin Dams.

The work is located in San Bernardino County, 13 to 20 miles by road northeast of Earp, Calif., and is comprised in two schedules as follows: Award will not be made to more than one bidder nor for less than all the items of the work.

**Schedule 1:** Includes the construction of a concrete arch dam at Gene Wash with a maximum height of about 156 feet and a crest length of 430 ft.; an ogee concrete spillway dam with non-overflow gravity extensions having a maximum height of about 34 ft., and a total length of 460 feet; and two reinforced concrete faced dykes with a maximum height of 25 ft. and a total length of 1360 ft.

**Schedule 2:** Includes the construction of a concrete arch dam across the outlet of Copper Basin, with a maximum height of about 210 ft. and a crest length of 220 ft.; an ogee concrete spillway dam with non-overflow gravity extensions for Copper Basin Reservoir, having a maximum height of about 18 ft. and a length of 290 ft.; and a reservoir outlet structure at the entrance to the Whipple Mountain tunnel.

The work involves:

#### SCHEDULE 1

Construction of the Gene Wash dam spillway, and appurtenant works.

- (1) 6,500 c.y. excav., unclass., for foundation of dam;
- (2) 11,000 c.y. excav., unclass., for foundation and approach to spillway;
- (3) Does not apply here;
- (4) 4,000 c.y. excav., unclass., for earthfill dike;
- (5) 600 c.y. excav., unclass., for cut-off wall—earth-fill dike;
- (6) 10,500 c.y. earth fill in reservoir dike;
- (7) 1,500 c.y. backfill;
- (8) 50 c.y. compacted backfill;
- (9) 5,000 lf. drilling grout and anchor-holes; footage not more than 25 feet deep;
- (10) 1,000 lf. drilling grout holes; footage more than 25 and not more than 50 feet deep;
- (11) 375 lf. drilling grout holes; footage more than 50 and not more than 100 feet deep;
- (12) 13,000 lbs. installing grout pipes and fittings for dam and spillway foundations;
- (13) 1,000 lbs. installing grout pipes and fittings for contraction joints;

- (14) 21,000 lbs. installing metal tubing, pipe, and fittings for concrete cooling system;
- (15) Furnishing, installing, and operating concrete cooling plant complete, lump sum;
- (16) 6,500 cu. ft. pressure grouting; foundations;
- (17) 225 cu. ft. pressure grouting; contraction joints and cooling pipes;
- (18) 13,000 c.y. concrete in dam;
- (19) 3,200 c.y. concrete in spillway;
- (20) 500 c.y. concrete paving on dike;
- (21) 700 c.y. concrete in cut-off wall & dike;
- (22) Does not apply here;
- (23) 20 c.y. concrete in trash rack structure for dam;
- (24) 160 c.y. concrete in valve house structure for dam;
- (25) 110 c.y. concrete in parapet and railing overhang;
- (26) Does not apply here;
- (27) 75 c.y. gunite or equivalent coating of rock;
- (28) 52,700 lbs. fabricating and placing reinforcement steel and anchor bars;
- (29) 35,000 lbs. installing metal sealing strips in construction and contraction joints of dam and spillway;
- (30) 20,000 lbs. installing cast-iron sluiceway pipe;
- (31) Does not apply here;
- (32) 30,000 lbs. installing trash rack metal work in sluiceway;
- (33) 25,000 lbs. installing sluiceway slide gate and operating mechanism;
- (34) Does not apply here;
- (35) 25,000 lbs. installing discharge valve and operating mechanism for dam;
- (36) 15,000 lbs. installing miscellaneous metal work;
- (37) 11,000 lbs. installing pipe hand-railings;
- (38) Does not apply here;
- (39) 7,500 ton-miles hauling steel;
- (40) 92,000 ton-miles hauling cement;
- (41) Overhaul of concrete aggregates, fixed at seven cents (\$0.07) per ton-mile;
- (42) Clearing reservoir site, lump sum.

#### SCHEDULE 2

Construction of the Copper Basin dam, spillway, and appurtenant works.

- (1) 5,500 c.y. excav., unclass., for foundation of dam;
- (2) 4,500 c.y. excav., unclass., for foundation and approach to spillway;
- (3) 1,000 c.y. excav., unclass., in reservoir outlet works;
- (4) to (6) Do not apply here;
- (7) 4,500 c.y. backfill;
- (8) 1,500 c.y. compacted backfill;
- (9) 4,500 lf. drilling grout and anchor holes; footage not more than 25 feet deep;

- (10) 1,300 lf. drilling grout holes; footage more than 25 and not more than 50 feet deep;
- (11) 375 lf. drilling grout holes; footage more than 50 and not more than 100 feet deep;
- (12) 12,000 lbs. installing grout pipes and fittings for dam and outlet foundation;
- (13) 4,500 lbs. installing grout pipes and fittings for contraction joints;
- (14) 20,000 lbs. installing metal tubing, pipe, and fittings for concrete cooling system;
- (15) Furnishing, installing, and operating concrete cooling plant complete, lump sum;
- (16) 6,100 cu. ft. pressure grouting—foundations;
- (17) 210 cu. ft. pressure grouting—contraction joints and cooling pipes;
- (18) 14,000 c.y. concrete in dam;
- (19) 450 c.y. concrete in spillway;
- (20) and (21) Do not apply here;
- (22) 2,215 c.y. concrete in reservoir outlet structure exclusive of superstructure;
- (23) 25 c.y. concrete in trash rack structure for dam;
- (24) 190 c.y. concrete in valve house structure for dam;
- (25) 60 c.y. concrete in parapet and railing overhang;
- (26) Constructing gate house superstructure above elevation 1042 for outlet work complete, lump sum;
- (27) 40 c.y. gunite or equivalent coating of rock;
- (28) 500,000 lbs. fabricating and placing reinforcement steel and anchor bars;
- (29) 25,000 lbs. installing metal sealing strips in contraction joints of dam;
- (30) 40,000 lbs. installing cast-iron sluiceway pipe;
- (31) 50,000 lbs. installing trash rack metal work in outlet works;
- (32) 45,000 lbs. installing trash rack metal work in sluiceway;
- (33) 40,000 lbs. installing sluiceway slide gate and operating mechanism;
- (34) 150,000 lbs. installing slide gate and operating mechanism for outlet works;
- (35) 30,000 lbs. installing discharge valve and operating mechanism for dam;
- (36) 50,000 lbs. installing miscellaneous metal;
- (37) 6,000 lbs. installing pipe hand-railings;
- (38) 1,800 lbs. installing electrical metal conduit and boxes;
- (39) 6,000 ton-miles hauling steel;
- (40) 60,000 ton-miles hauling cement;
- (41) Overhaul of concrete aggregate, fixed at seven cents (\$0.07) per ton-mile;
- (42) Clearing reservoir site, complete, lump sum.

- (43) 1,300 lf. drilling grout holes; footage more than 25 and not more than 50 feet deep;
- (44) 375 lf. drilling grout holes; footage more than 50 and not more than 100 feet deep;
- (45) 12,000 lbs. installing grout pipes and fittings for dam and outlet foundation;
- (46) 4,500 lbs. installing grout pipes and fittings for contraction joints;
- (47) 20,000 lbs. installing metal tubing, pipe, and fittings for concrete cooling system;
- (48) 6,100 cu. ft. pressure grouting—foundations;
- (49) 210 cu. ft. pressure grouting—contraction joints and cooling pipes;
- (50) 14,000 c.y. concrete in dam;
- (51) 450 c.y. concrete in spillway;
- (52) and (53) Do not apply here;
- (54) 2,215 c.y. concrete in reservoir outlet structure exclusive of superstructure;
- (55) 25 c.y. concrete in trash rack structure for dam;
- (56) 190 c.y. concrete in valve house structure for dam;
- (57) 60 c.y. concrete in parapet and railing overhang;
- (58) Constructing gate house superstructure above elevation 1042 for outlet work complete, lump sum;
- (59) 40 c.y. gunite or equivalent coating of rock;
- (60) 500,000 lbs. fabricating and placing reinforcement steel and anchor bars;
- (61) 25,000 lbs. installing metal sealing strips in contraction joints of dam;
- (62) 40,000 lbs. installing cast-iron sluiceway pipe;
- (63) 50,000 lbs. installing trash rack metal work in outlet works;
- (64) 45,000 lbs. installing trash rack metal work in sluiceway;
- (65) 40,000 lbs. installing sluiceway slide gate and operating mechanism;
- (66) 150,000 lbs. installing slide gate and operating mechanism for outlet works;
- (67) 30,000 lbs. installing discharge valve and operating mechanism for dam;
- (68) 50,000 lbs. installing miscellaneous metal;
- (69) 6,000 lbs. installing pipe hand-railings;
- (70) 1,800 lbs. installing electrical metal conduit and boxes;
- (71) 6,000 ton-miles hauling steel;
- (72) 60,000 ton-miles hauling cement;
- (73) Overhaul of concrete aggregate, fixed at seven cents (\$0.07) per ton-mile;
- (74) Clearing reservoir site, complete, lump sum.

Total bids follow:

	Schedule 1	Schedule 2	Total
(A) J. F. Shea Co., Inc., Los Angeles	\$24,062.50	\$310,145.00	\$594,207.51
(B) Metropolitan Construction Company, Los Angeles	319,795.00	311,305.00	631,600.00
(C) Utah Construction Company, San Francisco	316,163.00	321,710.00	637,873.00
(D) Morrison-Knudsen Company, Los Angeles	333,827.50	350,500.00	684,327.50
(E) Basich Brothers, Torrance	381,456.55	353,272.20	734,728.75
(F) E. H. Latham Company, Miami, Florida	374,741.10	369,965.30	744,706.40
(G) D. W. Thurston, Los Angeles	400,252.50	415,316.75	815,569.25
(H) Walsh Construction Company, Los Angeles	425,058.75	405,999.00	831,048.75
(I) United Concrete Pipe Corporation, Los Angeles	420,308.00	435,320.00	855,628.00
(J) L. E. Dixon Company, Los Angeles, and Case Construction Co., Alhambra	436,158.25	423,675.00	859,833.25

Unit bids follow:

SCHEDULE 1

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$3.50	\$5.00	\$5.00	\$5.90	\$5.55	\$13.00	\$8.00	\$7.20	\$5.60	\$5.00
(2)	3.50	2.00	2.30	1.75	1.40	2.50	2.00	3.65	2.00	4.15
(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(4)	25	50	50	50	2.20	.35	50	.60	1.23	3.25
(5)	5.00	3.00	2.30	3.00	3.40	1.00	6.00	8.60	4.00	5.30
(6)	.50	.50	.50	.80	.45	.60	.50	.55	1.00	1.00
(7)	.50	.50	.25	.50	.35	.25	.35	.40	.80	.60
(8)	1.00	1.00	.60	1.50	1.37	.50	.65	.85	2.50	1.00
(9)	1.00	1.00	1.20	1.25	1.37	1.00	1.85	.75	1.00	1.25
(10)	2.50	2.00	1.80	2.30	2.00	1.25	2.75	2.50	2.50	2.25
(11)	3.00	4.00	2.30	3.80	2.75	1.50	4.50	2.75	5.00	3.00
(12)	.10	.10	.07	.05	.047	.15	.15	.12	.20	.10
(13)	.10	.10	.07	.10	.047	.23	.15	.15	.40	.10
(14)	.10	.10	.09	.09	.04	.15	.27	.12	.30	.08
(15)	15,000.00	8,000.00	14,000.00	15,000.00	15,000.00	14,577.00	25,000.00	12,000.00	27,000.00	10,000.00
(16)	1.50	1.50	1.50	1.50	2.75	1.00	1.80	2.45	1.30	1.25
(17)	1.50	2.00	1.70	2.00	4.10	2.00	1.80	4.00	2.00	1.25
(18)	7.00	10.00	9.80	10.00	12.30	10.21	10.35	12.15	13.23	13.40
(19)	7.50	10.00	9.20	12.00	14.00	11.27	14.00	12.00	12.72	16.00
(20)	7.50	10.00	11.50	10.00	11.61	12.27	10.85	13.75	13.00	18.00
(21)	7.50	10.00	7.00	8.00	21.25	12.47	9.50	12.50	12.00	13.50
(22)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(23)	30.00	25.00	28.00	35.00	16.67	16.27	33.50	25.25	30.00	42.25
(24)	25.00	15.00	34.00	27.00	19.34	16.27	22.50	22.50	31.00	28.00
(25)	30.00	25.00	28.00	40.00	45.00	21.50	30.75	29.50	41.00	63.30
(26)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(27)	50.00	30.00	23.00	35.00	30.00	35.00	11.00	34.00	30.00	30.00
(28)	.025	.02	.014	.0123	.0175	.015	.02	.02	.02	.02
(29)	.15	.03	.20	.10	.04	.09	.35	.25	.20	.30
(30)	.025	.03	.04	.03	.03	.01	.07	.03	.08	.02
(31)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(32)	.025	.03	.04	.03	.02	.015	.035	.03	.08	.02
(33)	.025	.03	.04	.04	.04	.01	.11	.04	.05	.035
(34)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(35)	.03	.03	.04	.04	.04	.01	.09	.04	.05	.035
(36)	.10	.03	.08	.10	.05	.05	.11	.06	.14	.05
(37)	.10	.03	.08	.08	.11	.05	.08	.11	.15	.07
(38)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(39)	.10	.05	.08	.12	.10	.10	.06	.12	.30	.15
(40)	.10	.05	.08	.10	.12	.10	.08	.11	.15	.05
(41)	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
(42)	5,750.00	3,000.00	6,600.00	8,000.00	4,600.00	5,000.00	15,000.00	8,000.00	6,900.00	8,750.00

SCHEDULE 2

(1)	3.50	8.00	4.20	5.90	5.55	13.00	8.00	7.20	6.00	4.55
(2)	3.50	2.00	2.00	3.00	1.40	2.50	2.00	3.90	2.50	3.75
(3)	6.00	2.00	2.00	3.00	2.20	7.50	2.75	6.00	2.50	5.00
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(6)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(7)	1.00	.50	.25	.50	.35	.35	.35	.40	1.00	.60
(8)	1.50	.60	.60	1.00	1.25	.70	.65	.85	2.00	1.00
(9)	1.00	1.00	1.20	1.25	1.37	1.00	1.85	.75	1.00	1.25
(10)	2.50	2.00	1.80	2.30	2.00	1.25	2.75	2.50	2.50	2.25
(11)	3.00	4.00	2.30	3.80	2.75	1.50	4.50	2.75	5.00	3.00
(12)	.10	.10	.07	.05	.047	.15	.15	.12	.20	.10
(13)	.10	.10	.07	.10	.047	.23	.15	.15	.40	.10
(14)	.10	.10	.09	.09	.04	.15	.27	.12	.30	.08
(15)	15,000.00	8,000.00	14,000.00	15,000.00	15,000.00	15,000.00	25,000.00	12,000.00	28,000.00	10,000.00
(16)	1.50	1.50	1.50	1.50	2.75	1.00	1.80	2.45	1.30	1.25
(17)	1.50	2.00	1.70	2.00	4.10	2.00	1.80	4.00	2.00	1.25
(18)	7.00	10.00	9.80	10.00	12.30	10.21	10.35	12.15	13.23	13.40
(19)	7.50	10.00	9.20	12.00	14.00	11.27	14.00	12.00	12.72	16.00
(20)	7.50	10.00	11.50	10.00	11.61	12.27	10.85	13.75	13.00	18.00
(21)	7.50	10.00	7.00	8.00	21.25	12.47	9.50	12.50	12.00	13.50
(22)	25.00	16.00	20.70	18.00	15.00	14.32	25.00	19.50	19.00	25.00
(23)	25.00	25.00	28.00	36.00	38.69	17.00	33.00	25.25	30.00	48.00
(24)	25.00	15.00	34.00	27.00	19.33	17.00	21.50	22.50	31.00	28.00
(25)	30.00	25.00	40.00	45.00	45.00	24.70	32.00	29.00	41.00	67.40
(26)	11,000.00	6,000.00	4,700.00	5,000.00	5,908.00	5,169.00	7,500.00	6,700.00	6,000.00	7,600.00
(27)	50.00	25.00	23.00	35.00	30.00	35.00	11.00	34.00	30.00	30.00
(28)	.025	.02	.014	.015	.0175	.015	.02	.02	.02	.02
(29)	.10	.03	.20	.10	.04	.03	.01	.07	.02	.08
(30)	.025	.03	.04	.03	.02	.015	.025	.03	.08	.02
(31)	.025	.03	.04	.03	.02	.015	.025	.03	.08	.02
(32)	.025	.03	.04	.03	.02	.015	.025	.03	.08	.02
(33)	.025	.03	.04	.04	.04	.01	.11	.04	.05	.035
(34)	.03	.03	.03	.025	.04	.027	.07	.04	.04	.035
(35)	.03	.03	.04	.04	.04	.01	.09	.04	.04	.035
(36)	.10	.03	.05	.05	.11	.05	.11	.06	.10	.05
(37)	.10	.03	.05	.05	.11	.05	.11	.06	.10	.05
(38)	.10	.03	.05	.05	.11	.05	.11	.06	.10	.05
(39)	.10	.05	.05	.15	.15	.10	.08	.12	.40	.15
(40)	.10	.05	.05	.15	.15	.10	.08	.12	.40	.15
(41)	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
(42)	10,875.00	5,000.00	12,500.00	15,000.00	8,700.00	16,313.00	27,500.00	15,600.00	16,600.00	13,875.00

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other P

ublic agencies.

## WAR DEPARTMENT

**FORT MASON**—Until March 30, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-84, for cement-lined steel pipe, galvanized steel pipe, cement-lined malleable fittings, plumbing fixtures, etc.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital.

Specifications obtainable from the above office.

**BONNEVILLE, Oregon**—Until April 2, 3 p. m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, Lieut.-Col. Chas. F. Williams, District Engineer, under Bid No. 684-37-315, for furnishing non-metallic sheathed cables for the Bonneville project, as follows:

**Non-Metallic Sheathed Underground Cables:**

- (1) 1300 ft. cable, 1-conductor No. 12, including reel; 1 ea., value of reel;
- (2) 700 ft. cable, 2-conductor No. 12, including reel; 1 ea., value of reel;
- (3) 2500 ft. cable, 1-conductor No. 10, including reel; 1 ea., value of reel;
- (4) 700 ft. cable, 2-conductor No. 10, including reel; 1 ea., value of reel;
- (5) 600 ft. cable, 3-conductor No. 10, including reel; 1 ea., value of reel;
- (6) 700 ft. cable, 7-conductor No. 10, including reel; 1 ea., value of reel;
- (7) 900 ft. cable, 9-conductor No. 10, including reel; 1 ea., value of reel;
- (8) 900 ft. cable, 12-conductor No. 10, including reel; 1 ea., value of reel;
- (9) 600 ft. cable, 3-conductor No. 8, including reel; 1 ea., value of reel;
- (10) 500 ft. cable, 3-conductor No. 00, including reel; 1 ea., value of reel;

**Non-Metallic Sheathed Portable Cables:**

- (11) 700 ft. cable, 3-conductor No. 10, including reel; 1 ea., value of reel;
- (12) 700 ft. cable, 9-conductor No. 10, including reel; 1 ea., value of reel;
- (13) 700 ft. cable, 12-conductor No. 10, including reel; 1 ea., value of reel;
- (14) 600 ft. cable, 2-conductor No. 8, including reel; 1 ea., value of reel;
- (15) 600 ft. cable, 4-conductor No. 4, including reel; 1 ea., value of reel.

Bids will be taken as follows:

"A"—Delivery f.o.b. railroad cars at bidder's specified shipping point for shipment under Government bills of lading to be furnished by the Government;

"B"—Delivery f.o.b. railroad cars at Bonneville, Oregon, transportation cost to be borne by bidder.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until March 20, 3 P. M., bids will be received by U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-180, for furnishing carriage bolts, brass screws, stove pipe, etc.

Delivery fob Rio Vista. Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 3, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason under Bid No. 928-37-343, for furnishing 75 garbage cans, without covers, hot dipped galvanized.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 2, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason under Bid No. 928-37-342, for furnishing one fire horn siren, double head, electric motor, 220-volts, A.C. 7½-h.p., 2-phase, 4-wire, 60-cycles with magnetic starter and push button control, for shipment to the Quartermaster, Philippine Dept., Manila.

Specifications obtainable from the above office.

**FORT MASON**—Until April 1, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-86, for furnishing lighting fixtures.

Delivery f.o.b. Bldg. No. 59, Letterman General Hospital.

Specifications obtainable from the above office.

**FORT MASON**—Until April 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-341, for furnishing motorcycle repair parts, etc.

Materials are for shipment to the Honolulu.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until Mar. 31, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. D. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-190, for furnishing 2,000 ft. of standard hoisting rope of high grade uncoated plow steel; 6 strands, 19 wires to the strand; fiber core.

Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

**SACRAMENTO**—Until April 22, 2 p. m., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, Sacramento (P. O. Box 1649), under Bid No. 6870-37-20, for furnishing equipment for the Utilities Shops at the Air Depot.

Bids will be taken as follows:

- (1) 1 saw bench, Universal, 16-in.;
- (2) 1 saw, band, 36-in.;
- (3) 1 horer, vertical, single spindle;
- (4) 1 surfacer, single cylinder, 24-in. x 6-in.;
- (5) 1 jointer, 9-in.;
- (6) 1 lathe, speed 12-in., 60-in. bed;
- (7) 1 shaper, single spindle;
- (8) 1 grinder, pedestal type, 2-in. x 12-in.;
- (9) 1 trimmer, wood, 15-in. x 6-in.;
- (10) 1 machine, pipe, portable;
- (11) 1 brake, cornc, 96-in.;
- (12) 1 machine, forming, 36-in.;
- (13) 1 folder and brake, 36-in.;
- (14) 1 shears, squaring, 36-in.;
- (15) 1 plate, bench, with stakes;
- (16) 1 machine, heading and crimping;
- (17) 1 machine, turning and wiring;

- (18) 1 furnace, gas;
- (19) 1 furnace, 1-in. floor type;
- (20) 1 drill, ½-in., portable with bench stand;
- (21) 2 each, vises, bench type;
- (22) 1 vise, pipe.

All equipment shall be delivered within 60 days from date of receipt of award, f.o.b. Sacramento Air Depot.

Specifications obtainable from the above office.

**FORT MASON**—Until April 6, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-345, for furnishing jute and hemp twine.

Specifications obtainable from the above office.

**SACRAMENTO**—Until April 2, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-191, for furnishing and delivering miscellaneous castings, etc., f.o.b. Rio Vista, as follows:

- (1) 75 each, 20-in. dredge shore pipe taper ends;
- (2) 3 each dredge pump casings;
- (3) 2 each, dredge pump impellers;
- (4) One lot cutter head bearings (8 half bushings).

Specifications obtainable from the above office.

**FORT MASON**—Until April 6, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-344, for furnishing 10,000 ft. b.m. Douglas fir lumber, No. 2 common, rough.

Specifications obtainable from the above office.

**SAN FRANCISCO**—Until April 2, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-219, for furnishing two 4-inch automatic flushing sewage siphons, for flushing septic tanks of a sewage disposal system to be constructed at Fort Funston.

Delivery fob Fort Funston. Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. 928-37-346, for furnishing chemical hand, carbon tetrachloride type fire extinguishers, one weighing scale, etc.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until Mar. 20, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-188, for furnishing douglas fir lumber, clear pine, oak, and lathing.

Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until April 2, 10 A. M., bids will be received by the Contracting Officer, Fort Lewis, under Bid No. 488-37-45, for furnishing angle iron, solder, sheet iron, with pipe, valves, etc.

Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES—Until April 5, 4 p. m., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for furnishing 40,700 lbs. f. conduit, f.o.b. 15th and San Julian Sts. Bid No. 774-A.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

April 14, 2 P. M.  
BID NO. 4532—200 U. S. standard, wool hunting flags, 5x9 1/2 ft.; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

## OAKLAND CITY

OAKLAND, Alameda Co., Calif.—Until March 30, 1 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing one motor truck chassis and two gasoline-driven road rollers.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:  
April 2, 10 A. M.

BID NO. 3559—Millwork; f.o.b. Marysville.

BID NO. 3590—Millwork; f.o.b. Winters.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:  
March 29, 10 A. M.

BID NO. 3610—450 sacks portland cement, 65 tons crushed rock, and 50 tons concrete sand; f.o.b. Roosevelt Elementary School, Kingsburg.

BID NO. 3611—50,000 ft.b.m. Douglas Fir lumber; f.o.b. Havelock and Edna Sts., San Francisco.

BID NO. 3609—2,500 lf. metal lath, 60 sq. yds. expanded metal lath, and 1600 sq. yds. gypsum plaster board; f.o.b. Roosevelt Elementary School, Kingsburg.

BID NO. 3620—2,000 sacks portland cement; f.o.b. East Contra Costa Irrigation Dist. Warehouse, 1.5 mi. southeast of Brentwood.

BID NO. 3619—850 sacks portland cement; f.o.b. Corp. Yard No. 1, 501 Fifth Ave., Oakland.

March 30, 10 A. M.  
BID NO. 3608—Hardware; f.o.b. Zoological Gardens, Sunset Blvd. near Skyline, San Francisco.

BID NO. 3612—2,667 ft.b.m. maple flooring; f.o.b. Rosedale Grammar School, Rosedale.

BID NO. 3613—7,500 ft.b.m. Douglas Fir lumber; f.o.b. Greenville, Phumas County.

March 31, 10 A. M.  
BID NO. 3617—Cable, cable connectors, conduit, and miscellaneous electric supplies; f.o.b. Winters. Specifications obtainable from the above office.

## CANAL ZONE

PANAMA CANAL ZONE.—Until April 5, 10:30 A. M., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sched. No. 3233, for furnishing Southern yellow pine and Douglas fir lumber, timbers and screening strips.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE.—Until April 2, 10:30 A. M., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sched. No. 3236, for furnishing 60,000 bbls. hunker C fuel oil, f.o.b. Cristobal.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE.—Until April 12, 10:30 a. m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Bid No. 3234, for the sale of scrap metals and scrap manila rope offered for sale by the Panama Canal.

Further information obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## SAN JOAQUIN COUNTY

LODI, San Joaquin Co., Calif.—Until March 29, 7 p. m., bids will be received by the Lodi City Council, J. F. Blakely, City Clerk, for furnishing:

- (1) 3,300 lf. 8-in. Class 150, cast-iron pipe;
- (2) Nine 8x8x6-in. cast-iron tees;
- (3) Five 8x8x6-in. three-bell tees;
- (4) Three 8x8-in. three-bell tees;
- (5) Nine fire hydrants.

Specifications obtainable from the above office.

## EAST FAY UTILITY DIST.

OAKLAND, Cal.—Until March 31, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows:  
Informal Proposal No. 260: 50 tons pig lead;

Informal Proposal No. 261: 50,000 lf. 7-in. copper water service tubing;

Spec. No. L.S. 191: 20,000 lf. 6-inch dia. Class 150, cast iron pipe; 8,000 lf. 8-in. dia., Class 250, cast iron pipe, and 1,000 lf. 20-in. dia., Class B cast iron pipe.

Specifications obtainable from the above office.

## ALAMEDA COUNTY

OAKLAND, Alameda Co.—Until April 13, 10:30 A. M., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, Clerk, Hall of Records, Oakland, for furnishing and installing metal shelving and special metal office furniture in the offices of the auditor, treasurer, tax collector, assessor, surveyor and sheriff, in the new County Court House and Hall of Records, 12th and Fallon Streets, Oakland.

Specifications obtainable from the above office upon deposit of \$25.

## RECLAMATION SERVICE

BOULDER CANYON PROJECT.—Until April 6, 2 P. M., bids will be received by the Oakland Port Commission, Denver, under Spec. No. 903-D, for furnishing and delivering f.o.b.

cars at the shipping point and/or Potholes, Calif., cast-iron slot tips for installation in influent channels of the desilting works at the Imperial Dam, All-American canal system Boulder Canyon Project. The slot tips will be installed by the Government.

Specifications obtainable from the above office without charge to bona fide bidders; to others, \$0.50, non-returnable.

RIO GRANDE PROJECT, N. M., TEXAS.—Until April 5, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 904-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Hatch, New Mexico, plate-steel venturi-meter and appurtenances for the installation in the outlet works at the Caballo Dam, Rio Grande Project, New Mexico-Texas. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to bona fide bidders; to others, \$0.50, non-returnable.

CASPER-ALCOVA PROJECT, Wyoming.—Until April 5, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 905-D, for furnishing and delivering f.o.b. cars at the shipping and/or destination, approximately 69,000 bbls. of modified portland cement for the Casper canal and the Seminoe Dam, Casper-Alcova Project, Wyoming.

Specifications obtainable from the above office without charge to bona fide bidders; to others, \$0.25, non-returnable.

## MET. WATER DISTRICT

LOS ANGELES.—Until April 12, 2 p. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 11,000-volt, 3-conductor, paper-insulated, lead-covered cable, as follows:  
(1) 14,000 lf. 750,000 c.m.;  
(2) 1,160 lf. No. 2 AWG.

Certified or cashier's check, \$5,000, must accompany bid. Spec. No. 198.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1765, for furnishing 20,000 ft. single conductor No. 8 AWG solid copper wire, insulated for 5,000 volts.

Specifications obtainable from the above office.

## OAKLAND PORT COMMISSION

OAKLAND, Alameda Co., Calif.—Until April 6, 4 p. m., bids will be received by the Oakland Port Commission, A. H. Abel, Secretary, foot of Grove St., Oakland, for furnishing one heavy duty truck for use at the Oakland Airport.

Specifications obtainable from the above office.

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## IN THIS ISSUE



Pomeroy Low Bidder For  
Span Rail Job



*Bell, Howkins Bid Tuolumne Contracts*



Building Permits, Advance Reports  
of Building and Engineering  
Projects

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**



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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., APRIL 3, 1937

No. 11

## BUREAU OPENS BIDS FOR TWO TUOLUMNE JOBS

### Ralph Bell Low on Grading; Howkins Bids Bridge

Bids for more than \$134,000 worth of construction work in Tuolumne County were opened in the office of the Bureau of Public Roads yesterday, with Ralph A. Bell and B. A. Howkins low bidders on two contracts.

Ralph A. Bell, Portland, at \$101,494.20, submitted the low bid for grading and placing subgrade reinforcement on 2.1 miles of Section A, Route 2 of the Tioga Road. No other bids were received. Bell qualified his bid with the stipulation that if he receives a recommended award on a General Grant approach road contract, his bid will be withdrawn. District Engineer C. H. Sweetser recommended that the award be made March 15. Bell's bid on the job was \$366,191.20. Confirmation is expected from Washington within the next few days.

Principal items in the contract are: 46,000 cubic yards of unclassified excavation on which Bell bid \$1.65 per cubic yard; 5,500 cubic yards sod excavation at 75c per cubic yard, and 1410 feet of CMP at various prices.

### Bridge Contract

The second job, for constructing the South Fork of the Tuolumne River bridge and approaches on Section A1, Route 4 of the Tioga Road, attracted five bidders. Prices ranged from \$32,608.50 to \$35,810.

B. A. Howkins, San Francisco, submitted the low bid of \$32,608.50. Second low was Parish Bros., Hollywood, at \$33,476. E. T. Lesure, Ralph A. Bell and John Rocca followed in the order named.

### BURNER STOCKS DOUBLE

Stocks of distillate oil burners on hand at the end of January, 1937, amounted to 40,417 units, more than twice the stock recorded for the end of January, 1936 which totalled 20,165 units, according to the monthly report of the Bureau of Census.

## J. H. Pomeroy Low Bidder at \$536,960 For Eastbay Yard Superstructure Job

With a total proposal of \$536,960, J. H. Pomeroy & Co., Inc., 333 Montgomery street, San Francisco, yesterday submitted the lowest of five bids to the State Department of Public Works for constructing the East Bay yard superstructure for the San Francisco-Oakland Bay Bridge rail facilities.

Bidding was extremely close, the second low proposal of Barrett & Hilp, San Francisco, being less than \$730 above the figure submitted by Pomeroy.

Total bids for the contract were:  
J. H. Pomeroy..... \$536,960  
Barrett & Hilp..... 537,689  
Bates & Rogers, S. F..... 548,689  
Clinton Const. Co., S. F..... 556,028  
C. W. Caletti & Co., San

Rafael..... 587,586

May Eliminate Overhead

As in the East Bay yard superstructure contract, awarded recently to Bates and Rogers, elimination of those items covering construction of the Port of Oakland overhead is left to the discretion of bridge engineers. Should they be eliminated the contractor will not be entitled to compensation for work covered in those items, according to terms of the contract.

Although only five contractors submitted bids today, interest in the figuring brought a crowd to the Bay Bridge offices at 500 Sansome street.

The opening of bids on the superstructure contract advanced the bridge rail work a step further. Contracts already have been awarded for the yard substructure and for signal and interlocking equipment.

## MINERAL SOCIETY OPENS LABORATORY

The Northern California Mineral Society has opened its headquarters and laboratory in the Hansford Building, 268 Market street. J. H. Spohn, the secretary, says the laboratory is for the use of members only, but that the monthly lectures held at the Civic Center Public Library on the second Wednesday of the month, will, as in the past, be open to the public. Past lectures on glass, paint pigments, abrasives, etc., have been well attended by members of the construction industry, the secretary says.

## FISHER-McNULTY LOW ON FRESNO MASONIC TEMPLE

### Fresno Firm Bids \$126,982 For Scottish Rite Building

FRESNO, March 29.—Fisher & McNulty, 327 Cory building, Fresno, today submitted a low bid of \$126,982 to local officials of the Scottish Rite for construction of a new Masonic temple here.

Frank Hudson, 2141 South Van Ness avenue, Fresno, was low bidder for mechanical work, with a proposal of \$28,500. The electrical contract already has been let to Electric Construction Co., P. O. Box 638, Fresno.

Total bids for the general contract were:

Fisher & McNulty.....	\$126,982
Trewhitt, Shields & Fisher,	
Fresno .....	127,645
Harris Const. Co., Fresno	135,422
W. J. Ochs, Fresno.....	138,116
W. G. Thornally, Oakland.	154,780
Midstate Const. Co. Fresno	174,871

### Mechanical Bids

Total bids for mechanical work were:

Frank Hudson .....	\$28,500
B. A. Newman Co., Fresno.	29,030
Barrett-Hicks Co., Fresno.	30,822

Plans were prepared by Architects Frederick L. Swartz and W. D. Coates of Fresno, with F. W. Kellberg of San Francisco as structural engineer, G. M. Simonson of San Francisco as mechanical engineer, and Carl Wolf of Fresno as electrical engineer.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

735	Barker	Duerner	4000
736	Barker	Duerner	4000
737	Blinc	Owner	4000
738	Cornblum	Owner	3500
739	Cornblum	Owner	3500
740	Ferroggiano	Lindberg	12500
741	Ferrari	Henrietta	2800
742	Johnson	Owner	3000
743	Johnson	Owner	4000
744	Johnson	Owner	4000
745	Meyer Bros	Owner	3500
746	Meyer Bros	Owner	3800
747	Meyer Bros	Owner	3800
748	Meyer Bros	Owner	3800
749	Meyer Bros	Owner	3800
750	Rainford	Owner	3000
751	S F Hights	Owner	4000
752	Smith	Owner	4500
753	Standard	Owner	3500
754	Standard	Owner	3500
755	Standard	Owner	3500
756	Standard	Owner	3500
757	Standard	Owner	3500
758	Struthers	Owner	3000
759	Struthers	Owner	3000
760	Wold	Wold	4500
761	American	Barrett	10000
762	Amazon	Hopper	10000
763	Budde	Early	6000
764	Diamond	Van Fleet	1000
765	Kick	Hogrefe	6000
766	McAfee	Owner	1000
767	United	Fink & Schladler	1950
768	Bernhardt	Owner	3500
769	Evers	Owner	3500
770	Grahn	Owner	3000
771	Grahn	Owner	3000
772	Grahn	Owner	3000
773	Grahn	Owner	3000
774	Grahn	Owner	3000
775	Lindsay	Owner	3500
776	Lindsay	Owner	3500
777	Lindsay	Owner	3500
778	Lindsay	Owner	3500
779	Lindsay	Owner	3500
780	Tomello	C. Frank	4000
781	Wasshun	Linder	4000
782	Havisdie	Fink	1950
783	Holladay	Mattock	7000
784	Mohr	Owner	3000
785	Mohr	Owner	3000
786	Mohr	Owner	3000
787	Mohr	Owner	3000
788	Mohr	Owner	3000
789	Mohr	Owner	3000
790	Standard	Owner	3500
791	Standard	Owner	3500
792	Standard	Owner	3500
793	Standard	Owner	3500
794	Standard	Owner	3500
795	Weisshelm	Hammill	1500
796	Flood Estate	Mullen	1000
797	Gheatoo	Owner	3250
798	Halsen	Owner	4000
799	Holmgren	Owner	9000
800	Holmgren	Owner	9000
801	Muhl	Owner	1000
802	Paul	Coburn	1500
803	Planters	Moore	6500
804	Walsh	Erickson	3750
805	Bana	L Grant	4500
806	Bodinson	Owner	1075
807	Crocker	Wagner	4000
808	Porporato	Fracchia	4000
809	Porporato	Fracchia	3500
810	Reimer	Sharman	8000
811	Russi	Ailesbrook	3000
812	Sharman	Owner	8000
813	Sharman	Owner	8000
814	Thorinson	Owner	4000
815	Thorinson	Owner	4000
816	Thorinson	Owner	4000

## DWELLING

(725) E. 26TH AVE., 150 N LAW-TON One-story and basement frame dwelling.  
Owner—John J. Barker, care Contractor.  
Contractor—Jas. C. Duerner, 301 Evergreen.  
Architect—Not Given. \$4000

## DWELLING

(736) E. 26TH AVE., 125 N LAW-TON. One-story and basement frame dwelling.  
Owner—John J. Barker, care Contractor.  
Contractor—Jas. C. Duerner, 301 Evergreen.  
Architect—Not Given. \$4000

## DWELLING

(737) W. 37TH AVE., 200 N JUDAH. One-story and basement frame dwelling.  
Owner—C. O. Blincoc, 2663 15th Ave.  
Architect—Not Given. \$4000

## DWELLING

(738) SE COR. 47TH AVE. AND RIVERA. One-story and basement frame dwelling.  
Owner—Cornblum & Higgins, 2204 47th Ave.  
Architect—August Nordin, Mills Bldg.  
\$3500

## DWELLING

(739) NW COR. 46TH AVE. AND RIVERA. One-story and basement frame dwelling.  
Owner—Cornblum & Higgins, 2204 47th Ave.  
Architect—August Nordin, Mills Bldg.  
\$3500

## DWELLING

(740) W BEAUMONT, 264 N OF TURK. Two-story and basement frame dwelling.  
Owner—Geo. Ferroggiano, care Architect.  
Contractor—C. Lindberg, No. 1 Maynor St.  
Architect—Harold G. Stoner, 35 Vicente. \$12,500

## ALTERATIONS

(741) SE COR MISSION AND MAYNARD. Alter service station.  
Owner—A. Ferrari, Prem.  
Contractor—V. M. Henrietta, 2929 21st Ave.  
Architect—Not Given. \$2800

## WORK SHOP

(742) NE DAVIDSON AVE., 100 SE RANKIN. One-story work shop.  
Owner—Louis Johnson, 666 Mission.  
Architect—H. A. Emmrich, 1280 Indiana. \$3000

## OFFICE AND FACTORY

(743) SW COR RANKIN AND CUSTER. One-story frame office and factory.  
Owner—Louis Johnson, 666 Mission.  
Architect—H. A. Emmrich, 1280 Indiana. \$4000

## OFFICE

(744) SE COR RANKIN AND DIVISION. One-story frame office.  
Owner—Louis Johnson, 666 Mission.  
Engineer—H. A. Emmrich, 1280 Indiana. \$4000

## DWELLING

(745) N TERESITA, 150 E VERNA. One-story and basement frame dwelling.  
Owner—Meyer Bros, 735 Portola Dr.  
Architect—Not Given. \$3500

## DWELLING

(746) N TERESITA, 125 E VERNA. One-story and basement frame dwelling.  
Owner—Meyer Bros, 735 Portola Dr.  
Architect—Not Given. \$3500

## DWELLING

(747) N TERESITA, 200 E VERNA. One-story and basement frame

dwelling.

Owner—Meyer Bros, 735 Portola Dr.  
Architect—Not Given. \$3800

## DWELLING

(748) N TERESITA, 100 E VERNA. One-story and basement frame dwelling.  
Owner—Meyer Bros, 735 Portola Dr.  
Architect—Not Given. \$3800

## DWELLING

(749) N TERESITA, 175 E VERNA. One-story and basement frame dwelling.  
Owner—Meyer Bros, 735 Portola Dr.  
Architect—Not Given. \$3800

## DWELLING

(750) W. SANCHEZ, 103 S 20TH ST. Two-story and basement frame dwelling.  
Owner—E. Radford, 1236 Naples.  
Architect—Not Given. \$5000

## DWELLING

(751) WALMADEN COURT, 260 N ANZA. One-story and basement frame dwelling.  
Owner—San Francisco Heights Bldg. Co., 1514 Larkin.  
Architect—Not Given. \$4000

## DWELLING

(752) E LAREMONT, 90 N ULLOA. One-story and basement frame dwelling.  
Owner—E. N. Smith, 388 Santa Benito.  
Architect—Not Given. \$4500

## DWELLING

(753) W. 25TH AVE., 250 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

## DWELLING

(754) W. 25TH AVE., 300 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

## DWELLING

(755) W. 25TH AVE., 200 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

## DWELLING

(756) W. 25TH AVE., 275 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

## DWELLING

(757) W. 25TH AVE., 225 N RIVERA. One-story and basement frame dwelling.  
Owner—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$3500

## DWELLING

(758) W. SANTA FE, 346 SW SILVER. One-story and basement frame dwelling.  
Owner—Marshall T. Struthers, 4250 Mission.  
Architect—Not Given. \$3000

## DWELLING

(759) W. SANTA FE, 60 SW SILVER AVE. One-story and basement frame dwelling.  
Owner—Marshall T. Struthers, 4250 Mission.  
Architect—Not Given. \$3000

**DWELLING**  
 (760) W. 31ST AVE., 75 N KIRK-  
 HAM. One-story and basement  
 frame dwelling.  
 Owner—Clarence L. Wold, 4416 Ful-  
 ton.  
 Contractor—C. L. Wold Constr. Co.,  
 4412-16 Fulton.  
 Architect—Not Given. \$4500

**ALTERATIONS**  
 (761) E. ALABAMA, 104 S 171H ST.  
 Alter shop.  
 Owner—American Can Co., 111 Suter.  
 Contractor—Barrett & Hilp, 918 Har-  
 rison.  
 Architect—G. Preis, 230 Park Ave.  
 \$25,000

**ALTERATIONS**  
 (762) 965 GENEVA. Alter theatre.  
 Owner—Amazon Theatre Co., 25 Tay-  
 lor St.  
 Contractor—A. J. Hopper, 25 Taylor.  
 Architect—A. A. Cantin, 64 Pine St.  
 \$10,000

**SERVICE STATION**  
 (763) COR. ALEMANY AND SAN  
 JOSE AVE. One-story steel serv-  
 ice station.  
 Owner—Budde & Wanzel, care Con-  
 tractor  
 Contractor—Fred J. Early, Jr., 369  
 Pine St.  
 Architect—Not Given. \$6000

**ALTERATIONS**  
 (764) 661 CLAY ST. Alter packing  
 plant.  
 Owner—Diamond Shrimp Co., Prem.  
 Contractor—Van Fleet Co. 557 How-  
 ard.  
 Architect—Not Given \$1000

**DWELLING**  
 (765) W. BEAUMONT 132 N TURK.  
 One-story and basement frame  
 dwelling.  
 Owner—Konrad Kick, care Con-  
 tractor.  
 Contractor — Herman Hogrefe, 359  
 24th Ave.  
 Architect—John David Young, 2001  
 California. \$6000

**ALTERATIONS**  
 (766) 55-57 FORD. Alter dwelling.  
 Owner—R. A. McAfee, 125 Cervantes.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (767) 400 POST ST. Alter offices.  
 Owner—United Air Lines, 320 Geary.  
 Contractor—Fink & Schindler Co., 532  
 Brannan.  
 Architect—Not Given. \$1950

(768) N. ORTEGA, 33 E 10TH AVE.  
 One-story and basement frame  
 dwelling.  
 Owner—Bernhardt & Cowen, 924 Tar-  
 aval.  
 Architect—D. E. Jaekle, 126 Post St.  
 \$3500

**DWELLING**  
 (769) W. STANYAN, 120 N TURK.  
 One-story and basement frame  
 dwelling.  
 Owner—Kenneth Evers, 97 San Pah-  
 le St.  
 Architect — C. O. Clausen, 746 46th  
 Ave. \$3500

**DWELLING**  
 (770) NW CORNER NUEVA AND  
 BLANKEN. One-story and base-  
 ment frame dwelling.  
 Owner—Wm. H. Grahn, 2965 Mission  
 Architect—Not Given. \$3000

**DWELLING**  
 (771) W. NUEVA, 50 N BLANKEN.  
 One-story and basement frame  
 dwelling.  
 Owner—Wm. H. Grahn, 2965 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (772) W. NUEVA, 75 N BLANKEN.

One-story and basement frame  
 dwelling.  
 Owner—Wm. H. Grahn, 2965 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (773) W. NUEVA, 25 N BLANKEN.  
 One-story and basement frame  
 dwelling.  
 Owner—Wm. H. Grahn, 2965 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (774) N. BLANKEN, 90 W NUEVA.  
 One-story and basement frame  
 dwelling.  
 Owner—Wm. H. Grahn, 2965 Mission.

**DWELLING**  
 (775) E. 31ST AVE., 75 N MORAGA.  
 One-story and basement frame  
 dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (776) E. 31ST AVE., 50 N MORAGA.  
 One-story and basement frame  
 dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (777) E. 31ST AVE., 25 N MORAGA.  
 One-story and basement frame  
 dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (778) E. 31ST AVE., 175 N MORA-  
 GA. One-story and basement  
 frame dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (779) E. 31ST AVE., N MORAGA  
 (CORNER) One-story and base-  
 ment frame dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (780) 835 CORTLAND. Alter store  
 and flat  
 Owner—G. Tomello, Prem  
 Contractor—Carl Frank Co., 305 Bo-  
 cana St.  
 Architect—Not Given \$4000

**ALTERATIONS**  
 (781) 3248 BRODERICK ST. Al-  
 ter dwelling.  
 Owner—P. J. Washburn, Prem  
 Contractor—J. F. Linder, 617 Mo-  
 clara

**ALTERATIONS**  
 (782) NE COR. POWELL AND O'-  
 FARRELL. Alter stores.  
 Owner—J. J. Havisdie, 196 O'Farrell,  
 Contractor Fink & Schindler, 552  
 Brannan.  
 Architect—Williams & Grimes, 251  
 Post St. \$1850

**ALTERATIONS**  
 (783) 2663 DIVISADERO. Alter  
 dwelling.  
 Owner—Helen Holladay, Prem.  
 Contractor A. F. Mattock Co., 212  
 Mission  
 Plans by Leo Sharps, Burlingame  
 Engineer—Walter Huber, 1 Mont-  
 gomery St. \$7000

**DWELLING**  
 (784) E. BADEN, 100 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (785) E. BADEN 25 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (786) E. BADEN, 125 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (787) E. BADEN, 50 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (788) E. BADEN, 150 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (789) E. BADEN, 75 S MANGELS.  
 One-story and basement frame  
 dwelling.  
 Owner—Rudolph Mohr & Sons, 428  
 Mission.  
 Architect—Not Given. \$3000

**DWELLING**  
 (790) E. 26TH AVE., 500 N RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Standard Bldg. Co., 1500 Ju-  
 dah St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (791) E. 26TH AVE., 475 N RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Standard Bldg. Co., 1500 Ju-  
 dah.  
 Architect—Not Given \$3500

**DWELLING**  
 (792) E. 26TH AVE., 550 N RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Standard Bldg. Co., 1500 Ju-  
 dah St.  
 Architect—Not Given \$3500

**DWELLING**  
 (793) E. 26TH AVE., 525 N RIVERA.  
 One-story and basement frame  
 dwelling.  
 Owner—Standard Bldg. Co., 1500 Ju-  
 dah St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (794) E. 26TH AVE., 450 N RIVERA  
 One-story and basement frame  
 dwelling.  
 Owner—Standard Bldg Co., 1500 Ju-  
 dah St.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (795) SE COR 7TH AVE AND  
 GEARY. Alter salesroom.  
 Owner—Weisslein Bros., 582 Market  
 Contractor—Hamill & Maler, 4014  
 Geary.

**ALTERATIONS**  
 (796) NE MARKET and Powell  
 Alter store.  
 Owner—Flood Estate, Flood Bldg  
 Contractor—Mullen Manufacturing  
 Co., 60 Rausch St.  
 Engineer—Wm. Adrian, 417 Market  
 Street. \$1,000

**DWELLING**  
 (797) SW COR BURNSIDE and  
 Paradise. One-story and base-  
 ment frame dwelling.  
 Owner and Builder—Bert Ches-  
 ter, 231 Delano Avenue.  
 Architect—Not Given. \$1,250

**DWELLING**  
 (798) N ULLOA 32 E 27th Avenue  
 One-story and basement frame  
 dwelling

Owner and Builder—A. Halsen, 2427  
25th Avenue.  
Architect—Not Given. \$4000

## FLATS

(799) N BAY 155 W Webster Street.  
Two-story and basement frame  
flats.  
Owner and Builder—Karl H. Holm-  
gren, 2341 Chestnut Street.  
Architect—Not Given. \$9,000

## FLATS

(800) N BAY 150 W Webster Street.  
Two-story and basement frame  
flats.  
Owner and Builder—Karl H. Holm-  
gren, 2341 Chestnut Street.  
Architect—Not Given. \$9,000

## ALTERATIONS

(801) 250 SANTA CLARA. Alter  
dwelling.  
Owner and Builder—A. Muhl, 1895  
Jackson Street.  
Architect—Not Given. \$1,000

## REPAIRS

(802) 1032 BROADWAY. Repair fire  
damage.  
Owner—Mr. Paul, care contractor.  
Contractor—L. W. Coburn, 2048 Mar-  
ket Street.  
Architect—Not Given. \$1,500

## ALTERATIONS

(803) 530 DAVIS ST. Alter fac-  
tory.  
Owner—Planters Nut and Chocolate  
Co. Davis and Pacific.  
Contractor—C. C. Moore, 450 Mission.  
Architect—Geo. Rusforth, Berkeley.  
Engineer—F. Cummings, 450 Mission  
Street. \$6,500

## DWELLING

(804) E BEAUMONT 231 N Turk.  
One-story and basement frame  
dwelling.  
Owner—Jos. Walsh, c/o contractor.  
Contractor—H. Erickson, 972 Che-  
rney Street.  
Architect—Not Given. \$5,750

## ALTERATIONS

(805) 342 JULES. Alter dwelling.  
Owner—C. & M. Bana, 336 Jules.  
Contractor—Lincoln U. Grant, 658 3rd  
Ave.  
Architect—Not Given. \$4,500

## ALTERATIONS

(806) 2401 BAYSHORE BLVD. Al-  
ter factory.  
Owner—Bodinson Mfg. Co., Prem.  
Engineer—Frank Johnson, Los An-  
geles. \$1075

## ALTERATIONS

(807) 1329 FILLMORE. Alter the-  
atre.  
Owner—Crocker Bank, Post and  
Montgomery.  
Contractor—Geo. Wagner, 181 South  
Park.  
Architect—Not Given. \$4000

## DWELLING

(808) SE COR. MARINA & WEB-  
STER. One-story and basement  
frame dwelling.  
Owner—J. A. Porporato, 619 Wash-  
ington.  
Contractor—Frachia and Truffell,  
1165 Clay St.  
Architect—Not Given. \$4000

## DWELLING

(809) E WEBSTER, 25 S MARINA  
BLVD. One-story and basement  
frame dwelling.  
Owner—J. A. Porporato, 619 Wash-  
ington.  
Contractor—Frachia & Truffell,  
1165 Clay St.  
Architect—Not Given. \$3500

## DWELLING

(810) W BRODERICK, 62 N OF  
GREENWICH. One-story and  
basement frame dwelling.

Owner—H. Reimer, 3700 Broderick.  
Contractor—Thos. R. Sbarman, 3700  
Broderick.  
Architect—Not Given. \$4000

## ALTERATIONS

(811) 842 PARIS. Alter dwelling.  
Owner—F. B. Russi, 839 London.  
Contractor—E. Ailsebrook, 1127 Mu-  
nich.  
Architect—Not Given. \$3000

## FLATS

(812) W. BUCHANAN, 73 S OF  
CHESTNUT. Two-story frame  
flats.  
Owner—Thos. R. Sharman, 3700 Bro-  
derick.  
Architect—Not Given. \$8000

## FLATS

(813) NW COR. BUCHANAN AND  
MAGNOLIA. Two-story frame  
flats.  
Owner—Thos. R. Sharman, 3700 Bu-  
chanan.  
Architect—Not Given. \$8000

## DWELLING

(814) E. 29th AVE., 50 N VICENTE.  
One-story and basement frame  
dwelling.  
Owner—F. H. Thorinson, 1630 Ocean  
Ave.  
Architect—Not Given. \$4000

## DWELLING

(815) E. 29th AVE., 25 N VICENTE.  
One-story and basement frame  
dwelling.  
Owner—F. H. Thorinson, 1630 Ocean.  
Architect—Not Given. \$4000

## DWELLING

(816) E. 29th AVE., 75 N VICENTE.  
One-story and basement frame  
dwelling.  
Owner—F. H. Thorinson, 1630 Ocean.  
Architect—Not Given. \$4000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
420	Eldorado	Contractor	Amt.
422	Eldorado	Owner	3000
423	Rhodes	Owner	3000
424	Jamieson	Owner	3300
425	Jamieson	Owner	3300
426	Pacific	Owner	2000
427	Stout	Sommarstrom	2500
428	Hunthly	Ruel	3500
429	Weidinger	Owner	5000
430	Brydon	Savage, Jr.	4500
431	Van Ness	Van Ness	5400
432	Heraty	Jensen	2100
433	Heraty	Jensen	2550
434	Quastovino	Parsons	4000
435	Singlevald	Trimlett	4000
436	Reed	Windsor	6000
437	R. Kroll	H. Kroll	5500
438	Bartholomew	Owner	4000
439	Scammell	Owner	5000
440	Scammell	Owner	5000
441	Harper	Ehrman	1800
442	Benediktson	Malott	4500
443	Lapham	Lapham	8000
444	Lightbody	Owner	3000
445	Snow	Squire	1000
446	Nelson	Owner	4200
447	Sater	Owner	4000
448	Skaggs	Kaufenberg	37490
449	Swindell	Owner	2655
450	Tessa	Dalacchi	1700
451	Sherry	Rose	2500
452	Witherspoon	Garcia	1000
453	Rogers	Hosking	9400
454	Druck	Lodge	3000
455	Tracy	Aver	3250
456	Hogstrom	Owner	2000
457	Tilton	Owner	4000
458	Richardson	Owner	5900
459	McCormick	Parks	12000
460	Krest	Owner	14500
461	Hinds	Riep	6500
462	Altermatt	Altermatt	3000
463	Griffiths	Owner	4200

## ALTERATIONS

(422) FOOT ADELIN ST., OAK-  
LAND. Alterations and additions

Owner & Builder—Eldorado Oil Wks.,  
foot Adeline St.  
Architect—Not Given. \$3000

## WAREHOUSE

(423) 333 23RD AVE., OAKLAND.  
One-story warehouse.  
Owner & Builder—Rhodes & Jamie-  
son, 333 23rd Ave.  
Architect—Not Given. \$3000

## DWELLING

(424) 2155 DURANT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Wm. Jamieson, 2161 Durant  
Ave.  
Contractor—Stanley M. Davis, 640  
Bancroft Ave., San Leandro.  
Architect—Geo. L. O'Brien, 640 Ban-  
croft Ave., San Leandro.  
Also 1-story garage, \$275.  
Architect—Not Given. \$3300

## DWELLING

(425) 2147 DURANT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Wm. Jamieson, 2161 Durant  
Ave.  
Contractor—Stanley M. Davis, 640  
Bancroft Ave., San Leandro.  
Architect—G. L. O'Brien, 640 Ban-  
croft Ave., San Leandro.  
One-story garage, \$175. \$3300

## ALTERATIONS

(426) E GROVE ST., 100 S 1ST ST.,  
OAKLAND. Alterations.  
Owner & Builder—Pacific Gas &  
Electric Co., 245 Market St., San  
Francisco.  
Architect—Not Given. \$2000

## GARAGE

(427) 7200 TRENOR STREET, OAK-  
LAND. One-story brick and tile  
garage.  
Owner—Chas. S. Stout, 7950 Ney Ave.  
Contractor—E. Sommarstrom, 1719  
8th Ave.  
Architect—Not Given. \$2900

## ALTERATIONS

(428) 2147 RUSSELL, BERKELEY.  
Alterations.  
Owner—S. Hunthly, 2147 1/2 Ashby.  
Contractor—E. H. Ruel, 1295 Hearst.  
Architect—Not Given. \$1500

## DWELLING

(429) 470 VERMONT, BERKELEY.  
Two-story 5-room frame dwell-  
ing and garage.  
Owner & Builder—W. P. Weidinger,  
909 Fresno.  
Architect—Not Given. \$5000

## DWELLING

(430) 1346 CAMPUS DR., BERKE-  
LEY. One-story 5-room frame  
dwelling and garage.  
Owner—P. H. Brydon, 2451 Le Conte.  
Contractor—H. A. Savage, Jr., Hotel  
Whitcomb.  
Architect—Not Given. \$4500

## DWELLING

(431) 1316-22 LEIMERT BLVD.,  
OAKLAND. Two-story 10-room  
duplex dwelling.  
Owner—L. E. Van Ness, 4920 Park  
Blvd.  
Contractor—L. E. Van Ness & Son,  
4920 Park Blvd.  
Architect—Not Given. \$5400

## DWELLING

(432) 5549 MERRIEWOOD DRIVE,  
OAKLAND. One-story 4-room  
dwelling.  
Owner—Phil Heraty, 3237 Grand Ave.  
Contractor—H. K. Jensen, 2757 Raw-  
son St.  
Architect—Not Given. \$2100

## DWELLING

(433) 6741 THORNHILL DRIVE,  
OAKLAND. One-story 4-room  
dwelling.  
Owner—Phil F. Heraty, 3237 Grand  
Ave.

**Contractor**—H. K. Jensen, 2757 Rawson St.  
**Architect**—Not Given. \$2550

**DWELLING**  
(534) 1377 E. 32ND ST., OAKLAND.  
One-story 5-room dwelling.  
**Owner**—J. J. Quastovino, Frem.  
**Contractor**—G. P. Parsons, 3839 Canon Ave.  
**Architect**—Not Given. \$4000

**DWELLING**  
(535) 2921 76TH AVE., OAKLAND.  
One-story 6-room dwelling.  
**Owner**—H. Singevald, 430 Kenilworth Ave., San Leandro.  
**Contractor**—Robert Trimlett, 924 Santa Clara Ave., Alameda.  
Also 1-story garage, \$200.  
**Architect**—Not Given. \$4000

**DWELLING**  
(536) 3857 LAKESHORE AVENUE, OAKLAND. Two-story 5-room dwelling.  
**Owner**—Dagmar A. Reed, 835 Kingston Ave.  
**Contractor**—Geo. Windsor, 11 Sharon Ave., Piedmont.  
**Architect**—Not Given. \$6000

**DWELLING**  
(537) 4341 BRIDGEVIEW DRIVE, OAKLAND. Two-story 6-room dwelling.  
**Owner**—Ralph Kroll, 512 Glenview Ave.  
**Contractor**—Harry Kroll, 512 Glenview Ave.  
**Architect**—Not Given. \$5500

**DWELLING**  
(538) 8356 NEY AVE., OAKLAND.  
One-story 5-room dwelling.  
**Owner & Builder**—L. A. Bartholomew, 1520 Santa Clara Ave., Alameda.  
**Architect**—Not Given. \$4000

**DWELLING**  
(539) 2551 CASTELLO ST., OAKLAND. One-story 6-room dwelling.  
**Owner & Builder**—J. W. Scammell, 3161 Fruitvale Ave.  
**Architect**—Not Given. \$5000

**DWELLING**  
(540) 2550 CORDOVA ST., OAKLAND. One-story 6-room dwelling.  
**Owner & Builder**—J. W. Scammell, 3161 Fruitvale Ave.  
**Architect**—Not Given. \$5000

**DWELLING**  
(541) 2312 TIFFIN ROAD, OAKLAND. One-story 5-room dwelling.  
**Owner**—J. L. Harper, 4021 E. 14th St.  
**Contractor**—Ehrman & Major, 3307 Champion St.  
**Architect**—Not Given. \$4000

**ALTERATIONS**  
(542) 88 BAYO VISTA, OAKLAND.  
Alterations.  
**Owner**—J. B. Benedikston, 512 Crofton Ave., Oakland.  
**Contractor**—Earl W. Malott, 269 Scenic Ave., Piedmont.  
**Architect**—Not Given. \$1800

**DWELLING**  
(543) 648 CARLSTON AVE., OAKLAND. Two-story 7-room dwelling.  
**Owner**—A. R. Lapham, 947 Hillcroft Circle, Oakland.  
**Contractor**—Theo. H. Lapham, 546 Kenmore Ave., Oakland.  
**Architect**—Irwin M. Johnson, 2215 7th Ave., Oakland. \$5,000

**DWELLING**  
(544) 3407 62nd AVE., OAKLAND.  
One-story 5-room dwelling.  
**Owner and Builder**—Perley Lightbody, 3400 Morrison St., Oakland.  
**Architect**—Not Given. \$3,000

**ADDITION**  
(545) 1278 COOLIDGE AVE., OAKLAND. Addition to office.  
**Owner**—Arthur Snow, 2678 Coolidge Ave., Oakland.  
**Contractor**—C. R. Squires, 2621 Hopkins St., Oakland.  
**Architect**—Not Given. \$1,000

**DWELLING**  
(546) 3308 SUTER ST., OAKLAND. One-story 5-room dwelling.  
**Owner and Builder**—Martin A. Nelson, 3897 Rhoda Ave., Oakland.  
**Architect**—Not Given. \$4,200

**DWELLING**  
(547) 1932 107th AVE., OAKLAND. One-story 6-room dwelling.  
**Owner and Builder**—A. E. Sater, 3727 Hillview St., Oakland.  
**Architect**—Not Given. \$4,000

**STORES**  
(548) 4037-39-41-43-45 PIEDMONT AVENUE, OAKLAND. One-story concrete stores.  
**Owner**—M. B. Skaggs.  
**Contractor**—Victor A. Kaufenberg, St. Marks Hotel, Oakland.  
**Architect**—Will Corlett, Bank of America Bldg., Oakland. \$37,490

**DWELLING**  
(549) 4069 HUNTINGTON AVENUE, OAKLAND. One-story five-room dwelling.  
**Owner & Builder**—Deane F. Swindell, 2931 68th Ave., Oakland.  
**Architect**—Not Given. \$2,655

**ALTERATIONS**  
(550) 1504 MAGNOLIA ST., OAKLAND. Alterations and addition.  
**Owner**—H. Tosca, 1508 Magnolia St., Oakland.  
**Architect**—P. Dalucchi & Con, 5415 Claremont Ave., Oakland.  
**Architect**—Not Given. \$1,700

**DWELLING**  
(551) 1400 CURTIS, BERKELEY. One-story 4-room frame dwelling.  
**Owner**—J. Sherry, 1242 Ordway.  
**Contractor**—G. F. Rosa, 1632 Grant.  
**Architect**—Not Given. \$2500

**ADDITIONS**  
(552) 716 ALAMEDA, BERKELEY. Additions.  
**Owner**—R. H. Witherspoon, 802 Colusa.  
**Contractor**—Geo. Garcia.  
**Architect**—Not Given. \$1000

**DWELLING**  
(553) 567 FRAGMENT, BERKELEY. Two-story 8-room frame dwelling.  
**Owner**—E. L. Rogers, 891 Rezal Rd.  
**Contractor**—Fred C. Hosking, 541 Civic Center St., Richmond.  
**Architect**—F. L. Confer. \$9400

**DWELLING**  
(554) 2445 89TH AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—Geo. Drueck, 4909 Fairfax Avenue.  
**Contractor**—C. F. Lodge, 749 Collier Dr., San Leandro.  
**Architect**—Not Given. \$3000

**DWELLING**  
(555) 1636 86TH AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—A. G. Tracy, 8405 Plymouth Street.  
**Contractor**—Traey & Auer, 3715 San Juan St.  
**Architect**—Not Given. \$3250

**ADDITION**  
(556) 10500 E 14TH ST. OAKLAND. One-story store building addition.  
**Owner & Builder**—Hogstrom Food Stores, 10626 E 14th St.  
**Architect**—Not Given. \$2600

**DWELLING**  
(557) 3876 COOLIDGE AVE., OAKLAND. One-story 5-room dwelling.  
**Owner & Builder**—Paul Tilton, 725 Walker Ave.  
**Architect**—Not Given. \$1000

**DWELLING**  
(558) 6025 BRUNS DR., OAKLAND. Two-story 8-room dwelling.  
**Owner & Builder**—H. A. Richardson, 174 Woodhaven Way.  
**Architect**—Not Given. \$5900

**RESIDENCE**  
(559) 63 WILDWOOD GARDENS, PIEDMONT. Two-story 7-room residence.  
**Owner**—C. W. McCormick, 2062 Lakeshore Ave.  
**Contractor**—Randolph F. Parks, 2104 Addison St.  
**Architect**—Keith Ponsford. \$12,000

**RESIDENCE**  
(560) 201 ESTATES DR., PIEDMONT. Two-story 8-room residence.  
**Owner & Builder**—David Kesti, 2217 Browning Street.  
**Architect**—Not Given. \$14,500

**DWELLING**  
(561) 50 ALTA RD., BERKELEY. Two-story 6-room frame dwelling and garage.  
**Owner**—F. Hinds, 817 Peralta.  
**Contractor**—E. Riep & Son, 529 Stannage Ave., Albany.  
**Architect**—E. P. Riep. \$6500

**DWELLING**  
(562) 239 TAURUS AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—Nellie G. Altermatt, 243 Taurus Ave.  
**Contractor**—J. F. Altermatt, 243 Taurus Ave.  
**Architect**—Not Given. \$3000

**DWELLING**  
(563) 6000-6012 EASTLAWN ST., OAKLAND. One-story 6-room 2-family dwelling.  
**Owner and Builder**—E. O. Griffiths, 1207 60th Ave.  
**Architect**—Not Given. \$4200

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Am't.
52	Demartini	Murer	7000
55	Pacific	Paoli	743
56	Cohn	Nelson	2495
57	S. P. Co.	Soule	—
58	S. P. Co.	Fay	sq ft. .0383

**DWELLING**  
(52) W MASONIC AVE., 125 N ST ROSES. AVE. One-story and basement frame dwelling.  
**Owner**—J. Demartini.  
**Contractor**—L. Murer, 1274 Quesada Ave.  
Filed Mar. 26, '37 Dated Mar. 22, '37.  
Foundation in \_\_\_\_\_  
Roof on \_\_\_\_\_ 1425  
Brown mortar on \_\_\_\_\_ 1425  
Completion \_\_\_\_\_ 1425  
Usual 35 days \_\_\_\_\_ 1900  
**TOTAL COST, \$7600.00**  
Limit. 90 days.

**PAINTING**  
(55) 745 WASHINGTON ST. Interior and exterior painting.  
**Owner**—Pacific Tel. & Tel. Co.  
**Contractor**—R. P. Paoli & Co.  
Filed Mar. 30, '37 Dated Mar. 18, '37.  
75% Completion \_\_\_\_\_  
25% 40 days after \_\_\_\_\_  
**TOTAL COST, \$743**  
Bond, \$743 Surety, Pa. Co Indem Co. Specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants                     |
| 2.—Bonds                        | 12.—Power Plants                                    |
| 3.—Churches                     | 13.—Public Buildings, Warehouses and Fire House and |
| 4.—Factories and Warehouses     | 14.—Residences                                      |
| 5.—Flats                        | 15.—Schools                                         |
| 6.—Garages and Service Stations | 16.—Banks, Stores and                               |
| 7.—Federal Buildings            | 17.—Theatres                                        |
| 8.—Inns                         | 18.—Wharves & Docks                                 |
| 9.—Club Buildings               | 19.—Misc. Const.                                    |
| 10.—Hospitals                   | 20.—Misc. Supplies &                                |
| 11.—Hotels                      |                                                     |

### 1—APARTMENTS

**To Be Done By Days Work**  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO**, NE 26th Ave. and Fulton Street.

Three-story frame and stucco apartment building.  
 Owner & Builder—N. J. King, 231 Franklin Street.  
 Architect—R. R. Irvine, 2048 Market Street.

**Contract Awarded**  
**APARTMENTS** Cost, \$8,500  
**SAN FRANCISCO**, N. St. Mary's Ave., 275 ft W. of Mission St.  
 Two-story frame apartment house.  
 Owner—A. J. Jeliveich, 36 College Ave.  
 Architect—R. R. Irvine, 2048 Market St.

Contractor—Peter E. Vuklicevich, 1442 Taraval St.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$15,000 ea.  
**OAKLAND**, Alameda Co., Calif., 241-47, 249-55, 257, 265-71, 273-79, 281-87 Wayne Ave.  
 Six two-story frame and stucco apt. buildings.  
 Owner & Builder—M. B. Skaggs, 4th and Jackson Sts.

**Contract Awarded**  
**APARTMENT** Cost, \$12,000  
**SAN MATEO**, Calif. Center portion of Lot 28, Blk. E, Dartmouth.  
 Two-story frame apartment house.  
 Owner—Fred C. Cookley, Burlingame.  
 Architect—Wm. J. Garren, 233 Post St., San Francisco.  
 Contractor—Albert E. Magnusen, 320 Cypress St., San Bruno.

### 3—CHURCHES

**PLANS BEING FIGURED**  
**LOS ANGELES**—Until July 27, Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., are taking bids from a selected list of contractors for a steel church building to be built at St. Gregory's Parish, West 9th and Norton Sts., for the Roman Catholic Archdiocese of Los Angeles.

**PREPARING WORKING DRAWINGS**  
**CORONA** Riverside Co., Calif.—Architect Douglas McClellan, 907 Architects' Bldg., Los Angeles, is preparing working drawings for a Class C, Georgian style church building to be built at Main and Eighth Streets, Corona, for the First Baptist Church.

**Planned**  
**CHURCH** Cost, \$45,000  
**SAN JOSE**, Santa Clara Co., Calif.

80 S. Fifth St.  
 New edifice to replace church recently destroyed by fire.  
 Owner—First Christian Church.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Bids will be asked immediately on removal of ruins of old church.

### 4—FACTORIES & WAREHOUSES

**Under Construction**  
**FACTORY** Cost, \$15,762  
**SANTA CRUZ**, Calif. Mission St.  
 Packing plant and drum and box factory.

Owner—Half Moon Bay Drum & Box Co., L. Pardini, President.  
 Architect—Not Given.  
 Contractor—Wilson & Castagnola, 59 Sharkey St., Santa Cruz.

**Plans Being Figured**  
**LITHOGRAPH PLANT**  
 Est. Cost, \$250,000  
**SAN FRANCISCO**, Sterling Street near Bryant Street.

Six-story reinforced concrete lithograph plant (work includes demolition of existing building on site, concrete, carpentry, plastering, brick, hollow tile, glass, roofing, finish hardware, art metal, underpinning, heating and ventilating, boiler equip., pressure tank, automatic sprinklers).  
 Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.  
 Consulting Engineer—Jesse Rosenwald, 525 Market Street.

Plans are being figured by a selected list of contractors. Exact closing date to be announced later.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO**, NE 26th Ave. & Fulton St.

Three-story frame and stucco apartment building.  
 Owner & Builder—M. J. King, 231 Franklin St.  
 Architect—R. R. Irvine, 2048 Market St.

**Contract Awarded**  
**POLYMERIZATION PLANT** Cost, \$500,000  
**AVON**, Contra Costa Co., Calif.  
 Polymerization plant.

Owner—Tide Water Assoc. Oil Co., 79 New Montgomery St.  
 Plans by Engineering Department of Owner.

Contractor—Alco Products Company (American Locomotive Co.), Rialto Bldg., San Francisco.  
 Plant is included in a \$2,000,000 improvement program, one unit of which is a new cracking plant, now under construction.

**Contract Awarded**  
**WAREHOUSE, ETC.** Cost, \$200,000  
**SEATTLE**, Wash. First Ave. South and Dakota St.

New warehouse and office building.  
 Owner—Northern Pacific Railway Co., W. E. Coman, Western Vice-President.

Lessee—Van Waters and Rogers, Inc., 1263 8th Ave. South, Seattle.  
 Plans by Engr. Dept. of Owner.  
 Contractor—The Austin Co., Dexter Horton Bldg., Seattle.

**To Be Done By Day's Work**  
**ALTERATIONS** Cost, \$65,000  
**SAN FRANCISCO**, 441 Townsend St.  
 Alterations to warehouse.  
 Owner and Builder—Safeway Stores, Inc., Oakland.  
 Architect—Not Given.

**Bids Wanted—To Close August 5, 10 A. M.**

**ADDITION** Cost, \$5,000  
**SAN FRANCISCO**, 534 Baysboro Blvd.

Two-story reinforced concrete warehouse (100 x 100 ft.), addition to existing building.

Owner—Dreamland Bedding Co. (P. Spagnoli, owner),  
 Architect—Geo. M. Cantrell, 325 Fremont Street.

Structural Engineer—H. P. Hoyt, 325 Fremont Street.  
 Plans and specifications may be obtained at 534 Baysboro Blvd., upon deposit of \$5.00.

**Plans Being Figured**  
**FACTORY** Cost, \$5,000  
**SAN FRANCISCO**, Folsom St., bet. Annie and Fourth Sts.

Three-story reinforced concrete factory building (80 x 143 ft.).  
 Owner—M. Greenberg's Sons, 765 Folsom St.  
 Architect—Hyman & Appleton, 68 Post St.

Plans are now being figured by a closed, selected list of contractors.

### PREPARING PLANS

**FRESNO**, Fresno Co., Calif.—Los Angeles Compress & Warehouse Co., 810 W. 6th St., Los Angeles, is having plans prepared for a new cotton compress to be built near Fresno. Tentative plans provide for a seasonal capacity of 200,000 bales of cotton and storage facilities for 40,000 bales.

**Plans Being Figured**  
**WAREHOUSE** Cost, \$5,000  
**AVON**, Contra Costa Co., Calif.  
 Paint warehouse.

Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.

Plans by Engr. Dept. of Owner.  
 Plans are now being figured by a selected list of contractors. No definite closing date set.

### 5—FLATS

**Plans Being Figured**  
**FLATS** Cost, \$5,000  
**STOCKTON**, San Joaquin Co., Calif.  
 Two-story frame flat building (4- and 5-room flats) two fireplaces, gas furnaces, tile and linoleum baths, hardwood floors, wood sash, wood shingle roof.

Owner—Witheld.  
 Architect—Victor Galbraith, 221 East Acacia St., Stockton.

Date of bid opening date to be announced shortly.

### 7—FEDERAL BUILDINGS

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—Sutalo and Ramjak, Los Angeles, at \$35,329 awarded contract by the Procurement Division, Washington, D. C., for a new sanitary sewer system in the U. S. Federal Jail at Los Angeles.

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—C. R. Butterfield-Kennedy Co., San Diego, at \$20,500 awarded contract by the Procurement Division, Washington, D. C., for improvement of the site of the U. S. Quarantine Station at Los Angeles.

**CONTRACT AWARDED**  
**BEVERLY HILLS**, Los Angeles Co., Calif.—J. Bayer & Co., Los Angeles, at \$1985, awarded contract by



the Procurement Division, Public Buildings Branch, Washington, D. C., for metal and glass partitions in the U. S. Post Office at Beverly Hills.

**Bids Wanted—To Close Sept. 7, 1 p. m. U. S. P. O.** Est. Cost, \$70,000  
AUBURN, Placer Co., Calif.  
New U. S. Post Office.

Owner—U. S. Government.  
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

**Complete Bids**  
POST OFFICE Cost, \$.....  
BURBANK, Los Angeles Co., Calif.  
Olive Ave. between San Fernando Blvd. and First St.  
New U. S. Post Office.

Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

Low Bidder—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles—\$127,300.

**Complete bids follow:**  
Sarver & Zoss, Los Angeles, Calif.—(Item 1) \$127,300; (Alt. a) add \$608; (Alt. b) ded. \$809.

Robert E. McKee, Los Angeles, Cal.—(Item 1) \$170,500; (Alt. a) add \$700; (Alt. b) ded. \$1,023.

Empire Const. Co., Los Angeles, Calif.—(Item 1) \$131,100; (Alt. a) add \$500; (Alt. b) ded. \$800.

Theo. A. Beyer Corp., Los Angeles, Cal.—(Item 1) \$134,459; (Alt. a) add \$633; (Alt. b) ded. \$975.

Whittaker & Snook, Pasadena, Cal.—(Item 1) \$140,000; (Alt. a) add \$800; (Alt. b) ded. \$750.

J. F. Dow Co., Los Angeles, Cal.—(Item 1) \$134,747; (Alt. a) add \$600; (Alt. b) ded. \$1,200.

Nels A. Anderson, Pasadena, Cal.—(Item 1) \$134,900; (Alt. a) add \$600; (Alt. b) ded. \$1,100.

Brunzell & Jacobson, Pasadena, Cal.—(Item 1) \$134,977; (Alt. a) add \$875; (Alt. b) ded. \$749.

Pearson & Hollingsworth, Los Angeles—(Item 1) \$126,990; (Alt. a) add \$600; (Alt. b) ded. \$1,000.

James I. Barnes, Springfield, Mo.—(Item 1) \$128,340; (Alt. a) add \$540; (Alt. b) ded. \$1,200.

Campbell & Kelly, Los Angeles, Cal.—(Item 1) \$138,478; (Alt. a) add \$900; (Alt. b) ded. \$1,150.

Lovich & Konjevod, Los Angeles, Calif.—(Item 1) \$149,877; (Alt. a) add \$600; (Alt. b) ded. \$700.

Archibald & Singleton, Los Angeles, Cal.—(Item 1) \$138,950; (Alt. a) add \$700; (Alt. b) ded. \$1,072.

J. R. Lippincott, Los Angeles, Cal.—(Item 1) \$147,758; (Alt. a) add \$795; (Alt. b) ded. \$1,226.

M. H. Golden, San Diego, Calif.—(Item 1) \$149,500; (Alt. a) add \$600; (Alt. b) ded. \$950.

MacDonald Constr. Co., St. Louis, Mo.—(Item 1) \$152,317; (Alt. a) add \$700; (Alt. b) ded. \$1,300.

Schuler & McDonald, Inc., Oakland, Calif.—(Item 1) \$154,747; (Alt. a) add \$715; (Alt. b) ded. \$1,307.

Carlo Bongianni, Los Angeles, Calif.—(Item 1) \$155,555; (Alt. a) add \$800; (Alt. b) ded. \$1,200.

Taylor & Taylor, Pasadena, Cal.—(Item 1) \$135,702; (Alt. a) add \$875; (Alt. b) ded. \$900.

George M. Easton, Los Angeles, Cal.—(Item 1) \$171,500; (Alt. a) add \$835; (Alt. b) ded. \$1,585.

**COMPLETE BIDS**

SAN DIEGO, Cal.—Mayer & Bovee, San Diego, at \$192 submitted low bid and was recommended for award by the 11th Naval District, under Spec 8463, for recabling elevator in Building No. 10 at the Naval Hospital (11th Naval District) San Diego. Work includes the re-

moval of the present hoisting cables and the furnishing and placing of new hoisting cables for one existing passenger elevator in Bldg. No. 10.

**Complete bids follow:**  
Mayer & Bovee, San Diego..... \$192  
San Diego Elevator & Elec. Co., San Diego..... 220  
Otis Elevator Co., S. F..... 242

**CONTRACT AWARDED**  
FRYANT, Fresno Co., Calif.—Air Conditioning Engineers, Inc., Phoenix, Ariz., at \$12,218, was awarded contract by the Bureau of Reclamation, Walker E. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 925-D, for all-cooling, heating and ventilating systems for the office building and two dormitories at Government Camp at Fryant Dam, Central Valley Project. The camp is located about 22 miles north of Fresno.

**To Ask Bids Shortly**  
POST OFFICE Cost, \$.....  
FRESNO, Calif.  
New United States Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

**CONTRACT AWARDED**  
SANTA CRUZ, Santa Cruz County, Cal.—Hamilton & Church, 368 Ocean Ave., San Francisco, at \$587 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and painting lobby of the U. S. P. O. at Santa Cruz.

**BID CALL WITHDRAWN**  
LOS ANGELES, Cal.—The Procurement Division, Public Bldgs. Branch, Washington, D. C., has withdrawn a call for bids scheduled to be opened August 5 for a new sanitary sewer in the U. S. Federal Jail at Los Angeles.

**Bid Opening Date Postponed Until Sept. 2, P. M.**  
POST OFFICE Est. Cost, \$95,000  
LIHUE, Hawaii, T. H.  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Drawings and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit is required for one set of plans.  
Postponed from August 3.

**CONTRACT AWARDED**  
HICKAM FIELD, T. H.—James W. Glover, Honolulu, at \$9,850 submitted low bid and was awarded contract for concrete floor slab, roofing and siding on practice bomb-busting bldg. at Hickam Field.

**BIDS WANTED**  
SAN DIEGO, Calif. Bids are now being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 1045, for electric passenger elevator, electric freight elevator, and hoisting entrances at the Naval Operating Base (Hospital), San Diego, Calif. Specifications and drawings may be obtained from the Bureau and from the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, upon deposit of \$10. No definite bid opening date yet set.

**MATERIALS APPROVED**  
WENATCHEE, Wash.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Wenatchee. Contractor, Consolidated Engrg. Co., Tacoma, Wash. Main switch, Nepage-McKenny Co.

**MATERIALS APPROVED**  
WOODLAND, Yolo Co., Calif.—Treasury Department approved following building material and equipment awards for the construction of the lavatory sprinkler system at the U. S. Post Office at Woodland. Contractor, Scott Co., San Francisco. Sprinkler heads, Pasadena Sprinkler Co.; rotary heads, Thompson Mfg. Co.; valves, Thompson Mfg. Co.; pump, Chicago Pump Co.; pipe, Chase Brass & Copper Co. In lieu of test valve approval; fittings, Amer. Brass Co.

**MATERIALS APPROVED**  
ONTARIO, Oregon.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Ontario. Contractor, Benjamin H. Sheldon, Ontario, Oregon. Pipe hangers for plumbing and steam pipes, Granite Mfg. Co.; lighting fixtures, Latexview Electrical Co. and Moe-Bridges Corp.

**BID OPENING DATE POSTPONED**

SAN FRANCISCO.—Until August 10, 1:30 p. m. (postponed from Aug. 3), new bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

All bids received June 8 were rejected.

A set of plans and copy of specifications, together with Addendum No. 1, are now on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

**CONTRACT AWARDED**  
SAN PEDRO, Los Angeles Co., Cal.—A. J. Beyer, Slauson and Sons' Fe Ave., Los Angeles, at \$145, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for white bronze tablet in U. S. P. O. and Custom House at San Pedro.

**BIDS OPENED**  
SAN DIEGO, Cal.—Jenn B. Worthington, 4021 33rd St., San Diego, submitted low bid and was recommended for award of the contract by 11th Naval District, San Diego, July 27, at \$751, for painting two wood-lit-faced masts, one approx. 223 ft. high and the other 178 ft. high; one spar mast approx. 68 ft. high and one flagpole approx. 57 ft. high at the Point Loma Radio Station, San Diego. Spec. No. 1185. Adams & Sons, Pacific Beach, submitted the only other bid at \$858.

**Contract Awarded**  
REPAIR BLDG. ETC.

SACRAMENTO, Calif. Contract Price, \$221,918  
SACRAMENTO CO., Cal. Army Air Depot, near North Sacramento.  
Equipment Repair Bldg. (Spec. No. 379-E) Two-story, reinforced concrete building, 200x50 ft., Operating Office and Engineering Office Bldg. (Spec. No. 354-B); Two-story reinforced concrete annex to engineering shop, 40x57.  
Owner—U. S. Government (40A87).  
W. F. Parker, Construction Quartermaster, P. O. Box 1616, Sacramento.  
Plans prepared by the office of the Quartermaster General, Washington, D. C.  
Contractor—MacDonald & Kahn, Ltd., 200 Financial Center Bldg., San Francisco.

Engineer—W. Adrian, 417 Market St.  
Contractor—Cahill Bros., 206 Sansome Street.  
Steel Sash—Detroit Steel Prod. Co., 111 Sutter Street.  
Brick and Hollow Tile—William A. Rainey & Son, 323 Clementina St.  
As previously proposed, plumbing awarded to Scott Co., Inc., 243 Minna St.; structural steel to Independent Iron Works, 821 Pine St., Oakland.

Painting Sub-Contract Awarded  
MFG. PLANT Cost, \$150,000  
SAN FRANCISCO. Steuart St. bet. Howard and Folsom Streets.

Two-story steel and concrete manufacturing plant for dry ice and carbonic gas (brick panel walls)  
Owner—The Liquid Carbonic Pacific Corp., Ltd., 539 Mission Street.  
Plans by Construction Department of Owner, Chicago Office.

Consulting Engineer—Leland Roseberry, 238 Sansome Street.  
Mechanical Engineer—Liebmann & Hein, 190 N. State St., 424 Monoclock Building.  
Contractor—L. C. Dunn, 423 Cona-

Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.  
The sub-contracts awarded to date published March 18.

## 5—FLATS

Preparing Plans  
FLAT Cost, \$14,000  
SAN FRANCISCO. Calif. Vallejo & Leavenworth Sts.

Two-story and basement frame and stucco flat building.  
Owner—Name Withheld.  
Mgr. of Construction—Cyril Doane, 760 Russ Bldg.  
Mr. Doane will take sub bids about April 15.

Sub Bids Wanted  
ALTER FLATS Cost, \$5,000  
SAN FRANCISCO. 2413 Washington Street.

Alter flats.  
Owner—Name Withheld.  
Mgr. of Construction—Cyril Doane, 760 Russ Bldg.

Sub bids are now being received by appointment (Garfield 3786) by Mr. Doane, on painting, plumbing, heating, plastering, lumber, mill, lighting fixtures, electric wiring, hardwood floors and tile work.

To Be Done By Day's Work  
FLATS Cost, \$9,500 each  
SAN FRANCISCO. N Bay Street 155 W Webster Street.

Two 2-story frame and stucco flat buildings.  
Owner and Builder—Karl H. Holmgren, 2341 Chestnut Street.  
Architect—Not Given.

## 6—GARAGES & SERVICE STATIONS

Contract Awarded  
SERVICE STATION Cost, \$6,500  
SAN FRANCISCO. Cor. Alameda & San Jose Ave.

One-story steel service station.  
Owner—Buhle & Wanzel, care Contractor.  
Architect—Not Given.  
Contractor—Fred J. Early, Jr., 369 Pine St.

Planned  
SERVICE STATION Cost, \$.....  
SACRAMENTO, Calif. 10th and I Streets

New gasoline service station.  
Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
Plans by Engineering Department of Owner

Part of first unit of twenty-six new or completely reconstructed service stations to be built throughout the Bay Area, north to Sacramento and south to Salinas.

Planned  
SERVICE STATION Cost, \$.....  
SAN FRANCISCO. NW Cor. Ocean and Alameda Blvd.  
New gasoline service station.  
Owner—Union Oil Co., 220 Montgomery St.  
Plans by Engineering Department of Owner

The above is one of first unit of twenty-six new or completely reconstructed service stations to be built throughout the Bay Area, north to Sacramento and south to Salinas.

Planned  
SERVICE STATIONS Cost, \$.....  
SALINAS, Monterey Co., Calif. Main and John Sts. and Main and Lake Sts.

Two new gasoline service stations.  
Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
Plans by Engineering Department of Owner

Part of first unit of twenty-six new or completely reconstructed service stations to be built throughout the Bay Area, north to Sacramento and south to Salinas.

## 7—FEDERAL BUILDINGS

CONTRACT AWARDED  
SEBASTOPOL, Sonoma Co., Calif.—Chamberlin Metal Weather Strip Co., Detroit, Mich., at \$37, awarded contract by the Procurement Division, Washington, D. C., for insect screens at the U. S. post office at Sebastopol.

Bids Wanted—To Close May 4, 1 P. M.  
POST OFFICE Cost, \$65,000  
YACAVILLE, Solano Co., Calif.  
New United States post office.  
Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required for one set of plans.

CONTRACT AWARDED  
MARE ISLAND, Calif.—San Francisco Elevator Co., Inc., 860 Folsom St., San Francisco, at \$750.50, awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for remodeling electric elevator in west end of Building 271.  
Spec. No. 8424. Work consists of providing and installing a new car gate, electric interlocks on car gate and existing hatchway gates, and the conversion from car switch to double push button control of one electric freight elevator.

NEW BIDS WANTED  
LIVERMORE, Alameda Co., Calif.—Until May 11, 1:30 p.m., new bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for the construction of the Infirmary Ward Building and Connecting Corridor, at the Veterans' Administration Facility, Livermore. The work includes walks, grading and drainage, reinforced concrete, brick work, slate stair treads, marble work, floor and wall tile, compressed asphalt tile, insulation, waterproofing, metal work, steel cabinets, shelving and shelving, built-up roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, metal weatherstrips, insect screens, window shades, painting, glazing hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc.

Separate bids will be received for (1) general construction, including the plumbing and electrical work; and (2) electric elevator.

Plans and specifications obtainable at the above office and from the office of the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.  
Schuler & McDonald, Inc., Oakland, submitted the previous low bid on January 5 at \$101,900.

## Bid Opening Date Postponed Until

April 15, 10 P. M.  
LOS ANGELES, Calif.—Until April 13, 1:30 p.m. (postponed from April 6), bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for additions to Kitchen Building No. 163, Veterans' Administration Facility, Los Angeles, Calif. A set of plans and copy of specifications are on file at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Separate bids will be received for (1) General Construction, including Plumbing, Heating and Electrical Work; (II) Electric Elevators; and (III) Refrigerating and Ice Making Plant.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, cast stone, enamelled wall blocks, slate stair treads, terrazzo, floor tile, compressed asphalt tile, waterproofing, metal work, steel stairs, steel cabinets, shelving and partitions, steel sash, built-up roofing, roof ventilators, skylights, metal lathing, plastering, carpentry, acoustical treatment, insulation, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, electric elevator construction and electric dumbwaiter, refrigerating and ice-making plant, etc.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

LOW BIDDER  
SAN FRANCISCO.—Severin Elec. Co., 172 Clara St., at \$17,200 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for compressed air compressor and water still at the U. S. Mint at San Francisco.

LOW BIDDER  
SAN FRANCISCO.—Severin Elec. Co., 172 Clara St., at \$6,093 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for an emergency lighting plant and projectors at the U. S. Mint, San Francisco.

LOW BIDDER  
SAN FRANCISCO.—The Lawson Co., Syracuse, N. Y., at \$2,570 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for pneumatic tube system at the U. S. Mint, San Francisco.

CONTRACT AWARDED  
HOLLISTER, San Benito Co., Calif.—Coco Weatherstrip & Screen Products, 1926 S. 52nd Ave., Chicago, Ill., at \$282, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Hollister.

BIDS WANTED  
TECATE, San Diego Co., Calif.—Until April 28, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. inspection station

**at Tecate.**

Specifications may be obtained from the above office and from the Custodian of the building.

**BIDS WANTED**

**SANTA CLARA, Calif.**—Until Apr. 29, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. Post Office building at Santa Clara.

Specifications may be obtained from the Custodian of the Building. No deposit required.

**Bids Wanted — To Close May 7, 1 P. M.**

**POST OFFICE** Cost, \$.....  
**DOWNEY, Los Angeles Co., Calif.**—SE Cor. of 2nd and La Reona Streets.

New U. S. Post Office.  
Owner—U. S. Government.  
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required.

**BIDS WANTED**

**HONOLULU, T. H.**—Until April 23, 1 p.m. (bid opening date postponed from April 2nd), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for extension to mailing platform, etc. of the U. S. Post Office, Court House and Custom House at Honolulu.

Specifications may be obtained from the above office and from the Custodian of the Building at Honolulu.

**LOW BIDDER**

**SAN FRANCISCO, Cal.**—Lake Erie Chemical Company, Cleveland, Ohio, at \$2,455, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for tear gas installation at the U. S. Mint at San Francisco.

**LATE LOW BIDDER**

**SAN FRANCISCO, Calif.**—Richard L. Cory, 50 Hawthorne St., at \$15,862, submitted the late low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for compressed air blowers, air compressor and water still at the U. S. Mint at San Francisco.

As previously reported, Severin Electric Company, 172 Clara St., at \$17,200, submitted the only other bid.

**Additional Sub Contracts Awarded HEADQUARTERS BUILDING**  
Contract Price, \$111,307

**SACRAMENTO CO., Calif.**  
Two-story reinforced concrete and steel head-quarters building. Spec. No. 313-E (140x145 ft.), marble rotunda with terrazzo floors, built-up roofing, asphalt and tile floors, and two-story reinf. concrete and steel fire and guard-house building. Spec. No. 312-E (main portion 60x49 ft., with annex 24 ft. 9 in. x 25 ft.), built-up roof of 5-ply asphalt, asphalt, quarry and ceramic tile floors, flat roof, plaster walls and ceiling.

Owner—U. S. Government (Maj. Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).

Plans prepared by office of the Quartermaster General, Construction Division, Washington, D. C.

Contractor—Azevedo Constr. Co., 920 "O" St., Sacramento.

**Aluminum**—South Gate Iron Works, 850 Harbison, South Gate

**Marble**—Ray Cook Marble Co., 1535 Powell St., Emeryville.

**Tile**—Art Tile & Mantel Co., 221 Oak St., San Francisco.

**Painting**—Wilcoxon & Wilson, 1724 34th St., Sacramento.

**Plumbing, Sheet Metal & Heating**—M. R. Carpenter, 907 Front St., Sacramento.

As previously reported, windows awarded Soule Steel Co., 1750 Army St., San Francisco.

**Reinforcing Steel**—Concrete Engr. Co., 1280 Indiana St., San Francisco.

**Terrazzo**—California Terrazzo Marble Co., 2085 San Bruno Avenue, San Francisco.

**Jamba**—Forderer Cornice Works, 269 Potrero Ave., San Francisco.

**Bids Wanted—To Close May 7, 1 P. M.**

**POST OFFICE** Est. Cost, \$73,000  
**DOWNEY, Los Angeles Co., Cal.** SE corner of 2nd and La Reona.

New United States Post Office.  
Owner—United States Government.  
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldg. Branch, Washington, D. C. No deposit required.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Herring-Hall-Marvin Safe Co., 214 California St., at \$358, awarded contract by Public Works Office, 12th Naval District, Room 353, Federal Office Bldg., Civic Center, San Francisco, for two time locks to be furnished and installed on vaults in Rooms 310-A and 353, Federal Office Bldg., Civic Center, San Francisco, under Spec. No. 8412. Complete bids published March 25.

**BIDS WANTED**

**HAYWARD, Alameda Co., Calif.**—Until April 21, 10 A. M., bids will be received by the Procurement Division, Public Bldg. Branch, Washington, D. C., for asphalt composition tile flooring in the basement of the U. S. post office at Hayward.

Specifications and drawing may be obtained from the above office and from the Custodian of the building.

**BIDS OPENED**

**MARCH FIELD, Riverside Co., Cal.**—Underground Constr. Co., 6 Alvarado Road, Berkeley, at \$1,732, submitted low bid to the Construction Quartermaster, March Field, for floodlight installation at March Field. Bennett & Taylor, Los Angeles, at \$2,184, submitted the only other bid.

Bids referred to the Quartermaster General, Washington, for award

**8— CLUB BUILDINGS**

**Sub-Contracts Awarded**  
**CLUB** Contract Price, \$21,729  
**LOS BANOS, Merced Co., Cal.** W. E. Burch Subdivision

Two-story and basement concrete, frame and stucco club building (basement in the basement) stage, dressing rooms, club rooms, lavatories on main floor, composition shingle roofing, piped for gas heating system, wood sash, hardwood floors, etc.

Owner—Portuguese DES Assn., 422 J St., Los Banos.

Architect—Jos. Losekann, 1218 West Harding St., Stockton

Contractor—Frank Perera, 515 "M" St., Los Banos.

**Plumbing and Sheet Metal** R. Gardiner

**Roofing** Cross Lbr Co., Merced

**Electric Wiring**—W. L. Shumate

**Lumber & Hardware**—Bulmeyer Lbr Company  
**Painting** L. S. Ashby  
**Mill Work**—Electric Planing Mill, Stockton

All of Los Banos unless otherwise noted.

**Sub Contracts Awarded**  
**CLUB BLDG.** Cont. Pr., \$12,900

**SACRAMENTO, Sacramento County, Calif.** 27th and N Streets.

One-story brick and stucco club bldg. (meeting room, lounge and kitchen), tile roof.

Owner—Young Ladies' Institute.  
Architect—Starks & Planders, Bank of America Bldg., Sacramento.

Contractor—W. C. Keating, 1121 24th St., Sacramento.

**Roofing**—F. A. Clark, Rt. 1, Box 1888

**Plumbing**—J. J. McDermott, P.O. Box 2405

**Electric**—J. C. Hoebricht Co., 4912 Eye St.

**Heating & Sheet Metal**—Frank Z. Ahi Steel Metal Co., 2114 P St.

**Tile Work**—H. T. Fischer Tile & Marble Co., 1216 St.

**Class**—T. E. Cain, Inc., 2416 J St.

**Iron Grille Work**—Palm Iron Works, P.O. Box 746

**Lumber & Mill Work**—Burnett & Sons.

**Painting**—C. V. Brown, 2216 L St.

**Lathing & Plastering**—Thos. F. Scollan Co.

**Linoleum**—H. W. Rivett Co., 2300 Y Street

All of Sacramento.

**Bids Opened**  
**at** ASONIC TEMPLE Cost, \$200,000

**FRESNO, Fresno Co., Calif.** Stanislaus and L Streets.

Two-story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwall and acoustical plaster, hardwood interior trim, steel sash, wood block floors, linoleum floor covering, the wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.

Architect—Frederick L. Swartz, Brick Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Fowler Bldg., Fresno.

Electric—Electric Constr. Co., P.O. Box 638, Fresno.

Low Bidder—Fisher & McNulty, 327 Cory Bldg., Fresno.

Complete bids follow:

**General Work**

Fisher & McNulty, 327 Cory Bldg., Fresno \$126,952

Trewhitt, Shields & Fisher, Fresno 127,645

Harris Constr. Co., Fresno 125,422

W. C. Ochs, Fresno 138,116

W. G. Thornally, Oakland 154,780

Midstate Constr. Co., Fresno 174,871

**Mechanical Work**

Frank Hudson, 2141 S Van Ness, P.O. Box 254, Fresno 28,500

R. A. Newman Co., Fresno 29,030

Barrett Hicks Co., Fresno 30,822

Complete list of alternate bids will be published shortly.

**9— HOSPITALS**

**Contract Awarded**  
**HOSPITAL** Cost, \$

**MERCED CO., Cal.** Near Gustine.

Two-story frame, tile and concrete hospital building (22 beds) on rugged iron or asbestos roofing, warm air heating system, air-conditioning system, etc.

Owner—West Side Hospital.

Architect—Russell G. de la Paz, 1905 Keith Ave., Oakland.

Contractor—Box Krueger, 601 Pine

**Sub-Contracts Awarded****HOSPITAL BLDGS.**

Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Stockton Hospital Farm.

Group of seven buildings or units interconnected by a covered cloister (male patients), reinforced concrete construction, steel sash, tile roofs.

Owner—State of California, Department of Institutions.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Contractor—Gammill Const. Co., 800 E. St., Sacramento, \$331,762.

**Roofing**—W. L. Saxby, 4538 Fleming Ave., Oakland.

**Acoustical Tile Work**—Robt. L. Cramer Co., 50 Howard Street, San Francisco.

**Finish Tile Work & Marble Thresholds**—Meiring Tile Co., 1701 University Ave., Berkeley.

**Glass and Glazing**—W. P. Fuller and Co., Sacramento.

**Mill Work**—Pacific Mfg. Co., 454 Montgomery St., San Francisco.

**Painting**—Jos. J. Burdon & Son, 3817 Forest Hill Ave., Oakland.

**Lathing and Plastering**—M. J. King, 231 Franklin St., San Francisco.

**Metal Toilet Partitions**—Parker-Carpenter, Inc., 606 Mission St., San Francisco.

**Furnishing Interior Metal Stools and Combination Door Jambes**—Forderer Cornice Wks., Potrero Ave. and 16th St., San Francisco.

As previously reported the following were awarded under separate contracts: plumbing to M. R. Carpenter, 907 Front St., Sacramento, \$30,959; heating and ventilating to M. R. Carpenter, \$33,581; electric to Spencer Electric Co., 570 Natoma St., St. Francisco, \$12,808.

**12— POWER PLANTS****BIDS WANTED**

**HICKAM FIELD**, T. H.—Bids will be received as previously reported, until April 27, 1:30 P. M., P.S.T., by the Constructing Quartermaster, Ft. Mason, and until 11 A. M., H.S.T., by the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W 397-37-18, for the construction and completion of the electric distribution system at Hickam Field.

Bids will be taken as follows:  
 (I) Work complete, construction and completion of the electrical distribution system;

(II) (Alt.) If an electrical distribution system is constructed at Ft. Kamehameha, add;

(III) (Alt.) If repairs are made to the electrical distribution system at Fort Kamehameha, add;

(IV) Unit Price, general (unclassified) per c.y.:

(1) Excavation, trench (unclassified) per c.y.;

(2) Backfill, per c.y.;

(3) Concrete, Type A (inc. forms) per c.y.;

(4) Concrete, Type B (inc. forms) per c.y.;

(5) Reinf. steel, per ton.

The following unit prices on duct are for combinations of single, 3½-in. duct complete in place, including envelope:

(7) 2-way duct, per trench foot;

(8) 3-way duct, do;

(9) 4-way duct, do;

(10) 15-way duct, do;

(11) Manholes, Type B, each;

(12) Manholes, Type D, each;

(13) Vaults, type I;

(14) Vaults, Type II;

(15) Vaults, Type III;

(16) Cable, 2/0 3C, 15,000 volt VCLC per l.f.;

(17) Cable, No. 4, 3C, do;

(18) Apparatus, cable, No. 4, 15,000 volt, per l.f.

(19) Copper wire, bare stranded, No.

1, per l.f.;

(20) Copper wire, bare stranded, No. 6, per l.f.;

(21) Cable, metallic armored, No. 1/0 3C, 600 volt per l.f.;

(22) Cable, metallic armored, No. 4, 3C, 600 volt;

(23) Potheads, indoor type, 15,000-volt 3C;

(24) Potheads, outdoor type, do;

The following transformers 6600/11,500 Y to 115:

(25) 1½-KVA, each;

(26) 5-KVA, each;

(27) 15-KVA, each;

(28) 25-KV, each;

(29) 37½-KVA, each;

(30) 50-KVA, each;

(31) 75-KVA, each;

(32) 37½-KVA (6600/11,500 Y to 2300)

(33) 100-KV, 6600/11,500 Y to 6600)

(34) Junction boxes, 15,000 volts;

Disconnects, 7500/12,500 volts;

(35) Selector;

(36) Single throw;

(37) Double throw;

(38) Primary fence cutouts (7,500-V)

(39) Oil circuit breakers, 15,000-volt. Secondary distribution panels with lugs in mains and:

(40) 100 amp 3-wire branches;

(41) 3-100 amp do;

(42) 3-200 amp do;

(43) 2-200 amp do;

(44) 1-200 amp do;

(45) 3-in. galv. steel pipe;

(46) Fencing (including posts, mesh, barbed wire and all necessary accessories).

Plans and specifications obtainable from the Constructing Quartermaster, Fort Mason, upon deposit of certified check in the amount of \$10, payable to the Finance Officer, Fort Mason; and from the Purchasing & Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H.

Captain H. B. Nurse, Purchasing and Contracting Officer, Hickam Field.

**Bids In—Held Under Advertisment.**

**MOTOR LABORATORY**, Cost, \$.....  
**MARTINEZ**, Contra Costa Co., Calif.

Pacheco Blvd. and Arriba St.

One-story concrete and frame motor laboratory building (40x36-ft.)

Owner—Shell Oil Company.

Plans by Engineering Department of Owner.

Announcement shortly.

**Sub Contract Awarded**

**ADDITION TO PLAN**, Cost, \$200,000  
**EMERYVILLE**, Alameda Co., Calif.

7815 Poladane St.

Addition to plant (200x100 ft.), welded steel frame, composition roofing.

sawtooth roof construction, 25,000 sq. ft. of steel sash, concrete walls to sill line, concrete floors, glazing, revision of railroad trackage, one 5-ton and one 20-ton crane. Painting to be let later.

Owner—Westinghouse Electric & Mfg. Co.

Plans by Engineering Department of Owner.

Manager of Construction—P. J. Walker Co., Sharon Bldg., San Francisco.

**Structural Steel**—Judson-Pacific Co., 609 Mission St., San Francisco.

**13— PUBLIC BUILDINGS**

**FIRE HOUSES & JAILS**

**BIDS OPENED**

**SAN FRANCISCO**—Robert Garcia, 49 Geary St., at \$200 per foot, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 5534 for sinking four test holes, approximately 50 ft. deep each for the proposed central repair shop. Alameda and Harrison streets, north end of property.

Complete bids follow:

Robert Garcia—\$200 per foot.

J. B. Rogers Co.—\$196 per foot.

M. B. McGowan—\$235 per foot.

**BIDS REJECTED**

**SAN FRANCISCO**—The Board of Park Commissioners, B. P. Lamb, Secretary, Park Lodge, Fell and Stanyan Sts., Golden Gate Park, rejected all bids received for alterations and additions to Park Lodge, a two-story and basement L-shaped structure.

Work includes remodeling the attic floor (65x35 ft.) to form offices, and alterations to the first floor, involving glass partitions, plumbing, fixtures, electrical fixtures, tile roofing, dormer windows, linoleum flooring, etc.

Plans and specifications will be revised and new bids called.

**Bids Opened**

**FURNITURE, ETC.**, Cost, \$56,674  
**EUREKA**, Humboldt Co., Calif.

Items of construction, furnishing and equipment for the Eureka Municipal Auditorium.

Owner—City of Eureka (A. W. Kildale, city clerk).

Architect—Frank T. Georgeson, 137 G Street, Eureka.

Complete bids taken on thirteen items follow:

(1)—Balcony Seating

Mercer-Fraser Company.....\$1,620.00

E. S. Mackins.....1,831.00

(2)—Seating Equipment

Clarin Mfg. Co., S. F.: (a) \$2,400; (b) \$2,850.

American Seating Co.: (a) \$2,605.90;

(b) \$3,975.80 (c) \$4,078.80.

Fred E. Turner, S. F.: (a) \$2,770;

(b) \$4,250.

(3)—Acoustical Board

E. S. Mackins.....\$1,454.00

Mercer-Fraser Co.....1,736.00

R. L. Cramer Co., S. F.....2,094.00

(4)—Lobby Baiting

Paul E. Cook, Eureka.....\$1,876.82

(5)—Winship Building

E. S. Mackins.....\$2,295.00

Mercer-Fraser Co.....2,502.00

(6)—Stage Rigging and Equipment

Gill-Mann Co., S. F.....\$2,342.00

Fred E. Turner, S. F.....2,429.00

(7)—Stage Switchboard

Home Electric Co.....\$1,040.00

(8)—Stage Lighting

Fred E. Turner, S. F.....\$ 693.90

Gill-Mann Co., S. F.....695.50

(9)—Public Address System

Home Electric Co.....\$ 140.00

(10)—Exterior Winship Painting

Mercer-Fraser Co.....\$ 295.00

(11)—Winship Stucco Finish

Mercer-Fraser Co.....\$ 344.00

(12)—Auditorium Stucco Finish

Mercer-Fraser Co.....\$1,976.00

(13)—Orchestra Pit

Mercer-Fraser Co.....\$ 112.00

E. S. Mackins.....120.00

Bids were taken under advisement until March 31, 4 P. M.

**Bids Rejected**

**FIRE HOUSE**, Cost, \$.....  
**RICHMOND**, Contra Costa Co., Calif.

2 Santa Clara and Huntington Avenues.

One - story frame and plaster fire house (tile and composition roof, cement and linoleum floors).

Owner—City of Richmond (J. A. McVittie, city manager).

Architect—Keith Narbett and Irving Brown, 462 31st St., Richmond.

All bids were rejected as illegal due to low bidder, David Nordstrom, who is licensed under that name, submitting his bid at \$6,530, under the name of D. Nordstrom Company.

New bids will probably be asked in the near future.

**Bond Election**

**JAIL AND OFFICE**, Cost, \$450,000  
**FRESNO**, Fresno Co., Calif.

Four-story and basement Class A concrete construction jail and

office building (sheriff's office, District Attorney's office, Probation Office, etc.).  
 Owner—County of Fresno.  
 Architect—Allied Architects of Fresno—W. D. Coates, Jr., 623 Rowell Bldg., and H. Rafael Lake, Helm Bldg., supervising architects (W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz, and E. O. Petersen).  
 An election will be held April 12 to vote sufficient bonds to finance construction. Application will be filed with the PWA for a grant of 45%.  
 Preliminary plans have been completed.

**Structural Steel Bids Wanted—**  
**To Close April 15, 3 P. M.**  
**CENTRAL EXPOSITION TOWER**  
 Cost, \$.....  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.  
 Central Exposition Tower, approximately 400 ft. high with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood framing, and wood sheathing, wood frame decks with composition covering and plastered exterior.  
 Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 553 Bush Street.  
 Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Bids are now being received by the S. F. Public Utilities Commission, Room 287, City Hall, under Exposition Contract No. 15 for furnishing and erecting 850 tons of structural steel for the tower.  
 Plans and specifications may be obtained from Room 605, 425 Mason St., Engineer L. T. McAfee, upon deposit of \$20.00.  
 Bids will be asked within 1 week on the balance of the work.

**BIDS OPENED**  
**SAN FRANCISCO.**—H. S. Tittle Co., 85 Columbia Square, at \$18,000 submitted low bid to the Department of Public Works, Room 251, City Hall for furnishing and installing a 300-kw. D.C. turbine generator set at the power plant of the San Francisco Hospital, Potrero Ave. between 22nd and 23rd Streets.  
 Complete bids follow:  
 H. S. Tittle Co. .... \$18,000  
 Star Delta Electric Works ..... 18,430  
 Abbe H. Electric Co. .... 22,500  
 Severin Electric Co. .... 23,900

**14— RESIDENCES**

**Contract Awarded**  
**RESIDENCE** Cost, \$5,100  
**SALINAS,** Monterey Co., Calif.  
 One-story stucco residence, (shingle roof, floor furnace, wood sash, hardwood floors, etc.)  
 Owner—Frances and Ruth Jung.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.  
 Contractor—Tom W. Bissett & Sons, 41 West St., Salinas.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$16,600  
**PALO ALTO,** Santa Clara Co., Calif.  
 Two-story frame and stucco residence and garage.  
 Owner & Builder—Wells P. Goodenough, 49 Wells Ave.  
 Architect—Birge M. and David Clark, 310 University Ave.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$8,500  
**GLEN ELLEN,** Sonoma Co., Calif.  
 One-story frame and stucco residence (7 rooms), shingle tile roof, steel sash, hardwood floors, tile baths, etc.  
 Owner—Ed Small.

Architect—John Easterly, Healdsburg and Santa Rosa.

**SUB BIDS WANTED**  
**SAN FRANCISCO.**—A. F. Mattock, 212 Clara St., San Francisco, desires sub bids on all portions of the work for construction of the Meyers residence on Vallejo Street, a two-story frame and stucco structure.  
 Farr & Ward, 68 Post St., San Francisco, architects.

**Plans Being Figured — No Closing**  
**Date Set**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO,** Vallejo St.  
 Two-story frame and stucco residence (12 rooms, 6 baths), slate roof, hardwood floors, tile baths.  
 Owner—Meyers.  
 Architect—Farr & Ward, 68 Post St., San Francisco.  
 Figuring contractors are figuring the plans:  
 A. F. Mattock, 212 Clara St., San Francisco.  
 D. B. Gladstone, 557 Market St., San Francisco.  
 G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.  
 A. F. Feasey, 251 Kearny St., San Francisco.  
 Approximately ten days will be allowed for figuring the plans.

**Plans Being Figured — Bids Close**  
**April 9, 5:30 P. M.**  
**ADDITION** Cost, \$.....  
**VALLEY SPRINGS,** Calaveras Co., Calif.  
 Alterations and additions to stone residence (shingle roof, air conditioning and hot air heating system, new plumbing, brick veneer, etc.)  
 Owner—Withheld.  
 Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,100  
**BAYWOOD,** San Mateo Co., Calif.  
 One-story frame and stucco residence (elevated bedroom), wood or steel sash, terra cotta shingle or pahoo roof, hardwood floors, hot air heating system, two tile baths.  
 Owner—Withheld.  
 Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.  
 Contractor—Wilfred H. May, 459 Wisconsin Ave., San Mateo.

**Preparing Preliminary Plans**  
**RESIDENCES** Cost, \$4,000-\$5,000 ea  
**MILL VALLEY,** Marin Co., Calif.  
 Three one-story frame and stucco residences (5 rooms each), shingle roofs, hardwood floors, wood sash, tile baths, etc.  
 Owner—Name Withheld  
 Architect—E. A. Neumarkel, 2688 Greenwich St., San Francisco.

**Preparing Working Drawings**  
**RESIDENCES** Cost, \$4,500 each  
**MENLO PARK,** San Mateo Co., Calif.  
 Two one-story frame and stucco residences: hardwood floors, tile baths, shingle roofs, etc.  
 Owner—Name Withheld  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.  
 General bids will be asked in about two weeks.

**Bids In — Announcement Shortly**  
**RESIDENCE** Cost, \$6,500  
**BERKELEY,** Alameda County, Calif.  
 Berkeley Highlands  
 One-story frame and wood siding residence (5 rooms), gas fired, hot air heating system, shingle roof, hardwood floors, tile bath, etc.  
 Owner—Otto Enz, care Architect  
 Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.

**Completing Plans**  
**RESIDENCE** Cost, \$7,000  
**SAN JOSE,** Santa Clara Co., Calif.  
 Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, tar and gravel roof, gas furnace, wood sash, etc.  
 Owner—Name Withheld.  
 Architect—George Patton Simonds, 89 Main St., Hayward.  
 Bids will be asked the latter part of this week.

**Completing Plans**  
**RESIDENCE** Cost, \$11,500  
**HILLSBOROUGH OAKS,** San Mateo Co., Calif.  
 One-story wood rustic residence; shake roof, hardwood floors, tile bath, gas warm air heating system, etc.  
 Owner—Name Withheld.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.  
 Bids will be taken from a selected list of contractors within a few days.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$14,500  
**OAKLAND,** Alameda Co., Calif. 201 Estates Drive.  
 Two-story frame and stucco residence (8 rooms).  
 Owner & Builder—David Kestl, 2217 Browning St.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$3,500 each  
**PITTSBURG,** Contra Costa Co., Calif.  
 East Fifteenth Street.  
 Twenty 1-1/2 story frame residences (4 rooms each).  
 Owner and Builder—V. W. Pachl, 166 E 4th St., Pittsburg.  
 Architect—Not Given.

**Contract Awarded** March 29, 1937  
**RESIDENCE** Cost, \$11,000  
**SACRAMENTO,** Sacramento County, Cal. 3600 College Avenue.  
 One-story frame and stucco residence.  
 Owner—R. Gisser, 3642 19th St., Sacramento.  
 Architect—Not Given.  
 Contractor—Edw. Lee, 5341 11th Ave., Sacramento.

**Contract Awarded**  
**RESIDENCE** Cost, \$9,500  
**SAN JOSE,** Santa Clara Co., Calif.  
 Emory Street.  
 Two-story frame and stucco residence.  
 Owner A. Parsons, 1232 Martin Avenue, San Jose.  
 Architect—Not Given  
 Contractor—Gibson—Wheeler Co., 19 N Second St., San Jose.

**Sub Bids Being Taken**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND,** Alameda Co., Calif. Aspinwall Road.  
 One-story frame and stucco residence (5 rooms); hardwood floors, tile bath, etc.  
 Owner—Mrs. E. R. de Chene, care Architect  
 Architect—E. R. de Chene, 361 17th St., Oakland.  
 Sub bids are now being taken by the architect.

**Plans Being Figured — Bids Close**  
**April 3, 2 P. M.**  
**RESIDENCE** Cost \$.....  
**STOCKTON,** San Joaquin Co., Calif.  
 Two-story frame residence (6 rooms), wood shingle roof, wood sash, gas furnace, hardwood and linoleum floors.  
 Owner—Withheld  
 Architect—Victor Galbraith, 221 East Acacia St., Stockton.  
 Plans are being figured by a selected list of contractors.

**Contract Awarded**

RESIDENCE Cost, \$17,000  
SAN JOAQUIN CO., Calif. Seven miles from Stockton.

Monterey style residence (11 rooms, and 3 baths), shake shingle roof, hardwood floors, oil burner fired hot air heat, steel and wood sash, tile showers, etc.

Owner—S. H. Hall.

Architect—J. U. Cloudsley, Exchange Bldg., Stockton.  
Contractor—E. Merlo, Rt. 2, Box 232, Stockton.

**Contract Awarded**

SORORITY HOUSE Cost, \$40,000  
BERKELEY, Alameda County, Calif. Warring, near Dwight Way.

Two-story frame and stucco sorority house (18 rooms), hardwood floors, tile roof, air conditioning, tile baths and showers, etc.

Owner—Kappa Delta, 2461 Warring, Berkeley.

Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

**Plans Being Figured — Bids Close**

April 3, 11:30 A. M.  
RESIDENCE Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.

Hobson Street.  
One-story wood frame and stucco residence (6 rooms, 1 bath), wood and plaster interior partitions, cedar shingle roof, oak floors, gas fired heating system, etc.  
Owner—Miss Lois Chan, San Jose.  
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

**Contract Awarded**

RESIDENCE Cost, \$7,800  
STOCKTON, San Joaquin Co., Calif.

One-story frame and stucco residence (6 rooms, 2 baths), tile floors and base in baths, steel sash, shingle roof, stucco exterior, floor furnace, hardwood plank floors, etc.

Owner—Fred Sealey.

Architect—J. U. Cloudsley, Exchange Bldg., Stockton.

Contractor—C. E. Totten, P.O. Box 833, Stockton.

**Preparing Preliminary Plans**

RESIDENCE Cost, \$5,000  
SANTA ROSA, Sonoma Co., Calif.

One-story frame and wood siding residence; shake roof, wood sash, floor furnace, hardwood floors, tile baths, etc.

Owner—Lee Crabbe, care Architect.

Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Bids will be asked in about two weeks.

**Preparing Preliminary Plans**

RESIDENCE Cost, \$4,500  
SANTA ROSA, Sonoma Co., Calif.

One-story frame and wood siding residence; shake roof, wood sash, floor furnace, hardwood floors, tile bath, etc.

Owner—E. I. Sampson, care Architect.

Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Bids will be asked in about two weeks.

**Contract Awarded**

RESIDENCE Cont. Pr., \$13,850  
SAN FRANCISCO, Francisco Hgts., Beaumont Ave., near Turk St.

1½-story frame and stucco residence (6 rooms, 2 baths), composition roof, General Electric air-conditioning system, hardwood floors, tile baths, etc.

Owner—George Ferroggiaro, care architect.

Architect—Harold G. Stoner, 35 Vincent St.

Contractor—C. Lindberg, 1 Naylor

**St.**

Heating, air-conditioning and painting were awarded under separate contract.

**Contract Awarded**

RESIDENCE Cost, \$15,000  
OAKLAND, Alameda Co., Calif. 231 Sandringham Road.

Two-story frame and stucco residence (8 rooms), garage.

Owner—J. J. Budd, 575 Haddon Rd., Oakland.

Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.

Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

**Contract Awarded**

RESIDENCE Cost, \$12,046  
REDWOOD CITY, San Mateo Co., Calif. Lot 87, Wellesley Park.

Two-story frame and brick veneer residence and separate garage.

Owner—M. W. Water, Redwood City.

Architect—Henry C. Collins, Decker Oak Bldg., Palo Alto.

Contractor—L. F. Bourquin, 128 Iris St., Redwood City.

**Preparing Working Drawings**

RESIDENCE Cost, \$16,000  
HILLSBOROUGH, San Mateo Co., Calif.

Two-story frame and stucco residence (9 rooms, 1 bath) hardwood floors, tile baths, gas warm air heating system, shake roof.

Owner—Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

General bids will be taken in about two weeks.

**Contract Awarded**

RESIDENCE Cost, \$16,000  
EAST SACRAMENTO, Sacramento Co., Calif.

Brick veneer and stucco residence (10 rooms) steel windows.

Owner—John Quincy Brown, Sacramento.

Architect—Not Given.

Contractor—Frank F. Williams, RFD 5, Box 2250, Sacramento.

**To Be Done By Day's Work**

RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO E 31st Ave. 75 N. Moraga.

Five one-story and basement frame and stucco residences.

Owner and Builder—C. T. Lindsay, 820 Taraval Street.

Architect—Not Given.

**To Be Done By Day's Work**

RESIDENCES Cost, \$3,500 ea.  
SAN FRANCISCO NW Cor. Nueva and Blanken Streets.

Five one-story and basement frame and stucco residences.

Owner and Builder—Wm H. Grahn, 2955 Mission Street.

Architect—Not Given.

**To Be Done By Day's Work**

RESIDENCES Cost, \$8,000 each  
OAKLAND, Alameda Co., Cal. 2551 Castello Street.

Two one-story frame and stucco residences (6 rooms each).

Owner and Builder—J. W. Scammell, 316 Fruitvale Ave., Oakland.

Architect—Not Given.

**Contract Awarded**

RESIDENCE Cost, \$16,000  
OAKLAND, Alameda Co., Calif. Oakmead Tract.

Two-story frame and stucco residence; central gas heating system, hardwood floors, tile bath, tile roof, etc.

Owner—Not Given.

Architect—E. R. de Chene, 361 17th St., Oakland.

Contractor—J. B. Petersen & Son, 4021 Agua Vista St., Oakland.

**To Be Done By Day's Work**

RESIDENCE Cost, \$10,500  
PALO ALTO, Santa Clara Co., Calif. 450 Santa Rita Ave.

Two-story frame and stucco residence and garage.

Owner & Builder—E. J. Schmalzing, 865 Melville Ave.,  
Architect—Leslie Nichols, 532 Emerson St.

**Contract Awarded**

RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Calif. 3857 Lakeshore Avee.

Two-story frame and stucco residence (5 rooms).

Owner—D. A. Reed, 835 Kingston Ave.

Architect—Not Given.  
Contractor—George Windsor, 11 Sharon Ave., Piedmont.

**Contract Awarded**

RESIDENCE Cost, \$8,000  
SAN FRANCISCO, W. Masonic Ave., 125 N. of St. Rosa Ave.

One-story and basement frame and stucco residence.

Owner—J. Demartini.

Architect—Not Given.

Contractor—L. Murrer, 1274 Quesada Ave.

**Contract Awarded**

RESIDENCE Cost, \$6,500  
SAN FRANCISCO, W. Beaumont, 132 N. of Turk St.

One-story and basement frame and stucco residence.

Owner—Konrad Kick, care Contractor.

Architect—John Davis Young, 2002 California St.

Contractor—Herman Hogrefe, 359 24th Ave.

**Contract Awarded**

RESIDENCE Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif. One-story frame and stucco residence (six rooms), shake roof, hardwood floors, tile bath, gas fired heating system, garage.

Owner—Clarence D. Hoover.

Architect—C. K. Sumner, Decker oak Bldg., Palo Alto.

Contractor—Ralph C. Knight, 595 Bailey Ave., Mtn. View.

**Contract Awarded**

RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Cal. Golden Gate Ave.

One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, tile roof, central gas heating system, etc.

Owner—H. O. Schmidt.

Architect—E. R. de Chene, 361 17th St., Oakland.

Contractor—James W. Youngman, 491 Hawthorne Ave., Oakland.

**Contract Awarded**

RESIDENCE Cost, \$11,900  
HILLSBOROUGH PARK, San Mateo Co. Part of Lots F and J.

Two-story frame and stucco residence and garage.

Owner—Allan See, Hillsborough.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

**Plans Being Figured — Bids Close**

April 12  
RESIDENCE Cost, \$9,500  
BAKERSFIELD Kern Co., Calif. New residence.

Owner—Dr. Vizario.

Architect—C. C. Cullimore, 110 Otlander St., Bakersfield.

Following contractors are figuring the plans:

A. H. Hackney, 1669½ Chester Ave., Bakersfield.

Bill Summers, Bakersfield.

W. K. Michael, 600 Bernard, Ba-

**Lersfield.**  
L. H. Moon, 417 B St., Bakersfield.  
**Bids In—Under Advisement**  
**RESIDENCE** Cost, \$ .....  
PIEDMONT, Alameda Co., Cal. St. James Wood.  
**Residence.**  
Owner—Wittheld.

**Architect—Miller and Warnecke, Financial Center Bldg., Oakland.**  
Bids were received from a selected list of contractors. Further announcement will be made shortly.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$14,500  
PIEDMONT, Alameda Co., Calif. 201 Estates Drive.  
Two - story frame and stucco residence (8 rooms).  
Owner & Builder—David Kesti, 2217 Browning St.  
**Architect—Not Given.**

**Contract Awarded**  
**RESIDENCE** Cost, \$5,100  
MARIN COUNTY, Del Mesa Tract  
Between Ross and Kentfield.  
1½-story frame and wood siding residence (hardwood floors, tile bath, etc.)  
Owner—Gordon Michie.  
Architect—A. H. Lamb, Mill Valley.  
Contractor—C. H. Franzen, 883 54th St., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,300  
OAKLAND, Alameda Co., Cal. Liggett and Simms Drive, Montclair Acres.  
One-story frame and stucco residence.  
Owner—C. De Martini.  
Architect—E. O. Blodgett, 1989 Hoover Ave., Oakland.  
Contractor—H. A. Schenk, 415 Railroad Ave., Corte Madera.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
OAKLAND, Alameda Co., Calif. 63 Wildwood Gardens.  
Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, etc.  
Owner—C. W. McCormick, 2062 Lakeshore Ave.  
Architect—Keith E. Ponsford, 900 Chestnut Road, Oakland.  
Contractor—Randolph F. Parks, 2104 Addison St.

**Bids Opened**  
**RESIDENCE** Cost, \$6,500  
BERKELEY, Alameda County, Calif. Berkeley Highlands.  
One - story frame and wood siding residence (5 rooms), gas fired, hot air heating system, single roof, hardwood floors, tile bath, etc.  
Owner—Otto Enz, care Architect.  
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.  
Low Bidder—Leonard & Dorrett, 234 Cornell Ave., Albany—\$6,675.  
Complete bids follow:  
Leonard & Dorrett, Albany ..... \$6,675  
Parsons & Williams, Oakland ..... 6,784  
W. Vernon Bernard, El Cerrito ..... 7,252  
Frank A. Stead, Berkeley ..... 7,478

**CONTRACT AWARDED**  
SANTA BARBARA, Calif.—Charles M. Urton, 18 N. Calle Alamo, Santa Barbara, awarded contract for extensive additions to a residence at Rancho Juan y Lolita in the Santa Ynez valley, Santa Barbara county, for John J. Mitchell, El Mirador, Santa Barbara. Plans for the improvements, which will cost approximately \$100,000 were prepared by Edwards & Plunkett, 114 E. de la Guerra, Santa Barbara.

**Plans Completed — To Be Done By Day's Work**  
**RESIDENCES** Cost, \$3,500 each  
SHARPS PARK, San Mateo Co., Cal.

Three one-story frame and stucco residences (5 rooms each), hardwood floors, linoleum floors and wall covering in baths, linoleum kitchen sinks.  
Owner & Builder—W. B. Martin.  
Architect—Conrad T. Kett, 519 California St., San Francisco.

**Plans Being Figured**  
**ALTER RESIDENCE** Cost, \$.....  
SAN FRANCISCO, Calif. 2417 Broadway.  
Alterations to residence.  
Owner—Dr. Ralph Soto-Hall, care Architect.  
Architect—W. W. Wurster, 260 California St.  
Plans are being figured by the following selected list of contractors:  
George H. Hansell, 1834 Geary St.  
D. B. Gladstone, 557 Market St.  
H. W. Edwards, 422 39th Ave.  
All of San Francisco.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$10,000  
SAN FRANCISCO, Divisadero St.  
Alterations and additions to residence (addition of wood panel library, servants' room, terrace and two-car garage).  
Owner—Wittheld.  
Architect—Leo Sharps, 1319 Howard Ave., Burlingame.  
Contractor—A. E. Matlock Co., 212 Clara St., San Francisco.

**15—SCHOOLS**

**Low Bidders**  
**RECONSTRUCT SCHOOL** Cost, \$.....  
TAFT, Kern Co., Calif.  
Reconstruction of north and south wings of high school.  
Owner—Taft Union High School District.  
Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.  
Following low bids on each segregation have been recommended to PWA for award:  
(1)—General Construction  
L. H. Hansen & Son, 934 Starford Ave., Fresno ..... \$113,144  
(2)—Heating and Plumbing  
Frank Hudson, 2141 S Van Ness Ave., Fresno ..... \$12,800  
(3)—Hardware  
Pioneer Mercantile Co., Taft \$1,680.58  
(4)—Linguleum and Window Shades  
Taft Furniture & Hardware Division ..... \$2,854.59  
No recommendation for award was made on electrical bids, which have been taken under advisement.

**Preparing Plans**  
**INSULATE AUDITORIUM** Cost, \$900  
GUERNEVILLE, Sonoma Co., Calif.  
Insulate Guerneville Elementary Sch. auditorium.  
Owner—Guerneville Elementary Sch. District.  
Architect—John Easterly, Healdsburg and Santa Rosa.

**Preparing Preliminary Plans**  
**HIGH SCHOOL** Cost, \$50,000  
POINT ARENA, Mendocino Co., Cal.  
One-story frame and stucco high school with composition roof to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and an auditorium to seat 200.  
Owner—Point Arena High School District.  
Architect—Clarence Cankins, Rosenberg Bldg., Santa Rosa.

**Completing Plans**  
**SCHOOL** Cost, \$.....  
SAN MATEO, San Mateo Co., Calif. Peninsula Avenue.  
New Peninsula Avenue Elementary School.  
Owner—San Mateo Elementary Sch. District.

Architect—T. M. Edwards, 9 Geary St., San Francisco.  
As previously reported, Foley & Doettcher, San Mateo, were awarded the wrecking contract.  
General bids will be asked in one month.

**Plans Completed**  
**SCHOOL** Cost, \$.....  
OROSI, Tulare Co., Calif.  
Four-room addition to high school.  
Owner—Orosi Union High School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Application has been filed with the PWA for a grant of 45% to aid in financing construction. Amount of the grant will determine type of construction. A bond issue of \$300,000 was approved January 8.

**BIDS WANTED**  
COALINGA, Fresno Co., Calif.—Until April 5, 7:30 p.m., bids will be received by the Coalinga Union High School District, in the High School building, Coalinga, for illustrating two (2) tennis courts at the High School grounds.  
Plans and specifications may be seen at the office of the Secretary, T. H. Robinson, 229 Fifth St., Coalinga.

**Preliminary Plans Completed**  
**AUDITORIUM** Cost, \$.....  
BAKERSFIELD, Kern Co., Calif.  
New auditorium.  
Owner—Beadley School District.  
Architect—Symmes & Willard (Stanton Willard), architect; Ira W. Hoover, architect, consultant; 215 Haberfelde Bldg., Bakersfield.

**Plans Being Figured — Bids Close April 13, 7:30 P. M.**  
**ADDITION** Cost, \$.....  
YREKA, Siskiyou Co., Calif.  
Two-room addition to Tule Lake High School.  
Owner—Siskiyou U. H. S. District (E. H. Kaupp, Clerk).  
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Bids will be received by the Board of Trustees, in the clerk's office, High School Building, Yreka.  
Plans and specifications obtainable from the office of the architects and from J. E. Hurley, Superintendent of the High School District, Yreka, upon deposit of \$10.

**Plans Being Prepared**  
**LOCKER ROOM** Cost, \$.....  
CORCORAN, Kings Co., Calif.  
Boys' locker room addition at High School gymnasium (27x302 ft.).  
Owner—Corcoran Union High School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Application has been filed with the PWA for a grant to assist in financing. A bond issue of \$15,070 was approved March 15.

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
LODI, San Joaquin County, Calif.  
One-rm addition to Garfield School (check former construction).  
Owner—Lodi Grammar School Dist.  
Architect—Peter Saly, 225 N. Commerce Street, Stockton.  
Work will be financed by proceeds of a \$125,000 bond issue voted March 16.  
Working drawings will be completed in about two weeks.

**Preparing Working Drawings**  
**ADDITION** Cost, \$.....  
LODI, San Joaquin County, Calif.  
Additions and alterations to Emerson School.  
Owner—Lodi Grammar S. School Dist.  
Architect—Peter Saly, 225 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$125,000 bond issue voted March 16.

Working drawings will be completed in about two weeks.

#### Preparing Working Drawings

**ALTERATIONS** Cost, \$.....  
LODI, San Joaquin County, Calif.  
Alterations to heating system in Lincoln School.

Owner—Lodi Grammar School Dist.  
Architect—Peter Sala, 2130 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

Working drawings will be completed in about two weeks.

#### Preparing Working Drawings

**ADDITION** Cost, \$.....  
LODI, San Joaquin County, Calif.  
One-story frame and stucco unit at library and shop addition) flat roof.

Owner—Lodi Grammar School Dist.  
Architect—Peter Sala, 2130 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

Working drawings will be completed in two or three weeks.

#### Working Drawings Being Completed

**ADDITION** Cost, \$20,000  
KING CITY, Monterey Co., Calif.  
Elementary school addn. (2 rooms) frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc.

Owner—King City Grammar School District.  
Architect—Chas. E. Butler, 7 Winham St., Salinas.

Plans and specifications will be forwarded to the State Division of Architecture, Sacramento, this week, for approval.

#### Bond Election

**GYM & SHOP** Cost, \$38,000  
DANVILLE, Contra Costa Co., Calif.  
Alamo Road.

One-story frame and concrete gymnasium bldg. and 1-story frame and concrete shop building, to be constructed at the San Ramon Valley Union High School.

Owner—San Ramon Valley Union High School District.  
Architect—N. R. Coulter, 46 Kearny St., San Francisco.

The San Ramon Valley Union High School District will vote April 23 on a proposal to issue bonds, proceeds to assist in financing construction of the gym and shop.

#### Bond Election

**ADDITION** Cost, \$10,000  
PLACERVILLE, Eldorado Co., Calif.  
Cottage and Union Streets.

Two-story classroom and auditorium addition (three classrooms, manual training shop, and auditorium to seat 1,300, stage, etc.), frame and stucco construction.

Owner—Placerville Grammar School District (James R. Johnson, Chk.).  
Architect—Jens G. Petersen, 812 26th St., Sacramento.

Date of an election to vote \$40,000 in bonds has been tentatively set for April 30. The election will be on a proposal to issue \$40,000 in bonds to finance construction. Application has been filed with the PWA for a grant of 45%, which, if approved, will reduce the cost to the district. The total improvement is not to exceed \$10,000, including the grant.

#### CONTRACTS AWARDED

**PASADENA, Cal.**—Wm. C. Crowell 495 E. Broadway, Pasadena, awarded general contract; Munger & Munger, 174 E. Union St., Pasadena, the

plumbing contract and Kenneth Fraser, 1452 N. Lake Ave., Pasadena, heating and ventilating contracts for construction of four laboratory buildings at 1201 E. California St., Pasadena, for the California Institute of Technology. Soule Steel Co. will furnish the reinforcing steel. Plans prepared by Architects Mayers, Murray & Phillip; Bertram G. Goodhue, associate, 2 W. 47th St., New York City. Group will consist of the Crelin laboratory of geology which will be three stories with basement and sub-basement, and will cover an area of 129x96 ft.; second unit of the Kerckhoff Laboratories of Biological Science to be three stories with basement covering an area 187x56 feet; the Seely W. Mudd Laboratory of Geological Science, which will be three stories with basement and sub-basement, 165x56-ft. in area, and the Charles Flannery Laboratory of Geological Science, which will be three stories with basement and sub-basement, covering an area of 124x96-ft. Construction will be of reinforced concrete, tile and composition roofing, acoustical plaster, elevators, concrete floors covered with asphalt tile, linoleum, cork tile, composition and tile marble partitions, blackboards, ornamental and wrought-iron refrigerators and compressors, bronze work, rock wool insulating, Venetian blinds copper gutters, metal lath, stone and granite, hollow metal doors, etc. The total cost, including equipment, will be \$1,300,000.

#### Bids Opened

**SHOP** Cost, \$10,000  
ROSEVILLE, Placer Co., Calif.

One-room woodworking shop building (60x80 feet), two stories in height; small mezzanine for storage space and office; concrete foundations, reinforced concrete walls, concrete floor, steel sash, wood trusses, composition roofing (the first unit of a complete shop building estimated to cost \$40,000).

Owner—Roseville Union High School District.

Architect—E. Ernst, 9 W. Cleveland St., Stockton.

**Low Bidder**—Percy Moore—\$15,194.  
Lawrence Constr. Co., Sacramento, at \$16,540, submitted the only other bid. Bids held under advisement.

#### Bond Election

**SCHOOL** Cost, \$160,000  
FORT BRAGG, Mendocino Co., Calif.

One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) steel trusses.

Owner—Fort Bragg Un. High School District.

Architect—W. E. Coffman, Fort Bragg Bldg., Sacramento.

An election will be held May 4 to vote \$160,000 in bonds to air in filed with the PWA for a 45% grant.

Preliminary plans are being prepared by Mr. Coffman.

#### Contract Awarded

**RECONSTRUCTION** Cont. Pr., \$29,945

**BERKELEY, Alameda Co., Calif.**

Structural rehabilitation of Willard Junior High School Auditorium (strengthening roof trusses, installing system to resist lateral forces, acoustical revision, additional fire protection system).

Owner—Berkeley Unified School District (Clara F. Andrews, Secy.), 2229 Divisadero St.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.

**Low Bidder**—John E. Branagh, 116

Monticello, Piedmont.  
Contractor—John E. Branagh, 116 Monticello, Piedmont.

#### Planned

**HIGH SCHOOL** Cost, \$150,000  
SAN ANSELMO, Marin Co., Drake Blvd., near Morningglade Court.

New Junior Tamalpais High School. Owner—Tamalpais High School District.

Architect—Not Selected

### 16—BANKS, STORES AND OFFICES

#### Plans Being Formed — Bids Close

April 8, 11 A. M.

**OFFICE BLDG.** Cost, \$.....

MODESTO, Stanislaus Co., Calif.

One-story reinforced concrete office bldg. (tile roof, concrete floors and walls, Johns-Manville tile floor covering, combined cooling and heating system, etc.).

Owner—Stanislaus Mutual Fire Insurance Company.  
Architect—G. N. Hilburn, 1213 I St., Modesto.

Bids are being taken from a selected list of contractors.

#### Contract Awarded

**ALTERATIONS** Cost, \$8,000

MODESTO, Stanislaus Co., Calif.

Remodel 1-story store building (plate glass, new front, marble work).

Owner—Pacific States Bldg. & Loan Company.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Contractor—H. Tennyson, 125 Poplar Ave., Modesto.

#### Contract Awarded

**REMODELING** Cost, \$10,000

MODESTO, Stanislaus Co., Calif.

Remodel store building (new front, new show windows, etc.).

Owner—B. Steinhart, San Francisco.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Contractor—H. Tennyson, 125 Poplar Ave., Modesto.

#### Bids In—Under Advisement

**AIR-CONDITIONING SYSTEM**

FRESNO, Fresno Co., Calif. Cost, \$.....

Tulare and Fulton Streets.

Air conditioning system in Bank of America and in main office of Capital Company.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

#### LOW BIDDERS

**ENCINITAS, San Diego Co., Calif.**

—M. H. Golden, 531 Bank of America Bldg., San Diego, submitted low general contract bid to the San Diego Union High School District March 29,

at \$163,412, for constructing a library and cafeteria building, gymnasium-auditorium building, nine classroom buildings and special concrete work and paving at the high school in Encinitas, a PWA project. Recommendation has been made to the PWA that the general contract be awarded to Mr. Golden at \$118,315, which contemplates omitting the screens in the gymnasium and classrooms, the asphalt paving and Unit D-3. Other low bids were: Fred A. Heilborn, 1446 Fifth Ave., San Diego, on the heating and ventilating at \$14,136; John H. Simpson, 524 S. Raymond Ave., Pasadena, on the electrical work at \$32,950; Knox & Stout, 420 Fourth St., Santa Ana, on the plumbing at \$28,853. No recommendations have been made for awards of contracts for the mechanical and electrical work. Lillian J. Rice, Rancho Santa Fe, architect; Stanley Burne, Rancho Santa Fe, structural engineer; Harold A. Stockley, 560 S. Main St., Los



Angeles, mechanical engineer.

**Contract Awarded**  
**STORE** Cost, \$4,851  
**SAN JOSE**, Santa Clara Co., Calif.  
 One-story grocery store building (40x45 ft.), plaster exterior, composition roof, Oregon pine floors.  
 Owner—Mr. Russo.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.  
 Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.

**To Be Done By Day's Work**  
**OFFICE** Cost, \$4,500  
**SAN RAFAEL HIGHLANDS**, Marin Co., Calif.  
 One-story tract office building, with two-story observation tower (tower exterior).  
 Owner—F. C. Dougherty.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

**PREPARING PRELIMINARY PLANS**  
**LOS ANGELES CO.**, Cal.—Architect Claud Beelman, 1019 Union Bank Bldg., is preparing preliminary plans for alterations to the second story of the building on the southeast corner of Sixth and Olive Sts., for the Union Pacific Railroad Company. Cost, \$100,000.

**Sub-Contracts Awarded**  
**STORE** Cost, \$10,000  
**SACRAMENTO**, Sacramento County, Calif., 2315 J Street.  
 Owner—J. C. Hobrecht.  
 One-story store building.  
 Architect—Not Given.  
 Contractor—Frank P. Williams, RFD 5, Box 2250, Sacramento.  
 Cement—E. L. Clark, 3517 Miller St., Sacramento.  
 Brick—W. J. Clifford, 2815 S Street, Sacramento.  
 Lumber—Friend & Terry Lbr. Co., Front and S Sts., Sacramento.  
 Plumbing—Luppen & Hawley, Inc., 3125 J St., Sacramento.

**To Be Done By Day's Work**  
**OFFICE BLDG.** Cost, \$10,000  
**SANTA CRUZ**, Calif. River and Quintana Sts.  
 Rustic redwood office, administration and stockroom building (54x45 ft.).  
 Owner—Santa Cruz Lumber Company, Santa Cruz.  
 Plans by Company Architect Charles Lawrence.  
 Present building on site will be moved to back of yard temporarily and later wrecked or sold.

**Contract Awarded**  
**STORE BLDG.** Cost, \$12,000  
**FRESNO**, Calif., 530 Van Ness Ave.  
 New store building.  
 Owner—Pacific Mill & Mine Supply Co., 654 Van Ness Ave.  
 Architect—Not Given.  
 Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

**Sub Contracts Awarded**  
**DRIVE-IN MARKET** Cost, \$30,000  
**STOCKTON**, San Joaquin Co., Calif. SW El Dorado St. and Harding Way.  
 Drive-in market (L-shaped, 34x151 ft. and 34x121 ft.), frame and stucco construction, service station and refreshment stand in center of parking area of 9,000 sq. ft., etc.  
 Owner—John A. Ciesak, Stockton.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
 Contractor—Frank P. Williams, RFD 5, Box 2250, Sacramento.  
**Lumber**—Stockton Lumber Co., El Dorado and Jackson Sts., Stockton.  
**Cement**—Stockton Ice & Fuel Co., 33 S. El Dorado St., Stockton.

**Plans Completed**  
**STORE** Cost, \$14,000  
**MONTEREY**, Monterey Co., Cal. Del Monte Ave.  
 One-story and mezzanine store bldg.; concrete exterior, Oregon pine on concrete floors, etc.  
 Owner—E. B. Gross, Monterey.  
 Architect—C. J. Ryland, Box 790, Monterey.

**Plans Being Prepared**  
**MARKET** Cost, \$25,000  
**MADERA**, Madera Co., Calif.  
 Drive-in Market building, concrete construction.  
 Owner—O. F. Fisher, care Architect.  
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.

**Low Bidder**  
**ALTERATIONS** Cost, \$ ----  
**MODESTO**, Stanislaus Co., Calif.  
 Remodel 1-story store building (plate glass new front, marble work).  
 Owner—Pacific States Bldg. & Loan Company.  
 Architect—G. N. Hiburn, 1213 I St., Modesto.  
**Low Bidder**—H. Poplar Ave., Modesto.  
 H. Tennyson, 125 Poplar Ave., Modesto.

**Low Bidder**  
**REMODELING** Cost, \$10,000  
**MODESTO**, Stanislaus Co., Calif.  
 Remodel store building (new front, new show windows, etc.).  
 Owner—B. Steinhart, San Francisco.  
 Architect—G. N. Hiburn, 1213 I St., Modesto.  
**Low Bidder**—H. Tennyson, 125 Poplar Ave., Modesto.

**OPERATIONS BUILDING**  
 Contract Price, \$117,050  
**HICKAM FIELD**, T. H.  
 Wing Operations Building, including utilities.  
 Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field).  
 Plans prepared by the office of the Quartermaster General, Construction Division, Washington, D. C.  
 Contractor—Ralph E. Woolley, Honolulu, T. H.  
 Contract awarded on a basis bid of \$117,100, less a deduction of \$1,200 (Item III) for copper and bronze finish in lieu of aluminum, and a deduction of \$150 (Item V) for asphalt tile in lieu of linoleum, and an addition of \$1,500 (Item VII) for polished acetate tinted glass in lieu of D.S.A. quality glass.

**Contract Awarded**  
**REMODELING** Cost, \$20,000  
**STOCKTON**, San Joaquin Co., Calif. Main and San Joaquin Sts.  
 Remodeling exterior and altering interior of store building (additional windows, new main entrance, obliterating old entrances, removing existing stairway and constructing new stairway, etc.).  
 Owner—Smith & Lang, Main and San Joaquin Sts., Stockton.  
 Architect—Glen Allen, 412 E. Market St., Stockton.  
 Contractor—Lewis & Green, P.O. Box 121, Stockton.

**Contract Awarded**  
**STORE BLDG.** Cont Price, \$37,490  
**OAKLAND**, Alameda Co., Cal. Piedmont Ave. near 40th Street.  
 One-story and part basement frame Class B store building.  
 Owner—M. B. Slagges, Oakland.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—V. A. Kaufenberg, Box 12, Rio Vista.  
 Complete bid published March 25. The name of the contractor was omitted in error in the issue of March 26.

**CONTRACT AWARDED**  
**SANTA MONICA**, Los Angeles Co., Calif.—Stanton-Reed Co., 816 W. 5th St., Los Angeles, awarded contract for construction of a new 2-story office building in Santa Monica for the Southern California Edison Co., 601 W. 5th St., Los Angeles. Air conditioning and acoustic ceilings will be let under separate contracts. Plans prepared by owner's engineering department. Cost, \$90,000.

**Contract Awarded**  
**STORES & APTS.** Cont. P., \$10,730  
**MILL VALLEY**, Marin Co., Cal. Locust Avenue.  
 Two-story frame and stucco store & apartment building (2 stores, 2 apts.), tar and gravel roof, wood sash).  
 Owner—C. Gardner.  
 Architect—Walter C. Falch, Hearst Bldg., San Francisco.  
 Contractor—O. S. Prichard, Sunnyside and Carmelita Sts., Mill Valley.  
 Complete bids follow:  
 O. S. Prichard, Mill Valley.....\$10,730  
 G. W. Gaither, San Rafael.....10,993  
 Lambert & Troble, San Rafael.....11,666  
 Vincent Maggio, San Jose.....11,900

**Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$35,000  
**SAN JOSE**, Santa Clara Co., Calif. NE Cor. First and San Carlos.  
 Remodel ground floor of three-story building (new terrace floors, 4 new entrances), new kitchen and rest room on second floor, etc.  
 Owner—H. R. Fry, Wilcox Building, San Jose.  
 Architects—Milton A. Anderson and Alvan E. Nordstrom, 608 Transamerica Bldg., Los Angeles.  
 Contractor—Henry A. Bridges, 1398 Lincoln Ave., San Jose.

**Roofing**—Bush Roofing Co., 750 Stockton Ave.  
**Plumbing & Heating**—Mark Cox, 1091 Carolyn Ave.  
**Electric Wiring**—Russell Electric Co. Sheet Metal Farmers Union, 151 W. Santa Clara St.  
**Title Work**—Simson's Title Co.  
**Glass**—LeDeit Glass Co., 762 Lenzen Ave.  
**Terrazzo**—S. F. Terrazzo Co., 3rd Third St., San Francisco.

**Hardwood Floors**—A-I Floor Co.  
**Brick**—F. Fisher & Co., 110 Martin Ave.  
**Fixtures**—Mullen Mfg. Co., 60 Ranch St., San Francisco.  
**Lumber**—Leo Chem, 1041 Lennon Way.  
**Mill Work**—Pacific Mfg Co., Santa Clara.

**Hardware**—San Jose Hdwe. Co., 62 W San Fernando  
**Painting**—Bud Galichutti, 123 South Third St.  
**Lathing & Plastering**—San Checatno, 420 Race St.  
**Founding**—Liquid Carbonic Co., Agnew St.  
**Dumbwaiter**—Otis Elevator Co., 1 Bench St., San Francisco.  
**Elevator**—Otis Elevator Co., 34 Harriot St., San Francisco.  
 All of San Jose, unless otherwise stated.

**Contract Awarded**  
**STORE, ETC.** Cost, \$6,500  
**OAKLAND**, Alameda Co., Cal. 6544 Moraga Road.  
 Two-story store building and residence (7 rooms).  
 Owner—Paul Pause.  
 Architect—F. H. Slocombe, 41st and Piedmont Aves.  
 Contractor—H. E. Williams, 839 Creed Road.

**Bids In—Held Under Adjudgment.**  
**STORE BLDG.** Cost, \$12,000  
**SAN FRANCISCO**. Cole and Carl Streets  
 One-story frame and stucco store building.  
 Owner—Withheld.

Architect—Jorgensen and Delchmann associated architects, 321 Bush. Announcement Monday.

**Sub-Contracts Awarded**  
**DEFOT** Cost, \$500,000  
 SAN FRANCISCO. Fourth St. and Pioneer Place.

Two - story and basement steel and concrete railway and bus terminal (29,000 sq. ft.); first floor: ticket concourse, waiting room, rest rooms for men and women, loading and unloading platforms and bus driveway areas; second floor: offices & baggage rooms; basement: company garage, mechanical facilities, heating plant.

Owner—Santa Fe Railway Co., 114 Sansome Street.  
 Plans by Engineering Dept. of Owner (H. L. Gilman, Architect; M. C. Blanchard, Chief Engineer), Kerckhoff Bldg., 121 East Eighth St., Los Angeles.

Contractor—F. J. Walker Co., Sharon Building.

**Reinforcing Steel** — Bethlehem Steel Co., 210th and Illinois Sts.

**Concrete**—John Cassarotto, 345 Berry Street.

Sub-bids are now being received on hardware and sprinklers.

**Sub Contracts Awarded**

**ADDITION** Cost, \$80,000  
 OAKLAND, Alameda Co., Calif. 11th and Washington Streets.  
 Addition of one-story (23,000 sq. ft.) to Whitthorne & Swan store bldg. of reinforced concrete, Class C construction.

Owner—Hale Bros., Inc.  
 Architect—George T. deColmesml, de Young Bldg., San Francisco.  
 Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contractor—Dinwiddie Construction Co., Inc., 219 Crocker Bldg., San Francisco.

**Ornamental Iron**—Star Ornamental Iron Works, 227 Bay St., San Francisco.

**Title**—Meiring Tile Co., 1701 University Ave., Oakland.

**Plumbing**—Max Finzel Plumbing Co., 2025 Hopkins St., Oakland.

**Heating**—The Scott Company, 113 10th St., Oakland.

**Electric**—Kerr & Clifford, 3525 E. 14th St., Oakland.

**Bid Opening Date Postponed Until Latter Part of Week**

**STORE BLDG.** Cost, \$17,500  
 SAN FRANCISCO. N. Chestnut St., 88 W. of Scott St.  
 One-story steel and concrete Class C store building (approx. 53x137 ft.) to be used as a large market;

**Sub-Contracts Awarded**

**ALTERATIONS** Cost, \$6,000  
 SAN FRANCISCO 333 Montgomery. Alterations to office building.  
 Owner—Louis R. Lurie.  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Bros., 206 Sansome Street

**Steel Hoisting Tower**—Steel Form Contr. Co., 688 Harrison St.  
**Structural Steel**—Western Iron Wks., 141 Beale Street.

**Contract Awarded**  
**STORE** Contract Price, \$24,673  
 MARTINEZ, Contra Costa Co., Calif. New two-story reinforced concrete furniture store building (60x90-ft.) wood joints, steel sash, composition roof.

Owner—G. M. Huffman

Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Geo. Petersen, 1841 Bancroft Ave., San Leandro.

Bids were taken as follows: Item

(1) Figuring length of building at

90-ft. according to plans and specifications and Item (2) deduction for setting the building back three feet to comply with local building regulations.

Complete bids follow:  
 Geo. Petersen, San Leandro

dro	(1)	\$25,073
E. J. Freethy, Richmond	(2)	400
	(2)	25,397
A. J. Hopper, Oakland	(1)	25,500
	(2)	400
J. Q. Renfrow, Oakland	(1)	27,340
	(2)	350
Miller Const. Co., S. F.	(1)	28,685
	(2)	300
Lewis & Clark, S. F.	(1)	28,500
	(2)	300

## 17— THEATRES

**Contract Awarded**  
**SAN FRANCISCO**, 956 Geneva Ave.  
**ALFIE THEATRE** Cost, \$10,000  
 Alterations to theatre.  
 Owner—Amazon Theatre Co., 25 Taylor St.

Architect—A. A. Cantin, 64 Pine St.  
 Contractor—A. J. Hopper, 25 Taylor St.

**Working Drawings Being Completed**

**ALTERATIONS** Cost, \$15,000  
**PITTSBURG**, Contra Costa Co., Calif. Remodeling theatre (re-decorating, plastering, carpentry work, beautifying lobby, new marquee, new tile floors, new men's toilets, new seating, new carpets, new electrical fixtures, etc.).

Owner—California Theatre.  
 Architect—F. Frederic Amades, 414 Dewey Blvd., San Francisco.  
 Bids will be asked shortly.

**Plans Completed**  
**THEATRE** Cost, \$10,000  
**RICHMOND**, Contra Costa Co., Calif. McDonald, Contra Costa Sts.

Reinforced concrete frame theatre to seat 800; exposed concrete front steel roof trusses, acoustical plaster, ventilating and air conditioning systems, stage equipment, etc.

Owner—United Artists Theatres of California.  
 Architect—A. R. Walker and P. Eisen, 708 Pacific Commerce Bldg., Los Angeles.

**Structural Engineer**—E. A. Evans, Pacific Commerce Bldg., Los Angeles.

Bids for the construction of the theatre, which will be operated by the Fox West Coast Theaters Corp., Los Angeles, will be taken within a few days by the architects.

**Plans Being Figured**  
**THEATRE** Cost, \$ . . .

**SHALVETER**, Kern Co., Calif. Reinforced brick motion picture theatre (50 x 150 ft.), steel trusses, seamed metal roof, air washer, concrete floor, etc.

Owner—Mr. Frank Panero.

Architect—Franklin & Kump, Harborfield Bldg., Bakersfield.

Following contractors are figuring the plans:

Graham & Dornandy, Drawer L, Delano.

Frank A. Greenough, 130 Lincoln St., Bakersfield.

Opperman & Co., 1327 Orange Dr., Bakersfield.

Willard K. Michael, 600 Bernard, Bakersfield.

John N. Harvey, Rt. 2, Box 309-A, Bakersfield.

Midstate Constr. Co., 245 Clinton Ave., Fresno.

Fisher & McNulty, 327 Cory Bldg., Fresno.

R. Hodson & Son, 510 Second St., Porterville.

**Plans Being Prepared**

**ALTERATIONS** Cost, \$10,000

**SAN FRANCISCO**, 2465 Mission St. Alterations to theatre building (new front, new marquee, redecorating, etc.).  
 Owner—Majestic Theatre, 2465 Mission St., San Francisco.  
 Architect—S. Chas. Lee, 25 Taylor St., San Francisco.

## 19—MISC. CONSTRUCTION

**Preparing Preliminary Plans**  
**DANCE PAVILION** Cost, \$ . . .  
 NEAR HEALDSBURG, Sonoma Co., Maryland on the Russian River. One-story frame dance pavilion.  
 Owner—Owen Sweeten.  
 Architect—John Easterly, Healdsburg and Santa Rosa.

## NEW BIDS ASKED

**ALAMEDA** and Contra Costa Cos. Cal.—Until April 12 4 P. M., new bids will be received by the Board of Directors of Point Highway District No. 13, Supervisors' Rooms, Hall of Records, Oakland, under Schedule "H", for the construction of steel structures for the completion of the Broadway Low Level Tunnel.

The work involves 140,000 lbs. of light structural steel trusses and purlins for installation at each end of the tunnel to support the lower structure.

The Board rejected the only bid received March 31, that of Moore Dry Dock Co., foot of Adeline Street, Oakland, at \$0.162 per lb., total \$22,680.

Plans and specifications obtainable from the office of Wallace B. Boggs, Chief Engineer, 1148 Webster Street, Oakland, upon deposit of \$50.00, of which amount \$40 will be returnable.

**Contract Awarded**  
**ALTERATIONS** Cost, \$38,000

**SACRAMENTO**, Sacramento County, Calif. Seventh and L Streets.

Alterations to modernize interior and exterior of stage depot.

Owner—Pacific Greyhound Lines, Ltd. (F. W. Ackerman, Vice President).

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Contractor—Peterson & Steinbrener, 1116 O St., Sacramento.

## BIDS WANTED

**LOS ANGELES**, Calif.—Cudahy Packing Co., 808 Macy St., is taking bids from a selected list of contractors for additions to and rebuilding the company's plant at the above address. Work will include rebuilding the sausage room and adding a four-story, reinforced concrete structural steel beef cooler. C. Deuel, 405 Douglas Bldg., is the structural engineer. Plans are being figured by Wm. F. Nell Co., 4314 Loma Vista St. J. K. Thomas, 700 Cross Bldg., Long Beach; Myers Bros., 3407 San Fernando Rd.; Pozzo Construction Co., 2403 Riverside Dr.; R. E. Millsap, 603 Pacific Commerce Bldg.; Contracting Engineers Co., 2310 W. Vernon Ave. Bids are to be submitted to the owner's purchasing department in Los Angeles about April 3.

## LOW BIDDERS

**LINCOLN CO.**, Nevada—Fritz Ziebarth, 808 Security Building, Long Beach, at \$7,430, submitted low bid to the Board of Directors of the Lincoln County Power District No. 1, Pioche, Nev., for the construction of a steel tower transmission line, approximately 1½ miles long.

Three low bids follow:  
 Fritz Ziebarth, Long Beach.....\$7,430  
 Frank & Taylor, Los Angeles.....\$7,488  
 American Electric Co., S. F.....\$914

## BIDS REJECTED

**SAN BERNARDINO CO.**, Calif.—The Metropolitan Water Dist. rejected all bids for an evaporator sur-

face-type cooling and electric heating conditioning system in each of 24 cottages located in San Bernardino and Riverside counties, along the line of the Colorado River Aqueduct, near the Gene, Iron Mountain, Eagle Mountain, and Hayfield pumping plants, Spec. No. 192. J. Herman Co. had submitted the low bid at \$21,767.

**PREPARING PRELIMINARY PLANS**

**BAKERSFIELD, Kern Co., Calif.**—Architect Kenneth S. Wing, 501 Termino Ave., Long Beach, is preparing preliminary plans for a twenty-unit frame and stucco motor court to be built in Bakersfield for a client.

**BIDS WANTED**

**ARCADIA, Los Angeles Co., Calif.**—Until April 6, 8 p.m., bids will be received by the Arcadia city council for a frame and stucco pump house to be built at the Arcadia city wells. Plans and specifications are on file at the office of W. H. Nesbitt, city clerk.

**BIDS WANTED**

**INGLEWOOD, Los Angeles Co., Calif.**—Until April 6, 7:30 p.m., bids will be received by the Inglewood city council for furnishing and installing the following equipment in the children's pool at Centinela Park: Two 54-inch filtering tanks, together with the necessary fittings, underdrains and accessories; one circulating pump and electric motor; and the necessary additions to the existing Wallace & Tiernan type MSPM chlorinator to form a chlorinator which will at the same time feed a definite amount of chlorine to the large pool and to the children's pool. Certified or cashier's check or bond for 10% must accompany each bid. Specifications are on file in the office of Otto H. Duclue, city clerk.

**BIDS WANTED**

**SAN FRANCISCO**—Until April 10, 10 A. M., bids will be received by the Signal Officer, Headquarters, Ninth Corps Area, Presidio of San Francisco, Col. O. S. Albright, Contracting Officer, under Bid No. 1084 SC 37-3, for the installation of telephone cable at Fort Mason and the Presidio of San Francisco. Specifications obtainable from the above office.

**BIDS OPENED**

**NATATORIUM** Cost, \$  
**SAN LUIS OBISPO, San Luis Obispo Co., Calif.**

One-story reinforced concrete natatorium (swimming pool and locker rooms), tile and composition roofing, at California Polytechnic School.  
Owner—State of California.  
Architect—Geo. B. McDougall, 815 E. Architect, Public Works Building, Sacramento.

Low bids follow:  
General—Peter F. Shelby, 3500 Alma Ave., Manhattan Beach, \$64,946.  
Mechanical—Scott Co., 243 Minna St., San Francisco, \$20,837.  
Electrical—California Electric Co., Los Angeles, \$3,624.  
Complete bids follow:

**General Work**  
Peter P. Shelby, Los Angeles \$64,946.00  
B. A. Howkins Co., S. F. 65,870.00  
Andy Sordal, Long Beach 67,258.00  
O. H. Strasser, Long Beach 67,160.00  
F. B. Devco, Alameda 79,790.00  
F. C. Amoroso & Sons, S. F. 73,446.00  
H. Mayson, Los Angeles 73,848.00  
Fred J. Earlv, Jr., S. F. 74,777.00  
Atlas Constr. Co. and C. F. 74,800.00  
Robinson, L. A. 74,800.00  
L. E. De Co., Los Angeles 77,600.00  
Arthur Pinner, Jr., L. A. 77,600.00  
Earl W. Herle, San Jose 78,480.00  
Chas. J. Dorfman, L. A. 78,670.00

R. J. Daum, L. A. 79,268.00  
Taylor, Pasadena 81,786.00  
C. L. Wald Constr. Co., S. F. 92,970.00  
(Continued on Next Page)  
**Plumbing, Heating & Ventilating**  
Scott Co., San Francisco 20,837.00  
Consolidated Heating & Ventilating Co., L. A. 21,600.00  
Luppen & Hawley, Sacramento 23,177.00  
Smee Plumbing & Heating Co., San Luis Obispo 24,250.00  
**Electrical**  
California Electric Co., Los Angeles 3,624.00  
Roy M. Butcher, San Jose 4,167.00  
Norman A. Russell, Santa Rosa 4,450.00

**CONTRACT AWARDED**  
**SACRAMENTO**—Moore Dry Dock Co. foot of Adeline St., Oakland, at \$7,734, awarded contract by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-164, for drydocking, painting and repairing the U. S. Engineer Department 20-in. pipeline dredge, "San Joaquin."

**BIDS WANTED**  
**SAN FRANCISCO**—Until April 15, 3 P. M., bids will be received by the Public Utilities Commission, Room 257, City Hall, under Contract No. 40, for constructing a field lighting control board to be installed on the fourth floor of the new administration building at San Francisco Airport, Mills Field.  
T. McAtee, Utilities Engineer.  
Plans and specifications obtainable at Room 605, 425 Mason Street, upon deposit of \$5.00.

**BIDS OPENED**

**SAN FRANCISCO**—California Wrecking Co., 44 1/2 St., at \$275, submitted low bid to the Department of Public Works, Room 251, City Hall, for wrecking and removal of a two-story brick and frame building on Oregon Street at the Embarcadero.  
Complete bids follow:  
California Wrecking Co. \$ 275  
Svmon Brothers 375  
Yassillo & Co. 390  
H. Misrack & Co., Inc. 419  
L. Colu 1,000  
M. Bertolino 1,250

**20—MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**  
**GOVERNMENT ISLAND**—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at \$2,394, discount 1/2%, 10 days, f.o.b. San Diego, submitted the only bid received and awarded contract by Frank Havnie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4532, for furnishing 6,000 ft. welded steel pipe, 4-in., 12-gauge, spiral or straight seam, wrapped and dipped, with one dresser coupling complete for each length of pipe.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Columbia Steel Co., Russ Bldg., at \$1,917.55 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1754, for furnishing the plates and joint plate for the "L."

**CONTRACTS AWARDED**  
**LOS ANGELES, Calif.**—J. H. Bando Co. awarded contract by the U. S. Engineer, Los Angeles, at \$730, for furnishing treated round wood piling and Pan Pacific Piling & Construction Co. awarded contract at \$1,944 for furnishing treated round wood piling, circ. Prop. No. 271.

**CONTRACT AWARDED**  
**OAKLAND**—Johns-Manville Sales Corp., 1605 Jefferson St., Oakland, at \$4,173, awarded contract by the East Bay Municipal Utility District, John Kimball, secretary, under Spec. No. L.S. 192, for furnishing 6,000 ft. asbestos cement water pipe, Class 150.

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**BIDS OPENED**

**OAKLAND**—Steel Tank & Pipe Co., 1100 Fourth St., Berkeley, at \$10,998, submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. L. S. 193, for furnishing: (1) 1,800 ft. 36-in. diam electric welded sheet steel pipe; (2) Cement lining for above pipe. Complete bids follow:  
Steel Tank & Pipe Co., Berkeley—(1) \$9,198; (2) \$1,800; total, \$10,998.  
American Cast Iron Pipe Co., S. F.—(1) \$9,750; (2) \$1,710; total, \$11,466.

**CONTRACT AWARDED**

**OAKLAND**—Eureka Mill & Lumber Co., 3615 E. 14th St., Oakland, at \$2,822.49, awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 854, for furnishing 63,000 lb. Oregon Pine lumber, f.o.b. Corporation Yard, 22nd and Adeline Sts., Oakland.

**CONTRACT AWARDED**

**SAN FRANCISCO**—W. C. Hauke & Co., 280 San Bruno Ave., at \$3,755.4 per 100 lbs. total, \$1,800.01, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1740, for furnishing approximately 30,000 lbs. of reinforcing steel for Galileo High School Underpass (WPA project).

**CONTRACT AWARDED**

**SAN FRANCISCO**—Sontie Steel Co., 1750 Army St., at \$3.77 per 100 lbs., total \$17,902.12, awarded contract by T. A. Brooks, Purchaser of Supplies, branch to Golden Gate Bridge, City Hall, under Bid No. 1754, for furnishing approximately 446,000 lbs. reinforcing steel for Lyon St. Approach.

**CONTRACT AWARDED**

**OAKLAND, Alameda Co., Calif.**—Gleason Steel Products Co., 1510 63rd St., Oakland, at \$65.25 awarded the contract by Oakland City Council for furnishing steel window frames for the auditorium annex (Exposition Bldg.)

**BIDS OPENED**

**SACRAMENTO, Calif.**—Columbia Steel Co., Russ Bldg., San Francisco, at \$4,022.5 per unit, total \$159.29 submitted the only bid received by the U. S. Engineer Office, Sacramento, Lieut.-Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-187, for furnishing six steel railroad rails, f.o.b. Rio Vista.  
Discount, 1/2%, 10 days, net 30 days.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Minneapolis-Moline Power & Implement Company, Sharon Bldg., San Francisco, at \$38,500 awarded contract to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1745, for furnishing and delivering structural steel casting, and accessories for ferry ships on Yerba Buena Shoals.

**CONTRACT AWARDED**

**BOULDER CANYON PROJECT, Nevada**—Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, awarded contract by the Bureau of Reclamation, Denver, Colo., at \$566.7 for ironing metalwork including a steel frame building, steel chutes and elite supports, steel headers and elite gates for the concrete masonry dam at the Boulder Dam, Boulder Canyon Project, under Spec. No. 477-D.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging Harbor Works, Excav., etc.	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Disposal Plants
24—St. Light Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Railroads	35—Tunnels
27—Fire Alarm Sys.	
28—Fire Equipment	
29—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

MERCED CO., Calif.—Until April 7, 11 a. m., bids will be received by the Board of Supervisors of Merced County, P. J. Thornlund, Clerk, Merced County Court House, for the construction of three bridges:

Bridge No. 229, in Road District No. 1. Bridge over Dry Creek on the Amsterdam and Ryland Road.

Bridge No. 257, in Road District No. 1. Bridge over Dry Creek.

Bridge No. 258, in Road District No. 4. Bridge over Slough on the Fremont Ford Road, bet. Deep Slough and Mud Slough.

Plans and specifications obtainable from the above office upon deposit of \$10.

### BIDS OPENED

SAN DIEGO.—V. R. Dennis Construction Co., 3911 5th Ave., San Diego, submitted low bid to the San Diego County Supervisors, at (1) 50-ft. width, \$16,249, and (2) alternate for 40-ft. width, \$13,749, for constructing a timber pile bridge across the San Diego River, at the Del Mar Fair Grounds. The bids were: V. R. Dennis Construction Co., San Diego—\$16,249; alternate, \$13,749.

Robert T. Dawson—\$17,249.60; alternate, \$14,391.91.

F. O. Bohnett Co., Campbell, Calif.—\$18,747; alternate, \$16,660.

Griffith Company, Los Angeles—\$18,676.66; alternate, \$15,690.35.

M. H. Golden, San Diego—\$19,517.11; alternate, \$16,622.20.

Charles and F. W. Steffen, San Diego—\$20,512.97; alternate, \$17,499.30.

Pan Pacific Piling & Construction Co., Los Angeles—\$20,669.48; alternate, \$17,804.71.

Lipscomb & Barclay, San Diego—\$21,339.39; alternate, \$17,588.19.

### CONTRACT AWARDED

LOS ANGELES CO., Cal.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at \$124,887 awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the reconstruction and widening of reinforced concrete girder bridge across the north branch of the Big Tujunga Wash, consisting of 12 spans each approximately 51-ft. in length and for the construction of a reinforced concrete girder bridge across the south branch of Big Tujunga Wash, consisting of three 55-foot spans and two 18-ft. end cantilevers.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS OPENED

NAPA RIVER, Cal.—Frankis Contracting Co., 260 California St., San

Francisco, at \$0.358 per c.y., total, \$61,268 submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 888-27-209, for dredging and disposing of about 171,141 c.y. of material in the Napa River.

Engineer's estimate, \$51,698.

The work is situated at the following locations:

(a) Dredging the channel in Napa River from a point about 200 ft. northerly from Buoy 2, near Goodluck Point, upstream for a distance of about 1800 ft., 100 ft. wide on the bottom, to a depth of 10 feet at mean lower low water.

(b) Dredging an area about 1,050 ft. long and of a maximum width of about 150 ft. on the bottom, located in and adjoining the channel in Napa River, at Horseshoe Bend, to a depth of 10 feet at mean lower low water;

(c) Dredging an area of about 1220 ft. long and of a maximum width of about 290 ft. on the bottom located in and adjoining the channel in Napa River, at Carr Bend, to a depth of 10 feet at mean lower low water;

(d) Dredging the channel in Napa River, from a point about 1,000 ft. downstream from the Napa Tannery Wharf upstream for a distance of about 6,300 ft. to the Third St. Bridge, 75 ft. wide on the bottom to a depth of 10 ft. at mean lower low water, with a widening for a length of about 900 ft. from the bend opposite the Tannery Wharf to and around Jack's Bend, so as to make a total channel width of from 150 ft. to 250 ft. on the bottom in said section, 10 ft. deep at mean lower low water.

Bids held under advisement.

### BIDS OPENED

SAN FRANCISCO.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at \$1,392, submitted low bid to the Park Commissioners, B. P. Lamb, Secretary, Park Lodge, Golden Gate Park, for pulling 19 damaged piles and replacing with new creosoted piles, and an existing 3-pile dolphin to be wrapped and bolted, at the Yacht Harbor, Marina.

Complete bids follow:  
Healy-Tibbitts Constr. Co.—\$1,392  
Duncanson Harrelson ..... 1,740  
M. B. McGowan, Inc. .... 2,378  
John M. Pannett, 58 Sutter Street, engineer.

### CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles, at \$594,207.50, awarded

contract by the Metropolitan Water District, Los Angeles, for construction of the Gene Wash and Copper Basin Dams, Colorado River Aqueduct, in accordance with Spec. No. 190.

The bid on the Gene Wash Dam, Schedule 1, was \$284,062.50, and the bid on the Copper Basin Dam, Schedule 2, was \$310,145.00.

The work is located in San Bernardino county, 13 to 20 miles by road northeast of Earp, Calif. F. E. Weymouth, General Manager and Chief Engineer.

### BIDS OPENED

PETALUMA CREEK—Frank Legg, 6016 California St., San Francisco, at \$504.13, submitted low bid to the Lighthouse Service, H. W. Rhodes, Superintendent, Custom House, under Bid No. 1854, for the construction of a 4-pile wooden structure, in about 5 feet of water, on the northerly side of Petaluma Creek Channel, adjacent to Light No. 6, approximately 1.75 mi. west Black Point railroad bridge. Each pile is to be 60 feet in length.

Complete bids follow:

Frank Legg ..... \$504.13  
Duncanson Harrelson Co. .... 784.00  
M. B. McGowan, Inc. .... 818.00  
Healy-Tibbitts Constr. Co. .... 1107.00

### BIDS WANTED

FORT BAKER, Marin Co., Calif.—Until April 6, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-230, for furnishing, driving and removing six 90-foot timber piles and four 75-ft. timber piles, and making 12 jet borings, in the vicinity of the Quartermaster Wharf at Fort Baker.

Specifications obtainable from the above office.

## 23— CANALS

### BIDS REJECTED

RIVERSIDE COUNTY, Calif.—The Metropolitan Water District, Los Angeles, has rejected all bids received March 19 for construction of Cocomb Wasteway in accordance with Spec. No. 197. The work is on the line of the Colorado River Aqueduct in Riverside County, about 14 miles northeast of Desert Center and comprises the construction of a reinforced concrete wasteway, approximately 200 ft. in length, together with transition sections, installation of steel radii gates and the backfilling of adjacent modified conduit. Hoagland Engineering and Construction Co. has submitted the low bid at \$17,594.

### BIDS WANTED

ALL-AMERICAN CANAL.—Until April 23, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, R. E. Williams, Construction Engineer, under Spec. No. 907-D, for the preparation of concrete aggregates near Sta. 90 of the All-American Canal, All-American Canal System, Boulder Canyon Project.

The work is located near Yuma, and the principal items involved are:  
(1) 12,000 c.y. stripping gravel deposits;  
(2) Preparing and stock piling 198,000 cu. y. of sand and gravel. Work should be commenced within thirty calendar days and completed within 300 calendar days from the

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

date of receipt of notice to proceed. Specifications obtainable from the office of the Bureau of Reclamation at Yuma, Ariz., or Denver, Colo., without charge to prospective bidders; to others, \$0.25, not returnable.

## 24—STREET LIGHTING

### BIDS WANTED

**SAN FRANCISCO.**—Until April 9, 3:30 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Electric Power Bureau Contract No. 24, for constructing a lighting system on Richardson Avenue between Lyon and Broderick Sts.

The work involves:

- (1) 25 electroliners, comp. with luminaires;
- (2) 26 foundations;
- (3) 6,000 ft. primary cable;
- (4) 15 extra conduit stubs in foundations.

Specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10.00.

### BIDS WANTED

**LOS ANGELES, Cal.**—Until April 20, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, Los Angeles, for furnishing and installing an ornamental lighting system in Firestone Blvd. between Central Avenue and Santa Fe Ave., in accordance with plans and specifications which may be obtained at the office of R. E. Shoner, county mechanical Engineer, 10th floor, Hall of Records. Certified or cashier's check for 10% must accompany each proposal. M. B. Beatty, Clerk of the Board.

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

**LOS ANGELES, Cal.**—United Iron Works, care of Pacific Enterprise Products, Inc., awarded contract by S. A. Joseph, purchasing agent, Metropolitan Water District, Los Angeles, at \$4895, for furnishing 2 only, 4000-gal. centrifugal pumps with 250-hp. motors, f.o.b. Banning. The other bids were:

- Fairbanks, Morse & Co.—\$4430.80.
- Pacific Pump Works—\$5233.40.
- Byron Jackson Co.—\$5447.
- Bid No. 80051.

### CONTRACT AWARDED

**BONNEVILLE, Oregon.**—Roller-Smith Co., 1766 Market St., Bethlehem, Pa., at \$20,186, awarded contract by the U. S. Engineer Office, Second Portland District, Lieut.-Col. C. F. Williams, District Engineer, under Bid No. 624-37-263, for furnishing one 480-volt, 3-phase, metal-enclosed, power distribution switchboard, complete with circuit breaker, buses, bus extensions, wire raceway, wiring and accessories, for the powerhouse station service system at Bonneville.

### BIDS OPENED

**SAN MATEO COUNTY, Cal.**—Following bids received by the State Division of Highways, J. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one power shovel equipped with a 50-foot boom, capable of being operated at any angle, with 1½-cy. clam shell bucket, for approximately 500 hours, for use in San Mateo County: **Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, \$7.50 per hour.** R. L. Oakley, Los Angeles, \$7.95. Plombe Bros., S. F., \$8.07. J. P. Breen, Sacramento, \$8.80. Shan-mac Co., \$9.00. C. Mankel, Sacramento, \$9.40.

Rock & Gravel Trucking Co., Oakland, \$12.

### BIDS OPENED

**SANTA CLARA and Santa Cruz Cos., Cal.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one ½-cy. capacity clam shell mounted on a pneumatic-tired truck, for approximately 400 hours, for use in Santa Clara and Santa Cruz Cos.: C. E. Huls, Merced, \$4 per hour. C. Mankel, Sacramento, \$5.43. Rock & Gravel Trucking Co., Oakland, \$5.50.

F. A. Lance, San Jose, \$5.50. Western Crane Service, Oakland, \$7. Kiss Crane Service, S. F., \$8.50.

### CONTRACT AWARDED

**RIO GRANDE PROJ., N. M.**—Koppers Co., Western Gas Division, Fort Wayne, Ind., awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 723, ast42,979, for furnishing two high pressure gates for the Caballo Dam outlet, Rio Grande project, N. M.

### BIDS OPENED

**LOS ANGELES**—Bids for furnishing sluice gates, Spec. 195, were opened by the Metropolitan Water District. Bids were taken as follows:

- (1) Two 72-in. diam. sluice gates, complete, with operating mechanisms, for Iron Mountain pumping plant;
- (2) Two 66-in. diam. same, for Eagle Mountain pumping plant.

The bids were:

Mueler Co., Los Angeles—(1) f.o.b. cars Los Angeles, ship, pt. Chattanooga, Tenn., \$1788.00 lump sum; shipping weight, 840 lbs.; heaviest piece, 5300 lbs.; (2) f.o.b. Los Angeles, ship, pt. Chattanooga, \$1692.00 lump sum; shipping weight, 7700 lbs.; heaviest piece, 7300 lbs. Use tax, \$163.20. Total \$553.20; 2% 10 days. Use tax will be collected by the bidder.

Koppers Co., Western Gas Division, Fort Wayne, Ind. (1) f.o.b. Fort Wayne, Ind., \$2628 lump sum; shipping weight, 15,080 lbs. each; heaviest piece, 13,000 lbs.; (2) f.o.b. Fort Wayne, \$2675 lump sum; shipping weight not given; total, \$5303; 1% 10 days; add use tax.

Joshua Irendy Iron Works, San Francisco—(1) f.o.b. Sunnyvale, Cal., \$3300 lump sum; shipping weight, 14,810 lbs.; heaviest piece, 3150 lbs. (2) f.o.b. Sunnyvale, \$3208.00 lump sum; shipping weight, 13,600 lbs.; heaviest piece, 2930 lbs.; no use tax; no discount; total, \$6508.00.

Madsen Iron Works, Huntington Park—(1) f.o.b. factory site, Huntington Park, \$3475 lump sum; shipping weight, 9500 lbs.; heaviest piece, 34,400 lbs. (2) f.o.b. factory, Huntington Park, \$3333.00 lump sum; shipping weight, 9900 lbs.; heaviest piece, 3000 lbs.; no use tax; \$6808.00; no discount.

Crane Co., Los Angeles—(1) f.o.b. Los Angeles; factory shipping point, Chicago, \$1610.00 lump sum; shipping weight, 6966 lbs. each; heaviest piece, 6100 lbs. (2) f.o.b. Los Angeles; factory shipping point, Chicago, \$2130.00 lump sum; shipping weight, 6345 lbs.; heaviest piece, 5505 lbs.; use tax, \$112.80; total, \$3572.80; 2% discount.

Chapman Valve Mfg. Co., Los Angeles—(1) f.o.b. Indian Orchard, Mass., \$1576.00 lump sum; shipping weight, \$200 lbs.; heaviest piece, 7450 lbs. (2) f.o.b. Indian Orchard, Mass., \$1562.00 lump sum; shipping weight, 7650 lbs.; heaviest piece, 6850 lbs.; use tax, \$94.14; total, \$3232.14; discount 2%; use tax will be collected by the bidder.

### Bids Opened

**OAKLAND.**—Following bids received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 857, for the rental of trucks, as follows: (1) 1½-ton flat bed trucks, for approximately 2400 hours; maximum number required at any one time, four; (2) 2-cy. dump trucks, for 2000 hrs.; maximum required, four; hand-loading; (3) 2-cy. dump trucks, 2000 hours; maximum required, four; power-loading.

Lerer Bros., S. F.—\$3,444 (total).

Wm. Motters \$4,050 (total).  
A. L. Green—\$5,520 (total).  
A. J. McCosker—\$5,736 (total).  
Volpa Bros.—\$8,500 (total).  
A. Soda & Son—\$8,840 (total).  
Mendocino Constr. Co.—\$24,200.  
Asphalt Pavement & Planning Co. (2 only)—\$3,600.  
D. C. Moore—(2) \$1,600; (3) \$2,000.  
K. I. Dowdy—(2 & 3) \$4,700.

Circle Truck Co., Los Angeles—(1) \$1.45 per hour each; (2) \$1.74 per hour each; (3) \$1.88 per hour each.

### BIDS REJECTED

**LOS ANGELES, Cal.**—The Metropolitan Water District has rejected all bids received February 16 for furnishing five only 99-4½ hydraulic operated cast iron head gates, with frames, guides, etc., for installation at the upper end of the steel delivery pipe lines from the Colorado River Aqueduct pumping plants, Spec. No. 188. New designs and specifications will be prepared and a new call for bids will be issued.

### BIDS OPENED

**BOULDER CANYON PROJECT.**—The following bids received by the Bureau of Reclamation, Denver, under Spec. No. 892-D, for furnishing two welded plate-steel cylindrical bulkheads for relief valves of the turbines at the Boulder power plant, Boulder Canyon Project: **Emerson Electric & Equipment Co., Los Angeles, \$5820;** f.o.b. Los Angeles; net.

John W. Beam, Denver, \$9,900; f.o.b. Chicago; 1½% discount.  
S. Morcan Smith, York, Pa.; \$13,365; f.o.b. York; net.

**SAN FRANCISCO.**—Edward H. Bacon, 17th and Folsom Streets, San Francisco, at \$3995, submitted the low bid to T. A. Brock, Purchaser of Supplies, City Hall, under Bid No. 4752, for furnishing one gasoline engine driven double drum hoist for the H.H.W.S.

Complete bids follow:  
Weber & Company, S. F. \$4314  
Harron, Howard & McCone, 5,061  
Co. S. F.

Bids taken under advisement.

## 26—RAILROADS

### BIDS WANTED

**HICKAM FIELD, T. H.**—Until Apr. 13, 11 A. M., H. S. T. as previously reported, bids will be received by Captain H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-17, for the construction of a railroad and parallel highway to the Magazine Area at Hickam Field.

- Bids will be taken as follows:
- (I) Work complete, construction of railroad and parallel highway to the Magazine Area.
  - (II) (A) If re-lay rails are used in lieu of new re-rolled steel rails, add or deduct:
  - (III) Unit prices:

(1) Excavation (inclass) per cu. y.

(2) Fill or ballast from Government borrow.

(3) New redwood ties, each:

- (4) 45-lb. new re-rolled rails, per ton;  
 (5) 45-lb. relay rails, per ton;  
 (6) Bolts, nuts and lock washers, per lb.;  
 (7) Spikes, per 100 lbs.;  
 (8) Rail bracers, each;  
 (9) Splice plates, per pair;  
 (10) 18-in. reinf. concrete drain pipe, (11) 12-in. do.

Plans and specifications obtainable from the above office upon deposit of \$5 in the form of a certified check payable to the Finance Officer, Fort Shafter, and on file at the office of the Constructing Quartermaster, Ft. Mason.

#### BIDS OPENED

ALAMAZDA COUNTY, Cal.—J. H. Pomeroy & Co., Inc., Room 408, 333 Montgomery St., San Francisco, at \$359,660 submitted low bid to the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, Room 811, 500 Sansome St., San Francisco, for the construction of the East Bay Yard superstructure, of the railway facilities of the San Francisco-Oakland Bay Bridge in Alameda County.

The work involves:

#### EAST BAY YARD & SOUTHERN PACIFIC CROSSING

- (1) 1,310,000 lbs. struc. steel in the Southern Pacific Overhead and 26th Street crossings;  
 (2) 1,400,000 lbs. struc. steel in catenary bridges;  
 (3) 800 c.y. concrete;  
 (4) 160,000 lbs. reinf. steel;  
 (5) 30,000 lbs. cast steel shoes;  
 (6) 12,000 lbs. pipe railing;  
 (7) 8 MFEM timber;  
 (8) 440 tons painting (26th Street crossing);  
 (9) 250 tons painting (Southern Pacific overhead);  
 (10) 700 tons painting (catenary bridges);  
 (11) 100 bbls. extra portland cement; PORT OF OAKLAND OVERHEAD  
 (12) 1,700,000 lbs. struc. steel;  
 (13) 2,100 c.y. concrete;  
 (14) 160,000 lbs. reinf. steel;  
 (15) 173,000 lb. reinf. trusses;  
 (16) 220,000 lbs. pipe railing;  
 (17) 850 tons painting;  
 (18) 200 bbls. extra portland cement.

NOTE: The engineer reserves the right to eliminate entirely from this contract the superstructure of the Port of Oakland overhead crossing, covered by Items 12 to 18, inclusive. Should the engineer act upon such right, the contractor shall make no claim whatsoever for the elimination of this part of the work and shall claim no compensation under Items 12 to 18.

Total bids follow:

- (A) J. H. Pomeroy & Co., Inc., San Francisco, \$536,960.00.  
 (B) Barrett & Hilp, San Francisco, \$537,689.00.  
 (C) Bates & Rogers, San Francisco, \$545,099.00.  
 (D) Clinton Const. Co., San Francisco, \$556,028.00.  
 (E) C. W. Calvert & Co., San Rafael, \$587,000.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
1	\$0.077	\$0.082	\$0.077	\$0.085	\$0.0856
2	.0925	10	.093	103	10
3	19.00	22.00	26.50	22.50	20.00
4	.03	.05	.055	.058	.05
5	.18	20	24	18.5	25
6	.15	.25	27	28.5	.50
7	120.00	100.00	115.00	100.00	200.00
8	8.00	8.00	7.20	7.50	10.00
9	8.00	8.00	7.20	7.60	10.00
10	8.00	13.00	11.20	7.60	10.00
11	2.30	2.50	2.50	1.50	3.00
12	.076	.07	.075	.075	.08
13	24.00	21.00	24.75	20.00	20.00
14	.05	.05	.045	.05	.05
15	.26	.213	.22	.22	.25
16	.11	12	.14	.145	.20
17	8.00	7.00	7.20	7.00	10.00
18	2.30	2.50	2.50	1.50	3.00

## 29—STREETS AND HIGHWAYS

#### BIDS OPENED

MARIN CO., Calif.—Eaton & Smith, 715 Ocean Ave., at \$4,370.45 on Prop. 1, at \$3,825 on Prop. 2, and the Pacific States Construction Co., 708 Call Bldg., at \$14,941.35 on Prop. 3, submitted low bids to the Board of Directors of the Golden Gate Bridge and Highway District for placing about 7,500 ft. of asphaltic concrete surfacing and armor shoulders on the Sausalito lateral of the Golden Gate Bridge, to connect with the Waldo Approach Road now under construction by the State.

Bids were taken as follows:  
**PROP. 1—(Furnishing and installing materials)**

- (1) 3,750 tons asphaltic concrete pavement;  
 (2) 100 tons screenings;  
 (3) 3,700 gals. SC 1-A, liquid asphalt, prime coat;  
 (4) 1,390 gals. 90-95 liquid asphalt, first spread;  
 (5) 333 tons coarse screenings, first spread;  
 (6) 160 gals. 90-95 liquid asphalt, second spread;  
 (7) 139 tons fine screenings, second spread;

**PROP. 2—(Furnishing only)**

- (8) 850 tons asphaltic concrete pavement material;

**PROP. 3—(Furnishing materials)**

- (9) 2,900 tons asphaltic concrete;  
 (10) 3,700 gals. liquid asphalt, SC 1-A, for prime coat;  
 (11) 5,550 gals. liquid asphalt, 90-95, for first and second applications;  
 (12) 139 tons fine screenings for second course;  
 (13) 333 tons coarse screenings for first course;  
 (14) 100 tons screenings and asphalt cement for finish on asphaltic concrete pavement.  
 Total bids follow:  
 (A) Eaton & Smith, S. F.—(1) \$4,370.45; (2) \$3,825.00; (3) no bid.  
 (B) Pacific States Constr. Co., S. F.—(1) \$14,827.50; (2) \$1,037.50; (3) \$1,941.35.  
 (C) E. A. Forde, San Anselmo—(1) \$4,550.13; (2) no bid; (3) no bid.

Unit bids follow:

	(A)	(B)	(C)
1	\$9.95	\$1.00	\$1.03
2	1.50	2.00	1.00
3	.015	.03	.0125
4	.015	.03	.0125
5	1.10	1.25	1.00
6	.015	.03	.0125
7	1.10	1.25	1.00
8	4.50	4.75	—
9	—	4.47	—
10	—	.05	—
11	—	.07	—
12	—	2.15	—
13	—	2.00	—
14	—	4.40	—

#### CONTRACT AWARDED

MARSHALL FORD DAM, Texas.—Brown & Root, Inc., Austin, Texas, at \$13,318.25, awarded contract by the Bureau of Reclamation, H. P. Bunker, Construction Engineer, Austin, under Spec. No. 888-D, for the construction of street, driveway, and sidewalk grading and surfacing, and sewer and water systems for the Government camp at the Marshall Ford Dam, Colorado River Project, Texas.

#### LOW BIDDER

ANAHEIM, Los Angeles Co., Cal.—C. J. Sparks, 2309 E. 9th St., Los Angeles, submitted low bid to the Anaheim City Council for paving Santa Ana St. between Citron and Manchester Aves., involving 3600 yds asphaltic concrete and 1400 sq yds asphaltic paint binder.

#### CONTRACT AWARDED

LOS ANGELES CO., Calif.—C. O. Sparks and Mando Ergr, Co., 2309 E. Olympic Blvd., Los Angeles, at \$121,322 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.9 miles of grading and paving with asphalt concrete and portland cement concrete in Los Angeles between Fenwick and Terra Bella streets.

#### BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until April 6, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of portions of San Leandro Street between 95th Avenue and the southeasterly boundary of the City of Oakland. Estimated cost, \$15,700.

- (1) 3,290 c.y. excavation;  
 (2) 3,364 tons stabilized base;  
 (3) 802 lf. concrete curb, 6-in. base;  
 (4) 843 lf. concrete curb, 12-in. base;  
 (5) 1,658 sq. ft. concrete gutter;  
 (6) 106 tons asphaltic concrete;  
 (7) 4,521 sq. ft. cement sidewalks.

Plans and specifications obtainable from the office of City Engineer Walter Frickstadt, upon deposit of \$5.\*

#### BIDS WANTED

SAN FRANCISCO.—Until April 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 19023, for the construction of the Marshall Connection at Lyon St. for the Presidio approach to the Golden Gate Bridge. Estimated cost, \$9,730.

The work involves:

- (1) 665 lf. unarmored concrete curb (2) 2 brick catchbasins, complete;  
 (3) 3 do (existing gratings to be used);  
 (4) 2 storm water inlets, complete;  
 (5) 1 brick catchbasin with multiple curb inlet, complete;  
 (6) 2 standard manhole frame and cover installed on exist. catchbasin;  
 (7) 2 brick manholes, complete;  
 (8) 8 concrete curb inlet;  
 (9) 145 lf. 8-in. VCP sewer, in place (10) 245 lf. 10-in. do;  
 (11) 110 lf. 6-in. VCP side sewer, in place;  
 (12) 2 street signs relocated;  
 (13) 85 lf. 1½-in. black enameled conduit;  
 (14) 14,800 sq. ft. asphalt - concrete pave., consisting of a 6-in. Class E 5-sack concrete base and a 2-inch asphaltic concrete wearing surface;  
 (15) 85 sq. ft. remove asphaltic concrete pavement, consisting of a 4-in. asphaltic concrete base & a 2-in. asphaltic concrete wearing surface;  
 (16) 1280 sq. ft. 8-in. Class E 5-sack concrete gutter;  
 (17) 100 tons asphaltic concrete base and leveling course;  
 (18) 250 tons asph. concrete wearing surface;  
 (19) 2100 sq. ft. 2-course concrete sidewalk;  
 (20) 1450 lf. 4-in. white lacquer traffic lines.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

#### BIDS OPENED

ANAHEIM, Los Angeles Co., Cal.—C. O. Sparks, 2309 E. 9th St., Los Angeles, submitted the only bid to the Anaheim City Council for paving Santa Ana St. and Citron and Manchester Aves., involving 3600 yds asphaltic concrete and 1400 sq yds asphaltic paint binder. \$5.05 All sub-grade work has been done by city forces

## BIDS WANTED

**COCONINO CO., Ariz.**—Until April 9, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for improvement of the Flagstaff-Fredonia Highway, F. A. 95-J (1937) Unit B, AFE 5963. The work, which begins about 2 1/2 miles northeast of Flagstaff and extends northerly about 3 1/2 miles, consists of furnishing and applying asphaltic surface treatment, and is to be completed on or before May 31, 1937. The work involves:

- 100 M. gals. sprinkling;
  - 60 hours rolling;
  - 70,100 gals. SC-2 road oil;
  - 300 cys. blotter material.
- T. S. O'Connell, State Highway Engineer.

## CONTRACT AWARDED

**COCONINO CO., Arizona.**—Skousen Bros., Albuquerque, N. M., at \$239,766, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Bldg., Phoenix, for grading and placing a curb, North Rim Approach Road to Grand Canyon National Park, in Coconino County, a length of 31.93 miles.

## CONTRACT AWARDED

**LOS ANGELES.**—Carl Hallin was awarded contract by A. J. Holm, Los Angeles City Purchasing Agent, at \$32,552, for improving west side of Soto St., 350 ft. north of Valley Blvd. The unit prices are:

- 79 1/2 sq. ft. sidewalk, \$0.13.
- 17 1/2 cu. yd. integral curb and gutter, \$0.90.
- 1 catch basin, \$120.
- No. 10. 3219.

## BIDS WANTED

**PINAL CO., Arizona.**—Until April 2, 2:30 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Florence-Tucson Highway, Non-F.A. 94-C, A.F.E. 8760. The work, which lies between the towns of Coolidge and Pico, consists of soil coating approximately 18 miles of existing oil surface and is to be completed on or before 30 days after he award of contract. The work involves:

- 350 tons Class A emulsified asphalt;
  - 2000 tons screenings.
- T. S. O'Connell, State Highway Engineer.

## DW BIDDERS

**LOS ANGELES CO., Calif.**—C. O. Spang & Mando Engineering Co., 309 E. Olympic Blvd., Los Angeles, at \$121,320, submitted low bid to the State Division of Highways, C. H. Sweetser, State Highway Engineer, Los Angeles, for about 2 1/2 miles grading and paving with asphalt concrete and portland cement concrete in the city of Los Angeles between Fenwick St. and Terra Bella Street. Twelve bids were received. The low bid follows:

C. O. Spang & Mando Engr.  
Co., L. A. \$121,320  
E. Haddock, Ltd., Pasadena 127,794  
G. Carroll, Sana Diego, \$129,271

Complete bids will be published shortly.

## BIDS OPENED

**SACRAMENTO, Cal.**—A. Teichert Son, Inc., P. O. Box 1113, Sacramento, at \$12,943 submitted low bid to the Sacramento City Council, H. Denton, City Clerk, City Hall, for improvement of Main Way from easterly boundary of Carly Park

to the southerly boundary of Carly Park; of Larkin Way from Land Park Drive to easterly boundary of Carly Park; and Caranay Way from the easterly line of Lank Park Drive to the easterly boundary of Carly Park.

- The work involves:
- (1) 1,607 lf. concrete curb and gutter combined (cut No. 12) complete in place;
  - (2) 16,232 sq. ft. concrete sidewalk, 3 1/2-inch by 4 1/2-in., complete in place;
  - (3) 6 each, cast iron gutter drains (cut No. 11) installed complete in place;
  - (4) 2 concrete manholes, reconstructed complete in place with cast iron curbs and covers;
  - (5) 5 concrete manholes, reconstructed complete by placing curbs and covers to grade;
  - (6) 2 street monuments installed;
  - (7) 193 lf. 6-in. vit. ironstone sewer pipe, complete in place;
  - (8) 253 lf. 8-inch do.;
  - (9) 479 cu. yd. excavation, grading;
  - (10) 69 cu. yd. fill, grading;
  - (11) 688 cu. yd. cementing gravel (4-in. compacted) for sub-base, complete in place;
  - (12) 688 tons 2-in. asphaltic concrete for top pavement (with seal coat & screenings) constructed complete in place.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, \$12,943.00.

(B) J. R. Reeves, Sacramento, \$14,316.79.

(C) McCallister Const. Co., Sacramento, \$16,080.48.

Unit bids follow:

	(A)	(B)	(C)
(1)	\$0.85	\$0.80	\$0.95
(2)	1.75	1.19	1.19
(3)	12.00	9.00	10.00
(4)	60.00	60.00	65.00
(5)	7.50	5.00	7.50
(6)	5.00	3.00	5.00
(7)	.75	1.05	.80
(8)	1.00	1.30	1.05
(9)	.50	.60	.70
(10)	.10	.60	.10
(11)	3.60	4.00	5.50
(12)	4.50	6.05	5.75

## BIDS WANTED

**ARCADIA, Los Angeles Co., Calif.**—Until April 6, 8 a.m., bids will be received by the Arcadia city council for improving Holly Ave., between Live Oak Ave. and a point just south of Lemon Avenue in accordance with specifications and plans which may be obtained from G. B. Watson, city engineer, after March 31. The improvement is approximately 4000 lf. in length, and will consist of paving 12 ft. on each side of the existing 16-ft. pavement with 2-in. oil masticard or prestak pavement. Certified check or bidder's bond for 10% must accompany each proposal. W. H. Mesbitt, City Clerk.

## BIDS WANTED

**LONG BEACH, Los Angeles Co., Calif.**—Until April 9, 10 a.m., bids will be received by R. M. Dorton, City Manager, Room 204, City Hall, Long Beach, for improving portions of Fourth St., between Golden Ave. and American Ave., and portions of intersecting streets. Spec. No. R-953. Bid forms and bidding data may be obtained at the office of J. W. B. Blackman, City Engineer-Director of Public Service, Room 502, City Hall. Certified check or bank draft, payable to the City Auditor of Long Beach and drawn on a solvent bank of Los Angeles County, or a bond, for 10% of the bid, must accompany each proposal.

The work involves:

- 548 lf. cement concrete curb;
- 49 lf. cement concrete combined curb and 6-in. gutter, 18 inches wide;

- 93 lf. cement concrete combined curb and 8-in. gutter 18 inches wide;
  - 9316 sq. ft. 6-in. cement concrete gutter;
  - 2242 sq. ft. 8-in. cement concrete gutter;
  - 887 sq. ft. cement concrete sidewalk;
  - 434 tons asphalt concrete base course;
  - 2735 tons asphalt concrete leveling course;
  - 1706 tons asphalt concrete, Type A wearing surface.
- Grading complete, including:
- Filling 6 sidewalk manholes and salvaging 75 rims and covers;
  - Resetting to grade 14 manhole rims and covers;
  - Resetting to grade 14 manhole rims and covers;
  - Removal of 705 lf. curb;
  - Removal and salvage of 12,056 sq. ft. brick gutter;
  - Removal of 21,489 sq. ft. pavement and wearing surface;
  - Removal of 1,000 sq. ft. sidewalk;
  - Removal of cross drains and culverts;
  - Preparation of 32,035 sq. ft. of sub-grade.

## BIDS WANTED

**ELDORADO CO., Calif.**—Until April 13, 2 p.m., as previously reported, bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for grading Section 11 of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado Co., Calif. The length of the project to be constructed is 2,326 miles.

- Principal items of work are:
- (1) 156,500 cu. yd. unclass. excav.
  - (2) 8,800 cu. yd. unclass. excav. for structures;
  - (3) 843,000 sta. yds. overhaul;
  - (4) 2,000 cys. miles haul;
  - (5) 2,305 miles finishing earth graded roads;
  - (6) 387 cu. yd. concrete;
  - (7) 3,175 cys. cem. rubble masonry;
  - (8) 55,200 lbs. reinforcing steel;
  - (9) 5,150 lbs. structural steel;
  - (10) 1,676 lf. CMP;
  - (11) 50 cu. yd. hand-laid rock embankment.

- (12) 58 guide posts;
  - (13) 58 culvert markers;
  - (14) 6 right-of-way monuments.
- Plans and specifications may be obtained from the above office on deposit of \$10.

## CONTRACTS AWARDED

**STATE OF OREGON.**—Bids for highway and bridge construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, March 25, and action taken as follows:

**Coos and Douglas Counties:** Myrtle Point-Mystic Creek Section of Coos Bay-Roseburg Highway. Furnish 11,400 cu. yd. crushed rock in stock pile.

**Low Bidder—Homer C. Johnson,** Imperial Hotel, Portland, \$24,030; bids held under advisement.

**Douglas County:** Turkey Hill-Chenoweth Park Section of Pacific Highway. 1 1/2 miles grading and 0.8 mile Portland cement concrete pavement. Requires approximately 46,000 cu. yd. excavation; 4,700 cu. yd. pit-run gravel base; 1,100 cu. yd. crushed rock or crushed gravel shoulders; and 10,300 sq. yds. Portland cement concrete pavement.

**Low Bidder—Jacobsen-Jensen Co.,** 517 NE Stanton, Portland, \$50,540; bids held under advisement.

**Klamath County:** Beatty-Riv Section of Klamath Falls-Lakeview Highway. Furnish 5,700 cu. yd. crushed rock in stock pile. This project may be bid in combination with Klamath

(1) 1740 ft. concrete railing to be removed;  
 (2) 1300 c.y. existing concrete to be removed;  
 (3) 500 tons asphalt concrete;  
 (4) 500 tons grout concrete;  
 (5) 1200 each end anchors (Type A);  
 (6) 200 each end (Type B);  
 (7) 800 each do. (Type B);  
 (8) 3500 c.y. Class A Portland cement concrete (struck);  
 (9) 2000 c.y. Class A Portland cement concrete (struck);  
 (10) 4250 c.y. Class A (struck);  
 (11) 16500 sq. cast steel deckers and bearings;  
 (12) 11000 c.y. riprap;  
 (13) 200 c.y. Class A Portland cement

- LOS ANGELES COUNTY, Cal.—  
 Reports by consultants, N. C. 132,657, as previously reported, submitted low bid to the State Division of Highways, C. H. Pierce State Highway Engineer, Los Angeles, for the replacement of the bridge across the north branch of the Big Tujunga Wash, consisting of 12 spans each approximately 34 ft. in length and 22 ft. high. The bridge is a forced concrete girder bridge across the south branch of Big Tujunga Wash, consisting of three 35 foot spans and two 18-foot end cantilevers.  
 The work involves:  
 (1) 1740 ft. concrete railing to be removed;  
 (2) 1300 c.y. existing concrete to be removed;  
 (3) 500 tons asphalt concrete;  
 (4) 500 tons grout concrete;  
 (5) 1200 each end anchors (Type A);  
 (6) 200 each end (Type B);  
 (7) 800 each do. (Type B);  
 (8) 3500 c.y. Class A Portland cement concrete (struck);  
 (9) 2000 c.y. Class A Portland cement concrete (struck);  
 (10) 4250 c.y. Class A (struck);  
 (11) 16500 sq. cast steel deckers and bearings;  
 (12) 11000 c.y. riprap;  
 (13) 200 c.y. Class A Portland cement

(1)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	
(1)	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	
(2)	1500	1000	1000	2300	5000	100	110	100	330	150	482	713	800	300	400	1200	
(3)	400	400	400	400	465	475	450	530	400	563	538	41	220	250	400	810	
(4)	400	400	400	400	465	475	450	530	400	563	538	41	220	250	400	810	
(5)	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	
(6)	150	70	100	100	200	100	150	150	150	150	150	150	150	150	150	150	
(7)	1725	1930	2100	2000	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	
(8)	5000	6000	2900	6000	7000	5500	5000	600	5000	5000	5000	5480	5000	5000	5000	7000	
(9)	4000	4000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	
(10)	7000	6000	5000	5000	5000	5000	7000	12000	5000	7500	12817	110	900	1000	900	12200	
(11)	113	118	115	115	200	102	200	120	335	216	2065	111	210	100	410	610	
(12)	175	250	1600	1000	1200	1500	1500	1500	1500	1500	2310	133	200	200	1500	2600	
(13)	1000	1250	800	4000	48100	483100	4600000	5000000	1900000	4000000	4000000	4808000	143	900	2100	1500	1800
(14)	400000	4600000	430000	400000	4484900	4581000	46000000	50000000	19000000	40000000	40000000	48080000	143	900	2100	1500	1800
(15)	1751000	800000	1280000	1000000	1000000	2000000	5000000	10000000	5800000	10000000	4300000	189	1000000	2000000	5000000	13000000	

\* Reported as bid.

Falls Rock Production Project in Klamath County.

Bid rejected. Only bid received submitted by Clifford A. Dunn, Klamath Falls, at \$16,830. Project ordered readvertised.

Klamath County: Klamath Falls Rock Production Project on the Dalles-California, Green Springs and Klamath Falls-Lakeview Highways. Furnish 20,100 c.y. crushed rock in stock pile. This project may be bid in combination with Beatty-Bly Rock Production Project in Klamath County.

Bids rejected. Low bidder, R. O. Dail & Warren Bros., Inc., Aberdeen, \$44,200. Project ordered readvertised.

Umatilla County: Pendleton-Myttinger Section of Old Oregon Trail; 1.1 miles grading, surfacing and bituminous macadam wearing surface. Requires approximately 72,000 c.y. excavation; 6500 c.y. bituminous macadam topping; 1,000 c.y. salvaged surfacing materials; 700 c.y. crushed rock shoulders; and 13,000 sq. yds. bituminous macadam wearing surface. This project may be bid in combination with Stanfield-Pendleton Project in Umatilla County.

Awarded—Consolidated Highway Co., Henry Bldg., Portland, \$59,589.40.

Umatilla County: Stanfield—Pendleton Section of Old Oregon Trail and two sections of secondary highways; 24.7 miles crushed rock surfacing; 20.4 miles bituminous macadam wearing surface; 4.3 miles oil mat surface treatment; also furnish 6,300 c.y. crushed rock in stock pile. Requires approximately 309,000 sq. yds. bituminous macadam wearing surface and oil mat surface treatment; and 33,900 c.y. crushed rock surfacing.

Awarded—Washington Asphalt Paving Co., 309 W. 39th, Seattle, \$179,858.72.

Yamhill County: Bellevue-Pringle Corner Section of McMinville-Tillamook Highway; 2.82 miles grading and Portland cement concrete pavement; also 8700 ft. trestle bridge. Requires and excavate 41,000 c.y. excavation; 130 c.y. concrete; 21,900 lbs. metal reinforcement; 660 ft. treated piling; 22 MFMB treated lumber; 190 ft. concrete handrail; 21,500 c.y. crushed rock or crushed gravel; and 36,500 sq. yds. Portland cement concrete pavement.

Low Bidder—Harold Blake, 400 N. Thompson, Portland, \$105,927.50. Bids held under advisement.

CONTRACTS AWARDED  
 STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, March 26, and action taken as follows:  
 Columbia County: Columbia County Oiling Project on two sections of county road, 5.35 miles crushed rock surfacing and oil mat surface treatment. Requires approximately 6,750 c.y. crushed rock surfacing materials, and 55,500 sq. yds. oil mat surface treatment.  
 Awarded: Babler Bros., 2407 NW 28th, Portland, \$25,574.50.

Gilliam, Sherman and Wasco Counties: Memorial Park-Dillon and John Day River-Ballock sections of Columbia River Highway. Furnish 13,000 c.y. crushed rock in stock pile.  
 Low Bidder: H. L. Rice, 2905 SE Pine, Portland, \$21,772; bids held under advisement.

Klamath County: Fort Klamath-Chiloquin Section of The Dalles-California and Chiloquin Highways. Furnish 8,500 c.y. crushed rock in stock pile.  
 Low Bidder: A. S. Wallace, Roseburg, \$17,680; bids held under advisement.

Multnomah County: Rocky Point Section of Columbia River Highway; 1.05 miles grading and Portland ce-

(1) Gates & Hinitley, Los Angeles, \$151,052.  
 (2) R. R. Bishop, Long Beach, \$154,965.00.  
 (3) Daley Corp., San Diego—bidders under \$121 per lb., Item 5, at \$94, \$3,463.61.  
 (4) Army Sordal, Long Beach, \$197,276.29.  
 (5) Griffith Co., Los Angeles, \$158,329.  
 (6) D. W. Thurston, Los Angeles (revised bid \$890) \$163,925.  
 (7) Bort Bros., Inc. Los Angeles, \$178,300.  
 (8) (unconventional), Los Angeles, \$187,904.  
 Trill bids follow:

(1)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1)	60	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
(2)	800	300	400	1200	500	500	500	500	500	500	500	500	500	500	500	500
(3)	220	250	400	810	100	100	100	100	100	100	100	100	100	100	100	100
(4)	305	450	500	500	500	500	500	500	500	500	500	500	500	500	500	500
(5)	305	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405
(6)	150	210	150	150	150	150	150	150	150	150	150	150	150	150	150	150
(7)	2500	2610	2850	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
(8)	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
(9)	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
(10)	900	1000	900	900	900	900	900	900	900	900	900	900	900	900	900	900
(11)	111	108	110	111	210	100	410	610	310	100	52005	111	210	100	410	610
(12)	210	300	1500	1000	1200	1500	1500	1500	1500	1500	2310	133	200	200	1500	2600
(13)	4000	4500	4300	4000	4484900	4581000	46000000	50000000	19000000	40000000	40000000	48080000	143	900	2100	1500
(14)	400000	4600000	430000	400000	4484900	4581000	46000000	50000000	19000000	40000000	40000000	48080000	143	900	2100	1500
(15)	1751000	800000	1280000	1000000	1000000	2000000	5000000	10000000	5800000	10000000	4300000	189	1000000	2000000	5000000	13000000

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ment concrete pavement. Requires approximately 54,000 c.y. excavation; 50 lf. cable guard fence; 110 c.y. concrete; 12,000 lbs. metal reinforcement; 12,700 c.y. crushed rock; 2,000 yd. salvaged surfacing materials; 2,500 sq. yds. Portland cement concrete pavement; 15,500 sq. yds. oil mat surface treatment; and 350 sq. yds. asphaltic concrete pavement.

Awarded: Oregon Contr. Co., 10509 E Sandy Blvd., Portland, \$86,353.

Polk and Yamhill Counties: Willamina Rock Production Project on Salmon River, McMinnville-Tillamook and Dallas-Coast Highway. Treated 10,000 c.y. crushed gravel or crushed rock in stock pile.

Low Bidder: Harold Blake, 400 N. Thompson, Portland, \$21,900; bids held under advisement.

Wasco County: Shamko Section of Herman Highway, 4.7 miles surfacing and 4.83 miles oil mat surface treatment; also, furnish 2,250 c.y. crushed rock in stock pile. Requires approximately 57,000 sq. yds. oil mat surface treatment, and 24,000 c.y. crushed rock.

Awarded: Joplin & Eldon, 3101 N. Columbia Blvd., Portland, \$46,963.

Washington County: Forest Grove-Hillsboro Section of Tualatin Valley Highway; 4.98 miles grade widening to 47.2 miles asphaltic concrete pavement. Requires approximately 300 c.y. excavation; 10,500 c.y. crushed rock; 3,000 lf. cable guard fence; 1,250 lf. concrete curb and gutter; 1,700 sq. yds. Portland cement concrete base; and 59,000 sq. yds. asphaltic concrete pavement.

Low Bidder: Warren Northwell, c/o P. O. Box 5072, Portland, \$102,111; bids held under advisement.

**BIDS OPENED**

TUOLUMNE COUNTY, Cal.—B. A. Howkins Co., 1132 Market Street, San Francisco, \$32,695.50 submitted the low bid to Bureau of Public Roads, Federal Office Bldg., San Francisco, H. Sweetser, District Engineer, for constructing the South Fork of the Tuolumne River Bridge and approaches, on Section A1 of Route 4, E Tioga Road, Yosemite National Park, Tuolumne County.

- The work involves:
- (1) 1,471 c.y. unclass. excavation;
  - (2) 3,850 sta. yds. overhaul;
  - (3) 280 c.y. unclass. excavation for structure;
  - (4) 590 c.y. masonry;
  - (5) 14 c.y. Class A concrete;
  - (6) 70 c.y. Class B concrete;
  - (7) 15,500 lbs. reinforcing steel;
  - (8) 69,000 lbs. structural steel;
  - (9) 244 lf. timber handrail;
  - (10) Excav. work, obliterating detour at bridge site.

- Notal bids follow:
- (1) B. A. Howkins & Co., San Francisco: \$32,695.50.
  - (2) Parib Bros., Hollywood: \$33,476.00.
  - (3) E. T. Lesure, Oakland: \$33,695.75.
  - (4) Ralph A. Bell, Portland: \$35,468.90.
  - (5) John Rocca, San Rafael: \$35,810.00.

Bid qualified by stipulation that it is awarded the General Grant Leach road contract, for which it has been recommended for award, will withdraw his bid on this project.

Not bids follow:

	(A)	(B)	(C)	(D)	(E)
.....	\$3.00	2.50	3.75	1.90	5.00
.....	.03	.05	.03	.02	.02
.....	4.50	4.00	4.75	5.00	4.00
.....	25.00	25.00	24.00	32.50	26.00
.....	40.00	35.00	40.00	39.00	50.00
.....	40.00	35.00	40.00	41.50	50.00
.....	.08	.08	.08	.07	.10
.....	.088	.12	.09	.09	.11
.....	4.50	4.00	6.00	4.00	5.00
.....	390.00	300.00	300.00	300.00	300.00

**SACRAMENTO—SEWER SYSTEM—(Govt.)**

SACRAMENTO—J. W. Terrell, 2765 Donner Way, Sacramento, at \$15,700, submitted low bid to Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for construction and completion of sanitary sewers at the air base.

Bids were taken as follows:

(I) Lump sum, construction and completion of the sanitary sewer lines;

(II) Unit Prices. The bidder shall submit unit prices in the following schedule for all items listed below. These will be used in making deductions or additions to the contract amount provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place unless otherwise noted.

- (A) 15-in. vitrified clay pipe in place, per lf.:
- (B) 12-inch do.
- (C) 10-inch do.
- (D) 8-inch do.
- (E) 6-inch do.
- (F) Wyes on 15-inch vitrified clay pipe, each.
- (G) Wyes on 12-in. do.
- (H) Wyes on 10-in. do.
- (I) Wyes on 8-inch do.
- (J) Wyes on 6-inch do.
- (K) Standard manholes, 5-ft deep each.
- (L) Per ft. of standard manholes over 5-ft. deep.
- (M) Drop manholes, Type A, 5-ft deep, each.
- (N) Per ft. of Type A drop manholes over 5-ft. deep.
- (O) Drop manholes, Type B, 5-ft deep, each.

- (P) Per ft. of Type B drop manholes over 5-ft. deep.
- (Q) Sheet piling left in place, per M F B M.
- (R) Rock excavation, per c.y.
- (S) Earth excavation and back-filling, per c.y.
- (T) 15-in. extra strength vitrified clay sewer pipe in place, per lf.
- (U) 12-in. extra strength vitrified clay sewer pipe in place, per lf.
- (V) 10-in. extra strength vitrified clay sewer pipe in place, per lf.
- (W) 8-in. extra strength vitrified clay sewer pipe in place, per lf.

- (A) J. W. Terrell, Sacramento—\$18,700; begin in 30 days, complete in 150 days.
- (B) A. Teichert & Son, Inc., Sacramento—\$18,500; begin in 30 days, finish in 120 days.
- (C) W. J. Tobin, Oakland—\$20,083.83; begin in 10 days, finish in 100 days.
- (D) Robert B. McNair, Oakland—\$20,690; begin in 10 days, finish in 150 days.
- (E) Underground Constr. Co., Berkeley—\$22,770; begin in 15 days, finish in 180 days.
- (F) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland—\$26,150; begin in 10 days, finish in 70 days.
- (G) Artukovich Bros., Hynes—\$30,685; begin in 10 days, finish in 110 days.
- (H) John F. White, Oakland—\$35,749; begin in 15 days, finish in 120 days.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(A)	\$2.70	\$2.30	\$2.53	\$1.40	\$2.50	\$3.00	\$4.00	\$6.00
(B)	2.10	1.70	2.15	95	2.10	2.75	3.50	4.00
(C)	1.50	1.50	2.07	75	2.00	2.45	2.75	3.00
(D)	1.25	1.25	1.37	35	1.50	2.00	2.60	2.50
(E)	83	125	3.00	40	1.60	2.60	1.50	1.75
(F)	5.99	8.40	3.00	4.35	7.00	5.00	3.00	3.50
(G)	3.60	3.50	2.50	2.61	5.00	3.25	2.25	4.00
(H)	2.50	3.50	2.00	2.02	4.00	2.90	1.75	3.50
(I)	1.25	2.50	1.60	1.45	3.00	2.30	1.25	3.00
(J)	80	2.50	1.60	81	2.00	1.60	75	1.50
(K)	70.00	75.00	110.00	60.00	100.00	65.00	60.00	150.00
(L)	8.50	9.50	8.00	7.00	10.00	9.00	9.00	20.00
(M)	82.00	100.00	140.00	90.00	115.00	70.00	70.00	150.00
(N)	5.50	10.00	8.00	7.00	10.00	9.00	10.00	20.00
(O)	62.00	120.00	150.00	115.00	120.00	70.00	80.00	120.00
(P)	5.50	12.00	8.00	7.00	10.00	9.00	10.00	20.00
(Q)	20.00	40.00	20.00	50.00	20.00	50.00	30.00	1.50
(R)	5.00	3.00	5.00	5.00	5.00	2.50	5.00	1.50
(S)	5.00	1.50	1.50	1.25	1.25	1.50	1.50	1.20
(T)	2.70	2.30	2.52	1.30	2.50	4.00	6.00	4.00
(U)	2.10	1.60	2.15	95	2.10	3.50	4.00	4.00
(V)	1.50	1.60	2.67	75	2.00	2.75	3.00	3.00
(W)	1.25	1.10	1.37	55	3.80	2.60	2.50	2.50

(155) 1st report Feb. 19, 2nd, Mar. 15

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**LOW BIDDER**

**SUN RIVER PROJ.**, Mont.—McLaughlin Const. Company, Livingston, Mont., at \$53,275 submitted the low bid to Bureau of Reclamation, A. W. Walker, Superintendent, Fairfield, under Spec. No. 725, for the construction of alterations to the spillway at the Gibson Dam, Sun River Project, about twenty-three miles northwest of Augusta.

The principal items of work involved are:

- (1) 1,600 cu. yd. of excav. for struts;
- (2) 170 cu. yd. of excav. of concrete;
- (3) 380 sq. yds. of chipping and roughening surfaces of existing concrete;
- (4) 1,350 cu. yd. of concrete;
- (5) Placing 150,000 lbs. of reinforcement bars;
- (6) Constructing 440 lf. of 4-in. dia. sewer-pipe drains embedded in porous concrete;
- (7) Drilling 1,200 lf. of holes for anchor bars;
- (8) Installing 250 lf. of metal sealing strips;
- (9) Installing 350 sq. ft. of expansion joint filler;
- (10) Installing 170,000 lbs. of radial gates and operating mechanisms;
- (11) Installing 5,500 lbs. of pipe handrails;
- (12) Installing 1,500 lbs. of miscellaneous metalwork;
- (13) Installing 1,100 lf. of electrical metal conduit; and
- (14) Installing 5,100 lbs. of electrical conductors and apparatus.

The work shall be commenced within 30 calendar days and completed within 270 calendar days after date of receipt of notice to proceed.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****CONTRACT AWARDED**

**SAN FRANCISCO**—E. J. Treacy, Call Bldg., at \$1,965.31 awarded the contract by the Department of Public Works, City Hall, under Spec. No. 18,996, for laying sewers in Conkling St. north of Silver Ave. and in Silver Ave. between Scotia Ave. and Layton St.

**BIDS WANTED**

**CULVER CITY**, Los Angeles Co., Calif.—Until April 12, 8 p. m., bids will be received by the City Council of the City of Culver City for the relocation of 598 ft. of sewer line extending from Ince Way to Madison Ave., lying between Grant Ave. and Culver Blvd., about 7 ft. deep, in accordance with plans and specifications on file in the office of the Superintendent of Streets. Bid bond or certified check, \$3, must accompany bid. Paul Jarrett, city clerk.

**IMPROVEMENTS PLANNED**

**PASADENA**, Los Angeles Co., Cal.—Currie Engineering Co., 218 Anderson Bldg., San Bernardino, has been tentatively retained by the Pasadena city board of directors to provide plans and supervise the construction of the proposed \$55,000 sewage disposal plant. The city attorney has been asked to investigate and determine if the city would be infringing any patents if the plant is built on plans outlined by Mr. Currie. Improvements to the present plant, proposed by the new project, would include increase of the capacity one-third, building of a clarifying tank 35 ft. in diameter, constructing aerating tanks, City Manager C. W. Koner is actively in charge of the project.

**BIDS REJECTED**

**SAN BERNARDINO CO.**, Calif.—The Metropolitan Water District has rejected all bids received March 9

for construction of a 69-kv. transmission line in accordance with Spec. No. 196. The work is located in San Bernardino County, approximately 17 miles northwest of Earp and consists of 2.2 miles of double circuit, 3-phase, steel tower transmission line between gate and intake pumping plants. The District was to furnish copper conductors, insulators, ground wires, fabricated steel for towers, cement, etc. G. C. Schiefel submitted the low bid at \$163,359.

**BIDS WANTED**

**SCHOFIELD BARRACKS, T. H.**—Until April 9, bids will be received by the Constructing Quartermaster, Schofield Barracks, T. H., for the construction of additional sewage disposal plant facilities, including sewage tank and sprinkler filter, together with piping, manhole, etc., for chlorinator for sewage plant, at Schofield Barracks. Estimated cost, \$50,000.

Specifications obtainable from the above office.

**BIDS OPENED**

**ALHAMBRA**—Sanitary Construction & Engineering Co., 439 W. 20th St., Long Beach, submitted the low bid to the Alhambra city council, at \$4250, for the installation of sewer service lines on Garfield Ave., from Mission Road to Huntington Drive, Alhambra.

The other bids were:  
J. C. Hickey—\$6920.  
M. F. Kemper—\$7896.

**33—WATER WORKS****CONTRACT AWARDED**

**SACRAMENTO**—Underground Construction Co., 6 Alvarado Road, Berkeley, at \$34,398, awarded contract by Major Arthur W. Parker.

**FRESNO—MASONIC**

**MASONIC TEMPLE** Cost, \$200,000. **FRESNO**, Fresno Co., Calif. Stanislaus and L Streets

Two-story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwood and acoustical plaster, hardwood interior trim, steel shaft, wood block floors, linoleum floor covering, tile wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.

Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.

Electric—Electric Const. Co., P. O. Box 638, Fresno.

Low Bidder—Fisher & McNulty, 327 Cory Bldg., Fresno, \$126,982.

The bidders were:

**General Work**  
(A) Fisher & McNulty, 327 Cory Bldg., Fresno, \$126,982.

	(A)	(B)	(C)	(D)	(E)	(F)
Total	\$126,982.00	\$127,645.00	\$135,422.00	\$138,116.00	\$154,780.00	\$174,871.00
(1)	540.00	260.00	576.00	218.00	650.00	650.00
(2)	650.00	445.00	600.00	446.00	115.00	650.00
(3)	1,300.00	1,171.00	1,000.00	665.00	1,350.00	1,500.00
(4)	430.00	426.00	400.00	400.00	440.00	450.00
(5)	240.00	320.00	300.00	335.00	320.00	350.00
(6)						
(7)	595.00	600.00	560.00	621.00	540.00	700.00
(8)	1,500.00	1,456.00	1,705.00	1,520.00	1,340.00	1,500.00

(1249) 1st report Dec 18, 1936; 8th, March 30, 1937.

Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for the installation and completion of the water distribution system at the air base.

Contract awarded on a basic bid of \$24,936 for the work, complete, with a deduction of \$300 for the substitution of asbestos cement pressure pipe in lieu of cast-iron pipe.

Complete bids published Mar. 17.

**BOND ELECTION PLANNED**

**PITTSBURG**, Contra Costa Co., Cal.—An election to vote on the issuance of \$195,000 in bonds will be held in Pittsburg about April 23 or 24. The proceeds will finance construction of a new water system. The city has applied for a PWA grant of 45%, and if the funds are allotted, only \$104,000 of the issue will be sold. M. V. Creagh, Jr., mayor.

**CONTRACT AWARDED**

**SCHOFIELD BARRACKS, T. H.**—Richard L. Cory, 50 Hawthorne St., San Francisco, at \$89,516, awarded contract by the Constructing Quartermaster, Fort Shafter, T. H., for the construction of additional water supply facilities including pumps, power supply cables, control equipment, transit finers and miscellaneous accessories at Schofield Barracks, T. H.

**BIDS REJECTED**

**SACRAMENTO CO.**, Cal.—All bids received by Major Arthur W. Parker Constructing Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for construction and completion of the Quartermaster's gasoline and oil storage tanks, piping, training, etc., at the air base, have been rejected. The work will be done by day labor.

Fred J. Early, Jr., 369 Pine St., San Francisco, submitted the lowest bid March 18, at \$5,980.

**TEMPLE BUILDING**

(B) Trewhitt, Shields and Fisher, Fresno, \$127,645.

(C) Harris Const. Co., Fresno, \$135,422.00.

(D) W. J. Ocha, Fresno, \$138,116.

(E) W. G. Thornally, Oakland, \$154,780.00.

(F) Midstate Const. Co., Fresno, \$174,871.00.

**Mechanical Work**

Frank Hudson, 2141 S. Van Ness, P. O. Box 254, Fresno, \$28,500.

E. A. Newman Co., Fresno, \$29,030.

Barrett-Hicks Co., Fresno, \$30,822.

Alternate bids were taken as follows:

Alt. 1.—For new walks, add;

Alt. 2.—Granite treads, add;

Alt. 3.—Safety stairs and floor in main entrance, add;

Alt. 4.—Steel tex in place of metal lath, deduct;

Alt. 5.—Acoustite in place of acoustical plaster, add;

Alt. 6.—Birch in place of Oak;

Alt. 7.—Alternate roofing Spec. No. 1, in place of regular specification, add;

Alt. 8.—Alternate roofing Spec. No. 2, in place of double lock copper, add.

Complete bids follow:

HICKAM FIELD, T. H.—FENCING—GOVT.

HICKAM FIELD, T. H.—Ralph E. Woolley, Honolulu, at \$12,470, as previously reported, submitted low bid and awarded contract by Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-12, for construction of the entrance gateway & reservation fence at Hickam Field.

- (II) Alternate: asph. cement shingles in lieu of clay tile shingles;
- (III) Unit Prices:
  - (a) Excavation, unclassified, per c.y.
  - (b) Coral fill from Govt. stock pile, per c.y.;
  - (c) Concrete, Type A, per c.y.;
  - (d) Concrete, Type B, per c.y.;
  - (e) Reinforcing steel, per ton;
  - (f) Fencing, per l.f.

- (B) Moses Akiona, Honolulu: \$12,700.00.
- (C) Jas. W. Glover, Honolulu: \$12,955.00.
- (D) John Hansen, Honolulu: \$12,989.
- (E) Walker & Olund, Ltd., Honolulu \$12,990.
- (F) Max W. Moody, Honolulu: \$14,559.00.
- (G) Hawaiian Contr. Co., Ltd., Honolulu: \$15,671.
- (H) Olaf Lagred, Honolulu: \$15,950.

Bids were taken as follows:

- (I) Entrance gateway and reservation fence, complete:

Total bids follow:  
(A) Ralph E. Woolley, Honolulu: \$12,470.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(I) .....	\$12,470.00	\$12,700.00	\$12,955.00	\$12,989.00	\$12,990.00	\$14,559.00	\$15,671.00	\$15,950.00
(II) .....		-100.00	-1.00			+60.00	+33.00	-37.50
(a) .....	1.00	.40	1.50	2.50	1.00	2.00	2.00	1.65
(b) .....	.50	.50	.50	.75	.75	1.25	1.00	.75
(c) .....	21.50	30.00	25.00	22.00	16.00	18.00	15.00	27.50
(d) .....	22.00	35.00	20.00	24.00	20.00	30.00	30.00	28.00
(e) .....	88.00	120.00	95.00	100.00	120.00	100.00	100.00	100.00
(f) .....	1.26	1.28	1.25	1.35	1.75	1.50	1.72	1.33

L. A. COUNTY—2.9 MI. GRADE & PAVE—STATE

LOS ANGELES COUNTY, Cal.—C. O. Sparks and Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at \$121,320, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about 2.9 miles of grading and paving with asphalt concrete and portland cement concrete in the City of Los Angeles between Fenwick and Terra Bella Sts. The work involves:

- (1) 154 sta. clear and grub right of way;
- (2) 3,160 M. gals. water;
- (3) 2,350 c.y. exist. conc., remove and dispose of;
- (4) 161,000 c.y. roadway excav., unclassified;
- (5) 1,200 c.y. ditch and channel excavation;
- (6) 1,098,000 sta. yds. overhaul;
- (7) 1,800 c.y. struc. excav.;
- (8) 23,000 sq. yds. preparing subgrade;
- (9) 154 sta. finishing roadway;
- (10) 32 tons asphaltic cement, Grade E (membrane seal);

- (11) 38 tons liq. asphalt, SC-2 (prime coat);
- (12) 37,500 sq. yds. preparing, mixing and shaping shoulders;
- (13) 300 tons liq. asphalt, SC-2 shoulders;
- (14) 4,700 sq. yds. asphaltic paint binder;
- (15) 1,820 tons asphalt conc.;
- (16) 25,500 lbs. bar reinf. steel;
- (17) 6,070 c.y. Class A portland cement concrete (pavement);
- (18) 12,800 each, pave. dowels;
- (19) 8 sections pavement crossing devices (Type C);
- (20) 50 c.y. Class A portland cement concrete (structures);
- (21) 700 lbs. musc. iron and steel;
- (22) 510 l.f. 8-in. CMP;
- (23) 540 l.f. 18-in. CMP;
- (24) 690 l.f. 24-in. CMP;
- (25) 210 l.f. 36-in. CMP;
- (26) 90 l.f. 48-in. CMP;
- (27) 210 l.f. exist. CMP removed, cleaned, and salvaged;
- (28) 22 each, spillway assemblies;
- (29) 40 c.y. Class A portland cement concrete (curbs and gutters);
- (30) 20 each, culvert markers;

- (31) 185 each, guide posts.
- Total bids follow:

- (A) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$121,320.
- (B) J. E. Haddock, Ltd., Pasadena, \$127,794.80.
- (C) B. G. Carroll, San Diego, \$129,271.00.
- (D) Oswald Bros., Los Angeles, \$129,635.50.
- (E) United Concrete Pipe Corp., Los Angeles, \$130,734.
- (F) Griffith Co., Los Angeles, \$136,294.50.
- (G) P. J. Akmadzich, Los Angeles, \$140,249.50.
- (H) Claude Fisher Co., Ltd., Los Angeles, \$140,715.69.
- (I) George J. Buck Co., Los Angeles, \$141,802.
- (J) Gogo & Rados, Los Angeles, \$152,636.00.
- (K) Dimmitt & Taylor, Los Angeles, \$157,468.50.
- (L) Match Bros., Elsmore, \$158,788.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1) .....	\$25.00	\$15.00	\$10.00	\$23.00	\$20.00	\$20.00	\$20.00	\$20.40	\$20.00	\$25.00	\$40.00	\$25.00
(2) .....	.50	.95	1.10	1.00	1.00	1.09	1.20	1.07	1.50	1.50	1.50	1.00
(3) .....	1.50	1.65	1.40	1.25	1.25	1.25	1.50	1.70	1.50	2.50	1.75	1.75
(4) .....	.23	2.45	.28	2.43	.24	.28	.33	.25	.30	.30	.37	.44
(5) .....	.50	.75	.50	1.00	1.00	1.00	1.30	.98	.80	.75	.75	1.00
(6) .....	.004	.005	.003	.005	.004	.007	.003	.0065	.0025	.005	.005	.005
(7) .....	1.25	1.00	1.00	1.25	1.00	1.10	.89	1.18	1.00	1.00	1.00	1.50
(8) .....	.10	.09	.09	.11	.08	.09	.11	1.05	.11	.10	.12	.13
(9) .....	5.00	10.00	10.00	6.00	7.00	5.00	10.00	6.50	8.00	7.00	10.00	3.00
(10) .....	22.00	27.00	33.00	25.00	20.00	40.00	25.00	24.50	20.00	30.00	25.00	25.00
(11) .....	15.00	10.80	10.00	14.50	35.00	15.00	15.00	11.30	20.00	15.00	15.00	11.00
(12) .....	.005	.05	.05	.06	.07	.07	.07	.055	.14	.06	.08	.06
(13) .....	8.50	8.05	7.00	8.75	9.00	8.00	10.00	8.70	11.00	10.00	9.00	8.00
(14) .....	.04	.015	.05	.015	.05	.02	.03	.04	.02	.03	.03	.03
(15) .....	3.60	3.50	3.60	3.25	3.30	3.50	3.50	3.50	3.50	4.50	3.25	3.50
(16) .....	.05	.011	.07	.06	.07	.06	.07	.0955	.10	.07	.08	.06
(17) .....	6.70	7.25	7.00	7.20	7.45	7.20	6.50	7.82	7.15	8.00	7.50	6.65
(18) .....	.14	.113	.11	.11	.15	.12	.15	1.125	.15	.15	.14	.12
(19) .....	30.00	10.00	40.00	60.00	50.00	40.00	75.00	28.14	40.00	10.00	50.00	25.00
(20) .....	25.00	20.00	20.00	30.00	25.00	25.00	20.00	15.00	20.00	25.00	30.00	30.00
(21) .....	.20	.15	.20	.12	.12	.12	.14	.20	.095	.15	.10	.15
(22) .....	.90	.90	1.00	.90	1.50	.90	1.10	1.00	1.00	1.00	1.00	1.00
(23) .....	1.70	1.75	1.70	1.45	2.00	1.50	2.00	1.78	1.80	2.00	1.75	2.00
(24) .....	2.50	2.45	2.50	2.50	2.50	2.50	2.60	2.61	2.75	3.00	2.70	3.00
(25) .....	1.50	5.10	5.00	5.00	6.00	5.00	6.00	5.15	5.00	5.00	5.50	5.50
(26) .....	6.00	6.85	7.50	7.50	7.00	7.00	9.00	6.80	7.00	7.00	7.20	6.00
(27) .....	1.00	.75	.50	.50	2.00	.60	.50	.75	1.00	1.00	1.00	1.00
(28) .....	15.00	12.50	15.00	15.00	15.00	15.00	20.00	17.50	15.00	20.00	17.00	15.00
(29) .....	15.00	12.00	11.00	11.00	17.00	12.00	12.00	12.00	4.10	12.50	12.00	17.00
(30) .....	3.00	1.50	3.00	2.50	2.00	2.50	3.00	2.75	2.50	2.00	2.00	2.00
(31) .....	3.00	1.50	3.00	2.50	2.00	2.00	3.00	2.75	3.00	2.00	2.00	2.00

## BIDS OPENED

LOS ANGELES, Calif.—Lucy Mfg. Co., 601 Washington Bldg., Los Angeles, submitted low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, at \$7905 based on items 1a and 1b, and 2a and 2b, for dismantling, transporting and erecting the Sunland Tank, PWA District 1929-R, Unit No. 32-b, Spec. X-8s.

Note: The award will be based upon the items mentioned.

The totals of the bids, using these items, are:

Lucy Mfg. Co. ....	\$7905.00
J. W. & E. M. Breedlove .....	\$194.36
Bennett & Taylor, L. A. ....	\$2,761.00
Contracting Engineers Co. ....	14,200.00

The items were:

- (1a) 210 c. y. excav. and embankment for tank site and road to tank, lump sum;
- (1b) dismantling existing Mead tank, disposing of lumber, lump sum;
- (2a) transporting dismantled Mead tank to new Sunland site, lump sum;
- (2b) prepare base, erect and rivet tank and roof trusses, remove existing protective coating, construct wooden roof, install tank appearances, inlet - outlet and blowoff lines comp., sandblasting and applying protective coating, complete, lump sum;
- (2c) disposing of rejected tank bottom, lump sum;
- (2d) prepare base, furnish and install new welded steel bottom, erect and rivet tank and roof trusses, etc., as in item (2b) lump sum;
- (2e) price per hour for labor, material and equipment for repair tank bottom, and/or shell plates by spot welding pit holes.

The bids were:

J. W. and E. M. Breedlove: (1a) \$277.0; (1b) \$1290.36; (2a) \$409; (2b) \$4264; (2c) \$750; (2d) \$5914; (2e) \$3.50 per hour.

Bennett & Taylor: (1a) \$1882; (1b) \$2598; (2a) \$150; (2b) \$818; (2c) \$520; (2d) \$10,692; (2e) \$7 per hour.

Lucy Mfg. Co.: (1a) \$950; (1b) \$850; (2a) \$175; (2b) \$9300; (2c) \$200; (2d) \$7040; (2e) \$3 per hour.

Contracting Engineers Co.: (1a) \$1200; (1b) \$3500; (2a) \$200; (2b) \$9100; (2c) \$900; (2d) \$13,000; (2e) \$7 per hour.

## CONTRACT AWARDED

ARCADIA, Los Angeles Co., Calif.—Fitzgerald Engineering & Construction Co., 438 S. Spring St., Los Angeles, awarded contract by the Title Insurance & Trust Co. for grading and paving and construction of a water distribution system in Fallen Leaf Road and other streets in Tract 11294, Arcadia. The work involves:

Lump sum, grading, \$2559 20;  
11,607 lf. concrete curb, \$0 25;  
213,961 sq. ft. 2-in. oil macadam, \$ 319;  
1230 sq. ft. conc. gutter, \$6 20;  
Lump sum, drainage structures, complete, \$2975;  
Lump sum, water system, complete, \$9054.  
Estimated total, \$24,716 48

## BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until April 22, 7:30 a. m., bids will be received by the El Centro city council for re-inforcing one 250,000-gallon elevated water tank at the city water works southwest corner of 5th and Vine Sts. Certified check or bond for 10% must accompany each proposal. C. G. Mousseau, city clerk. Phil W. Knights, city engineer.

## 34— PARKS AND PLAY GROUNDS

## BIDS REJECTED

UKIAH, Mendocino Co., Calif.—All bids were rejected by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Ukiah.

City Wide Lawn Service Co., Inglewood, at \$457, submitted previous low bid.

## BIDS WANTED

SAN ANSELMO, Cal.—Until April 13, 8 P. M., lump sum bids will be received by the San Anselmo City

Council, F. D. Burrows, City Clerk, City Hall, for the construction of two reinforced concrete tennis courts with drainage structures and incidental items, in the municipal park and playground adjacent to the Red Hill School and Sonoma Avenue.

Plans and specifications obtainable from the above office upon deposit of \$5.00.

## CONTRACT AWARDED

SAN FRANCISCO—Pacific Nurseries, Colma, at \$2,399, awarded contract by the Department of Public Works, City Hall, for planting at George Washington High School, Geary, Balboa, 30th and 32nd Aves. Complete bids published March 25, 1937.

## WASCO—DISPOSAL PLANT &amp; LINES—(District)

WASCO, Kern Co., Calif.—Heuser & Garnett, 816 Allen Ave., Glendale, at \$28,160 on Schedule A, and T. A. Allen Const. Co., 500 Central Bldg., Los Angeles, at \$5,695.25 on Schedule B, as previously reported, submitted low bids and recommended for award of contracts by the Wasco Public Utility District, W. D. Coker, Clerk for construction of disposal plant and intake and discharge lines, Unit No. 2.

The work involves:

## SCHEDULE A

- (1) One pumping plant and wet well, pump house, pump pit, water tank and all mechanical equipment complete;
- (2) One clarifier complete, incl. all mechanical equipment;
- (3) One primary digester, incl. all mechanical equipment;
- (4) One secondary digester, incl. all mechanical equipment;
- (5) Four sludge beds complete, ea.; piping, valves, fittings, and all mechanical apparatus for gas lines, overflow pump lines, sludge lines, supernatant lines, scum lines, influent and effluent lines, and water lines outside of structures at disposal plant;
- (6) Project sign and office facilities

## SCHEDULE B

- (8) 3615 ft. 10-in. concrete irriga-

tion pipe for effluent lines;

- (9) 42 ft. 30-in. concrete pipe for standpipes;
- (10) 50 8-in. alfalfa valves on effluent lines;
- (11) 10 10-in. gate valves in standpipes;
- (12) One 12-in. water well complete, 300 ft. deep;
- (13) One turbine deep well pump, direct connected to 15-hp. motor, installed complete;
- (14) 3960 ft. fence (barbed wire) around plant;
- (15) leveling and checking (about 37 acres), per acre;
- (16) project signs.

The complete total bids follow:

- (A) Heuser and Garnett, Glendale: Schedule A, \$28,160; Schedule B, \$7993; total \$36,153.
- (B) T. A. Allen Const. Co., Los Angeles: Sch. A, \$29,575; Sch. B, \$5695.25; total, \$35,170.25.
- (C) Fred Early, Jr., San Francisco: Sch. A, \$28,176; Sch. B, \$6477.75; total, \$34,653.75.
- (D) Lee Const. Co., Los Angeles: Sch. A, \$28,389; Sch. B, \$6306.75; total, \$34,695.75.
- (E) F. A. Greenough, Bakerfield: Sch. A, \$29,936.75; Sch. B, \$7993; total, \$36,153.
- (F) W. J. Tobin, Oakland: Sch. A, \$29,742; Sch. B, \$6786.40; total, \$36,528.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$9700.00	\$9200.00	\$9343.00	\$9283.00	\$9640.00	\$9242.00
(2)	5400.00	5800.00	5723.00	5796.00	6281.00	6575.00
(3)	5700.00	6200.00	5725.00	5857.00	6358.35	6340.00
(4)	4406.00	4656.00	4593.00	4403.00	4761.00	4940.00
(5)	590.00*	400.00*	100.00	142.50	65.00	81.25
(6)	1700.00	3250.00	2192.00	2360.00	2486.30	2170.00
(7)	200.00	75.00	200.00	120.00	150.00	150.00
(8)	50	.40	43	.35	.42	.60
(9)	8.00	3.75	3.65	4.75	4.00	4.05
(10)	7.60	5.00	10.00	5.50	5.95	6.10
(11)	22.00	20.00	29.00	21.00	22.90	24.30
(12)	4.00	3.33	4.10	3.68	3.30	3.50
(13)	1200.00	1000.00	1159.00	1050.00	1035.00	1120.00
(14)	10	.07	10	.18	.075	.08
(15)	25.00	35.80	32.00	39.60	38.85	37.50
(16)	200.00	14.95	5.00	25.00	15.00	25.00

The work is being done under a The Board of Directors forwarded PWA grant of \$61,263 and a spon-the bids to the PWA engineer with PWA's contribution. The contract for award to the PWA engineer with the collection system. Previously, contracts to the low bidders, awarded to W. J. Tobin, Oakland, Koehig and Koehig, Rowan Bldg., amounted to \$102,666.72.

Los Angeles, engineers

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# MACHINERY & MATERIAL

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ery and materials and miscellaneous equipment and supplies purchased by ublic agencies.

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until April 12, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-353, for 10,000 pounds cotton wiping cloths in 50-pound bails; f.o.b. Dock 2, Fort Mason.

Specifications obtainable from the above office.

**FORT FUNSTON, Calif.**—Until April 9, 3 p. m., bids will be received by U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-231, for furnishing 500 feet of wire rope, high-grade, plow steel, uncoated, wire rope center, 6x19 construction, 3/4-inch diam.; f.o.b. Ft. Funston.

Specifications from above office.

**FORT MASON, Calif.**—Until April 6, 10 a. m., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-90, for furnishing flint paper of various grades, steel wool, white lead, sheet iron, glass, paint thinner, sash brackses, galv. sheet iron, and hushaw blades; f.o.b. Pier 1, Fort Mason.

Specifications obtainable from the above office.

**LOS ANGELES.**—Until April 12, 3 p. m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing 760,000 lbs. fabricated steel and other metal work incidental to the superstructure for the Culver Blvd. bridge over Ballona Creek. Prop. No. 282. Bid bond, 10%, must accompany bid.

**FORT MASON, Calif.**—Until April 12, 11 A. M., bids will be received by the Contracting Quartermaster, Fort Mason, under Bid No. W 6616-37-89, for furnishing one automatic air compressor unit with horizontal tank for garage use, capacity 2.5 c.f.m. per minute; fob Pier No. 1, Fort Mason.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until April 2, 10 A. M., bids will be received by the Contracting Quartermaster, Ft. Mason, under Bid No. W 6616-37-88, for furnishing one floor sanding machine, drum type, fob Pier No. 1, Fort Mason.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 7, P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-26, for furnishing rubber, asbestos, and flax packing.

Delivery to the U. S. Dredge Pacific, care Bethlehem Shipbuilding & Drydock Co., 20th and Illinois Sts., San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 7, P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-27, for furnishing 650 ft. of wire rope.

Delivery fob Pier 27, San Francisco waterfront.  
Specifications obtainable from the above office.

**FORT MASON.**—Until April 8, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-239, for furnishing truck and motorcycle parts.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 6, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-225, for furnishing clay pipe and cast-iron pipe and fittings, f.o.b. Fort Funston.

Specifications obtainable from the above office.

**FORT MASON.**—Until April 7, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-248, for furnishing one 1,000-gal. gasoline tank and one electric gasoline pump for shipment to the Quartermaster, Schofield Barracks, T. H.; and one 1,000-gal. capacity gasoline tank and one electric gasoline pump, for shipment to the Quartermaster, Moffett Field, Mountain View.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 6, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-220, for furnishing reinforcing steel: 75,291 lbs. round bars, and 54,154 lbs. square bars.

Alternate bids will be received for stock lengths and lengths cut as specified on purchase order.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

## SAN FRANCISCO CITY

**SAN FRANCISCO.**—Until April 9, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1770, for furnishing luminaires for street lighting.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1759, for furnishing and delivering lathes and accessories for the Marine Junior High School.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 9, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1768, for furnishing and delivering cast iron and cast steel specials for S. F. high pressure water system (W. P. A.).

Specifications obtainable from the above office.

## OAKLAND CITY

**OAKLAND.**—Until April 6, 1 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City

Clerk, City Hall, for furnishing well casings.

Specifications obtainable from the above office.

## EAST BAY UTILITY DIST.

**OAKLAND.**—Until April 7, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 858, for furnishing 30,000 lbs. joint compound.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

**April 6, 2 P. M.**  
**BID NO. 4576—**300 shovel attachments for shovel handles; f.o.b. bidder's shipping point and/or Government Island.

**BID NO. 4575—**225 rubber insert bags for knapsacks; f.o.b. bidder's shipping point and/or 264 to Portland, Ore., and 61 to Government Island.

**BID NO. 4558—**One 12-in. R.H., table length jointer; f.o.b. bidder's shipping point and/or Government Island. Alternate bids on new or used equipment.

Specifications obtainable from the above office.

## ALAMEDA COUNTY

**BERKELEY, Alameda Co., Calif.**—Until April 13, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing 10,000 barrels of portland cement.

Certified check for \$100 must accompany each bid.

Specifications obtainable from the above office.

**BERKELEY, Alameda Co., Calif.**—Until April 13, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing emulsified asphalt as follows:

- (1) 1,000 tons more or less, Type AE-10 for LX (quick setting);
- (2) 1,000 tons more or less, Type 95 plus road oak 50%;
- (3) 1,900 tons more or less, Type AE-2, for L (quick setting);
- (4) 1,000 tons more or less, Type 90-95-80.

Certified check for 10% must accompany each bid.

Specifications obtainable from the above office.

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*Bids April 27 on Sierra Surfacing Contract*

♦ ♦ ♦ ♦

**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
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# PACIFIC CONSTRUCTOR

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## AWARD EASTBAY SUPERSTRUCTURE TO LOW BIDDER

### Pomeroy Wins \$536,960 Span Rail Facility Contract

SACRAMENTO, April 7.—Award of the second contract for construction of the East Bay Yard for the San Francisco - Oakland Bay Bridge rail facilities was announced here today by Chief Engineer C. H. Purcell.

The contract went to J. H. Pomeroy, whose bid of \$536,960 was the lowest of five submitted to bridge engineers last week, and calls for construction of the yard superstructure.

The substructure contract was awarded recently to Bates & Rogers Construction Co., San Francisco, at \$684,802.

Both superstructure and substructure contracts, when advertised, included the stipulation that items covering construction of the Port of Oakland overhead might be eliminated at the discretion of bridge engineers, and that if so eliminated, contractors would not be entitled to compensation for any such items.

#### Structural Steel

Principal items in the superstructure contract were 1,310,000 pounds structural steel in the Southern Pacific overhead and Twenty-sixth street crossings; 1,400,000 pounds structural steel in Catenary bridges; and 1,700,000 pounds structural steel in the Port of Oakland overhead.

Award of the superstructure contract to Pomeroy brought to three the number of contracts let or the rail system, which late next year or early in 1939 will carry commuter traffic between San Francisco and Eastbay communities.

Contract for furnishing and installing signal and interlocking equipment was awarded some time ago.

Shipments of windmills in 1936 amounted to 70,125 units, almost 20,000 higher than the total for the twelve months of 1935 of 51,713, the Bureau of Census reports.

### MATERIAL PRICE LEVEL UNCHANGED

The wholesale price index for building materials during the week ended March 27 remained at the same level established during the preceding week, when the price average reached the highest point since the spring of 1929, the U. S. Bureau of Labor Statistics reported yesterday. The index, 96.2 per cent of the 1926 level, was not affected by higher average prices for brick and tile, which were offset by slightly lower lumber prices, the bureau reported.

## OPEN PROPOSALS FOR WAREHOUSE IN EMERYVILLE

### W. G. Thornally Submits the Lowest Basic Figure at \$151,900

W. G. Thornally, Builders' Exchange building, Oakland, at \$151,900, yesterday submitted the lowest of thirteen basic bids to Architect Will G. Corlett for construction of a new warehouse in Emeryville for J. Catucci, to be occupied by the Bigelow - Sanford Carpet Company of New York.

Since five alternate proposals were included in the bidding schedule, award of the contract may be affected by choice of alternatives, it was indicated.

Total basic bids for the structure were as follows:

W. G. Thornally .....	\$151,900
H. J. Christiansen Co., Oakland .....	156,814
John F. Tulloch, Oakland .....	157,714
K. E. Parker Co., S. F. ....	158,465
L. C. Dunn, Inc., S. F. ....	159,865
The Austin Co., Oakland .....	160,000
Dinwiddie Const. Co., S. F. ....	160,000
Clinton Const. Co., S. F. ....	162,150
Fred J. Early, Jr., S. F. ....	162,200
S. G. Johnson, Oakland .....	164,400
Geo. Petersen, San Leandro .....	165,757
Cahill Bros., S. F. ....	169,000
Lindgren & Swinerton Inc., San Francisco .....	177,776

## MATICH BROS. LOW FOR L. A. PAVING JOB

### B. G. Carroll Bids San Diego Overpass Contract At \$47,763

LOS ANGELES, April 8.—Matich Brothers, Elsinore, at \$161,365.50, submitted the low bid to the State Division of Highways today for approximately 3.5 miles grading and paving with portland cement concrete and plant-mix surfacing in Los Angeles County.

At the same opening B. G. Carroll, San Diego, submitted the low bid of \$47,763 for construction of a reinforced concrete girder crossing over the A. T. & S. F. Ry. tracks near San Onofre in San Diego County.

The Los Angeles County job involved a section of highway between Center street and Firestone boulevard in Los Angeles. The principal items include: 45,500 cu. yds. unclassified excavation; 110 tons grade E asphalt; 18,000 tons imported subgrade material, and 1080 tons liquid asphalt.

Second low bidder was Oswald Brothers, Los Angeles, at \$163,582.50. B. G. Carroll and C. B. Grove were third at \$170,687.20.

The San Diego County contract calls for the construction of a girder crossing consisting of one 73-foot span, two 53-foot spans, and two 30-ft. spans on concrete bents and abutments with wing walls.

The crossing will pass over the Acheson, Topeka and Santa Fe Railway tracks near San Onofre. Principal items include: 1,100 cu. yds. unclassified excavation; 275,000 pounds reinforcing steel bar; 1,420 cubic yards Class A portland cement concrete; and 3,130 lbs. cast steel rockers and bearings.

Paris Bros., Los Angeles, were second low bidders at \$48,840, followed by C. O. Sparks and Mundo Engineering Co., at \$49,051.50.

Next bid opening for a Division of Highways project in the southern part of the state is scheduled for April 21. Bids will be opened for about 0.6 mile grading and surfacing with asphalt concrete, and the widening of a reinforced concrete bridge in Santa Barbara County.

## BUREAU INVITES BIDS ON SIERRA SURFACING JOB

Proposals Opening April 27th  
For 7.9-Mile Forest  
Road Contract

District Engineer C. H. Sweetser of the Bureau of Public Roads issued a call for bids, to be opened April 27, yesterday for placing base and surface courses on approximately 7.9 miles of Sections B and C, Route 27 of the Sierraville-Hobart National Forest Highway in Sierra and Nevada counties.

Principal items include: 1,000 cu. yds. unclassified excavation; 300 cu. yds. unclassified excavation for structures; 31,400 tons 2-in. heavy crushed rock base course; 27,900 tons crusher run top course; and 7.9 miles fine grading sub-grade and shoulders.

Plans and specifications may be obtained from Sweetser's office in the Federal Office Building upon deposit of \$10.

### Two Other Jobs

The Bureau of Public Roads has two other jobs out for bids, one to be opened April 13.

The first is for 2.3 miles grading of Section 11, Route 32 of the Placerville-Lake Tahoe National Forest Highway in Eldorado county. Principal items include: 156,500 cubic yards unclassified excavation 3,800 cubic yards unclassified excavation for structures; 55,200 lbs. reinforcing steel and 5,150 pounds structural steel.

On April 16, bids will be opened for approximately 3.2 miles grading on Section D, Route 61, of the Angeles Crest National Forest Highway in Los Angeles county. The job involves 32 acres of clearing and grubbing.

Principal items include: 345,700 cubic yards unclassified excavation; 1,700 cubic yards excavation for structures; 132 cubic yards concrete, and 10,190 pounds of reinforcing steel.

## 250-WATT MERCURY LIGHT REFLECTOR

Westinghouse Enclosed Aluminum Dome Type Low Mounting units provide intensive general illumination where the mounting light is not over 20 feet, says a recent bulletin of the firm. Higher intensities are provided on the working plans, with minimum losses on the side walls. The unit consists of deep bowl type aluminum reflector, a dust-tight cover, various types of hoods for 1/2-inch conduit and outlet box mounting.

### CASTING SHIPMENTS UP

Shipments of malleable iron castings for the first two months of 1937 amounted to 107,496 tons compared with 82,770 and 78,832 short tons for the same periods in 1936 and 1935, respectively, the Bureau of Census reports.

## ARIZONA BIDDER LOW ON ELY P. O.

WASHINGTON, D. C., Apr. 6.—With a proposal of \$65,800 E. and E. J. Pfozter, Mesa, Ariz., today submitted the low bid to the U. S. Treasury Department for construction of the post office building at Ely, Nevada.

Second low bidder for the Nevada post office job, treasury department officials reported, was Lundberg-Richter Co., Inc., of Fredericksburg, Va. The eastern firm's basic bid for the general contract amounted to \$68,950.

All bids were taken under advisement.

## 'Compression Wood' May Cause Warping, Laboratory Reports

Compression wood in boards from coniferous trees may cause bowing, twisting and warping, says a recent bulletin issued by the Forest Products Laboratory, maintained by the U. S. Forest Service at Madison, Wis.

Outlining development of such difficulties, the bulletin states:

"Compression wood troubles usually develop in lumber from the lower side of a large branch or the lower side of a leaning tree trunk. Pressure from the weight of the branch or the top of the leaning tree deforms the individual cells. When the lumber is sawed and the pressure removed, these abnormal cells begin to misbehave with every change in moisture. The wood fibers on opposite sides of a board do not shrink and swell in the same way and in the same proportion. Such lumber bends and twists and pulls out of shape. Compression wood is low in strength for its weight and hard to nail or work with tools. It can be identified in logs by the eccentric annual growth rings."

### Timber Bind

Compression wood, the bulletin explains, is known, also by the terms "hard grain" and "timber bind" in the English speaking countries. Rothholz is the common German name, derived from the color of the wood. The French term bois rogue gives some indication of the variable and defective nature of the material.

Good forest management cuts out the leaning trees to give straight trees the space. Lumber buyers can avoid trouble by learning to recognize the peculiarities in grain and growth that identify compression wood. These are described and illustrated in Technical Bulletin 546-T, "Structure, Occurrence and Properties of Compression Wood," by M. Y. Pillow and R. F. Luxford of the Forest Service. It gives the results of a

## BARRETT & HILP WIN INDUSTRIAL BUILDING JOBS

\$150,000 Ingold Salesrooms,  
\$80,000 Can Factory  
Contracts Let

Award of two large San Francisco industrial building contracts to Barrett & Hilp, 918 Harrison street, was announced Saturday by the contracting firm.

Larger of the two jobs is construction of the new sales and service building for Ernest Ingold, Inc., to be erected on Van Ness Ave. between O'Farrell and Olive streets at an estimated cost of approximately \$160,000.

The other contract is for an extension to the Western Can Company plant at Seventeenth and Rhode Island streets, which is expected to cost about \$80,000.

The Ingold building on Van Ness avenue will be the largest of its type constructed here in recent It will be three stories in height, of reinforced concrete, and will cover an area of 120 by 180 feet.

### Dinwiddie, Fisher

Plans for the Ingold sales and service building have been prepared by Architect J. E. Dinwiddie, 360 Pine street, with Alfred P. Fisher, 111 Sutter street, as structural engineer.

The Western Can company addition will be constructed on the Mariposa street side of the present plant at Seventeenth and Rhode Island streets, officials of the firm said Saturday.

It will be of reinforced concrete construction, to correspond with the existing buildings, and will contain all facilities for a modern can factory, including an elevator and spiral chutes. Excavations for the extension is to start Wednesday morning.

Plans for the Western Can job were prepared by Engineer Leeland S. Rosener, 233 Sansome St.

## GAR WOOD GRANTED EXPOSITION AWARD

Gar Wood Industries, Inc., was awarded a bronze plaque by the Jury of Awards during the National Oil Burner and Air Conditioning Exposition which was held recently at Philadelphia, according to Frank H. Dewey, general manager of the air conditioning division of Gar Wood Industries, Inc. The award was presented to the air conditioning division of the Company for having an attractive and interesting exhibit and for the manner in which the features of Gar Wood heating and air conditioning products were presented at the Exposition.

study of this abnormal lumber and may be ordered from the Superintendent of Documents, Washington, D. C., at 10 cents a copy.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

817	Auerbach	Peconi	3500
818	Cuciotta	Owner	2000
819	Madison	Phoenix	1600
820	Matson	Lindgren	1000
821	McMasters	Lindgren	2000
822	Pacific	Owner	9000
823	Stronshelm	Bourdieu	6539
824	Voorsanger	Owner	5000
825	Wolter	Owner	5000
826	Wolter	Owner	5000
827	Wolter	Owner	5000
828	Wolter	Owner	5000
829	Wolter	Owner	7000
830	Wobba	Mills	7000
831	Alpers	Augenstein	2000
832	Leigh	Akard	6000
833	Coffis	Salomon	1850
834	Easley	Miller	1500
835	Fanelia	Owner	1000
833	Anderson	Owner	4000
834	Devenenzi	Brueck	1500
835	Dutton	Davies	1000
836	Galli	Owner	4000
837	Galli	Owner	4000
838	Galli	Owner	4000
839	Galli	Owner	4000
840	Hormel	Rainey	1000
841	Jefferson	Phillips	6000
842	Meyer	Owner	3800
843	Meyer	Owner	4000
844	Meyer	Owner	4000
845	Moffett	Wagner	12500
846	Nelson	Owner	3000
847	North Beach	.....	25000
848	Phillip	Pearson	2000
849	Salomon	Alteration	1750
850	Shirek	Bokkelen	7000
851	Standard	Owner	3500
852	Standard	Owner	3500
853	Standard	Owner	3500
854	Western Can	Cobby	3000
856	Beck	Owner	4200
857	Evard	Owner	1900
858	Canonica	Owner	1000
859	Casey	Owner	20000
860	De Mande	Owner	1000
861	Evers	Owner	4500
862	Evers	Owner	4500
863	Granucci	Owner	3250
864	Johnson	Owner	3000
865	Johnson	Owner	3000
866	Johnson	Owner	3000
867	P G & E	Owner	10000
868	Persons	Coburn	1500
869	Tidewater	Owner	8000
870	Yosemite	Kulcher	1900
855	Barber	Owner	3500
856	Barber	Owner	4000
857	Becker	Kinley	3000
858	Foster	Murray	4985
859	Gellert	StanJard	4000
860	Sutton	Gibbs	1500

**ALTERATIONS**  
 (617) 1500 SUTTER ST. Alter apts.  
 Owner—H. Auerbach et al, Prem.  
 Contractor—Piconi Constr. Co., 383  
 21st Ave.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (618) 2870 24th ST. Alter flats and  
 store.  
 Owner—Peter Cuciotta, 2557 Bryant.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (819) 221 MASON ST. Alter hotel.  
 Owner—Madison & Burke, 221 Mason  
 St.  
 Contractor—Phoenix-Simpton Co., 539  
 Sixth St.  
 Architect—Not Given. \$1600

**BULKHEAD**  
 (820) W. MAIN, 183 S MARKET.  
 Bulkhead.  
 Owner—Matson Navigation Co., 215  
 Market St.  
 Contractor—Lindgren & Swinerton,  
 Inc., 225 Bush St.  
 Architect—Not Given. \$1000

**COCKTAIL ROOM**  
 (821) 209 POWELL ST. Cocktail  
 room.  
 Owner—A. McMasters, Prem.  
 Contractor—Lindgren & Swinerton,  
 Inc., 225 Bush St.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (822) CALIFORNIA AND MASON  
 Alter club.  
 Owner—Pacific Union Club, Prem.  
 Contractor—Lindgren & Swinerton,  
 Inc., 225 Bush St.  
 Architect—Lewis P. Hobart, 525  
 Market St. \$8000

**DWELLING**  
 (823) E. FUNSTON, 300 N MORA-  
 CA. One-story and basement  
 frame dwelling.  
 Owner—Peter Stronshelm, 538 Kirk-  
 ham.  
 Architect—Not Given. \$4000

**DWELLING**  
 (824) 2533 WASHINGTON ST. Al-  
 ter dwelling.  
 Owner—J. Voorsanger, 2131 Lyon St.  
 Contractor—J. E. Bourdeu, 2625 20th  
 St.  
 Architect—Not Given. \$6339

**DWELLING**  
 (825) W. MAYWOOD, 723 SW YER-  
 BA BUENA. Two-story and  
 basement frame dwelling.  
 Owner—Paul A. Wolter, Jr., 190 May-  
 wood Drive.  
 Architect—Earl MacDonald, 110 Sut-  
 ter St. \$5000

**DWELLING**  
 (826) S. ROSEWOOD, 244 E FERN-  
 WOOD. Two-story and basement  
 frame dwelling.  
 Owner—Paul A. Wolter, Jr., 190 May-  
 wood Drive.  
 Architect—Earl MacDonald, 110 Sut-  
 ter St. \$5000

**DWELLING**  
 (827) NW RAVENWOOD, 105 S OF  
 MAYWOOD. One-story and base-  
 ment frame dwelling.  
 Owner—Paul A. Wolter, Jr., 190 May-  
 wood Drive.  
 Architect—Earl MacDonald, 110 Sut-  
 ter St. \$5000

**DWELLING**  
 (828) W. MAYWOOD, 678 SW  
 YERBA BUENA. Two-story and  
 basement frame dwelling.  
 Owner—Paul A. Wolter, Jr., 190 May-  
 wood Drive  
 Architect—Earl MacDonald, 110 Sut-  
 ter St. \$5000

**DWELLING**  
 (829) WEST MAYWOOD, 529 SW  
 YERBA BUENA. Two-story and  
 basement frame dwelling.  
 Owner—Paul A. Wolter, Jr., 190 May-  
 wood Drive.  
 Architect—Earl MacDonald, 110 Sut-  
 ter St. \$7000

**STORE**  
 (830) SE COR. COLE and Carl Sts.  
 One-story and basement frame  
 store.  
 Owner—Wobba Bros., c/o architect  
 Contractor—Mills Const. Co., Russ  
 Building  
 Architect—Jorgensen & Deichmann,  
 321 Bush Street. \$7,000

**ALTERATIONS**  
 (831) 547 ALVARADO ST Alter  
 dwelling.  
 Owner—John Alpers, premises.  
 Contractor—A. E. Augenstein Jr, 132  
 Judson Avenue

Architect—W. E. Huson, 2808 Pierce  
 Street. \$2,000

**FLATS**  
 (832) SE COR. CARBILLO and 44th  
 Ave. One-story and basement  
 frame flats.  
 Owner—David Leigh, 4101 Lincoln  
 Way.  
 Contractor—W. C. Akard, 225 Cer-  
 vantes Blvd.  
 Architect—Not Given. \$6,000

**ALTERATIONS**  
 (833) 1715 WEBSTER ST. Alter  
 apartment house.  
 Owner—Tom Coffis, 1734 Broderick.  
 Contractor—L. Salomon, 1734 Brode-  
 rick Street.  
 Architect—Not Given. \$1,950

**RETAINING WALL**  
 (834) 120 BELGRADE. Retaining  
 wall.  
 Owner—F. E. Easley, 120 Belgrade.  
 Contractor—Miller Const. Co., 2917  
 Mission Street.  
 Architect—Not Given. \$1,500

**DWELLING**  
 (835) E JENNINGS 125 S Key Ave.  
 One-story frame dwelling.  
 Owner—Miller—Bruno Fanelia,  
 3421 Jennings.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (836) W 30th AVE, 275 N Taraval.  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—N. W. Anderson,  
 2427 24th Avenue.  
 Architect—Not Given. \$4,000

**ALTERATIONS**  
 (834) 5501 THIRD ST. Alter restau-  
 rant.  
 Owner—T. Devenenzi, 5501 Third St.  
 Contractor—M. Brueck, 12 00 Bay-  
 shore Blvd.  
 Architect—Not Given. \$1,500

**ALTERATIONS**  
 (835) 1130 HYDE ST. Alter apts.  
 Owner—Elie Dutton, 30 25th Ave.  
 Contractor—H. J. Davies Co., 3848  
 Geary Blvd.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (836) W 24th AVE, 278 S Ocean.  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—R. F. Galli, 377  
 West Portal Avenue.  
 Architect—E. H. Denke, 1317 Hyde  
 Street. \$4,000

**DWELLING**  
 (837) W 24th AVE, 386 South Ocean  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—R. F. Galli, 377  
 West Portal Avenue.  
 Architect—E. H. Denke, 1317 Hyde  
 Street. \$4,000

**DWELLING**  
 (838) W 24th AVE, 350 South Ocean.  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—R. F. Galli, 377  
 West Portal Avenue.  
 Architect—E. H. Denke, 1317 Hyde  
 Street. \$4,000

**DWELLING**  
 (839) W 24th AVE, 314 South Ocean  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—R. F. Galli, 377  
 West Portal Avenue.  
 Architect—E. H. Denke, 1317 Hyde  
 Street. \$4,000

**ALTERATIONS**  
(840) 1045 BRANNAN ST. Alter smoke house.  
Owner—Geo. A. Hormel & Co., 1045 Harrison Street.  
Contractor—Wm. A. Raney Co., 323 Clementina Street.  
Architect—Not Given. \$1,000

**DWELLING**  
(841) N CLARENDON 1000 W Twin Peaks Blvd. Two-story & basement frame dwelling.  
Owner—E. Jefferson, 2908 California.  
Contractor—Phillips & Coats, Oakland.  
Architect—Not Given. \$6,000

**DWELLING**  
(842) NE COR. JUANITA WAY & Fowler Ave. One-story and basement frame dwelling.  
Owner and Builder—Meyer Bros., 735 Portola Drive.  
Architect—Not Given. \$3,800

**DWELLING**  
(843) SW FOWLER 100 SE Juanita Way. One-story and basement frame dwelling.  
Owner and Builder—Meyer Bros., 735 Portola Drive.  
Architect—Not Given. \$4,000

**DWELLING**  
(844) SW FOWLER 125 Juanita Way. One-story and basement frame dwelling.  
Owner and Builder—Meyer Bros., 735 Portola Drive.  
Architect—Not Given. \$4,000

**ALTERATIONS**  
(845) NE EIGHTH and Brannan. Alter warehouse.  
Owner—Blake, Moffett and Towne, care contractor.  
Contractor—Geo. Wagner, 181 South Park.  
Architect—Not Given. \$12,500

**DWELLING**  
(846) NW CORBETT AVE. 241 NE Cassell. One-story and basement frame dwelling.  
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.  
Architect—Not Given. \$3,000

**ALTERATIONS**  
(847) 1741 POWELL Street. Alter theatre.  
Owner—North Beach Theatres, Inc., 25 Taylor Street.  
Contractor—Not Selected.  
Architect—A. A. Cantin, 61 Pine St. Engineer—Wm. Adrian, 417 Market Street. \$25,000

**ALTERATIONS**  
(848) 2890 BRYANT Street. Alter bakery.  
Owner—Jos. A. Philipp, 2890 Bryant.  
Contractor—Pearson & Johnson, 2031 Bryant Street.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(849) 4700 GEARY BLVD. Alter offices.  
Owner—Frank Salomon, 7400 Geary.  
Contractor—Alteration Carpenter Shop, 3122 Geary Blvd.  
Architect—Not Given. \$1,750

**ALTERATIONS**  
(850) 1065 HOWARD Street. Alter wholesale house.  
Owner—S. Shrek, care contractor.  
Contractor—W. K. Van Bokkelen, 439 23rd St. Oakland.  
Architect—Not Given. \$7,000

**DWELLING**  
(851) E 27th AVE 50 S Lawton St. One-story and basement frame dwelling.  
Owner and Builder—Standard Bldg Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(852) W 44th AVE. 100 N Lawton. One-story and basement frame dwelling.  
Owner and Builder—Standard Bldg Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(853) E 27th AVE. 75 S Lawton St. One-story and basement frame dwelling.  
Owner and Builder—Standard Bldg Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

(854) NW COR. MARIPOSA and De Haro. Alter warehouse.  
Owner—Western Can Co., 17th and Rhode Island Streets.  
Contractor—J. W. Cobby & Son, 260 Tehama Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(856) E. 46TH AVE., 75 N CABBRILO. One-story and basement frame dwelling.  
Owner—John Beck, 500 Leavenworth.  
Architect—Not Given. \$4,200

**ALTERATIONS**  
(857) 374 11th AVE. Alter flats.  
Owner—R. E. Byard, 880 33rd Ave.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(858) 1308 PACIFIC AVE. Alter apartments.  
Owner—R. Canonica, 1517 Jones.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(859) NW JACKSON AND POLK STS. Alter market.  
Owner—G. Casey, 110 Sutter St.  
Architect—Not Given. \$20,000

**ALTERATIONS**  
(860) 754 35TH AVE. Alter dwelling.  
Owner—E. H. De Mandel, Prem.  
Architect—Not Given. \$1,000

**DWELLING**  
(861) W STANYAN, 93 N TURK. One-story and basement frame dwelling.  
Owner—Kenneth Evers, 97 San Pablo Ave.  
Architect—Not Given. \$4,500

**DWELLING**  
(862) W. STANYAN, 66 N TURK. One-story and basement frame dwelling.  
Owner—Kenneth Evers, 97 San Pablo Ave.  
Architect—Not Given. \$4,500

**DWELLING**  
(863) W. NAPLES, 50 N PERU. One-story and basement frame dwelling.  
Owner—F. Granucci, 82 Naples.  
Architect—Not Given. \$3,200

**DWELLING**  
(864) E. MADISON, 125 S SILVER. One-story and basement frame dwelling.  
Owner—J. A. Johnson, 69 Madison.  
Architect—Not Given. \$3,000

**DWELLING**  
(865) E. MADISON, 150 S SILVER. One-story frame dwelling.  
Owner—J. A. Johnson, 69 Madison.  
Architect—Not Given. \$3,000

**DWELLING**  
(866) E. MADISON, 175 S SILVER. One-story and basement frame dwelling.  
Owner—J. A. Johnson, 69 Madison.  
Architect—Not Given. \$3,000

**SUBSTATION**  
(867) W 8TH AVE. 225 S JUDAH. Owner—Pacific Gas & Electric Co., 745 Market.  
Architect—Not Given. \$10,000

**ALTERATIONS**  
(868) 138 ALBION. Alter apartments.  
Owner—Mr. Persons, 2048 Market St.  
Contractor—Jra W. Coburn, 2048 Market St.  
Architect—Not Given. \$1500

**SERVICE STATION**  
(869) SW COR. FELL AND SCOTT STS. One-story steel service station.  
Owner—Tidewater Associated Oil Co., 79 New Montgomery.  
Architect—Not Given. \$8000

**ALTERATIONS**  
(870) 39 GEARY. Alter office and store.  
Owner—Yosemite Park and Curry Co., Prem.  
Contractor—S. Kulcher & Co., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(855) SW COR. CAYUGA AND GORMAN. One-story and basement frame dwelling.  
Owner—H. Barber, 225 College Ave.  
Architect—Not Given. \$3,500

**DWELLING**  
(856) N. MONTEREY, 25 E EDNA. One-story and basement frame dwelling.  
Owner—H. Barber, 225 College Ave.  
Architect—Not Given. \$4,000

**DWELLING**  
(857) S. GARFIELD, 75 W VICTORIA. One-story and basement frame dwelling.  
Owner—H. F. Becker, 1967 Ocean.  
Contractor—J. M. Kinley, 206 Judah St.  
Architect—Not Given. \$3,000

**ALTERATIONS**  
(858) 70 SUTTER. Alter restaurant.  
Owner—Foster Lunch Co., 986 Mission.  
Contractor—A. E. Murray, 1055 Mission.  
Architect—Not Given. \$4,985

**DWELLING**  
(859) NW SLOAT BLVD AND ARDENWOOD WAY. Two-story & basement frame dwelling.  
Owner—Gertrude E. Gellert, 218 Castaneda Ave.  
Contractor—Standard Bldg. Co., 1500 Judah St.  
Architect—D. E. Jaekle, 126 Post St. \$4,000

**ALTERATIONS**  
(860) 880 SUTTER ST. Alter store.  
Owner—H. M. Sutton, Russ Bldg.  
Contractor—M. Gibbs, 2116 Fillmore St.  
Architect—Not Given. \$1500

## ALAMEDA COUNTY

564 Bell	Owen	1000
565 Callahan	Leonardo	4000
566 Dodge	Hasbrauck	2900
567 Dodge	Hildebrand	2500
568 Frederickson	Owner	5000
569 Johnson	Owner	5000
570 Lamb	Appelbe	13000
571 Milton	Brasch	4500
572 Perry	Anderson	4000
573 Uklingee	Bizelow	4000
574 Fletcher	Walstrom	1950
575 Smith	Holler	8500
576 Berkeley	Branagh	30000
575 Bohannon	Owner	4500
576 Bohannon	Owner	4500
577 Bohannon	Owner	5000
578 Bohannon	Owner	5500
579 Bohannon	Owner	5500
580 Bohannon	Owner	5000
581 Home Loan	Gabriel	6000
582 Don Lee, Inc	Heathorn	1450
583 Asia	Yick	1000
584 Street	Rose	1500
585 Ryberg	Jordan	4500

585 Salvation Kaufenberg 5500  
 587 Svederdmann Owner 3500  
 588 Mueller Owner 4000  
 589 Vallegra Ungaretti 1000  
 590 Van Ness Owner 7000  
 591 Allison Rodoring 4600  
 592 Furtado Owner 3000  
 593 Jannsen Rose 1800  
 594 Koenig Nichols 2150  
 595 Laking Owner 6000  
 596 Pollard Owner 4750  
 597 Shuey Owner 2000

598 Berkeley School Central 23465  
 599 Bush Poston 1900  
 600 Butler Baker 1639  
 601 Fisher Johnson 3000  
 602 Fleming Owner 5500  
 603 Jary Duncan 6000  
 604 Oliveira Waldman 1355  
 605 Phillips Owner 5500  
 606 Rinetti Alexander 2500  
 607 Serrano Waldman 1335  
 608 Simon Golden 2335  
 609 McCarter Weston 7800  
 610 Fischer Johnson 3500  
 611 Pfang Owner 7000  
 612 Haywood Owner 3500  
 613 Moen Owner 3500  
 614 Martin Campomenosi 17500  
 615 Loeffler Narling 1500

**ALTERATIONS**  
 (564) 1045 FOLGER AVE., BERKELEY. Alterations. Owner—Bell Pkg. Co., premises. Contractor—W. K. Owen, 3145 Pletner Ave., Berkeley. Architect—Not Given. \$1,000

**DWELLING**  
 (565) 1541 67th AVE., OAKLAND. One-story 6-room dwelling. Owner—E. J. Callaban, 1839 98th Ave., Oakland. Contractor—F. J. Leonardo & Son, 1456 86th Ave., Oakland. Architect—Not Given. \$4,000

**DWELLING**  
 (566) 1455 76th AVE., OAKLAND. One-story 5-room dwelling. Owner—F. A. Dodge, 1813 Alameda Ave., Alameda. Contractor—I. G. Hasbrauck, 1244 Broadway, Alameda. Architect—Not Given. \$2,900

**DWELLING**  
 (567) 1461 76th AVE., OAKLAND. One-story 5-room dwelling. Owner—F. A. Dodge, 1813 Alameda Ave., Alameda. Contractor—C. G. Hildebrand, 2164 Hearst Ave., Berkeley. Architect—Not Given. \$2,900

**DWELLING**  
 (568) 1871 TIFFIN ROAD, OAKLAND. One-story 6-room dwelling. Owner and Contractor—H. S. Fredrickson, 1532 Hampel St., Oakland. Architect—Not Given. \$5,000

**DWELLING**  
 (569) 32 EL CARMELO CIRCLE, OAKLAND. One-story six-room dwelling. Owner and Builder—O. W. Johnson, 3721 Young Avenue. Architect—Not Given. \$5,000

**DWELLING**  
 (570) 12 PERSHING DRIVE, OAKLAND. Two-story 9-room dwelling. Owner—E. W. Lamb, 2421 Carlton St., Berkeley. Contractor—Frank H. Appelle, 1067 Walker St., Oakland. Architect—W. W. Wurster, 260 California St., San Francisco. \$13,000

**DWELLING**  
 (571) 1573 FERNWOOD DR., OAKLAND. One-story 5-room dwelling. Owner—G. A. Milton, 3026 56th Ave., Oakland.

Contractor—M. P. Brasch, 1600 Mtn. Blvd., Oakland. Architect—Not Given. \$4,500  
 Also 1-story garage, \$500.

**DWELLING**  
 (572) 3859 ENOS AVE., OAKLAND. One-story 4-room dwelling. Owner—A. H. Perry, 5354 Calaveras Ave., Oakland. Contractor—F. J. Anderson, 2732 Gordon St., Oakland. Architect—Not Given. \$4,000

**DWELLING**  
 (573) 1220 MONTEREY, BERKELEY. One-story 6-room frame dwelling and garage. Owner—E. Ukingee, 2375 109th Ave., Oakland. Contractor—J. E. Bigelow & Son, 150 Ardmore Road, Oakland. Architect—Not Given. \$4,000

**ALTERATIONS**  
 (574) 445 MOUNTAIN AVE., PIEDMONT. Alterations. Owner—Lawrence Fletcher, 445 Mtn. Ave. Contractor—Carl Walstrom, 447 Excelsior. Architect—Clarence Mayhew. \$1989

**RESIDENCE**  
 (575) 672 BEAR AVE., PIEDMONT. Two-story 7-room residence, and garage. Owner—Dorothy King Smith, Jerome Avenue. Contractor—Paul H. Holler, 6221 Buena Vista, Oakland. Architect—Not Given. \$8,500

**AUDITORIUM**  
 (574) 2771 TELEGRAPH AVENUE, BERKELEY. School auditorium. Owner—Berkeley Unified School District, 2325 Milvia St. Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont. Architect—W. C. Ambrose. \$30,000

**DWELLING**  
 (575) 3533 MIRASOL AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$4,500

**DWELLING**  
 (576) 3524 MIRASOL AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$4,500  
 Also 1-story garage, \$500.

**DWELLING**  
 (577) 3517 MIRASOL AVE., OAKLAND. Two-story 5-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$5,000  
 Also 1-story garage, \$500.

**DWELLING**  
 (578) 3500 MIRASOL AVE., OAKLAND. Two-story 6-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$5,500  
 Also 1-story garage, \$500.

**DWELLING**  
 (579) 3420 MARGARITA AVE., OAKLAND. One-story 6-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$5,500

**DWELLING**  
 (580) 3439 MARGARITA AVE., OAKLAND. One-story 5-room dwelling. Owner and Builder—David D. Bohannon, 331 17th St., Oakland. Architect—Not Given. \$5,000

**DWELLING**  
 (581) 1018 LEO WAY, OAKLAND. One-story 6-room dwelling. Owner—Home Loan Security Co. 1447 Franklin St., Oakland. Contractor—Walter N. Gabriel, 1447 Franklin St., Oakland. Architect—Not Given. \$6,000

**RE-ROOF**  
 (582) 2500-42 HARRISON STREET, OAKLAND. Re-roof. Owner—Don Lee, Inc. Contractor—N. V. Heathoro Roofing Co., 354 Hobart St., Oakland. Architect—Not Given. \$1,450

**ALTERATIONS**  
 (583) 815 WEBSTER Street, OAKLAND. Alterations. Owner—Asia Restaurant, premises. Contractor—Frank Yick, 300 8th St., Oakland. Architect—Not Given. \$1,000

**REPAIRS**  
 (584) 2439-45 TELEGRAPH AVE., OAKLAND. Repair fire damage. Owner—Wilhemina Street, 1335 Bates Road, Oakland. Contractor—A. H. Rose, 478 25th St., Oakland. Architect—Not Given. \$1,500

**DWELLING**  
 (585) 1825 SAN RAMON, BERKELEY. One-story six-room frame dwelling and garage. Owner—J. E. Ryberg, 917 Contra Costa Road, Berkeley. Contractor—St. Jordan, 231 Foothill Blvd., Berkeley. Architect—Not Given. \$4,500

**ADDITION**  
 (586) 533 NINTH ST., OAKLAND. One-story brick addition. Owner—Salvation Army, Inc., San Francisco. Contractor—V. A. Kaufenberg, Saint Marks Hotel, Oakland. Architect—E. T. Foulkes, 357 12th St., Oakland. \$5,500

**FACTORY**  
 (587) 1090 MURRAY, BERKELEY. Two-story factory. Owner and Builder—O. A. Sundermann, 921 University Ave., Berkeley. Architect—Not Given. \$1,500

**DWELLING**  
 (588) 859 CRESTON, BERKELEY. Two-story 5-room frame dwelling. Owner and Builder—T. R. Mueller, 698 Creston, Berkeley. Architect—C. Mayback. \$4,000

**STORE**  
 (589) 1515 CYPRESS ST., OAKLAND. One-story store. Owner—G. Vallegra, 1402 15th St., Oakland. Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd., Oakland. Architect—Not Given. \$1,000

**DWELLING**  
 (590) 1346-1318 LEIMERT BLVD., OAKLAND. Two-story 10-room 3-family dwelling. Owner and Builder—L. E. Van Ness, 4920 Park Blvd., Oakland. Architect—Not Given. \$7,000

**DWELLING**  
 (591) 4121 WATERHOUSE ROAD, OAKLAND. One-story 6-room dwelling. Owner—J. D. Allison, Prem Contractor—K. O. Rodoring, 430 Foothill Blvd. Architect—Not Given. \$4,000

**STORE**  
 (592) 7326 E 14TH ST., OAKLAND. One-story store and living quarters. Owner & Builder—Ralph F. Furtado.

1720 73rd Ave.  
Architect—Not Given. \$3000

REPAIRS  
(982) 2017 85TH AVE., OAKLAND.  
Fire repairs.

Owner—Ernestine Janssen, Prem.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1800

DWELLING  
(594) 6258 HILLMONT, OAKLAND.  
One-story 4-room dwelling.  
Owner—M. L. Koenig, 1106 Broadway.  
Contractor—Leo L. Nichols, 1106  
Broadway.  
Architect—Not Given. \$2750

DWELLING  
(595) 5355 ESTATES DRIVE, OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—C. W. Leekins, 6054  
La Salle Ave.  
Architect—Not Given. \$6000  
Also 1-story garage, \$500.

DWELLING  
(596) W. HARBOARD DR., LOT 32,  
TRACT 506, OAKLAND. Two-  
story 6-room dwelling.  
Owner & Builder—A. J. Pollard, 77  
Plaza Dr., Berkeley.  
Architect—Not Given. \$4750

ALTERATIONS  
(597) 5873-77 BIRCH COURT, OAK-  
LAND. Alterations to apart-  
ments.

Owner & Builder—Chas. S. Shuey,  
2923 Woolsey St., Berkeley.  
Architect—Not Given. \$2000

SWIMMING POOL  
(598) 2211 GROVE ST., BERKE-  
LEY (Berkeley High School).  
Reconstruction of swimming pool.  
Owner—Berkeley School District.  
Contractor—Central Calif. Const. Co.,  
115 Burrows St., San Francisco.  
Architect—Not Given. \$23,485

DWELLING  
(599) 1125 CEDAR ST., BERKE-  
LEY. One-story 4-room frame  
dwelling and garage.  
Owner—S. M. Bush, 1711 10th St.,  
Berkeley.  
Contractor—J. Poston, 725 Virginia  
St., Berkeley.  
Architect—Not Given. \$1900

ALTERATIONS  
(600) 5833 MENDOCINO Avenue,  
OAKLAND. Alterations.  
Owner—C. E. Butler, 5833 Mendoc-  
ino Ave., Oakland.  
Contractor—W. J. Baker, 2255 Ran-  
some Ave., Oakland.  
Architect—Not Given. \$1,639

DWELLING  
(601) 1220 TALBOT ST., BERKE-  
LEY. One-story five-room frame  
dwelling.  
Owner—C. R. Fisher, 6127 Foothill  
Blvd., Oakland.  
Contractor—E. Johnson, 450 Oaks  
Bldg., San Leandro.  
Architect—Not Given. \$3,000

DWELLING  
(602) 3745 VICTOR AVE., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—John Fleming,  
2248 Coloma St., Oakland.  
Architect—Not Given. \$5,500

DWELLING  
(603) 8555 HERON DRIVE, OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner—M. Jary, 3527 Telegraph Ave.,  
Oakland.  
Contractor—Geo. Duncan, 2523 78th  
Ave., Oakland.  
Architect—Not Given. \$6,000

ADDITION  
(604) 2604 C STREET, OAKLAND

Addition.  
Owner—Jos. T. Oliveira, premias.  
Contractor—A. E. Waldman, 5409  
Foothill Blvd., Oakland.  
Architect—Not Given. \$1,335

DWELLING  
(605) 1994 OAKCREST DR., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—Chas. O. Phil-  
lips, 901 Rose Ave., Oakland.  
Architect—Not Given. \$5,500

GARAGE  
(606) 8124 E 14th ST., OAKLAND.  
One-story tile garage.  
Owner—Al Rinnett, 1719 87th Ave.,  
Oakland.  
Contractor—Fred D. Alexander, 358  
17th St., Oakland.  
Architect—Not Given. \$2,500

ADDITION  
(607) 9500 C ST., OAKLAND. Ad-  
dition.  
Owner—Frank C. Serrano, 9500 C St.,  
Oakland.  
Contractor—A. E. Waldman, 5409  
Foothill Blvd., Oakland.  
Architect—Not Given. \$1,335

ALTERATIONS  
(608) 639 BROADWAY, OAKLAND.  
Alterations.  
Owner—Simon Hardware Co., 808  
Broadway, Oakland.  
Contractor—Louis L. Golden, 505 E  
14th St., Oakland.  
Architect—Not Given. \$2,355

DWELLING  
(609) 470 VASSAR, BERKELEY.  
One and one-half story 6-room  
frame dwelling, and garage.  
Owner—W. McCarter, Rose St.  
Contractor—J. O. Weston, 1729 Grove.  
Architect—J. B. Anthony, 2104 Shat-  
tuck. \$7800

DWELLING  
(610) 8218 OUTLOOK AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—C. R. Tisher, 6127 Foothill  
Blvd.  
Contractor—Elmer Johnson, 450  
Oakes Blvd., San Leandro.  
Architect—Not Given. \$3500

DWELLING  
(611) 6248-50 CLAREMONT AVE.,  
OAKLAND. Two-story 8-room  
2-family dwelling.  
Owner & Builder—C. J. Pfrang, 6300  
Claremont Ave.  
Architect—Not Given. \$7000

DWELLING  
(612) 2998 BARRETT ST., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—Chas. D. Hayward,  
223 Frisbie St.  
Architect—Not Given. \$3500

DWELLING  
(613) 2439 DURANT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—Ole Moen, 3201  
Wyman St.  
Architect—Not Given. \$3500  
Also 1-story garage, \$100.

APARTMENTS  
(614) 5420-22-24-26 CLAREMONT  
AVE., OAKLAND. Two-story,  
16-room apartments.  
Owner—R. Martino, 5426 Claremont  
Ave.  
Contractor—E. Campomenosi, 6401  
Broadway Terr.  
Architect—R. C. Schuppert, 1530 Wel-  
lington St. \$17,500

ADDITION  
(615) 5415 HILLEN DRIVE, OAK-  
LAND Addition.  
Owner—H. G. Loeffler, Prem.  
Contractor—R. F. Narling, 1011 Bue-

na Vista Ave., Alameda.  
Architect—Not Given. \$1500

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

60 Sanderson	Jones	1150
63 Wright	Haulman	8370
64 Salvation	Kaufberg	5515
65 Butler	Baker	1639
59 Seymour	.....	.....
61 Sanford	Early, Jr	7000
62 Wobber	Mills	11382

STORE FRONT  
(59) 1165 MARKET ST. Store front.  
Owner—Withheld.  
Contractor—Seymour Show Case &  
Fixture Co., 221 Post St.  
Bond, \$1,859.50. Surety, U. S. Fidelity  
& Guaranty Co.

DWELLING  
(60) E. HYDE, N OF CHESTNUT.  
Two-story and basement frame  
dwelling.  
Owner—Mary Jane and Clara Wilson  
Sanderson.  
Contractor—Thos. M. Jones.  
75% per month.  
25% usual 35 days.  
TOTAL COST, \$1,150.00

SERVICE STATION  
(61) SE COR. 25th AVE. and Clemen-  
t St. Service station.  
Owner—Fannie N. & Helen N. San-  
ford.  
Architect—Not Given.

Contractor—Fred J. Early, Jr.  
Filed, April 3, '37. Dated, Feb. 11, '37.  
Completion of steel work..... 25%  
Completion of concrete, etc..... 25%  
Completion of work..... 25%  
Usual 35 days..... 25%  
TOTAL COST, \$7,900  
Forfeit, \$5 per day. Limit, 50 days.  
Plans and specifications filed.

STORE BLDG.  
(62) SE COR. of Cole and Carl Sts.  
One-story frame & plaster store  
building.

Owner—Wobber Brothers Corp.  
Architect—Jorgensen & Deichmann.  
Contractor—Mills Const. Company.  
Filed, Apr. 2, '37. Dated, Apr. 1, '37.  
Tenth of each month..... 75%  
Usual 35 days..... 25%  
TOTAL COST, \$11,382  
Bond, \$11,382. Sureties, U. S. Fidelity  
& Guaranty Co. Forfeit, \$10. Limit,  
75 days. Plans and Spec. filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

DWELLING  
(63) NE COR. FOUNTAIN & GEN-  
ERAL AVE., ALAMEDA. One-  
and-one-half story frame stucco  
dwelling.

Owner—S. C. and Sadie J. Wright.  
Contractor—P. Royal Haulman.  
Filed Apr. 3, '37. Dated Apr. 2, '37.  
25% rates in place.  
25% brown plastered.  
25% completion.  
25% usual 53 days.

TOTAL COST, \$8,370.00  
Bond, \$4185. Surety, Fidelity & De-  
posit Co. Limit, June 30, 1937. Plans  
and specifications.

ALTERATIONS  
(64) 523 NINTH ST., Oakland. Ad-  
ditions and alterations.  
Owner—The Salvation Army.  
Architect—Edward T. Foulkes.  
Contractor—Victor A. Kaufberg.  
Filed April 6, '37. Dated, April 1, '37.  
On or before 4th of each mo..... 90%  
Usual 35 days..... 10%  
TOTAL COST, \$5515.00

Bond, \$5515 Sureties, Standard Accident  
Ins. Co. Limit, 60 days. Plans  
and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                                |
|---------------------------------|------------------------------------------------|
| 1.—Apartments                   | Offices                                        |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants                |
| 3.—Churches                     | 12.—Power Plants                               |
| 4.—Factories and Warehouses     | 13.—Public Buildings and Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                                 |
| 6.—Garages and Service Stations | 15.—Schools                                    |
| 7.—Federal Buildings            | 16.—Banks, Stores and Lngs.                    |
| 8.—Club Buildings               | 17.—Theatres                                   |
| 9.—Hospitals                    | 18.—Wharves & Docks                            |
| 10.—Hotels                      | 19.—Misc. Constructions                        |
|                                 | 20.—Misc. Supplies & Etc.                      |

## 1— APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$9,000  
**SACRAMENTO**, Sacramento County, Calif., 1504 28th St.  
 Stucco apartment building (four 3-room apartments).  
 Owner—Mrs. A. Mera, 909 Pine St., San Francisco.  
 Architect—Not Given.  
 Contractor—Bill Saunders, 2614 I St., Sacramento.

**To Be Done By Days Work**  
**APARTMENTS** Cost, \$12,500 ea.  
**SAN JOSE**, Santa Clara Co., Calif., No. 1st and No. 2nd Streets.  
 Four frame and stucco apartment buildings (4 apts. each)  
 Owner and Builder—W. C. Thompson Rt. 2, Box 351, Santa Cruz.  
 Architect—Not Given.

**Owner Taking Sub Bids**  
**APARTMENTS** Cost, \$50,000  
**SAN FRANCISCO**, NW Market St., 198 ft. SW of Church Street.  
 Three-story frame and stucco apartment building (50 x 100 ft.) consisting of 42 rooms in 3 and 4 room apts., hardwood floors, tile baths, etc.

Owner—D. Hirschberg.  
 Architect—Willis E. Huseon & P. C. Fisher, 251 Kearny Street.  
 Murry Felds, % Rae Candy Co., 2128 Market St., is now taking subbids for the owner.

**Sub Contracts Awarded**  
**APARTMENTS** Cost, \$60,000  
**SAN FRANCISCO**, NW Cor. North Point and Broderick Sts.  
 Three-story frame and stucco apartment building (54 rooms, in two-, three- and four-room apts.), tile baths, hardwood floors, composition roof, automatic refrigeration, steam heat concealed radiation, etc.

Owner & Builder—Viggo Rasmussen, 1695 North Point St., San Francisco.

Architect—R. R. Irvine, 2048 Market St., San Francisco.  
**Structural Steel**—Golden Gate Iron Works, 1541 Howard Street, San Francisco.

**Elevator**—Pacific Elevator Co., 45 Rausch St., San Francisco.  
**Windows**—Michel & Pfeffer Iron Works, Inc., Harrison and 10th Sts., San Francisco.

**Electric**—Martinez Electric Co., 2173 North Point St., San Francisco.  
**Electric Refrigerators**—Frigidaire Corp., Financial Center Bldg., San Francisco.

**Lumber**—Smith Lumber Co., 4th and Channel Sts., San Francisco.  
**Hardwood Floors**—Carl Stendell, 41

Cumberland St., San Francisco.  
**Plumbing**—Michael King, 231 Franklin St., San Francisco.  
**Plumbing**—M. Deslano, 3117 Fillmore St., San Francisco.

## 3— CHURCHES

**PLANS BEING REVISED**  
**LOS ANGELES, Calif.**—Architects M. L. Barker and G. Lawrence Ott, Room 209, 624 S. La Brea Ave., are revising plans and will take new bids shortly from a selected list of contractors for a new church and five-classroom school to be built at Transfiguration Parish, West Santa Barbara Ave., for the Roman Catholic Archdiocese of Los Angeles; Rev. James P. Buckley, pastor. The school will be a reinforced concrete structure and the church will be changed to frame and stucco. Bids received on March 24 were rejected.

## 4— FACTORIES & WAREHOUSES

April 8, 1937.

**BIDS OPENED**  
**LIVERMORE**, Alameda Co., Calif.—Empire Construction Co., Ltd., Russ Bldg., San Francisco, at \$5,380, submitted low bid to the San Francisco Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 107, for construction of Livermore warehouse.

Work includes clearing for site, except that existing barn on the site of the work will be removed by others prior to beginning of construction; excavation and backfill for foundations and floor slab; one-story timber frame construction; corrugated metal covered warehouse on a concrete foundation.

Complete bids follow:  
 Empire Constr. Co., Ltd., S. F. \$5,380  
 L. Uebel, Ripon, " " 5,750  
 N. R. Nicholson, 217 Eddy St., S. F. " 5,984

C. A. Bruce & Sons, Pleasanton, " 6,682  
 Tornell Co., Tracy, " 7,195  
 E. T. Lesure, Oakland, " 7,920  
 Bids have been referred to the Public Utilities Commission.

**Sub Contracts Awarded**  
**FREIGHT HOUSE** Cost, \$ .....  
**SAN FRANCISCO**, Spear Street and Bryant Street.

Three-story reinforced conc. freight house (137 x 137 feet), to be built on pile foundation.

Owner—Santa Fe Ry. Co., Kerckhoff Bldg., Los Angeles.

Plans by Construction Department of Owner (M. C. Blanchard, chief engineer, Coast Lines).  
 Contractor—Lindgren & Swinerton, 225 Bush St.

**Metal Roofing**—H. H. Robertson Co., 50 Hawthorne St.

**Sheet Metal & Kalamain Work**—Morrison & Co., 74 Duboce St.

**Lumber**—Loop Lumber Co., Central Basin.

**Concrete Form Panels**—Maris Plywood Co., 735 3rd St.

**Cement Floor Finish**—Kalmal Floor Co., 5152 Highland Ave., Los Angeles.

**Metal Toilet Partitions**—Dwan & Co., 126 Post St.

**Glass**—W. P. Fuller & Co., 301 Mission St.

**Misc. Iron**—Star Ornamental Iron Works, 227 Bay St.  
 As previously reported: Lathing & Plastering, Leonsard Bosch, 167 5th

Ave., Metal Columna, Steelform Contracting Co., 688 Harrison St.; Plumbing & Heating, James H. Pinkerton Co., 927 Howard St.; Reinf. Steel & Mesh, Bethlehem Steel Co., 20th and Illinois Sts.; Steel Windows, Truscon Steel Company, 604 Mission Street; Excavations, Devincenzi & Haskins, 440 Anza Street; Structural Steel, Herick Iron Works, 1729 Campbell St., Oakland.

**Sub-Contracts Awarded**  
**INDUSTRIAL BLDG.** Cost, \$20,000  
**OAKLAND**, Alameda Co., Calif. SW Cor. 24th and Union Streets.

One-story reinforced concrete industrial building (55x115 feet) steel roof trusses, Class C construction, composition roof, steel sash.

Owner—J. C. White.  
 Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

**Structural Steel**—Independent Iron Works, 821 Pine St., Oakland.

**Reinforcing Steel**—Truscon Steel Co., 604 Mission St., San Francisco.

**Placing Reinforcing Steel**—J. Phillips Murphy, 3901 Mission Street, San Francisco.

As previously reported, steel windows awarded to Detroit Steel Products Co., 111 Sutter St., San Francisco.

**Bids Opened**  
**WAREHOUSE** Cost, \$125,000  
**EMERYVILLE**, Alameda Co., Calif., Powell St. and Bayshore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 feet).

Owner—J. Catucci.  
 Lessee—Bigelow-Sanford Carpet Co., of New York.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Low Bidder—W. G. Thornally, Builders' Exchange Bldg., Oakland, \$151,000.

Following are complete basic bids:  
 W. G. Thornally, Oakland, " \$151,900  
 H. J. Christiansen Co., Oakland, " 156,814

John F. Tulloch, Oakland, " 157,714  
 K. E. Parker Co., S. F., " 158,465

L. C. Dunn, Inc., S. F., " 159,865  
 The Austin Co., Oakland, " 160,000

Dinwiddie Const. Co., S. F., " 160,000  
 Clinton Const. Co., S. F., " 162,150

Fred J. Early, Jr., S. F., " 164,200  
 S. G. Johnson, Oakland, " 165,400

Geo. Petersen, San Leandro, " 165,757  
 Cahill Bros., San Francisco, " 169,000

Lindgren & Swinerton, S. F., " 177,776

## PREPARING WORKING DRAWINGS

**LOS ANGELES, Calif.**—Architect Albert C. Martin, 233 Higgins Bldg., is preparing working drawings for a Class A 3-story, reinforced concrete warehouse and office building (215x161 ft.) to be erected on Vignes St. between Banning and Turner Sts. for the General Electric Co., 5201 Santa Fe Ave., Paul Jeffers, 816 W. Fifth St. is the structural engineer, and E. L. Ellingwood, H. W. Heilmann Bldg., is the mechanical engineer. Upon completion of plans, competitive bids will be taken.

**Contract Awarded**  
**FACTORY ADDITION** Cost, \$80,000  
**SAN FRANCISCO**, Calif., 17th and Rhode Island Sts.

Reinforced concrete addition to can factory (56 x 200 ft.); elevator, apron chutes, etc.

Owner—Western Can Company.  
 Architect—Eng. Leland S. Rosner,

233 Sansome St.  
Contractor—Barrett & Hilp, 918 Harrison Street.  
Excavation will start Wednesday morning.

**Bids Opened**  
CORP. YARD BLDG. Cost, \$9,000  
SACRAMENTO, Sacramento County  
CALIF., S. St. bet. Alhambra Blvd.  
and 34th St.  
Frame and corrugated iron incorporation yard storage and office bldg. (120 x 40 ft.) elevated concrete floor, offices in end of building, plaster finish.  
Owner—City of Sacramento (H. G. Denton, City Clerk).  
Architect—Not Given.  
Low Bidder—Henry Finnigan, 1714 16th St., Sacramento.  
Complete bids follow:  
Henry Finnigan ..... \$9,334  
Lawrence Constr. Co. .... 9,448  
C. J. Hopkinson ..... 9,465  
L. F. Gould ..... 9,543.50  
Holsinger Constr. Co. .... 9,887  
W. C. Keating ..... 9,888  
H. W. Robertson ..... 9,963  
Chas. F. Unger ..... 10,693  
Peterson & Steinbrenner ..... 10,810  
All of Sacramento.

**CONTRACT AWARDED**  
VERNON, Los Angeles Co., Calif.  
—Wm. P. Nell Co., 4514 Loma Vista,  
awarded contract for construction of a two-story bag factory (50,000 sq. ft.) in the Central Mfg. District, Vernon, for the Union Bag & Paper Corp., Woolworth Bldg., New York City. Plans by Architect Harry Miller.

**To Be Done By Day Work**  
ADDITION Cost, \$10,000  
REDWOOD CITY, San Mateo Co., Calif., Harbor Road.  
Addition to factory building.  
Owner and Builder—Plant Rubber & Asbestos Co., Chestnut Drive, R.C. Architect—Plans by Eng. Dept. of Owner.

**Sub Contract Awarded**  
DAIRY BLDG. Cost, \$75,000  
MANTECA, San Joaquin Co., Calif., Oak Street.  
One-story steel frame dairy building (55x135), brick walls, wood roof, construction.  
Owner—Kraft-Phenix Cheese Co. Plans by Engineering Department of the Owner.  
Contractor—Cahill Bros., 206 Sansome St., San Francisco.  
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St.  
As previously reported, structural steel awarded to Western Iron Works, 141 Beale St., Brick and Hollow Tile awarded H. E. Drake, 666 Mission St., and Plumbing awarded O. H. Vetter, 237 S. Hunter St., Stockton.

**Contract Awarded**  
ALTERATIONS Cost, \$7,000  
SAN FRANCISCO, 1058 Howard.  
Alter wholesale house.  
Owner—S. Shirek, c/o contractor.  
Architect—Not Given.  
Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland.

**Contract Awarded**  
ALTERATIONS Cost, \$12,500  
SAN FRANCISCO, NE Eighth and Brannan Streets.  
Alter warehouse.  
Owner—Blake, Moffitt and Towne, 41 First Street.  
Architect—Not Given.  
Contractor—George Wagner, 181 So. Park.

**To Be Done By Day's Work**  
CANNING PLANT Cost, \$250,000  
MONTEREY, Monterey Co., Cal 756 Ocean View.  
Frame and corrugated iron cannery plant (250x129-ft.) and two-story warehouse.

Owner—Del Mar Canning Co. (Edw. David, Pres.), 756 Ocean View, Monterey.  
Architect—Not Given.  
Manager of Const.—Morris Matheson, 722 Gibson St., Pacific Grove.  
New plant will replace one destroyed by fire last November.

**Sub Contracts Awarded**  
PACKING PLANT Cost, \$ .....  
RIO VISTA, Solano Co., Calif.  
New frame and concrete packing plant.  
Owner—Calif. Packing Corp., 101 California St., San Francisco.  
Plans by Engineering Department of Owner (Phillip Bush, Engr.).  
Contractor—H. W. Robertson, 3004 F St., Sacramento.  
Roofing—Bush Roofing Co., 1912 K Street.  
Sheet Metal—Frank Z. Ahl, 2114 P St.  
Glass—T. E. Cain, Inc., 2416 J St.  
Iron Grille Work—Palm Iron Works, P.O. Box 740.  
Lumber—Noah Adams Lumber Co., Walnut Grove.  
Hardware—Diamond Match Co., Chico.  
All of Sacramento, unless otherwise noted.

## 5—FLATS

**To Be Done By Day's Work**  
FLATS Cost, \$8,000 each  
SAN FRANCISCO, Buchanan and Chestnut Sts., Buchanan and Magnolia Sts.  
Two two-story frame and stucco flat buildings.  
Owner & Builder—Thos. R. Sharman, 3700 Broderick St.  
Architect—Not Given.

## 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
ALTER SERVICE STATION Cost, \$ .....  
SAN FRANCISCO, Fell and Stanyan Streets.  
Renew pumps and paint same.  
Owner—Shell Oil Co.  
Plans by Engineering Department of Owner.  
Contractor—V. M. Henrietta, 2929 21st Ave.

**FIRE LOSS**  
WALNUT GROVE, Sacramento Co., Calif.—Fire recently destroyed the garage and salesroom of the Molino Chevrolet Company, with damage estimated at \$30,000. John Molino, proprietor, announced he will rebuild at an early date.

**To Be Done By Day's Work**  
SERVICE STATION Cost, \$8,000  
SAN FRANCISCO, SW Cor. Scott and Fell Sts.  
One-story steel service station.  
Owner—Tidewater Associated Oil Co., 79 New Montgomery St.  
Plans by Engineering Department of Owner.

## 7—FEDERAL BUILDINGS

**MATERIALS AWARDED**  
SUNNYSIDE, Wash. — Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Sunnyside, West Coast Co., Seattle, general contractors—Angie radiator valves, Marsh Valve Co.

**BIDS WANTED**  
SAN DIEGO, Calif.—Until April 27, bids will be received by the Public Buildings Branch, Treasury Department, Washington, D. C., for construction of a gasoline fueling system for the Coast Guard Station at San Diego.

**BIDS WANTED**  
SAN DIEGO, Calif.—Bids for furnishing plaster models for the U. S. Post Office Building in San Diego, Calif., are being received by the building custodian.

**CONTRACT AWARDED**  
POINT ARGUELLO, Santa Barbara Co., Calif.—Walter H. Barber, P.O. Box 99, San Diego, awarded contract by the 11th Naval District, at \$1,825, under Item I, for new foundations for tanks and repairs to quarters at the Radio Direction Finder Station, Point Arguello.

**BIDS WANTED**  
TURLOCK, Stanislaus Co., Calif.—Until April 27, 10 a.m., bids will be received by the U. S. Treasury Dept., Public Buildings Branch, Washington, D. C., for furnishing and installing insect screens in the postoffice building at Turlock, Calif.

**BIDS WANTED**  
SAN PEDRO, Los Angeles Co., Calif.—Until April 19, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing and installing interior telephone exchange for the Federal Jail, Terminal Island, and maintaining same for period of five years, in accordance with Spec. No. 866, Serial No. 1223, Robt. E. McKee, Central Bldg., Los Angeles, general contractor.

**LOW BIDDERS**  
ELY, Nev.—E. & E. J. Fritzer, Mesa, Ariz., at \$65,800, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. post office at Ely.  
Second low bid submitted by Lundberg Richter Co., Inc., Fredericksburg, Va., at \$68,950.

**MATERIALS AWARDED**  
KETCHIKAN, Alaska. — Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Ketchikan, J. P. Warrack, Seattle, general contractor, oil burner for water heating, S. T. Johnson Co.

**MATERIALS AWARDED**  
SANTA MARIA, Cal. — Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Santa Maria, L. F. Dow Co., Los Angeles, general contractors: Pendant switches, Leviton Mfg. Co.; glassware, Perfection Glass Co. and Gill Glass Co.

**BIDS WANTED**  
ALCATRAZ—Until April 13, 2 p.m., bids will be received at Room 407, Post Office Bldg., San Francisco, or by Warden J. A. Johnston, U. S. Penitentiary, Alcatraz, for repairing the launch, "McDowell." Bid No. 949.  
Specifications obtainable from the above office.

**BIDS WANTED**  
LOS ANGELES—Until April 13, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 1429, for alterations and repairs to moorings, Los Angeles Harbor. Estimated cost, \$10,000.  
Specifications obtainable from the above office.

**BIDS WANTED**  
VENTURA, Calif.—Until April 28, 1 p.m. bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at Ventura. Specifications



tions obtainable from the above office.

#### BIDS WANTED

**SAN FRANCISCO**—Until April 30, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the Plague Laboratory (on the U. S. Marine Hospital Reservation) at San Francisco. Specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the Building, Room 113, at San Francisco.

#### MATERIALS APPROVED

**SOUTH GATE, Calif.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at South Gate, Campbell Const. Co., Los Angeles, general contractors; indirect water heater, Bell & Gossett Co.; relief valve, H. A. Thrush Co.; rubber-covered wire, Simplex Wire & Cable Co.

#### LOW BIDDER

**POINT ARGUELLO, Santa Barbara Co., Calif.**—Walter H. Barber, P.O. Box 980, San Diego, submitted low bid to the 11th Naval District at San Diego, at \$1825 (Item No. 1) for new foundations for tanks and repairs to quarters at the Radio Direction Finder Station, Point Arguello, Santa Barbara county; Spec. No. 102. Recommendation was made that the contract be awarded to the low bidder under Item No. 1.

#### Bids Rejected

**P. O. & COURTHOUSE** Cost, \$425,000  
**NOME, Alaska.**

United States post office and court house building (14388-sf) two-story and basement reinforced concrete construction.

Owner—United States Government.  
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

All bids received March 23 were rejected.

#### BIDS REJECTED

**PEARL HARBOR, T. H.**—The Bureau of Yards and Docks, Navy Department, Washington, D. C., has rejected all bids received under Spec. No. 8350, for the construction of a steel floating dry dock, ARD-2, 446 ft long and 68 ft beam, to accommodate destroyers and submarines, to be located at Pearl Harbor.

Dravo Contracting Co., Neville Island, Pittsburgh, at \$1,182,000 submitted the lowest bid received.  
Complete bids published Feb. 8.

#### Contract Awarded

##### SUPPLY DEPOT

**SACRAMENTO, Cal.** Army Air Corps Supply Depot, near North Sacramento.

Two-story depot supply building and head house, and one-story west and east wings of warehouse; reinforced concrete and steel construction conforming in general with the other buildings at the air base.

Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster).

Plans prepared by the office of the Quartermaster General of Construction Division, Washington, D. C.

Contractor—Eaton and Smith, 715 Ocean Ave., San Francisco.

Contract awarded on a basic bid of \$713,000 with the acceptance of items 2, 3, 7, 8, 11 and 12. There will be six additional bays constructed under Item 2.

#### BIDS OPENED

**POINT ARGUELLO, Arlight, Santa Barbara Co., Calif.**—Robert D. Barbara Co., at \$850, submitted low bid to the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8301, for exterior painting of Station Buildings at the Radio Direction Finder Station, Point Arguello.

Only one bid submitted by E. H. Gray, at \$868.

#### BIDS WANTED—TO CLOSE MAY 4, 1:30 P. M.

**PALO ALTO, Calif.**—Bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for providing, installing and finishing complete tile and marble work in Building No. 14 at Veterans' Administration Facility, Whipple, Ariz.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

#### MATERIALS APPROVED

**WENATCHEE, Wash.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Wenatchee. Consolidated Engr. Co., Tacoma, general contractors; Plumbing Fixtures, Brierley Sanitary Mfg. Co., electric water coolers, Sunroc Spring Water Co.; water pipe, Bridgeport Water Co.; relief valve, Mueller Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; boiler, Kewanee Boiler Corp.; tube and wall radiators, American Radiator Co.; non-conducting covering for heating, Plant Rubber & Asbestos Works; lighting distribution panel boards, NePage—McKenny Co.; feeder panels, NePage—McKenny Co.; rubber-covered wire, Habirshaw Cable & Wire Corp.; receptacles, Arrow Hart & Hegeman Elec. Co.; flush switches, Arrow-Hart & Hegeman Electric Co.; glassware, Gill Glass & Fixture Co.; lighting fixtures, Wakefield Brass Co.

#### Planned

##### IMMIGRATION BUILDING

Cost, \$1,000,000  
**SAN FRANCISCO, Calif.** (Site not selected.)

New United States Immigration and Naturalization Service building. Owner—United States Government (E. H. Cahill, Commissioner of Immigration). Plans by the Supervising Architect, Treasury Department, Washington, D. C.

#### MATERIALS APPROVED

**SAN FRANCISCO**—The Treasury Department has approved the following building material and equipment awards for motor generator sets in the U. S. Mint at San Francisco. Sarvas Electrical Co., New York, contractor; Air circuit breakers, Roller-Smith Co.

#### MATERIALS APPROVED

**SALEM, Oregon.**—The Treasury Department has approved the following building material and equipment awards for the construction of H. Hoffman, Portland, general contractors; oil burners for heating boiler, S. T. Johnson Co.

#### BIDS WANTED

**SAN FRANCISCO**—Until May 14, 1 p. m., bids will be received by the Procurement Division, Public Bldgs Branch, Washington, D. C., for repairs and improvements of the U. S.

P. O. and Court House at San Francisco. Plans and specifications may be obtained from the above office. No deposit required for one set of plans. Additional sets cost \$5.00 per set.

#### BIDS WANTED

**VAN NUYS, Los Angeles Co., Cal.**—Until April 16, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. post office at Van Nuys. Specifications may be obtained from the above office and from the Custodian of the building.

#### MATERIALS APPROVED

**SUNNYSIDE, Wash.**—Treasury Department has approved the following building material and equipment awards for construction of the U. S. Post Office at Sunnyside, West Coast Const. Co., Seattle, general contractor; Clock system, Warren Telechron Co.; pendant switch, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass.

#### MATERIALS APPROVED

**SAN FRANCISCO**—Treasury Department has approved the following building material and equipment awards for high pressure boiler in S. F. Mint; E. L. Cory, 50 Hawthorne St., San Francisco, contractor:

Boiler, Schwab Boiler & Machine Co.; feed pump and receiver, Chicago Pump Co.; oil burner, Ray Oil Burner Co.; water softener, Ferrant Company.

Sumter, S. C., post office, extending and remodeling; contractor, T. E. Moore, Columbia, S. C.; main switch, Trumbull Elec. Co. in lieu of previous approval.

#### MATERIALS APPROVED

**SAN FRANCISCO**—Treasury Department has approved the following building material and equipment awards for electrical precipitator equipment in the S. F. Mint; Western Precipitation Co., 1016 W 9th St., Los Angeles, contractor; Precipitator Western Precipitation Co.; rectifiers, Research Corp.; transformers, General Electric Co.; wire and cable, General Cable Corp.; ventilating unit, B. F. Sturtevant Co.

#### MATERIALS APPROVED

**LOS ANGELES, Calif.**—Treasury Department has approved the following building material and equipment awards for the construction of the Los Angeles jail; Robt. E. McKee general contractor; Feed water regulator, Wright - Austin Co.; boiler feed pumps, National Steam Pump Co.; fan blast radiator, McQuay, Inc.; relief valves on hot water tanks, Chas. M. Bailey Co.; steam vacuum pumps, Union Steam Pump Co.; oil meters, Neptune Meter Co.

#### CONTRACT AWARDED

**KETCHIKAN, Alaska.**—Mutual Metal Mfg. Co., 4828 W. Division St., Chicago, Ill., at \$2,755, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for interior lighting fixtures, Oregon, in U. S. Post Office, Courthouse, Custom House and Jail at Ketchikan.

#### BIDS WANTED

**MONTESANO, Wash.**—Until April 21, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for new bronze hand rails at the U. S. Post Office at Montesano.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building.

**MATERIALS APPROVED**

MESA, Ariz.—Treasury Department approved following building material and equipment awards for construction of the U. S. Post Office at Mesa: E. and E. J. Pfotzer, 5305 Haverford Ave., Philadelphia, Pa. Relief valve, Penberthy Injector Co.; main switch, Frank Adam Elec. Co.

**BIDS WANTED**

SAN DIEGO, Calif.—Until April 27, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for gasoline fueling system at the U. S. Coast Guard Air Station at San Diego, Calif.

Drawings and specifications may be obtained from the above office and from the Custodian of the Station.

**MATERIALS APPROVED**

DENVER, Colo.—Treasury Department approved following building material and equipment awards for motor generator sets in the U. S. Mint at Denver: Electric Products Co., 1725 Clarkstone Road, Cleveland, Ohio, contractor; Motor generators, Electric Products Co.; motor cuticles, General Electric Co.; motor starting oil circuit breakers, General Electric Co.; air circuit breakers, I. T. E. Circuit Breaker Co.; meters, Weston Electrical Instrument Co.; wires and cables, Circle Wire & Cable Corp.

**LATE LOW BIDDERS**

SAN FRANCISCO, Calif.—As previously reported, Richard L. Cory, 50 Hawthorne St., at \$15,562, submitted the late low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for compressed air blowers, air compressor and water still at the U. S. Mint at San Francisco.

James A. Nelson, San Francisco, at \$16,958, also submitted late bid. Severin Electric Company, at \$17,200, submitted the only other bid.

**LATE LOW BIDDER**

SAN FRANCISCO.—Standard Conveyor Co., St. Paul, Minn., at \$1,998, submitted the late low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for pneumatic tube system at the U. S. Mint, San Francisco.

As previously reported, The Lawson Co., Syracuse, N. Y., at \$2,570, submitted the only other bid.

**LATE BIDDERS**

SAN FRANCISCO.—As previously reported, Severin Electric Co., 172 Clara St., at \$5,093, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for an emergency lighting plant and projectors at the U. S. Mint, San Francisco.

Following late bids were received: Chas. A. Langley, S. F., \$7,130; Richard L. Cory, S. F., 7,432

**NO BIDS RECEIVED**

SAN FRANCISCO.—No bids were received by the Procurement Division, Public Buildings Branch, Washington, D. C., for an electric traveling crane at the U. S. Mint, San Francisco.

**BIDS OPENED**

SAN FRANCISCO.—As previously reported, Lake Erie Chemical Co., Cleveland, Ohio, at \$2,485, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for tear gas installation at the U. S. Mint at San Francisco.

Only other bid, at \$2,659, submitted by Federal Laboratories, Inc., Pittsburgh, Pa.

**8— CLUB BUILDINGS****Contracts Awarded**

MASONIC TEMPLE Cost, \$200,000  
FRESNO, Fresno Co., Calif. Stanislaus and L. Streets.

Two-story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lat, gas and steam heat, composition roofing, hardwall and acoustical plaster, hardwood interior trim, steel sash, wood block floors, linoleum floor covering, tile wacot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.  
Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.

General—Fisher & McNulty, 327 Cory Bldg., Fresno—\$128,877.

Mechanical—Frank Hudson, 2141 S. Van Ness Ave., P. O. Box 254, Fresno—\$28,665.

Electrical—Electric Construction Co., P. O. Box 638, Fresno—\$16,000.

**Contract Awarded**

ALTER CLUB Cost, \$10,000  
SAN FRANCISCO. California and Mason Sts.

Alterations to the Pacific Union Club. Owner—Pacific Union Club.

Architect—Lewis P. Hobart, 525 Market St.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Sub Contracts Awarded  
ALTER CLUB Cost, \$10,000  
SAN FRANCISCO. California and Mason Sts.

Alterations to the Pacific Union Club. Owner—Pacific Union Club.

Architect—Lewis P. Hobart, 525 Market St.

Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

Plumbing, Heating & Air Conditioning—Scott Co., Inc., 243 Minna St.

Glass & Mirrors—W. P. Fuller Co., 301 Mission St.

Finish Woodwork—William Bateman, 1915 Bryant St.

Plastering—Peter Bradley, 639 Brannan St.

Marble—Eisele & Dondero Marble Co., 2983 Third St.

Painting—A. Quandt & Sons, 374 Guerrero St.

Electric—Central Electric Co., 179 Minna St.

**9— HOSPITALS**

Planned  
ADDITION Cost, \$40,000  
HOLLISTER, San Benito Co., Calif.

Addition of new wing to the Hazel Hawkins Hospital.

Owner—Hazel Hawkins Hospital (Judge M. T. Dooling, Chairman of Board).

Architect—Not Given.  
A drive is planned to raise \$20,000 balance needed to finance construction.

Bids Opened  
ALTER HOSPITAL Cost, \$...  
MARYSVILLE, Yuba Co., Calif. 4th and H Streets.

Air conditioning system and miscellaneous alterations to Rideout Memorial Hospital.

Owner—Rideout Memorial Hospital.

Architect—Martin A. Sheldon, Monardnock Bldg., San Francisco.

Complete bids follow:

Decker & Co., Marysville.....\$8,295  
Frank M. Booth, Marysville.....8,672  
Hatley & Hatley, Sacramento....9,988  
Luppen & Hawley, Inc., Sacramento.....10,694

M. R. Carpenter, Sacramento.....11,767  
Two high bids were rejected and plans are being refigured by the three low bidders with minor changes.

Revised bids will be received by the Architect at the hospital on Apr. 9, 4 p. m.

**10— HOTELS**

Plans Being Prepared  
ADDITION Cost, \$30,000  
AUBURN, Placer Co., Calif.

Sixteen-room addition to 2-story concrete hotel building; wood floors, air conditioning, etc. (Hotel Auburn).

Owner—H. K. Davis, Auburn.  
Architect—Herbert Goodpastor, Milton Bldg., Sacramento.

PREPARING WORKING DRAWINGS

LOS ANGELES, Cal.—Brandner & McAllister, 1709 W. 8th St., room 903, are preparing working drawings for a coffee shop to be fitted up on the ground floor of the Fifth and Olive Sts. corner of the Biltmore Hotel. Work will include the removal of the existing arcade which occupies the space at the present time, the installation of new partitions, fixtures and kitchen equipment, decorating, floor covering, electrical work, plumbing, ventilating equipment, etc. The improvements will cost approximately \$100,000.

Contract Awarded  
ALTER HOTEL Cost, \$.....  
SAN FRANCISCO. Sutter & Gough Streets.

Complete remodeling of exterior of Majestic Hotel; remodel lobby, using vitrolite, black tile and plaster, new elevator front and new desk to be paneled in walnut.

Owner—Majestic Hotel Corp.  
Architect—Oscar R. Thayer, 24 Kearny St.

Contractor—J. M. Piconi, 63 Gilber St.

Plans Being Figured—Bids Closed April 15

RESTAURANT & HOTEL COURT Cost, \$100,000

YOLO CO., Calif. Across the river from Sacramento.

Two-story modernistic stucco building (103x78 ft.), containing wafle shop, bar, cocktail lounge and banquet rooms on main floor and apartments and rooms on second floor, all air conditioned; and motel court of 24 cabins.

Owner—Tiny's Waffle Shop, Joe Meacia, Art Nyberg, and Bill Coutt.

Architect—Starkis & Flanders, Bank of America Bldg., Sacramento.

Cost of the building is estimated at \$40,000; with equipment, etc. \$100,000.

Preparing Plans  
REMODEL HOTEL Cost, \$...  
SAN FRANCISCO, Calif.

Install bar and cocktail lounge in hotel.

Owner—Name Withheld.  
Architect—Vincent G. Raney, 233 Post St.

Segregated bids will be taken 1, about one week.

Contract Awarded  
ALTERATIONS AND ADDITIONS Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.

250 First St.  
Alterations and additions to the Lennox Hotel.

Owner—Lennox Hotel Corp.  
Architect—Albert Roller, Crocker 1

Natl. Bank Bldg., San Francisco.  
Contractor—W. M. Caldwell, 1241  
Hedding St., San Jose.

**13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS**

**Awards Recommended**  
**FURNITURE, ETC.** Cost, \$.....  
EUREKA, Humboldt Co., Calif.  
EUREKA, Humboldt Co., Calif.  
Items of construction, furnishing and  
equipment for the Eureka Muni-  
cipal Auditorium.

Owner—City of Eureka (A. W. Kil-  
dale, city clerk).  
Architect—Frank T. Georgeson, 537  
G Street, Eureka.  
Bids were taken on thirteen items,  
the following of which have been  
recommended to PWA for awards:

- (2)—Portable Steel Chairs  
American Seating Co.....\$2,605.90
  - (3)—Acoustical Board  
I. S. Mackins.....1,454.00
  - (6)—Stage Rigging, Etc.  
Ill-Mann Co., S. F.....\$2,342.00
  - (7)—Stage Switchboard  
Iome Electric Co.....\$1,040.00
  - (8)—Stage Lighting  
red E. Turner.....\$693.90
  - (9)—Public Address System  
Iome Electric Co.....\$140.00
  - (10)—Paint Winship Building  
ercer-Fraser Company.....\$295.00
  - (11)—Stucco Winship Building  
ercer-Fraser Company.....\$344.00
  - (12)—Auditorium Stucco Finish  
ercer-Fraser Company.....\$335.00
  - (13)—Orchestra Pit  
ercer-Fraser Co.....\$112.00
- Complete bids published Mar. 30.

**Bids Being Figured — Bids Close**  
April 26, 11 A. M.  
**ROOFING** Cost, \$12,000  
OCKTON, San Joaquin Co., Calif.  
roof main exhibit building at the  
County Fair Grounds (building  
approximately 100x3000 ft.), built  
up asbestos roofing to be used.  
Owner—County of San Joaquin (Eu-  
gene D. Graham, Clerk).  
Architect—Eric W. Johnson, 303 Ex-  
change Bldg., 41 S. Sutter St.,  
Stockton.  
Plans and specifications obtainable  
in the office of the architect upon  
deposit of \$10.

**Working Plans**  
**BRARY** Cost, \$200,000  
ENEY, Wash. Campus of Normal  
School.  
ree-story brick and terra cotta li-  
brary building.  
Owner—State of Washington.  
Architect—George M. Basque, Wash.  
Trust Bldg., Spokane.  
Propriations for building made  
state legislature.

**Bids Being Figured — Bids Close**  
April 13, 10 A. M.  
**EPER'S QUARTERS, ETC.** Cost, \$.....  
RKELEY, Alameda Co., Calif.  
Aquatic Park.  
eration of five existing wood and  
canvas tents to form U-shaped  
building to house keeper's quar-  
ters, lunch room 36x24 ft., canoe  
storage room, and repair shop;  
new additional wood trusses,  
composition shingle roof, new  
roof sheathing, new siding, win-  
dows and doors, painting, plumb-  
ing and electric work; men's  
and women's locker and rest  
rooms, etc.  
er—City of Berkeley (Florence  
Turner, City Clerk).  
er—Carl Zimmerman  
itect—James W. Blachek, 511  
Mercantile Bank Bldg., Berkeley  
ans and specifications obtainable  
the Architect's office upon de-  
posit of \$10.

**Bond Election**  
**CITY HALL** Cost, \$40,000  
KING CITY, Monterey Co., Calif.  
Broadway and Vanderhurst Aves.  
One-story reinforced concrete City  
Hall (to house Council cham-  
bers, executive offices, library,  
fire department, police depart-  
ment, and jail), concrete floors,  
built-up roof, furnace in base-  
ment.

Owner—City of King City.  
Architect—Guy Koeppe, P.O. Box 644,  
Carmel.

A bond election will be held April  
13 to vote on the issuance of \$35,000  
in bonds. It is estimated that  
the building will cost \$40,000 and pur-  
chase of site, jail equipment, etc.,  
\$45,000.

**BIDS OPENED**  
SAN MATEO, Cal.—Frank Fer-  
rea, 712 Fifth Ave. San Mateo, at  
\$1,785, awarded contract under Item  
I, by the City Council of San Mateo  
(E. W. Foster, City Clerk), for the  
construction of convenience stations  
in the San Mateo City Park.

Bids were taken on the following  
items:  
Item I—Construction of men and  
women's convenience stations under  
the grandstand, work to include la-  
bor, materials and plumbing fix-  
tures.

Item II—Construction of men's lavato-  
ries, including construction of the  
building, moving of existing plumb-  
ing fixtures and construction of lat-  
eral sewer.

Complete bids follow:  
Frank Ferrea, San Mateo: Item I,  
\$1,785; Item II, \$688.

De Luca & Son, Inc., San Fran-  
cisco: Item I, \$1,915; Item II, \$915.

Bids submitted under Item II were  
taken under advisement.

**Bids Rejected**  
**FURNITURE, ETC.** Cost, \$.....  
EUREKA, Humboldt Co., Calif.  
Items of construction, furnishing and  
equipment for the Eureka Muni-  
cipal Auditorium.

Owner—City of Eureka (A. W. Kil-  
dale, city clerk).  
Architect—Frank T. Georgeson, 537  
G Street, Eureka.

Bids were taken on thirteen items,  
on ten of which low bidders were  
recommended for award to PWA. On  
Items 4 and 5 all bids were rejected,  
however, on Item 1, although all bids  
were rejected new bids are being  
called outside of PWA, for stadium  
chairs on two propositions, as fol-  
lows: (1) Purchase for cash by city  
and (2) Purchase under two year  
lease.

Recommendations for awards on  
other items published April 5.

**Contract Awarded**  
**FIRE HOUSE** Cont. Cost, \$7,106  
RICHMOND, Contra Costa Co., Calif.  
Santa Clara and Huntington Av-  
enues.

One-story frame and plaster fire  
house (tile and composition roof,  
cement and linoleum floors).

Owner—City of Richmond (J. A. Mc-  
Vittie, city manager).  
Architect—Keith Narbett and Irving  
Brown, 462 31st St., Richmond.  
Contractor—Carl Overaa, 2105 Roose-  
velt Ave., Richmond.

**Contract Awarded**  
SAN FRANCISCO.—H. S. Tittle  
Co., 85 Columbia Square, at \$18,000,  
awarded contract by the Department  
of Public Works, City Hall, for fur-  
nishing and installing a 300-kw. D.C.  
turbine generator set at the power  
plant of the San Francisco Hospital,  
Potrero Ave. between 22nd and 23rd  
Streets.

**14—RESIDENCES**

**Owner Now Taking Bids**  
**RESIDENCE** Cost, \$4,500  
DALY CITY, San Mateo Co., Calif.

One-story frame and stucco resi-  
dence (5 rooms), tile and composi-  
tion roof, hot air heating system,  
wood sash, hardwood floors,  
tile bath, etc.

Owner—A. Lugliani, 300 San Diego  
St., Daly City.  
Architect—D. E. Jaekle, 126 Post St.,  
San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$15,000  
OAKLAND, Alameda Co., Calif. 5420  
Claremont Ave.  
Two-story frame and stucco resi-  
dence.

Owner—Withheld.  
Architect—Richard C. Schuppert, 1530  
Wellington St., Oakland.  
Contractor—Eugene S. Campomenosi,  
6401 Broadway Terr., Oakland.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$6,000 each  
SAN FRANCISCO, Francisco Hgts.  
Two one-story frame and stucco re-  
sidences (5 rooms each) terra cot-  
ta tile roofs, wood sash, hard-  
wood floors, tile baths, etc.

Owner and Builder—Kenneth Evers,  
97 San Pablo Avenue.  
Architect—C. O. Clausen, 746 46th  
Avenue.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$7,500 each  
SAN FRANCISCO, University Ter-  
race.

Three 2-story frame and stucco resi-  
dences (6 rooms each) wood  
sash, hardwood floors, tile baths,  
shingle and terra cotta tile roofs.

Owner and Builder—John Murphy.  
Architect—C. O. Clausen, 746 46th  
Avenue.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$4,500  
SAN FRANCISCO, Ortega and 10th  
Ave.

One-story frame and stucco resi-  
dence (5 rooms), composition  
roof, hot air heating system,  
hardwood floors, wood sash, tile  
bath, etc.

Owner & Builder—Bernhardt & Co-  
n, 92 Taraval St.  
Architect—D. E. Jaekle, 126 Post St.

**Plans Completed**  
**RESIDENCE** Cost, \$4,500  
ROSS, Marin Co., Calif.  
One-story frame and stucco resi-  
dence (5 rooms), hot air heating  
system, shake roof, wood sash,  
hardwood floors, tile bath, etc.

Owner—J. C. Helbing, 1360 Lombard  
St., San Francisco.  
Architect—D. E. Jaekle, 126 Post St.,  
San Francisco.  
Selected contractor is figuring the  
plans.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000  
SAN FRANCISCO, Calif. 26th and  
Ulloa St.

One-story frame and stucco resi-  
dence (5 rooms), shingle tile and  
composition roof, hot air heating  
system, hardwood floors, wood  
sash, tile bath, etc.

Owner & Builder—A. Halsen, 2427  
25th Ave.  
Architect—D. E. Jaekle, 126 Post St.

**Plans Being Figured**  
**RESIDENCE** Cost, \$5,500

SAN MATEO, Calif.  
Two-story frame and stucco and  
wood siding residence (6 rooms),  
hot air heating system, wood  
sash, hardwood floors, tile bath,  
shake roof, etc.  
Owner—Irving Gamberg, care Red-

Ick-Newman Co., San Francisco.  
Architect—D. E. Jackie, 126 Post St.  
Plans being figured by a selected contractor.

**Low Bidder**  
**RESIDENCE** Cost \$6,000-\$7,000  
SAN CARLOS, San Mateo Co., Calif.  
Two - story frame residence (seven rooms), hardwood floors, tile baths, gas furnace, etc.  
Owner—D. E. Curtin, care Architect.  
Architect—W. I. Garren, 233 Post St., San Francisco.  
Low Bidder—J. B. Allen, 1315 San Carlos Ave., Santa Clara.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
WOODSIDE, San Mateo Co., Calif.  
Two-story frame and stucco residence (8 rooms, 3 baths), tile and composition roof, oil burning hot air heating system, hardwood floors, tile baths, etc.  
Owner—Withheld.  
Architect—Edward Eames, 216 Pine St., San Francisco.  
Contractor—Miller & McGillis, 4444 Geary Blvd., San Francisco.  
**Roofing**—Malott & Peterson, 2412 Harrison St.  
**Plumbing**—Higgins & Krauss, 741 Teahama St.  
**Electric Wiring**—Fred Johnson Electric Co., 3363 Army St.  
**Heating & Sheet Metal**—Colan Heating & Sheet Metal Co., 1060 Polston St.  
**Mill Work**—Anderson Bros. Planing Mill Co., Quint & Custer Sts.  
**Lathing & Plastering**—L. Poldiro Co., 750 Vallejo St.  
**Concrete**—Peter Sorenson, Rt. 1, Box 313, Woodside.  
All of San Francisco, unless otherwise noted.

**Contract Awarded**  
**RESIDENCES** Cost, \$5,000 each  
SAN FRANCISCO, Calif. 45th Ave. and Kirkham St.  
Six one-story frame and stucco residences (5 rooms each), asphalt shingle and terra cotta tile roofs, wood sash, hardwood floors, tile baths, etc.  
Owner—Gus Moeller.  
Architect—C. O. Clausen, 746 46th Ave.  
Contractor—Herman Christensen, 1901 19th Ave.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000  
SAN FRANCISCO, Stanyan, near 17th St.  
One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, wood sash, etc.  
Owner & Builder—Francisco Heights Building Co.  
Architect—C. O. Clausen, 746 46th Ave.

**Sub Contracts Awarded**  
**ADDITION** Cost, \$10,000  
SONOMA CO., near Santa Rosa, Cal.  
Addition to two-story residence; garages, and servants' quarters.  
Owner—Mrs. Smith.  
Architect—Mark Daniels, 101 Post St., San Francisco.  
Contractor—Robert J. Whiting, 624 Spencer Ave., Santa Rosa.  
**Roofing**—Karl F. Stolting, 1067 4th St.  
**Sheet Metal**—Gust Malm, 610 Second Street.  
**Hardwood Floors**—Martel Hardwood Floor Co., 226 S. Davis St.  
**Brick & Stone Work**—D. Lancina, College Ave.  
**Lumber**—Mead Clark Lumber Co., 3rd and Railroad Ave.  
**Mill Work**—Hogan Lumber Co.  
**Painting**—McCutcheon Bros., Todd District.  
**Lathing & Plastering**—Paul Lindau, 533 Humboldt St.

**Plumbing**—Bossa Plumbing Co.  
All of Santa Rosa.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
SANTA ROSA, Sonoma Co., Calif.  
Two-story Georgia residence (two baths and lavatory, 3 bedrooms), Johns - Manville roofing, hardwood floors, oil burning hot air heat, steel sash, etc.  
Owner—Doctor Leighton Ray, Santa Rosa.  
Architect—Mark Daniels, 101 Post St., San Francisco.  
Contractor—Robert J. Whiting, 624 Spencer Ave., Santa Rosa.  
**Roofing**—G. W. Davenport, 717 C St., San Rafael.  
**Electric Wiring**—Karl F. Stolting, 1067 4th St.  
**Tile Work**—W. H. Moody, 629 5th St.  
**Glass**—Lee Rehn.  
**Hardwood Floors**—Martel Hardwood Floor Co., 226 S. Davis St.  
**Brick & Stone Work**—D. Lancina, College Ave.  
**Grauing, Foundations & Concrete**—Gus Felix, 510 South A St.  
**Lumber**—Mead Clark Lumber Co., 3rd and Railroad Ave.  
**Mill Work**—Hogan Lumber Co.  
**Steel Sash**—Trucon Steel Co.  
All of Santa Rosa, unless otherwise noted.

**Plans Being Prepared**  
**RESIDENCE** Cost, \$.....  
SAN FRANCISCO, Calif.  
Two-story frame and stucco residence, hardwood floors, tile baths, wood sash, etc.  
Owner—George West.  
Architect—W. W. Wurster, 260 California St.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
SAN MATEO, San Mateo Co., Calif.  
Two - story frame and stucco residence (7 rooms), mineral surface composition shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
Owner—Jos. A. Murphy, care architect.  
Architect—Harold G. Stoner, 35 Vincente St.  
Contractor—Miller Construction Co., 3917 Mission St., San Francisco.

**Plans Being Figured — To Close**  
**April 19**  
**RESIDENCE** Cost, \$11,500  
HILLSBOROUGH OAKS, San Mateo Co., Calif.  
One - story wood rustic residence; shake roof, hardwood floors, tile bath, gas warm air heating system, etc.  
Owner—Name Withheld.  
Architect—Mario Corbett, 72 Third Ave., San Mateo.  
Plans are being figured by the following selected list of contractors:  
H. T. Holscher, 325 Elm St., San Mateo.  
C. J. Pedersen, 734 Prospect Row, San Mateo.  
A. E. Orton, 151 Harriett Ave., Palo Alto.  
R. A. White, 744 Crossway Road, Burlingame.  
Lengfeld & Ohund, Ltd., 220 Third Ave., San Mateo.  
Harold Gray, 1307 Bay St., San Francisco.

**Contract Awarded**  
**FLATS** Cost, \$8,500  
SAN FRANCISCO, SE Cor. Cabrillo and 44th Avenue.  
One - story and basement frame and stucco flat building.  
Owner—David Leigh, 4101 Lincoln Way.  
Architect—Not Given.  
Contractor—W. C. Akard, 225 Cervantes Blvd.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
MARTINEZ, Contra Costa Co., Calif.  
Two - story frame and stucco residence (6 rooms), gas warm air heating system, shingle roof, hardwood floors, etc.  
Owner—C. Freuburger, care Architect.  
Architect—James H. Anderson, 2147 Clement Ave., Berkeley.  
General bids will be asked in about two weeks.

**Preparing Plans**  
**ALTERATIONS & ADDITIONS**  
SAN FRANCISCO, Buchanan St. near Pacific St.  
Alterations and additions to residence, entire new modernize front, addition of one bath, reconditioning entire interior, re designing and replacing two fire places, painting and refinishing throughout.  
Owner—Name Withheld.  
Architect—Oscar R. Thayer, 24 Kearny St.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
PIEDMONT, Alameda Co., Calif. 67 Blair Ave.  
Two - story frame and stucco residence (7 rooms).  
Owner—D. K. Smith, Jerome Ave.  
Architect—Not Given.  
Contractor—Paul H. Haller, 62 Buena Vista Ave., Oakland.

**PLANS BEING FIGURED**  
GRAND CANYON, Ariz.—Santa I Railway Co., Kerckhoff Bldg., Los Angeles, is taking bids until Apr. 1 from a closed, selected list of contractors for a two-story and basement women's dormitory building (40x225 ft.) to be erected at Grand Canyon, Ariz. Plans prepared owner's architectural department.

**To Be Done By Days Work**  
**RESIDENCES** Cost, \$4,500  
OAKLAND, Ala. Co., Calif., 3500-1 Mirasol Ave., & 3420-39 Margate Ave.  
Six one-story frame and stucco residences.  
Owner and Builder—David D. Beannon, 331 17th St.  
Architect—Not Given.

**Contract Awarded**  
**ADDITION** Cost, \$5,300  
OAKLAND, Ala. Co., Calif., 533 11th Street.  
One-story brick addition.  
Owner—Salvation Army, Inc., 531 11th St.  
Architect—E. T. Foulkes, 357 11th Street.  
Contractor—V. A. Kaufenberg, 11 Marks Hotel, Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$15,000  
PALO ALTO, Santa Clara Co., Calif., 175 Edgewood Drive.  
One-story rustic residence and garage.  
Owner—R. G. Cahn, 2271 Confer St.  
Architect—Not Given.  
Contractor—W. R. Voorhies, 12 Alameda De Las Pulgas, Redwood City.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$.....  
HILLSBOROUGH, San Mateo Co., Calif.  
Two - story frame and stucco residence (12 rooms, 6 baths), shingle roof, air conditioning system, hardwood floors, the baths, etc.  
Owner—Mr. Irvine, care Architect.  
Architect—Angus McSweeney, 94 Mission St., San Francisco.  
Announcement shortly.

**Bids In — Held Under Advertisment**  
**RESIDENCE** Cost, \$.....

**SAN FRANCISCO, Calif. Dorantes Avenue.**  
Two-story frame, stucco and brick veneer residence (seven rooms, two baths), composition shingle roof, gas heating system, hardwood floors, tile baths, etc.  
Owner—D. A. Brunig.  
Plans by Paul A. Ryan, 962 Phelan Bldg.  
Announcement in a few days.

**LOW BIDDER**  
**RESIDENCE** Cost, \$5,000  
**STOCKTON, San Joaquin Co., Calif.**  
One-story duplex residence (two 4-room and bath apartments), wood siding, shingle roof, hardwood floors, gas floor furnaces, wood sash, etc.  
Owner—Withheld.

Architect—Joseph Losekann, 1218 W. Harding St., Stockton.  
Low Bidder—T. E. Williamson, P.O. Box 53, Stockton—\$7,822.

**Plans Completed**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO, Francisco Hights.**  
Two-story frame and stucco residence (7 rooms, 2 baths), part composition and shingle and tar and gravel roof, hot air heating system, hardwood floors, tile baths, Philippine mahogany and canvas walls in living room and dining room, two-car garage.  
Owner—Name Withheld.  
Architect—Oscar R. Thayer, 244 Kearny St.  
Contract will be awarded within a few days to a selected contractor.

**Contract Awarded**  
**RESIDENCE** Cost, \$13,000  
**SANTA CRUZ CO., Calif. Hecker Pass Road, near Watsonville.**  
One-story frame, stucco and brick veneer residence (9 rooms, 2 baths), electrical heating system, hardwood floors, tile floors and walls in baths and lavatories; tile roof.  
Owner—Mr. McSherry.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Contractor—Friend & Resh, P.O. Box 743, Watsonville.  
Contract awarded on a cost-plus basis.

**Contract Awarded**  
**RESIDENCE** Cost, \$13,000  
**OAKLAND, Calif. 12 Pershing Dr.**  
Two-story frame and stucco residence (9 rooms).  
Owner—E. Lamp, 2421 Carlton Street, Berkeley.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Contractor—Frank G. Applebe, 1067 Walker St., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000-\$7,000  
**SAN FRANCISCO, Maywood Drive and Yerba Buena and Rosewood and Fernwood Drives.**  
Five two-story and basement frame and stucco residences.  
Owner—Builder—Paul A. Wolter, Jr., 190 Maywood Drive.  
Architect—Earl MacDonald, 110 Sutter St.

**BIDS OPENED**  
**RESIDENCE** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif. Hoban Street.**  
One-story wood frame and stucco residence (6 rooms, 1 bath), wood and plaster interior partitions, cedar shingle roof, oak floors, gas fired heating system, etc.  
Owner—Miss Lois Chan, San Jose.  
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.  
Low Bidder—V. J. Sunzeri, 176 North 1st, San Jose.  
Complete bids follow:

V. J. Sunzeri ..... \$4,950  
M. W. Reese ..... 5,160  
E. Hathaway ..... 5,320  
J. S. Sargent ..... 5,300  
N. J. Nielsen ..... 5,600  
G. Achille ..... 5,970  
All of San Jose.

**Plans Being Figured**  
**RESIDENCE** Cost, \$.....  
**RIO DEL MAR, Santa Cruz Co., Cal.**  
One-story rustic residence (5 rooms, 1 bath), shake roof, hardwood floors, gas furnace.  
Owner—Mr. Graham, San Jose.  
Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.  
Bids are being received from a selected list of contractors. About one week will be allowed for figuring the plans.

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO, Calif. Dorantes Ave.**  
Two-story frame, stucco and brick veneer residence (7 rooms, 2 baths), composition shingle roof, heating system, hardwood floors, tile baths, etc.  
Owner—D. A. Brunig.  
Plans by Paul A. Ryan, 962 Phelan Bldg.  
Low Bidder—Thomas M. Jones, 613 29th Ave.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**PALO ALTO, Santa Clara Co., Cal. 450 California Avenue.**  
Two-story frame and stucco residence and garage.  
Owner—B. W. Bryant, 359 Dava Ave., Palo Alto.  
Architect—Not Given.  
Contractor—W. F. Kluy, Deckeroak Bldg., Palo Alto.

**Sub-Contracts Awarded**  
**RESIDENCES** Cost, \$13,279 each  
**SAN FRANCISCO, N Sea View Terrace and 30th Avenue.**  
Two two-story frame and stucco residences.  
Owner—Harry E. Allen, Inc., 154 Sutter Street.  
Architect—Farr & Ward, 65 Post St.  
Contractor—William Martin, 666 Mission Street.

**Plumbing—Alta Roofing Co., 976 Indiana Street.**  
**Plumbing—E. Sugarman, 3624 Geary.**  
**Electric Wiring—Frank F. Goodman, 1466 33rd Avenue.**  
**Heating—Lowell Davison, 1250 9th Avenue.**  
**Sheet Metal—John J. Delucchi, 1526 Powell Street.**  
**Tile Work—Scott Co., Inc., 243 Minna Street.**  
**Glass—Cobbedick - Kibbe Glass Co., 666 Mission St.**  
**Iron, Grille Work—Artistic Metal Works, 341 S. Van Ness Avenue.**  
**Brick and Stone Work—Emil Hogberg, 666 Mission St.**  
**Grading—Devincenzi Bros. and Co., 150 Collins Street.**  
**Lumber—Rolando Lumber Co., 301 Broadway Street.**  
**Mill Work—Anderson Bros., Quant & Custer Streets.**  
**Lathing and Plastering—Gene Martinelli, 666 Mission St.**  
**Concrete—Mission Concrete Co., 270 Turk St.**

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
**STOCKTON, San Joaquin Co., Calif.**  
Two-story frame residence (6 rooms), wood shingle roof, wood sash, gas furnace, hardwood and linoleum floors.  
Owner—Withheld.  
Architect—Victor Galbraith, 221 East Acacia St., Stockton.  
Low Bidder—George Lattin, Route 1, Box 32, Lodi.  
**To Be Done By Day's Work**

**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO, W 24th Avenue S of Ocean Ave.**  
Four one-story and basement frame and stucco residences.  
Owner and Builder—E. F. Gall, 377 West Portal Avenue.  
Architect—E. H. Denke, 1317 Hyde.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
**SAN MATEO, Calif. Aragon Tract**  
Two-story frame and stucco residence (6 rooms), shingle roof, wood sash, hardwood floors, tile bath, etc.  
Owner and Builder—W. J. Behan.  
Architect—C. O. Clausen, 746 46th Ave., San Francisco.

**BIDS WANTED**  
**VICTORVILLE, San Bernardino Co., Calif.—Until April 23, 2 p.m., bids will be received by the Purchasing Agent, Department of Water & Power, Room 740, 207 S. Broadway, Los Angeles, for cottages, garages and guest houses to be built at Victorville and Silver Lake, California, and at Boulder City, Nev.; Spec. No. 224. Plans and specifications may be obtained at the office of the purchasing agent upon deposit of \$10.**

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**SAN FRANCISCO, 15th Ave., near Vincente St.**  
One-story frame and stucco residence (6 rooms), terra cotta tile roof, hardwood floors, tile bath, wood sash, etc.  
Owner—Captain O'Deen.  
Architect—C. O. Clausen, 746 46th Ave.  
Contractor—F. R. Anderson.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
**BURLINGAME, San Mateo Co., Cal. Lot 6 Bk 10, Castilian Way.**  
One-story frame and stucco residence.  
Owner—George Rock  
Architect—Not Given.  
Contractor—H. E. Gray, 1307 Bay St., San Francisco.

**Sub-Contracts Awarded**  
**SORORITY HOUSE**  
**BERKELEY, Alameda County, Cal. Channing Way 395 feet east of College Avenue.**  
Two-story frame, stucco and brick sorority house.  
Owner—Gamma Phi Beta, 2732 Channing Way, Berkeley.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.  
**Plumbing—Madden Plbg. & Htg. Co., 221 San Pablo Avenue.**  
**Electric Wiring—California Electric Co., Ltd., 1125 Oak St.**  
**Heating & Sheet Metal—Atlas Htg. & Vent. Co., Ltd., 557 4th St., San Francisco.**  
**Tile Work—Briery Tile Co., 3012 Harrison Street.**  
**Glass—W. P. Fuller & Co., 259 10th Street.**  
**Hardwood Floors—Inhald Floor Co., 690 Alabama St., San Francisco.**  
**Iron, Grille Work—Eand Artistic Metal Works, 976 23rd Avenue.**  
**Brick and Stone—Geo. W. Addison, 4000 Mayhelle Ave.**  
**Grading—Arliss Knapp Co., 961 41st Street.**  
**Foundations and Concrete—Albany Cement Contractors, Inc., 1035 Murray St., Berkeley.**  
**Lumber—Smith Lumber Co. of Oakland, 19th Ave. and Estuary.**  
**Mill Work—Lannon Bros. Mfg. Co., Fifth and Magnolia Streets.**  
**Painting—J. A. Turpin, 2059 Webster Street.**  
**Lathing and Plastering—Wm Makin**

2141 Livingston Street.  
**Linoeum—Higgins Co., 2335 Broadway.**  
 All of Oakland unless otherwise noted.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$14,119  
**PALO ALTO, Santa Clara Co., Calif.**  
 Lot 12, Blk. 121, Crescent Park.  
 Two-story frame and stucco residence.  
 Owner—A. Rumwell, 185 Edgewood Drive, Palo Alto.  
 Architect—Henry C. Collins, Decker-oak Bldg., Palo Alto.  
 Contractor—Aro & Okerman, Box 433 Palo Alto.  
**Roofing—C. L. Frost, 165 Webster St., Monterey.**  
**Plumbing—Grant Winner, 704 Bryant St., Palo Alto.**  
**Electric Wiring—Erskine Electric Works, Middlefield Road at 5th Ave., Redwood City.**  
**Heating—Horabin Fuel Co., 234 Hamilton St., Palo Alto.**  
**Sheet Metal—Stanford Sheet Metal Works, 815 High St., Palo Alto.**  
**Window Shade—C. E. Petty, 424 University Ave., Palo Alto.**  
**Glass—Acme Glass Co., 851 Alma St., Palo Alto.**  
**Tile Work—Brumball Tile Co. Harwood Floors—G. Backlund & Son, 1329 Hoover St., Menlo Park Grading—Nik Johnson. Foundations & Concrete—Joe Emma, 183 E. Willow Road, Palo Alto. Lumber—Memor Lumber Co., 795 State Highway, Palo Alto. Mill—Schopke Burke. Painting—O. R. North, 134 Donohue St., Palo Alto. Lathing & Plastering—Ira T. Bridges, 654 Oberlin St., Palo Alto.**

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500-\$8,000  
**SAN FRANCISCO. University Terrace.**  
 Six one-story frame and stucco residences (5 and 6 rooms each), wood sash, tile baths, hardwood floors, etc.  
 Owner & Builder—Bay Cities Bldg. Co., 160 Russ Bldg.  
 Architect—C. O. Clausen, 746 46th Ave.  
**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**HILLSBOROUGH San Mateo Co., Calif.**  
 Two-story frame and stucco residence (12 rooms, 6 baths), shingle roof, air conditioning system, hardwood floors, tile baths, etc.  
 Owner—M. Irvine, care Architect.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.  
 Contractor—D. B. Gladstone, 537 Market St., San Francisco.

## 15—SCHOOLS

**Bids Opened**  
**ADDITION** Cost, \$.....  
**GILROY, Santa Clara Co., Calif.**  
 Choral Room addition to the Music Building at Gilroy Union High School.  
 Owner—Gilroy Union High School District.  
 Architect—Wm. H. and Harold H. Weeks, 593 Market St., San Francisco.  
 Low Bidder—George C. Renz, 555 5th St., Gilroy, \$4,540.64.  
 Only other bid submitted was by Wm. Rautke, Gilroy, at \$4,812.50.  
 Bids have been taken under advisement until April 5, 2:30 P. M., date of the next meeting of school board.

## BIDS WANTED

**LOS ANGELES, Cal.—Until April 16, 2 P. M., bids will be received by the Los Angeles board of education, 1425 San Pedro St., for furnishing**

and installing lighting fixtures and signal equipment in the new auditorium building at Manual Arts high school.

## BIDS WANTED

**LOS ANGELES, Cal.—Until April 15, 2 P. M., bids will be received by the Los Angeles board of education, 1425 San Pedro St., for ground improvements at the Harrison Street school; also for furnishing and installing lighting fixtures and signal equipment in the new building at the Lomita school.**

## BIDS WANTED

**LOS ANGELES, Cal.—Until April 16, 2 P. M., bids will be received by the Los Angeles board of education, 1425 San Pedro St., for furnishing and installing kitchen equipment in the new classroom building at the John Adams junior high school and in the cafeteria building at the Berendo junior high school; also for furnishing and installing lighting fixtures and signal equipment in the new building at Hillside school.**

## BIDS OPENED

**RECONSTR. SCHOOL** Cost, \$.....  
**TAFT, Kern Co., Calif.**  
 Reconstruction of north and south wings of high school.  
 Owner—Taft Union High School District.  
 Architect—W. H. and Harold Weeks, 593 Market St., San Francisco.  
 Low bid on each aegregation, except the electrical bids, which are under advisement, has been recommended to PWA for a award.

Complete bids follow:  
 (1)—General Construction  
 L. H. Hansen & Son, 934 Stanford Ave, Fresno.....\$113,144.00  
 Trewhitt, Shields & Fisher.....116,938.00  
 J. C. Meyers.....118,825.00  
 F. C. Stolte Co.....121,900.00  
 R. J. Daum.....123,465.00  
 Midstate Constr. Co.....123,973.00  
 N. H. Sjoberg & Sons.....127,232.00  
 Peter P. Shelby.....128,421.00  
 Andy Sordal.....133,964.00  
 (2)—Heating & Plumbing  
 Frank Hudson, 2141 S. Van Ness Ave., Fresno.....12,800.00  
 B. A. Newman.....12,949.00  
 Carl T. Doell Co.....13,990.00  
 Peltjohn & Co.....14,375.00  
 W. M. McKenney.....14,895.00  
 Andy Sordal.....15,763.00  
 F. W. Peck.....17,000.00  
 (3)—Hardware  
 Pioneer Mercantile Co. Taft.....1,680.50  
 F. C. Stolte Co.....1,700.00  
 Midstate Constr. Co.....17,075.00  
 (4)—Linoeum & Window Shades  
 Taft Furniture & Hardware Co.....2,854.59  
 Menner's Furniture Co.....3,247.50  
 Burns Hardware (linoeum only).....1,747.08

(5)—Electrical Work  
 Carter's Electric Constr. Co.....8,724.00  
 Midway Electric Co.....9,439.75  
 Pomeroy Electric Co.....12,883.41

## BIDS REJECTED

**SHOP** Cost, \$50,000  
**ROSEVILLE, Placer Co., Calif.**  
 One-room woodworking shop building (60x80 feet), two stories in height; small mezzanine for storage space and office; concrete foundations, reinforced concrete walls, concrete floor, steel sash, wood trusses, composition roofing.  
 (The first unit of a complete shop building estimated to cost \$40,000).

Owner—Roseville Union High School District.  
 Architect—E. Ernst, 9 W. Cleveland St., Stockton.  
 The School Board has rejected the two bids received recently for construction of the first of three units

of a complete shop building, and has decided to construct the building as a whole and not the unit plan. Mr. Ernst has been authorized to file an application with the PWA for a grant of 45% of the cost.

## LOW BIDDER

**LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. La Brea Ave., submitted low bid to Los Angeles board of education at \$106,960, for strengthening and reconstructing the auditorium portion of the main building at the John C. Fremont high school, 7676 S. San Pedro St. A. S. Nibecker, Jr., architect.**

## PREPARING WORKING

**DRAWINGS**  
**LOS ANGELES, Cal.—Architect W. H. Austin, 522 Chestnut Ave. Long Beach, is starting working drawings for rehabilitation and repairing the auditorium building at the Woodrow Wilson high school site, Long Beach. Work will include structural and reinforcing steel, gunite work, tile and composition roofing, interior changes acoustic plaster, lighting fixtures, asbestos curtain. The estimated cost is \$125,000.**

## BIDS WANTED

**PASADENA, Cal.—Until April 14, 11 A. M., bids will be received by the Pasadena board of education for furnishing and installing Venetian Blinds and electric lighting fixtures in the Horace Mann building at the Pasadena junior college. Specifications are on file at 320 E. Walnut St., Pasadena.**

## BIDS WANTED

**LOS ANGELES CO., Calif.—Until 7:30 P. M. April 16 (bid opening date postponed from April 9) bids will be received by the Lowell Joint School District of Los Angeles and Orange Counties for construction of a one-story auditorium and repairs to classroom building at Lowell School located three miles west of La Habra a PWA project.**

**Contract Awarded**  
**ADDITION** Cont. Pr., \$3,896  
**GILROY, Santa Clara Co., Calif.**  
 Choral Room addition to the Music Building at Gilroy Union High School.  
 Owner—Gilroy Union High School District.  
 Architect—Wm. H. and Harold H. Weeks, 593 Market St., San Francisco.  
 Contractor—George C. Renz, 555 5th St., Gilroy.

**Plans Being Figured — To Close**  
**April 21, 10 A. M.**  
**ADDITION TO SCHOOL** Cost, \$75,000  
**SAN FRANCISCO. Saint Monica's School (Rev. Wm. J. Cantwell, Rector), 24th and Geary Sts.**  
 Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x91 ft.); six classrooms and assembly hall, with gymnasium in basement.  
 Owner—Archbishop of San Francisco, 1100 Franklin St.  
 Architect—Arnold Constable, 580 Market St.  
 Structural Engineer—Kaj Theill, 580 Market St.  
 Mechanical Engineer—George E. Atkins, Hohart Bldg.  
 Bids will be received at the office of the Archbishop from a selected list of contractors.

**Preparing Plans**  
**REMODEL SCHOOL** Cost, \$5,000  
**PETALUMA, Sonoma Co., Calif. St. Vincent's School.**  
 Remodel old grade school building into high school; remove third story and roof, replace new roof,

plaster and paint exterior of the building, minor interior alterations.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
 Architect—Arnold Constable, 580 Market St., San Francisco.

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**COCKTAIL BAR, ETC.** Cost, \$ .....  
 SAN FRANCISCO. Oxford Hotel, Turk and Mason Streets.  
 New cocktail bar and remodeling of Arnold Haas Coffee Shop.  
 Owner—Arnold Haas  
 Architect—Albert R. Williams, 251 Post Street.  
 Contractor—William Tait, 883 Market Street.

**Contract Awarded**  
**STORE** Cost, \$5,250  
 SAN JOSE, Santa Clara Co., Calif. The Alameda.  
 One-story brick store building (45x 65-ft.) cement floors, composition roof, plate glass front.  
 Owner—Eleanor Brooker.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.  
 Contractor—M. A. Urstadt, 118 Radio Ave., San Jose.

**Contract Awarded**  
**REMODELING** Cost, \$4,850  
 SAN JOSE, Santa Clara Co., Calif. Second and San Antonio.  
 Remodeling interior and exterior of store building (three stories).  
 Owner—F. P. Barry, 118 S. Second St., San Jose.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.  
 Contractor—George L. Honore, 136 Race St., San Jose.

**Planned**  
**MERCANTILE BLDG.** Cost, \$75,000  
 HAYWARD, Alameda Co., Calif. C and Castro Sts.  
 Steel and concrete mercantile building (100x125 ft.).  
 Owner—Jack Casson, 319 Warren St., Hayward.  
 Architect—Not Selected.

**Plans Completed**  
**SHOP BLDG.** Cost, \$50,000  
 ROSEVILLE, Placer Co., Calif.  
 One and two-story reinforced concrete shop building (first floor to contain woodworking shop, machine shop, and auto-mechanic shop; second floor to contain classrooms and drafting room), concrete floors on first floor, maple floors on second floor, first floor ceiling and second floor walls and ceiling plaster finish; composition roofing, steel sash and large glass windows; radiators and individual units to connect with existing steam plant in main building; the second floor will cover about two-thirds of the building.  
 Owner—Roseville Union High School District.  
 Architect—E. Ernst, 9 W. Cleveland St., Stockton.  
 Application will be filed with the PWA for a grant of 45% of the cost.

**Sub Contracts Awarded**  
**ALTER COCKTAIL LOUNGE** Cost, \$ .....  
 SAN FRANCISCO, Calif. 209 Powell St.  
 Alterations to Gilbey's cocktail lounge.  
 Owner—Gilbey's Bar.  
 Architect—D. D. Stone, 381 Bush St.  
 Contractor—Lindgren & Swinerton, 225 Bush St.  
**Marble**—Eisele & Dondero Marble Co., 2985 Third St.  
**Terrazzo**—California Terrazzo Co.,

2085 San Bruno Ave.  
**Glass & Metal Bars**—W. P. Fuller Co., 301 Mission St.  
**Elevator**—W. B. Baker & Co., 15 Harriet St.  
**Columb Coverings**—Industrial Ornamental Iron Bronze Works, 552 Noe St.  
**Paint**—Raphael Co., 270 Tehama St.  
**Steel Scaffolding**—Safeway Scaffolding Co.  
**Mill Work**—J. A. Hart, Jerrold and Napoleon Sts.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—West-house Electric Elevator Co., 420 S. San Pedro St., has been awarded a contract at \$122,617 for changes to the elevators in the Citizens National Bank Building, northwest corner of Fifth and Spring Sts. for the Commercial Fireproof Building Co. Architect Edwin Bergstrom, 1129 Citizens National Bank Bldg., prepared plans for the improvements.

**Plans Being Figured**  
**ALTER CAFE** Cost, \$ .....  
 SAN FRANCISCO, Calif. 835 Market Street.

Alterations to the cafe on the mezzanine floor of The Emporium.  
 Owner—The Emporium, Inc.  
 Plans by Engineering Department of Owner.  
**Dinwiddie Construction Co., Inc.**, 210 Crocker Bldg., desires sub bids not later than April 6, on all portions of the work.

**Hardware & Sprinkler Bids In—**  
**Under Advisement** Cost, \$500,000  
 SAN FRANCISCO. Fourth St. and Pioneer Place.  
 Two-story and basement steel and concrete railway and bus terminal (29,900 sq. ft.); first floor: ticket concourse, waiting room, rest rooms for men and women, loading and unloading platforms and bus driveway areas; second floor: offices & baggage rooms; basement: company garage, mechanical facilities, heating plant.  
 Owner—Santa Fe Railway Co., 114 Sansome Street.  
 Plans by Engineering Department of Owner (H. L. Gilman, Architect; M. C. Blanchard, Chief Engineer), Crockerhoff Bldg., 121 E. 8th St., Los Angeles.  
 Contractor—P. J. Walker Co., Sharon Building.  
 Sub bids are now being received on terra cotta tile.

**Completing Working Drawings**  
**STORE BLDG.** Cost, \$ .....  
 SAN LUIS OBISPO, Calif. 876 Higuera Street.  
 Two-story concrete, brick and frame store building (55x233 ft.)  
 Owner—Montgomery Ward & Co. Plans by Construction Department of Owner, Chicago Office.  
 Plans will be completed and sent to a selected list of contractors on April 18.  
 (1553) 1st report Feb. 19, 1937. 16  
 April 5, 1937.

**Contract Awarded**  
**STORE BLDG.** Cost, \$12,000  
 SAN FRANCISCO. Cole and Carl Streets.  
 One-story frame and stucco store building.  
 Owner—Whitheld  
 Architect—Jorgensen & Deichmann, associated architects, 321 Bush.  
 Contractor—Mills Construction Co., Ruas Building.

**Sub Contracts Awarded**  
**BUILDING** Cost, \$2,000,000  
 SAN FRANCISCO Tenth and Market Streets.  
 Eight-story reinforced concrete bldg. to house Western Furniture Ex-

change, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).  
 Owner—Capital Co., 625 Market St.  
 Plans by Construction Department of Owner.  
 Structural Engineer—L. H. Nishkian, 525 Market Street.  
 Mechanical Engineer—Leland & Haley, 58 Street Street.  
 Contractor—Cull Brothers, 206 Sansome Street.  
**Revolving Door**—C. J. Waterhouse Co., 55 New Montgomery St.  
**Marble**—Eisele & Dondero Marble Co., 2985 Third St.  
 Complete sub contracts awarded to date published Nov. 23, Jan. 12, Feb. 8, Feb. 11, Mar. 12 and Mar. 19.

**Contract Awarded**  
**OFFICE BLDG.** Cost, \$17,500  
 SAN JOSE, Santa Clara Co., Calif. Bird Avenue.  
 New office building.  
 Owner—Rocco Albanese, 402 Bird Avenue, San Jose.  
 Architect—Not Given.  
 Contractor—Dan Caputo, 401 Illinois Ave., San Jose.

**PLANS BEING FIGURED**  
**SANTA MONICA, Los Angeles Co., Calif.**—Structural Engineer Maurice Sasso, 641 I. W. Hellman Bldg., Los Angeles, is taking bids until April 15 from a selected list of contractors for a 3-story, Class A telephone exchange and office building to be erected at 1314-18 Seventh St., Santa Monica, for the Associated Telephone Co., 550 Elm Ave., Long Beach. All work will be included in general contract except elevators, acoustic ceilings and lighting fixtures. Following contractors invited to submit bids:  
 Pozzo Construction Co., 2403 Riverside Dr.; Wm. Simpson Construction Co., Architects' Bldg.; Richards-Neustadt Construction Co., 117 W. 9th St.; Weymouth Crowell Co., 2104 E. 15th St.; J. K. Thomas, Kress Bldg., Long Beach. Work is scheduled to start on April 21.

**Correction in Engineer's Name**  
**INDUSTRIAL BUILDING**  
 Estimated Cost, \$150,000  
 SAN FRANCISCO. Van Ness Ave. and O'Farrell and Olive Streets.  
 Three-story reinforced concrete automobile sales room and service building (120x180 ft.).  
 Owner—Ernest Ingold, Inc., 1700 Van Ness Ave.  
 Architect—J. E. Dinwiddie, 360 Pine Street.  
 Structural Engineer—R. J. Fisher, 826 Crocker Bldg.  
 Contractor—Barrett & Hlip, 918 Harrison Street.  
 Working drawings will be completed and construction started about the first of May.

**Contract Awarded**  
**ALTERATIONS** Cont. Pr. \$9,300  
 MERCED, Merced Co., Calif.  
 Alterations and additions to 3-story bank and store building (complete renovation of third floor; installation of elevators; heating and cooling systems; redecoration of building).  
 Owner—Judge Shafer, Merced.  
 Architect—H. H. Winner, Wordsworth Ave., Ross.  
 Lessee—First National Bank, Merced.  
 Contractor—Paul D. McCombs, 648 19th St., Merced.  
 Contract includes steel, concrete, glass and glazing work to the first plaster, carpentry, mill, sheet metal, National Bank.  
 New bids will be taken on marble and bronze work in about one week.

**Completing Working Drawings**

**ADDITION** Cost, \$.....  
**OAKLAND**, Alameda Co., Cal. Sixth and Webster Streets.  
 Two-story brick and steel addition to Salvation Army bldg. (wood and steel sash).  
 Owner—Salvation Army.  
 Architect—D. D. Stone, 381 Bush St., San Francisco.  
 Bids will be asked within a few days.

**To Be Done By Day's Work**  
**ALTER MARKET** Cost, \$20,000  
**SAN FRANCISCO**, NW Jackson and Polk Streets.  
 Alter market building.  
 Owner and Builder—G. Casey, 110 Sutter Street.  
 Architect—Not Given.

## 17— THEATRES

**Sub-Contracts Awarded**  
**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO**, SW Sutter and Steiner Streets.  
 Alterations to theatre.  
 Owner—Uptown Amusement Co., 25 Taylor Street.  
 Architect—A. A. Cantin, 64 Pine St.  
 Structural Engineer—W. Adrian, 417 Market Street.  
 Contractor—Sath Bros., 25 Taylor St.  
**Structural Steel**—Schradler Iron Wks. Inc., 1247 Harrison St.  
**Reinforcing Steel**—Soule Steel Company, 150 Army St.  
**Reedymix Concrete**—Golden Gate Art-lars Materials Co., 16th and Harrison Streets.  
**Lumber**—McCallum Lumber Co., 748 Bryant Street.

**Bids Opened**  
**THEATRE** Cost, \$.....  
**SHAPTER**, Kern Co., Calif.  
 Reinforced brick motion picture theatre (50 x 150 ft.), steel trusses, seamed metal roof, air washer, concrete floor, etc.  
 Owner—Mr. Frank Panero.  
 Architect—Franklin & Kump, Haberfeld Bldg., Bakersfield.  
 Low Bidder—R. Hodgson & Son, 510 Second St., Porterville.  
 Complete bids follow:  
 R. Hodgson & Son, Porterville, \$28,500  
 Graham & Dormanady, Delano, 29,000  
 A. J. Hendricks, Bakersfield, 29,600  
 J. N. Harvey, Bakersfield, 29,740  
 Midstate Constr. Co., Fresno, 31,776  
 L. Hansen & Son, Fresno, 32,300  
 F. A. Greenough, Bakersfield, 34,170  
 (1597) 1st rep. Mar. 1st; 3rd, Mar. 30.

**Preparing Plans**  
**THEATRE** Cost, \$100,000  
**SPOKANE**, Wash. Monroe and Indiana Streets.  
 Two-story reinforced concrete theatre (71x117 ft.), 70-ft. sight tower, 50-ft. marquee.  
 Owner—F. C. Weskil, Sandpoint, Ida.  
 Architect—Bjorne Moe, 2318 2nd Avenue, Seattle.  
 Bids will be asked by the owner.

**Sub-Contracts Awarded**  
**THEATRE** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Main St. bet. California and Sutter Sts. (Yosemite Theatre).  
 New reinforced concrete Class C theatre building (50x125 feet), seat 950; 20-ft. foyer with store on each side.  
 Owner—E. Wilhoit, Stockton.  
 Architect—A. A. Cantin, 64 Pine St., San Francisco.  
 Contractor—O. H. Chain, 41 S. Sutter St., Stockton.  
**Roofing**—Stockton Roofing Co., 736 North Hunter Street.  
**Plumbing and Sheet Metal**—Miller-Hays Co., 742 E. Weber Avenue.  
**Tile Work**—Stockton Tile Co., 523 E. Chappel Street.  
**Glass**—W. P. Fuller & Co., 218 South Aurora Street.  
**Brick and Stone**—R. Williams, Hotel

Bronx.  
 Grading—Blasotti & Son, P. O. Box 587.  
 Lumber and Mill—Electric Planing Mill, 545 South Monroe.  
 Cast Plaster—J. C. Perry, 530 West Willow.  
 Steel—Kyle & Co., West's Lane.  
 All of Stockton.

## 18—WHARVES & DOCKS

**LOW BIDDER**  
**LOS ANGELES**, Calif.—Peter P. Shelby, Chamber of Commerce Bldg., Los Angeles, submitted low bid to Los Angeles harbor department at \$119,791, for constructing machine shop and laboratory facilities complete at Berth 161, Los Angeles harbor; PWA Docket No. 1206, Unit No. 6. Ray Damm, 2964 Budson Avenue, Los Angeles, at \$146,500 submitted the only other bid for the work complete.

## TO ASK PWA FUNDS

**SEAL BEACH**, Orange Co., Calif.—Victor W. Hayes, City Engineer, has completed plans for a \$139,000 pleasure pier to be erected at the foot of Main Street. Plans have been presented to the city council and will be used as the basis for an application to the PWA for aid in financing the project. Specifications call for a cross-tied wooden structure to extend 1,300 feet southerly in the Pacific Ocean with a rock abutment extending 500 feet off shore, designed to build up the adjacent beach. The 20-foot deck with a 5-foot offset halfway out is to be paved with a 3-inch covering of asphalt, lighted by ornamental lights, a pavilion with restrooms is designed for the extreme end. The depth of the water at low tide is estimated to be 13 feet.

## 19—MISC. CONSTRUCTION

### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Contracting Engineers Co., 2310 1/2 W. Vernon Ave., awarded contract for erection of a pump house, water storage tank and fire protection system at 10,200 Orton Ave., West Los Angeles, on Twentieth Century-Fox Film Corp. Plans prepared by owner's engineering department; J. A. Barlow, chief engineer.

### NEW BIDS WANTED

**SAN BERNARDINO** Co., Calif.—Until April 20, 10 a. m., new bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for constructing an indirect evaporative-type cooling and electric heating air conditioning system in each of 24 cottages located in San Bernardino and Riverside counties, along the line of the Colorado River aqueduct, near the pumping plants designated as Gene, Iron Mountain, Eagle Mountain and Hayfield; Spec. No. 203. Specifications available from Room 1007, 306 W. 3rd St., Los Angeles, upon payment of \$2 per set, non-refundable. P. E. Weymouth, general manager and chief engineer.

### TO ASK NEW BIDS

**SEATTLE**, Wash.—All bids received by the City of Seattle for furnishing and erecting galvanized steel transmission towers for Skagit Transmission Line No. 2, were returned unopened, and the work will be re-advertised in about fifteen days with new specifications.  
 The work involves about 11,000 lbs. of galvanized fabricated structural steel, and furnishing control and relay switchboards.  
 Plans and specifications obtainable from the office of the City Light Engineering Division, 253 City Light Bldg., J. D. Ross, City Lighting Su-

perintendent.

### Contracts Awarded

**NATATORIUM** Cost, \$.....  
**SAN LUIS OBISPO**, San Luis Obispo Co., Calif.  
 One-story reinforced concrete natatorium (swimming pool and lock-rooms), tile and composition roofing at California Polytechnic School.  
 Owner—State of California.  
 Architect—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.  
 Low bids follow:  
 General—Peter P. Shelby, 1151 South Broadway, Los Angeles—\$64,946.  
 Mechanical—Scott Co., 243 Minna St., San Francisco—\$20,537.  
 Electrical—California Electric Co., 30 E. 634.  
 Victoria St., Santa Barbara—\$3-

### Bids In—Held Under Adjudgment

**PASSENGER TERMINAL** Cost, \$2,000,000 to \$3,000,000  
**LOS ANGELES**, Calif. Alameda St., bet. Aliso and Macy Streets.  
 Passenger terminal buildings, offices, administration unit, main concourse, entrance lobby, dining room, kitchen, main waiting room, concrete tower.  
 Owner—Santa Fe, Union Pacific and Southern Pacific Railroads.  
 Railway Engineering Department of Owner (A. J. Barclay, Construction Supt., 726 N. Alameda St., Los Angeles).  
 Separate bids will be taken for the electrical and mechanical work for which plans have not yet been completed.  
 Announcement will be made in about one week.

### BIDS WANTED

**SAN FRANCISCO**.—Until April 20, 10 a. m., bids will be received by Captain H. J. Vanderulsh, H. D. Artillery Engineer, Fort Winfield Scott, for the installation of telephone conduit and miles at Sutter Heights, and Fort Miles.  
 Plans and specifications obtainable from the above office.

### Plans Being Figured

**MORTUARY** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 One-story frame and stucco mortuary building, with apartment over garage (will contain two chapels, one to seat about 300; three lumber rooms; preparation room; two family rooms, large display room in basement; rest rooms, offices, etc.); reinforced concrete retaining walls, plaster interior finish, wood floors carpeted, tile floors in preparation and rest rooms, completely equipped forced hot air heating system and controlled air conditioning system, etc.  
 Owner—Withheld.  
 Architect—Eric W. Johnson, 41 S. Sutter St., Stockton.  
 Bids will be received from a selected list of contractors. Bids will close about April 13.

### Plans Being Figured — Bids Close

**APRIL 19, 5 P. M.**  
**SWIMMING POOL** Cost, \$35,000  
**BAKERSFIELD**, Kern County, Calif.  
 Central Park.  
 Open-air swimming pool (120x50 ft.), stone tile bathhouse (concrete floors and tile roof), showers, and sanitary facilities; chert, and sand filtering equipment; 15-ft walkways, etc.  
 Owner—City of Bakersfield.  
 Plans prepared by City Engineer Joe Hofferder.

Plans and specifications obtainable from the office of City Clerk W. Van Riper at a charge of \$5, non-returnable. Bids will be opened at 8 p.m.



April 19.  
(1894) 1st report Jan. 26. \* 19

**PREPARING PRELIMINARY PLANS**

**LOS ANGELES, Calif.**—Austin Co. of California, 777 E. Washington Blvd., is preparing preliminary plans for a new radio broadcasting plant to be built in Hollywood for the National Broadcasting Company. The location of the plant will probably be on a 10-acre site in the block bounded by Caluenga Blvd., Lillian Way, Romaine Ave. and Willoughby Ave. Cost estimated at \$500,000. The Austin Company will erect the buildings.

**BIDS WANTED**

**SAN FRANCISCO**—Until Apr. 14, from 9:00 a. m. until 11:30 a. m., the city-owned buildings located at 2221-A and 2221-B Greenwich St., 120-122 Dorland St., 128-130 Dorland St., 148 Dorland St., and buildings on lot east of 148 Dorland, two bungalows at Burnett School, southwest corner of Newcomb and Lane Sts., two bungalows at Aptos Junior High School, southeast corner of Aptos Avenue and Upland Drive, will be sold at auction on the premises of Joseph J. Phillips, Director of Property.

**Bids Opened**

**BOILER** Cost, \$ ...  
**CAMARILLO, Ventura County, Cal.**—Camarillo State Hospital.  
Erection and completion of a 500-h.p. water tube boiler, complete with foundations, burner, breeching, blow-off tank, piping, and other appurtenances, for complete installation in the boiler plant bldg. at the hospital.  
Owner—State of California.  
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**Los Angeles**—R. G. Meyer, 408 South Spring St., Los Angeles.  
Complete bids follow:  
R. G. Meyer, Los Angeles.....\$22,100  
Walter S. Leland Co., Walnut Creek ..... 22,487  
C. C. Moore Co., S. F. .... 22,900

**CONTRACT AWARDED**

**SAN FRANCISCO, Cal.**—California Wrecking Co., 44 Fourth St., at \$275, awarded contract by the Department of Public Works, for wrecking and removal of a two-story brick and frame building on Oregon Street at the Embarcadero.  
Complete bids published April 1.

**Low Bidders**

**SWIMMING POOL** Cost, \$70,000  
**Taft, Kern Co., Cal.** Lincoln School (Fourth Street).  
Concrete tile-lined swimming pool (hydro-therapy pool and frame building).  
Owner—Taft School District.

Architect—Chas. H. Biggar, 554 Harboride Bldg., Bakersfield.  
General—Trewitt-Shields & Fisher, Pacific Southwest Bldg., Fresno, 559.611.

**Plumbing, Heating and Water Purification**—B. A. Newman & Co., 520 North H. St., Fresno, \$43,657.  
**Electrical**—Carter, Electrical Const. Co., 425 North St., Taft, \$5,588.  
Complete bids will be published shortly.

**To Be Done By Day's Work**

**STB STATION** Cost, \$10,000  
**SAN FRANCISCO** W 9th Ave., 225 ft. S Judah St.  
Class B Substation.  
Owner—Pacific Gas & Electric Co., 245 Market St.  
Plans by Engineering Department of Owner.

**Contract Awarded**

**ADDITION** Cost, \$ ...  
**SAN MATEO CO., Calif.** Holy Cross

**Cemetery**

**Addition to Mausoleum.**  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
Architect—Henry A. Minton, Underwood Bldg., San Francisco.  
Contractor—Moore and Roberts, 693 Mission St., San Francisco. \*

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**

**MOON LAKE PROJECT, Utah.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 896-D, for furnishing stairways, walkways, and miscellaneous metalwork for outlet works at the Moon Lake Dam, Utah:

(1) Fabricated structural steel; (2) Grating and treads; (3) Pipe and fittings; (4) Miscellaneous iron work, Denver—(1) \$695; f.o.b. Birmingham; net. Joseph T. Ryerson & Son, Inc., Chicago—(1) \$671; (2) \$827.24; (3) \$236; f.o.b. Chicago; 1 1/2% discount. Hansell Electric Co., Chicago—(1) \$677; (2) \$507; (3) \$215; f.o.b. Chicago; 1 1/2% discount.

**Progressive Iron Works, Inc., Los Angeles**—(1) \$998; (2) \$784; (3) \$251; (1), 2 & 3 \$2,013; f.o.b. Heber, Utah; 1 1/2% discount.  
**Berkeley Steel Constr. Co., Berkeley**—(1) \$1,125; f.o.b. Berkeley; 1 1/2% discount.

**Fabriform Steel Products Co., Bell**—(2) \$787.85; f.o.b. Heber; 1% discount.  
**Omaha Steel Works, Omaha**—(1) \$677; (2) \$347; f.o.b. Omaha; 1 1/2% discount; (2) \$650, f.o.b. Kansas City, Mo.; 1 1/2% discount.

**Wm. F. Klemp Co., Chicago**—(2) \$552; f.o.b. Chicago; 1% discount.  
**John W. Beam, Denver**—(1) \$255; (2) \$900; (3) \$285; f.o.b. Peotone, Ill.; 1 1/2% discount.  
**Duffin Iron Co., Chicago**—(1) \$660; f.o.b. Chicago, net.

**Structural Steel & Forge Co., Salt Lake City**—(1) \$835; f.o.b. Heber; 1 1/2% discount.  
**A. J. Bayer Co., Los Angeles**—(1) \$1,225; (2) \$1,270; (3) \$395; f.o.b. Los Angeles; net.  
**Blair Knox Co., Pittsburgh**—(2) \$855; f.o.b. Heber; 1% discount.

**Dravo Corp. (Machinery Division), Pittsburgh**—(2) \$899; f.o.b. Heber; 1% discount.  
**B. Katchen Iron Works, Irvington, N. J.**—(1) \$950; (2) \$800; (1) & 2) \$1,725; f.o.b. Heber; 1 1/2% discount.

**Reliance Steel Products Co., Rankin, Pa.**—(2) \$558; f.o.b. Rankin; 1 1/2% discount.  
**Star Ornamental Iron Works, San Francisco**—(1) \$699; f.o.b. San Francisco; 1 1/2% discount.

**BIDS OPENED**

**OAKLAND** Madewell Mfg. Co., 1150 25th Ave., Oakland, at \$103 per lb., less a discount of 2%, submitted low bid to the Oakland City Council, W. W. Chaparral, City Clerk, for furnishing incandescent lamp casings.  
Complete bids follow:  
**Madewell Mfg. Co., Oakland**—\$103 per lb., less 2% discount.  
**Spoars Wells Pipe Co.**—\$104; less 2% discount.  
**Montague Pipe & Steel Co.**—\$113; less discount of 2%.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Bethlehem Steel Co., 20th and Illinois, San Francisco, at \$4,088.74, awarded contract by lot by the U. S. Engineer Office, Dept. of J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 968-37-220 for furnishing approximately 130,000 lbs. reinforcing steel, f.o.b. Fort Funston.

**Complete bids follow:**

Identical bids at \$4,088.74 submitted by: Bethlehem Steel Co., Herrick Iron Works, Gunn-Carle Co., Frank Borrmann, Soule Steel Co., and Columbia Steel Co.  
W. S. Wettenhall—\$4,101.69.

**BIDS OPENED**

**SACRAMENTO**—Bids for furnishing and delivering miscellaneous castings for Bio Vista were opened by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-191, as follows:  
(1) 75 each, 20-in. dredge shore pipe taper ends;  
(2) 3 each dredge pump casings;  
(3) 2 each, dredge pump impellers;  
(4) One lot cutter head bearings (8 half bushings).

**Monarch Foundry & Engrg. Corp., Stockton**—(4) \$321; delivery 30 days; discount, 1% 10 days; net 30 days.  
**Neptune Machine Works, S. F.**—(4) \$335; delivery, 30 days; discount, 1% 10 days; 1 1/2% 20 days; net 30 days.  
**Western Pipe & Steel Co., S. F.**—(1) \$1,132.50; delivery, 21 days.

**Golden State & Miners Iron Works**—(1) no bid; (2) \$5,522; (3) \$2,734; (4) \$327.48; delivery: (2) one each, 60, 120 and 180 days; (3) one each, 40 and 55 days; (4) 30 days; no discount.  
**Union Machine Co., S. F.**—(3) \$3,050; delivery, one in 40 and one in 50 days.

**Bethlehem Shipbuilding Corp.**—(1) \$1,860; (2) \$6,120; (3) \$3,440; (4) \$420; delivery: (1) first in 24 days; (2) 45 days; (3) 1st in 30 days; (4) 25 days.  
**General Engineering & Dry Dock Co., Oakland**—(2) \$5,656; (2) \$3,389; (4) \$587; delivery: (2) one each in 30, 55 and 75 days; (3) one in 35 and one in 50 days; (4) 30 days; no discount.

**Pacific Coast Engineering Co.**—(1) \$750; (4) \$400; delivery: (1) 35 days; (4) 30 days; discount, 1 1/2% 10 days.  
**Montague Pipe & Steel Co.**—(1) \$592.50; delivery in 25 days; discount, 1 1/2%.

**Stockton Iron Works**—(2) \$5,625; (4) \$408; delivery: (2) one each in 30, 55 and 75 days; (4) 30 days.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—General Electric Co. was awarded the contract by the L. A. Water and Power Commission, April 1 at \$539 for furnishing street lighting bracket lamps under Spec. No. 2237. The bids were opened March 26.

**BIDS OPENED**

**PARKER DAM PROJECT, Calif.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 897-D, for furnishing draft-tube stop-log guides and metalwork for stop logs for the Parker power plant, Parker Dam Project:

**California Steel Products Co., San Francisco**—\$8,447; f.o.b. San Francisco; delivery in 20 and 90 days; net \$8,447.  
**Richmond & Kemp, Philadelphia**—\$9,755; f.o.b. Earp; delivery in 45 and 75 days; 2% discount.

**Lakeside Bridge & Steel Co., Milwaukee**—\$9,936; f.o.b. Earp; delivery in 20 and 90 days; net.  
**Virginia Bridge Co., Roanoke**—\$9,555; f.o.b. Memphis; delivery in 90 days; net.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Bids for furnishing incandescent lamps Spec. 2239, were opened by D. P. Nicklin, purchasing agent, L. A. Water and Power Bureau, April 2. The bids were:  
General Electric Co., incandescent lamp dept—36% off, basis \$50,000 contract; 5% 15th prox.  
Westinghouse Electric & Mfg. Co.—36% off, basis \$50,000 contract; 5% 15th prox.  
Westinghouse Electric & Mfg. Co.—36% off, basis \$100,000 contract; 5% 15th prox.

## BIDS OPENED

**SAN FRANCISCO**—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1765, for furnishing 20,000 ft. single conductor No. 8 AWG solid copper wire, insulated for 5,000 volts; Lavenson & Savasta—\$135 per 1,000 feet.

Allied Industries, Inc.—\$135.  
Grey Electric Supply Co.—\$136.  
General Electric Supply Corp.—\$141.

Identical bids at \$142 submitted by Anaconda Wire & Cable Co., The Electric Corp., U. S. Rubber Products, Inc., John A. Roebbling's Sons Co., Maydwell & Hartzell, General Cable Corp., and the California Electric Supply Co.  
Baker, Hamilton Pacific Co.—\$150.  
General Electric Co.—\$411.  
Westinghouse Electric Supply Co.—\$411.

## BIDS OPENED

**CASPER-ALCOVA PROJECT**, Wyoming—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 726, for furnishing (1) three 25 ft. 8 in. x 40 ft. gates, and (2) frames and metal work for gate counterweights, for installation in the spillway at the Alcovia Dam, Casper-Alcovia Project, Wyoming:

Commercial Iron Works, Portland, Ore.—(1) \$44,870; f.o.b. Portland.

Bethlehem Steel Co., Bethlehem, Pa.—(1) \$55,633; (2) \$11,899; f.o.b. Chicago.

Lakeside Bridge & Steel Co., Milwaukee, Wis.—(1) \$57,572; (2) \$18,900; combination bid \$75,000; f.o.b. Casper.

Hunter Steel Co., Pittsburgh—(1) \$67,440; (2) \$19,840; f.o.b. Neville Island Pa.

American Bridge Co., Denver, Colo.—(1) \$62,912; (2) \$13,521; f.o.b. Gary, Ind.

Koppers Co., Bartlett-Hayward Division, Baltimore—(1) \$55,850; (2) \$20,400; f.o.b. Casper, Wyo.

## BIDS OPENED

**LOS ANGELES**, Calif.—Bids for furnishing 890,000 lbs. of fabricated steel and other metal work incidental to the superstructure for the Roosevelt Highway bridge over Baltona Creek near Del Ray Beach, were opened by the U. S. Engineer, Los Angeles, April 5 under Circular Prop. No. 280. The bids were:

Bethlehem Steel Co., \$695 lb., \$61,855 total; delivered.

Consolidated Steel Corp. \$6768 lb., \$65,352 total; delivered.

Minneapolis - Moline Power Implement Co., \$668 lb.; \$60,520; shipped on Govt. bill of lading from Minneapolis.

Mt. Vernon Bridge Co., \$678 lb.; \$63,420 total; delivered.

## BIDS OPENED

**BERKELEY**—East Bay Transit Co., 2129 Grove St., Oakland, at \$11 per day, net, submitted only bid received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

**BID NO. 3655**—One motor passenger bus, seating capacity of not less than 38 seated and 20 standing passengers; f.o.b. Spruce and Vassar Sts., Berkeley.

**BID NO. 3654**—One motor passenger bus, seating capacity of not less than 38 seated and 20 standing passengers; f.o.b. Spruce and Vassar Sts., Berkeley.

## CONTRACT AWARDED

**GRAND COULEE DAM**, Wash.—George B. Lambert & Co., Chicago, at \$55,867.61, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 886-D, for furnishing

pipe, fittings, valves, and appurtenances for the bypass drain, and air-inlet piping for the paradox and ring-follower gates at the Grand Coulee Dam, Columbia Basin Project, Washington.

## CONTRACTS AWARDED

**LOS ANGELES**, Calif.—Contracts for furnishing electrical equipment were awarded by the Los Angeles Water and Power Commission, April 1 as follows:

Spec. No. 2242—General Cable Corp. for furnishing insulated cable at \$797,290. The bids were opened March 26th.

Spec. No. 2235—Kelman Electric & Mfg. Co., oil circuit breakers at \$2390.

Spec. No. 2236—Kelman Electric & Mfg. Co., oil circuit breakers at \$7445.

## CONTRACT AWARDED

**OAKLAND**—Steel Tank & Pipe Co., 1100 Fourth St., Berkeley, at \$9,198 for furnishing pipe, and the American Cast Iron Pipe Co., Sharon, Pa., San Francisco, at \$1,710 for cement lining of pipe, awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. L.S. 192, for furnishing 1,800 lf. 36-in. diam. electric welded sheet steel pipe, and for the cement lining of the pipe.

## LOW BIDDERS

**PARKER DAM PROJECT**—California Portland Cement Co., Riverside Cement Co., Southwestern Portland Cement Co., and Monolith Portland Cement Co. submitted a combination bid to the Bureau of Reclamation, Denver, Colo., March 30, at \$1.49 per bbl. f.o.b. their respective shipping points, for furnishing 200,000 bbls. low-heat portland cement for Parker Dam. Spec. 899-D.

## BIDS OPENED

**BOULDER PROJECT**, Nev.—Bids for furnishing two welded plate steel cylindrical bulkheads for relief valves of turbines at Boulder Power Plant were opened by the Bureau of Reclamation, Denver, March 26, under Spec. No. 892-D. The bids were:

EmSCO Derrick & Equipment Co., Los Angeles, \$5,520; fob Los Angeles; net.

John W. Beam, Denver, \$9,900; fob Chicago; 1/2% discount.

S. Morgan Smith, York, Pa., \$13,365; fob York; net.

## BIDS OPENED

**OAKLAND**—Utilities Supply Co., 1687 Atlantic, Oakland, at \$5,500, submitted low bid to the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 861, for furnishing 50,000 lf. 1/2-in. copper water service tubing.

Complete bids follow:  
Utilities Supply Co., \$8,500.  
American Radiator Co., \$9,229.50.

Identical bids at \$9,230 submitted by Meyer & Wirthingler, Ducommun Metals Corp., Moran Plumbing and Supply Co., Richmond Sanitary Co., Crinell Co. of the Pacific, Mueller Co., American Brass & Copper Co., Tav-Holbrook Co., Walworth-California Co., Crane Company, Oakland Plumbing and Supply Co., and C. W. Marwedel.

## CONTRACT AWARDED

**OAKLAND**—Bunker Hill & Sullivan Mining & Concentration Co., Crocker Bldg., San Francisco, at \$7,050 awarded contract by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 860, for furnishing 50 tons of pig lead.

Identical bids at \$7,050 were submitted by Bunker Hill & Sullivan and the Federated Metals Corp.

## BIDS OPENED

**OAKLAND**—U. S. Pipe & Foundry

Co., Monadnock Bldg., San Francisco, at \$29,340, submitted low bid to the East Bay Municipal Utility District, Oakland, under Spec. No. 194, for furnishing:

- (1) 20,000 lf. 6-in. diam. Class 150, cast-iron pipe;
- (2) 8,000 lf. 8-in. diam. Class 250, cast-iron pipe;
- (3) 1,000 lf. 20-in. diam. Class B cast-iron pipe.

Complete bids follow:

U. S. Pipe & Foundry Co. (1) \$14,450; (2) \$9,920; (3) \$4,870; total, \$29,340; alternate bid on item 3, \$4,910.

American Cast Iron Pipe Co.—(1) \$14,900; (2) \$9,908; (3) \$4,925; total, \$29,633.

Pacific States Cast Iron Pipe Co.—(1) \$15,200; (2) \$10,000; (3) no bid.

## BIDS OPENED

**SACRAMENTO**—Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-27-188, for furnishing Douglas fir lumber, clear pine, oak, and lathing:

Woodland Lumber Co., Woodland—\$526.93; delivery in 5 days; discount, 2% 20 days.

Sierra Mill & Lumber Co., Sacramento—\$153; delivery in 7 days; discount, 2% 30 days.

Noah Adams Lumber Co., Walnut Grove—\$420.53; discount, 2% 10 days.  
Diamond Match Co., Chico—\$487; delivery, 5 to 8 weeks; discount, 2% 10 days.

Stockton Lumber Co., Stockton—\$434.17; delivery, 3 to 4 days; discount, 2% 30 days.

U. B. Hoop, San Francisco—\$103.10 (partial bid, item 5 only); delivery, 10 days; discount, 2% 30 days.

All bids for delivery f.o.b. Rio Vista.

## BIDS OPENED

**KNIGHTS LANDING**, Yolo Co., Calif.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation 47760, Reg. E239102, for furnishing lumber for Knights Landing:

Jerry L. Hall Co., San Francisco—\$825.15; fob cars Knights Landing; delivery in 4 weeks; discount, 2% 20 days.

Grenfill Lumber Co.—\$813.42, plus tax; net; if 24-ft. length required, add \$54.50 which includes tax; delivery 30 to 45 days; discount, 2% 30 days.

Diamond Match Co.—\$825.23, plus tax; delivery 30 to 45 days; net.  
U. B. Hoop, Knights Landing—\$880.97, plus tax; delivered to job; one week acceptance; delivery in 2 weeks; net.

Woodland Lumber Co.—\$887.50, including drayage; plus tax; delivery 20 days; net.

Oak Park Lumber Co.—\$864; plus tax; delivery 30 to 45 days; discount 2% 30 days.

Superior Lumber and Fuel Co.—\$910, plus tax; delivery, two weeks; 2% 10 prog.

Dolan Bldg. Materials—\$934.30, plus tax; delivery, 14 days; discount, 2% 10 prog.

Sierra Mill & Lumber Co.—\$936, plus tax; delivery, 7 to 10 days; discount, 2% 10 prog.

Burnett & Sons—\$938.50, plus tax; delivery in 14 days; discount, 2% 10 prog.

## CONTRACT AWARDED

**SAN DIEGO**—Bids for furnishing a generating plant for the Navy base at San Clemente Island, Spec. 2802, were opened by the Naval Supply Officer, San Diego, March 31. The bids were:

Kohler Co.—\$2007; net.  
Butane, Ltd.—\$2178; net.

Westinghouse Electric & Mfg. Co.—\$2545; alternates, \$2562, \$2555, \$2445, \$2495; terms, net.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	36—Reservoirs and Dams
22—Dredging, Harbor Works, Excav.	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Equipment
24—St. Light. Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Railroads	35—Tunnels
27—Fire Alarm Sys.	
28—Fire Equipment	
29—Streets & Highways	

## 21— BRIDGES

## LOW BIDDERS

SAN DIEGO CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$15,315, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for the construction of a crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near Solana Beach, San Diego County, consisting of a reinforced concrete bridge and grading approximately 0.1 mile of roadway and applying plant-mixed surfacing.

The three low bids follow:  
 Griffith Co., L. A. .... \$15,315.00  
 B. G. Carroll, San Diego, ..... 16,108.00  
 F. O. Bennett, Campbell, ..... 16,799.10  
 Complete bids will be published shortly.

## LOW BIDDERS

MOHAVE COUNTY, Ariz.—Lee Moor Constr. Co., Bassett Tower Bldg., El Paso, Texas, at \$18,672 submitted low bid to the Arizona State Highway Commission, Phoenix, (alternate bid, \$18,067) for construction of 3 timber bridges on the Kingman-Boulder Dam highway, NRH 123, AFE 9301.

The work, which is at three bridge sites located within a distance of about two miles, the center of which is about 15 miles northwest of Kingman, consists of the construction of three timber bridges, and is to be completed on or before August 15, 1937.

The items and approximate quantities are:

1,000 cu. structural excav;
53 cu. Class B concrete;
121 MBM treated timber;
7 MBM untreated timber;
1,355 cu. treated timber piles (furnishing and delivering);
126 each placing piles in framed bents;
8 each water barrels;
834 sq. yds. furnishing and placing oil mix (CIP except road oil);
1,835 gals. SC-2 road oil;
ALT. Item: 134 MBM redwood timber.

T. S. O'Connell, State Highway Engineer.

The next two low bids were:  
 Lewis Bros., Phoenix, \$18,857; no alternate bid.  
 Pearson & Dickerson, Tempe, \$21,571; no alternate bid.

## PLANS COMPLETED

LOS ANGELES, Cal.—City Bridge Engineer E. W. Stewart, Room 637, City Hall, has completed plans for construction of a grade separation structure and appurtenant work in Vignes St. between Alhambra Ave. and 130 ft. north of Bauchet St., in Bauchet St. from Date St. to Avila

St., and in Avila St. from Bauchet St. to a point 150 ft. south; and sewer and storm drain work Union Passengers Terminal Station, PWA Project 4561, Unit 1.

- The work involves:
- (1) 3,515 c.y. "F" concrete, exclusive of the concrete in sewers, storm drains or street works;
  - (2) 100 c.y. "G" concrete, do;
  - (3) lump sum, reinf. steel (1,002,270 lbs.) exclusive of steel in sewers, etc.;
  - (4) lump sum, ornamental concrete (57 c.y.) (only those members to be constructed of Class H concrete);
  - (5) lump sum, ornamental iron rail (32 l.f.) complete in place;
  - (6) lump sum, electric conduit system; plans P-7027 and P-7091;
  - (7) lump sum, lighting system complete in place (one stand; 10 soffit lights);
  - (8) 195 sq. yds. white glazed tile;
  - (9) lump sum, grading (22,646 c.y. cut; 1,347 c.y. fill);
  - (10) lump sum, storm drains, involving:
    - 194 l.f. 51-in. pipe;
    - 97 l.f. 36-in. pipe;
    - 547 l.f. 33-in. pipe;
    - 745 l.f. 30-in. pipe;
    - 63 l.f. 27-in. pipe;
    - 307 l.f. 24-in. pipe;
    - 356 l.f. 18-in. pipe;
    - 440 l.f. 12-in. pipe;
  - (11) lump sum, sanitary sewers, involving:
    - 1771.56 l.f. 8-in. vit. clay pipe;
    - 1097.99 l.f. cast iron pipe;
  - (12) 739 l.f. 6-in. house connection sewers;
  - (13) 59,449 sq. ft. asphalt. conc. pavement consisting of 6-in. concrete base and 2-in. asphaltic concrete wearing surface;
  - (14) 53,267 sq. ft. concrete pavement 8-inch, including local depressions and Class D resurfacing;
  - (15) 230 sq. ft. concrete pavement 6-in. thick;
  - (16) 15,008 sq. ft. rock and oil roadway, 4-in. thick;
  - (17) 326 sq. ft. "A" resurfacing;
  - (18) 154 sq. ft. "C" resurfacing;
  - (19) 1970 l.f. unplastered heavy class curb;
  - (20) 409 l.f. unplastered light class curb;
  - (21) 69 l.f. curb armor;
  - (22) 1,864 l.f. curb bar;
  - (23) 16,141 sq. ft. 3-in., one course sidewalk;
  - (24) 1,857 sq. ft. 8-in. comb. gutter;
  - (25) 1,185 sq. ft. 6-in. concrete gutter.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

SAN DIEGO, Cal.—Until April 13,

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento - California

11 A. M., bids will be received by quarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8426, for alterations and repairs to moorings at the 11th Naval District, Los Angeles Harbor, San Pedro.

The work consists in general of making repairs to buoys of two present moorings, and the lifting of eight existing moorings, and the laying of six moorings, where directed. All mooring materials will be furnished by the Government. Repairs consist in general of (a) the removal, the repairing, the painting and the repairing of present buoys of moorings "A1" and "A"; (b) the removal of the entire existing mooring "B" and the laying of a new mooring "B" to replace the one removed; (c) the removal of the entire existing mooring "D", the assembling of a new mooring, attaching removed ground chains and anchors of present mooring to new buoy, riser chains and ground chains and the laying of the new moorings; (d) the removal of two entire moorings "west target" and "east target", and the laying of new moorings made up of removed materials and new materials; (e) the removal of two moorings "east seaplane" and "west seaplane", and the laying of two new moorings; and (f) the removal only of the two present lighter moorings.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

## BIDS OPENED

FORT BAKER, Marin Co., Calif.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at \$1,190, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-230, for furnishing, driving, and removing six 90-ft. timber piles and four 75-ft. timber piles, and making 12 jet borings, in the vicinity of the Quartermaster Wharf at Fort Baker.

Complete bids follow:  
 Healy-Tibbitts Constr. Co., San Francisco ..... \$1,190  
 M. B. McGowan, Inc., S. F. (bid disqualified) ..... 1,278  
 Ben C. Gerwick, S. F. .... 1,640  
 Duncanson Harrelson Co., S. F. 1,910

## 23— CANALS

## BONDS WOTED

FALLBROOK—A \$500,000 bond issue of the Fallbrook Irrigation District to finance the development of a more adequate water supply for the district carried at the election March 31 by 305 to 23. Plans proposed contemplate a construction cost of \$76,023, the balance to be provided by a PWA grant.

April 7, 1937

## CONTRACT AWARDED

BOISE PROJECT, Idaho.—J. A. Terteling & Sons, Box 3406, Boise, at \$184,007 awarded contract by the Bureau of Reclamation, R. J. Newell, Construction Engineer, Boise, under Spec. No. 721, for the construction of earthwork, canal lining and structures, Black Canyon Station 752 plus 80 to Station 1250 plus 09, Payette Division, Boise Project, Idaho.

## BIDS WANTED

OWYHEE PROJECT, Ircon-Idaho—Until April 21, 10 a. m., bids will be received by the Bureau of Reclamation, R. J. Newell, Construction Engineer, Boise, under Spec. No. 908-D.

for the construction of earthwork, South canal laterals, Succor Creek Division, Owyhee Project.

The work is located near Adrian, Oregon, and Hometown, Idaho, and the principal items of work involved are:

- (1) 81,000 c.y. excav. for laterals, Class 1;
- (2) 26,700 c.y. excav. for laterals, Class 2;
- (3) 300 c.y. excav. for laterals, Class 3;
- (4) 1,000 sta. c.y. overhaul.

Work shall be commenced within 30 calendar days and completed within 10 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Boise, Idaho, or Denver, Colo., without charge to pre-returned.

## 24—STREET LIGHTING

### CONTRACT AWARDED

LOS ANGELES, Cal.—H. O. Bauerle, 9852 Ellis Ave., Culver City, was awarded the contract by the Los Angeles board of public works Mar. 31, at \$52,486, for installation of an ornamental lighting system in Van Nuys Blvd., between Van Owen St. and Bessemer St., involving 73 Marbelite standards.

## 25—MACHINERY AND EQUIPMENT

### Bids Opened

YAKIMA PROJECT, Wash.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 893-D, for furnishing five 50,000 lb. capacity motor-driven, radial-gate hoists for installation in the spillway at the Cle Elum Dam, Yakima Project:

- John W. Beam, Denver: \$21,975; f.o.b. Denver, ½% discount.
- Valley Iron Works, Yakima: \$1,200; f.o.b. Yakima, 3% discount.
- Lake Shore Eng. Works, Marquette Mich.: \$23,263; 1% discount.
- Thomas Spacing Mach. Co., Pittsburgh: \$21,000; f.o.b. Glenshaw, Pa.; ¼% discount.
- Lakeside Bridge & Steel Co., Milwaukee: \$16,787; f.o.b. Milwaukee; net.
- Commercial Iron Works, Portland: \$11,968; f.o.b. Portland; ¼% disc.
- Western Foundry Co., Portland: \$16,942; f.o.b. Portland; net.

### BIDS OPENED

RIO GRANDE PROJECT, N. M.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 895-D, for furnishing two 50 ft. by 21 ft. radial gates for installation in the spillway of the Caballo Dam, Rio Grande Project, New Mexico-Texas:

- Lakeside Bridge & Steel Co., Milwaukee: \$24,442; f.o.b. Hatch, N. M.; net.
- Dravo Corp., Pittsburgh: \$18,980; f.o.b. Neville Island; net.
- Consolidated Steel Corp., Los Angeles: \$18,620; f.o.b. Los Angeles; net.
- John W. Beam, Denver: \$18,000; f.o.b. Chicago; ¼% discount.
- Berkeley Steel Constr. Co., Inc., Berkeley: \$19,260; f.o.b. Berkeley; ¼% discount.
- Bethlehem Steel Co., Chicago: \$22,500; f.o.b. Chicago; net.
- American Bridge Co., Denver: \$21,761; f.o.b. Abridge; net.

### BIDS OPENED

OWYHEE PROJECT, Oregon-Idaho.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 891-D, for furnishing 3 motor-driven, vertical-shaft, single-station, centrifugal pumping units, each having a capacity of 74 second-

feet when operating under a total dynamic head of 50 feet, for installation in the Owyhee Ditch pumping plant, Owyhee Project.

Morris Machine Works, Baldwinville, N. Y.: \$28,011; weight, 34,300 lbs.; f.o.b. Baldwinville; delivery 180 days; net.

Worthington Pump & Machinery Co., Denver: \$39,200; weight, 137,100 lbs.; f.o.b. Dunaway, Ore. delivery, 180 days; net.

Union Iron Works, Oakland: \$39,198; weight, 156,000 lbs.; f.o.b. Oakland; delivery, 180 days; net.

Byron Jackson Co., Berkeley: \$43,611; weight, 72,000 lbs.; f.o.b. Dunaway; delivery, 180 days; net.

Fairbanks Morse Co., Kansas City, Mo.: \$42,500; weight, 135,800 lbs.; f.o.b. shipping points; delivery 175 days; net.

Allis-Chalmers Mfg. Co., Milwaukee: \$58,750; weight, 115,000 lbs.; f.o.b. Milwaukee; delivery, 310 days; net.

### BIDS OPENED

BURNT RIVER PROJECT, Ore.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 900-D, for furnishing two 2-ft. 9-in. by 2-ft. 9-in. high-pressure gate assemblies and pier noses for installation in the outlet works of the Unity Dam, Burnt River Project, Oregon:

- Joanna Hendy Iron Works, San Francisco: \$13,079; f.o.b. Sunnyvale; net.
- Western Foundry Co., Portland: \$13,190; f.o.b. Portland; net.
- General Iron & Steel Works, Portland: \$14,635; f.o.b. Portland; net.
- York Safe & Lock Co., York, Pa.: \$20,910; f.o.b. York; net.
- Koppers Co. (Western Gas Div.), Fort Wayne, Ind.: \$16,359; f.o.b. Fort Wayne; 1% discount.
- Commercial Iron Works, Portland: \$11,840; f.o.b. Portland; ¼% discount.
- Consolidated Steel Corp., Ltd., Los Angeles: \$13,733; f.o.b. Los Angeles; net.

### BIDS OPENED

CENTRAL VALLEY PROJECT, Calif.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 894-D, for furnishing liquid petroleum gas storage and gasifying equipment, pipe and fittings for piping the gas to the buildings and residences, gas meters, storage-water heaters, and fuel for a liquid petroleum gas plant to serve the residences and buildings in the Government camp at the Friant Dam, Central Valley Project:

- Parhill-Wade, Inc., Los Angeles—Sch. 1, \$7,338.24; Sch. 2, no bid; f.o.b. Los Angeles; delivery in 60 days; net.
- B. Ransome, Emeryville—Sch. 1, \$1,930; Sch. 2, \$1,690; f.o.b. San Francisco Bay Area; delivery in 60 days; net.
- American Liquid Gas Corp., Los Angeles—Sch. 1, \$8,220.60; Sch. 2, \$1,731.40; f.o.b. Los Angeles; delivery in 30 days; 2% discount.
- Scott Co., San Francisco—Sch. 1, no bid; Sch. 2, \$1,524.35; f.o.b. Los Angeles; delivery in 10 days; net.
- H. R. Basford Co., San Francisco—Sch. 1, no bid; Sch. 2, \$143.25; f.o.b. San Francisco; delivery in 60 days; 2% discount.
- Pacific Gas Radiator Co., Los Angeles—Sch. 1, no bid; Sch. 2, \$2,719.40; f.o.b. Los Angeles; delivery in 60 days; 2% discount.
- Grinnell Co. of the Pacific, Los Angeles—Sch. 1, no bid; Sch. 2, \$1,408.87; f.o.b. Friant; delivery in 7 days; 2% discount.

### CONTRACT AWARDED

SALT RIVER and Parker Dam Projects.—American Bridge Co., Denver, at \$532,412 fob Abridge, Pa.

awarded contract by the Bureau of Reclamation, Denver, under Specifications No. 722, for furnishing regulating gates for spillways at Bartlett, Mormon Flat and Parker Dams.

### BIDS OPENED

CARLSBAD PROJECT, New Mexico.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 901-D, for furnishing stairways, walkways, and miscellaneous metalwork for installation in the spillway and outlet works of the Alamogordo Dam, Carlsbad Project, N. M. as follows:

- (1) Fabricated structural steel; (2) Gratings and treads; (3) Pipe and fittings.
- John W. Beam, Denver—(1) \$1,350; (2) \$1,000; f.o.b. Peotone, Ill.; (3) \$985; f.o.b. Chicago; ¼% discount.
- Progressive Iron Works, Inc., Los Angeles—(1) \$2,411; (2) \$818; (3) \$1,520; (1, 2 & 3) \$4,498; f.o.b. Fort Sumner, N. M.; ¼% discount.
- Relliance Steel Products Co., Rankin, Pa.—(2) \$942.95; f.o.b. Rankin; ½% discount.

Midwest Steel & Iron Works, Denver—(1) \$1,554; (3) \$1,640; f.o.b. Denver; (2) \$800; f.o.b. Kansas City; ¼% discount.

B. Katchen Iron Works, Irvington, N. J.—(1) \$1,969; (2) \$825; f.o.b. Fort Sumner; ¼% discount.

Hansel Elcock Co., Chicago—(1) \$1,202; (2) \$905; (3) \$1,039; f.o.b. Chicago; ¼% discount.

Omaha Steel Works, Omaha—(2) \$700; f.o.b. Kansas City, Mo.; ¼% discount.

Hendrick Mfg. Co., Carbondale, Pa.—(2) \$918; f.o.b. Fort Sumner; 1% discount.

Blaw Knox Co., Pittsburgh—(2) \$873.33; f.o.b. Fort Sumner; 1% discount.

Fabriform Steel Products Co., Bell, Cal.—(1) \$518.85; f.o.b. Fort Sumner; 1% discount.

Duffin Iron Co., Chicago—(1) \$1,150; f.o.b. Chicago; net.

Wilber F. Kemp Co., Chicago—(2) \$912; 1% discount.

Virginia Bridge Co., Roanoke—(1) \$1,912; (3) \$1,845; f.o.b. Birmingham; net.

American Bridge Co., Denver—(1) \$858; (2) \$1,204; (3) \$1,468; (1, 2 & 3) \$4,500; f.o.b. Denver, Ind.; net.

Berkeley Steel Constr. Co., Berkeley—(1) \$1,952; f.o.b. Berkeley; ¼% discount.

Dravo Corp., Pittsburgh—(2) \$859; f.o.b. Fort Sumner; 1% discount.

Richmond & Kemp, Philadelphia—(1) \$1,937; (2) \$958; (3) \$1,860; f.o.b. Fort Sumner; net.

Walter Bates Co., Inc., Chicago—(2) \$1819.93; f.o.b. Chicago; ¼% discount.

### BIDS OPENED

SAN FRANCISCO.—Guerrin Bros., 2130 S. Van Ness, San Francisco, at \$35.00 per hour, submitted low bid to the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3664, for the rental of one roller, 2-wheel, not less than 10 tons, nor more than 12 tons, f.o.b. Vicente Park, 27th Ave. and Vicente St., San Francisco, for use on WPA project.

- Complete bids follow:
- Guerrin Bros. \$35.00
- Lee J. Immel, Berkeley \$3.70
- Fay Improvement Co., S. F. 3.80
- Eaton & Smith, S. F. 4.00
- P. B. Hackley Equip. Co., S. F. 4.23
- Chas. L. Harney, S. F. 4.74
- All bids net.

## 26—RAILROADS

### CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—J. H. Montgomery, Inc., Room 408, 333 Montgomery St., San Francisco, at \$538,960 awarded contract by State Department of Public Works, San

Francisco-Oakland Bay Bridge Division, C. H. Purcell, Chief Engineer, for the construction of the East Bay Yard superstructure of the railway facilities of the San Francisco-Oakland Bay Bridge, in Alameda County.

**28— FIRE EQUIPMENT**

**BIDS WANTED**

OAKLAND, Alameda Co., Calif.—Until April 12, 3:30 p.m., bids will be received by the Board of Port Commissioners of the City of Oakland, A. H. Abel, Secretary, Room 73, Grove Street Pier, for furnishing one emergency fire truck. Specifications obtainable from above office without charge to prospective bidders. \* 28

**29— STREETS AND HIGHWAYS**

**QUANTITIES LISTED**

TUCSON, Ariz.—The approximate quantities for the improvement of Helen-Mable Sts. district paving improvement for which bids will be received by the Tucson city council at 4 P. M., April 5 (previously noted) are:

- ALTERNATE A**
- (1) 77,792 sq. ft. 2-in. cutback asphalt pavement;
  - (2) 82,475 cu. yds. subgrade;
  - (3) 28 each manhole tops reset;
  - (4) 2 each flush tank tops reset;
  - (5) 26 each lampole tops reset;
  - (6) 16 each survey monuments reset;
  - (7) 4080 lf. house connection sewers;
  - (8) 1242 c.y. excav. for H C sewers;
  - (9) 200 lf. driveway repair;
  - (10) 7971 lf. 3/4-in. copper pipe water service connections;
  - (11) 357 each 3/4-in. corporation stops and swivel connections;
  - (12) 2 each 3/4-in. curb stops and swivel connections;
  - (13) 42 lf. 1-in. copper pipe water service connection;
  - (14) 2 each 1-in. corporation stops and swivel connections;
  - (15) 2 each 1-in. curb stops and swivel connections;
  - (16) 222 sq. yds. rough grading;
  - (17) 8554 sq. ft. 5x24-in. cem. conc. valley gutter;
  - (18) 32,583 lf. 5x12-in. cem. concrete curb.

- ALTERNATE B**
- (1) 82,475 sq. yds. 3-in. asphalt conc. paving;
  - (2) 82,475 sq. yds. subgrade;
  - (3) 18 each manhole tops reset;
  - (4) 2 each flush tank tops reset;
  - (5) 26 each lampole tops reset;
  - (6) 16 each survey monuments reset;
  - (7) 4080 lf. house connection sewers;
  - (8) 1242 c.y. excav. for M C sewers;
  - (9) 200 lf. driveway repair;
  - (10) 7971 lf. 3/4-in. copper pipe water service connections;
  - (11) 357 each 3/4-in. corporation stops and swivel connections;
  - (12) 357 each 3/4-in. curb stops and swivel connections;
  - (13) 42 lf. 1-in. copper pipe water service connections;
  - (14) 2 each 1-in. corporation stops and swivel connections;
  - (15) 2 each 1-inch curb stops and swivel connections;
  - (16) 222 sq. yds. rough grade;
  - (17) 785 sq. yds. repaving.
- Gen. W. Seeley, Tucson, is the city engineer.

**BIDS OPENED**

OAKLAND, Alameda Co., Calif.—Independent Construction Co., Ltd., 409 1/2 and Clement St., Oakland, at \$17,288.90 submitted low bid to the Oakland City Council, W. W.

Chappell, City Clerk, City Hall, for the improvement of portions of San Leandro Street between 9th Ave. and the southeasterly boundary of the City of Oakland.

- The work involves:
- (1) 3,290 cu. y. excavation;
  - (2) 3,364 tons stabilization base;
  - (3) 802 lf. concrete curb, 6-in. base;
  - (4) 843 lf. concrete curb, 12-in. base;
  - (5) 1,658 sq. ft. concrete gutter;
  - (6) 1,106 tons asphaltic concrete;
  - (7) 4,521 sq. ft. cement sidewalks.
- Total bids follow:
- (A) Independent Constr. Co., Ltd., Oakland, \$17,288.90
  - (B) Healey-Moore Co., Oakland, 17,490.32
  - (C) Lee J. Immel, Berkeley, 19,508.50

Unit	(A)	(B)	(C)
(1) Excavation	\$0.50	\$0.65	\$0.70
(2) Stabilization	2.55	2.45	2.90
(3) Concrete curb, 6-in.	.40	.70	.60
(4) Concrete curb, 12-in.	.75	1.00	.70
(5) Concrete gutter	.25	.27	.30
(6) Asphaltic concrete	4.52	4.10	4.50
(7) Cement sidewalks	13	16	20

WALTER FRICKSTAD, City Engineer.

**BIDS WANTED**  
SAN FRANCISCO—Until April 21 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,026, for the reconstruction of the northeast corner of Polk and Fell Streets. Estimated cost, \$2,835.

- The work involves:
- (1) 60 lf. granite curb redressed & reset;
  - (2) 80 lf. new granite curb, circular;
  - (3) 1 brick catchbasin, comp. with existing casting;
  - (4) 1 catchbasin capped with manhole frame and cover;
  - (5) 25 10-in. VCP culvert;
  - (6) 3 street and traffic signs reset;
  - (7) 2 electric pedestrian traffic signals relocated;
  - (8) 1 fire alarm box relocated;
  - (9) 1540 sq. ft. asphalt - concrete pavement consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;
  - (10) 65 tons asphaltic concrete conform pavement;
  - (11) 45 center line traffic markers removed and reset;
  - (12) 1500 sq. ft. 4-inch white lacquer traffic lines;
  - (13) 50 furnishing and installing new cross-walk markers;
  - (14) 15 furnishing and installing new center line traffic markers;
  - (15) 1000 sq. ft. 2-course concrete sidewalk;
  - (16) 1 traffic island complete with beacon;
  - (17) 410 lf. excavation for street car rail removal and replacement with pavement;
  - (18) 1 concrete curb inlet.
- Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00

**CONTRACT AWARDED**  
FRESNO & TULARE COS., Cal.—Ralph A. Bell, Sherlock Building, Portland, at \$366,191.20 awarded the contract by the Bureau of Public Roads, C. H. Sweeter, District Engineer, San Francisco, for grading 3.98 miles of Section A of the Fresno-General Grant Approach Road, Sequoia National Forest, Fresno and Tulare Counties.

**CONTRACT AWARDED**  
SANTA ROSA, Sonoma Co., Calif.—Pacific States Constr. Co., 705 Cal. Bldg., San Francisco, at \$21,958.10, submitted low bid and awarded contract by the Santa Rosa City Contractor, Neil V. Donovan, City Clerk City Hall, for widening, grading, paving and otherwise improving Fourth St.

between A Street and E Street, about 0.2 mile in length.

- The work involves:
- (1) 850 cu. roadway excav.;
  - (2) 650 cu. imported borrow;
  - (3) 2,000 sq. yds. pavement removal;
  - (4) 6,695 sq. yds. pavement planing;
  - (5) 995 tons asphaltic concrete surface, type A;
  - (6) 755 cu. Class A portland cement concrete;
  - (7) 400 cu. curb, gutter and sidewalk re-convey;
  - (8) 6 tons emulsified asphalt;
  - (9) 6 each, cast-iron catch basins.

Total bids follow:

- (A) Pacific States Constr. Co., S. F., \$21,958.10
- (B) A. G. Raich, S. F., 22,591.35
- (C) Albert Helwig, Sebastopol, 22,808.55
- (D) J. V. Galbraith and D. A. Canevari, Santa Rosa, 24,165.20

Unit bids follow:

	(A)	(B)	(C)	(D)
(1) Excav.	\$0.60	\$1.00	\$0.60	\$0.40
(2) Borrow	1.55	1.00	1.50	2.06
(3) Pavement	.70	.30	.70	.55
(4) Planing	.08	.13	.14	.16
(5) Asphalt	6.25	5.80	6.50	7.00
(6) Concrete	13.75	16.00	14.25	15.68
(7) Re-convey	3.00	3.50	3.00	2.60
(8) Asphalt	27.50	25.00	25.00	38.50
(9) Catch basins	90.00	70.00	75.00	80.00

J. B. PIATT, City Engineer.

**BIDS REJECTED**  
LOS ANGELES, Cal.—The Los Angeles board of public works rejected all bids received for grading, paving and otherwise improving Crenshaw Blvd. bet. Westmount Ave. and 700 ft. southerly, a cash contract. New specifications will be prepared and a new call for bids will be issued. Tamei Const. Co., submitted the low bid at \$12,228.25.

**LOW BIDDERS**  
BURNT RIVER PROJ., Oregon—George B. Henly Const. Co., Nyssa, Oregon, at \$28,737 submitted low bid to the Bureau of Reclamation, Unity, Oregon, Clyde H. Spencer, Construction Engineer, for construction of a relocated state highway at the Unity Reservoir, Burnt River Proj., Ore. The work is located 40 miles southwest of Baker, Ore.

- The principal items of work and the estimated quantities involved are as follows:
- (1) 62,000 cu y. excav. for road;
  - (2) 6,000 cu y. excav. for river channel;
  - (3) 250 cu y. excav. for struts;
  - (4) 60,000 sq. cu. overhaul;
  - (5) 100 cu y. backfill;
  - (6) 350 cu y. riprap;
  - (7) 165 cu y. concrete;
  - (8) Placing 2000 lbs. reinforcement bars and wire;
  - (9) Laying 400 lf. 18-in. to 54-in. diam. CMP;
  - (10) Erecting 12 MFMB of timber in bridge;
  - (11) Erecting 15,000 lbs. of metalwork in bridge;
  - (12) Placing 4450 cu y. of highway surfacing;
  - (13) Dismantling and salvaging existing highway bridge.
- Spec. No. 500-D.
- The next two low bids were:
- Schmidt Const. Co., \$41,162
  - J. A. Terelling & Sons, Boise 41,214

**NOTICE TO BIDDERS**  
STATE OF CALIFORNIA, C. H. Purcell, State Highway Engineer, has announced the cost of blue-ink prints for the state highway work now advertised, for which bids will be opened in Sacramento, April 22, 2 P. M.

A blue-ink print of the plans of the State Highway work will be furnished free with the special provisions. Blue prints of the layout and the bridge

detail sheet will be furnished at cost and become the property of the purchaser.

The cost of the sheets follows:  
V-S-B-2-J, between Miramar Ave. and Olive Mill Road: PLANS (No. of Sheets) 14; (Cost) \$140; CROSS-SECTIONS (No. of Sheets) 9; (Cost) \$90. (Total) \$230.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

#### BIDS WANTED

**STATE OF WASHINGTON**—Until April 20, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

**Snohomish County**—Paving with Portland cement concrete on about 42 miles of State Road No. 1, Island School North, Snohomish County, involving about 12,450 cubic yards of excavation, 9,220 cubic yards of selected roadway base, 25,466 square yards of cement concrete pavement, 68,450 pounds of pavement reinforcing, 1,533 linear feet of cable guard rail. See No. 6, 112 linear feet of Tutthill guard rail, 909 linear feet of pipe culverts and other items.

**King County**—Paving with Portland cement concrete on about 3.6 miles of State Road No. 2, Section 1, Lower Crossing of South Fork of Snoqualmie River to North Bend; Section 2, Snoqualmie River Bridge Approaches near Snoqualmie, and Section 3, Preston to Fall City, Pavement Replacements, King County, involving about 15 acres of clearing, 9 acres of grubbing, 70,680 cubic yards of excavation, 68,640 square yards of portland cement concrete pavement, 56,020 pounds of pavement reinforcing, 9,955 linear feet of cable guard rail Design No. 6, 2,597 linear feet of pipe culverts and other items.

**King County**—Constructing a steel plate girder bridge with reinforced concrete approach spans and paving with Portland cement concrete on about 0.2 mile of State Road No. 2, Bridge across south fork of Snoqualmie River at North Bend, King County, involving about 340 cubic yards of excavation, 84 square yards of cement concrete pavement, 825 cubic yards of concrete, 165,000 pounds of steel reinforcing bars, 160,000 lbs. of structural steel, 3,400 linear feet of precast concrete piling, 720 linear feet of untreated timber piling, 33 MFMB of timber and lumber untreated, and other items.

**Spokane County**—Paving with Portland cement concrete on about 0.7 mile of State Road No. 2, Spokane West, Spokane County, involving about 2,280 cubic yards of excavation, 7,467 square yards of Portland cement concrete pavement, and other items.

**Okanogan and Ferry Counties**—Surfacing with crushed stone on about 22.5 miles and constructing a bituminous surface treatment road "mix Class B" on about 21.0 miles of State Road No. 1, Waucounea Summit to Columbia River, Okanogan and Ferry Counties, involving about 3,880 cubic yards of ballast, 39,610 cubic yards of crushed stone surfacing, 10,720 cubic yards of mineral aggregates (soil rock), 1,491 tons of bituminous cement, and other items.

**Pend Oreille County**—Surfacing with crushed stone, manufacturing and stockpiling mineral aggregate and constructing a light bituminous surface treatment on about 200 mi of State Road No. 6, Section 1, McCleod Creek to Blueside; Section 2, Metairie Falls to Line Bend. Pend Oreille County, involving about 29,390 cubic yards of crushed stone surfac-

ing, 9,250 cubic yards of mineral aggregate, 735 tons of bituminous cement and other items.

**Grant County**—Surfacing with crushed stone and constructing a Bituminous Surface Treatment by the road mix method on about 0.4 miles and stockpiling mineral aggregate (soil rock) on about 37.1 miles of State Road No. 7, Ephrata to Grant-Lincoln County Line, Grant County, involving about 9,120 cubic yards of crushed stone, 8,390 cubic yards of crushed stone, 1,270 cubic yards of mineral aggregates, 447 tons of bituminous cement and other items.

Plans and specifications obtainable from the above office upon deposit of \$2 per set.

#### CONTRACT AWARDED

**SIERRA CO., Calif.**—Hemstreet & Bell, 501 11th St., P.O. Box 550, Merrillville, at \$131,360, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.9 miles grading, surfacing with selected material and applying penetration oil treatment in Sierra County between Goodyear's Bar and Downville.

#### CONTRACT AWARDED

**ANAHEIM, Los Angeles Co., Calif.**—C. O. Sparks, 2309 E. 9th St., Los Angeles, awarded contract by Anaheim city council, at \$9,334, for paving Santa Ana St., between Citrus and Manchester aves., involving 3000 tons asphaltic concrete and 1400 sq. yds. asphaltic paint binder.

#### CONTRACTS AWARDED

**STATE OF WASHINGTON**—Bids for highway construction were opened by L. V. Murrow, Director of Highways, Olympia, March 30, and contracts awarded as follows:

**Lincoln County**—Surfacing with crushed stone and constructing light bituminous surface treatment and bituminous retreat surfacing on 6.8 miles of State Road No. 4, Junction State Road 2 to Keller Hill, involving about 5080 c.y. crushed stone surfacing, 2700 c.y. mineral aggregates, 180 tons bituminous cement, and other items.

Awarded: F. R. Hewett, 420 West 22nd Ave., Spokane, \$20,153.

**Douglas & Grant Cos.**: Manufacturing and stockpiling mineral aggregates on State Roads 7 and 10, Section 1, Vantage to Ephrata on State Road 7; Section 2, Wenatchee to Quincy, State Road 10. Involving about 19,370 c.y. mineral aggregates.

Awarded: M. E. Nelson Const. Co., Inc., Tonasket, Wash., \$24,000.  
**Lincoln Cos.**: Manufacturing and stockpiling crushed stone surfacing and mineral aggregate materials, constructing bituminous macadam Class D penetration on 18.1 miles of State Road 11, Cheney to Sprague, involving about 19,390 c.y. mineral aggregates, 1800 c.y. crushed stone surf. top course, shoulder material, 1611 tons of bituminous cement, and other items.

Awarded: C. D. Lyon & Co. and J. C. Compton, 225 Hutton Building, Spokane, \$92,317.40.

**Stevens County**—Surfacing with crushed stone, stockpiling mineral aggregates and constructing light bituminous surface treatment on 30.8 miles of State Road 22, Junction of State Road 3 to Northport, involving about 18,650 c.y. crushed stone surfacing, 6300 c.y. mineral aggregates, 760 tons of bituminous cement, 63 concrete cable guard rail posts design No. 5, and other items.

Awarded: F. Stewer, 420 West 22nd Ave., Spokane, \$60,881.80.

**Pierce County**—Paving with portland cement concrete and asphaltic concrete type I-1 and constructing timber, steel and concrete viaduct

on 0.6 mile of River St. Viaduct in Tacoma, involving about 2150 c.y. excavation, 7380 c.y. selected roadway borrow, 2925 sq. yds. cement concrete pavement, 210 tons asphaltic concrete pavement, 2825 c.y. concrete 559,530 lbs. steel reinforcing bars, 345,000 lbs. structural carbon steel, 377,000 lbs. structural silicon steel, 350 MFMB creosote and 12 MFMB zinc chloride treated timber and lumber, 31,500 treated and 9000 ft. of untreated piling, 534 ft. of guard rail Type 3, 125 ft. of pipe culvert, etc.

Awarded: Ramsey & Co., 3821 Airport Way, Seattle, \$239,404.35.

#### BIDS OPENED

**OAKLAND, Alameda Co., Calif.**—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$15,481.50, submitted low bid to the Oakland Port Commission, A. H. Abel, Secretary, for furnishing and placing 73,000 sq. ft. of concrete pavement at the Oakland Municipal Airport, between Hangars Nos. 4 and 5.

The work involves:

- (1) 1500 c.y. Portland cement concrete in place;
- (2) 36,000 pounds welded wire mesh;
- (3) 4500 pounds reinforcing steel.

Total bids follow:

(A) Lee J. Immel, Berkeley	\$15,481.50
(B) Nat. Lena, Oakland	16,597.50
(C) Fredrickson & Watson Const. Co., Oakland	17,244.00
(D) J. H. Fitzmaurice, Oakland	17,775.00
(E) Independent Constr. Co., Oakland	19,192.50
(F) Dudley DeVelbiss, Berkeley	21,387.75

Unit bids follow:

	(1)	(2)	(3)
(A)	\$8.65	\$0.064	\$0.045
(B)	9.25	0.07	0.45
(C)	4.50	0.84	0.6
(D)	9.99	0.07	.06
(E)	10.80	.075	.065
(F)	12.25	.0748	.0711

#### PLANNED

**PASADENA, Los Angeles Co., Cal.**—Harvey M. Hinks, city engineer of Pasadena, has estimated the cost of constructing the proposed Arroyo Road, between the south city limits at \$4,500,000. The proposition is being voted on at the municipal election April 1. The length is approximately 5.42 miles, or 28,600 ft. Hinks states that a ramp 2340 feet long will be necessary if a 6% grade is to be maintained on the drop from Walnut St. to the bed of the arroyo. The Walnut Street entrance will cost \$390,000 and the five other grade separations \$500,000. Paving, curbs and gutters, exclusive of grading, will cost \$501,562. Traffic tunnels and other structures and the grading will account for the balance of the estimated cost.

#### CONTRACT AWARDED

**GLENDALE, Los Angeles Co., Cal.**—E. L. Fleming, P.O. Box 109, Glendale, submitted low bid and awarded contract by the Glendale board of education, at 60c lf. for 775 lf. of cement concrete curb, 20c sq. ft. for cement concrete sidewalk, and 25c sq. ft. for cement concrete driveway. Edward Greig submitted the only other bid at 75c, 60c and 80c, respectively.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$16,064.49 submitted low bid to the Los Angeles Board of Public Works, City Hall, for grading, paving and otherwise improving Fresnoh Blvd. between Slauson Ave. and 60th St.

Total bids follow:

Southern Calif Roads Co.	\$16,064.49
Santo Tedesco	17,218.01

L. A. Paving Co.....	17,222.76
C. O. Sparks.....	17,251.21
Griffith Company.....	17,409.31
Geo. J. Bock Co.....	17,691.07
Caval Brothers.....	18,178.41
P. J. Akmadzich.....	18,651.99
Radich & Brown.....	18,902.64
Engineer's estimate.....	16,684.20

**PLANNED**  
**PHOENIX, Ariz.** — The Phoenix Sky Harbor airport runway will be rebuilt at a cost of \$95,000, present plans providing that work under a WPA project start April 5. Work will be done under the supervision of James Girard, City Engineer of Phoenix. The completed runway will be 4,500 feet long and 150 feet wide, extending east and west. A four-lane course of gravel base will be laid and this will be topped with a two-inch oil cake. The federal government is providing \$74,000, the city \$2,000 and the governor's relief fund, \$9,000.

**BONDS DEFEATED**  
**MARYSVILLE, Yuba County.**—A proposal to issue \$50,000 in bonds failed to receive the necessary two-thirds majority at the special election held March 30. The proceeds were to have been used to finance the paving of street intersections, constructing curbs and gutters, constructing sewers, manholes, construction of fire sprinkling system, fire alarm system, and water system, etc.

**BIDS WANTED**  
**SAN FRANCISCO.**—Until April 21 10 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 9,034, for the construction of concrete sidewalks on Anza street between Arguello Blvd. and Parker Ave. Est. cost, \$1,650.  
 Plans and specifications for two-course concrete sidewalk, 1100 sq. ft. of work. Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**BIDS WANTED**  
**SAN FRANCISCO.**—Until April 21 10 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 9,016, for the reconstruction and widening of Diamond St. between Murray and Sussex Streets. Estimated cost, \$4,525.  
 The work involves:  
 (1) 715 ft. stone curb reset;  
 (2) 55 ft. armored concrete curb, in place;  
 (3) 5 each brick catchbasins reset or reconstructed;  
 (4) 20 ft. 10-in. VCP culvert, in place;  
 (5) 60 ft. 6-in. VCP side sewer, in place;  
 (6) 123 sq. ft. 2-course conc. sidewalk;  
 (7) 225 sq. ft. asphalt conc. pavement consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surface;  
 (8) 10,650 sq. ft. 6-in. Class E concrete pavement.

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**SAN FRANCISCO—LYON STREET APPROACH.**—(City)  
**SAN FRANCISCO.**—Chas. L. Harlan, 413 Call Bldg., San Francisco, at 123.05, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18023, for the construction of the Marina Connection at Lyon Street for the Presidio approach to the Golden Gate Bridge.

- The work involves:  
 (1) 665 ft. armored concrete curb;  
 (2) 1 brick catchbasin, complete;  
 (3) 3 do existing gratings to be used;  
 (4) 2 storm water inlets, complete;  
 (5) 1 brick catchbasin with multiple curb inlet, complete;  
 (6) 2 standard manhole frame and cover installed on exist. catchbasin;  
 (7) 2 brick manholes, complete;  
 (8) 2 concrete curb inlet;  
 (9) 145 ft. 8-in. VCP sewer, in place;  
 (10) 245 ft. 6-in. " do;  
 (11) 110 ft. 10-in. VCP side sewer, in place;  
 (12) 2 street signs relocated;  
 (13) 850 ft. 1 1/2-in. black enameled conduit;  
 (14) 14,500 sq. ft. asphalt - concrete pave, consisting of a 6-in. Class E 5-sack concrete base and a 2-inch asphaltic concrete wearing surface;  
 (15) 650 sq. ft. remove asphaltic concrete pavement, consisting of a 4-in asphaltic concrete base & a 2-in. asphaltic concrete wearing surface;  
 (16) 1250 sq. ft. 8-in. Class E 5-sack concrete gutter;  
 (17) 100 tons asphaltic concrete base and leveling course;  
 (18) 250 tons asphalt concrete wearing surface;  
 (19) 2100 sq. ft. 2-course concrete sidewalk;  
 (20) 1450 ft. 4-in. white lacquer traffic lines.

Total bids follow:  
 (A) Charles L. Harney, S. F. \$9,133.05  
 (B) J. G. Raible, S. F. 9,138.00  
 (C) Sibbey Grading & Teaming Co., S. F. 9,182.20  
 (D) M. J. Lynch, S. F. 9,483.00  
 (E) Fay Improvement Co., S. F. 9,514.13

Unit bids follow:

(A)	(B)	(C)	(D)	(E)	
(1)	\$0.77	\$0.60	\$0.65	\$0.80	\$0.66
(2)	90.00	90.00	72.50	85.00	86.50
(3)	62.00	70.00	60.00	65.00	72.00
(4)	45.00	60.00	35.50	45.00	34.00
(5)	230.00	185.00	175.00	175.00	138.00
(6)	60.00	30.00	50.00	21.00	28.00
(7)	100.00	95.00	100.00	85.00	89.50
(8)	15.00	5.00	10.00	10.00	5.50
(9)	1.00	1.50	1.70	2.00	1.64
(10)	1.00	1.50	1.90	1.70	1.64
(11)	1.00	1.50	.95	1.20	1.00
(12)	7.50	1.50	7.50	2.00	2.75
(13)	.60	.70	.65	.70	1.05
(14)	.27	.27	.27	.285	.29
(15)	.15	.15	.10	.09	.078
(16)	.30	.30	.24	.32	.33
(17)	5.00	5.00	5.25	4.80	4.50
(18)	5.00	5.00	5.50	5.00	4.53
(19)	.18	.13	.12	.14	.11
(20)	.04	.02	.025	.03	.025

**BIDS WANTED**  
**SAN RAFAEL, Marin Co., Calif.**—Until April 16, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, for the widening of West Fourth Street, between Marquard St. and the westerly city limits.  
 The work involves:  
 (1) 19,000 sq. ft. asphaltic concrete pavement;  
 (1-A) 19,000 sq. ft. bituminous macadam base;  
 (2) 289 ft. concrete curb and gutter;  
 (3) 151 ft. 12-in. CMP;  
 (4) 94 ft. 15-in. CMP;  
 (5) 119 ft. 18-in. CMP;  
 (6) 62 ft. 24-in. CMP;  
 (7) 140 ft. 5-in. drain tile;  
 (8) 1,900 2x12 headerboards;  
 (9) 85 sq. ft. sidewalks, 4-in.;  
 (10) 11 catch basins;  
 (11) One concrete outlet box;  
 (12) One concrete cleanout box.  
 Plans and specifications obtainable from the office of City Engineer George A. Steele upon deposit of \$5.

**BIDS WANTED**  
**ALAMEDA, Alameda Co., Calif.**—

Until April 20, 8 p.m., bids will be received by the Alameda City Council, C. E. Dyer, City Clerk, City Hall, for paving, constructing concrete gutters, etc., on High Street, a length of 3 1/4" feet, from San Jose Ave. over the Estuary and High Street Bridge.  
 The work involves:  
 (1) 30,910 sq. ft. grading;  
 (2) 572 tons rock;  
 (3) 2,559 tons asphaltic concrete, Type B;  
 (4) 1188 sq. ft. concrete gutter.  
 Plans and specifications obtainable from the office of City Engineer Geo. Sperbeck upon deposit of \$10.

**CONTRACT AWARDED**  
**ALAMEDA, Alameda Co., Calif.**—Healey-Moore Co., 344 High Street, Oakland, at \$26,130, awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, for the paving of Otis Drive from Mound St. to Bay Farm Island Bridge.  
 George Sperbeck, City Engineer.

**CONTRACTS AWARDED**  
**MARIN CO., Calif.**—Eaton & Smith, 715 Ocean Ave., at \$4,370.45 on Proposal 1, at \$3,825 on Proposal 2, and the Pacific States Constr. Co., 708 Call Bldg., at \$14,941.25 on Proposal 3, awarded contracts by the Board of Directors of the Golden Gate Bridge & Highway District for placing about 7,500 ft. of asphaltic concrete surfacing and armor shoulders on the Sausalito lateral of the Golden Gate Bridge, to connect with the Waldo Approach Road, now under construction by the State.

**BIDS WANTED**  
**SIERRA & NEVADA COS., Calif.**—Until April 27, 2 p.m., bids will be received by the Bureau of Public Works, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing base and surface courses on 7,948 miles of Sections B and C of Route 27, the Sierra-Bobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.  
 The principal items of work involved are:  
 (1) 1,000 cu. yd. unclass. excav.;  
 (2) 300 cu. yd. do. for structures;  
 (3) 5,000 sta. vls. overhaul;  
 (4) 7,948 mi. fine grading, subgrade and shoulders;  
 (5) 31,400 tons 2-in. heavy crushed rock, base course;  
 (6) 27,900 tons crusher run, top course;  
 (7) 300 tons supplemental crushed stone;  
 (8) 1,800 M. scale watering;  
 (9) Lump sum, water plant or plants for project;  
 (10) 336 ft. 8-in. perforated C.S.M. pipe underlain;  
 (11) 240 sq. vls. mortar backfill seal.  
 Plans and specifications obtainable from the above office upon deposit of \$10.00.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—Artukovich Bros., 912 S. Atlantic Blvd., Hynes, at \$54,753.84 awarded contract by the Los Angeles board of public works for grading, paving and otherwise improving Vignes St. between 130 ft. north of Baucht Street and Clara St., PWA Project No. 4561, Unit No. J-1.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—Hines & Sutherland, Inc., 605 West Olympic Blvd., Los Angeles, at \$19,300, awarded contract by the Los Angeles County Supervisors for constructing yielding highway barriers across Florence Ave. at its intersection with the Long Beach branch of the Pacific Electric Railway. Cash Contract 493.

## LOW BIDDERS

PINAL CO., Ariz.—Reliance Trucking Co., Box 2293, Phoenix, at \$16,880, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Florence-Tucson Highway, Non. P.A. 94-C. A.F.E. 8760. The work which includes between the town of Coolidge and Picoacho, consists of seal coating approximately 18 miles of existing oil surface and is to be completed on or before 30 days after the award of contract. The work involves: 350 tons Class A emulsified asphalt; 2000 tons screenings.

The next two low bids were: Arizona Sand & Rock Co., Phoenix—\$17,499.  
Pearson & Dickerson, Tempe—\$17,920.

## 30—RESERVOIRS &amp; DAMS

## BONDS VOTED.

EUREKA, Humboldt County—An additional bond issue of \$625,000 was approved by Eureka voters at a special election March 20, and at the same time approval was given to Plan "B" for completion of the Mad Water Project, providing for a dam 50 ft. high above the stream bed and construction of a pipeline of sufficient capacity to deliver 5,000,000 gals. of water daily to the tanks at Harris and E streets.

Bids for construction of the pipeline will probably be called late in May.

A bond issue of \$959,000 was approved in August, 1934, and the PWA allotted a grant of \$318,000.

C. C. Kennedy, engineer, 74 New Montgomery St., San Francisco, has estimated the cost of the project at \$1,876,636.

## BIDS WANTED.

LOS ANGELES CO., Calif.—Until April 27, 2 p.m., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for the construction of the spillway of San Gabriel Dam No. 1. Plans and specifications prepared by C. H. Howell, Chief Engineer, and Paul Baumann, Assistant Engineer, in charge of Dams, may be obtained at the office of the engineer, 751 S. Figueroa St., Los Angeles, upon payment of \$2.50 per set, not returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal.

## The items are:

- (1) 3150 cu. class A cutoff excav.;
- (2) 2200 cu. class B cutoff excav.;
- (3) 1150 cu. class C cutoff excav.;
- (4) 850 cu. class D cutoff excav.;
- (5) 420 cu. class E cutoff excav.;
- (6) 52,000 cu. class F general exc.;
- (8) 6900 cu. class A concrete;
- (9) 9600 cu. class B concrete;
- (10) 2000 cu. class C concrete;
- (11) 5200 cu. class D concrete;
- (12) 160 cu. class E concrete;
- (13) 11,000 sq. ft. 6-in. slab Granite;
- (14) 10,000 sq. ft. 8-in. slab Granite;
- (15) 856,000 lbs. placing reinf. steel;
- (16) 5300 Lf. hole placing a/c. bars;
- (17) 4000 cu. drainage gravel;
- (18) 74,000 cu. y. backfill;
- (19) 5600 Lf. placing the drains;
- (20) 6800 Lf. of seal, placing water seals;
- (21) 8200 Lf. drilling grout holes;
- (22) 1400 cu. ft. of dry cement and admixture (grouting);
- (23) 700 Lf. drilling 2-in. vepholes;
- (24) 22,000 sq. ft. asphalt paving;
- (25) 700 Lf. placing fencing;
- (26) 30,000 lbs. placing miscellaneous metalware;
- (27) 5300 sq. ft. placing joint fillers.

## 32—SEWERS &amp; SEWAGE DISPOSAL PLANTS

## BIDS WANTED

LOS ANGELES—Until April 14, 10 a. m., bids will be received by the

Los Angeles board of public works, 153 City Hall, for construction of storm drains and appurtenances and appurtenant work in the streets of the Montecito Dr. and Latona Ave. Storm Drain District, a cash contract.

## The work involves:

- (1) lump sum, storm drain together with all necessary appurtenances and appurtenant work, not including resurfacing, local depressions or street remodeling;
- (2) lump sum, grading (10 cu. y. excav., including removal of existing improvements);
- (3) 232 sq. ft. concr. pavement, 8-in. thick, local depressions;
- (4) 2200 sq. ft. rock and oil roadway, variable thickness (average 2 in.);
- (5) 62 Lf. light class unplastered curb;
- (6) 12 sq. ft. concr. gutter, 6 inches thick;
- (7) 325 sq. ft. Class A resurfacing.

## CONTRACT AWARDED

LOS ANGELES—Charles H. Johnston and Nick Percallo, 867 Sunset Blvd., awarded contract by the Los Angeles board of public works, at \$30,897.17, for construction of storm drains and appurtenant work in Alameda St., between Ord and Macy Sts., Union Passenger Terminal Station. PWA Project No. 4361, Unit E-2.

## PWA START CONSTRUCTION

EUREKA, Humboldt Co., Calif.—Construction will start immediately on construction of the Washington Street sanitary outfall sewer between Broadway and the Government building, about 2600 ft. in length, and will be completed by October. Award of the contract to Fred J. Maurer & Son, Inc., Eureka, at \$65,147.10, was made contingent upon the city's receiving an additional PWA grant of \$9,633, which has now been approved.

Complete bids published March 1. Evan D. Gardner, City Engineer.

## BIDS WANTED

SAN FRANCISCO—Until April 14, 10:15 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,032, for the construction of a main sewer in an easement from northerly termination of August Ave. to Union St. Estimated cost, \$700.

## The work involves:

- (1) 162 Lf. 8-in. VCP sewer;
- (2) 2 brick manholes.

Specifications obtainable from the office of City Engineer John J. Cassey, Room 351, City Hall.

## BIDS WANTED

MANTECA, San Joaquin Co., Calif.—Until April 19, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Manteca City Council for the construction of a sanitary sewer consisting of approximately 1322 Lf. of 10-in. vitrified clay pipe, 1196 Lf. of 12-in. vitrified clay pipe, and 12 brick manholes.

Plans and specifications obtainable from the office of the City Clerk, Manteca, or from Ohm & Raab, Engineers, 109 E. Weber Ave., Stockton.

## 33—WATER WORKS

## BIDS OPENED

SPOKANE, Wash.—Following bids received by the City of Spokane, Alex Lindsay, City Water Superintendent, for construction of a pumping station, motors, and mains: Hoffman Ave. Pumping Station: M. P. Munter, 2906 W 1st, Seattle—\$63,434.  
E. Martin, Spokane—\$57,023.  
Alloway & Georg, Spokane—\$72,613.  
Pumps, Motors and Control Works: Pomona Pump Co., Pomona—\$32,-

150.

Mayfair Street 30-inch Main: Charles Power, 27 E. 8th, Spokane—\$37,870.

Steel Tank & Pipe Co., Portland—\$38,963.

Clifton & Applegate, Spokane—\$41,650.

Pacific Construction Co., care D. J. Murrow, Spokane—\$42,974.

W. L. Ridge, Mason City—\$43,790.

L. Coluccio, Seattle—\$44,929.

Macci Co., Seattle—\$45,939.

Hydraulic Supply Co., Seattle—\$46,120.

Puget Constr. Co., Seattle—\$55,600.

## BOND ELECTION

PITTSBURG, Contra Costa Co., Cal.—The City Council has set April 22 as the date of a special election to vote on a proposal to issue \$195,000 in bonds to finance construction of a complete new waterwork system and filtration plant, including new mains, etc.  
Frank R. Taormina, city clerk.

## BIDS WANTED

PITTSBURG, Contra Costa Co., Cal.—Until April 26, 8 P. M., bids will be received by the Pittsburg City Council, Frank R. Taormina, City Clerk, for the construction of a water filtration plant. Estimate upon deposit of \$10.00.  
Plans and specifications obtainable from the office of the clerk.  
Complete description of the work involved will be published shortly.

## BIDS OPENED

SAN FRANCISCO—San Francisco Water Department, 425 Mason St., \$5,292.50, submitted low bid to the Public Utilities Commission, City Hall, under W.D. Contract 157, for the removal of approximately 4000 cu. yd. of approximately 23-inch steel pipe, the laying of approximately 25 ft. of 24-inch steel pipe, laying of approximate 365 ft. of 30-in. steel pipe, setting such valves and fittings as may be required, the cutting in of two blow off connections to an existing 16-inch cast-iron main, and the making of the connections between the proposed 30-inch steel main and the existing mains or gates. The work is located at the County line.

As it will be necessary to limit the period of shutdown of the 54-inch San Andreas pipe line to 24 hours the contractor should be prepared work continuously in order to relocate the 24-inch gate valve.

## The work involves:

- (1) 390 Lf. fabrication, lining a coating of steel pipe with slush standard wrapping;
- (2) Additional field joints, run about seams from 30-inch dia steel pipe;
- (3) 390 Lf. excav. and backfill trench for 24-in. and 30-in. dia pipe;
- (4) 50 cu. yd. additional excavation at backfill for trench below 24 grade;
- (5) 390 ft. installation of steel pipe 24-in. and 30-in. diam.;
- (6) 12-in. dia. installation of fitting-gate valves, etc.;
- (7) 10 Lf. bell and spigot joints, making joints for pipe and fittings.

## Total bids follow:

(A)	(B)	(C)	(D)	
San Francisco Water Dept.			\$5,292	
Martin Murphy, Berkeley			3,657	
E. J. Treacy, S. F.			3,725	
F. L. Burr, S. F.			8,095	
Robert B. McNair, Oakland			7,895	
Unit bids follow:	(A)	(B)	(C)	(D)
	\$7.75	\$7.25	\$7.00	\$7.265
	1.70	2.00	35.00	30.00
	2.50	3.00	2.50	2.75
	2.00	1.00	3.00	3.00
	1.50	3.00	3.31	2.45



(6).....	.035	.02	.025	.055	.05
(7).....	1.05	1.00	1.00	1.00	.50

**BIDS WANTED**

**LOS ANGELES**—Until April 20, 2 p.m., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for the drilling and testing of a water well and installing an 18-in. casing on property located at the southwest corner of Willowbrook Ave. and 123rd St., Willowbrook, L. A. County Water Works District No. 10.

The bids will be taken as follows:

(A) drilling well to 315 ft. in depth:

(a) additions or deductions for ft. for drilling 315 ft. to 500 ft.;

(b) additions or deductions for ft. for drilling 250 ft. to 315 ft.

Specifications No. 395.

Copies of the specifications may be obtained from R. E. Shoner, County Mechanical Engineer, 10th floor, Hall of Records, Alame B. Beatty, 501 Hall of Records, Clerk of the Board.

**PERMITS ISSUED**

**SACRAMENTO, Calif.**—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of March, 1937:

4898, App. 8652 (Inyo Co.) issued to Edward R. Bulpitt, et al, Bishop, March 8, for 0.026 cu. ft. per second from small springs for mining and domestic purposes. Est. cost, \$600.

4899, App. 8725 (Placer Co.) issued to James S. Colvin and W. D. Ledoux, Lodi, March 8, for 3 cu. ft. per second total from (1) Spruce Creek and (2) West Branch Spruce Creek, for mining purposes. Estimated cost, \$3500.

4900, App. 8726 (Placer Co.) issued to James S. Colvin and W. D. Ledoux, Lodi, March 8, for 3 cu. ft. per second from West Branch Mosquito Creek for mining and domestic purposes. Est. cost, \$1500.

4901, App. 8567 (Solano Co.) issued to Est. of Henry Brinck, Winters, March 8, for 0.37 cu. ft. per second from Pleasant (Miller) Creek, for irrigation of 30 acres. Estimated cost, \$1100.

4902, App. 8841 (Trinity Co.) issued to Daxe Beidleman, Denny, March 8, for 2 cu. ft. per second from an unnamed stream, for mining and domestic purposes. Est. cost, \$200.

4903, App. 8871 (San Joaquin Co.) issued to Nelson H. Davis, Acampo, March 8, for 0.7 cu. ft. per second from Mokelumne River, for irrigation of 55 acres. Est. cost, \$800.

4904, App. 8728 (San Bernardino Co.) issued to John Bachtel, Red Mountain, March 9, for 20,000 gal. per day from Quail Springs, for mining and domestic purposes. Est. cost, \$1300.

4905, App. 8881 (Humboldt County) issued to Julius D. Moore, Arcata, March 9, for 2.5 cu. ft. per second from Mad River, for irrigation of 20 acres. Est. cost, \$500.

4906, App. 8835 (Trinity County) issued to U. S. Trinity National Forest, Weaverville, March 25, for 0.055 cu. ft. per second from Manzanita Creek for domestic purposes. Estimated cost, \$1914.

4907, App. 8741 (Inyo County) issued to Bunker Hill Mining Co., San Bernardino, March 25, for 9.75 cu. ft. per second from Addie Gulch for mining and domestic purposes. Estimated cost, \$450.

4908, App. 8774 (Placer County) issued to J. E. Starratt, Roseville, March 25, for 3 cu. ft. per second from Shirlitz Canyon for power and domestic purposes. Est. cost \$2,000.

4909, App. 8711 (Sierra County) issued to Loftus Blue Lead Mines Co., South Pasadena, March 25, or 50 cu. ft. per second total from (1)

Slate Creek (2) South Fork Slate Creek and (3) Branch of South Fork of Slate Creek, for mining purposes. Est. cost, \$13,000.

4910, App. 8850 (Mendocino County) issued to Alonzo Rusk, Ferndale, March 25, for 2 cu. ft. per second from Cedar Creek, for trout culture. Est. cost, \$600.

4911, App. 8764 (Nevada County) issued to A. B. Polyanich, Truckee, March 25, for 200 gals. per day from unnamed spring for domestic purposes.

4912, App. 8857 (Riverside County) issued to Clifford Tiltonson, Los Angeles, March 25, for 0.1 cu. ft. per second from Mabey Canyon, for domestic purposes and irrigation of ten acres. Est. cost, \$2,000.

4913, App. 7779 (Sierra County) issued to Lewis F. Johnson and A. J. Sell, Downville, March 25, for 50 cu. ft. per second total from (1) Canyon Creek and (2) West Branch Canyon Creek, for mining purposes. Estimated cost, \$100,000.

4914, App. 8329 (Placer County) issued to A. W. Lackey, Alta, March 25, for 25 cu. ft. per second from Blue Canyon, for mining purposes. Estimated cost, \$51,000.

4915, App. 8873 (Del Norte County) issued to Mrs. Ruby E. Fielding, Arcata, March 25, for 1 cu. ft. per second from Mitchell Creek, for domestic purposes and irrigation of 40 acres.

4916, App. 7141 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 2500 acre feet per annum by storage from Almaden Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$220,000.

4917, App. 7142 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 3500 acre feet per annum by

storage from Guadalupe Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$235,000.

4918, App. 7143 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 4000 acre feet per annum by storage from Stevens Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$300,000.

4919, App. 8098 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 3500 acre feet per annum by storage from Calero Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$351,000.

4920, App. 8099 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 6000 acre feet per annum by storage from Almaden Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$477,000.

4921, App. 8387 (Santa Clara Co.) issued to Santa Clara Valley Water Conservation District, San Jose, March 25, for 4000 acre feet per annum by storage from Los Gatos Creek, for domestic purposes and irrigation of 133,000 acres. Est. cost, \$100,000.

**BIDS WANTED**

**MANHATTAN BEACH, Los Angeles Co., Calif.**—Until April 15, 8 p.m., bids will be received by the Manhattan Beach city council for furnishing pipe and fittings for the Water Dept.

The items are:

- (1) Cast-iron Class 150 Pipe
- (2) 4312 ft. 4-in.
- (3) 612 ft. 6-in.
- (4) 2520 ft. 8-in.
- (5) 114 ft. 10-in.
- (6) 360 ft. 12-in.
- (7) 4 ft. 16-in.
- (8) 4 only 6-in. fine hydrants;
- (9) 6 only 4-in. hub end gate valves, nut operating;

**SAN FRANCISCO—WILLIAMS AVE. PAVING, Etc.—City**

**SAN FRANCISCO**—Fay Improvement Co., 760 Market St., San Francisco, at \$19,464.71, submitted low bid to the Department of Public Works, City Hall, under Spec. 13, 18, 979, for grading, paving and laying sewer in Williams Ave., between Third Street and Newhall Street.

The work involves:

- (1) 1,900 cu. yd. grading (excavation);
- (2) 4,650 cu. yd. grading (embank);
- (3) 1,000 lf. 12-in. VCP sewer, in place;
- (4) 100 lf. 6-in. VCP side sewer, in place;
- (5) 50 lf. 8-in. " "
- (6) 4 12x6-in. Y branches, in place;
- (7) 5 12x8-in. " "
- (8) 6 brick manholes, complete;
- (9) 2 brick catch basins, reset or re-constructed;
- (10) 7 brick catch basins, complete;
- (11) 250 lf. 10-in. VCP culvert, in place;
- (12) 850 sq. ft. 2-course concrete sidewalk;

- (13) 970 lf. armored concrete curb;
- (14) 310 lf. unarmored conc. taper curb;
- (15) 7,300 sq. ft. black base pavement 4- and 2-in.;
- (16) 1,500 sq. ft. remove and replace asphalt concrete wearing surface;
- (17) 20 tons asphalt conform paving;
- (18) 62,000 sq. ft. asphalt concrete pavement 6- and 2-in.;
- (19) 2,780 lf. 4-in. painted white lacquer lines;
- (20) 1 street sign reset;
- (21) 2 6-in. utility warning reflectors;
- (22) 220 lf. standard wood fence.

Total bids follow:

(A) Pav. Impr. Co., S. F.	\$19,464.71
(B) Easton & Smith, S. F.	21,394.20
(C) Chas. L. Harvey, S. F.	22,480.50
(D) F. C. Anderson & Sons, S. F.	22,854.90
(E) Pacific States Constr. Co., S. F.	22,823.00
(F) Lovrie Paving Co., S. F.	24,325.35
(G) J. T. Taylor, S. F.	25,553.43

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 0.21	\$ 0.25	\$ 0.001	80.35	\$0.30	\$0.45	\$0.20
(2)	.24	.20	.001	.60	.50	.45	.443
(3)	1.50	1.10	1.30	1.65	1.80	1.00	2.20
(4)	.72	.75	.85	1.50	.90	1.25	.90
(5)	1.50	1.10	1.00	1.50	1.00	1.50	1.00
(6)	1.75	2.00	1.50	2.00	2.00	3.25	2.75
(7)	1.75	2.00	1.50	2.00	2.00	3.25	2.75
(8)	94.00	70.00	109.00	110.00	110.00	120.00	100.00
(9)	63.50	40.00	60.00	70.00	55.00	50.00	70.00
(10)	80.00	70.00	55.00	70.00	95.00	70.00	70.00
(11)	1.35	1.10	1.30	1.60	1.25	1.80	1.35
(12)	.15	.11	.15	1.5	.11	.20	1.4
(13)	.70	.55	.88	.75	.70	1.10	.75
(14)	.60	.55	.85	.75	.70	1.10	.75
(15)	1.5	2.05	2.0	1.8	1.5	2.1	2.05
(16)	.078	.065	.10	.09	.12	.10	.10
(17)	4.95	5.00	6.00	6.50	4.00	7.00	6.00
(18)	.162	.235	.255	.205	.35	.22	.20
(19)	.022	.015	.06	.05	.05	.05	.05
(20)	3.00	10.00	5.00	10.00	5.00	10.00	5.00
(21)	16.00	15.00	15.00	20.00	25.00	25.00	20.00
(22)	.80	1.00	.40	1.00	.30	1.00	.250

- (9) 10 only 6-in. same;  
 (10) 5 only 8-in. same;  
 (11) 1 only 10-in. same;  
 (12) 1 only 12-in. same;  
 (13) 1 only 16-in. flanged gate valve, wheel operated;  
 (14) 1 only 8-in. AB cross;  
 (15) 1 only 8x6-in. AB cross;  
 (16) 1 only 6x4-in. AB cross;  
 (17) 6 only 4-in. AB tees;  
 (18) 4 only 6-in. same;  
 (19) 1 only 8-in. same;  
 (20) 1 only 12-in. same;  
 (21) 5 only 8x8x4-in. tee;  
 (22) 3 only 8x8x6-in. tee;  
 (23) 1 only 8x8x10-in. tee;  
 (24) 1 only 12x12x16-in. tee;  
 (25) 1 only 12x12x 4-in. tee;  
 (26) 1 only 8x6 reducer;  
 (27) 1 only 4x2-in. tapped reducer;  
 (28) 3 only 6x2-10. same;  
 (29) 2 only 8x2-in. same;  
 (30) 1 only 6-in. bell and spigot ¾ bend;  
 (31) 1 only 6-in. AB ¼ bend;  
 (32) 2 only 10-in. B&S ¾ bends;  
 (33) 1 only 10-in. B&S ¼ bend;  
 (34) 1 16-in. A&B ¼ bend;  
 (35) 5 only 8-in. sleeves;  
 (36) 1 only 12-in. sleeve;  
 (37) 1 only 16-in. flange and bell;  
 (38) 30 6-in. gate caps;  
 (39) 100 ft. 6-in. riveted steel pipe;  
 (40) 20,000 lbs. caulking lead;  
 (41) 600 lbs. jute.

Certified check 10% must accompany bids. MERRITT J. CRANDALL, City Clerk.

#### APPLICATIONS FILED

SACRAMENTO, Cal.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during March, 1937:

8910 (Kern County) R. P. Stue, Caliente, for 14,400 gals. per day from a spring tributary to Kern River. To be diverted for domestic purposes.

8911 (Nevada County) G. S. Clark, Reno, Nev., for 100,000 gals. per day from a mine tunnel and an unnamed stream tributary to South Fork of Yuba River. To be diverted for mining and domestic purposes.

8912 (Humboldt County) Edward and Edna Hazelton, Los Angeles, for 29,000 gals. per day from Mill Creek tributary to Pacific Ocean. To be diverted for irrigation and domestic purposes on one acre. Estimated cost, \$150.

8913 (Humboldt County) James T. Murphy, Orleans, for 3 cfs from Little Wilder Creek tributary to Camp Creek. To be diverted for mining purposes.

8914 (Plumas County) Fred M. Klise, Oroville, for 3 cfs from Scotchman Creek tributary to the Middle Fork of Feather River. To be diverted for mining and domestic purposes. Estimated cost, \$1500.

8915 (Santa Barbara County) Mary Hoefling, Santa Barbara, for 2 gals.

per minute from an unnamed spring tributary to San Jose Creek. To be diverted for domestic and stockwatering purposes. Est. cost, \$50.

8916 (Riverside County) M. H. Lerner, Riverside, for 0.75 cfs from waste water tributary to Santa Ana Drainage District. To be diverted for irrigation purposes on 10 acres.

8917 (Shasta County) A. C. Minnie, Redding, for 25 cfs from Sacramento River. To be diverted for mining purposes. Est. cost, \$25,000.00.

8918 (Alpine County) H. W. Curtz, Markleville, for 0.075 cfs from Gaskey Canyon Spring tributary to East Fork Carson River. To be diverted for mining and domestic purposes.

8919 (Alpine County) R. H. Dynan, Angeles Camp, for 362 gals. per day from an unnamed spring tributary to Lake Alpine. To be diverted for domestic purposes. Est. cost, \$250.

8920 (Santa Barbara County) W. H. Stetson, Santa Ynez, for .025 cfs from Tequisip Creek tributary to Santa Ynez River. To be diverted for domestic and irrigation purposes on 25 acres. Est. cost, \$2500.

8921 (Solano County) City of Suisun City, Suisun, for 200 ac. ft. per annum from 2 unnamed creeks tributary to Suisun Creek. To be diverted for municipal purposes. Estimated cost, \$6400.

8922 (Lassen County) Antonio Saralegui, Reno, Nev., for 600 ac. ft. per annum from Long Valley Creek tributary to Honey Lake. To be diverted for irrigation and domestic purposes on 166.71 acres. Est. cost, \$1,000.

8923 (Iayo County) R. P. Merritt, Trona, for 15 gals. per minute from Lower, Middle and Upper Emigrant Springs tributary to Emigrant Wash. To be diverted for mining and domestic purposes.

8924 (Shasta County) Edgar F. Wilder, Redding, for 15 cfs from Brandy Creek tributary to Clear Creek. To be diverted for mining purposes. Est. cost, \$10,000.

8925 (Modoc County) Max Kowolowski, Malin, Ore., for 0.983 cfs and 10 ac. ft. per annum from two unnamed streams tributary to Tule Lake. To be diverted for irrigation and stockwatering purposes. Estimated cost, \$1,000.

8926 (Amador Co.) Sierra Mountain Water Co., Stockton, for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River. To be diverted for power purposes. \$1380 h.p.

8927 (Amador Co.) Sierra Mountain Water Co., Stockton, for 300,000 ac. ft. from Cosumnes River tributary to Mokelumne River. To be diverted for municipal purposes.

8928 (Placer County) U. S. Tahoe National Forest, Nevada City, for .025 cfs from Temperance Creek trib-

utary to Shirtail Creek. To be diverted for domestic purposes. Est. cost, \$9,300.

8929 (El Dorado County) U. S. Eldorado National Forest, Placerville, for 5000 gals. per day from Cox Creek tributary to South Fork of the American River. To be diverted for fire protection and stockwatering purposes. Est. cost, \$480.

8930 (Sierra County) Clifford A. Thompson, Sierra City, for 3 cfs from Howard Creek tributary to North Fork Yuba River. To be diverted for mining purposes. Est. cost, \$560.

#### BIDS WANTED

LAURIER, Wash.—Until April 15, 2 p.m. bids will be received by District Engineer Wm. A. Newman, 238 Federal Office Bldg., San Francisco, for the construction of water supply system for the Inspection Station at Laurier, including drilling a water supply well, furnishing and installing motor-driven pump, and pump house.

Plans and specifications obtainable from the above office.

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—Mills Constr. Co., Russ Bldg., at \$28,399.72 awarded contract by the Department of Public Works, City Hall, under Spec. No. 19002, for the construction of Section C of the Park-Presidio District High Pressure System for fire protection.

#### 34— PARKS AND PLAY GROUNDS

##### BIDS OPENED

RENO, Nevada.—J. P. Schopper & Sons, 45 Park St., Reno, at \$1,200, submitted low bid to the Procurement Division, Public Buildings Br., Washington, D. C., for seeding, planting and manhole at the U. S. Post Office at Reno.

Only other bid, at \$1,540, submitted by J. H. Reese.

##### BIDS WANTED

SAN MATEO CO., Calif.—Until April 15, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, District Engineer's office, State Building, San Francisco, for trimming roadside trees between Millbrae and San Mateo. Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the above office.

##### BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Calif.—The Garden Center, 842 Beverly Blvd., Los Angeles, submitted low bid to the Supervising Architect, Washington, D. C., at \$681, for seeding and planting the grounds of the North Hollywood Post Office. Peterson Bros., Inglewood, at \$1,300.

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"PERFECT RESULTS"



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**SAN DIEGO CO.—OVERPASS & GRADING—(State)**

SAN DIEGO CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$15,315, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for the construction of a crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near Solano Beach, San Diego County, consisting of a reinforced concrete bridge and grading approximately 0.1 mile of roadway and applying plant-mix surfacing.

The work involves:

- (1) 51 M. gals. water;
- (2) 200 c.y. roadway excav.;

- (3) 380 c.y. struc. excav.;
- (4) 1,500 c.y. imported borrow;
- (5) 5 sta. finishing roadway;
- (6) 515 tons mineral aggregate (plant-mix surf.);
- (7) 26 tons liq. asphalt, MC-5 or MC-extra heavy (plant-mix surf.);
- (8) 2 tons liq. asphalt, SC-2 (prime coat);
- (9) 46,000 lbs. bar reinf. steel;
- (10) 340 c.y. Class A portland cement concrete (structures);
- (11) 12.5 c.y. Class A portland cement concrete (railing);
- (12) 104 lf. 18-in. CMP;
- (13) 54 lf. 24-in. CMP;
- (14) 320 lf. laminated timber (guard

- rail);
- (15) 6 each, culvert markers;
- (16) 1 lot misc. items of work.

Total bids follow:

(A) Griffith Company .....	\$15,315.00
(B) E. G. Carroll .....	16,108.00
(C) F. O. Bohnett .....	16,799.10
(D) D. A. Loomis .....	16,959.75
(E) A. S. Vinnell Co. ....	17,541.30
(F) V. R. Dennis Const. Co.	17,869.80
(G) C. O. Sparks & Mundo	
Engrg. Co. ....	17,916.00
(H) Oscar Oberg .....	18,795.84
(I) E. S. and N. S. Johnson	19,210.00
(J) E. R. Bishop .....	19,477.50
(K) J. R. Lippincott .....	22,402.22

Unit bids were as follows:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
A .....	\$1.00	\$0.50	\$1.70	\$0.50	\$10.00	\$3.00	\$17.00	\$40.00	\$0.045	\$23.00	\$50.00	\$2.00	\$3.00	\$0.90	\$3.00	\$ 480.00
B .....	2.00	.40	1.50	.50	10.00	4.00	20.00	30.00	.05	22.00	70.00	2.00	2.50	1.25	3.00	500.00
C .....	2.20	.45	1.20	.60	13.00	4.50	27.00	28.00	.054	22.35	60.00	1.90	2.80	1.25	2.10	300.00
D .....	1.00	.50	2.00	.80	10.00	2.75	15.00	12.00	.055	24.00	60.00	2.00	2.75	1.00	2.00	840.00
E .....	2.00	.55	1.10	.60	20.00	6.00	22.00	50.00	.058	21.00	39.00	2.20	3.00	1.40	2.50	1000.00
F .....	2.00	.40	2.00	.46	10.00	4.50	21.00	28.00	.06	24.00	55.00	2.30	3.40	1.00	3.00	900.00
G .....	4.00	.50	1.50	.60	10.00	3.20	20.00	25.00	.06	23.00	55.00	3.00	5.00	2.00	3.00	800.00
H .....	1.00	.55	1.65	.47	10.00	5.72	20.00	12.62	.047	28.00	55.00	2.30	2.80	1.50	3.65	500.00
I .....	1.00	1.20	2.00	.72	24.00	6.00	21.00	13.00	.05	25.00	60.00	2.00	2.50	2.40	6.00	600.00
J .....	2.50	.75	2.50	.80	10.00	5.50	18.00	35.00	.05	24.00	75.00	3.00	3.50	1.30	3.50	1200.00
K .....	2.64	1.33	3.45	.67	13.30	4.35	21.30	29.00	.0575	31.73	61.10	3.72	4.65	2.92	3.35	720.00



## Bethlehem Concrete Reinforcing Bars

Rolled and Stocked in San Francisco, Los Angeles and Seattle.

**BETHLEHEM STEEL COMPANY**  
on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

SAN FRANCISCO  
20th and Illinois Sts.

# MACHINERY & MATERIAL

Bid calls for construction machin  
Federal, State, Municipal and other p

ery and materials and miscellaneous equipment and supplies purchased by  
ublic agencies.

## BUREAU OF PRISONS

ALCATRAZ.—Until April 13, 2 p. m., bids will be received by Warden J. A. Johnston, U. S. Penitentiary, Alcatraz, or at Room 407, Post Office Bldg., San Francisco (where bids will be opened), under Bid No. 950, for furnishing five steel floor plates, 3/16 inch thick.

Delivery f.o.b. Dock No. 1, Fort Mason.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

APRIL 13, 10 A. M.:

BID NO. 3673: 3 complete chlorinating apparatus units; fob Aquatic Park, Larkin and Beach Sts., San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

April 13, 10 A. M.

BID NO. 3683: White oak, Oregon pine, lumber and millwork; f.o.b. Old Post Office Bldg., SE Cor. Market and San Fernando Sts., San Jose.

April 14, 10 A. M.

BID NO. 3681: 3,000 c.y. puddling clay; f.o.b. Park Meadows, 34th Ave. and Lincoln Way, San Francisco.

BID NO. 3682: 800 sacks portland cement; f.o.b. Chico, Butte County.

April 15, 10 A. M.

BID NO. 3676: Douglas fir, ponderosa pine, larch, hemlock, redwood and spruce lumber; f.o.b. Winters.

BID NO. 3677: Douglas fir, ponderosa pine, larch, hemlock, redwood and spruce lumber; f.o.b. Marysville.

BID NO. 3686: Reinforcing steel bars; f.o.b. Agricultural Association Grounds, Geneva Ave., near Rio Verde, San Francisco.

Specifications obtainable from the above office.

## CANAL ZONE

PANAMA CANAL ZONE.—Until April 23, 10:30 a.m., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 231, for furnishing 20,000 bbls. portland cement.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 16, 2 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1760, for furnishing pipe, pipe fittings, and drinking fountains for the term May 1, 1937, to October 31, 1937.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies, Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

CLOTHS, cotton wiping; East & West Yards. Sch. 307; April 13.

TEAK; East & West Yards. Sch. 313; April 13.

FITTINGS, air hose; East Yards & Puget Sound. Sch. 300; April 13.

FIBER, insulating; East & West Yards. Sch. 309; April 13.

VALVES, composition; East & West Yards. Sch. 314; April 13.

FANS, electric; East & West Yards. Sch. 298; April 13.

COMPOUND, rust preventive, approx. 89,000 lbs., and 750 gals.; East & West Yards. Sch. 299; April 13.

TUBES, 2,600 lbs. admiralty metal evaporator; Puget Sound. Sch. 324; April 13.

MASKS, 200 half masks, 500 filter cartridges, and 2500 filter pads; Mare Island. Sch. 310; April 13.

TAPE, friction and insulating; East & West Yards. Sch. 313; April 16.

HORNNS, 20 interior communication and motorboat, electrically operated; Mare Island. Sch. 311; April 16.

LATHE, motor-driven engine; East & West Yards. Sch. 312; April 16.

TILE, 29,500 sq. ft. floor; East & West Yards. Sch. 313; April 16.

PRESS, hydraulic horizontal bending; Mare Island. Sch. 325; Apr. 16.

GRAPHITE, lubricating; East and West Yards. Sch. 317; April 16.

TUBING, seamless copper; East and West Yards. Sch. 328; April 16.

PLUGS, 7,500 attachment; Mare Island. Sch. 337; April 20.

GREASE, lubricating, graphite and mineral; East & West Yards. Sch. 316; April 20.

DOORS, 10 glass dome, 36-in.; Mare Island. Sch. 356; April 20.

TUBING, 1,200 ft. brass hose, 3-in. I.D.; Mare Island. Sch. 356; Apr. 20.

WIRE, bare resistance; East & West Yards. Sch. 341; April 20.

STEEL, 1,050 lbs. corrosion resisting; Mare Island. Sch. 347; Apr. 20.

LEATHER, 225 lbs. hydraulic packing; Puget Sound. Sch. 358; Apr. 20.

GLASS, window and plate; East & West Yards. Sch. 353; Apr. 20.

CLOTH, sleeveing and tape, insulating; East & West Yards. Sch. 344; April 20.

FLASHLIGHTS, 14,100 electric; East & West Yards. Sch. 363; Apr. 20.

CEMENT, 1,000 lbs. insulating; Mare Island. Sch. 360; April 20.

HOSE, cotton and rubber; East & West Yards. Sch. 359; April 20.

SOCKETTS, 300 incandescent lamp; Mare Island. Sch. 370; April 23.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

## LOS ANGELES CITY

LOS ANGELES.—Until April 15, 2 p. m., bids will be received by D. P. Nucklin, purchasing agent of the Los Angeles Water & Power Bureau, Rm. 710, 308 S. Broadway, for furnishing five 16-in. double disc gate valves with 1-in. by-pass valves, without grease cases. Spec. No. X-99.

LOS ANGELES.—Until April 26, 11 a. m., bids will be received by A. J. Holm, Los Angeles city purchasing agent, 107 City Hall, for furnishing 3 triple-rambling pumping engines, water tank and hose wagons, f.o.b. 2339 Olympic Blvd. Spec. No. 3606.

## RECLAMATION SERVICE

SALT RIVER & PARKER DAM PROJECTS.—Until May 10, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 731, for furnishing and delivering f.o.b. cars at the shipping point and/or railroad destination, ten motor-driven gate hoists for operating 50-ft. by 50-ft. regulating gates to be installed in the spillways at the Bartlett and Mormon Flat Dams, Salt River Project, Arizona, and in the spillway of the Parker Dam Project, California. Material for gate hoists will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation, Denver, or Washington, D. C., without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

YUMA PROJECT, Ariz., and Carlisbad Project, N. M.—Until April 21, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 909-D, for furnishing and delivering fob cars at the shipping point and/or railroad destinations, two ditch-cleaning and excavating machines of the crawler type and one endless chain bucket digging-unit type to be used for cleaning, deepening and wiening drains and canals and excavating new drains and canals. One machine will be used on the Yuma Project, Arizona, and the other on the Carlisbad Project, N. M.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

ALL-AMERICAN CANAL.—Until April 26, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 910-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Potholes, Calif., metalwork for the trash-rack structure at the headworks of the All-American Canal at the Imperial Dam, Boulder Canyon Project. The trash-rack structure will be erected by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.25, not returnable.

OWHHEE PROJ., Oregon-Idaho.—Until April 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 911-D for furnishing and delivering fob cars at the shipping point or fob cars at Homedale, Idaho, one direct pumping unit for the Succor Creek pumping plant, Owyhee project, Oregon-Idaho. The pumping unit will be installed by the government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

BOULDER CITY, Nevada.—Until May 8, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 730, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City,

rec 230-kilovolt, 1200-ampere, oil circuit breakers; and eleven 230-kilovolt, 1200-ampere, three-pole, disconnecting switches, for installation at the Boulder power plant, Boulder any Project. All apparatus will be installed by the Government. Specifications obtainable from the office without charge to prospective bona fide bidders; to others, \$50, not returnable.

**U. S. FOREST SERVICE**

**SAN FRANCISCO.**—Until April 13, p.m., bids will be received by F. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., Forest Service, under Bid No. 1064, for furnishing and servicing one tractor outfit, hydraulic controlled skip loader. Delivery f.o.b. bidder's shipping point and/or Glendale. Specifications obtainable from the office.

**WAR DEPARTMENT**

**BONNEVILLE, Ore.**—Until Apr. 20, p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, under Bid No. 694-37-327, for furnishing control cables for the Bonneville Project, as follows:

- 1. **Lead-Covered Cables**
- 1) 10,000 ft. cable, 1-conductor No. 12, inc. reels, 2 each;
- 2) 3,200 ft. cable, 2-conductor No. 12, incl. reels, 2 each;
- 3) 800 ft. cable, 3-conductor, No. 12, incl. reel, 1 each;
- 4) 2,000 ft. cable, 1-conductor No. 10, inc. reel, 1 each;
- 5) 1,000 ft. cable, 2-conductor No. 10, inc. reel, 1 each;
- 6) 3,000 ft. cable, 3-conductor No. 10, inc. reels, 2 each;
- 7) 2,900 ft. cable, 5-conductor, No. 10, inc. reels, 2 each;
- 8) 2,400 ft. cable, 7-conductor, No. 10, inc. reels, 2 each;
- 9) 12,000 ft. cable, 9-conductor No. 10, inc. reels, 5 each;
- 10) 4,100 ft. cable, 12-conductor No. 10, inc. reels, 2 each;
- 11) 3,800 ft. cable, 2-conductor No. 8, inc. reels, 2 each;
- 12) 4,300 ft. cable, 3-conductor No. 8, inc. reels, 2 each;
- 13) 1,300 ft. cable, 2-conductor No. 6, inc. reel, 1 each;
- 14) 2,000 ft. cable, 3-conductor, No. 6, inc. reel, 1 each;
- 15) 800 ft. cable, 3-conductor, No. 4, inc. reel, 1 each;

- 16) **Braid-Covered Cables**
- 1) 4,500 ft. cable, 3-conductor No. 12, inc. reels, 2 each;
- 2) 5,500 ft. cable, 4-conductor No. 12, inc. reels, 2 each;
- 3) 2,700 ft. cable, 5-conductor No. 12, inc. reels, 2 each;
- 4) 700 ft. cable, 7-conductor No. 12, inc. reel, 1 each;
- 5) 1,500 ft. cable, 9-conductor No. 12, inc. reel, 1 each;
- 6) 7,500 ft. cable, 4-conductor No. 10, inc. reels, 3 each;
- 7) 2,000 ft. cable, 6-conductor No. 16, inc. reel, 1 each;
- 8) 1,000 ft. cable, 9-conductor No. 16, inc. reel, 1 each;
- 9) 500 feet cable, 12-conductor No. 16, inc. reel, 1 each;
- 10) 1,600 ft. cable, 50-conductor No. 16, inc. reel, 1 each.

Alternate bids will be taken as follows:—Delivery fob railroad cars at bidder's specified shipping point for payment under Government bills of lading to be furnished by the Govt. —Delivery fob railroad cars at Neville, Ore., transportation costs borne by bidder. Shipment of lead-covered cables between East and West Coasts to be made by water in order to lessen possibility of damage to lead sheaths due to vibration.

Shipment of braid-covered cables to be made via all-rail. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 14, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for the sale of an automobile and two trucks, including tools and miscellaneous equipment. The vehicles are located at the Senator's Garage, 756 Pacific St., San Francisco, where they may be inspected. Information obtainable from the above office.

**SAN FRANCISCO.**—Until April 14, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-233, for furnishing one 2-ton platform type body, 1937 model truck.

Bidder to state trade-in allowance on Ford truck, 1½-ton, platform body, 1930 model. Delivery f.o.b. San Francisco and/or bidder's shipping point. Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until April 16, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-359, for furnishing door mats, water hose, corrugated ash and garbage cans, wire nails, shutter knobs, wrought iron pipe, structural steel, sheet iron chromium-nickel alloy steel, hardwood white ash lumber, Douglas fir lumber, sugar pine lumber, etc. Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until April 14, 10 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-48, for furnishing miscellaneous plumbing fixtures. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 13, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-236, for furnishing one double steel gate and two steel rollers. Delivery f.o.b. Fort Funston. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 15, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-235, for furnishing 133,400 lbs expanded metal. Delivery f.o.b. Fort Funston. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until April 15, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-239, for furnishing one diesel tractor with angledozer, 75 hp. Delivery f.o.b. cars at bidder's plant. Specifications obtainable from the above office.

**SACRAMENTO.**—Until April 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-192, for furnishing Oregon pine lumber.

Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

**SACRAMENTO.**—Until April 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-193, for furnishing 360 iron scarf straps, f.o.b. Rio Vista. Specifications obtainable from the above office.

**SACRAMENTO.**—Until April 16, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 11-57-194, for furnishing bolts and nuts, boat spikes, and washers, f.o.b. Rio Vista. Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 13, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-92, for furnishing lighting fixtures, sockets, etc.

Delivery fob Bldg. No. 59, Letterman General Hospital, San Francisco Presidio. Specifications obtainable from the above office.

**FORT MASON, Ca.**—Until May 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-362, for furnishing 1,000 tons of lump coal, job cars at mine and/or Fort Stevens, Oregon. Specifications obtainable from the above office.

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## IN THIS ISSUE



Red Bluff Bridge Out  
For Bids



*Morrison-Knudsen Bids Bear River Levee*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
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V. XX

SAN FRANCISCO, CALIF., APRIL 17, 1937

No. 13

## \$2,452 LOW BID FOR BEAR RIVER LEVEE

**Erison Knudsen Co. Submits  
Lowest of Twelve  
Proposals**

SACRAMENTO, April 14.—Erison-Knudsen Co., 1121 Title guarantee building, Los Angeles, today submitted a low bid of \$72,000 to the U. S. Engineer office for levee work on the Bear river.

Twelve proposals, with a bid range of more than \$62,000, were received by Lieut.-Col. L. B. Chambers, district engineer.

Work includes raising and strengthening existing levees and constructing new levee along the north and south banks of the Bear river between Feather River and Sacramento-Northern railway bridge.

### Total Bids

Total bids for the contract were as follows:

Erison-Knudsen Co. ....	\$72,452
McDougherty & Jones, San Francisco .....	76,323
Teichert & Son, Inc., Sacramento .....	82,291
Co Const. Co., Clearwater .....	90,931
Immel, Ventura .....	93,783
Metz & Taylor, L. A. ....	93,906
McDonald, Sacramento ..	93,947
W. Ruddy and G. E. Murray, Modesto .....	101,924
Weststreet & Bell, Marysville .....	102,020
Wiss & Huntley, L. A. ....	108,215
W. Oakley, L. A. ....	126,793
Wrickson and Watson Const. Co., Oakland.....	135,434

## BLISH PAMPHLET ON RUBBER FLOORING

A booklet describing Voorhees Pad sheet rubber flooring has been issued by Voorhees Rubber Mfg. Co., 125 East Forty-first Street, New York City. The brochure includes specifications for resilient floor covering, as well as illustrations of a number of applications. Copies may be obtained by writing the manufacturer.

## MATERIAL PRICE ADVANCE RESUMES

The building material wholesale price index, as reported by the U. S. Bureau of Labor Statistics, rose again during the week ended April 3 to reach 96.6 per cent of the 1926 level. The 0.4 per cent increase according to the bureau, was due chiefly to continued advances in wholesale lumber prices, together with rising prices for paving brick, china-wood and linseed oils, gravel and sand. Average prices for yellow pine lath, red lead, litharge, rosin, turpentine and plaster board were lower. Prices of cement and structural steel remained firm.

## CHAPTER PLANS APRIL 20 MEET IN SACRAMENTO

**Northern Calif. A. G. C. Will  
Hold Sessions With  
Officials**

Public officials will be guests of Northern California Chapter, Associated General Contractors of America, at a general "get-together" meeting to be held in Sacramento Friday evening, April 30. Secretary-Manager Floyd O. Booe announced yesterday.

Members and associate members of the chapter will gather to hear details of current and forthcoming public works programs, and to talk with officials in charge of these programs, Mr. Booe said.

### Banquet Scheduled

Detailed plans for the meetings are expected to be announced following a meeting of the chapter's directors next Tuesday, at which time speakers, entertainment and other features of the meeting will be determined.

The sessions, Mr. Booe said, will center around a banquet to be held Friday night in the Empire Room of the Hotel Senator.

## STATE INVITES BIDS FOR SPAN AT RED BLUFF

**Proposals Open May 5; Bids  
Also Scheduled for  
L. A. Paving**

SACRAMENTO, April 13.—Two contracts were authorized for advertising today by the State Division of Highways here, with bids scheduled to open in Sacramento and Los Angeles during the first week in May.

Opening in Sacramento May 5 will be proposals for constructing a plate girder bridge with concrete deck across the Sacramento river at Red Bluff, Tehama county.

The following day in Los Angeles the state highway engineer will receive bids for grading and paving about four miles in Los Angeles county.

The Red Bluff bridge will consist of two 143-foot spans, one 126-foot span, two 108-foot spans and two 96-foot spans, according to specifications made available to contractors today.

### Concrete Piers

Spans will be supported on concrete piers and abutments with steel pile foundations.

Principal bidding items include 1,022,000 pounds structural steel; 390,000 pounds bar reinforcing steel; 950 cubic yards of concrete footing blocks; 1700 cubic yards concrete piers; 1810 cubic yards concrete abutments and superstructure; 17,570 feet of steel piles including steel piles; removing an existing steel truss span; and others.

The contract for which the highway engineer will open bids in Los Angeles May 6 calls for grading, paving with Portland cement concrete and plant-mixed surfacing on about four miles of Carson street between Lakewood boulevard and Norwalk road.

Stocks of distillate oil burner, at the end of February, 1937, amounted to 48,699 units, more than double the stock at the end of February, 1936, of 20,278, the Bureau of Census reports.

# PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY			Architect—B. K. Dobkowitz, Brisbane.	Owner — Herman Christensen, 19 19th Ave.
No.	Owner	Contractor	Amt.	Architect—C. O. Clausen, 746 46th Ave. \$35
861	Baker	Owner	3000	DWELLING
862	Becker	Kinley	3000	(862) N. GARFIELD, 75 E ARCH. One-story and basement frame dwelling.
863	Becker	Kinley	3000	Owner—H. F. Becker, 1967 Ocean Ave.
864	Becker	Kinley	3000	Contractor—J. M. Kinley, 206 Judah St.
865	Blue	Aetna	4000	Architect—Not Given. \$3000
866	Boe	Owner	4000	DWELLING
867	Christensen	Owner	3500	(863) N. GARFIELD, 100 E ARCH. One-story and basement frame dwelling.
868	Christensen	Owner	3500	Owner—H. F. Becker, 1967 Ocean Ave.
869	Christensen	Owner	4000	Contractor—J. M. Kinley, 206 Judah. Architect—Not Given. \$3000
870	Christensen	Owner	3500	DWELLING
871	Christensen	Owner	3500	(864) N. GARFIELD, 50 E ARCH. One-story and basement frame dwelling.
872	Christensen	Owner	3500	Owner—H. F. Becker, 1967 Ocean Ave.
873	Christensen	Owner	4500	Contractor—J. M. Kinley, 206 Judah. Architect—Not Given. \$3000
874	Griffin	Wagner	2750	DWELLING
875	Harband	Akard	2000	(865) W. CAYUGA, 260 S SAN JUAN. One-story and basement frame dwelling.
876	Hoeffler	Owner	4000	Owner—Chas. Blue, care Contractor. Contractor—Aetna Const. Co., 1730 24th Ave.
877	Lamp	Wagner	4000	Architect—Not Given. \$4000
878	Lindauer	Baldwinson	4000	DWELLING
879	Nelson	Owner	5000	(866) E. 34TH AVE., 210 S SANTI- AGO. One-story and basement frame dwelling.
880	Stoneson	Owner	5000	Owner—A. M. Boe, 700 Joost Ave. Architect—Not Given. \$4000
881	Stoneson	Owner	5500	DWELLING
882	Stoneson	Owner	5000	(867) E. 45TH AVE., 50 N KIRK- HAM. One-story and basement frame dwelling.
883	Stoneson	Owner	5500	Owner—Herman Christensen, 1801 19th Ave.
884	Stoneson	Owner	5000	Architect—C. O. Clausen, 746 46th Ave. \$3500
885	Stoneson	Owner	5000	DWELLING
886	Warren	Larsen	3500	(868) NE KIRKHAM AND 45TH AVE. One-story and basement frame dwelling.
887	Warren	Larsen	6500	Owner — Herman Christensen, 1801 19th Ave.
888	Burd	Richardson	1700	Architect—C. O. Clausen, 746 46th Ave. \$3500
889	King	Owner	8000	DWELLING
890	King	Owner	3500	(869) NE KIRKHAM AND 45TH AVE. One-story and basement frame dwelling.
891	Kissling	Love & Haun	2450	Owner — Herman Christensen, 1801 19th Ave.
892	Lasten	Kerr	3800	Architect—C. O. Clausen, 746 46th Ave. \$3500
893	Little	Owner	6000	DWELLING
894	Lowery	Miller	1000	(870) E. 45TH AVE., 25 N KIRK- HAM. One-story and basement frame dwelling.
895	Newman	Miller	1000	Owner — Herman Christensen, 1801 19th Ave.
896	Riordan	Owner	4000	Architect—C. O. Clausen, 746 46th Ave. \$3500
897	Schmidt	Owner	3000	DWELLING
898	Schwytzer	Miller	1000	(871) N. KIRKHAM, 95 E 45TH AVE. One-story and basement frame dwelling.
899	Stoneson	Owner	5000	Owner — Herman Christensen, 1801 19th Ave.
900	Stoneson	Owner	5000	Architect—C. O. Clausen, 746 46th Ave. \$3500
901	Yenlie	Owner	3500	DWELLING
902	Duener	Owner	4000	(872) W. BEACHMONT, 366 S F SLOAT BLVD. Two-story and basement frame dwelling.
903	Fiedler	Maede	6500	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
904	Garfola	Callaghan	1700	DWELLING
905	Green	Barrett	2000	(873) W. BEACHMONT, 412 S F SLOAT BLVD. Two-story and basement frame dwelling.
906	Johnson	Owner	4800	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
907	Lange	Swanson	2000	DWELLING
908	S F Brew	Cahill	14000	(874) W. BEACHMONT, 50 S F SLOAT BLVD. Two-story and basement frame dwelling.
909	Lange	Swanson	2000	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
910	Meyer	Owner	3800	DWELLING
911	Meyer	Owner	3800	(875) SE COH. HOWARD & DOH- RTY. Alter factory.
912	Meyer	Owner	3800	Owner—Julius Harband, care Con- tractor.
913	Meyer	Owner	3800	Contractor—W. C. Akard, 225 C vantes.
914	Meyer	Owner	3800	Engineer—A. C. Griewank, 82 Sut- St. \$20
915	Newman	Luminad	2500	ALTERATIONS
916	Sharman	Owner	8000	(876) E. CALHOUN, 69 S UNIC Two-story frame flats.
917	Stokes	Beal	1000	Owner—I. W. Hoeffler, 22 Alta. Architect—Not Given. \$20
918	Valsangiacomo	Progressive	4000	ALTERATIONS
919	Appleton	Owner	2500	(877) 1480 WILLARD. Alter flat dwelling.
920	Cambridge	Owner	3500	Owner—Dr. Chas. Lamp, Prem. Contractor—Not Selected.
921	Clausen	Holt	5000	Architect—Vincent Buckley, 525 Al- ket St. \$40
922	Goyou	Berwick	4000	DWELLING
923	Hartman	Bienfield	7500	(878) E. CLAYTON, 246 S DEMI- One-story and basement fra- dwelling.
924	Karp	Karp	5000	Owner—Fernando Nelson & Son, 11 19th Ave.
925	Mohler	Owner	4000	Architect—Not Given. \$30
926	Neumarkel	Owner	4400	DWELLING
927	Neumarkel	Owner	4400	(880) W. BEACHMONT, 366 S F SLOAT BLVD. Two-story and basement frame dwelling.
928	Wagner	Owner	4000	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
929	Wagner	Owner	4000	DWELLING
930	Arco	Owner	5200	(881) W. BEACHMONT, 412 S F SLOAT BLVD. Two-story and basement frame dwelling.
931	Casey	Owner	8000	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
932	Dryfous	Malloch	3000	DWELLING
933	Golden Gate	Young	4000	(882) W. BEACHMONT, 274 S F SLOAT BLVD. Two-story and basement frame dwelling.
934	Golden Gate	Young	4000	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
935	Golden Gate	Young	4000	DWELLING
936	Golden Gate	Young	4000	(883) W. BEACHMONT, 50 S F SLOAT BLVD. Two-story and basement frame dwelling.
937	Golden Gate	Young	4000	Owner—Stoneson Bros., 1 Sloat Bl. Architect—Not Given. \$30
938	Golden Gate	Young	4000	DWELLING
939	Golden Gate	Young	4000	(884) N. KIRKHAM, 70 E 45TH AVE. One-story and basement frame dwelling.
940	Archbishop	Owner	7500	Owner — Herman Christensen, 1801 19th Ave.
941	Rosemont	Owner	4400	Architect—C. O. Clausen, 746 46th Ave. \$3500
942	Streiff	Owner	1000	DWELLING
DWELLING				(885) N. KIRKHAM, 70 E 45TH AVE. One-story and basement frame dwelling.
(861) NW SAN JOSE AVE., 75 W LIEBIG. One-story and base- ment frame dwelling.				
Owner—Jack W. Baker, Brisbane.				
Contractor—J. W. Baker, 167 Hum- boldt Road, Brisbane.				

- WELLING**  
 4) W. BEACHMONT, 320 S OF SLOAT BLVD. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Not Given. \$5000
- WELLING**  
 5) W. BEACHMONT, 458 S OF SLOAT BLVD. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Not Given. \$5000
- WELLING**  
 36) S. LOMBARD, 87 W KEARNEY. One-story and basement frame dwelling. Owner—Whitney Warren, Jr., 281 Telegraph Hill Blvd. Contractor—H. H. Larsen Co., 64 So. Park. Architect—Gardner A. Dalley, 210 Post St. \$3500
- WELLING**  
 7) S. LOMBARD, 88 W KEARNEY. Two-story and basement frame dwelling. Owner—Whitney Warren, Jr., 281 Telegraph Hill Blvd. Contractor—H. H. Larsen Co., 64 So. Park. Architect—Gardner A. Dalley, 210 Post St. \$6500
- ALTERATIONS**  
 8) 2312 WEBSTER. Alter flats. Owner—L. Burd, Prem. Contractor—Dan C. Richardson, 2149 15th St. Architect—Not Given. \$1700
- FLATS**  
 9) E. 26TH AVE., 50 N FULTON. Two-story frame flats. Owner—M. J. King, 231 Franklin. Architect—R. R. Irvine, 2048 Market St. \$8000
- FLATS**  
 1) E. 26TH AVE., 75 N FULTON. Two-story and basement frame flats. Owner—M. J. King, 231 Franklin. Architect—R. R. Irvine, 2048 Market St. \$5000
- ALTERATIONS**  
 1) 55 FEDERAL ST. Alter factory. Owner—Kissling Estate, 2535 Mission. Contractor—Love & Haun, 666 Mission. Architect—Not Given. \$2450
- ALTERATIONS**  
 2) SW COR. 7TH AND FOLSOM. Alter shop. Owner—Phillip Latsen, care Contractor. Contractor—Kerr & Rachele, 666 Mission. Architect—Not Given. \$3000
- WELLING**  
 1) W. 25TH AVE., 359 N OCEAN. One-story and basement frame dwelling. Owner—M. A. Little Co., 107 24th Ave. Architect—Masten & Hurd, 233 Post St. \$6000
- ALTERATIONS**  
 1) 2410 19TH AVE. Alter dwelling. Owner—M. Lowery, Prem. Contractor—Miller & McGillis, 4444 Geary Blvd. Architect—Not Given. \$1000
- ALTERATIONS**  
 1) 2414 19TH AVE. Alter dwelling. Owner—R. Newman, Prem. Contractor—Miller & McGillis, 4444 Geary Blvd. Architect—Not Given. \$1000
- DWELLING**  
 (896) W. 30TH AVE., 100 N SANTIAGO. One-story and basement frame dwelling. Owner—R. Riordan, 1275 Filbert. Architect—Not Given. \$4000
- DWELLING**  
 (897) E. HARRISON, 181 S 22ND ST. One-story and basement frame dwelling. Owner—Walter Schmidt, 25 Virgil St. Architect—Not Given. \$3000
- ALTERATIONS**  
 (898) 2458 19TH AVE. Alter dwelling. Owner—W. Schwytter, Prem. Contractor—Miller & McGillis, 4444 Geary Blvd.
- DWELLING**  
 (899) W BEACHMONT, 638 SLOAT BLVD. One-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Not Given. \$5000
- DWELLING**  
 (900) W BEACHMONT, 550 SLOAT BLVD. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Not Given. \$5000
- DWELLING**  
 (901) E. 23RD AVE., 175 N ORTEGA. One-story and basement frame dwelling. Owner—Theodore Veyhle, 1326 22nd. Architect—Not Given. \$3500
- DWELLING**  
 (902) 1. 12TH AVE., 100 N MORAGA. One-story and basement frame dwelling. Owner—James C. Duerner, 301 Evergreen. Architect—Not Given. \$4000
- DWELLING**  
 (903) W URBANO DR., 390 N ALVISO. Two-story and basement frame dwelling. Owner—F. Fiedler, 1281 Quesada. Contractor—Delmar Maede, 676 Jenevein Ave., San Bruno. Architect—Not Given. \$6500
- ALTERATIONS**  
 (904) 2 SANGABRIEL. Alter dwelling. Owner—Samuel Garfola, Prem. Contractor—Jack Callaghan, 900 Clayton. Architect—Not Given. \$1700
- CLASS C STORAGE**  
 (905) S BUSH, 200 W OCTAVIS. Class C Storage. Owner—Green's Eve Hospital, Prem. Contractor—Barrett & Hilp, 918 Harrison. Architect—Not Given. \$2000
- DWELLING**  
 (906) W. 25TH AVE., 200 N RIVERA. One-story and basement frame dwelling. Owner—J. Harold Johnson, 771 28th Ave. Architect—Not Given. \$4900
- ALTERATIONS**  
 (907) 776 41ST AVE. Alter dwelling. Owner—Wm F Lange, Prem. Contractor—Swanson Bros., 1241 11th Ave. Architect—Not Given. \$2000
- BREWERY**  
 (908) E JUNIPER, 100 S HARRISON. Three-story Class B Brewery. Owner—S F Brewing Corp., 490 10th St. Contractor—Cahill Bros., 206 Sansome St.
- Engineer—Warren E. Murray, 808 Hayes St. \$14,000
- ALTERATIONS**  
 (909) 776 41ST AVE. Alter dwelling. Owner—Wm. F. Lange, Prem. Contractor—Swanson Bros., 1241 11th Ave. Architect—Not Given. \$2000
- DWELLING**  
 (910) NE MARIETTA, 501 SE EVELYN WAY. One-story and basement frame dwelling. Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$3800
- DWELLING**  
 (911) NE MARIETTA, 526 SE EVELYN WAY. One-story and basement frame dwelling. Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$3800
- DWELLING**  
 (912) NE MARIETTA, 451 SE EVELYN WAY. One-story and basement frame dwelling. Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$3800
- DWELLING**  
 (913) NE MARIETTA DR., 426 SE EVELYN WAY. One-story and basement frame dwelling. Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$3800
- DWELLING**  
 (914) NE MARIETTA DR., 476 SE EVELYN WAY. One-story and basement frame dwelling. Owner—Meyer Bros., 735 Portola Dr. Architect—Not Given. \$3800
- ALTERATIONS**  
 (915) MISSION ST., NEAR 17TH ST. Alter store. Owner—Frank Newman Co., Prem. Contractor—Lumlad Corp., 5835 3rd Street. Engineer—L. H. Nishkhan, Underwood Bldg. \$2500
- DWELLING**  
 (916) W BUCHANAN, 49 S OF CHESTNUT. Two-story and basement frame dwelling. Owner—T. R. Sharnan, 3700 Broderick. Architect—Not Given. \$8000
- ALTERATIONS**  
 (917) 690 THIRD ST. Alter restaurant. Owner—Ralph Stokes, Prem. Contractor—K. C. Beal, 2745 16th St. Architect—Not Given. \$1000
- DWELLING**  
 (918) E ROSSI, 363 N TURK. One-story and basement frame dwelling. Owner—W. P. Valsangiacomo, 34 Ashbury St. Contractor—Progressive Bldg. Co., 231 Bosworth. Architect—Oscar R. Thayer, 244 Kearny. \$4000
- ALTERATIONS**  
 (919) 230 LOWELL. Alter apartments. Owner and Contractor—M. R. Appleton, 230 Lowell. Architect—Not Given. \$1,500
- DWELLING**  
 (920) NE IRVING ST. and 48th Ave. One-story and basement frame dwelling. Owner and Builder—J. M. Cambridge, 4620 Irving Street. Architect—Not Given. \$3,500
- DWELLING**  
 (921) W 23rd AVE., 201 N Ocean Ave. One-story and basement frame dwelling. Owner—Clausen & Hamlin, 746 46th Avenue.

Contractor—O. K. Holt, 3957 Army.  
Architect—C. O. Clausen, 746 46th  
Avenue. \$5,000

**DWELLING**  
(922) S OAKDALE 200 W Lane.  
One - story and basement frame  
dwelling.

Owner—L. Gouyou, care contractor.  
Contractor—A. Berwick, 1525 Noe St.  
Architect—Not Given. \$4,000

**FACTORY**  
(923) SE 16th and VERMONT Sts.  
One-story frame factory.  
Owner—M. L. Hartman.  
Contractor—D. L. Benfield, 666 Mis-  
sion Street.  
Architect—Hyman Rosenthal, 76 6th  
Avenue. \$7,500

**DWELLING**  
(924) N ANZA 75 W 29th Avenue.  
One - story and basement frame  
dwelling.  
Owner—Arthur W. Karp, 806 32nd  
Avenue.  
Contractor—Karp & Lindeman, 806  
32nd Avenue.  
Architect—Not Given. \$5,000

**DWELLING**  
(925) E 36th AVE. 150 S Anza St.  
One - story and basement frame  
dwelling.  
Owner and Builder—T. E. Mohler, 751  
28th Avenue.  
Architect—Not Given. \$4,000

**DWELLING**  
(926) E 36th AVE. 125 N Judah.  
One - story and basement frame  
dwelling.  
Owner and Builder—E. A. and O. C.  
Neumarkel, 2688 Greenwich St.  
Architect—Not Given. \$4400

**DWELLING**  
(927) E 36th AVE 100 N Judah.  
One - story and basement frame  
dwelling.  
Owner and Builder—E. A. and O. C.  
Neumarkel, 2688 Greenwich St.  
Architect—Not Given. \$4400

**DWELLING**  
(928) E NINTH AVE. 275 N No-  
riega. One-story and basement  
frame dwelling.  
Owner and Builder—R. Wagner, 121  
Dolores Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(929) E NINTH AVE 300 N No-  
riega. One-story and basement  
frame dwelling.  
Owner and Builder—R. Wagner, 121  
Dolores Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(930) W BRUNSWICK, 77 S OLI-  
VER One-story and basement  
frame dwelling.  
Owner—Arvo Bldg Co., 5401 Mission  
Architect—Not Given. \$3200

**STORE**  
(931) S IRVING, 120 W 22ND AVE.  
One-story frame store.  
Owner—G. Casey, 110 Sutter St.  
Contractor—Not Selected.  
Architect—Albert W. Burgren, 80  
Woodland \$5000

**DWELLING**  
(924) W BEAUMONT, 150 N OF  
TURK One-story and basement  
frame dwelling.  
Owner—Dr H. L. Dryfous, 490 Post  
St.  
Contractor—J. S. Malloch, 666 Mis-  
sion  
Architect—Not Given. \$5000

**DWELLING**  
(933) E 32RD AVE 525 N RIVERA  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.  
437 Kearny.

Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(934) E. 33D AVE. 450 N RIVERA.  
One-story and basement frame  
dwelling.

Owner—Golden Gate Investment Co.,  
437 Kearny.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(935) E. 33D AVE., 550 N RIVERA.  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.,  
437 Kearny.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(936) E. 33D AVE., 475 N RIVERA.  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.,  
437 Kearny St.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(937) E. 33D AVE. 400 N RIVERA  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.,  
437 Kearny.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(938) E 33D AVE. 500 N RIVERA  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.,  
437 Kearny.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**DWELLING**  
(939) E 33D AVE. 425 N RIVERA  
One-story and basement frame  
dwelling.  
Owner—Golden Gate Investment Co.,  
437 Kearny.  
Contractor—Samuel Young, 437 Kear-  
ny St.  
Architect—Not Given. \$4000

**SCHOOL**  
(940) E 24TH AVE., 100 N GEARY  
Two-story Class B School.  
Owner—Roman Catholic Archbishop  
of S. F., 100 Franklin St.  
Contractor—Not Selected.  
Architect—Arnold Constable, 580  
Market St.  
Engineer—K. Theill, 580 Market St.  
\$75,000

**DWELLING**  
(941) NW SAN BENITO AND  
OCEAN AVE One-story and  
basement frame dwelling.  
Owner—Ed. Rosemont, 176 Duhoce.  
Architect—Not Given. \$4400

**ALTERATIONS**  
(942) 26 LAFAYETTE PLACE. Al-  
ter dwelling.  
Owner—Louis Streiff, 2855 Palk St  
Contractor—Not Selected.  
Architect—Not Given. \$1000

#### ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
616	Dowling	Owner	7500
617	Bell	Rose	1800
618	Cary	Krause	1500
619	Christensen	Petersen	7000
620	Coca Cola	Owner	1250
621	Flatz	Owner	3000
622	Leikin	Owner	5750
623	Phipps	Owner	3400

624	Sange	Acme	800
625	Flagg	Owner	350
626	Flagg	Owner	350
627	Fredericks	Krattemaker	335
628	Herbat	Reimer	500
629	Independent	Swinerton	1500
630	Neal	Sicke	500
631	O'Toole	Strang	900
632	Tarner	Owner	600
633	Berk Brass	Owner	700
634	Volcan Fdy.	Norris	500
635	Bretherick	Owner	350
636	Diamond	Fox	175
637	Harris	Brown	650
638	Harris	Owner	100
639	Johnson	Owner	141
640	Ogden	Johnston	121
641	Railway	Early	631
642	Rhay	Dawson	100
643	Shaw	Owner	400
644	Smith	Waldman	400
645	Van Ness	Owner	340
646	Sivis	Walstrom	521
647	Willis	Crane	141
648	Winthwaite	Winthwaite	70
649	Christian	Branagh	300
650	Fink	Owner	541
651	Fitzgerald	Muller	2800
652	Hall	Griffith	350
653	Johnston	Owner	50
654	Melen	Owner	40
655	Pi Bldg.	Appelle	500
656	Kappa Delta	Armstrong	280
657	Williams	Owner	65
658	Nilsen	Younger	44
659	Beckett	Owner	35
661	Beckett	Owner	35
662	Beckett	Owner	35
663	Beckett	Owner	35
664	Constine	Munson	15
665	Garnett	Dam	50
666	Heltman	Owner	29
667	Niemi	Owner	15
668	Nauman	Owner	28
669	Roll-Away	Gettins	15
670	Larmer	Owner	50

**ALTERATIONS**  
(65) 5833 MENDOCINO AVENUE  
OAKLAND. Alterations to re-  
dence.

Owner—C. E. Butler.  
Architect—Not Given.  
Contractor—W. J. Baker.  
Filed, April 6, '37. Dated, April 2,  
Four progress payments, each \$400.  
TOTAL COST, \$1639.  
Limit, 24 days.

**DWELLING**  
(616) 1351 OAKLAND AVE., PIE  
MONT. Two-story 6-room dwel-  
ling and garage.  
Owner and Builder—Geo. F. Do-  
ling, 337 17th St., Oakland.  
Architect—Newsom & Newsom, S.  
Francisco. \$7,500

**ALTERATIONS**  
(617) 2100 OAKLAND AVE., PIE  
MONT. Alterations.  
Owner—T. W. Bell, 2010 Oak-  
land Ave., Piedmont.

Contractor—A. H. Rose, 478 25th St.  
Architect—John H. Thomas. \$1,500

**ADDITIONS**  
(618) 411 KENTUCKY, BERK-  
LEY. Additions.  
Owner—Dr. D. H. Cary, premises  
Contractor—E. J. Krause, 2437 Shu-  
tuck Ave., Berkeley.  
Architect—Not Given. \$1,500

**DWELLING**  
(619) 2001 BYWOOD DR., OAK-  
LAND. Two-story 6-room dwel-  
ling.  
Owner—C. F. Christensen.  
Contractor—J. B. Petersen and S.  
4024 Agra Vista Ave., Oakland  
Architect—E. B. De Chene, 351 11  
St., Oakland. \$7,000

**ALTERATIONS**  
(620) 3545 EAST 14th ST., OAK-  
LAND. Alterations.  
Owner and Builder—Coca Cola Be-  
vling Co. of Calif., 3001 Ches-  
man St., Oakland.  
Architect—Not Given. \$1,500

- DWELLING**  
(621) 2626 NICOL AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—J. S. Flagg, 3387 Morcom Ave., Oakland.  
Architect—Not Given. \$3,000  
Also 1-story garage, \$400.
- DWELLING**  
(622) 5914 BRUNS DRIVE, OAKLAND. Two-story 6-room dwelling.  
Owner and Builder—C. W. Leekins, 6054 LaSalle Ave., Oakland.  
Architect—Not Given. \$5,750
- DWELLING**  
(623) 18051 BROADWAY Terrace, OAKLAND. One-story five-room dwelling.  
Owner and Builder—B. L. Phipps, 50 First St., Oakland.  
Architect—Not Given. \$3,400  
Also 1-story garage, \$200.
- DWELLING**  
(624) LOT 510, Gaspar Dr., OAKLAND. One-story 8-room dwelling.  
Owner—Thos. Sange, 650 34th St., Oakland.  
Contractor—Acme Const. Co., 1649 25th Ave., Oakland.  
Architect—Irwin Johnson, 2122 7th Ave., Oakland. \$8,000
- DWELLING**  
(625) 4344 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner and Builder—J. S. Flagg, 3387 Morcom Ave.  
Architect—Not Given. \$3500  
Also garage, \$500.
- DWELLING**  
(626) 4328 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—J. S. Flagg, 3387 Morcom Ave.  
Architect—Not Given. \$3500  
Also garage, \$500.
- DWELLING**  
(627) 9307 CHERRY ST., OAKLAND. One-story 5-room dwelling.  
Owner—L. B. Fredericks, 4548 East 14th St.  
Contractor—C. J. Krattenmaker, 5322 James Ave.  
Architect—Not Given. \$3350  
Also 1-story garage, \$150.
- DWELLING**  
(628) 925 GRIZZLY PEAK BLVD., BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—Wm. A. Herbst, 3030 Regent.  
Contractor—S. Reimer, 921 Grizzly Peak Blvd.  
Architect—Not Given. \$5000
- ADDITION**  
(629) 2000 PERALTA ST., OAKLAND. Addition to factory.  
Owner—Independent Paper Stock Co., 650 7th St., San Francisco.  
Contractor—Lindgren & Swinerton, 1723 Webster St.  
Architect—L. S. Rosener, 233 Sansome St., San Francisco. \$15,500
- DWELLING**  
(630) 39 RONADA AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Geo. F. Neal, 20 21st Ave., San Francisco.  
Contractor—J. P. Sicks, 421 4th Ave., San Francisco.  
Architect—Not Given. \$5000
- DWELLING**  
(631) 4385 BRIDGEVIEW DRIVE, OAKLAND. Two-story 8-room dwelling.  
Owner—Anne O'Toole, 542 42nd St.
- Contractor—V. N. Strang, 1521 9th St., Alameda.  
Architect—Not Given. \$9000
- RESIDENCE**  
(632) 360 INDIAN ROCK, BERKELEY. Two-story residence.  
Owner & Builder—Alma Turner, 2412 Durant Ave.  
Architect—Not Given. \$6000
- ADDITIONS**  
(633) 2629 7TH ST., BERKELEY. Additions.  
Owner & Builder—Berkeley Braas Foundry Co., Prem.  
Architect—Not Given. \$1000
- ADDITION**  
(634) 1001 SAN LEANDRO ST., OAKLAND. Addition.  
Owner—Vulcan Foundry, 4401 San Leandro St.  
Contractor—R. Norris, 359 17th St.  
Architect—Not Given. \$5000
- DWELLING**  
(635) 3359 NEY AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. O. Bretherick, 3982 Whittle Ave.  
Architect—Not Given. \$3500
- ALTERATIONS**  
(636) 3625 GROVE ST., OAKLAND. Alterations.  
Owner—Diamond Dairy Co., Prem.  
Contractor—Fox Bros., 1478 University Ave., Berkeley.  
Architect—Not Given. \$1755
- DWELLING**  
(637) 5635 GRISBORNE RD., OAKLAND. One-story 6-room dwelling.  
Owner—Harold H. Harris, 5839 Roberts St.  
Contractor—John G. Brown, 5500 La Vigne Ave.  
Architect—W. H. Ratcliff, Berkeley. \$6500
- ALTERATIONS**  
(638) 6602 SAN PABLO AVE., OAKLAND. Alterations.  
Owner and Builder—J. Harris, 1904 Shattuck Ave., Berkeley.  
Architect—Not Given. \$1000
- DWELLING**  
(639) 2711 E. 9TH ST., OAKLAND. One-story 3-room dwelling.  
Owner & Builder—Mercedes Johnson, Prem.  
Architect—Not Given. \$1465
- GARDEN HOUSE**  
(640) 6226 ASCOT DR., OAKLAND. One-story brick garden house.  
Owner—John W. Ogden, Prem.  
Contractor—W. J. Johnston, Richfield Oil Bldg.  
Architect—Roger Blaine, 574 Florence Ave. \$1200
- SERVICE STATION**  
(641) 175 41ST ST., OAKLAND. 1-story steel service station.  
Owner—Railway Equipment & Realty Co., Prem.  
Contractor—Fred J. Early, Jr., 366 40th St.  
Architect—Kent & Hass, Underwood Bldg., San Francisco. \$6500
- ALTERATIONS**  
(642) 9430 OLIVE ST., OAKLAND. Interior alterations.  
Owner—N. Rhay, Prem.  
Contractor—Lloyd S. Dawson, 1972 Tiffin Road.  
Architect—Not Given. \$1000
- DWELLING**  
(643) 7811 GARFIELD, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Melvin C. Shaw, 1397 27th St.  
Architect—Not Given. \$4000
- DWELLING**  
(644) 2430-38-44 E. 28TH ST., OAKLAND. One-story 5-room dwellings (3).  
Owner—W. K. Smith, Martinez.  
Contractor—A. E. Waldman, 5409 Foothill Blvd.  
Architect—Not Given. \$4000 ea.  
Also 1-story garages (3), \$250 ea.
- DWELLING**  
(645) 3659 LAUREL AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—L. E. Van Ness, 4820 Park Blvd.  
Architect—Not Given. \$3400
- DWELLING**  
(646) 2983 DWIGHT WAY, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—Randolph Sizer, 2515 Piedmont Ave.  
Contractor—Carl Walstrom, 1447 Excelsior Ave.  
Architect—Gwynn Officer, 2068 Allston Way. \$5200
- ADDITIONS**  
(647) 618 SAN LUIS RD., BERKELEY. Additions.  
Owner—Mrs. Ellen H. Willis, Prem.  
Contractor—P. L. Crane, 1569 Spruce.  
Architect—Not Given. \$1450
- RESIDENCE**  
(648) 127 SOMERSET. One-story 5-room residence and garage.  
Owner—John G. Garthwaite, 420 15th Street.  
Contractor—George Windsor, 11 Sharon Ave.  
Architect—Not Given. \$7000
- CHURCH**  
(649) 619 TRENOR ST., OAKLAND. One-story church.  
Owner—Christian and Missionary Alliance, Prem.  
Contractor—J. E. Branagh, 116 Monticello Ave., Piedmont.  
Architect—Not Given. \$3000
- DWELLING**  
(650) 6001 PINWOOD RD., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—Dorothy C. Fink, 3401 Morcom Ave.  
Architect—Not Given. \$5400
- STORES**  
(651) SW COR 20TH AND TELEGRAPH, OAKLAND. One-story brick stores.  
Owner—Laura C. Fitzgerald, Prem.  
Contractor—F. A. Muller, 1416 Jefferson St.  
Architect—Miller & Warnecke, Financial Center Bldg. \$28,000
- DWELLING**  
(652) 2017 109TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—E. M. Hall, 1531 7th Ave.  
Contractor—C. W. Griffith, 1537 7th Ave.  
Architect—Not Given. \$3500
- ADDITIONS**  
(653) 1801 OXFORD, BERKELEY. Additions.  
Owner & Builder—C. R. Johnston, 2536 Ellsworth.  
Architect—Not Given. \$5000
- DWELLING**  
(654) 3979 FOREST HILL AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—E. E. Melen, 3032 E. 16th St.  
Architect—Not Given. \$1000
- SORORITY HOUSE**  
(655) 2300 WARING, BERKELEY. Three-story, 30-room sorority house.  
Owner—Pi Bldg. Asso., Prem.  
Contractor—Frank G. Appelle, 1067

Walker Ave., Oakland.  
 Architect—W. W. Wurster, 260 California St., San Francisco. \$50,000

**SORORITY HOUSE**  
 (656) 2661 WARRING ST., BERKELEY. Two-story sorority house.  
 Owner—Kappa Delta Sorority, Frem.  
 Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.  
 Architect—E. L. Snyder, 2101 Addison. \$28,000

**DWELLING**  
 (657) 433 SCENIC AVE., PIEDMONT. Two-story 6-room dwelling.  
 Owner and Builder—H. E. Williams, 839 Creed Road.  
 Architect—F. H. Slocome, 131 Monte Cresta Ave., Oakland. \$6500

**ALTERATIONS**  
 (658) 241 PARKVIEW, PIEDMONT. Alterations.  
 Owner—C. H. Nilsen, premisa.  
 Contractor—F. A. Younger, 5939 Sherwood Avenue.  
 Architect—Not Given. \$1495

**DWELLING**  
 (659) 128 HAZEL LANE, PIEDMONT. Two-story ten-room dwelling.  
 Owner and Builder—Albert A. Fair, Inc., 37 Capeton Avenue.  
 Architect—Houghton Sawyer. \$15,000

**DWELLINGS**  
 (660) 3527-75 DELMONT AVENUE OAKLAND. Two one-story five-room dwellings.  
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.  
 Architect—Not Given. \$3500 ea.

**DWELLING**  
 (661) 6128 BUENA VENTURA Ave. OAKLAND. One-story five-room dwelling.  
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (662) 6033 BUENA VENTURA Ave., OAKLAND. One-story five-room dwelling.  
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (663) 3651 DELMONT AVE., OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.  
 Architect—Not Given. \$3,500

**SERVICE STATION**  
 (664) 2099 GARFELD ST., BERKELEY. Service station.  
 Owner—Dr. L. S. Constine, 450 Sutter St., San Francisco.  
 Contractor—John Munson, 2419 15th St., San Francisco.  
 Plans by Richfield Oil Co. \$1500

**DWELLING**  
 (665) 3217 WISCONSIN ST., OAKLAND. One-story 6-room dwelling.  
 Owner—Mrs. M. Carnett, 1812 East 24th St., Oakland.  
 Contractor—J. A. Dam, 1318 E. 26th St., Oakland.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (666) 13070 BROADWAY Terrace, OAKLAND. One-story five-room dwelling.  
 Owner and Builder—L. E. Heltman, 1741 68th Ave., Oakland.  
 Architect—Not Given. \$2,900  
 Also 1-story garage, 3125. \$2,900

**DWELLING**  
 (667) 2123 1/2 BYRON ST., BERKELEY. One-story 3-room frame dwelling.  
 Owner and Builder—Andrew Niemi, 2123 1/2 Byron, Berkeley.  
 Architect—Not Given. \$1,500

**DWELLING**  
 (668) 6020 LEONA ST., OAKLAND. One-story 4-room dwelling.  
 Owner and Builder—Werner Naurman, 6020 Leona St., Oakland.  
 Architect—Not Given. \$2,600

**LUMBER SHED**  
 (669) 2709 EIGHTH ST., BERKELEY. One-room lumber shed.  
 Owner—Roll-Away Screen Co., 2709 8th St., Berkeley.  
 Contractor—H. T. Gettings Co., 268 13th St., San Francisco.  
 Architect—Not Given. \$1,500

**DWELLING**  
 (670) 212 ST. JAMES DRIVE, OAKLAND. Two-story 7-room dwelling and garage.  
 Owner and Builder—Edw. Larmer, 90 Fairview Ave., Oakland.  
 Architect—Chester Tretchel, Oakland \$5,000

**BUILDING CONTRACTS ALAMEDA COUNTY**

No. Owner	Contractor	Am't.
65	Sizer	Walstrom 5369
67	P T & T	Gates 1290
68	Selfridge	Petterson 1227
69	Bechtel	Haskell 28500
70	Railway	Early 14878

**RESIDENCE**  
 (66) PTN LOT 4 BLK C. Batchelder Tract, Berkeley. One-story frame residence and garage.  
 Owner—Rudolph S. and Laura S. Sizer, 2515 Piedmont Ave., Berkeley.  
 Architect—Gwynn Officer, 2068 Allston Way, Berkeley.  
 Contractor—Carl Walstrom, 1477 Excelsior Ave., Oakland.  
 Filed, Apr. 7, '37. Dated, Mar. 31, '37.  
 Frame up.....\$ 369.00  
 Usual 35 days.....5,000.00  
 TOTAL COST, \$5,369.00  
 Limit, 90 days. Plans and specifications filed.

**PAINTING**  
 (67) 2112-2116 BANCROFT WAY, BERKELEY. Painting, telephone building.  
 Owner—Pac. Tel. & Tel. Co., 1505 Part St., Alameda.  
 Contractor—Cliff Gates, 808 52nd St., Oakland.  
 Filed Apr. 9, '37. Dated Mar. 22, '37.  
 75%—Completion.  
 25%—Usual 40 days.  
 TOTAL COST, \$1290.00  
 Bond, \$1290. Surety Pac. Indem. Co.  
 Plans and specifications filed.

**REMODELING**  
 (68) 2138-40-42 UNION ST., OAKLAND. Remodel store and flats.  
 Owner—Grace B. Selfridge.  
 Architect—Edward G. Bollea.  
 Contractor—Karl Petterson.  
 Filed and Dated, April 12, 1937.  
 Roof on.....\$309.00  
 Complete.....678.00  
 Usual 35 days.....309.00  
 TOTAL COST, \$1,296.00  
 Limit, 30 days. Plans and Specifications filed.

**RESIDENCE**  
 (69) NW COR ESTATES DRIVE and Selborne Drive, Piedmont. Two-story frame residence.  
 Owner—W. A. Bechtel, Jr.  
 Architect—Miller & Warruck.  
 Contractor—A. A. Haskell.  
 Filed and Dated, April 12, 1937.  
 1st floor joists in place.....\$5643  
 Roof sheathing installed.....5943

Brown coated.....5643  
 Completion.....5643  
 Usual 35 days.....5643  
 One year after completion.....285  
 TOTAL COST, \$28,500  
 Bond, \$28,500. Sureties, American Surety Co. of New York. Limit, 120 days. Plans and specifications filed.

**SERVICE STATION**  
 (70) FORTIETH and Howe Sta., Oakland. Steel gas service station.  
 Owner—Railway Equipment & Realty Co., Ltd., 2129 Grove Street, Oakland.  
 Architect—Kent & Hass, 525 Market St., San Francisco.  
 Contractor—Fred J. Early, Jr., 366 40th St., Oakland.  
 Filed, April 14, '37. Dated, April 8, '37  
 Each month.....75  
 Usual 35 days.....25  
 TOTAL COST, \$14,878  
 Bond, \$14,878. Sureties, Columbia Casualty Co. Limit, before July 25. Plans and specifications filed.

**BUILDING CONTRACTS SAN FRANCISCO COUNTY**

No. Owner	Contractor	Am't.
69	Lindauer	Baldwinson 5800

**BUNGALOW**  
 (69) E 41st AVE. 250 S Judah St., 25x120. One-story frame hungar-low and social hall.  
 Owner—A. G. and S. S. Lindauer.  
 Architect—Not Given.  
 Contractor—Ingvar Baldwinson.  
 Filed, Apr. 13, '37. Dated, Apr. 8, '37.  
 Frame and roof on.....25%  
 Brown coated.....25%  
 Completion.....25%  
 Usual 35 days.....25%  
 TOTAL COST, \$5,800  
 Bond, \$5,800. Sureties, Continental Casualty Co. Limit, before July 25. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1,000**

ALTER store and flat, \$400; 2330 Clement St.; owner, J. I. Wall, 1514 Sanchez St.; owner, John Polan, 3858 25th St.  
 WALL, retaining, \$150; W Carolina 325 S 22nd St.; owner, J. Yakovenko, 883 Carolina.  
 SIGN, electric, \$200; 67 4th St.; owner, D. J. McCarthy, premises; contractor, Luminad Corp., 5835 Third St.  
 ALTER dwelling, \$360; 2455 Harrison St.; owner, V. Butler and W. Rodcock, premises; contractor, A-1 Contr. Co., 2433 Fillmore Street.  
 ALTER flats, \$100; 714 14th Street; owner, A. P. Simpson, 1538 Clay.  
 FLUES, \$75; E 38th Ave., 250 N Ca-brillo; owner, T. E. Mohler, 71 28th Ave.; contractor, Walters Furnace & Sheet Metal Works, 2230 Market St.  
 ALTER dwelling, \$490; 1550 47th Ave.; owner, F. Greeley, 1944 Fillmore.  
 SIGN, electric, \$20; 1356 Polk St.; owner, Dilley's Goodhousekeeping Shoppe, premises; contractor Luminad Corp., 5835 Third St.  
 ALTER flats, \$155; 3091 California; owner, Mr. and Mrs. Matakovich, 2838 Pine St.; contractor, California Concrete Co., 1632 1/2 Steiner Street.  
 ALTER dwelling, \$230; 619 34th Ave.; owner, J. M. Charley, premises; contractor, Hanson Bros., 5840 Mission St.  
 ALTER store, \$500; 2660 San Bruno Ave.; owner, Joe Tanna, prem.  
 BRACING, \$500; 1008 Larkin Street; owner, W. M. Craig, 369 Pine St.; contractor, Fred J. Early, Jr., 369 Pine Street.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Schools                     |
| 7.—Federal Buildings            | 17.—Banks, Stores and Lngs.     |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies & Etc.       |

## 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$20,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 Two-story frame and stucco apartment building (nine three-room apartments) tile and composition roof, hardwood floors, warm air heat, tile baths, individual refrigeration.  
 Owner—Mr. Cunningham.  
 Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.  
 Contractor—W. M. Caldwell, 2141 Hedding St., San Jose.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$16,500  
**SAN MATEO**, San Mateo Co., Cal.  
 Lot 25-A, Blk E, Dartmouth Way.  
 New apartment building.  
 Owner and Builder—Peerless Homes Inc., 1666 Lombard Street, San Francisco.  
 Architect—Not Given.

**Plastering Sub Bids Wanted — To Close April 29, 4 P. M.**

**APARTMENTS** Cost, \$.....  
**SAN FRANCISCO**, N. Pacific St., 1216 ft. E. of Gough St.

Six-story and basement steel frame Class C apartment building (30 3- and 4-room apartments; total of 105 rooms), hardwood floors, tile baths, modern interior decorations.

Owner & Builder—Oliver M. Rousseau, Inc., 321 Kearny St.  
 Architect—H. C. Baumann, 251 Kearny Street.

Engineer—James M. Smith, 251 Kearny Street.  
 Mr. Rousseau desires sub bids on the plastering work.

## 3—CHURCHES

**Plans Being Prepared**  
**AUDITORIUM** Cost, \$10,000

**COALINGA**, Fresno Co., Calif. Fifth and Hawthorne Streets.

One-story stucco church auditorium (66x70-ft.) main auditorium to seat 300 with adjoining room separated by sliding partitions to seat an additional 200; air conditioning system.

Owner—First Baptist Church of Coalinga.

Architect—W. D. Coates, Rowell Bldg., Fresno.

**Planned**  
**CHURCH** Cost, \$.....

**CROCKETT**, Contra Costa Co., Cal.  
 New two-story early California Mission type church building (auditorium, assembly hall and social room and Sunday school roof).

Owner—Crockett Community Church

Architect—Not Given.

Construction will start within a few weeks.

**Planned**  
**CHURCH** Cost, \$.....

**KNIGHTS LANDING**, Yolo Co., Cal. Mill and Six Streets.

New frame and stucco Methodist Church (120x120-feet).

Owner—Methodist Church (Rev. C. C. Black, Pastor).

Architect—Not Given.

New edifice will replace building destroyed by fire last June.

## 4— FACTORIES & WAREHOUSES

**Sub-Contracts Awarded**  
**WAREHOUSE** Cost, \$10,000

**SACRAMENTO**, Sacramento County, Calif., 1013 F Street.

One-story warehouse.

Owner—Crystal Cream Co., care contractor.

Architect—Not Given.

Contractor—Holdener Const. Co., 2608 R St., Sacramento.

Roofing—Buch Roofing Co., 1912 K Street.

Plumbing—L. U. Plummer, 1019 J Street.

Electric Wiring—Luppen and Hawley, 3126 J St.

Sheet Metal—Ahl Sheet Metal Wks., 2116 P St.

Tile Work—Fischer Tile & Marble Co., 1219 J St.

Glass—American Fuel & Materials Co., 1610 J St.

Brick and Stone—W. J. Clifford, 2815 S Street.

Mill Work—Sierra Mill & Lumber Co., 2nd and V Sts.

Lathing and Plastering—T. F. Scoltan Co., 2919 T St.

Steel Rolling Doors—Kinnear Mfg. Co., San Francisco.

Structural Steel—Palm Iron & Bridge Works, 15th and S Sts.

All of Sacramento unless otherwise noted.

## CONTRACT AWARDED

**LIVERMORE**, Alameda Co., Calif.—  
 Empire Construction Co. Ltd., Russ Bldg., San Francisco, at \$5,380, was awarded contract by the San Francisco Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 167, for construction of Livermore warehouse.

## LOW BIDDER

**SAN BERNARDINO CO.**, Calif.—  
 Guy E. Hall, 544½ S. Arlington Avenue, Los Angeles, submitted low total bid to the Metropolitan Water District at \$15,942, for constructing five warehouses in San Bernardino and Riverside counties.

**Being Done By Day's Work**  
**ALTERATIONS** Cost, \$50,000

**ROYVILLE**, Butte Co., Calif.

Alterations and additions to fruit canning plant

Owner—Hearst Sunical Land and Packing Corporation.

Architect—Not Given.

**Planned**  
**FACTORY** Cost, \$2,000,000

**NYSSA**, Malheur Co., Oregon.

Sugar beet factory, warehouse, bar racks, etc.

Owner—Amalgamated Sugar Co. Ogden, Utah.

Architect—Not Given.

**Plans Being Prepared**  
**WAREHOUSE & OFFICE** Cost, \$.....

**FRESNO**, Fresno Co., Calif.

One and two-story and part basement terminal warehouse and office building (400x54 ft.), reinforced concrete walls, wood roof trusses, Tyl-Lyke (metal) roof, skylights, steel sash, tile waterproofing and cement floors in toilet rooms, steel toilet partitions, overhead doors, concrete & wood floors, oil burning furnace, gas radiators, etc. (to house offices, garage, and loading dock).

Owner—Pacific Freight Lines & Valley Motor Lines.

Architect—Van Trees & Schaefer, 1103 Kerckhoff Bldg., Los Angeles

## PLANS COMPLETED

**GLENDALE**, Los Angeles Co., Cal.—  
 P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, will start work the latter part of the month on a Class C building, 100 x 150 feet in area, in Glendale, for the Southern California Gas Co. Architect Gordon B. Kaufmann, 827 S. Cardoene St., Los Angeles.

## CONTRACT AWARDED

**LOS ANGELES**, Cal.—P. P. Shelby, Chamber of Commerce Building, Los Angeles, awarded contract by Los Angeles harbor department at \$119,791 (subject to PWA approval) for constructing machine shops and laboratory facilities complete at Berth 161, L. A. Harbor; PWA Dock- et No. 1206, Unit No. 6. Plans by harbor engineer in San Pedro.

## Preparing Plans

**ADDITION** Cost, \$.....

**WATSONVILLE**, Santa Cruz County, Cal., 225 Third St.

One-story bottling plant annex (new filtration system and bottling apparatus).

Owner—Martinelli Bottling Works.

Architect—Not Given.

**Contract Awarded**  
**ADDITION** Cost, \$15,000

**OAKLAND**, Ala. Co., Calif., 2000 Peralta Street.

Addition to factory.

Owner—Independent Paper Stock Co., 650 7th St., San Francisco.

Engineer—L. S. Rosener, 233 Sansome Street, San Francisco.

Contractor—Lindgren & Swinerton, 1723 Webster St., Oakland.

**Planned**  
**FACTORY** Cost, \$25,000

**EUREKA**, Humboldt Co., Calif.

Modern Pres-to-log factory.

Owner—Pacific Lumber Co., Scotia.

Architect—Not Given.

Plans call for early construction to replace factory destroyed by fire last November.

## Being Done By Day's Work

**CREAMERY** Cost, \$25,000

**ACACATA**, Humboldt Co., Calif.

New creamery plant.

Owner—Nye & Nissen, Inc. (J. J. Smith, Representative).

Architect—S. Heiman, 605 Market St., San Francisco.

## Plans Being Figured—To Close

**About April 20**  
**INDUSTRIAL BLDG** Cost, \$.....

**SAN FRANCISCO**, Bryant Street

One-story and mezzanine reinforced concrete industrial building

Owner—Donald Maas, care Bothin Real Estate Co., 604 Mission St.

Architect—Angus McSweeney, 604 Mission Street.

Following selected list of contractors are figuring plans:

A. F. Mattock Co., 212 Clam St.

G. P. W. Jensen, 320 Market St.  
 Jacks & Irvine, 620 Market St.  
 F. R. Siegrist, 504 Mission St.  
 All of San Francisco.

**Plans Being Figured — Bids Close**  
 April 27, 1 P. M.

**WAREHOUSE & SHED** Cost, \$.....  
 OAKLAND, Alameda Co., Calif. 501  
 5th St.

Reinforced concrete warehouse unit with tile walls and tar and gravel roof, on pile and reinforced concrete foundations (25 x 80 ft.); steel frame shed with corrugated metal culvert on piles and reinforced concrete foundations (200 x 25 ft.); and driving of piles for future shed construction.

Owner—City of Oakland (W. W. Chappell, City Clerk).

Plans prepared by the City Engineering Department; Walter Frickstad, City Engineer.

Plans and specifications obtainable from the office of the City Engineer.

**Contract Awarded**  
**SHED** Cont. Pr., \$25,475  
 SAN JOSE, Santa Clara Co., Calif.  
 Race Street

One-story shed building (wood superstructure with brick fireproof walls, concrete foundations and floors).

Owner—U. S. Products Co.  
 Architect—Binder & Curtis, 35 West San Carlos, San Jose.

Contractor—E. O. Erhentraut and N. J. Nielsen, 201 S. Market St., San Jose.

**Sub Contracts Awarded**  
**INDUSTRIAL BLDG.** Cost, \$20,000  
 OAKLAND, Alameda Co., Calif. SW  
 Cor. 24th and Union Streets.

One-story reinforced concrete industrial building (50 x 115 feet), steel roof trusses, Class C construction, composition roof, steel sash.

Owner—J. C. White.  
 Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—Cahill Bros., 206 Sansome St., San Francisco.

**Roofing**—General Roofing Co., 3955 Beach St. Oakland.

**Painting**—A. A. Zelinsky & Sons, Inc., 911 Folsom St., San Francisco.

**Plumbing**—The Scott Co., 113 10th St., Oakland.

**Glass**—East Bay Glass Co., 621 6th St., Oakland.

**Steel Rolling Doors**—Kinneer Mfg. Co., 361 Brannan St., S. F.

**Plastering**—Fatta & Rinaldi, 2247 Filbert St., Oakland.

Sub contracts awarded to date published April 5.

**Sub Contract Awarded**  
**FACTORY** Cost, \$.....  
 SAN FRANCISCO S.E. Bayshore  
 and San Bruno Avenue.

One-story Class C addition to existing factory bldg. (concrete foundations, brick walls, steel sash, steel frame, composition roof, etc.)

Owner—Schlage Lock Co., 20 Blanken Street.

Engineer—W. Adrian, 417 Market St.  
 Contractor—Cahill Bros., 206 Sansome Street

**Roofing**—Alta Roofing Co., 976 Indiana St.

Sub contracts awarded to date published March 30

**5— FLATS**

**To Be Done By Days Work**  
**FLATS** Cost \$5,000 each  
 SAN FRANCISCO E 26th Avenue  
 50 and 75 N of Fulton Street.

Two two-story frame and stucco flat building.

Owner and Builder—M J King, 231 Franklin Street.

Architect—R. R. Irvine, 2048 Market Street.

**Preparing Preliminary Plans**

**FLATS** Cost, \$.....  
 SAN FRANCISCO. Jefferson St., nr  
 Baker St.

Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.

Owner—Dr. William Schiff.  
 Architect—Richard J. Neutra, 251 Kearny St.

**Preparing Preliminary Plans**

**FLATS** Cost, \$.....  
 SAN FRANCISCO. Jefferson St., nr  
 Baker St.

Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.

Owner—Max Michelson.  
 Architect—Richard J. Neutra, 251 Kearny St.

**6— GARAGES & SERVICE STATIONS**

**Sub-Contracts Awarded**

**GARAGE** Contract Price, \$10,538  
 FRESNO, Fresno Co., Calif. Corpora-  
 tion Yard, El Dorado and "G"  
 Streets.

One-story reinf. concrete municipal garage (steel trusses, steel sash, composition roof).

Owner—City of Fresno.  
 Plans prepared by the Fresno Department of Public Works.

Contractor—Louis Hansen & Son, 934 Safford Ave., Fresno.

**Roofing**—C. E. McMullin Co., 1225 Broadway.

**Plumbing**—R. A. Newman Co., 320  
 Broadway "H" Street.

**Sheet Metal**—Standard Sheet Metal  
 Works, 702 R Street.

**Glass**—W. P. Fuller & Company.

**Brick and Stone Work**—John Brown  
 187 Merced St.

**Lumber**—Maiser Bros., P. O. Box  
 2278.

**Mill Work**—Fresno Planing Mill Co.,  
 H and Monterey.

**Hardware**—Valley Lumber Co., P. O.  
 Box 1341.

**Painting**—M. W. Hancock, 2635 Tuolumne  
 Street.

**Lathing and Plastering**—Joe Masi,  
 515 Oleander St.

**Concrete**—N. Volanti, 2148 Clara St.  
 All of Fresno.

**Contract Awarded**

**SERVICE STATION** Cost, \$5,000  
 NAPA, Napa Co., Calif. SE Corner  
 Randolph and Second Streets.

New steel and concrete gasoline service station.

Owner—Pete Gasser, Napa.  
 Architect—Not Given.

Contractor—F. C. Stolte & Co., 1405  
 San Antonio Ave., Alameda.

**Contract Awarded**

**SERVICE STATION** Cost, \$5,500  
 OAKLAND, Alameda Co., Calif. 175  
 41st St.

One-story steel service station.

Owner—Railway Equipment & Realty Co.

Architect—Kent & Haas, Underwood  
 Bldg., San Francisco.

Contractor—Fred J. Early, Jr., 366  
 40th St.

**7— FEDERAL BUILDINGS**

**LOW BIDDER**  
 ROSEBURG, Ore.—George Isackson, Roseburg, Bldg. Portland at \$47,600, submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing and finishing complete O. T. Shops Building No. 17, at Veterans' Administration Facility, Roseburg, Ore.

**Electrical Contract Awarded**

**SUPPLY DEPOT** Contract Price, \$920,999  
 SACRAMENTO CO., Cal. Army Air  
 Corps Supply Depot, near North  
 Sacramento.

Two-story depot supply building and head house, and one-story west and east wings of warehouse; reinforced concrete and steel construction, conforming in general with the other buildings at the air base.

Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster).

Plans prepared by the office of the Quartermaster General of Construction Division, Washington, D. C.

Contractor—Eaton & Smith, 715 Ocean Ave., San Francisco.

Electric—Scott Buttner Electric Co., 2214 Webster St., Oakland.

**SUB BIDS WANTED**

SACRAMENTO—A. Nelson, Inc., 242 Ocean Ave., San Francisco, desires sub bids on all portions of the work for the construction of an addition to the U. S. Post Office, Court House, etc., at Sacramento, for which bids will be opened April 22, 1 p.m.

Plans by Supervising Architect, Treasury Department, Washington, D. C.

**BIDS WANTED**

SAN FRANCISCO.—Bids are now being received by the District Engineer, U. S. Mint, San Francisco, for an electric traveling crane. No bid openings date has yet been set.

Plans by Supervising Architect, Treasury Department, Washington, D. C.

**CONTRACT AWARDED**

SAN FRANCISCO—Standard Conveyor Co., St. Paul, Minn., at \$1,998 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for pneumatic tube system at the U. S. Mint, San Francisco.

Owner—U. S. Government.

**Site Selected**

**POST OFFICE** Cost, \$79,950  
 FRESNO, Calif. Northwest side of  
 Tulare St., bet. M and N Sts.;  
 320 ft. on Tulare St. and 237.5 ft.  
 on M St. and 225 ft. on N St.

United States Post Office.

Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**BIDS WANTED**

SAN GABRIEL, Los Angeles Co., Calif.—Until May 7, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for raised series in the U. S. Post Office at San Gabriel.

Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**BIDS WANTED**

FRESNO CO., Calif.—Until May 11, 2 p.m., bids will be received by the Department of the Interior, Purchasing Office, 18th and F Sts. NW, Washington, D. C., for constructing hospital and accessory buildings at Wishiah Sanatorium, Sacramento Agency, under P.P. 561. Plans and specifications may be obtained from the above office upon deposit of a certified check or postal money order for \$25 per set, payable to the purchasing officer. The project is located near Auberry in Fresno Co.

The ward building will be a one-story, frame structure, built in the shape of a cross. It will have a vapor heating system with an oil-fire boiler. In addition to the ward buildings, there will be three frame cottages.

**BIDS WANTED**

PORTLAND, Ore.—Until April 27, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for elevator and



remodeling at the U. S. Post Office at Portland.  
Specifications may be obtained from the above office.

**BIDS WANTED**

SAN FRANCISCO.—Until May 18, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**Contract Awarded**

RESIDENCES Cent. Fr., \$74,808  
FRIANT, Fresno Co., Calif. 22 miles north of Fresno Government Camp at Friant Dam, Central Valley Water Project.

Twenty-five cottages of pre-fabricated construction or built-in place. Each cottage will be approximately 61 ft. 6 in. by 34 ft. in size and will be divided into two residences separated by a garage space between. Foundations will be wood posts. Outside walls will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt-prepared shingles over roof boarding. Inside walls and ceilings will be covered with insulating building board. Floors will be shingle. (Spec. No. 706.)

Owner—U. S. Govt., Bureau of Reclamation. Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer.

Contractor—W. J. Ochs, Helm Bldg., Fresno.

**BIDS WANTED**

SAN MATEO, San Mateo Co., Cal.—Bids are now being received by the Custodian of the Building, U. S. Post Office, San Mateo, for additional heating facilities. No bid opening date has yet been set.

**CONTRACT AWARDED**

SAN FRANCISCO—The Lake Erie Chemical Co., Cleveland, Ohio, at \$248, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for tear gas installation at the U. S. Mint, San Francisco.

**Bids Wanted—To Close May 21, POST OFFICE** Cost, \$.

TULARE, Tulare Co., Calif. New U. S. Post Office.  
Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

**BIDS OPENED**

ELY, Nev.—E. & E. J. Pfozter, Philadelphia, Pa., at \$65,800, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Post Office at Ely.

Complete bids follow:

- E. & E. J. Pfozter, Phila., Pa. \$65,800
- Lundberg-Richter Co., Frederickshurg, Va. 68,950
- B. H. Sheldon, Kenewich, Wash. 70,930
- Blauer Constr. Co., Chicago, Ill. 73,300
- L. F. Dow Co., Los Angeles, Calif. 73,461
- F. R. Comb Co., Minneapolis, Minn. 73,492
- J. I. Barnes, Springfield, Mo. 74,559

- Schuler & McDonald, Oakland, Calif. 77,000
- A. Barnell Blair, Lake Charles, La. 76,211
- Brunzell & Jacobson, L. A., Calif. 79,574

**BIDS WANTED**

COLVILLE, Wash.—Until May 7, 1 p.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of the U. S. Post Office at Colville, Wash.

Drawings and specifications may be obtained from the above office. No deposit required for one set of plans. Additional sets, \$5,000 each. Estimated cost, \$85,000.

**BIDS WANTED**

SAN RAFAEL, Marin Co., Calif.—Until May 6, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at San Rafael.

Specifications may be obtained from the above office and from the Custodian of the building at San Rafael.

**CONTRACT AWARDED**

SAN FRANCISCO.—R. L. Cory, 50 Hawthorne St., at \$15,862, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for compressed air blowers, air compressor and water still at the U. S. Mint, San Francisco.

**CONTRACT AWARDED**

SAN FRANCISCO—Severin Elec. Co., 172 Clara St., at \$6,093, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for an emergency lighting plant and projectors at the U. S. Mint, San Francisco.

**BIDS WANTED**

SAN FRANCISCO, Calif.—Until May 4, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal shelving, etc., in the U. S. Mint at San Francisco.

Specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the building at San Francisco.

**BIDS WANTED**

MADERA, Calif.—Until May 7, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Madera.

Specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the building 24.

**BIDS WANTED**

REDDING, Shasta Co., Calif.—Until May 7, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Redding.

Specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the building at Redding.

**BIDS WANTED**

SALINAS, Monterey Co., Calif.—Until May 11, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Salinas.

Specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the building at Salinas.

**Bids Wanted—To Close May 21, POST OFFICE** Est. Cost, \$87,000  
TULARE, Tulare Co., Calif. New U. S. Post Office.  
Owner—United States Government. Plans by Supervising Architect of the Treasury Department, Washington, D. C.

Plans and Specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.  
Estimated cost includes office work.

**BIDS OPENED**

SAN PEDRO, Los Angeles Co., Cal.—Charles R. Carl, Los Angeles, at \$3,980, submitted low bid to the Procurement Division, Washington, D. C., for painting plaster at the U. S. Post Office and Courthouse, San Pedro, Calif.

- Complete bids follow:
- Charles R. Carl, L. A. \$3,980
- Commercial Decorating Service, Los Angeles 4,000
- Raphael Co., San Francisco 4,269
- Patterson Bros., Oakland 4,566
- H. L. Grohne, Decatur, Ill. 4,669
- W. Gelfand, Los Angeles 4,920
- D. Zelinsky & Sons, Inc., Los Angeles 4,983
- J. B. Worthington, San Diego 7,864

**LOW BIDDERS**

LOS ANGELES, Calif.—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles, at \$119,900, submitted low bid to the Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., for additions to Kitchen Bldg. No. 163, Veterans' Administration Facility, Los Angeles, Calif.

Separate bids were received for (I) General Construction, including Plumbing, Heating and Electrical Work; (II) Electric Elevators; and (III) Refrigerating and Ice Making Plant.

- Low bids follow:
- (I) General Construction
- Sarver & Zoss, Inc., L. A. \$119,900
- Robert E. McKee, L. A. 123,900
- (II) Electric Elevators
- Kimball Elevator Co., Ltd., 1579 W. Jefferson St., Los Angeles 3,014
- (III) Refrigerating & Ice Making
- Gay Engineering Corp., 2650 Santa Fe St., L. A. (a) 19,566 (b) 20,360
- A-1 Machine Co., L. A. (a) (b) 20,278

**8— CLUB BUILDINGS**

Plans Completed  
SWIMMING POOL Cost, \$  
SANTA CRUZ, Santa Cruz Co., Cal Pasatiempo Golf and Country Club.  
Owner—Pasatiempo Golf & Country Club.  
Architect—John Fennacy, 1700 Financial Center Bldg., Oakland.  
Bids will be asked at an early date

Preparing Preliminary Plans  
MEMORIAL BLDG. Cost, \$  
WILLETTS, Mendocino Co., Calif One-story frame and stucco Veterans' Memorial Building  
Owner—American Legion.  
Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa

**9— HOSPITALS**

Preparing Preliminary Plans  
HOSPITAL ADDITION Cost, \$25,000  
REEDLEY, Fresno Co., Cal One-story and basement addition to existing hospital (22 beds in private rooms and wards, operating quarters, dining rooms, etc.)  
Owner—Dr. Wiebe and Dr. Gaudin.  
Architect—Russell G. Gappie, 5907 Keith Ave., Oakland and David

H. Horn, 433 Rowell Bldg., Fresno, Associate Architects.

Upon completion of plans, general bids will be received in the office of Architect David H. Horn.

**Planned**  
HOSPITAL Cost, \$30,000  
YREKA, Siskiyou Co., Calif.  
Tuberculosis Hospital.  
Owner—County of Siskiyou.  
Architect—Not Given.

County Clerk Waldo Smith has been authorized to apply for a P.W. grant to assist in financing construction of hospital.

**BIDS WANTED**  
TULARE-KINGS COS., Calif.—Until April 23, 10 a. m., bids will be received by the Tulare-Kings Joint Tuberculosis Hospital Central Committee, Norman C. Wolf, Secretary, Court House, Visalia, for furnishing and delivering furniture and equipment for the Hospital buildings, located at Springville, Tulare County. Specifications obtainable from the office of Architect Ernest Kump, Rowell Bldg., Fresno.

## 10—HOTELS

Plans Being Figured — Bids Close April 20, 4:30 P. M.

RESTAURANT & MOTEL COURT

YOLO CO., Calif. Across the river from Sacramento.

Two-story modernistic stucco building (103 7/8 ft.), containing waffle shop, bar, cocktail lounge and banquet rooms on main floor and apartments and rooms on second floor, all air conditioned; and a motel court of 24 cabins (to be known as "Tiny's Rendezvous").

Owner—Macia, Naylor, and Nyberg, Inc.  
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Cost of the building is estimated at \$40,000; with equipment, etc., \$100,000.

Following contractors have prepared plans:

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

L. F. Gould, 1623 O St., Sacramento.

W. C. Keating, 1121 24th St., Sacramento.

Peterson & Steinbrenner, 1116 O St., Sacramento.

Campbell Constr. Co., 800 R St., Sacramento.

Holdener Constr. Co., 2608 R St., Sacramento.

H. W. Robertson, 3004 F St., Sacramento.

L. L. Watson, 1768 11th Ave., Sacramento.

## 12—POWER PLANTS

Plans Completed  
BUILDING Cost, \$.....

STOCKTON, San Joaquin Co., Cal.

Five-story San Joaquin and Lindsay Streets

New 3-story and basement Class A steel and concrete telephone exchange building (96x86-ft.)

Owner—Pacific T. & T. Co. (H. C. Britton, District Manager).

Plans by Engineering Department of Owner

Bids will be asked soon.

Bids Wanted — To Close April 23

WET MIX CONCRETE PLANT

OAKLAND, Alameda Co., Calif. Foot of Fifth Ave.

Wet mix concrete plant to consist house, office building, machine of main concrete plant, warehouse and garage, of reinforced concrete, steel and timber construction

Owner—Henry J. Kaiser Co., Latham Square Bldg., Oakland

Plans by Engineering Department of

Owner.  
Plans will be released to contractors desiring to figure plans on Apr. 12, and bids will be received at the Oakland office of the owners on Apr. 23. No deposit required for plans.

Bids will be received on all, or any combination thereof, of the five following schedules:

- (1) Foundations;
- (2) Timber Work;
- (3) Equipment installation (mixers, conveyors, etc.);
- (4) Electric work;
- (5) Miscellaneous building.

## LOW BIDDERS

COEUR D'ALENE, Idaho.—Fairbanks-Morse & Co., 1225 First St., Seattle at \$295,000, submitted low bid to the Coeur d'Alene City Council for construction of a municipal power plant and distribution system.

Three low bids follow:

Fairbanks-Morse & Co., Seattle, \$295,000.

Bennett & Taylor, Los Angeles, \$296,383.

S. G. Morin, Spokane, \$327,500.

An effort is being made to restrain the city from proceeding with the work.

## NEW BIDS WANTED

SKAGIT, Wash.—Until April 22, 10 A. M., new bids will be received by the Seattle Board of Public Works, 511 County-City Bldg., for the furnishing and erection of about 11,000,000 lbs. of galvanized, fabricated structural steel and construction of certain foundations for transmission towers for the Skagit Transmission Line No. 2.

Plans and specifications obtainable from the City Light Engineering Division, 253 City Light Bldg., Seattle, upon deposit of \$5.

## CONTRACT AWARDED

COEUR D'ALENE, Idaho.—Fairbanks-Morse & Co., 1225 First Street, Seattle, at \$295,000, awarded contract by the Coeur d'Alene City Council for construction of a municipal power plant and distribution system. Construction will be delayed pending settlement of litigation instituted by five Coeur d'Alene citizens who allege that the plant will be inadequate.

Plans Being Figured

ADDITION Cost, \$200,000

EMERYVILLE, Alameda Co., Calif.

5815 Peladeau Street.

Addition to plant (200x400 ft.) welded steel frame, composition roofing, sawtooth roof construction, 25,000 sq. ft. of steel sash, concrete walls to sill line, concrete floors, glazing, revision of railroad truckage, one 5-ton and one 10-ton crane. Painting to be let later.

Owner—Westinghouse Electric and Manufacturing Company.

Mgr. of Construction—F. J. Walker

Co., Sharon Bldg., San Francisco.

Structural Steel—Judson-Pacific Co., 609 Mission St., San Francisco.

Barrett & Hulp, 918 Harrison St., San Francisco, is figuring plans and desiring sub-bids on all portions of the work.

Owner—City of Redwood City (L. C. Dimmitt, City Manager).

Architect—Not Selected.

## 13—PUBLIC BUILDINGS

FIRE HOUSES & JAILS

Planned

CITY HALL Cost, \$65,000

REDFOOD CITY, San Mateo Co., Calif. (Site not selected).

New City Hall

Owner—City of Redwood City (L. C. Dimmitt, City Manager).

Architect—Not Selected.

Plans Being Figured—

Bids Close April 28, 8 P. M.

ADDITION Cost, \$.....

COALINGA, Fresno County. Addition to Library Bldg.  
Owner—Coalinga Eye Public Library (T. H. Robinson, Clerk, Board of Trustees, High School Building).

Architect—W. D. Coates, 626 Rowell Building, Fresno.

Plans and specifications obtainable from the office of the architect or the clerk upon deposit of \$25.

Bids Wanted — To Close April 27

3:00 P. M.

CENTRAL EXPOSITION TOWER

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Central Exposition Tower, approximately 100 ft. high with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood furring, and wood sheathing, wood frame decks with composition covering and plastered exterior.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Bids are now being received by the S. F. Public Utilities Commission, Room 287, City Hall, under S. F. Bay Exposition Contract No. 14, for constructing the Central Exposition Tower.

Bids are also being received by the same office until April 15, 3 p. m., under Exposition Contract No. 15, for furnishing and erecting 850 tons of structural steel for the tower.

Plans and specifications on both contracts may be obtained from Rm. 605, 425 Mason St., Engineer L. T. McAfee, upon deposit of \$20 each.

## ARCHITECTURAL SERVICES

SAN FERNANDO, Los Angeles Co., Calif.—Until April 26, 7:30 P. M., bids will be received by the San Fernando city council for architectural services to consist of working drawings, specifications, designing, structural engineering and supervision of construction of the proposed new San Fernando city hall.

The building is to be a fireproof structure, sufficient in size to house the municipal facilities of the city. I. A. Swartout, city clerk.

Plans Being Figured

ADDITION Cost, \$40,000

PLACERVILLE, El Dorado Co., Cal.

Two-story courthouse annex to house sheriff's office, custodian's apartment, and offices on main floor and jail quarters on second floor.

Owner—County of El Dorado

Architect—Jens C. Petersen, 812 26th St., Sacramento.

A bond election will probably be called to raise sufficient funds to finance construction.

Bids Opened

KEEPER'S QUARTERS, ETC.

Berkeley, Alameda County, Cal.

Aquatic Park.

Alteration of five existing wood and canvas tents to form U-shaped building to house keeper's quarters, lunch room, 36x24 ft., canoe storage room, and repair shop; new addition, wood structure, composition shingle roof, new roof sheathing, new siding, windows and doors, painting, plumbing, and electrical work; men's and women's locker and rest rooms, etc.

Owner—City of Berkeley (Florence Turner, City Clerk).

Lessee—Carl Zimmerman.

Architect—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

Low Bidder—John Bartlett, 1706 Parker St., Berkeley.

Complete bids follow:  
 John Bartlett, Berkeley..... \$5,616  
 John Tulloch, Oakland..... 6,095  
 Central Calif. Const. Co., S. F..... 6,632

**Proposed**  
**FIRE STA. & DRILL TOWER**  
 Cost, \$.....  
 MAYFIELD, San Mateo Co., Calif.  
 New frame fire station and 5-story  
 steel drill tower to be built on  
 present fire house site.  
 Owner—City of Mayfield.  
 Architect—Not Selected.

**Bond Election**  
**JAIL** Cost, \$.....  
**WATSONVILLE**, Santa Cruz Co.,  
 Calif.  
 New City Jail (including furniture,  
 fixtures, and equipment, etc.).  
 Owner—City of Watsonville.  
 Architect—Not Given.  
 Bert Kitchen, City Engineer.  
 A special election will be held May  
 10, to vote on a proposition to issue  
 \$24,000 in bonds to finance construction.

**BOND ELECTION**  
**PETALUMA**, Sonoma Co., Calif.—  
 The City of Petaluma will vote in  
 June on a proposal to issue bonds in  
 the amount of \$56,000, proceeds to  
 fundation of a new fire  
 station and fire fighting equipment.

**14— RESIDENCES**

**Plans Being Figured—To Close**  
**April 20, 2 P. M.**  
**RESIDENCE** Cost, \$.....  
**SONOMA COUNTY**, Cal. Near Se-  
 bastopol, Draton District.

One - story frame and stucco resi-  
 dence (10 rooms) shake roof,  
 oil burning hot air conditionlog  
 system, hardwood floors, tile  
 baths, etc.

Owner—Oscar Hallberg  
 Architect—Clarence Calkins, Rosen-  
 berg Bldg., Santa Rosa.  
 Following have taken out plans:  
 E. Ahlstrom, 323 1/2 South R Ave.,  
 Santa Rosa.  
 Sam Swindler, 353 Florence Ave.,  
 Sebastopol.  
 H. H. Chinnock, Rte. 3, Box 553,  
 Sebastopol.  
 D. D. Downey, Rte. 4, Box 126,  
 Sebastopol.

**Contract Awarded**  
**RESIDENCE** Cont. Price, \$4,575  
**SANTA ROSA**, Sonoma Co., Calif.  
 Howard Street.

One - story frame residence (five  
 rooms) exterior wood sheathing,  
 shake roof, hardwood floors, tile  
 bath, etc.

Owner—Eugene Carillo.  
 Architect—Clarence Calkins, Rosen-  
 berg Bldg., Santa Rosa.  
 Contractor—Carl Sullivan, Route 4,  
 Box 67-A, Santa Rosa.

Complete bids follow:  
 Carl Sullivan ..... \$4,575.00  
 E. Ahlstrom ..... 4,655.00  
 C. L. Personett ..... 4,838.00  
 Karl P. Petterson ..... 4,718.00  
 E. R. Todd ..... 4,996.63

**Contract Awarded**  
**RESIDENCE** Cost, \$10,816  
**SAUSALITO**, Marin Co., Calif.  
 Two-story frame residence.

Owner—H. Silverstone, Sausalito  
 Heights.  
 Architect—William I. Garren, 233  
 Post St., San Francisco.

Contractor—B. A. Howkins & Co.,  
 1182 Market St., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$4,500  
**SAN FRANCISCO**, E. Rossi, 363 ft.  
 N. Turk St.

One - story and basement frame and  
 stucco residence.

Owner—W. P. Valsangiocomo, 34  
 Ashbury St.

Architect—Oscar R. Thayer, 244  
 Kearny St.  
 Contractor—Progressive Bldg. Co.,  
 231 Bosworth St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
**SAN FRANCISCO**, W. Buchanan  
 St., 49 S Chestnut St.  
 Two - story and basement frame and  
 stucco residence.  
 Owner & Builder—T. R. Sharman,  
 8700 Broderick St.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$44,000 each  
**SAN FRANCISCO**, NE Marietta, SE  
 Evelyn Way.  
 Five one-story and basement frame  
 and stucco residences.  
 Owner & Builder—Meyer Bros., 735  
 Portola Drive.  
 Architect—Not Given.

**Plans Being Figured—To Close**  
**April 27, 12 Noon** Cost, \$.....  
**RESIDENCE** Cost, \$.....  
**OAKLAND**, Alameda Co., Calif. Se-  
 quoa Hills.

Two - story frame and stucco resi-  
 dence (7 rooms) wood shake roof  
 hardwood floors, tile baths, etc.  
 Owner—W. G. Gerend.  
 Architect—Frederick H. Remmers, 233  
 Post St., San Francisco.

Plans are being figured by the  
 following list of contractors:  
 F. C. Stolte Co., 1405 San An-  
 tonio Ave., Alameda.  
 C. M. Teiglund, 4668 Dolores Ave.,  
 Oakland.  
 Henry W. Arnold, 816 Oak Street,  
 Alameda.

Victor Sigge, 3912 Linwood Ave.,  
 Oakland  
 Olaf Petersen, 3626 Rhoda Ave.,  
 Oakland  
 F. M. Benet, 3512 17th St., Oak-  
 land.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**OAKLAND**, Alameda Co., Cal. 5635  
 Grisborne Road.

One - story frame and stucco resi-  
 dence (6 rooms).  
 Owner—H. H. Harris, 5839 Roberts  
 St.

Architect—W. H. Ratcliff, American  
 Trust Bldg., Berkeley.  
 Contractor—John G. Brown, 5500 La  
 Verne Ave., Oakland.

**Preparing Preliminary Plans**  
**RESIDENCE** Cost, \$10,000  
**OAKLAND**, Alameda Co., Cal. Coch-  
 ran Avenue.

Two - story frame and stucco resi-  
 dence (6 rooms) shingle roof,  
 hardwood floors, hnoleum baths.

Owner—Withheld.  
 Architect—Williams & Wasteil, 337  
 17th St., Oakland.

Plans will be figured by a select-  
 ed list of contractors.

**Plans Completed — Owner Taking**  
**Bids** Cost, \$7,500  
**RESIDENCE** Cost, \$7,500  
**SALINAS**, Monterey Co., Calif.

One and one-half story frame resi-  
 dence (eight rooms, 2 baths),  
 shake roof hardwood floors, gas  
 (red hot air heating system, tile  
 bath, etc.

Owner—Mr. and Mrs. Joe Rogers.  
 Architect—Chas E. Butner, 7 Win-  
 ham St., Salinas.

**Owner Taking Sub Bids**  
**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO**, Arden Woods  
 Ave and Boat Blvd.

Two-story frame and stucco resi-  
 dence (7 rooms), hardwood floors,  
 tile baths, hot air heating sys-  
 tem, tile and composition roof,  
 etc.

Owner & Builder—Standard Building  
 Company, 1500 Judah St.

Architect—D. E. Jaekle, 126 Post St.  
**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$.....  
**PIEDMONT**, Alameda Co., Cal. Ran-  
 son Garden.

Two-story frame residence (10 rms.,  
 4 baths) Colonial style, shingle  
 roof, hardwood floors, tile baths,  
 oil burning heating system, etc.  
 Owner—W. L. Oliver, 2nd, care Ar-  
 chitect.

Architect—C. W. Mayhew, 6026 Aca-  
 cia St., Oakland.  
 Contractor—D. Nordstem, 4150 Em-  
 erald St., Oakland.

**Roofing**—W. L. Ridout, 642 Pacific  
 Ave., Alameda

**Plumbing**—J. R. Pierce Pblg. Co.,  
 1544 73rd Avenue.

**Electric Wiring**—Motor Electric Co.  
**Sheet Metal**—Aladdin Heating Corp.,  
 5107 Broadway.

**Glass**—W. P. Fuller & Co., 259 10th  
 Street.  
**Hardwood Floors**—Rex Floor Co. 2468  
 65th Avenue.

**Brick and Stone Work**—Herschel &  
 Reinecke, 830 E 11th St.  
**Grading**—Ariss-Knapp Co., 961 41st  
 Street.

**Foundations**—Nat Lena, 1174 19th St  
 Lumber—E. K. Wood Lbr. Co., Fred-  
 erick and King Streets.

**Mill Work**—Oakland Planning Mill,  
 Inc., 105 Washington St.  
**Hardware**—Maxwell Hardware Co.,  
 1520 Washington St.

**Painting**—Fatterson Bros., 573 Santa  
 Rosa Ave., Berkeley.  
**Lathing and Plastering**—H. Thorn-  
 dike, 2450 E 21st Street.

All of Oakland, unless otherwise  
 noted.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$6,700  
**LOS ALTOS**, Santa Clara Co., Cal.  
 One-story adobe residence (5 rooms,  
 1 bath) shake roof, oak plank  
 floors, oil burning furnace and  
 water heater.

Owner—Mr. Carr.  
 Architect—Edw. W. Kress, 402 First  
 National Bank Bldg., San Jose.  
 Contractor—Wm. Schwartz, 521 So.  
 Eighth St., San Jose.

**Grading**—Henry Sand, 1018 Malone  
 Road.  
**Foundations & Concrete**—J. C. Bate-  
 man, Route 4, Box 55

**Lumber and Mill Work**—The Min-  
 ton Lumber Co., 559 Front St.  
 Mountain View.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$11,500  
**PALO ALTO**, Santa Clara Co., Calif.  
 2060 Webster Street.

One - story frame and stucco resi-  
 dence and garage.  
 Owner—Alfred Seale, Jr.  
 Architect—A. W. Hawes, Los Ange-  
 les.

Contractor—E. Tunberg & Co., P. O.  
 Box 329, Palo Alto.

**Plumbing**—John Dahl, 325 Alma St.  
**Heating and Sheet Metal**—E. L. Shil-  
 ler, 815 High Street.

**Glass**—Acme Glass Co., 851 Alma St.  
**Hardwood Floors**—A Backlund, 559  
 Kingsley Ave.

**Brick & Stone Work**—Walker Bros.,  
 950 Noble Ave., Menlo Park  
**Grading**—E. Strain, Route 1, Box 539  
**Lumber**—Merner Lbr. Co., 795 State  
 Highway.

**Mill Work**—Pacific Mfg. Co., Santa  
 Clara  
**Lathing and Plastering**—I. T. Bridges  
 654 Oberlin St

**Bids In—Under Adviseiment**  
**RESIDENCE** Cost, \$5,500  
**LOS GATOS**, Santa Clara Co., Calif.  
 One - story frame and stucco resi-  
 dence (shake roof, tile bath,  
 hardwood floors, gas furnace,  
 steel and wood sash, etc.)

Owner—Beryl Welsh  
 Architect—Edw. W. Kress 402 First

National Bank Bldg., San Jose.  
Announcement will be made shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
SAN MATEO CO., Calif., Alpine Rd.,  
2 mi. W. of Skyline Blvd.  
Two-story and basement frame and  
stucco residence.  
Owner—P. A. Drew, Matson Bldg.,  
San Francisco.  
Architect—Not Given.  
Contractor—R. W. True, Mountain  
View.

**Preparing Sketches**  
**LODGE** Cost, \$5,000  
CARMEL, Monterey County.  
Small lodge and playhouse.  
Owner—Withheld.  
Architect—Milton Latham, Carmel.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
SAN FRANCISCO, W. Urbano Drive,  
390 ft. N. of Alviso St.  
Two-story and basement frame and  
stucco residence.  
Owner—F. Fielder, 1281 Quesada St.  
Architect—Not Given.  
Contractor—Delmar Maede, 676 Jen-  
vein Ave., San Bruno.

**Contract Awarded**  
**RESIDENCE** Cost, \$9,000  
OAKLAND, Alameda Co., Cal. 4355  
Bridgeview Drive.  
Two-story frame and stucco resi-  
dence (8 rooms).  
Owner—Anne O'Toole, 542 42nd St.,  
Oakland.  
Architect—Not Given.  
Contractor—V. N. Strang, 1521 9th  
St., Alameda.

**Contract Awarded**  
**RESIDENCES** Cost, \$3500-\$4000 each  
SANTA CRUZ, W. Maxwell Ave., E  
Trevathan Ave., S Melrose Ave. and  
N Parnell St.  
Seventeen one-story frame resi-  
dences.  
Owner—Harry R. Lord.  
Architect—Not Given.  
Contractor—Irwin C. Barshaw, Santa  
Cruz.  
Construction is now under way on  
initial residence.

**Plans Being Figured — To Close Apr.**  
**20, 2 P. M.**  
**RESIDENCE** Cost, \$35,000  
SAN RAFAEL, Marin Co., Cal. Golf  
Club Tract.

Two-story and basement frame and  
stucco residence (12 rooms, 4  
baths); tile roof, tile terraces,  
tile baths, steam heat, concealed  
radiation, three-car garage.  
Owner—Name Withheld.  
Architect—S. Heiman, 605 Market  
St., San Francisco.

Bids will be received in the office of  
Mr. Shrader, Trust Dept., Wells  
Fargo Bank Bldg., Market and Mont-  
gomery sts.

Plans are being figured by the fol-  
lowing selected list of contractors:  
Jack & Irvine, 620 Market St.  
Leibert & Trobeck, Albert Bldg.,  
San Rafael.  
Mills Construction Co., Russ Bldg.,  
J. S. Mallon, 666 Mission St.  
G. P. W. Jensen, 320 Market St.

**Completing Plans**  
**RESIDENCES** Cost, \$4,500 each  
SAN FRANCISCO, Calif. Westwood  
Highlands

Two one-story frame and stucco and  
wood siding residences; composi-  
tion and composition shingle  
roofs, hardwood floors, tile baths,  
etc.

Owner & Builder—Fred Thorinson,  
1630 Ocean Ave.  
Architect—D. E. Jackle, 126 Post St.

**Sub Contracts Awarded**  
**RESIDENCE** Cont. Pr., \$8,242

SAN JOSE, Santa Clara Co., Calif.  
Two-story frame and stucco resi-  
dence (7 rooms, 2 baths), shake  
roof, hardwood floors, gas fired  
hot air heating system, wood  
sash, etc.

Owner—M. Twombly.  
Architect—Binder & Curtis, 25 West  
San Carlos St., San Jose.

Contractor—J. Schirle, 77 Hollywood  
Ave., San Jose.

**Roofing**—J. M. Schirle, 77 Hollywood  
St.

**Plumbing, Heating & Sheet Metal**—  
Frank M. Corpstein, 281 J. 17th  
St.

**Electric**—Schutte Bros., 37 Fountain  
St.

**Tile**—Thomas H. Price Co., 90 Vine  
St.

**Glass, Lumber & Mill**—Pacific Mfg.  
Co., Santa Clara.

**Hardwood Floors**—Best Floor Co.,  
189 Park St.

**Iron Grille Work**—Otto Hellwig, 407  
Vine St.

**Brick & Stone**—F. Filben, 1140 Mar-  
tin Ave.

**Grading, Foundations & Concrete**—J.  
C. Bateman, Rt. 4, Box 55.

**Hardware**—San Jose Hardware, 62 W.  
San Fernando St.

**Painting**—Mortensen Bros., 453 At-  
lanta St.

**Lathing & Plastering**—Samuel Cac-  
camo, 420 Race St.  
All of San Jose, unless otherwise  
noted.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$14,500  
PALO ALTO, Santa Clara Co., Calif.

Two-story frame and stucco resi-  
dence and garage.

Owner—F. E. Johnstone, Center St.,  
Palo Alto.

Architect—Not Given.  
Contractor—Peterson & Frykman, 197  
Willow Road, Palo Alto.

**Plumbing**—Lee & Sharp, 611 Em-  
erson St.

**Electric**—Burkhardt Electric Works,  
441 Emerson St.

**Heating & Sheet Metal**—Mead Sheet  
Metal works, 2451 El Camino  
Real.

**Tile**—Peninsula Art Tile Co.  
Hardwood Floors—A. Backlund, 559  
Kingsley Ave.

**Brick & Stone**—C. F. Glen, 305 Euclid  
Ave.

**Lumber**—McElroy Lumber Co., 1450  
El Alameda.

**Mill Work**—Pacific Mfg. Co., Santa  
Clara.

**Hardware**—Palo Alto Hardware Co.,  
278 University Ave.

**Painting**—W. Reilly, 934 Webster St.

**Lathing & Plastering**—W. Davis,  
Mountain View.

All of Palo Alto, unless otherwise  
noted.

**To Be Done by Days Work**  
**RESIDENCE** Cost, \$6,500  
SAN FRANCISCO, W 25th Avenue  
359 N of Ocean Avenue.

One-story and basement frame and  
stucco residence.

Owner & Builder—M. A. Little Co.,  
107 24th Avenue.

Architect—Masten & Hurd, 233 Post  
Street.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000

PETALUMA, Sonoma Co., Calif.

Two-story frame and stucco resi-  
dence

Owner—A. Anglus.

Architect—J. D. Wagenet, 1539 Fern-  
wood Drive, Oakland.

Contractor—Cornelius - Meyer - Cor-  
nell, Petaluma.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,000

SAN MATEO, San Mateo Co., Cal.

Cor. Clark Dr. and Costa  
Way.

Two-story frame and stucco resi-  
dence

Owner—J. E. Haffen, 86 3rd Ave.,  
San Mateo.

Architect—Ed. M. Sharpe, 111 Sut-  
ter, St., San Francisco.

Contractor—B. Oswald, 760 El  
Cerrito Way.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,000

OAKLAND, Alameda Co., Cal. 433  
Scenic Drive.

Two-story frame and stucco resi-  
dence (6 rooms) and garage.

Owner & Builder—H. E. Williams,  
839 Creed Road.

Architect—F. H. Slocum, 131 Monte  
Cresta Ave., Oakland.

**Plans Being Figured — To Close**  
**April 28, 5 P. M.**

**RESIDENCES** Cost, \$4,500 each

MENLO PARK, San Mateo Co., Cal.

Two one-story frame and stucco resi-  
dences; hardwood floors, tile  
baths, shingle roofs, etc.

Owner—Name Withheld.

Architect—Mario Corbett, 72 Third  
Ave., San Mateo.

Plans are being figured by the fol-  
lowing selected list of contractors:

Moses Little, 2546 27th Ave., San  
Francisco.

M. Dickson, Box 1, San Bruno.

Vance M. Brown, 1226 Middlefield  
Road, Palo Alto.

Geo. Arthur & Sons, 16 W. Santa  
Inez Ave., San Mateo.

A. E. Orton, 151 Harriett Ave., Palo  
Alto.

Fred Simpson.

**Bid Opening Date Postponed Until**  
**April 21**

**RESIDENCE** Cost, \$11,500

HILLSBOROUGH OAKS, San Mateo  
Co., Calif.

One-story wood rustic residence;  
shake roof, hardwood floors, tile  
bath, gas warm air heating sys-  
tem, etc.

Owner—Name Withheld.

Architect—Mario Corbett, 72 Third  
Ave., San Mateo.

Plans are being figured by the fol-  
lowing selected list of contractors:

H. T. Holsher, 325 Elm St., San  
Mateo.

C. J. Pedersen, 734 Prospect Row,  
San Mateo.

A. E. Orton, 151 Harriett Ave., Palo  
Alto.

R. A. White, 744 Crossway Road,  
Burlingame.

Langfield & Olund, Ltd., 220 Third  
Ave., San Mateo.

Harold Gray, 1307 Bay St., San  
Francisco.

Bids postponed from April 19.

**Plans Being Figured — To Close**  
**April 20, 5 P. M.**

**RESIDENCE** Cost, \$5,000

SAN MATEO, Calif.

One-story frame and stucco resi-  
dence, shake roof, warm air gas  
fired heating system, wood sash,  
hardwood floors, tile baths, etc.

Owner—Name Withheld.

Architect—John K. Ballantine, Jr.,  
137 Harlan St., San Francisco.

Plans are being figured by a se-  
lected list of contractors.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$12,000-\$15,000

LYDDON PARK, Atherton, San  
Mateo Co., Calif.

One-story modified French Colonial  
residence (3 bedrooms, 2 baths);  
concrete foundations, wood frame,  
plaster exterior, hardwood floors,  
tile baths, gas hot air heating  
and air conditioning system, roof-  
ing probably will be copper.

Owner & Builder—Home Building  
Service Co., 101 Post St., San  
Francisco.

Architect—Mark Daniels, 101 Post  
St., San Francisco.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
 OAKLAND, Alameda Co., Cal. 6248  
 Claremont Ave.  
 Two-story frame and stucco duplex  
 residence (8 rooms).  
 Owner & Builder—C. J. Pfrang, 6300  
 Claremont Ave.  
 Architect—Not Given.

**Bids In—Under Advisement**  
**RESIDENCE** Cost, \$.....  
 SAN FRANCISCO. Vallejo St.  
 Two-story frame and stucco resi-  
 dence (12 rooms, 6 baths), slate  
 roof, hardwood floors, tile baths.  
 Owner—Lloyd Meyers.  
 Architect—Farr & Ward, 68 Post St.,  
 San Francisco.

Bids were received from a selected  
 list of contractors. Announcement  
 will be made shortly.

**Working Drawings Completed**  
**RESIDENCE** Cost, \$5,000  
 HOLLISTER, San Benito Co., Calif.  
 One-story frame residence (wood  
 sash, shingle roof, hot air heat-  
 ing system, etc.)  
 Owner—Wirth Thomas.  
 Architect—Chas. E. Butner, 7 Win-  
 ham St., Salinas.  
 Bids will be taken next week by  
 the owner.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
 PIEDMONT, Alameda Co., Cal. St.  
 James Wood.  
 Residence.  
 Owner—Withheld.  
 Architect—Miller & Warnecke, Fi-  
 nancial Center Bldg., Oakland.  
 Contractor—Albert Haskell, 255  
 Ridgeway Ave., Oakland.

**Bids In—Held Under Advisement**  
**ALTER RESIDENCE** Cost, \$ .....  
 SAN FRANCISCO, 2417 Broadway.  
 Alterations to residence.  
 Owner—Dr. Ralph Soto-Hall, c/o ar-  
 chitect.  
 Architect—W. W. Wurster, 260 Cali-  
 fornia Street.

**Contract Awarded**  
**STUDIO BLDGS.** Cost, \$ .....  
 SAN FRANCISCO, Lombard Street  
 off Kearny Street.  
 One two-story studio building (two  
 studios) and one one-story studio  
 building, each consisting of one  
 large studio, bedroom, kitchen  
 and bath (frame and redwood  
 siding and some exterior plaster,  
 hardwood floors, tile baths, etc.)  
 Owner—Whitney Warren, Jr.  
 Architect—G. A. Dailey, 210 Post St.  
 Contractor—H. H. Larsen Co., 64  
 South Park.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
 OAKLAND, Alameda Co., Calif. 1351  
 Oakland Ave.  
 Two-story frame and stucco resi-  
 dence (6 rooms).  
 Owner & Builder—Geo. F. Dowling,  
 337 17th St., Oakland.  
 Architect—Newsom & Newsom, Russ  
 Bldg., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,000  
 BERKELEY, Alameda Co., Calif. 470  
 Vassar Ave.  
 One-and-one-half-story frame and  
 stucco residence (6 rooms), ga-  
 rage.  
 Owner—W. McCarter, Rose Street,  
 Berkeley.  
 Architect—J. B. Anthony, 2104 Shat-  
 tuck Ave.  
 Contractor—J. O. Weston, 1729 Grove  
 St.

**Excavating Contract Awarded**  
**RESIDENCE** Cost, \$20,000  
 OAKLAND, Alameda County, Calif.  
 Hampton Highlands.  
 Two-story frame and stucco resi-

dence (10 rooms, five baths), tile  
 roof, hardwood floors, tile baths.  
 Owner—Withheld.  
 Architect—Ray Keefe, 585 Mandana  
 Blvd., Oakland.  
 Excavation—Alexander Bros., 9233  
 Thermal St., Oakland.  
 General contract will be awarded  
 shortly.

**Bids In—Held Under Advisement**  
**RESIDENCE** Cost, \$.....  
 BERKELEY, Alameda Co., Calif.  
 Three-story frame and stucco resi-  
 dence (7 rooms) hardwood floors,  
 tile baths, wood sash, etc.  
 Owner—L. M. Van Dusen.  
 Architect—W. W. Wurster, 260 Cali-  
 fornia St., San Francisco.  
 Announcement shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
 OAKLAND, Alameda Co., California.  
 Montclair Highlands.  
 Two-story frame and stucco resi-  
 dence (8 rooms) shingle roof,  
 hardwood floors, tile baths, etc.  
 Owner—Name withheld.  
 Architect—Ray Keefe, 585 Mandana  
 Blvd., Oakland.  
 Contractor—C. H. Thrams, 28 Home  
 Place, Oakland.

**Contract Awarded**  
**RESIDENCE** Est. Cost, \$14,000  
 SAN FRANCISCO, Dorantes Ave.  
 Two-story frame, stucco and brick  
 veneer residence (7 rooms and 2  
 baths) composition shingle roof,  
 gas heating system, hardwood  
 floors, tile baths, etc.  
 Owner—D. A. Brunig.  
 Plans by Paul A. Ryan, 962 Phelan  
 Building.  
 Contractor—Thos. M. Jones, 643 29th  
 Avenue.

**To Be Done By Days Work**  
**MARKET BLDG.** Cost, \$20,000  
 LODI, San Joaquin Co., Cherokee  
 Lane and Victor Road.  
 One-story and full basement mar-  
 ket building (70 x 80 ft.) con-  
 crete foundations, concrete and  
 brick walls, open front with  
 steel folding doors and 8-in. pcs.  
 of plate glass on either side of  
 doors; 70-ft. marquee across  
 front; enameled finish over cop-  
 ping; Summerbell trusses; comp.  
 roofing; small mezzanine floor  
 in rear; to house grocery store,  
 delicatessen, meat market bak-  
 ery, etc.  
 Owner and Builder—Otto Barth, Lodi  
 Lessee—Clint Turnage.  
 Architect—E. G. Ernst, 9 W. Cleve-  
 land, Stockton.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$7,000  
 OAKLAND, Alameda Co., Cal. 5572  
 LaPuerta Street.  
 Two-story frame and stucco resi-  
 dence (6 rooms).  
 Owner—Wilart Realty Co., 1723  
 Franklin Street.  
 Architect—E. R. MacDonald, 3812  
 Broadway, Oakland.  
 Contractor—White and Pollard, 1723  
 Franklin St., Oakland  
**Roofing**—W. L. and W. C. Ridout,  
 64 Pacific Ave., Alameda.  
**Plumbing**—Pacific Gas Appliance  
 Co., 1450 Harrison St.  
**Electric**—Fruitvale Electric Co., 3257  
 East 14th Street.  
**Heating and Sheet Metal**—Harc-  
 per Co., 5662 Keith Avenue.  
**Tile Work**—Superior Tile Co., 3743  
 Broadway.

**Hardwood Floors**—Al Marshall Floor  
 Co., 1611 Pearl St., Alameda.  
**Iron Grille Eandi Artistic Metal**  
 Works, 1339 62nd Ave.  
**Brick and Stone Work**—C. M. Good-  
 ell, 2836 Minna Avenue.  
**Foundations & Concrete**—Lee Sea-

ramelli, 815 Santa Clara Avenue,  
 Alameda.  
**Lumber**—E. K. Wood Lumber Com-  
 pany, Frederick and King Sts.  
**Painting**—H. E. Dow, 1233 31st Ave.  
**Lathing and Plastering**—Hoffman &  
 Tiffin, 5720 Avenal Street.  
**Linoleum**—Higgins Company.  
 All of Oakland unless otherwise  
 noted.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
 SAN FRANCISCO, W Beachmont S  
 of Sloat Boulevard.  
 Six two-story and basement frame  
 and stucco residences.  
 Owner and Builder—Stoneson Bros.,  
 1 Sloat Boulevard.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
 OAKLAND, Alameda Co., Calif. Lot  
 510, Gaspar Drive.  
 One-story frame and stucco resi-  
 dence (8 rooms).  
 Owner—Thos. Sange, 650 34th St.,  
 Oakland.  
 Plans by Irwin Johnson, 2122 7th  
 Ave., Oakland.  
 Contractor—Acme Const. Co., 1649  
 25th Ave., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
 STOCKTON, San Joaquin Co., Calif.  
 One-story duplex residence (two 4-  
 room and bath apartments) wood  
 siding, shingle roof, hardwood  
 floor, gas floor furnaces, wood  
 sash, etc.  
 Owner—Withheld.  
 Architect—Joseph Losekann, 1218 W  
 Harding St., Stockton.  
 Contractor—Ira R. Dryden, Rt. 4,  
 Box 30-C, Stockton.

**Sub Contracts Awarded**  
**RESIDENCE** Const. Pr., \$3,628  
 SANTA ROSA, Sonoma Co., Calif.  
 17th St.

One-story frame and stucco resi-  
 dence (5 rooms), shingle roof, gas  
 floor furnace, hardwood floors,  
 linoleum floor in bath, concrete  
 floor in garage.  
 Owner—H. T. Graves, care Archi-  
 tect.  
 Architect—Clarence Caulkins, Ros-  
 senberg Bldg., Santa Rosa.  
 Contractor—R. S. Knight, Santa Rosa.  
**Plumbing**—G. Mitchell, 513 3rd St.  
**Electric Wiring**—A. Drake, 516 4th  
 St.

**Sheet Metal**—Ed. Holtz, 411 3rd St.  
**Tile Work**—W. Moody, 629 5th St.  
**Hardwood Floors**—Jorgensen Co., Rt.  
 6, Box 9

**Brick & Stone**—D. Jordan, 103 Lin-  
 coln St.  
**Lumber & Mill Work**—Mead Clark,  
 Painting—C. Roberts, 730 Slater St.  
 All of Santa Rosa.

**Contract Awarded**  
**RESIDENCE** Est. Cost, \$25,000  
 PIEDMONT, Alameda Co., Cal. Es-  
 tates Drive near Hampton Road.  
 Two-story frame and stucco resi-  
 dence (13 rooms, 3 baths) slate  
 roof, hardwood floors, tile baths  
 Owner—Al Stettner.  
 Architect—J. B. Anthony, 2014 Shat-  
 tuck Ave., Berkeley.  
 Contractor—S. M. Shapero 2014 Shat-  
 tuck Ave., Berkeley

**Contract Awarded**  
**SORORITY HOUSE** Cost, \$50,000  
 BERKELEY, Alameda Co., Cal. 2300  
 Waring Way.

Three-story sorority house (thirty  
 rooms).  
 Owner—PI Building Association.  
 Architect—W. W. Wurster, 260 Cali-  
 fornia St., San Francisco.  
 Contractor—Frank G. Appelle, 1067  
 Walker Ave., Oakland.

**Owner Taking Bids**

**RESIDENCE** Cost, \$5,000  
**HOLLISTER**, San Benito Co., Calif.  
 One - story frame residence (wood sash, shingle roof, hot air heating system, etc.)

Owner—Wirth Thomas.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.

**Contract Awarded**

**RESIDENCE** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Two-story frame residence (6 rooms), wood shingle roof, wood sash, gas furnace, hardwood and linoleum floors.

Owner—Withheld.  
 Architect—Victor Galbraith, 221 East Acacia St., Stockton.  
 Contractor—Ray Leighton, Route 3, Lodi.

**Bids In—Under Advisement**

**ADDITION** Cost, \$.....  
**VALLEY SPRINGS**, Calaveras Co., Calif.

Alterations and additions to stone residence (shingle roof, air conditioning and hot air heating system, new plumbing, brick veneer, etc.).

**Owner—Withheld.**

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.  
 Low Bidder—Fred Bender, 104 South Washington St., Lodi.

**15— SCHOOLS****Preparing Preliminary Plans**

**JUNIOR COLLEGE** Cost, \$1,250,000  
**SAN FRANCISCO**, Phelan & Ocean Avenues (37-acre site).

San Francisco Junior College (gymnasium, laboratory, cafeteria, library, auditorium, three classroom buildings).

Owner—City & County of San Francisco.

Architect—Miller & Pfleger, 580 Market Street and John Bauer, 251 Kearny Street.

Bids for first unit, a three-story building (80x500-ft.) with 33 classrooms and two lecture rooms, to cost approximately \$600,000, will be asked before July.

**Plans Awaiting State Approval.**

**ADDITION** Cost, \$20,000  
**KING CITY**, Monterey Co., Calif.  
 Elementary school addn. (2 rooms) frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc.

Owner—King City Grammar School District.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans and specifications have been forwarded to the State Division of Architecture, Sacramento, for approval.

**Low Bidder**

**OFFICE BLDG.** Cost, \$15,000-\$20,000  
**MODESTO**, Stanislaus Co., Calif.

One-story reinforced concrete office building (tile roof, concrete floors and walls, Johns-Manville tile floor covering, combined cooling and heating system, etc.).

Owner—Stanislaus Mutual Fire Insurance Company.

Architect—G. N. Hilburn, 1213 I St., Modesto.

Low Bidder—Cotner, Tomasto & King, Rt. 4, Box 1209, Modesto.

**Plans Being Figured—**

Bids Close April 28, 8 P. M.  
**SCHOOL ADDITION** Cost, \$.....  
**COALINGA**, Fresno County

South Wing of Junior College, on present High School site.

Owner—Coalinga Union High School District (T. H. Robinson, Clerk Board of Trustees, High School

**Building).**

Architect—W. D. Coates, 626 Rowell Building, Fresno.  
 Plans and specifications obtainable from the office of the architect or the clerk, upon deposit of \$25.

**Plans Being Figured—**

To Close April 21, 10 A. M.  
**ADDITION TO SCHOOL**

Cost, \$75,000  
**SAN FRANCISCO**, Saint Monica's School (Rev. Wm. J. Cantwell, Rector), 24th and Geary Sts.

Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x81 ft.); six classrooms, assembly hall, with gymnasium in basement.

Owner—Archbishop of San Francisco, 1100 Franklin St.  
 Architect—Arnold Constable, 580 Market Street.

Mechanical Engineer—George E. Atkins, Hobart Bldg.

Bids will be received at the office of the Archbishop from the following selected list of contractors:

Cahill Bros., Inc., 206 Sansome St.  
 Monson Bros., 475 Sixth St.  
 Barrett & Hilp, 918 Harrison St.  
 Larsen & Larsen, 629 Bryant St.  
 Robert McCarthy, 1303 14th Ave.  
 Moore & Roberts, 493 Mission St.  
 Frank J. Reilly, 6350 Fulton St.  
 All of San Francisco.

**Sub-Contract Awarded**

**SCHOOL BLDG.** Cost, \$565,000  
**PALO ALTO**, Santa Clara Co., Cal.

Stanford University Campus.  
 Three - story steel frame and reinforced concrete Cubberley School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 research rooms, 23 special small rooms) auditorium to seat 500.

Owner—Stanford University.

Architect—Bakewell and Wehe and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.

Contractor—Geo. Wagner, 181 South Park, San Francisco.

**Tile Work**—C. L. Frost, 3159 El Camino Real, Palo Alto.

Sub - contracts awarded to date published March 9.

**BIDS WANTED**

**BERKELEY**, Alameda Co., Calif.

—Until April 28, 8 P. M., bids will be received by the Berkeley Unified School District, Clara F. Andrews, Secretary, 2225 Milvia Street, for furnishing school furniture. Specifications obtainable from the above office.

**Completing Working Drawings**

**DOUGLASS AUDITORIUM** Cost, \$900  
**GUERNEVILLE**, Sonoma Co., Calif.

Institute Guerneville Elementary Sch. auditorium.

Owner—Guerneville Elementary Sch. District.

Architect—John Easterly, Healdsburg and Santa Rosa.

Bids will be asked within a few days.

**Sub-Contract Awarded**

**DORMITORY** Cost, \$236,420  
**PALO ALTO**, Santa Clara Co., Cal.

Stanford University Campus.  
 Addition to women's dormitory (La-Gunita Court), two wings to accommodate 80.

Owner—Stanford University.

Architect—Bakewell and Wehe and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.

Contractor—Geo. Wagner, 181 South Park, San Francisco.

**Tile Work**—C. L. Frost, 3159 El Camino Real, Palo Alto.

Sub - contracts awarded to date

**published March 8.**

**Bond Election** Cost, \$140,000  
**SCHOOL**

**KERN CO.**, Calif.  
 New 8-room elementary school, enlarging existing cafeteria, landscaping, etc.

Owner—Beadsley School District.  
 Architect—Not Given.

An election will be held April 20 to vote on a proposal to issue \$140,000 in bonds to finance the work.

**Plans Being Figured— Bids Close**

May 1, 8 P. M. Cost, \$8,500  
**ADDITION**

**KERN CO.**, Calif.  
 One-room addition to McFarland School.

Owner—Shafter-McFarland School District.

Architect—Symmes & Willard; Stanton Willard, Architect; Ira W. Hoover, architect, consultant, 215 Haferfelde Bldg., Bakersfield.

Bids will be received by the clerk of the Board.

**LOW BIDDER**

**FULLERTON**, Orange Co., Cal.—

Wm. J. Shirley, 1724 S. Vermont Avenue, Los Angeles, submitted low bid to Fullerton Junior College Dist. at \$138,686, for constructing an administrative and social science bldg. on the Fullerton junior college site, a PWA project. Harry K. Vaughn, architect.

**Bids Opened**

**RECONSTRUCTION** Cost, \$.....  
**CROCKETT**, Contra Costa Co., Calif.

Reconstruction of Academic Bldg. at John Swett High School.

Owner—Crockett School District.  
 Engineers—Dewell and Earl, 55 New Montgomery St., San Francisco.

Bids were taken under the following propositions:

(1) Work complete;

(2) Addition for window hardware;

(3) Addition for venetian blinds;

(4) Deduction for enamel sinks and tile drains instead of monel sinks and drains.

Complete bids follow:

C. L. Wood Const. Co., Ltd.,  
 4412 Fulton St., S. F. (1) \$171,345

.....(2) 5,955

.....(3) 1,975

.....(4) 575

Karl S. Koller, Crockett, (1) \$179,580

.....(2) 5,000

.....(3) 1,500

.....(4) 275

F. C. Amorosa & Sons, San Francisco (1) \$181,750

.....(2) 6,300

.....(3) 1,950

.....(4) 400

F. J. Early, Jr., S. F. (1) \$182,640

.....(2) 6,400

.....(3) 1,720

.....(4) 500

A. Nelson, Inc., S. F. (1) \$182,985

.....(2) 6,000

.....(3) 2,200

.....(4) 500

Monson Bros., S. F. (1) \$188,550

.....(2) 6,343

.....(3) 2,000

.....(4) 352

Carl N. Swenson Co., San Jose (1) \$198,750

.....(2) 6,325

.....(3) 2,172

.....(4) 498

All bids were taken under advisement.

**Preparing Preliminary Plans**

**GYMNASIUM** Cost, \$.....  
**UPPER LAKE**, Lake Co., Calif.

One - story frame and stucco gymnasium building at Upper Lake High School.

Owner—Upper Lake High School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

**Completing Working Drawings**  
SCHOOL BLDG. Cost, \$10,000  
SONOMA CO., Calif. Approximately  
six miles west of Sebastopol.

Two-story frame school house (two  
classrooms) stucco exterior, oil-  
burning heating system, composi-  
tion roof, etc.

Owner—Gold Ridge Grammar School  
Dist.

Architect—Clarence Caulkins, Rosen-  
berg Bldg., Santa Rosa.

Gold Ridge Grammar School District  
voted bonds in the amount of  
\$6000 to assist in financing construc-  
tion of work.

Balance of cost financed by insur-  
ance paid on recent fire loss at  
school.

**BIDS WANTED**

LOS ANGELES, Cal.—Until April  
19, 2 P. M., bids will be received by  
the Los Angeles board of education,  
1425 San Pedro St., for constructing  
a cafeteria and two-unit shop, Bldgs.  
No. 1 and No. 2, at the Verdugo  
Road district junior high school,  
3010 Estara Ave. Cost, \$42,000.

**Bids Wanted — To Close April 29,**  
4 P. M.

HOP BUILDING Est. Cost, \$50,000  
OAKLAND, Alameda Co., Calif. 11th  
and Myrtle Sts.

New two-story reinforced concrete  
shop building to be constructed  
at the Lowell Junior High School.

Owner—Oakland School District.

Architect—Will G. Corlett, 2nd Ave.  
and E. 19th St., Oakland.

Plans and specifications obtainable  
from the Department of Architecture  
and Engineering, Room 109, 1025 2nd  
Ave., Oakland, upon deposit of \$25.  
Bids will be opened in the Board  
Room, Administration Bldg., 1025 2nd  
Ave., Oakland.

**Grant Allotted**  
SCHOOL Est. Cost, \$94,000  
WASHINGTON, Stevens Co., Marcus  
Union High School District No.  
50.

Two-story brick veneer school build-  
ing (60 x 194 ft.), with a wing  
(67 x 65 ft.) containing a gym  
and auditorium.

Owner—Marcus Union High School  
District No. 50.

Architect—Not Given.

FWA grant of \$42,300 has been al-  
located to assist in financing construc-  
tion.

**Planned**  
SCHOOL Cost, \$90,000-\$135,000  
ALAMEDA, Alameda Co., Calif. Bay  
and Santa Clara Ave. (Mastick  
School).

One-story modernistic U-shaped ele-  
mentary school bldg. (12 class-  
rooms, gymnasium, and audi-  
torium), stucco exterior, low pres-  
sure steam heating system, con-  
crete floors and foundations, fire  
resistant roof of the composition  
type; to be built on the unit plan  
around a central courtyard.

Owner—Alameda Board of Education  
(Wm. G. Faden, Superintendent).

Architect—Kent & Haas, Underwood  
Bldg., San Francisco.

Preliminary plans and specifica-  
tions have been accepted by the  
school board and an application for  
a grant of 45% will be filed with the  
FWA next week.

**Contracts Awarded**  
RECONSTR. SCHOOL Cost, \$.....  
TAFT, Kern Co., Calif.

Reconstruction of north and south  
wings of high school.

Owner—Taft Union High School Dis-  
trict.

Architect—W. H. and Harold Weeks,  
593 Market St., San Francisco.

Contracts awarded on each segre-  
gation follow:

(1)—General Construction  
L. H. Hansen & Son, 934  
Stafford Ave., Fresno, \$113,144.00

(2)—Heating & Plumbing  
Frank Hudson, 2141 S. Van  
Ness Ave., Fresno, 12,800.00

(3)—Hardware  
Pioneer Mercantile Co.,  
Taft ..... 1,680.50  
C. J. & W. Window Shades  
Taft Furniture & Hdwe. Co., 2,854.59

(5)—Electrical Work  
Carter's Electric Constr.  
Co., 425 N St., Taft ..... 8,724.00

**16—BANKS, STORES AND  
OFFICES**

Plans Being Figured — Bids Close  
April 20.

STORE BUILDING Cost, \$25,000  
SACRAMENTO, Sacramento Co., Cal.  
Eighth St., between J and K.

One-story and basement store build-  
ing (concrete foundations, brick  
walls).

Owner—Chas. M. Campbell Estate.  
Agents—Elliott & Huston, 1010 8th  
St., Sacramento.

Architect—C. E. Cuff, Sacramento.  
Following contractors have pro-  
posed plans:

W. C. Keating, 1121 24th St., Sacra-  
mento.

H. W. Robertson, 3004 F St., Sacra-  
mento.

Chas. Vanina, 2022 M St., Sacra-  
mento.

**Contract Awarded**  
OFFICE BUILDING Cost, \$.....

SANTA CRUZ, Calif. Soquel and  
Ocean View Avenues.

One-story and basement medical of-  
fice building (100x100 ft.).

Owner—Dr. N. E. Sullivan, Medical  
Office Bldg., Santa Cruz.

Architect—Not Given.

Contractor—Hamilton & Church, 383  
Ocean St., Santa Cruz.

Construction will be started within  
three weeks.

**PREPARING WORKING DRAW-  
INGS**

LOS ANGELES, Calif.—Architect  
L. A. Parker, 804 Architects' Bldg., is  
preparing working drawings for a  
two- and part three-story reinforced  
concrete office building (75 x 120 ft.)  
to be built at 1920 N. Main St., for  
the L. A. Brewing Co.

Correction in Award  
STORE BUILDING Cost, \$28,000  
OAKLAND, Alameda Co., Calif. 20th  
and Telegraph.

One-story brick store building.  
Owner—Laura C. Fitzgerald.

Architect—Miller & Wamecke, Fi-  
nancial Center Bldg., Oakland.

Contractor—F. A. Muller, 1416 Jeff-  
erson St., Oakland.

Plans Being Figured — Bids Close  
April 29

STORE BUILDING Cost, \$25,000  
SACRAMENTO, Sacramento Co. 8th  
St., between J and K Sts.

One-story reinforced concrete and  
brick store building (four stores),  
composition roofing, steel sash,  
cement floors, structural and  
plate glass fronts, etc.

Owner—Campbell Estate.  
Architect—Bren Freeman, Security  
Bldg., Pasadena.

Bids are being received by the ar-  
chitect from the following contrac-  
tors:

W. C. Keating, 1121 24th St., Sacra-  
mento

H. W. Robertson, 3004 F St., Sacra-  
mento

Chas. Vanina, 2022 M St., Sacra-  
mento.

**Preparing Working Drawings**  
STORE BUILDING Cost, \$.....  
SAN ANSELMO, Marin Co., Calif.

100 Sir Francis Drake Blvd.  
One-story reinforced concrete store  
building (175 x 100 ft.), containing  
eight stores, concrete exterior  
walls, concrete and wood floors,  
composition roof, wood trusses,  
tile and plate glass front, etc.

Owner & Builder—Donald C. Perry,  
100 Sir Francis Drake Blvd., San  
Anselmo.

Architect—Hertzka & Knowles, 369  
Pine St., San Francisco.

Working drawings will be com-  
pleted in about one month, when  
owner will probably take sub bids.

**Contract Awarded**  
STORE BLDG. Cost, \$.....

SAN FRANCISCO, N. Chestnut St.,  
88 W of Scott St.

One-story steel and concrete Class C  
store building (approx. 53x137 ft.)  
to be used as a large market;  
composition roof, modernistic  
front with chromium trim.

Owner—Victor Carrara, 1700 Bay St.  
Architect—H. C. Baumann, 251 Kear-  
ny.

Engineer—James M. Smith, 251 Kear-  
ny.

Contractor—Mission Concrete Com-  
pany, 270 Turk Street.

**Plans Completed**  
STORE BLDG. Cost, \$8,000

SAN FRANCISCO, S Irving St. 120  
W of 22nd Avenue.

One-story frame store building.  
Owner—G. Casey, 110 Sutter Street.

Architect—A. W. Burgren, 30 Wood-  
land Avenue.

**Plans Being Figured — Bids Close**  
April 21, 2 P. M.

STORE Cost, \$.....

SAN MATEO CO., Calif. At the Palo  
Alto city line.

One-story reinforced concrete store  
building (45 x 90 ft.), built-up  
roofing, wood floors.

Owner—M. W. Williams, San Jose.  
Lessee—Safeway Stores.

Architect—Chas. McKenzie, Twohy  
Bldg., San Jose.

Plans are being figured by a se-  
lected list of contractors.

**To Be Done By Days Work**  
STORE Cost, \$.....

CARMEL, Monterey Co., Calif.

One-story building (stucco exterior,  
metal top, fireproof).

Owner—Harry Auncourt, Carmel  
Architect—Milton Latham, Carmel.

**Plans Completed**  
DRIVE-IN MARKET Cost, \$.....

SAN JOSE, Santa Clara Co., Calif.  
Third and San Fernando Sts.

New drive-in market.  
Owner—Safeway Stores, Inc.  
Plans by Eng. Dept. of Owner.

**Contract Awarded**  
OFFICE BLDG. Cost, \$20,000

MODESTO, Stanislaus Co., Calif.

One-story reinforced concrete office  
building (tile roof, concrete floors  
and walls, Johns-Manville tile  
floor covering, combined cooling  
and heating system, etc.).

Owner—Stanislaus Mutual Fire In-  
surance Company.

Architect—G. N. Hilburn, 1213 I St.,  
Modesto.

Contractor—Cotner, Tomnitz & King,  
Rt. 4, Box 1269, Modesto.

**Preparing Working Drawings**  
OFFICE BLDG. Cost, \$5,000

LAKEPORT, Lake Co., Calif.

One-story frame office building.  
Owner—Dr. Hill, care Architect.

Architect—John Easterly, Healdsburg  
and Santa Rosa

Bids will be asked in two weeks.

**Planned**  
STORE BLDG Cost, \$.....

MARYSVILLE, Yuba Co., Cal. East

D Street bet. 4th and 5th Sts.  
One-story store building.  
Owner—Milton Haney, 228 D St.,  
Marysville.  
Architect—Not Given.  
Razing of existing buildings on the  
site is now under way.

To Be Done By Days Work  
STORE BLDG. Cost, \$11,000  
VALLEJO, Solano Co., Cal. 333 Virginia  
Street.  
One-story reinforced concrete store  
building (two stores).  
Owner—R. Pizante, 908 Georgia St.,  
Vallejo.  
Architect—Not Given.

Plans Completed  
STORE BLDG. Cost, \$25,000  
LODI, San Joaquin Co., Cal. 203  
South School Street.  
New brick store bldg. (50x100-ft.)  
Owner—Lillian P. Fuller.  
Lessee—Safeway Stores, Inc. (H. P.  
Laves, district supervisor).  
Architect—Not Given.  
Construction is expected to start  
immediately.

Plans Being Prepared  
OFFICE BUILDING Cost, \$100,000  
LOS ANGELES, Los Angeles Co., Cal.  
Block bounded by First, Hill,  
Court and Olive Sts.  
One-story, reinforced concrete office  
building for the State Department  
of Public Works.  
Owner—State of California.  
Architect—George B. McDougall, Public  
Works Bldg., Sacramento.

PREPARING WORKING DRAW-  
INGS  
BEVERLY HILLS, Los Angeles  
Co., Calif.—Architect Paul R. Williams,  
3339 Wishire Blvd., Los Angeles,  
is preparing working drawings for  
two-story office building to be  
built on Burton Way, opposite the  
City Hall, Beverly Hills, for the Music  
Corporation of America, Inc. The  
building will contain offices, work-  
rooms, secretarial quarters, and  
sound-proofed, miniature theater. In-  
cluding land, cost will be approxi-  
mately \$150,000.

Contract Awarded  
STORE BLDG. Cost, \$13,000  
SANTA ROSA, Sonoma Co., Calif.  
Third and D Streets.  
One-story reinforced concrete and  
hollow tile store building (50x  
100-ft.)  
Owner—Fred Rosenberg, Santa Rosa  
Lessee—Safeway Stores, Inc.  
Architect—Wm. Herbert, Rosenberg  
Bldg., Santa Rosa.

Contractor—Louis Halvorsen, 128  
Dutton Ave., Santa Rosa.  
Construction will start immedi-  
ately.

Contract Awarded  
RESTAURANT Cost, \$  
BLUE LAKES, Lake Co., Calif.  
One-story frame bldg. (dining room,  
social hall, kitchen) addition to  
Laurel Dell lodge.  
Owner—Laurel Dell Lodge Co. (E. H.  
Stuart, Manager).  
Architect—Not Given.  
Contractor—Claude E. Beach, Lake-  
port.

To Be Done By Day's Work  
STORE BLDG. Cost, \$10,000  
BURLINGAME, San Mateo Co., Cal.  
Block 3, Primrose and Donnelly.  
New store building.—Dessen Bros.,  
Owner and Builder.—Dessen Bros.,  
1415 Palm Ave., Burlingame.  
Architect—Not Given  
Plans Being Completed  
ALTERATIONS Cost, \$10,000  
SAN FRANCISCO, 2465 Mission St.  
Alterations to theatre building (new  
front, new marquee, redecorating,  
etc.).  
Owner—Majestic Theatre, 2465 Mis-

sion Street.  
Architect—S. Chas. Lee, 25 Taylor.

Plans Completed — To Ask Bids  
Shortly  
ALTERATIONS Cost, \$10,000  
SAN FRANCISCO, 2465 Mission St.  
Alterations to theatre building (new  
front, new marquee, redecorating,  
etc.).  
Owner—Majestic Theatre, 2465 Mis-  
sion Street.

Architect—S. Chas. Lee, 381 Bush St.,  
San Francisco.  
Bids will be asked the first of next  
week.

## 19—MISC. CONSTRUCTION

Contract Awarded  
BOILER Cost, \$22,100  
CAMARILLO, Ventura Co., Calif.  
Camarillo State Hospital.  
Erection and completion of a 500-hp.  
water tube boiler, complete with  
foundations, burner, breeching,  
blow-off tank, piping, and other  
appurtenances, for complete in-  
stallation in the boiler plant bldg.  
at the hospital.  
Owner—State of California.  
Architect—Geo. B. McDougall, State  
Architect, Public Works Build-  
ing, Sacramento.  
Contractor—R. G. Meyler, 408 South  
Spring St., Los Angeles.

Plans Being Figured  
MORTUARY Cost, \$100,000  
SAN FRANCISCO, Calif. Divisadero  
and Geary Sts.

Two-story, Class C, reinforced con-  
crete mortuary building (two  
chapels, five slumber rooms, four  
operating rooms), wood floors  
and partitions, oil burning, hot  
air conditioning system, composi-  
tion roof, tile wainscot floors  
and walls in operating rooms,  
acoustical plastering in chapels,  
pipe organ, etc.

Owner—Name withheld.  
Architect—Hyman & Appleton, 68  
Post St.

Plans are being figured by a se-  
lected list of contractors and bids  
will be opened on or about April 19.

CONTRACT AWARDED  
LOS ANGELES, Calif.—Raymond  
Concrete Pipe Co., Washington Bldg.,  
Los Angeles, awarded contract for  
driving between 850 and 900 concrete  
piles for station buildings, Los An-  
geles Union Passenger Terminal.  
Depth of piles will run 16 to 30 ft.  
Work has started.

To Be Done By Days Work  
DANCE PAVILION Cost, \$  
NEAR HEADSBERG, Sonoma Co.,  
Meridian on the Russian River.  
One-story frame dance pavilion.  
Owner—Owen Sweeten.  
Architect—John Easterly, Heads-  
berg and Santa Rosa.

Plans are being completed and  
construction will start this week.

BIDS OPENED  
SAN FRANCISCO.—Underground  
Constr. Co., 6 Alvarado Road, Berke-  
ley, at \$1,997, submitted low bid to  
the Signal Officer, Headquarters, 9th  
Corps Area, Presidio of San Fran-  
cisco, Cal. O. S. Albright, Contracting  
Officer, under Bid No. 1084 SC  
37-3, for the installation of telephone  
cable at Fort Mason and the Pre-  
sidio of San Francisco.

Complete bids follow:  
Underground Constr. Co., Berke-  
ley \$1,997  
William A. Degen, Alameda 2,935  
D. E. Manning, S. F. 3,225  
Meridian Electric Works, S. F. 3,300  
H. C. Reid & Co., S. F. 4,150  
Severin Electric Co., S. F. 5,490  
P. J. Walker Co., S. F. 9,000

Bond Election Planned  
SWIMMING POOL Cost, \$50,000  
MARTINEZ, Contra Costa Co., Calif.  
Outdoor salt water swimming pool  
with one- and three-meter div-  
ing boards (120x75-ft., divided  
by concrete walls into 3 sections:  
wading area, 30x75 ft.; main  
swimming area, 60x75 ft.; div-  
ing area, 30x75 ft., 114 inches  
deep) L-shaped frame and stucco  
building surrounding 3 sides  
of pool housing private dress-  
ing rooms and locker rooms;  
men's and women's locker rooms  
basket service, hair drying rooms  
promenade around pool and on  
building roofs; pump house and  
plant, chlorinator, etc.

Owner—City of Martinez (O. K.  
Smith, City Engineer).  
Architect—S. Chas. Lee, 25 Taylor  
St., San Francisco.

Preliminary plans have been pre-  
pared by City Engineer Smith and  
include the following estimates:  
buildings and dressing rooms, \$17,  
768; sub-foundations, \$1,290; fill,  
of 5,000 cu. y., \$3,750; tank, requiring 622  
cu. y. concrete and 78,000 pounds steel  
\$10,128; sidewalks, 5184 sq. ft., \$1-  
140; filter plant and circulating pipe  
\$10,000, etc.

Bond election will probably be  
called within the next thirty days.

Plans Being Revised  
MORTUARY Cost, \$  
STOCKTON, San Joaquin Co., Calif.  
One-story frame and stucco mortu-  
ary building, with apartment  
over garage (will contain two  
chapels, one to seat about 300;  
three slumber rooms; preparation  
concrete retaining walls, plaster  
room; two family rooms, large  
display room in basement; rest  
rooms, offices, etc.); reinforced  
interior finish, tile roof, wood  
floors carpeted, tile floors in  
preparation and rest rooms, com-  
pletely equipped forced hot air  
heating system and controlled  
air conditioning system, etc.

Owner—Withheld.  
Architect—Eric W. Johnson, 142  
N. California St., Stockton.

Bids are being received from a se-  
lected list of contractors.

Contract Awarded  
SUB-STATION  
SAN FRANCISCO, W. Ninth Ave.,  
at 80124 per lb., total \$17,360 sub-  
mitted low bid to the Board of Di-  
rectors of Joint Highway District  
No. 13, Oakland, under Schedule "H"  
turf for the construction of steel struc-  
ture for the completion of Broad-  
way Low Level Tunnel.

The work involves 140,000 lbs. of  
light structural steel trusses and  
purlins for installation at each end  
of the tunnel to support the lower  
system.

BIDS OPENED  
ALAMEDA and Contra Costa Cos.,  
Cal.—Berkeley Steel Construction Co.,  
Second and Camella Sts., Berkeley,  
at \$0.124 per lb., total \$18,600, sub-  
mitted the only other bid.  
Bids referred to District Engineer  
C. H. Sweetser, Bureau of Public  
Roads, San Francisco.

Independent Iron Works, Oakland,  
at \$0.14 per lb., total \$19,600, sub-  
mitted the only other bid.  
Bids referred to District Engineer  
C. H. Sweetser, Bureau of Public  
Roads, San Francisco.



**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**

**BERKELEY, Alameda Co., Calif.**—Following bids received by Berkeley City Council, Florence Turner, City Clerk, for furnishing 10,000 barrels of portland cement: Henry Covell Lime & Cement Co.: \$2.72 per bbl.; discount, \$0.70 per bbl.; 30 days; allowance for each sack returned, \$0.10.

Identical bids at \$2.8016 per bbl., discount, \$0.70 per bbl., 30 days; sack allowance, \$0.10, were submitted by the following: Contra Costa Building Materials Co., Chas. S. Hughes Co., Transit Concrete, Ltd., and Rhodes & Jamieson, Ltd.

Freight prepaid on all bids.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Western Pipe & Steel Co. awarded contract by the L. A. Water and Power Commission at \$4520, net, for structural steel rack for trucks, Dept.'s Receiving Station F, 1520 Velasco St., Los Angeles; delivery 45 days.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Western Pipe & Steel Co. submitted the low bid to D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, at \$4520, net, for structural steel rack for trucks, Department's Receiving Station F, 1520 Velasco St., Los Angeles; delivery 45 days.

The other bids were: International Derrick & Equipment Co., \$6335; 40 days; 1/2 of 1% 20 days.

EmSCO Derrick & Equipment Co., \$6405; 45 days; net.  
Consolidated Steel Corp., Ltd., \$6,560; 45 days; net.  
Pacific Iron & Steel Co., Ltd., \$6,640; 45 days; net.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Madewell Mfg. Co., 1180 25th Ave., Oakland, at \$1.03 per lf. awarded contract by Oakland City Council, W. W. Chappell, City Clerk, for furnishing wet castings. Discount 2%.

**BIDS OPENED**

**SAN FRANCISCO**—Identical bids, at \$2.8011, were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1770, for furnishing luminaires for street lighting.

The bidders were: General Electric Co., Graybar Electric Co., General Electric Supply Corp., Westinghouse Electric Supply Co., and Taper Tube Pole Co.

**BIDS OPENED**

**SAN FRANCISCO**—Taper Tube Pole Co., Monadnock Bldg., at \$4,413.20, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1773, for furnishing electrolers, etc. (for the WPA).  
Alta Electric & Mechanical Co., at \$5,242.70, submitted the only other bid.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Enterprise Foundry Corp., 2902 19th St., at \$2,519.38, submitted the only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1768, for furnishing and delivering cast-iron and cast steel specials for the S. F. high pressure water system (WPA).

**BIDS OPENED**

**LOS ANGELES**—Bids for furnishing 76,000 lbs. fabricated steel and other metalwork incidental to the superstructure for the Culver Blvd. bridge over Ballona Creek were opened

ed by the U. S. Engineer Office, Los Angeles, under Circ. Prop. No. 282. The bids were:

- Consolidated Steel Corp., \$0.725 lb.; \$55,100 total.
- Minneapolis-Moline Power Implement Co., \$0.6612 lb.; total, \$46,512; shipment from Minneapolis, Minn., on government bill of lading.
- Mt. Vernon Bridge Co., \$0.6073 lb.; \$55,480 total.
- Bethlehem Steel Corp., \$0.6695 lb.; \$52,820 total.

**CONTRACT AWARDED**

**LOS ANGELES**—Bethlehem Steel Co., at \$61,855, awarded contract by the U. S. Engineer Office, Los Angeles, for furnishing 890,000 lbs. fabricated steel and other metal work incidental to the superstructure for the Roosevelt Highway bridge over Ballona Creek, near Del Rey Beach. Circ. Prop. No. 280. The bids were opened April 5.

**BIDS OPENED**

**LOS ANGELES**—Western Pipe & Steel Co. submitted the low bid to D. P. Nicklin, Purchasing Agent, L. A. Water & Power Bureau, at \$4520, net, for structural steel rack f.o.b. trucks, Department's Receiving Station "F," 1520 Velasco St., Los Angeles; delivery, 45 days. The other bids were:

- EmSCO Derrick & Equipment Co., \$6405; 45 days; net.
- Consolidated Steel Corp., Ltd., \$6,560; 45 days; net.
- Pacific Iron & Steel Co., Ltd., \$6,570; 45 days; net.
- International Derrick & Equipment Co., \$6335; 40 days; 1/2 of 1% 20 days.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Grey Electric Supply Co., 154 8th St., awarded the contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1753, for furnishing copper wire, as follows:

- (1) 2 tons No. 12 H.D. copper wire, \$26.30 per 100 lbs.; discount, 1/2% 10 days.
- (2) 2,000 ft. No. 12 lead-covered duplex, \$63.27 per 1,000 ft.; discount, 2% 10th prox.

**BIDS OPENED**

**OAKLAND**—Following bids received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 858, for furnishing 30,000 lbs. joint compound:

- Atlas Mineral Products Co.—\$1,689, for "Mineral Lead" or "Tegue."
- R. E. Olson—\$1,725; "Hydrotite."
- Rolph Mills & Co.—\$2,250; "Haymanite."
- Water Works Supply Co.—\$3,510; "Leadite."

**CONTRACT AWARDED**

**OAKLAND**—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at \$14,530 on Item 1, and at \$4,910 on Item 3, and the American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$9,808 on Item 2, awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 191, for furnishing pipe as follows:

- (1) 20,000 lf. 6-in. diam., Class 150, cast-iron pipe.
- (2) 1,000 lf. 8-in. diam., Class 250, cast-iron pipe.
- (3) 1,000 lf. 20-in. diam., Class B cast-iron pipe.

**BIDS OPENED**

**ALL-AMERICAN CANAL**—Following bid received by the Bureau of Reclamation, Denver, under Spec. No. 903-D for furnishing cast-iron slot tips for installation in influent channels of the desilting works of the Imperial Dam, All-American Canal:

Western Foundry Co., Portland—\$9,300; f.o.b. Portland; net.  
Madsen Iron Works, Ltd., Huntington Park—\$9,722; f.o.b. Huntington Park; net.

Apex Steel Corp., Ltd., Los Angeles—\$13,599.26; f.o.b. Los Angeles; 1/2% discount.

Commercial Iron Works, Portland—\$12,925; f.o.b. Portland; 1/2% discount.

St. Paul Foundry Co., St. Paul, Minn.—\$14,276; f.o.b. St. Paul; net.

Joshua Heady Iron Works, San Francisco—\$18,740; f.o.b. Sunnyvale; net.

Long Beach Iron Works, Long Beach—\$15,900; f.o.b. Long Beach; net.

Enterprise Foundry Corp., San Francisco—\$15,000; f.o.b. San Francisco; 2% discount.

Los Angeles Valve & Fittings Co., Los Angeles—\$18,028; f.o.b. Los Angeles; net.

Kinney Iron Works, Los Angeles—\$13,990; f.o.b. Los Angeles; net.

Lake Shore Engine Works, Marquette, Mich.—\$14,760; f.o.b. Marquette; net.

Stearns Roger Mfg. Co., Denver—\$13,950; f.o.b. Denver; net.

**BIDS OPENED**

**SAN FRANCISCO**—Smith Lumber Co., 4th and Channel Sts., at \$17,989.67, discount, 2% 10 days, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1776, for furnishing approximately 575,512 ft.b.m. Douglas Fir lumber (for the WPA).

The other bids were: Loop Lumber Co., \$22,562.12; discount, 2% 10 days.

Allen & Dettman Lumber Co., \$4,462 (partial bid).

**CONTRACTS AWARDED**

**OAKLAND, Alameda Co., Calif.**—Jen-Edge Corp., 696 16th St., Oakland, at \$2,689.65, for furnishing metal shelving, and the M. G. West Co., 1708 Franklin St., Oakland, at \$21,625, for furnishing metal furniture, submitted low bids and awarded contracts by the Alameda County Board of Supervisors, Hall of Records, Oakland, for furnishing and installing metal shelving and special metal office furniture in the offices of the auditor, treasurer, tax collector, assessor, surveyor, and sheriff, in the new County Court House and Hall of Records, 12th & Fallon Sts., Oakland. Complete bid follows:

	Shelving	
Jen-Edge Corporation	\$2,689.65	
M. G. West	2,786.00	
Rucker Fuller Co.	2,985.00	
Yawman & Erbe	3,412.75	
	Furniture	
M. G. West	\$21,625.00	
Rucker Fuller	23,381.00	
All bids include tax.		

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Dovetail Anchor Bolt

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Phone OO 0913-5583

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                   |                         |
|-----------------------------------|-------------------------|
| 11—Bridges                        | 30—Restrictors and Dams |
| 22—Dredging, Harbor Works, Excav. | 31—Pipe Lines and Wells |
| 15—Irregular Proj.                | 32—Sewers & Sewage      |
| 24—St. Light Systems              | 33—Water Works          |
| 13—Machinery and Equipment        | 34—Parks & Play grounds |
| 76—Railroads                      | 35—Tunnels              |
| 27—Fire Alarm Sys.                |                         |
| 28—Fire Equipment                 |                         |
| 29—Streets & Highways             |                         |

### 21— BRIDGES

#### CONTRACT AWARDED

MERCED CO., Calif.—C. B. Cameron & Son, P. O. Box 244, Merced, at \$2,487, submitted low bid and awarded contract by the Merced County Board of Supervisors, P. J. Thornton, Clerk, for the construction of Bridge No. 258, in Road District No. 4, over a slough on the Fremont Ford Road, between Deep Slough and Mud Slough.

The other bids were:  
Roy Kruger, Gustine—\$2,650.  
Fathish Bros., Los Angeles—\$5,326.

#### CONTRACT AWARDED

MOHAVE CO., Ariz.—Lee Moor Contracting Co., Bassett Tower Bldg., El Paso, at \$18,671.60, awarded contract by Arizona State Highway Commission, Phoenix, for construction of three timber bridges on the Kingman-Boulder Dam Highway, N.H. 123, AFE 9301.

The work, which is at three bridge sites located within a distance of about two miles, the center of which is about 15 miles northwest of Kingman, consists of the construction of three timber bridges, and is to be completed on or before Aug. 15, 1937.

#### CONTRACT AWARDED

MERCED CO., Calif.—Roy Worthington, P. O. Box 3, Atwater, at \$3,875, submitted low bid and awarded contract by the Merced County Bd. of Supervisors, P. J. Thornton, Clerk, for the construction of Bridge No. 257, in Road District No. 1, over Dry Creek.

The other bids were:  
C. B. Cameron & Son, Merced—\$4,132.  
Fathish Bros., Hollywood—\$4,674.

#### CONTRACT AWARDED

MERCED CO., Calif.—Roy Worthington, P. O. Box 3, Atwater, at \$344, submitted low bid and awarded contract by the Merced County Board of Supervisors, P. J. Thornton, Clerk, for the construction of Bridge No. 259, in Road District No. 1, over Dry Creek on the Amsterdam and Ryer Road.

The other bids were:  
W. K. Widenmann, Merced—\$1,210.  
Fathish Bros., Los Angeles—\$6,000.

#### LOW BIDDERS

SAN DIEGO CO., Calif.—B. G. Carroll, 4396 Maryland St., San Diego, at \$47,763, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near San Onofre, consisting of one 73-ft. span, two 53-ft. spans, and two 30-ft. 8½-in. spans on concrete

bents and abutments, with wing walls.

The three low bids follow:  
B. G. Carroll, San Diego—\$47,763.00  
Parish Bros., Hollywood—48,840.00  
C. O. Sparks & Mundo Engrg. Co., Los Angeles, 49,651.50  
Complete bids will be published shortly.

#### BIDS WANTED

TEHAMA COUNTY, Calif.—Until May 5, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a plate girder bridge with concrete deck across the Sacramento river at Red Bluff, consisting of two 143-ft. spans, one 126-ft. span, two 108-ft. spans, and two 96-ft. spans on concrete piers and abutments with steel pile foundations.

- The work involves:  
(1) 1,000 c.y. struc. excav. (abutments);  
(2) 2,800 c.y. do (piers);  
(3) 390,000 lbs. bar reinf. steel;  
(4) 950 c.y. Class A portland cement concrete (footing, blocks);  
(5) 1,700 c.y. Class A do (piers);  
(6) 1,810 c.y. Class A portland cement concrete (abutments and superstructure);  
(7) 1,922,000 lbs. struc. steel;  
(8) 1,624 lf. steel railing;  
(9) 43,400 lbs. cast steel;  
(10) 17,570 lf. steel piles, including test piles (furnishing);  
(11) 502 each steel pile, including test piles (driving);  
(12) 50 each steel pile splices;  
(13) 24 each rdwy. drains;  
(14) 1 lot lighting equipment;  
(15) 1 only existing steel truss span to be removed;  
(16) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

#### BIDS WANTED

MAPICOPA CO., Calif.—Until Apr. 27, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for construction on the Tempe-Chandler Highway, WPGS 125 AFE 619. The work, which is located on Mill Ave. about ¼ mile south of Tempe, consists of the construction of a highway underpass beneath the Southern Pacific R. R. tracks, and is to be completed on or before Nov. 15, 1937. The principal items and approximate quantities are:

- 1,400 c.v. drainage excav.;
- 11,000 c.y. struc. excav.;
- 10,100 c.y. overhaul;
- 3,900 c.y. mile haul;

1,200 c.y. select material, CIP;  
3,300 sq. yd. concrete pavement;  
2,700 sq. yd. removal of concrete pavement;

653 c.y. Class A concrete;  
415 c.y. Class D concrete;  
150,400 lbs. reinforcing steel;  
1,860 lf. single curb;  
1,800 lf. combined curb and gutter;

26,500 sq. ft. 2-in. granite;  
14,900 sq. ft. 1½-in. granite;  
10,400 sq. ft. 4-in. sidewalk;  
1,100 lf. lead seal;  
lump sum 30-in. steel irrigation pipe;  
lump sum membrane and asphaltic plank waterproofing;  
1 electric driven pump;  
1 gasoline driven pump;  
lump sum electric lighting system.

T. S. O'Connell, State Highway Engineer, Certified or cashier's check 5% must accompany bid.

#### CONTRACT AWARDED

HUMBOLDT CO., Calif.—Frank Bryant, 429 Hazelwood Ave., San Francisco, at \$14,423 (lump sum price), submitted low bid and awarded contract by the Humboldt County Board of Supervisors, Court House, Eureka, for the construction of three concrete bridges on the Redway-Briceland Road. The structures will be approximately 60 ft. long and 18 ft. wide.

Complete bids follow:  
Frank Bryant, San Francisco—(1) \$6,090; (2) \$4,710; (3) \$6,300; lump sum, \$14,423.

Henry Pagett, Fields Landing—(1) \$6,490; (2) \$5,200; (3) \$5,300; lump sum, \$16,200.

Rock & Gravel Trucking Co., Oakland—(1) \$5,995; (2) \$5,061; (3) \$5,737; lump sum, \$16,500.

H. A. Anderson, Rio Dell—(1) \$5,483; (2) \$5,190; (3) \$5,850; total, \$16,523.

Peter J. McHugh, San Francisco—(1) \$8,140; (2) \$7,760; (3) \$7,650; lump sum, \$18,959.

#### AWARD RECOMMENDED

TUOLUMNE CO., Calif.—Award of a contract to B. A. Howkins, 1182 Market St., San Francisco, at \$32,685.50, for constructing the South Fork of the Tuolumne River Bridge and approaches, on Section A1 of Route 1, in the Tioga Road, Yosemite National Park, Tuolumne County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

#### CONTRACT AWARDED

SAN DIEGO CO.—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, at \$13,749, awarded contract by the San Diego county supervisors for constructing a timber pile bridge across the San Dieguito River at the Del Mar Fair Grounds, 40 feet wide.

#### CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$15,315 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a crossing over tracks of the Atchison, Topeka & Santa Fe Railway near Solano Beach, San Diego County, consisting of a reinforced concrete bridge and grading approximately 0.1 mile of roadway and applying plant-mixed surfacing.

## Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street

Sacramento : California

**22—DREDGING HARBOR WORKS, EXCAVATION**

**DREDGING PERMIT ASKED**  
**NEWPORT BEACH, Orange Co., Cal.**—Application has been made by the Board of Supervisors of Orange County for War Department permit to dredge the abandoned channel of the Santa Ana river to a depth of 6 feet and bottom width of 22 feet, extending 2,450 ft. westerly from the turning basin and deposit the dredged material along ocean beach between 26th and 29th Sts., Newport Bay. Drawings showing the location and plan of the proposed work may be seen at the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles, until 11 A. M., Apr. 15.

**BIDS WANTED**  
**NEWPORT BEACH, Orange Co.**—Until April 27, 11 A. M., bids will be received by the Orange County Supervisors, J. M. Backs, Clerk, Santa Ana, for dredging at Newport Harbor, consisting of the deepening of an existing channel. Work will involve dredging approximately 17,500 cu. y. of material.

Specifications obtainable from A. H. Beard, Orange County Road Commissioner, Courthouse, Santa Ana.

**AWARD RECOMMENDED**  
**SAN PEDRO**—Hull, Smale & Robinson, P.O. Box 815, Wilmington, submitted low bid and recommended for award by contract by the 11th Naval District, San Diego, at \$3675, for Item No. 1, and \$250 for Item No. 2, for alterations and repairs to moorings at the 11th Naval District, Los Angeles Harbor, San Pedro, under Spec. No. 8425.

Case Constr. Co., Alhambra, submitted the only other bid at (1) \$6,780, (2) \$436.

**23—CANALS**

**BIDS WANTED**  
**ALL-AMERICAN CANAL**—Until May 7, 10 a.m., bids will be received by the Bureau of Reclamation, Yuma, Arizona, R. B. Williams, Construction Engineer, under Spec. No. 724, for the construction of the New River crossing and other structures, Station 3633 to Station 3826, All-American Canal, All-American Canal System, Boulder Canyon Project.

The work is located near Calexico, and the principal items of work involved are:

- (1) 85,000 cu. y. of excav.
- (2) 10,000 sta. cu. y. of overhaul.
- (3) 144,000 cu. y. of compacted embankments;
- (4) 7,000 cu. y. of pit-run gravel blankets on outside slopes of compacted embankments;
- (5) 200 cu. y. of sand blankets under screened-gravel blankets;
- (6) 3,000 cu. y. of screened-gravel blankets under canal lining;
- (7) 300 cu. y. of pit-run gravel fill in concrete-crib retaining walls;
- (8) 25,400 cu. y. of backfill;
- (9) 4,837 cu. y. of concrete in structures;
- (10) 2,680 cu. y. of concrete in canal lining;
- (11) 150 sq. yds. of dry-rock paving;
- (12) 487 cu. y. of riprap;
- (13) Placing 930,000 lbs. of reinforcement bars;
- (14) Installing 1,330 l.f. of rubber water stops;
- (15) Installing 538 sq. ft. of elastic filler material;
- (16) Manufacturing and placing 202 cu. y. of precast concrete crib members;
- (17) Driving 181,940 lbs. of steel sheet piling;
- (18) Driving 3,180 l.f. of timber piles;
- (19) Manufacturing and driving 573

- concrete piles 30 to 45 feet in length;
- (20) Constructing 154 l.f. of 6-in. diameter sewer-pipe drains;
- (21) Constructing 990 l.f. of 6-in. diameter cast-iron pipe drains;
- (22) Erecting 203 MFBM of timber in structures;
- (23) Placing 440 square yards of bituminous wearing surface in bridge floors;
- (24) Installing 192,440 pounds of metal work;
- (25) Erecting 39 l.f. of metal flume;
- (26) Installing 400 l.f. of electrical metal conduit;
- (27) Installing 100 lbs. of electrical conductors; and
- (28) Furnishing and erecting two 186-in. diameter welded plate-steel pipes and appurtenances, each pipe approximately 374 ft. long.

Work shall be commenced within 30 calendar days and completed within 60 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Denver, or Washington, D.C., without charge to prospective bona fide bidders; to others, \$3 per copy, not returnable.

**BIDS WANTED**

**YAKIMA PROJECT, Wash.**—Until May 7, 10 a.m., bids will be received by the Bureau of Reclamation, Yakima, Chas. E. Crownover, Construction Engineer, under Spec. No. 729, for the construction of earthwork, bench flume, canal lining, and structures, station 721 plus 35 to Station 804 plus 7135 and Station 942 plus 60 to Station 1120 plus 60, Yakima Ridge Canal, Roza Division, Yakima Project.

The work is located near Yakima, and the principal items of work involved are:

- (1) 453,000 cu. y. of excav. for canal;
  - (2) 55,596 cu. y. of excav. for core banks;
  - (3) 155,000 sta. cu. y. of overhaul;
  - (4) 8,400 cu. y. of excav. for structures;
  - (5) 1,100 cu. y. of excav. for drainage channels and dikes;
  - (6) 17,500 cu. y. of compacting embankments;
  - (7) 100 sq. yds. of preparing rock foundations for concrete lining and concrete bench flume;
  - (8) 45,790 sq. yds. of trimming earth foundations for concrete lining and concrete bench flume;
  - (9) 1,045 cu. y. of gravel blanket on inside slope of canal embankment;
  - (10) 4,000 cu. y. of backfill;
  - (11) 590 cu. y. of concrete in structures;
  - (12) 1,065 cu. y. of concrete in bench flume;
  - (13) 5,150 cu. y. of concrete in canal lining;
  - (14) 948 sq. yds. of drylock paving;
  - (15) Placing 600,700 lbs. of reinforcement bars;
  - (16) Erecting 18,400 lbs. of structural steel in bridge;
  - (17) Erecting 9 MFBM of timber in bridge;
  - (18) Placing 76 sq. yds. of bituminous wearing surface on bridge floor;
  - (19) Laying 120 l.f. of 12-in. diameter concrete pipe;
  - (20) Constructing 11,400 l.f. of 6-in. diameter sewer pipe drains;
  - (21) Installing 1,350 lbs. of gates.
- The work shall be commenced within 30 calendar days and completed within 350 calendar days from the date of receipt of notice to proceed.
- Plans and specifications obtainable from the Bureau of Reclamation at Yakima, Denver, or Washington, D.C., without charge to prospective bidders; to others, \$1.50, not returnable.

**24—STREET LIGHTING**

**BIDS OPENED**

**SAN FRANCISCO**—H. C. Reid & Co., 389 Clementina St., San Francisco, at \$5,486, submitted low bid to the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 24, for constructing a lighting system on Richardson Ave., between Lyon and Broderick Streets (Golden Gate Bridge Approach).

- The work involves:
- (1) 26 electroliners, comp. with luminaires;
  - (2) 26 foundations;
  - (3) 6,000 ft. primary cable;
  - (4) 15 extra conduit stubs in foundations.

Complete bids follow:

H. C. Reid & Co.	\$5,486.00
R. Flatland	5,798.00
George F. Brayer	5,898.00
Albert Elice Co.	6,400.00
H. S. Tittle Co.	6,575.00
Spencer Electric Co.	6,578.00
Electric Power Bureau	7,100.00
All of San Francisco.	

**CONTRACT AWARDED**

**SAN FRANCISCO**—H. C. Reid & Co., 389 Clementina St., San Francisco, at \$5,486, awarded contract by the Public Utilities Commission, City Hall, under Electric Power Bureau Contract No. 24, for constructing a street lighting system on Richardson Ave., between Lyon and Broderick Streets (Golden Gate Bridge Approach).

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

**SAN FRANCISCO**—Following bids received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1767, for furnishing 202 rolled steel car wheels for the Municipal Railway:

Bethlehem Steel Company—\$42.50 (untreated), \$45.50 (heat treated); 1/2 of 1%, 10 days.

Columbia Steel Company—Same;

Edgewater Steel Company—Same; 1/2 of 1%, 30 days; F. H. Mill Valley.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Bids for furnishing traveling cranes for use in handling transformers at the Colorado River Aqueduct Pumping Plants, Spec. 201, were opened by the Metropolitan Water District, Los Angeles, April 13. The items were:

- (1) Intake pumping plant, 30 tons rated capacity;
- (2) Gene pumping plant, 60 tons rated capacity;
- (3) Iron Mountain pumping plant, 30 tons rated capacity;
- (4) Eagle Mountain pumping plant, 50 tons rated capacity;
- (5) Hayfield pumping plant, 50 tons rated capacity.

The bids were:

Cyclops Iron Works, 837 Folsom St., San Francisco: (1) 10 tons San Francisco, \$11,696; no use tax. Shipping wt., 25,200 lbs., heaviest piece, 16,000 lbs.; 1/2 of 1%; (2) 60 tons San Francisco, \$18,777; no use tax. Shipping wt., 63,000 lbs., heaviest piece, \$8,000 lbs.; 1/2 of 1%; (3) 60 tons San Francisco, \$11,696; no use tax; shipping wt., 25,200 lbs., heaviest piece, 16,000 lbs.; 1/2 of 1%; (4) 60 tons San Francisco, \$15,799; no use tax; shipping wt., 50,100 lbs., heaviest piece, 18,000 lbs.; 1/2 of 1%; (5) 60 tons San Francisco, \$17,926; no use tax; shipping wt., 60,000 lbs., heaviest piece, 21,000 lbs.; 1/2 of 1%; (6) 50-ton rated 1 to 5 in., deduct \$3,000; (7) erecting engineer's service, \$20 per day; Judson Pacific Co., 609 Mission St., San Francisco: (1) 60 tons San Francisco, \$12,976; no use tax; shipping weight,

26,500 lbs., heaviest piece, 20,000 lbs.; no discount; (2) fob San Francisco, \$19,700; no use tax; shipping weight, 59,000 lbs., heaviest piece, 30,000 lbs.; no discount; (3) fob San Francisco, \$12,975; no discount; shipping weight 26,500 lbs., heaviest piece, 20,000 lbs.; no discount; (4) fob San Francisco, \$17,565; no use tax; shipping weight 56,000 lbs.; heaviest piece, 28,000 lbs.; no discount; (5) fob San Francisco, \$19,220; no use tax; shipping weight, 58,000 lbs., heaviest piece, 28,000 lbs.; no discount; (6a) no bid. If low on more than 3 items, small acceptance to 3 items; (7) \$25 per day.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Smith Booth Usher Co. awarded contract by the U. S. Treasury Department, Procurement Division, Los Angeles, at \$236.50, net, for furnishing one centrifugal pump, complete with motor and base, fob Fallbrook Union High School, Fallbrook, under Inv. No. 24276.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Peterson Water Taxi, Buchanan and Jefferson Sts., at \$6 per hour, total \$900 submitted low and awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-234, for the lease of the "Miss I", for use in transporting passengers between Pier 3 1/2, San Francisco, and Government pipeline dredges on Yerba Buena Shoals Project, for 150 hours.

Crowley Launch & Tugboat Co., at \$7.50 per hour, \$1,125, for the Crowley No. 5, submitted the only other bid received.

**CONTRACT AWARDED**

**BOULDER PROJECT, Nevada.**—Westinghouse Electric & Mfg. Co., at \$190,290, awarded contract by the Bureau of Reclamation, Denver, for two 230-kv. oil circuit breakers, and at \$9900 for one 230-kv. lightning arrester. All bids for furnishing six 230-kv. disconnecting switches were rejected. Equipment is for the Boulder power plant. Spec. No. 720.

**BIDS OPENED**

**FRONT, Fresno Co., Calif.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 902-D, for furnishing two motor-driven, vertical-shaft, deep well turbine pumping units, each having a capacity of 170 gals. per minute at a total dynamic head of 87 feet, and two motor-driven, horizontal centrifugal pumping units, each having a capacity of 160 gals. per minute at a total dynamic head of 220 ft., for installing at the Government camp at Front Dam, Central Valley Project.

(1) 2 motor-driven deep-well pumping units;

(2) 2 motor-driven horizontal centrifugal pumping units.  
Palmer Supply Co., Seattle: (1) \$1-125; fob Front; delivery 18 days; 2% discount.

Mountain States Machinery Co., Denver: (1) \$1,076; fob Los Angeles; delivery, 30 days; net.

Western Pump Co., San Jose: (1) \$1,088.20; fob Front; 30 days; 3% discount.

Layne & Bowler Corp., Los Angeles: (1) \$1,132.36; fob Front; ten days; 3% discount.

Pomona Pump Co., Pomona: (1) \$766; (2) \$1,069; fob Pomona; 21 days net.

Worthington Pump & Machinery Co., Denver: (1) \$1,086; (2) \$717.50; fob Harrison, N. J.; 30 days; net.

Fairbanks, Morse & Co., Denver: (1) \$683.70; (2) \$790.56; fob Beloit, Wis.; 30 days; net.

F. H. Whiting Co., Denver: (1)

\$978; fob Lawrenceburg, Ind.; (1 and 2) \$644.75; fob Quincy, Ill.; (1 and 2) \$1,500; (2 Alt.) \$760; (1 and 2 Alt.) \$1,680; 30 days; 2% discount.

Victor Equipment Co., Los Angeles: (1) \$1,088.40; (2) \$1,028; (2 Alt.) \$1,058; fob Front; 30 days; net.

Aurora Pump Co., Aurora, Ill.: (1) \$1,024.16; (2) \$978; (1 and 2) \$2,000; fob Front; 30 days; 2% discount.

American Well Works, Denver: (1) \$1,090; (2) \$835; shipping point, Aurora; 30 days; net.

Wooden & Little, Inc., San Francisco: (2) \$618; fob San Francisco; 30 days; 1% discount.

Pennsylvania Pump & Compressor Co., Eatons, Pa.: (2) \$850; fob Front; 30 days; net.

Chicago Pump Co., Chicago: (2) \$899; fob Chicago; 30 days; 2% discount.

Complete tabulation of bids, giving verified guaranteed characteristics and other data is on file at the office of DAILY PACIFIC BUILDER.

**the San Francisco-Oakland Bay****BIDS OPENED**

**SAN FRANCISCO**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3658, for the rental of one 3 1/2-ton truck with dual wheels and removable side racks, fob WPA Warehouse, 633 7th St., San Francisco, for use on WPA projects:

Lerer Bros., San Francisco: \$119.40 per month, without operator; discount, 2% 20 days.

Evans Auto & Truck Rental, San Francisco: \$124.49 per month, without operator; net.

Daniel Gallagher, San Francisco: \$300 per month, with operator; net.

**BIDS OPENED**

**SAN MATEO and Santa Cruz Cos., Cal.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, district engineer, State Bldg., San Francisco, for the rental of one 3/4-cy. capacity clamshell, mounted on a pneumatic tired truck, for approximately 500 hours, for use in San Mateo and Santa Cruz Counties.

Pacific Truck Service, Inc., San Jose: \$3.99 per hour.

C. E. Hulls, \$4.15.

Mankel, Sacramento: \$5.25.

Portola Truck Service: \$5.45.

Rock & Gravel Trucking Co., Oakland: \$6.

Robinson & Hulofson, Healdsburg: \$7.00.

Western Crane Service Corp., Oakland: \$7.00.

**BIDS OPENED**

**SAN MATEO & Santa Clara Cos., Cal.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of four pneumatic tired dump trucks body capacity not less than 4 c.y. water level, not less than 6,000 lbs., for approximately 2500 hours' use in San Mateo and Santa Clara Cos.:

A. Bin, San Francisco: \$2.90 per hr.

Portola Trucking Service, San Francisco, \$3.15 and \$2.65.

P. A. Puppo, San Francisco, \$3.15 & \$2.65.

Hensel E. Springer, San Francisco: \$3.15.

Mankel, Sacramento, \$3.15.

Chas. Beguhl, Millbrae, \$3.15 and \$2.65.

Alfred Herwig, \$3.15.

A. N. Wilson, San Francisco, \$3.15.

Gus Sutsos, San Francisco, \$2.15 and \$1.90.

P. Sutsos, San Francisco, \$2.15 and \$1.90.

Latter two bids specify \$1.65 if less than eight miles.

H. N. Smith, Daly City, \$3.15.

Jos. T. Byrne, \$3.15 and \$2.65.

Paul Nelson, Redwood City, \$3.25.

Louis Rosenberg, S. F., \$3.15 and

\$2.65.

Rock and Gravel Trucking Co., \$3.15

C. F. Lea, San Francisco, \$2.65 and \$3.15.

J. E. Robertson (Robertson Trucking and Grading Co.) \$3.15.

A. Trenie, \$3.15 and \$2.90.

L. Harrison, S. F., \$3.15 and \$2.90.

A. A. Bagchi, \$3.15 and \$2.90.

N. E. Brown, San Francisco, \$4.20.

Jos. Calavano, San Francisco, \$4.50 and \$3.50.

Volpa Bros., Fresno, \$3.15.

L. Clark, Coarse, \$3.00.

Associated Transportation Co., Yuba City, \$3.45.

Peter J. McHugh, \$3.15.

Ashurst Bros. and Sinclair, Hopland \$3.50.

E. G. Keeble, San Jose, \$3.25 & \$2.75.

Edward King, S. F., \$3.15 and \$2.65

C. E. Huls, Merced, \$3.15 and \$2.90.

T. O'Brien, San Francisco, \$3.15.

Ray L. Pierce, Napa, \$3.15.

Dan Gallagher T. M. & T. Co., \$3.15 and \$2.65.

D. J. Pitto, \$3.15 and \$2.90.

S. R. Longwell, \$3.15 and \$2.90.

A. C. Mead, S. F., \$3.15 and \$2.65.

Allen J. Morrison, \$3.15 and \$2.65.

Paul Entomont, Colusa, \$3.15.

L. De Costa, \$3.00.

K. I. Dowdy, \$3.15 and \$2.90.

In all cases where two prices are given, the highest refers to power loading, the lowest to hand loading.

**BIDS OPENED**

**VERNON, Los Angeles Co., Cal.**—Bids for furnishing and erecting centrifugal pump with electric motor, Spec. 102, were opened by the Vernon city council April 6.

The bids were:

DeLaval Steam Turbine Co.: \$1-069.00 weekly.

Fairbanks, Morse & Co.: \$1,106.30; 3 weeks.

Pacific Pump Works: \$738 pump, 30 days; motor \$529.

Pennsylvania Pump Co.: \$1,338.25.

Adco-Chalmers Mfg. Co.: \$1,250; 65 days.

Byron-Jackson Co.: \$1,395; 5 weeks.

The bids were taken under advisement.

**BIDS OPENED**

**LOS ANGELES, Cal.**—Smith Booth Usher Co. and Gardner-Denver Co. submitted identical low bids to the U. S. Treasury Dept., Procurement Division, Los Angeles, at \$230.50, net, for furnishing one centrifugal pump, complete with motor and base, fob Fallbrook Union High School, Fallbrook, under Invit. No. 24276. Other bids were:

Worthington Pump & Machinery Co., \$282; net.

Fairbanks, Morse Co., \$297.79, net.

**CONTRACTS AWARDED**

**OAKLAND**—Contracts for the rental of trucks have been awarded by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Proposal No. 857, as follows:

(1) 15-ton flat bed trucks, for approximately 2,400 hours; maximum number required at any one time, four;

(2) 2 c.v. dump trucks, for 2,000 hrs.; maximum required, four; hand-loading;

(3) 2 c.v. dump trucks, 2,000 hours; maximum required, four; power-loading.

Lerer Bros., S. F.—\$0.735 per hour, on item 1.

A. J. McCosker, Oakland—\$0.80 per hour on item 2, and \$1.00 per hour on item 3.

**BIDS OPENED**

**GRAND FLOWING PROJECT, N. M. TEXAS**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 904-D, for furnishing plate-steel venturi-meter and appurtenances for installation in the out-

let works of the Caballo Dam, Rio Grande Project, New Mexico; Berkeley Steel Constr. Co., Inc., Berkeley—\$3,850; f.o.b. Berkeley; 1/2% discount. Bethlehem Steel Co., Bethlehem, Pa.—\$5,730; f.o.b. Leetsdale; net.

#### BIDS OPENED

**SAN MATEO & SANTA CRUZ COS., Calif.**—Following bids received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one 1/2-c.y. capacity power shovel, for approximately 500 hours, for use in San Mateo and Santa Cruz Counties:

Adams Constr. Co., S. F.—\$400 per hour.

C. E. Hulls—\$415.

M. F. Cunha, Half Moon Bay—\$500.

E. G. Keeble, San Jose—\$5.00.

Raby & Zucconi, Quincy—\$5.15.

Albert Helwig, Sebastopol—\$5.20.

Harrison & Harrison, Alameda—\$5.24.

Rock & Gravel Trucking Co., Oakland—\$5.40.

J. E. Ereen, Sacramento—\$5.49.

C. Mangel, Sacramento—\$5.47.

F. A. Lance, San Jose—\$5.50.

Robinson & Rulofson, Healdsburg—\$5.75.

Shanmug Co.—\$6.00.

Portek Lumber Co.—\$6.45.

Valley Trucking Service, Three Rivers—\$6.50.

Alexander Bros., Oakland—\$6.50.

Western Crane Service, Oakland—\$7.00.

## 26—RAILROADS

### ADDITIONAL SUB-CONTRACTS AWARDED

**ALAMEDA CO., Calif.**—Bates and Rogers Constr. Co., 532 Russ Bldg., San Francisco, general contractors for the construction of the East Bay Yard substructure of the railway facility of the San Francisco-Oakland Bay Bridge, have awarded the following sub-contracts:

Concrete—Charles S. Hughes Co., 1001

Ashby Ave., Berkeley.

Piling & Lumber—Chas. R. McCormick Lumber Co., 461 Market St., San Francisco.

Reinforcing Steel—Dick Richards, 3422 Piedmont, Oakland.

As previously reported, contract for driving 3,871 piles awarded M. B. McGowan, Inc., 74 New Montgomery St., San Francisco.

### CONTRACT AWARDED

**SAN FRANCISCO.**—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$2,467, submitted low bid and awarded contract by the Bd. of Harbor Commissioners, Frank C. White, chief engineer, Ferry Bldg., for the reconstruction of the main track of the Belt Line R.R. from Broadway to a point opposite Pier No. 1. All materials will be furnished by the Harbor Commission.

Eaton & Smith, at \$2,887, submitted the only other bid.

### LOW BIDDERS

**HICKAM FIELD, T. H.**—Max W. Moody, Honolulu, at \$41,072 submitted low bid to Capt. H. B. Nourse, Constructing Quartermaster, Hickam Field, under Bid No. W-397-37-17, for the construction of a railroad and parallel highway to the Magazine Area at Hickam Field.

The three low bids follow:

Max W. Moody, Honolulu..... \$41,072

Moses Akiona, Honolulu..... 56,000

Hawaiian Contr. Co., Honolulu 69,348

The work involves:

(1) Work complete, construction of railroad and parallel highway to the Magazine Area;

(II) (ALT.) In re-lay rails are used in lieu of new re-rolled steel rails,

add or deduct;

(III) Unit prices:

(1) Excavation (unclass.) per c.y.;

(2) Fill or ballast from Government borrow;

(3) 45-lb. new re-rolled rails, per ton;

(4) 45-lb. relay rails, per ton;

(5) Bolts, nuts and lock washers, per pound;

(6) Spikes, per 100 lbs.;

(7) Day brackets, each; per pair;

(8) Splice plates, per pair;

(9) 18-in. reinf. concrete drain pipe, per L.F.;

(10) 12-in. do.

## 28—FIRE EQUIPMENT

### BIDS OPENED

**OAKLAND, Calif.**—Following bids received by the Oakland Board of Port Commissioners, A. H. Abel, Secretary, Grove St. Pier, for furnishing one emergency fire truck: Pacific Fire Extinguisher Co., \$3,463 Challenger Fire Equip. Co., \$3,715. General Fire Truck Corp. of Calif., \$3,784.24.

P. E. Van Pelt, \$3,935.40.

America - La France and Foamite Corp., \$4,187.

S. S. and W. W. Hirsch, \$4,716.68.

Marine International Motor Truck Corp., \$4,945.

## 29—STREETS AND HIGHWAYS

### CONTRACT AWARDED

**PHOENIX, Ariz.**—Daley Corp., 4430 Boundary St., San Diego, awarded contract by the Phoenix city commission, at \$91,853.10, for improving portions of 8th St., Richard St., 9th St., Monte Vista Rd., Dayton St., Almeria and Coronado Roads, and Mitchell St. James Grand, city engineer. Funds for this project will be furnished by a 45% PWA grant and bonds issued under Chap. 12, Art. 16, Ariz. Revised Code of 1928.

### REJECTION RECOMMENDED

**FRESNO & TULARE COS., Calif.**—District Engineer C. H. Sweetser, Bureau of Public Roads, San Francisco, has recommended rejection of the only bid received, that of Ralph A. Beck, Sherlock Bldg., Portland, at \$101,494.20, for 2,107 mt. grading and placing subgrade reinforcement on Section A2 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne County.

### CONTRACTS AWARDED

**STATE OF OREGON.**—The Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, has awarded the following contracts for highway construction, for which bids were opened March 25 and 26, as previously reported:

Coox and Douglas Counties: Myrtle Point-Mystic Creek Section of Coox Bay-Roseburg Highway. Furnish 11,400 cu. crushed rock in stock pile.

Contractor—Homer G. Johnson, Imperial Hotel, Portland—\$24,030.

Gilliam, Sherman and Wasco Counties: Memorial Park - Dillon and Ten Day River - Blalock Sections of Columbia River Highway. Furnish 13,000 cu. crushed rock in stock pile. Contractor—H. L. Rice, 2905 SE Pine, Portland—\$21,772.

Klamath County: Fort Klamath-Chiloquin Section of The Dalles-California and Chiloquin Highways. Furnish 28,500 cu. crushed rock in stock pile.

Contractor: A. S. Wallace, Roseburg—\$17,680.

### LOW BIDDERS

**COCONINO CO., Ariz.**—Tiffany Constr. Co., Phoenix, at \$6,365, sub-

mitted low bid to the Arizona State Highway Commission, Phoenix, for improvement of the Flagstaff-Fredonia Highway, F. S. 95-1 (1937) Unit B, A.F.E. 8963. The work, which begins about 22 1/2 miles northeast of Flagstaff and extends northerly about 5 1/2 miles, consists of furnishing and applying asphaltic surface treatment and is to be completed on or before May 31, 1937. The work involves:

100 M. gals. sprinkling;

60 hours rolling;

70,100 gals. SC-2 road oil;

300 cu. hotter material.

T. S. O'Connell, State Highway Engineer.

The next two low bids were:

Fearson & Dickerson, Tempe, \$7,130.

Southern California Roads Co., Los Angeles, \$7,855.

### BIDS WANTED

**SANTA CLARA COUNTY, Cal.**—Until April 19, 11 A. M., bids will be received by Santa Clara County Board of Supervisors, Frank W. Hogan, Court House, San Jose, for the improvement of one mile of Colorado Avenue.

The work involves 91,000 sq. ft. of macadam.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler, Court House, San Jose, at a charge of \$1.

### CONTRACT AWARDED

**OAKLAND, Calif.**—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$15,481.50 awarded contract by the Oakland Port Commission, A. H. Abel, Secretary, for furnishing and placing 73,000 sq. ft. of concrete pavement at the Oakland Municipal Airport between Hangars Nos. 4 and 5.

### CONTRACT AWARDED

**BAKERSFIELD, Kern Co., Calif.**—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at prices shown below, submitted the only bid received and awarded contract by the Bakersfield Board of Education, for paving of an unpaved strip of Union Avenue lying west of the Bakersfield School District property, Fremont School, between Eureka Street and Truxton Avenue.

Preparation of subgrade, \$0.27 per sq. yd.

Asphaltic concrete pavement, \$3.27 per ton.

Joe Hoffelder, City Engineer.

### BIDS WANTED

**ARCATA, Humboldt Co., Calif.**—Until May 7, 8 p.m., bids will be received by the Arcata City Council, George F. Croyley, City Clerk, for the construction of a concrete sidewalk on the west side of I Street, between 8th and 9th Streets; and of a wooden sidewalk on the north side of 8th Street, between I and J Streets.

Plans and specifications obtainable from the above office.

### BIDS OPENED

**LOS ANGELES CO., Calif.**—D. A. Loomis, 676 W. Salem St., Glendale, at \$14,668, submitted low bid to the State Division of Highways, S. V. Corfvelou, District Engineer, State Bldg., Los Angeles, for construction of sidewalks and stairways on the grade separation structure at Firestone Blvd. and Graham Ave., Los Angeles.

The work involves:

(1) 200 cu. structure excavation;

(2) 8000 lb. bar reinf. steel in place;

(3) 198 anchor rods in place;

(4) 83 anchor bolts in place;

(5) 60 cu. Class A portland cement concrete in place (structure);

(6) 21,000 lbs. structural steel in place;

(7) 1 lot pedestrian walkways complete in place;

(8) 1 lot steel railing complete in place.

Total bids follow:

(A) D. A. Loomis, Glendale, \$14,668.00.  
(B) S. Tedesco, Huntington Park, \$15,291.00.

Unit bids follow:

	(A)	(B)
(1) .....	\$ 3.00	\$ 3.00
(2) .....	06	055
(3) .....	3.00	3.50
(4) .....	2.00	3.00
(5) .....	59.00	40.00
(6) .....	.19	.25
(7) .....	908.00	1700.00
(8) .....	490.00	3660.00

#### BIDS WANTED

**LOS ANGELES**—Until May 4, 2 p. m., bids will be received by the Los Angeles county supervisors, 501 Hall of Records, for the improvement of Slauson Ave., about  $\frac{1}{2}$  mile east of Eastern Ave., for a distance of 516 ft., more or less, Cash Contract No. 499.

The work involves:

- (1) 2760 cu. yd. excav. (including shapping and removal of existing curb and pavement);
  - (2a) 15,480 sq. ft. 8-6-6-8-in. concr. pavement;
  - (2b) 15,480 sq. ft. 6 $\frac{1}{2}$ -in. asph. concr. pavement;
  - (3) (1) 15,996 sq. ft. 6-in. disintegrated rock base;
  - (3) (2) 15,996 sq. ft. 8-in. broken concrete base;
  - (4) 313 lf. 6-10-18-in. cement concr. curb;
  - (5) 707 sq. ft. 8-in. cement concrete gutter;
  - (6) 8 lf. 18-in. reinf. concrete pipe (1500-D);
  - (7) 74 lf. 24-in. reinf. concrete pipe (1800-D);
  - (8) 152 lf. 30-in. reinf. concrete pipe (1500-D);
  - (9) 8 lf. 36-in. reinf. concrete pipe (1500-D).
- Items (2a) and (2b) and 3 (1) and 3 (2) are alternates.

Geo. W. Jones, county road commissioner, Mame B. Beatty, 501 Hall of Records, clerk of the board.

#### BIDS WANTED

**STATE OF OREGON**—Until April 28, 9 a. m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

**Clatsop, Columbia and Washington Counties:** Nehalem Highway Oiling Project on Nehalem Secondary Highways, Federal Aid Secondary Projects Nos. 213-C, D, F and G and 245-B. 26.23 miles oil mat surface treatment (Type 0-9 modified). This project may be bid in combination with Linn and Yamhill Counties Oiling Project in Linn and Yamhill Counties.

**Linn County:** Lamb Creek-Sheep Ridge Section of Santiam Highway Federal Aid Project No. 196-E. 1.34 miles grading, requiring approximately 201,000 cu. yd. excavation, and 3,400 cu. yd. talus topping materials.

**Linn and Yamhill Counties:** Linn and Yamhill Counties Oiling Project on three secondary highways, Federal Aid Secondary Project No. 230-A and State Project: 11.43 miles oil mat surface treatment (Type 0-11 modified). (This project may be bid in combination with the Nehalem Highway Oiling Project.)

**Malheur County:** East Unit of Jordan Creek Section of I. O. N. Highway, Federal Lands Highway Project No. FLH 3-E. 15.46 miles grading, requiring approximately 197,000 cu. yd. excavation, and 15,000 cu. yd. pit-run gravel topping.

**Malheur County:** Construction of five bridges and three culverts on the East Jordan Creek Section of the I. O. N. Highway, Federal Lands

Highway Project No. FLH 3-E. Requires approximately 495 cu. yd. excavation; 880 lf. treated piling; 61 MFEM treated lumber; 446 cu. yd. concrete; 66,000 lbs. metal reinforcement; 138,000 lbs. structural steel; and 668 lf. concrete handrail. (This project may be bid in combination with Jordan Creek grading project.)

**Marion County:** Removal and replacement of substructure for west approach to bridge over Willamette River on the Salem-Dallas Highway at Salem. State Project. Requires approximately 1300 MFEM treated lumber and 16 MFEM untreated lumber.

Plans and specifications obtainable from the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5 per set.

#### LOW BIDDERS

**APACHE CO., Arizona.**—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, Arizona, at \$88,906.80, submitted the lowest of eight bids received by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, C. H. Sweetser, District Engineer, for about 4.84 miles grading and placing subgrade reinforcements with 2 bituminous treatment (light surface application) on Section C of Route 1, Petrified Forest National Monument, Apache County, Arizona. The principal items of work involved are:

- (1) 24,000 cu. yd. unclass. excav.;
- (2) 600 cu. yd. for structures;
- (3) 36,000 cu. yd. for borrow;
- (4) 7,000 sta. yds. overhaul;
- (5) 48,000 cu. yd. borrow haul;
- (6) 24,700 tons subgrade reinforcement;
- (7) 250 M. gals. watering;
- (8) 220 tons applying liquid asphalt-ic road material, Type SC-2;
- (9) 75 cu. yd. concrete;
- (10) 2,400 lbs. reinforcing steel;
- (11) 51 cu. yd. masonry;
- (12) 1,630 lf. CMP;
- (13) 1 Type A spillway inlet;
- (14) 7 sets cast steel frame and cover for drop inlets;
- (15) 550 lf. Type 1 (stone) curb;
- (16) 950 lf. Type 2 (stone) curb;
- (17) 1,280 sq. ft. flagstone walks;
- (18) lump sum, blast plates.

The three low bids follow:  
Person & Dickerson .. \$68,906.80  
Ernest W. Everly .. \$69,817.56  
Packard Contracting Co. .. 76,595.60

#### BIDS WANTED

**STATE OF OREGON**—Until April 27, 9 a. m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction, as follows:  
**Clatsop County:** Wilson Ranch-Paradise Creek Section of Umpqua Highway; 7.8 miles resurfacing; also furnishing of 12,000 cu. yd. crushed gravel in stock pile. Requires approximately 32,000 cu. yd. crushed gravel.

**Harney County:** Burns-Buchanan Section of Central Oregon Highway; 21.8 miles roadbed topping and road-mix oiled surfacing. Requires approximately 56,300 cu. yd. selected pit-run gravel topping materials and 256,000 sq. yds. road mix oiled surfacing.

**Harney and Lake Counties:** Valley Falls-Cinder Butte Section of Lakeview-Burns and Fremont Highways; 96.7 miles oil mat surface treatment (Type 0-30 modified).

**Klamath County:** Beatty-Biv Section of Klamath Falls-Lakeview Highway. Furnish 5,700 cu. yd. crushed rock in stock pile. This project may be bid in combination with Klamath Falls Rock Production Project in Klamath County.

**Klamath County:** Klamath Falls Rock Production Project on The

Dalles-California, Green Springs, and Klamath Falls-Lakeview Highways. Furnish 20,000 cu. yd. crushed rock in stock pile. This project may be bid in combination with Beatty-Biv Rock Production Project in Klamath County.

**Lane County:** Rainrock-Greenleaf Creek Section of Siuslaw Highway; 16.21 miles oil mat surface treatment (Type 0-9 modified).

**Tillamook County:** Short Sand Beach Creek Section of Oregon Coast Highway; 1.24 miles grading; requiring approximately 180,000 cu. yd. excavation.

**Washington County:** Middleton-Votaw Section of West Side Pacific Highway; 1.2 miles grading and Portland cement concrete pavement. Requires approximately 34,000 cu. yd. excavation; 9,000 cu. yd. crushed rock in base and shoulders; 15,000 sq. yds. Portland cement concrete pavement; and 900 sq. yds. asphaltic concrete pavement.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5 per set.

#### BIDS WANTED

**CULVER CITY, Los Angeles Co., Calif.**—Until April 26, 8 p. m., bids will be received by the City Council of Culver City for resurfacing Hazelton and Virginia Aves. Certified check 1/3 must accompany bid. Specifications may be obtained from Harry Eaton, Street Superintendent.

#### BIDS WANTED

**LOS ANGELES**—Until May 4, 2 p. m., bids will be received by the Los Angeles county supervisors, 501 Hall of Records, for the improvement of Arroyo Seco Road in Secs. 19 and 30, T 2 N, R 12 W, near Pine Canon, for a total distance of 1482, or 23 miles, under City Contract No. 497.

The work involves:

- (1) 10,820 cu. yd. excav.;
  - (2) 34 lf. corr. metal pipe (Types A or B);
  - (3) 35 lf. 60-in. corr. metal pipe (Types A or B);
  - (4) 15 cu. yd. rubble masonry.
- Geo. W. Jones, county road commissioner, Mame B. Beatty, 501 Hall of Records, clerk of the board.

#### BIDS OPENED

**LONG BEACH**—Sully-Miller Contracting Co., 1500 West 7th St., Long Beach, submitted apparent low bid to the Long Beach city manager, R. M. Dorton, at (A) \$21,920.50 for improving portions of Fourth St., between Golden Ave. and American Ave., and portions of intersecting streets. Specifications No. R-953. W. B. Buchanan, City Engineer-Director of Public Service.

Griffith Co., Los Angeles, submitted the only other bid at (B) \$22,475.47.

Three bids were referred to the city engineer for tabulation and to the chemist for analysis of asphalt content. The quantities upon which the bids are figured will be adjusted to his report which will probably be available Monday.

The items are:

- 513 lf. cement conc. curb;
  - 49 lf. cement conc. combined curb and 6-in. gutter, 18 in. wide;
  - 93 lf. cement concrete combined curb and 8-in. gutter 18 in. wide;
  - 9316 sq. ft. 6-in. cement concrete gutter;
  - 2242 sq. ft. 8-in. cement concrete gutter;
  - 887 sq. ft. cement concrete sidewalk;
  - 424 tons asphalt concrete base course;
  - 2735 tons asphalt concrete leveling course;
  - 1706 tons asphalt concrete Type A wearing surface;
- GRADING complete, including:

Filling 6 sidewalk manholes and salvaging rims and covers;  
Resetting to grade 14 manhole rims and covers;

Removal of 705 lf. curb;  
Removal and salvage of 12,056 sq. ft. brick gutter;

Removal of 21,489 sq. ft. pavement and wearing surface;

Removal of 1000 sq. ft. sidewalk;  
Removal of cross drains and culverts;

Preparation of 32,035 sq. ft. of subgrade.

The unit bids were:

	(A)	(B)
(1) .....	\$.60	\$.50
(2) .....	1.00	.80
(3) .....	1.10	1.00
(4) .....	.26	.20
(5) .....	.32	.26
(6) .....	.20	.15
(7) .....	2.90	3.15
(8) .....	2.90	3.10
(9) .....	3.05	3.25
(10) .....	3100.00	4100.00

**BIDS WANTED**

LOS ANGELES CO., Calif.—(Until May 6, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 4 miles grading and paving with portland cement concrete and plant mixed surfacing in Los Angeles County on Carson Street, between Lakewood Blvd. and Norwalk Road.

The work involves:

- 212 sta. clear and grub right of way;
- 900 M. gals. water;
- 7200 c.y. roadway excav., uncl.;
- 880 c.y. struc. excav.;
- 8000 c.y. ditch and channel exc.;
- 37,000 c.y. imported borrow;
- 45 tons Grade E asphalt (membr. seal);
- 4,700 tons imported subgrade material;
- 23,500 sq. yds. preparing subgrade;
- 212 sta. finishing roadway;
- 20 tons liq. asphalt, MC-2 (prime coat);
- 8,000 tons mineral aggregate (plant mix surf.);
- 422 tons liq. asphalt ROMC-4 or ROMC-5 (plant mix surf.);
- 400 sq. yds. asphaltic paint binder;
- 66 tons liq. asphalt, SC-1A (penetration oil treatment);
- 4,680 c.y. Class A portland cement concrete (pavement);
- 8 sections pave crossing device (Type C);
- 9,600 each pave. dowels;
- 32,300 lbs. bar reinf. steel (pave and strucs.);
- 280 c.y. Class A portland cement concrete (strucs.);
- 46,000 lbs. steel rail assemblies;
- 22,300 lbs. misc. iron and steel;
- 64 lf. curb armor;
- 80 lf. 30-in. CMP;
- 210 lf. 36-in. CMP;
- 40 lf. remove and salvage pipe culverts;
- 70 lf. laminated guard railing;
- 28 each, culvert markers;
- 50 each, guide posts.

NOTE: The State will furnish corrugated metal pipe and band covers as more explicitly set forth in special provisions.

Plans and specifications obtainable on the office of the State Highway engineer, P. O. Box 1499, Sacramento, or at the office of the District Engineer in San Francisco and Los Angeles.

**BIDS OPENED**

APACHE CO., Arizona.—Following bids received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for furnishing 220 tons Type SC-2 liquid asphalt road material for use on Rt. Petrified Forest National Monu-

ment, Apache County, Arizona:

The Petrol Corp.—\$5 per ton; total, \$1,100; f.o.b. Los Angeles.

General Petroleum Corp. of Calif.—\$5 per ton; total, \$1,100; f.o.b. El Segundo; \$5.50 per ton, total \$1210, f.o.b. Seguro.

Water Associated Oil Co.—\$5 per ton, f.o.b. El Segundo; \$5.50 f.o.b. Volcan; \$7, f.o.b. Avon.

Gilmore Oil Co.—\$5.50 per ton, total \$1210, f.o.b. Bakersfield; \$5 per ton, total \$1100, f.o.b. Los Angeles.

Richfield Oil Co.—\$5, f.o.b. Watson; \$5.50 f.o.b. Bakersfield.

Shell Oil Co.—\$5.50, f.o.b. Bakersfield.

Standard Oil Co. of Calif.—\$5.50 per ton, total \$1210, f.o.b. Seguro or Bakersfield.

Union Oil Co. of Calif.—\$5.0, f.o.b. Maltha.

**LOW BIDDERS**

LOS ANGELES CO., Calif.—Match Bros., Elsinore, at \$161,365.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 3.5 miles grading and paving with portland cement concrete and plant-mixed surfacing, in Los Angeles County, between Center St. and Firestone Blvd.

The three low bids follow:

- Match Bros., Elsinore..... \$161,365.50
- Oswald Bros., Los Angeles 163,582.50
- B. G. Carrol & C. B. Grove, San Diego ..... 170,687.20

Complete bids will be published shortly.

**CONTRACT AWARDED**

PIMA CO., Ariz.—Phoenix Trucking Co., Box 2293, Phoenix, at \$16,880, awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Florence-Tucson Highway, Non-F.A. 9-C, A.F.E. 8760. The work, which lies between the towns of Coolidge and Piaccho, consists of seal coating approximately 18 miles of existing oil surface and is to be completed on or before 30 days after the award of contract.

**BIDS OPENED**

ARCADIA, Los Angeles Co., Calif.—J. H. Coombs, 428 N. Myrtle Ave., Monrovia, submitted low bid to the Arcadia city council, at \$8,890, for improving Holly Ave., between Live Oak Ave. and a point just south of Lenta Ave. C. B. Watson, city engineer. Bids were taken as follows:

- 55,000 sq. ft. oil macadam;
- 115,000 sq. ft. oil macadam;
- Lump sum, two culverts;
- 55,000 sq. ft. premix;
- Alt. 115,000 sq. ft. premix;
- Lump sum, two culverts.

The bids, which were taken under advisement two weeks, were:

- J. H. Coombs—(1) 4.8c, total \$2640;
- ..... total \$730; (3) \$200; (4) 4.5c and (6) no bids.
- A. T. Mathews—(1) 6c, \$3300; (2) 5.38c, \$8197; (3) 5.18c; (4) 6.5c, \$3575; (5) \$5.91, \$6796.50; (6) 5.12c.
- H. Haddock, 174, (1) 6.4c, \$3520; (2) 6.3c, \$3245; (3) \$200; (4) 5.5c, \$3025; (5) 5.4c, \$8210; (6) \$220.

April 9, 1937

**CONTRACT AWARDED**

MONROVIA, Los Angeles County, Cal.—J. H. Coombs, 428 N. Myrtle Ave., Monrovia, at \$9,294.60 awarded contract by the Monrovia city council for improving Magnolia Avenue from Olive Ave. south to Duarte Road, a cash contract under separate tax funds. Plans were prepared by Garth Duell, City Engineer. Paving will extend from Olive Ave. to Huntington Drive, but the drainage structures will be located at various points along the entire length of the improvement.

The total bids were:  
J. H. Coombs, Monrovia \$ 9,294.60

H. E. Haddock, Ltd., Pasadena ..... 10,892.90

**BIDS WANTED**

SAN DIEGO CO., Calif.—Until April 20, 3:30 p.m., bids will be received by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and hauling earth for the District Shop and Maintenance Yard site, San Diego, between Taylor, Juan and Rosecrans Streets.

The work involves:  
(1) 2700 c.y. garage soil, in place;  
(2) 16,000 c.y. earth fill, in place.  
Plans and specifications obtainable from the above office.

**CONTRACT AWARDED**

NAVAJO CO., Arizona.—Southern Calif. Roads Co., 2145 E. 25th St., Los Angeles, at \$82,300.19, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-St. Johns Highway, P.A. 42, 1st Reop. (1937) A.F.E. 2600. The work, most of which extends from a point about 5 1/2 miles southeast of Holbrook southeasterly for a distance of about 10 1/2 miles, consists of grading, fencing, and oil processing (90-95 road oil plant mix), and is to be completed on or before Sept. 15, 1937.

**CONTRACT AWARDED**

PIMA COUNTY, Arizona.—Tanner Construction Co., 312 S. 11th Ave., Phoenix, at \$162,778 awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvements on FA 9-A, first reopening (1937) AFE 8010; FA 94-F, first reopening (1937) AFE 8010, Tucson - Florence Highway. Work which is to begin at the corner of Stone Ave. and Draughman St. in Tucson and extends westerly to Oracle Road, thence northerly on Oracle Road to the intersection with the Casa Grande Road, a distance of about two miles, consists of grading, draining, aggregate base course, oil processing and incidental work, and is to be completed on or before Dec. 15, 1937.

The principal items are:

- 23,300 c.y. roadway excav.;
- 1,200 c.y. structural excav.;
- 16,000 c.y. imported borrow;
- 19,000 c.y. ml. imported borrow haul;
- 13,100 tons coarse aggregate base course;
- 1,090 tons fine aggregate base course;
- 1,100 M. gals. sprinkling;
- 400 hours rolling;
- 1,500 sq. yds. concrete pavement;
- 550 c.y. Class A concrete;
- 5,700 lbs. reinf. steel;
- 2,400 sq. yds. cement rubble ditch lining;
- 8,000 lf. special combination curb and gutter;
- 12,100 lf. special integral curb and gutter;
- 16,200 lf. single curb;
- 2,500 lf. valley gutter;
- 67,300 sq. ft. 4-in. conc. sidewalk;
- 372 lf. 30-in. CMP;
- 2,300 lf. plain conc. pipe (3 sizes);
- 11,500 tons plant mix;
- 480 tons MC-5 cutback asphalt;
- 12,600 sq. yds. removal of 6-in. conc. pavement.

The next two bids were:  
Lee Moor Contr. Co., El Paso, Tex. \$164,840.00

Pearson and Dickerson, Prescott, Ariz. \$169,170.

**BIDS WANTED**

SACRAMENTO, Cal.—Until April 15, 4 P.M. to be opened at 8 P.M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, for the widening and improvement of Sacramento Blvd. and Fifth Ave. between 38th and 39th Streets.

The work involves:

- (1) one fire hydrant to be moved;
  - (2) 11 trees to be removed;
  - (3) 580 c.y. excavation, unclass.;
  - (4) 1,062 lf. concrete curbs and gutters to be removed;
  - (5) 16 lf. concrete curbs alone to be removed;
  - (6) 3,770 sq. ft. concrete sidewalk to be removed;
  - (7) 4 manholes, to be reconstructed to grade;
  - (8) 1 manhole to be constructed;
  - (9) 5 gutter drains to be placed;
  - (10) 193 lf. 6-in. vitrified iron drain pipe to be placed;
  - (11) 980 lf. concrete curbs and gutters, No. 6, to be placed;
  - (12) 22 lf. concrete curbs, No. 6, to be placed;
  - (13) 5,533 sq. ft. 3½-inch concrete sidewalk to be placed;
  - (14) 432 tons crusher run base;
  - (15) 683 tons asphaltic conc. pavement;
  - (16) 1,050 gals. bituminous binder;
  - (17) 53 tons screenings.
- Plans and specifications obtainable from the above office.

April 9, 1937

**LOW BIDDER**

**PHOENIX, Ariz.**—Daley Corp. 4430 Boundary St., San Diego, at \$91,853.10 submitted low bid to Phoenix city commission for improving portions of 8th St., Richland St., 9th St., Monte Vista Road, Dayton St., Almeria and Coronado Roads, and Mitchell St. Resolution of Intention No. 6445, in accordance with plans and specifications prepared by Jas. Girard, city engineer. Funds for this project will be furnished by a 45% PWA grant and bonds issued under Chap. 12, Art. 16, Ariz. Revised Code of 1928.

- The approximate quantities are:
- 40,112 sq. yds. plant mix oil processed pavement, 3-in. thick, Spec. 363;
  - 40,112 sq. yds. aggregate base, 6-in. thick;
  - 40,112 eq. yds. grading under pavement;
  - 1,460 eq. yds. portland cement conc. pavement, 6-in. thick, Spec. 363;
  - 1,460 eq. yds. grading under conc. pavement;
  - 10,065 sq. yds. parkway grading;
  - 17,620 sq. ft. cem. conc. sidewalk, 4-in. thick, Spec. 363;
  - 25,839 lf. comb. curb and gutter, Det. E-1;
  - 441 lf. single curb, Det. F-1;
  - 10 lf. single gutter, Det. G;
  - 1,083 lf. valley gutter, Det. Z;
  - 330 lf. 12-in. conc. pipe (plain);
  - 80 lf. 12-in. conc. pipe (encased), Det. D;
  - 162 lf. 30-in. relinf. conc. pipe;
  - 2 ea. gutter inlets, Det. Q-3;
  - 15 ea. monument covers, Det. K;
  - 9 ea. street signs, Det. P;
  - 2 ea. manholes, Det. J;
  - 1 ea. adjusting manhole covers;
  - 6 ea. conc. headwalls, Det. D.
- Arizona Concrete Co., Phoenix, submitted the second bid at \$101,175.45.

**BIDS OPENED**

**SAN FRANCISCO.**—Fay Improvement Co., 760 Market St., at \$3,703.60, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1775, for furnishing, delivering, spreading, and rolling approximately 940 tons asphaltic concrete binder course and wearing surface, on Lyon St., Gorgas Ave. and other streets, for approaches to the Golden Gate Bridge.

The other bids were:

Chas. L. Harney.....\$4,004.40  
Eaton & Smith.....4,051.40  
Pacific States Constr. Co.....4,700.00

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Chas. L. Harney, 443 Call Bldg., San Francisco,

at \$9,133.05, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19023, for the construction of the Marina Connection at Lyon Street for the Presidio Approach to the Golden Gate Bridge.

**BIDS WANTED**

**YERBA BUENA ISLAND, Cal.**—Until April 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dora, District Engineer, 401 Custom House, San Francisco, under Bid No. 868 37-241, for the construction of a roadway, less paving and preparation of subgrade, on Yerba Buena Island, for a length of approximately 2591 feet and a width of 64 ft.

The work is located on the west side of Yerba Buena Island, and consists of clearing and grubbing right of way, roadway excavation, building embankments to grade and cross-section, furnishing and constructing a concrete retaining wall, temporary timber trestles, a steel and concrete trestle, timber cribs, miscellaneous drainage structures, including one catch basin and corrugated metal pipe culverts, and all incidental work. The work does not include preparation of subgrade, paving of roadway and of temporary timber trestles, and supplying and placing catch basins other than the one specified above.

Bids will be taken as follows:

- (1) 5.5 acres clearing and grubbing;
- (2a) 65,000 c.y. roadway excav., unclassified;
- (2b) 321,455 sta. yds. overhaul;
- (3) 4,219 M. gals. water for embankments;
- (4a) 5,367 c.y. struc. excav., unclass.
- (4b) 6,471 c.y. backfill;
- (5a) 155 c.y. Class A concrete;
- (5b) 222 c.y. Class B concrete;
- (6) 85,710 lbs. reinforcing steel;
- (7) 94,732 lbs. structural steel;
- (8) 376 MFBM timber trestles (Douglas fir);
- (9) 25,000 sq. ft. wal board sheathing;
- (10) 25 MFBM timber cribs (Redwood);
- (11) 8,000 sq. ft. painting woodwork;
- (12) 25,000 sq. ft. painting sheathing;
- (13a) 60 lf. 6-in. corr. pipe culverts
- (13b) 270 lf. 12-in. do;
- (13c) 20 lf. 15-in. do;
- (13d) 260 lf. 18-in. do;
- (13e) 100 lf. 21-in. do;
- (13f) 169 lf. 24-in. do;
- (14) 42 c.y. riprap stone.

Plans and specifications obtainable from the above office upon deposit of \$100.

**30—RESERVOIRS & DAMS****TO ASK BIDS SHORTLY**

**PLACER COUNTY, Cal.**—Bids will be asked in about two months by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for the construction of the North Fork Dam, about ten miles northeast of Auburn, at the intersection of the Sacramento and American rivers. Estimated cost, \$900,000.

**TO ASK BIDS SHORTLY**

**PLACER COUNTY, Cal.**—Bids will be asked in about two months by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for construction of the Ruck-A-Chucky Dam, about five miles northeast of Greenwood in Placer County. Estimated cost, \$750,000.

The dam will be on the middle fork of the American River and will have a capacity of 24,000,000 c.y. of gravel.

**BOND ELECTION**

**PETALUMA, Sonoma Co., Calif.**—A proposal to issue \$225,000 in bonds

to finance construction of a municipal sewage plant will be placed on the ballot at the municipal election, June 8. The project will comprise an intercepting sewer system and appurtenances, and sewage pumping and treatment works.

Application will be filed with the PWA for a grant of 45% of the total cost.

Harry N. Jenks, 2701 Benvenue Ave., Berkeley, consulting engineer.

**BOND ELECTION**

**WATSONVILLE, Santa Cruz Co., Calif.**—A special election will be held May 10 to vote on a proposition to issue \$2,000,000 in bonds to finance extensions and additions to the sewer and drainage system, including pipes, machinery, equipment, etc.

Bert Kitchen, City Engineer.

**BIDS WANTED**

**MODESTO, Stanislaus Co., Calif.**—Until April 28, 7:30 p.m., bids will be received by the Modesto City Council, City Hall, for furnishing equipment and materials to be used in the construction of an extension to the sewer system.

Bids will be taken as follows:

- (1) Four-arm 90-ft. diameter rotary sewage distributor complete in place with cast-iron base, spray nozzles, and appurtenances there-to; distributor shall be capable of uniformly distributing liquid at a rate of 9,000,000 gals. per day under a maximum head of 2 ft.;
- (2) One vertical 12-in. suction, single stage, axle flow, propeller type pump, with capacity of 3,000 g.p.m. at 8½ ft. total dynamic head, including one 220-volt, 3-phase, 60-cycle, vertical motor; motor shall be either 870 or 1170 r.p.m.;
- (3) Vertical 12-in. suction, single stage, axle flow, propeller type pump, with capacity of 2,400 g.p.m. at 8½ ft. total dynamic head, including one 220-volt, 3-phase, 60-cycle, vertical motor; motor shall be either 870 or 1170 r.p.m.;
- (4) 92 ft. 10-ga. armo. or equal, asbestos coated corrugated sewer pipe.

Plans and specifications obtainable from the office of City Engineer Frank J. Rossi.

Check or bid bond for 10% must accompany each bid.

**CONTRACT AWARDED**

**SACRAMENTO.**—J. W. Terrell, 2765 Donner Way, Sacramento, at \$18,700 awarded contract by Major Arthur W. Parker, Construction Quartermaster, Army Air Corps Supply Depot, near North Sacramento, for constructing and completion of sanitary sewers at the air base. Complete bids published Mar. 30.

April 15, 1937.

**BIDS OPENED**

**SAN FRANCISCO.**—W. J. Tobin 581 Howard St., San Francisco, at \$362.50, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,032, for the construction of a main sewer in an easement from a north westerly termination of August ave. to Union St.

Complete bids follow:

W. J. Tobin.....\$362.50  
Martin Murphy, Berkeley.....358.00  
Thos. Gallagher.....611.25  
E. J. Treacy.....611.25  
Arthur W. Wagner.....617.40  
Fay Improvement Co.....685.40  
DeLuca & Son.....2081.70

All bidders of San Francisco unless otherwise noted.

- The work involves:
- (1) 162 lf. 8-in. VCP sewer;
  - (2) 2 brick manholes.



**CONTRACT AWARDED**

**SAN FRANCISCO**—Fay Improvement Co., 760 Market St., San Francisco, at \$19,464.71, awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,959, for the grading, paving, and laying of sewers in Williams Ave. between Third St. and Newhall St.

**33—WATER WORKS****CONTRACT AWARDED**

**WASCO, Kern Co., Calif.**—Johnson Pump Co., 2324 E. 49th St., Los Angeles, at \$2,967.71, submitted low bid and awarded contract by the Wasco Public Utility District, W. D. Cokely, Clerk, for furnishing and installing one complete pumping plant unit, equipped with electric motor, to be installed in the west well, near northeast corner of E and 8th Sts.

Peerless-Bean Sales & Service, Fresno, at \$3,060.86, submitted the only other bid.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until April 27, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for constructing low pressure steam lines and vacuum return line between the Tunnel in Eucalyptus St. and the Occupational Therapy Shops Building, Rancho Los Amigos, nr. Downey. Specifications No. 388. These lines will be laid in tunnels to be constructed under separate contract.

R. E. Shoner, County Mechanical Engineer, tenth floor, Hall of Records, Mame B. Beatty, Clerk of the Board.

**CONTRACT AWARDED**

**PHOENIX, Ariz.**—Bona Concrete Co., Phoenix, awarded contract by the Phoenix city commission, for furnishing and installing water meters, and service extensions, Job No. W-341-11C, Docket 2636. The amount of this contract is not available.

The items are:

- 475  $\frac{3}{4}$ -in. x  $\frac{3}{4}$ -in. positive displacement meters;
- 900 cast-iron meter box covers;
- 145 installing meters;
- 700 c.y. excav. and backfill;
- 2520 ft. 4-in. C.I. pipe, class 150;
- 450 l.f. 2 $\frac{1}{2}$ -in. galv. pipe;
- 215 l.f. 2-in. galv. pipe;
- 4200 l.f.  $\frac{3}{4}$ -in. galv. pipe;
- 5 only 4-in. valves, hub end;
- 1 only 2 $\frac{1}{2}$ -in. screw end valve;
- 1 only 2-in. screw end valve;
- 115  $\frac{3}{4}$ -in. corp. cocks;
- 1500 lbs. Class D C.I. pipe;
- 1000 lbs. galv. std. fittings;
- 2 connections at 12th St. and Welton;
- 10 connections at Idlewild and Devonshire;
- 120 connections small pipe;
- 7 cast-iron valve boxes;
- 5 sq. yds. concr. paving break;
- 5 sq. yds. black paving break;
- 2 c.y. 4 sack concr. in place.

**CONTRACT AWARDED**

**SAN FRANCISCO**—San Francisco Water Department, 425 Mason St., at \$22,921.50, awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W D 493, for relaying of city pumps discharge main at Ocean View Gulch, San Francisco.

The work includes the relaying of approximately 375 ft. of 23-in. steel pipe and the laying of 155 l.f. of 24-in. steel pipe at Ocean View Gulch.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****BIDS REJECTED**

**ALHAMBRA, Los Angeles Co., Cal.**—City Council has rejected all bids received March 30 for installation of sewer service lines on Garfield Ave.

from Mission Road to Huntington Drive.

Savary Constr. & Engr. Co., 439 W 20th St., Long Beach, at \$4,250 submitted the lowest bid.

**CONTRACTS AWARDED**

**WASCO, Kern Co., Calif.**—Official PWA approval has been given the Wasco Public Utility District to its award to Heuser & Garnett, 816 Allen Ave., Glendale, at \$28,160, for constructing a sewage disposal plant under Schedule A. Plans were prepared by König & Koebig, 801 Rowan Bldg., Los Angeles (T 7335).

Contract for items 8, 9, 10, 11 of Schedule B, effluent lines, standpipes, alfalfa and gate valves, has been awarded under private contract to Strand & Seabrook, Bakersfield, at the following:

- 3615 ft. 10-in. concr. irrig. pipe for effluent lines at 37 $\frac{1}{2}$ ¢ ft.;
- 42 ft. 30-in. concrete pipe for standpipes at \$3.75 ft.;
- 50 10-in. alfalfa valves at \$5 each;
- 10 10-in. gate valves in standpipes at \$20 each.

The balance of the items of Sched. B was awarded to T. A. Allen Constr. Co., 108 W. 6th St., Los Angeles, at proved by the PWA.

\$3541.75, but has not yet been approved.

**BIDS WANTED**

**YERBA BUENA ISLAND, Cal.**—Until April 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. F. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-242 for the construction of a pump station and pipe line to transport water from Pier W-1 of the San Francisco-Oakland Bay Bridge at Spear St., in San Francisco, to within 140 ft. of a proposed reservoir site on Yerba Buena Island, a total distance of 11,750 feet.

Work consists of constructing a pump station at Pier W-1 of the San Francisco-Oakland Bay Bridge, and a pipe line from the easterly curb of Spear St., in San Francisco, through the pump station, across San Francisco-Oakland Bay Bridge, to within 140 ft. of the proposed reservoir site on Yerba Buena Island.

The work involves:

- (1) 50 c.y. structure excavation for pump station;
- (2a) 102 c.y. concrete, Class A;
- (2b) 9 c.y. concrete, Class B;
- (3) 16,000 lbs. reinforcing steel;
- (4) lump sum, completing concrete structures;
- (5a) 2 each, 175-gpm pump and motor;
- (5b) one 1250-gpm pump and motor;
- (5c) one 1750-gpm pump and motor;
- (6) lump sum, electric control and wiring equipment;
- (7) lump sum, telemetering equipment;
- (8) lump sum, pipe and fittings in pump station;
- (9) lump sum, surge chambers;
- (10a) 240 l.f. 8-in. seamless galvanized steel pipe and fittings;
- (10b) 2,000 l.f. 10-in. seamless galvanized steel pipe and fittings;
- (10c) 9,261 l.f. 10-in. galvanized steel pipe and fittings;
- (10c-Alt) 9,261 l.f. 10-in. cement lined steel pipe and fittings;
- (11a) 2 each, 8-in. rotating spherical joints;
- (11b) one 8-in. do (furnishing only);
- (12a) 14 each, 10-in. expansion joint double type, 4-in. travel;
- (12b) one 10-in. expansion joint, single type, 1-in. travel;
- (13) each, 10-in. gate valves;
- (14) 31,000 lbs. structural steel;
- (15) 265 each, pipe roller assemblies;
- (16) lump sum, misc. pipe fittings and small valves on pipe line;
- (17) 1 of each, fire hydrant assemblies;
- (18) 3 each, drinking fountains (installing only);

- (19) lump sum, painting pipe, fittings and structural steel;
- (20a) 1,200 l.f. excavation for 12-in. pipe line;
- (20b) 240 l.f. excavation for 4-in. pipe line;
- (21a) 1,200 l.f. 12-in. asphalt coated cast iron pipe and fittings;
- (21a-Alt.) 1,200 l.f. 12-in. cement lined cast iron pipe and fittings;
- (21b) 240 l.f. 4-in. asphalt coated cast iron pipe and fittings;
- (22a) 12,000 l.f. cable for control circuits, 2 wire;
- (22b) 12,000 l.f. do, 3 wire;
- (23) lump sum, removing and rebuilding sewer manhole;
- (24) 303 l.f. concrete pipea.

Plans and specifications available from the above office upon deposit of \$10.00.

**CONTRACT AWARDED**

**SAN FRANCISCO, Calif.**—M. J. Lynch, Oakland and Barneveld Aves., at \$29,725.35, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,003, for the installation of Section E, Portrero District Extension to auxiliary water supply system for fire protection.

**BIDS WANTED**

**SEATTLE, Wash.**—Until April 19, 8 p.m., bids will be received by the Alderwood Manor Water District No. 2, to be opened in the Maplewood Clubhouse at Alderwood Manor, for furnishing materials to be used in construction of a \$200,000 water supply system.

The project will involve furnishing 171,356 ft. of steel pipe from 2 to 10 inches, one 75,000-gal. storage tank, 267 gate valves, 35 air valves, fire hydrants, valve boxes, and fittings.

Principal quantities involved in the pipe contract include: 35,518 of 2-in.; 116,671 ft. of 4-in.; 2652 ft. of 6-in.; 13,720 ft. of 8-in., and 2795 ft. of 10-in. pipe.

Plans and specifications on file at the office of the engineers, Parker & Hill, 2021 Smith Tower, Seattle.

The successful bidder must be willing to accept general obligation bonds in the sum of \$17,000, according to the official notice.

Labor for the project will be furnished by the WPA.

**BIDS WANTED**

**LOS ANGELES**—Until April 28, 2 p.m., bids will be received by D. P. Nicklin, Purchasing Agent, Dept. of Water & Power, 207 S. Broadway, for installation of cast iron pipe water supply lines, P.W.A. Docket 1928-R, Unit No. 1 (complementary), Spec. No. X-100, as follows:

UNIT NO. 1-A

- (a) 131 tons delivery of 2690 l.f. cast iron pipe, cast iron pipe fittings, and gate valves from Bureau of Water Works & Supply Yards to trenchade on San Fernando Rd. west, per ton;
- (b) 2690 l.f. excav. of pipe trench in graded streets, in easements, in R.R. R/W; in tunnels under nr excavations across any streets, etc., per ft.;
- (c) 2690 l.f. 12-in. diam. pipe line, nacing pipe in trench, etc., per ft.;
- (d) 2690 l.f. backfilling trench for 12-in. main, per ft.

UNIT NO. 1-B

- (a) 495 tons pipe and fittings delivered from yards to trenchade on 103rd St., per ton;
- (b-1) 5885 l.f. excav. pipe trench for 16-in. main, per ft.;
- (b-2) 1400 l.f. excav. pipe trench for 12-in. main, per ft.;
- (b-3) 1480 l.f. excav. pipe trench for 8-in. main, per ft.;
- (c-1) 5885 l.f. 16-in. diam. pipe line, ner l.f.;
- (c-2) 1400 l.f. 12-in. diam. pipe line,

- (c-3) 1480 l.f. 8-in. diam. pipe line, per ft.;
- (d-1) 5895 l.f. backfill trench for 16-in. main;
- (d-2) 1400 l.f. backfill trench for 12-in. main;
- (d-3) 1480 l.f. backfill trench for 8-in. main.

**UNIT NO. 1-C**

- (a) 267 tons pipe and fittings delivered from yards to trenchside on Ventura Blvd., per ft.;
- (b) 4240 l.f. excav. trench for 16-in. main, per ft.;
- (c) 4240 l.f. 16-in. diam. pipe line, per ft.;
- (d) 4240 l.f. backfill trench for 16-in. main, per ft.

**UNIT NOS. 1-A, 1B AND 1-C**

- No. 1-a, item (e); 12-in. pipe lead joints, price each (extra work);
- No. 1-b, item (e); 6-in. pipe lead joints, price each (extra work);
- (e-1) 12-in. same;
- (e-2) 8-in. same;
- (e-3) 6-in. same;
- No. 1-c, item (e-1); 24-in. pipe lead joints;
- (e-2) 16-in. same;
- (e-3) 12-in. same;
- (e-4) 8-in. same;
- (e-5) 6-in. same.

**BOND ELECTION**

**WATSONVILLE, Santa Cruz Co., Calif.**—A proposition to issue \$10,000 in bonds to finance extensions and additions to the waterworks system will be placed on the ballot at the special election May 10. Work will include construction of pipelines, mains, hydrants, etc.

**BIDS WANTED**

**SAN MATEO CO., Calif.**—Until April 23, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under S.F.W.D. Contract No. 143, for relocating a portion of the San Andrea 30-in. pipe line located in Holy Cross Cemetery, approximately two miles south of San Francisco, to accommodate construction of an addition to a mausoleum. The pipe line to be constructed is approximately 325 ft. in length and will be 30-in. inside diameter, etc.

**The work involves:**

- (1) 335 l.f. fabrication, lining and coating of steel pipe with single standard wrapping, 30-in. pipe;
- (2) 500 c.y. excav. and backfill of pipe trenches;
- (3) 335 l.f. installation of pipe;
- (4) 245 l.f. removing abandoned portion of existing 30-in. pipe;
- (5) Furnishing and installing one manhole;
- (6) 40 hours, furnishing welders;
- (7) 20 hours, furnishing welding machine.

Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10.

**N. A. ECKART, Chief Engineer**

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**

**FORT LEWIS, Wash.**—Until Apr. 16, 10 A. M. bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-49, for furnishing shrubs, trees, plants, and rose bushes.

Delivery job nursery.

Specifications obtainable from the above office.

**BIDS OPENED**

**SAN FRANCISCO**—Anchor Post Fence Co., 460 Fifth St., at \$2,440.86, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1772, for furnishing chain link fence for the Lyon Street Approach to Golden Gate Bridge (W.

P. A.).

**Complete bids follow:**

- Anchor Post Fence Co. .... \$2,440.86
- Standard Fence Co. .... 2,610.41
- Kamian Fence Co. .... 2,749.28
- Wickwire Spencer Steel Co. .... 3,225.51

**BIDS WANTED**

**LAKEPORT, Lake Co., Cal.**—Until April 19, 8 P. M., bids will be received by the Lakeport City Council, D. W. Dillard, City Clerk, Library Bldg., for the relining of Reservoir No. 1 with an 8-inch concrete wall.

Plans and specifications obtainable from office of the City Clerk.

**CONTRACT AWARDED**

**NORTH HOLLYWOOD, Los Angeles Co., Calif.**—The Garden Center, 842 Beverly Blvd., Los Angeles, was awarded contract by the Procurement Division, Washington, D. C.,

for seeding and planting the grounds of the North Hollywood Post Office.

**MET. WATER DISTRICT**

**LOS ANGELES, Cal.**—Until April 23, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing and erecting steel structures for transformer cranes. The work includes furnishing and erecting steel structures, including runways and rails for supporting the transformer cranes, at the Colorado River aqueduct pumping plants designated as Gene, Iron Mountain, Eagle Mountain and Hayfield in Riverside and San Bernardino counties, and erecting the frames in place on the structures. Certified or cashier's check, \$2,000, must accompany bid. Spec. No. 207.

**LOS ANGELES CO.—3.5 MI. GRADE & PAVE—STATE**

**LOS ANGELES COUNTY, Calif.**—Match Bros., Elsinore, at \$161,365.50, as previously reported, submitted low bid to State Division of Highways,

- (1) 187 sta. clear and grub right of way;
- (2) 1,100 M. gals. water;
- (3) 310 c.y. remove exist. conc.;
- (4) 45,500 c.y. roadway excav., uncl.;
- (5) 800 c.y. struc. excav.;
- (6) 100 c.y. ditch and channel excav.;
- (7) 420,000 sta. yds. overhaul;
- (8) 110 tons grade E asphalt (membrane seal);
- (9) 18,000 tons imported subgrade material;
- (10) 44,000 sq. yds. preparing subgrade;
- (11) 187 sta. finishing roadway;
- (12) 58 tons liq. asphalt, MC-2 (prime coat);
- (13) 9,500 tons mineral aggregate (plant-mix surf.);
- (14) 500 tons liq. asphalt, MC-4 or MC-5 (plant-mix surf.);
- (15) 2,200 sq. yds. asphaltic paint binder;
- (16) 39,700 sq. yds. preparing, mixing and shaping shoulders;
- (17) 40 tons liq. asphalt, SC-2 (prime coat);
- (18) 482 tons liq. asphalt, SC-2 (shoulders);
- (19) 8,610 c.y. Class A portland cement concrete (pavement);
- (20) 12 sections pave crossing device (Type C);
- (21) 18,000 each pave dowels;

- (22) 47,500 lbs. bar reinf. steel (pave. and strucs.);
- (23) 220 c.y. Class A portland cement concrete (strucs.);
- (24) 25,000 lbs. steel rail assemblies;
- (25) 13,000 lbs. misc. iron and steel;
- (26) 400 l.f. removing and salvaging pipe culverts;
- (27) 1,330 c.y. drainage sump excav.;
- (28) 1,510 c.y. sand backfill;
- (29) 17 each, adjusting manholes to grade;
- (30) 2,210 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
- (31) 750 l.f. curb armor;
- (32) 30 l.f. laminated guard railing;
- (33) 12 each, culvert markers.

**Total bids follow:**

- (A) Match Bros., Elsinore, \$161,365.50.
- (B) Oswald Brothers, Los Angeles, \$163,582.50.
- (C) B. G. Carroll and C. B. Grove, San Diego, \$170,637.20.
- (D) Griffith Co., Los Angeles, \$172,531.10.
- (E) J. E. Haddock, Ltd., Pasadena, \$173,068.90.
- (F) C. F. Robbins and Atlas Const. Co., Los Angeles, \$184,403.
- (G) Sully-Miller Contr. Co., Long Beach, \$191,167.
- (H) United Concrete Pipe Corp., Los Angeles, \$193,518.10.
- (I) C. O. Sparks & Mundo Engr Co., Los Angeles, \$195,283.

**Unit bids follow:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$12.00	\$10.00	\$ 5.00	\$15.00	\$10.00	\$10.00	\$10.00	\$15.00	\$25.00
(2)	1.00	.75	1.00	1.75	1.50	1.00	2.00	1.45	.50
(3)	1.00	2.00	2.00	2.00	2.40	1.50	1.50	1.85	2.00
(4)	.20	.22	.28	.23	.275	.40	.28	.35	.35
(5)	80	150	100	100	85	85	1.00	85	1.00
(6)	.80	1.00	1.00	1.00	.75	1.00	.75	1.00	.75
(7)	.0035	.005	.003	.005	.005	.005	.005	.005	.006
(8)	22.00	20.00	25.00	26.00	27.50	20.00	20.00	25.00	22.00
(9)	.95	1.10	.90	1.00	1.00	.75	1.10	1.00	1.20
(10)	.11	.09	.10	.08	.08	.08	.09	.10	.10
(11)	5.00	5.00	6.00	5.00	2.50	4.00	2.00	5.50	10.00
(12)	20.00	20.00	20.00	20.00	18.75	20.00	20.00	26.00	22.00
(13)	1.90	1.70	1.80	2.20	2.20	2.40	2.50	2.30	2.80
(14)	14.10	13.50	14.00	14.00	14.00	14.00	14.50	15.00	13.50
(15)	.025	.02	.02	.02	.02	.03	.05	.04	.05
(16)	.05	.045	.06	.04	.03	.06	.07	.06	.06
(17)	11.00	12.50	8.00	20.00	11.20	15.00	9.00	18.00	15.00
(18)	7.50	8.25	7.60	9.00	7.70	9.00	9.00	9.00	8.00
(19)	6.15	6.40	6.90	6.51	6.50	6.90	6.50	7.50	6.40
(20)	25.00	50.00	25.00	50.00	15.00	50.00	75.00	55.00	30.00
(21)	.11	.13	.12	.11	.125	.15	.15	.12	.15
(22)	.018	.06	.06	.055	.078	.06	.07	.07	.06
(23)	17.50	16.50	18.00	17.00	18.00	18.00	30.00	20.00	20.00
(24)	.055	.045	.05	.05	.057	.04	.075	.05	.07
(25)	.175	.165	.17	.16	.184	.16	.20	.18	.20
(26)	.50	.40	1.00	.30	.50	1.00	1.50	.50	1.00
(27)	1.00	.50	.50	.35	.75	4.00	2.00	.80	1.00
(28)	1.00	.50	.60	1.10	1.25	1.00	1.25	.31	.90
(29)	10.00	8.00	5.00	10.00	10.00	10.00	10.00	10.00	15.00
(30)	9.00	8.80	10.00	9.50	9.00	11.50	11.00	11.00	11.00
(31)	.80	.75	.80	1.00	.80	1.00	.75	.70	1.00
(32)	1.20	1.50	2.00	2.00	1.20	2.00	2.00	1.00	2.00
(33)	2.00	2.50	3.00	3.00	2.50	1.50	5.00	2.00	3.00

SACRAMENTO—BEAR RIVER LEVEE—(Govt.)

SACRAMENTO.—Morrison-Knudsen Co., 1121 Title Guarantee Bldg., Los Angeles, at \$72,452.50, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Post Office Bldg., Sacramento, under Bid No. 1106-35-168, for raising and strengthening existing levee, and constructing new levee, along the northerly side of Bear River from Feather River to the Sacramento Northern Railroad Bridge, and on the south side near the mouth of the Bear River. The total volume of earth to be placed in embankment and length of levees involved follow:

- (a) North Levee—402,000 c.y., 3 mi. long;
- (b) South Levee—102,000 c.y., 03 mi. long.

The work involves:

- (1) 504,000 c.y. levee embankment, in place;
- (2) 75 c.y. road gravel, in place;

- (3) 6 c.y. Class A concrete, in place;
- (4) 315 lbs. reinforcing steel;
- (5) 420 ft. corrugated iron pipe, 48-in. diam., No. 8 gage, with necessary 48-in. diam., No. 10 gage band couplers and 3/4-in. bolts, in place;
- (6) 62 ft. corrugated iron pipe, 24-in. diam., No. 12 gage, with necessary 24-in. diam., No. 12 gage band couplers and 3/4-in. bolts, in place;
- (7) 6 each, corrugated iron cut-off sheets, 73 1/2-in. by 70-in., to fit 48-in. diam. corrugated iron pipe, all in place;
- (8) 3 each, automatic drainage gates, 48-in. diam., Calco No. 100, or equal, in place;
- (9) 1,100 sq. yds. concrete highway surfacing, remove and waste;
- (10) 1,000 tons Oroville cobbles, in place.

- (A) Morrison-Knudsen Co., Los Angeles .....\$72,452.50
- (B) Haas-Doughty & Jones, San Francisco ..... 76,323.50
- (C) A. Teichert & Son, Inc., Sacramento ..... 82,291.00
- (D) Macco Constr. Co., Clearwater ..... 90,931.50
- (E) J. P. Immel, Ventura ..... 93,783.49
- (F) Bennett & Taylor, Los Angeles ..... 93,906.25
- (G) D. McDonald, Sacramento ..... 93,947.90
- (H) M. J. Ruddy and G. E. Murray, Modesto ..... 101,924.50
- (I) Hemstreet & Bell, Marysville ..... 102,029.00
- (J) Gates & Huntley, Los Angeles ..... 108,215.50
- (K) R. L. Oakley, Los Angeles ..... 126,793.50
- (L) Fredrickson & Watson Constr. Co., Oakland ..... 135,494.00

Total bids follow:

Unit bids follow:

	(A)	(B)	(C)
(1) .....	\$ .119	\$ .128	\$ .138
(2) .....	2.00	2.00	3.00
(3) .....	35.00	40.00	40.00
(4) .....	.10	.10	.10
(5) .....	15.00	14.50	16.00
(6) .....	5.50	5.00	6.25
(7) .....	24.00	25.00	25.00
(8) .....	325.00	300.00	300.00
(9) .....	.75	.40	.35
(10) .....	3.50	3.50	3.70

	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1) .....	.155	.164	.1757	.163	.177	.18	.18	.226	.24
(2) .....	4.00	2.00	3.00	3.00	5.00	2.50	4.00	2.00	4.40
(3) .....	40.00	25.00	35.00	30.00	31.50	40.00	25.00	25.00	38.00
(4) .....	.10	.10	.15	.08	.06	.10	.10	.06	.06
(5) .....	15.00	14.70	17.75	14.50	15.225	14.00	14.00	15.00	16.00
(6) .....	5.00	6.10	6.70	5.00	5.25	5.00	7.00	6.50	5.75
(7) .....	30.00	26.65	33.00	22.00	23.10	35.00	30.00	20.00	30.00
(8) .....	300.00	269.63	330.00	300.00	315.00	300.00	280.00	265.00	332.00
(9) .....	.50	.25	1.35	.40	.30	.50	.40	.40	.45
(10) .....	4.00	3.00	3.50	3.50	4.00	3.00	4.20	4.50	3.80

ELDORADO COUNTY—2.326 MI. GRADING—(Govt.)

EL DORADO COUNTY, Calif.—L. Biasotti & Son, P. O. Box 587, Stockton, at \$266,622.05 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for grading 2.326 miles of Section 11 of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County.

The work involves:

- (1) Extra work, clearing;
- (2) 156,500 c.y. unclass. excav.;
- (3) 3,800 c.y. do. for structures;
- (4) 843,000 sta. yds. overhaul;
- (5) 2,000 c.y. m. haul;
- (6) 2,305 m. finishing earth graded road;
- (7) 32 c.y. Class A concrete;
- (8) 177 c.y. Class B concrete;
- (9) 178 c.y. Class D concrete;
- (10) 55,200 lbs. reinforcing steel;
- (11) 5,150 lbs. structural steel;
- (12) 285 bronze bearing plates;
- (13) 3,175 c.y. cement rubble masonry;

- (14) 122 1/2 lf. 18-in. CMP;
- (15) 1,348 lf. 24-in. CMP;
- (16) 68 lf. 30-in. CMP;
- (17) 78 lf. 48-in. CMP;
- (18) 50 c.y. hand-laid rock embankment;
- (19) 58 gule posts;
- (20) 58 culvert markers;
- (21) 6 right-of-way monuments;
- (22) Extra work, protecting pipe line.

Total bids follow:

- (A) L. Biasotti & Son, Stockton, \$266,622.05.
- (B) Geo. Pollock, Sacramento, \$268,989.00.
- (C) A. Teichert & Son, Inc., Sacramento, \$269,287.10.
- (D) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, \$271,780.60.
- (E) Williams Eros, & Haas, Inc., San Francisco, \$273,135.50.
- (F) Bodenhamer Const. Co., Oakland \$278,161.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1) .....	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
(2) .....	1.10	1.15	1.09	1.14	1.15	1.19
(3) .....	2.00	2.00	2.50	2.50	2.50	2.40
(4) .....	.015	.015	.01	.01	.015	.01
(5) .....	.25	.50	.25	.25	.50	.25
(6) .....	600.00	300.00	500.00	700.00	600.00	500.00
(7) .....	40.00	50.00	37.50	38.00	30.00	40.00
(8) .....	40.00	30.00	32.50	27.00	28.00	35.00
(9) .....	40.00	35.00	35.00	35.50	33.00	30.00
(10) .....	.08	.05	.07	.07	.08	.06
(11) .....	.12	.10	.30	.25	.12	.15
(12) .....	.75	.50	.65	.50	.50	.50
(13) .....	14.00	14.00	16.75	16.00	16.00	15.00
(14) .....	2.25	2.00	1.50	2.25	2.00	2.50
(15) .....	3.50	3.00	3.50	3.25	2.75	3.40
(16) .....	4.50	4.50	5.00	2.0	4.00	4.75
(17) .....	8.00	7.00	8.50	8.75	8.00	9.10
(18) .....	5.00	5.00	6.00	5.00	5.00	6.50
(19) .....	4.00	3.00	4.00	3.00	3.00	3.00
(20) .....	3.50	2.00	3.00	2.50	3.00	2.50
(21) .....	4.00	4.00	5.00	3.75	3.50	4.00
(22) .....	100.00	100.00	100.00	100.00	100.00	100.00

- (2) 38,500 additional bands, complete, installed;
- (3) 600 c.y. excavation of drainage or stream channel crossings;
- Steel Pier and Girder Crossings
- (4) 95,000 lbs. structural steel girder and piers, erected in place;
- (5) 8,000 lbs. reinforcing steel in concrete piers & anchor blocks, etc.;
- (6) 462 c.y. Class B concrete in the footings, piers, abutments and anchor and junction blocks, including excavation, in place;
- (7) Cement, in case of increase or decrease from specified requirements, add or deduct per c.f.;
- (8) 28 each concrete piles, in place;
- Wood Stave Pipe Accessories
- (9) 19 each blow-off valve assemblies complete;
- (10) 100 lf. 4-in. cast iron pipe in excess of 4-ft. in blow-off valve assembly, installed in place;
- (11) 31 each, air and vacuum valve assemblies, installed with housing complete;
- (12) 3 each 24-in. gate valves installed with housing complete;
- (13) 18,900 MFMB plank foot walk or tread, complete in place;
- Lined and Concrete Coated Steel Pipe
- (14) 54,200 lf. 24-in. dia. pipe line installed in trench, per lf.;
- (Alt. a) Centrifugal concrete lined and gunited coated steel pipe;
- (Alt. b) Cement wrapped steel dur-oline pipe;
- (Alt. c) Cement wrapped bituminous lined steel pipe;
- (15) 6,700 lf. 30-in. dia. pipe line installed in trench, per lf.;
- (Alt. a) Centrifugal concrete lined
- (Alt. b) Cement wrapped steel dur-oline pipe;
- (Alt. c) Cement wrapped bituminous lined steel pipe;
- (16) 900 lf. 30-in. dia. pipe line in tunnel, installed complete, per lf.;
- (Alt. a) Centrifugal concrete lined
- (Alt. b) Cement wrapped steel dur-oline pipe;
- (Alt. c) Cement wrapped bituminous lined steel pipe;
- (17) 1,200 lf. 30-in. dia. pipe line with welded joints in river crossings, installed in trench, per lf.;
- (Alt. a) Centrifugal concrete lined
- (Alt. b) Cement wrapped steel dur-

31—PIPE LINES & WELLS

TO ASK BIDS SHORTLY  
EUREKA, Humboldt Co., Calif.—Plans and specifications for construction of the pipe line unit of the Mad River Water Supply Project have been completed and bids will be called as soon as they are

approved by the PWA. The line will be of sufficient capacity to deliver 5,000,000 gallons of water daily to the tanks at Harris and E Sts.

- The work involves:
- Wood Stave Pipe:
    - (1) 51,400 lf. continuous stave redwood pipe with two bands per lf., installed complete on supports;

## SAN DIEGO CO.—SAN ONOFRE GIRDER CROSS.—State

- oline pipe;  
(Alt. c) Cement wrapped bituminous lined steel pipe;
- (18) 1,245 l.f. 18-in. dia. pipe line in trench, installed per l.f.;
- (Alt. a) Centrifugal concrete lined  
(Alt. b) Cement wrapped steel dur-  
oline pipe;
- (Alt. c) Cement wrapped bituminous lined steel pipe;
- Mad River Crossings**
- (19) 3,000 c.y. excavated in river;
- (20) 1,000 c.y. Class C concrete en-  
casing welded steel pipe in place
- (20½) 100 l.f. 4-in. cast iron pipe in  
excess of 12 l.f. in blow-off valve  
assembly, installed;
- Slough Crossings**
- (21) 62 each, piles, 20 ft. or less, in  
place;
- (22) Piling required in excess of 20  
ft. in length, in place, per l.f.;
- (23) 585 l.f. concrete support for 24-  
in. dia. pipe, complete;
- (24) 400 l.f. timber grillage pipe sup-  
port, in place;
- Centrifugally Cast Concrete Pipe**
- (25) 7,660 l.f. 30-in. dia. pipe line in-  
stalled in trench, complete;
- Lined and Concrete Coated Steel  
Pipe Accessories**
- (26) 250 each expansion joints in ex-  
cess of standard joints on 24-in.  
dia. pipe;
- (ALT. a) Centrifugal concrete lined  
(ALT. b) Cement wrapped steel dur-  
oline pipe;
- (ALT. c) Cement wrapped bituminous  
lined steel pipe;
- (27) 120 c.y. Class B concrete in an-  
chor blocks, in place;
- (28) Cement, in case of increase or  
decrease from specified require-  
ments, except in pipe coatings or  
linings, add or deduct, per  
cu. ft.;
- (29) 15 each, blow-off valve assem-  
blies, installed complete;
- (30) 22 each air release and vacuum  
valve assemblies, installed com-  
plete;
- (31) 3 each, 42-in. gate valves, in-  
stalled with concrete encase-  
ment;
- (32) 6 each, 20-in. gate valves, do;
- (33) 1 each, 18-in. gate valve, do;
- (34) 1 each, 12-in. gate valve, do;
- (35) flow regulating valve assembly,  
including piping floats and act-  
uating mechanism installed,  
complete;
- Concrete Manholes for Blow-Off  
Valve Assemblies Complete of  
Two Types**
- (36) 7 ea., manholes with wood cov-  
ers;
- (37) 3 each, manholes with cast iron  
frames and covers;
- Concrete Manholes for Air Release  
and Vacuum Valve Assemblies,  
Complete, of Two Types**
- (38) 6 each, manholes with wood  
covers;
- (39) 6 ea., manholes with wood cov-  
ers, inc. saddle opening in pipe  
and cover;
- (40) 12 ea., manholes with cast iron  
frames and covers;
- Gate Valve Manholes Complete  
of Two Types**
- (41) 7 ea., manholes with wood cov-  
ers;
- (42) 5 each, manholes with cast iron  
frames and covers;
- (43) 1 each, reinforced concrete con-  
crete valve pit, complete in place
- (44) 1 each, reinforced concrete over-  
flow outlet structure on con-  
crete overflow pipe, complete in  
place;
- (45) lump sum, chlorination build-  
ing, complete with all drains,  
conducts, electric wiring and  
lamps and water piping, but  
without operating equipment;
- (46) lump sum Venturi tube instal-  
led in pipe line, together with  
meter installed in house with  
necessary copper pressure pip-  
ing, complete, in place.
- C. C. Kennedy, 74 New Montgom-  
ery St., San Francisco, engineer.

SAN DIEGO COUNTY, Cal.—B. G. Carroll, 4396 Maryland Street, San Diego, at 47,763, as previously re-  
ported, submitted low bid to State  
Division of Highways, C. H. Burcull,  
State Highway Engineer, State Bldg.,  
Los Angeles, for the construction of  
a reinforced concrete girder crossing  
over the tracks of the Atchison, To-  
peka & Santa Fe Railway, near San  
Onofre, consisting of one 78-ft. 6-in.  
span, two 53-ft. 6-in. spans, and two  
30-ft. 8½-in. spans on concrete bents  
and abutments with wing walls.

The work involves:

- (1) 33 M. gals. water;
- (2) 1,100 c.y. rdwy. excav. unclass.;
- (3) 1,130 c.y. struc. excav.;
- (4) 330 tons mineral aggregate  
(plant-mix surf.);
- (5) 17 tons liquid asphalt, MC-5 or  
MC-extra heavy (plant mix  
surfacing);
- (6) 275,000 lbs. bar reinf. steel;
- (7) 1,420 c.y. Class A portland ce-  
ment concrete (struc.);
- (8) 22½ c.y. Class A portland cement  
concrete (railing);
- (9) 3,130 lbs. cast steel rockers and  
bearings;
- (10) 74 l.f. 18-inch pipe covering;
- (11) one lot existing property fence,  
moved and reset;
- (12) 1 lot misc. items of work.

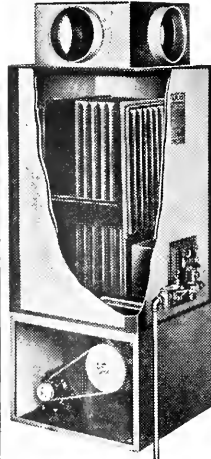
Total bids follow:

- (A) B. G. Carroll, San Diego, \$47,-  
763.00.
- (B) Parish Bros., Los Angeles, \$48,-  
840.00.
- (C) C. O. Sparks and Mundo Engr.  
Co., Los Angeles, \$49,051.50.
- (D) Sandner Pearson, Santa Monica,  
\$51,715.50.
- (E) F. E. Bishop, Los Angeles, \$51,-  
900.50.
- (F) Andy Sordal, Long Beach, \$52,-  
010.71.
- (G) Gates & Huntley, Los Angeles,  
\$52,539.00.
- (H) Griffith Co., Los Angeles, \$53,-  
584.00.
- (I) Atlas Const. Co. and C. F. Rob-  
bins, Los Angeles, \$54,479.80.
- (J) Daley Corp., Los Angeles, \$53,-  
026.50.
- (K) J. E. Haddock, Ltd., Pasadena,  
\$56,196.10.
- (L) Oscar Berger, Los Angeles, \$57,-  
072.60.
- (M) Carlo Bongiovanni, Los Angeles,  
\$58,000.00.
- (N) T. A. Allen Const. Co., Los An-  
geles, \$58,548.00.
- (O) F. O. Bohmet, Campbell, \$59,-  
600.40.
- (P) E. W. Thurston, Los Angeles,  
\$61,701.50.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(A)	\$3.00	\$4.00	\$1.50	\$4.00	\$15.00	\$8.045	\$30.25	\$50.00	\$3.00	\$2.50	\$75.00	\$500.00
(B)	3.00	.80	1.50	3.75	20.00	.045	20.50	55.00	.25	2.50	100.00	791.50
(C)	5.00	.50	1.50	4.00	20.00	.05	20.00	55.00	.20	2.00	70.00	750.00
(D)	4.00	.60	1.25	4.50	30.00	.025	21.15	50.00	.25	4.50	105.00	700.00
(E)	2.50	1.25	1.25	5.50	17.50	.04	22.00	60.00	.30	4.00	200.00	800.00
(F)	17.57	1.32	2.50	3.84	7.70	.045	30.75	45.00	.22	4.00	112.00	854.00
(G)	4.00	.80	1.30	5.40	18.00	.05	22.00	65.00	.25	2.50	100.00	750.00
(H)	12.00	.50	2.50	4.50	18.00	.043	23.00	60.00	.30	2.00	100.00	1000.00
(I)	5.00	1.00	3.00	6.00	15.00	.05	22.00	50.00	.16	1.00	300.00	600.00
(J)	10.00	.80	1.20	3.00	20.00	.05	24.00	60.00	.15	6.00	50.00	1000.00
(K)	4.00	.70	2.30	5.00	16.00	.049	20.50	32.25	.25	100.00	1355.00	
(L)	1.00	.65	1.60	5.75	20.00	.044	23.50	76.50	.285	2.00	120.00	1000.00
(M)	5.00	1.00	3.00	6.00	23.00	.045	24.60	60.00	.30	2.00	100.00	1000.00
(N)	3.00	.50	4.00	3.00	15.00	.053	24.50	50.00	.20	2.00	60.00	810.00
(O)	5.00	1.25	1.75	5.00	30.00	.055	25.60	60.00	.20	3.00	100.00	1000.00
(P)	3.00	1.00	2.60	4.00	16.00	.046	30.00	55.00	.20	3.50	100.00	1500.00

## Atlas Air Conditioning Gas Furnaces for Warm Air Heating



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SAN FRANCISCO

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## FRESNO COUNTY

**KINGSBURG, Fresno Co., Calif.**—Until April 27, 8 p.m., bids will be received by the Board of Trustees of the Kingsburg Joint Union School District, Fred E. Danielson, Clerk, for furnishing and installing in the Roosevelt School Building, six gas floor furnaces, 80,000 B.T.U. capacity, including thermostatic control and night control valve, all vent pipes, connections, etc.

Specifications obtainable from the above office.

## WAR DEPARTMENT

**SACRAMENTO, Cal.**—Until April 27, 2 P. M., bids will be received by Major Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, P. O. Box 1646, Sacramento under Bid No. 6874-37-21, for furnishing grading units required for grading purposes at the Sacramento Air Depot.

Equipment shall consist of ten power tractors, not less than 70-h.p., crawler type, completely equipped with power control for operation of other grading equipment listed; eight 12-cy. scrapers carryall type; rigged for power operation with tractor; two rooters, two bulldozers power operated, and two sheepfoot rollers. Rooters, bulldozers, and sheepfoot rollers must be of a size adapted for and rigged to be used with the above described tractors. It is estimated that the grading will involve the excavation of approximately 900,000 cu. yd. of earth.

Bids will be taken as follows:

- 1) 10 each 70-h.p. tractors (crawler)
- 2) 8 each, 12-cy. "Carryall" scrapers;
- 3) 2 each, bulldozers for the above tractors;
- 4) 2 each, rooters for above tractors
- 5) 2 each, sheepfoot rollers for the above tractors.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until April 2, 10 A. M., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-50, for furnishing standard rubber transmission belting. Also, for furnishing stove bolts, conduit, pipe fittings, etc.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 1, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W. 96-93, for furnishing pipe fittings, valves, etc., for Fort Baker.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Apr. 24 10 A. M., bids will be received by the Constructing Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-370, for furnishing 500 tons coarse aggregate, wire glass, paint, track spikes, mmon nails, railroad ties, lumber.

Specifications obtainable from the above office.

April 14, 1937.

**SAN FRANCISCO.**—Until April 22, p.m., bids will be received by the Engineer Office, Lieut.-Col. J. Dorst, District Engineer, 401 Cus-

tom House, San Francisco, under Bid No. 868-37-251, for the rental of one 90-hp. tractor of not less than 90 drawbar hp., and scraper, with operator.

Delivery f.o.b. Yerba Buena Shoals. Specifications obtainable from the above office.

**FORT MASON**—Until April 27, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-373, for furnishing two heavy duty type gasoline tractors, 45 hp., complete for operation, with a drawbar pull of not less than 1,500 lbs. normal.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Apr. 28 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-374, for furnishing 140 seamless steel tubes, 18 ft. 1/2-in. long, 1.25-in. outside diameter.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Apr. 28 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-376, for furnishing 5,040 lbs. rust preventive compound.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until April 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, under Bid No. 1105-37-197, for furnishing knob latches, ship locks, forged steel, plumbing fixtures, chisels, wrenches, files, etc.

Delivery fob Rio Vista. Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

April 23, 2 P. M.

BID NO. 4608—5 rolls tracing cloth; f.o.b. Missoula, Montana.

Specifications obtainable from the above office.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

APRIL 20, 2 P. M.:

BID NO. 4611: Conduit, condulets and conduit bends; fob bidder's shipping point and/or Placerville.

BID NO. 4612: 3,024 FBM select structural douglas form lumber; fob bidder's shipping point and/or Piedra.

BID NO. 4610: 12 1/2 miles No. 9 BWG galv. iron telephone line wire; fob Portland, Oregon.

BID NO. 4613: 126 straight shank, carbon steel twist drills; fob bidder's shipping point and/or Pasadena.

Specifications obtainable from the above office.

## CALIFORNIA STATE

**SACRAMENTO.**—Until April 20, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation 50130, Req. 52572 to 52579, for furnishing:

- (1) 100 tons liquid asphalt, Type SC-2; f.o.b. bidder's plant at or near Santa Maria or Buellton;
- (2) 500 tons liquid asphalt, Type SC-3; f.o.b. bidder's plant in vicinity of Santa Maria or San Luis Obispo;
- (3) 500 tons liquid asphalt, Type SC-2; f.o.b. bidder's plant at or near San Luis Obispo;
- (4) 500 tons liquid asphalt, Type SC-2; f.o.b. bidder's plant at or near Santa Maria or San Luis Obispo;
- (5) 500 tons liquid asphalt, Type SC-3; f.o.b. bidder's plant near San Luis Obispo;
- (6) 300 tons liquid asphalt, Type SC-2; f.o.b. bidder's plant in vicinity of Santa Barbara;
- (7) 200 tons liquid asphalt, Type SC-2; f.o.b. bidder's plant in vicinity of Santa Barbara.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

Bldg., Burbank School, Hayward. April 20, 10 A. M.

BID NO. 3698—Five 52-in. diam. ventilators; f.o.b. Bakersfield Airport.

April 22, 10 A. M.  
BID NO. 3703—2,260 pcs. plain ribbed glass; f.o.b. Bakersfield Airport.

Specifications obtainable from the above office.

## PARK SERVICE

**YOSEMITE PARK, Calif.**—Until April 20, 3 P. M., bids will be received by the National Park Service, John B. Wosky, Acting Superintendent, Yosemite National Park, under Bid No. NPS 582, for furnishing 1,500 tons of gravel.

Delivery fob El Portal, via rail freight.

Specifications obtainable from the above office.

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., APRIL 24, 1937

No. 14

## McKEE AWARDED GENERAL CONTRACT FOR LOS ANGELES UNION TERMINAL

LOS ANGELES, April 22.—Contract for construction of the main station buildings for this city's \$3,000,000 Union Passenger Terminal was awarded today to Robert E. McKee, 108 West Sixth street, Los Angeles. Amount of the contract price was not made public.

Separate contracts will be let at a later date for electrical and mechanical work, it was announced.

Contract for driving about 900 concrete piles for the station buildings was awarded earlier this month to Raymond Concrete Pipe Company of Los Angeles.

### Cost Guarantees

Bids received for the station buildings, opened April 1, had been held under advisement by terminal officials, who last week asked the ten general contractors who figured the work to submit guarantees of their costs.

The big terminal will be located on Alameda street between Aliso and Macy streets. It will be operated by the Los Angeles Union Passenger Terminal for Union Pacific, Southern Pacific and Atchafson, Topeka & Santa Fe railroads.

The general contract calls for construction of the passenger terminal buildings, offices, administration unit, main concourse, entrance lobby, dining room, kitchen, main waiting room and concrete tower.

### Train Concourse

In addition to these structures, a train concourse and baggage and express building will be situated at the rear.

The group will have a frontage of 860 feet on Alameda street and a depth of 290 feet. The main floor area will total approximately 120,000 square feet.

Excavation for the main group has been completed, and a large portion of the work on the train concourse and baggage and express buildings is underway. Bids for interior work in the express building will be called later by the Railway Express Agency, 85 Second street, San Francisco.

## BOILER PRODUCTION UP

Production of galvanized range boilers for the first two months of 1937 was 296,532 units, a substantial increase over the total of 131,067 units for the same period in 1936, nineteen manufacturers reported to the Bureau of Census.

## BIDS MAY 13 FOR NEVADA GRADING JOB

Bureau Advertises Combined  
Sections of Owyhee  
River Highway

Bids for the grading of Sections A and B, Route 18 of the Owyhee River National Forest Highway in Elko County, Nevada, the only Nevada road construction job listed for the fiscal year 1937-38 in the National Forest Highway program were called for May 13 by District Engineer C. H. Sweetser of the Bureau of Public Roads yesterday. The job consists of 7,554 miles of grading.

Last month Sweetser called for bids, to be opened March 16, for grading Section A of the project, a distance of 3.48 miles. The bid call was cancelled a week previous to the opening date when it was learned that funds had been allocated for grading Section B running southward for Section A.

Section B was listed in the National Forest Highway program for 1937-37 as a \$140,000 project. The length of the section is approximately 4.07 miles.

### Projects Combined

It was announced at the time of the postponement that the two projects would be combined and that bids would be called as soon as weather conditions permitted inspection of the site.

Principal items in the specification for the 7,554 mile grading job are: 227,700 cubic yards of unclassified excavation; 2,420 cubic yards unclassified excavation for structures; 5,650 pounds reinforcing steel; 3,142 linear feet CGS metal pipe, and 2,700 cubic yards unclassified excavation for borrow.

Plans and specifications may be obtained from the office of District Engineer C. H. Sweetser in the Federal Office building, San Francisco, upon deposit of \$10.

The per cent of capacity operated by 117 plants in the malleable iron casting industry during February, 1937, was 72 per cent, compared with 49.9 per cent for the same months in 1936 and 1935, the Bureau of Census reports.

## OAKLAND FIRM WINS EASTBAY WAREHOUSE JOB

H. J. Christiansen Co. Awarded \$143,980 Catucci Contract

H. J. Christiansen Co. 1955 Webster street, Oakland, will construct the warehouse in Emeryville which J. Catucci will lease to the Bigelow-Sanford Carpet Company of New York, it was announced yesterday.

The general contract price was given as \$143,980.

According to Architect Will G. Corlett of Oakland, who prepared plans for the structure, the general contract was awarded excluding heating and electrical work. Bids for this portion of the job will be taken at a later date, he said.

### Powell at Bayshore

The warehouse, one of the larger Eastbay private projects of recent months, will be located at the intersection of Powell street and Bayshore highway in Emeryville.

The structure will be two stories in height, of reinforced concrete construction, and will cover an area 200 by 200 feet in size. In addition to warehouse facilities, it will provide a service plant for the carpet company.

(Complete reports on the project have appeared in Daily Pacific Builder's Advance Report section.)

Shipments of fire motor apparatus for the first two months of 1937 amounted to 108 units as compared with 80 units for the same period in 1936, and 52 units for the first two months of 1935, he Bureau of Census reports.

## EXPECT RECORD ATTENDANCE AT A.G.C. MEETING

State, Federal Officials Among Speakers Scheduled for April 30 Conclave

Between 300 and 400 contractors, legislators and state and federal officials are expected to attend the banquet meeting to be held Friday evening, April 30, in Sacramento under auspices of the Northern California Chapter, Associated General Contractors, according to Secretary-Manager F. O. Booe.

Many already have made reservations for the banquet, Mr. Booe said yesterday, adding that all indications are that the meeting will draw a capacity crowd to the Hotel Senator.

An incomplete list of speakers includes:

Chief Engineer C. H. Purcell of the State Division of Highways, who will outline details of the state highway construction program for the next biennium.

Construction Engineer Walker Young of the U. S. Bureau of Reclamation, who will discuss the present status of the Central Valley Project and immediate construction projects.

State Engineer Edw. M. Hyatt, water authority and California's representative on the Water Resources Committee of the National Resources Committee, recently returned from Washington, Mr. Hyatt is expected to tell of recent developments in the national capitol with regard to western construction projects.

Senator John B. McColl, who probably will discuss the Central Valley Project developments.

### Legislative Report

Invitations also have been extended to several other speakers, whose acceptances have not yet been received, Mr. Booe said.

A brief report on legislative matters affecting the construction industry will be made by Mr. Booe as secretary-manager of the A. G. C. chapter.

The dinner will be followed by an entertainment program which Mr. Booe said will be of an unusual nature. Contractors planning to attend the meeting are urged to make their reservations as soon as possible.

## FOUR FANS ADDED TO SEABREEZE LINE

The Emerson Electric Mfg. Co., St. Louis, announces the addition of four new Seabreeze fans to their 1937 line. The additions are: a new two-speed 12-inch oscillator; a 10-inch oscillator with an adjustable floor stand; and a 12-inch ventilator in mounting panel or wall box. The complete line in addition to the above includes: an 8- and 10-in. non-oscillator, 10-in. oscillator, and 10-in. ventilator in mounting panel or wall box.

## MATERIAL PRICE GAIN CONTINUES

Continuing the gains which have marked recent weeks, the wholesale price index for building materials, as reported by the U. S. Bureau of Labor Statistics, advanced 0.2 per cent during the week ended April 10 to reach 95.8 per cent of the 1925 level. Average prices of brick and tile, gravel and sand were higher, according to the bureau survey. Lumber and paint materials declined slightly, while cement and structural steel remained firm.

Metals and metal products showed exactly the same gain as building materials, the bureau report said, crediting the rise to higher prices for certain iron and steel items and copper and brass manufacturers.

## State Advertiser's Ventura Grading

SACRAMENTO, April 20.—Bids for grading and surfacing about 2.2 miles in Ventura county were invited today by the State Division of Highways. They will be opened by the State Highway Engineer in Los Angeles May 13.

Surfacing will be asphalt concrete and plant-mix. The project is located between Pyle road and Telegraph road.

## OFFICERS ELECTED BY PORTLAND A. G. C.

Matt J. Lynch was re-elected president of Portland chapter, Associated General Contractors of America, at the organization's annual meeting held in the Multnomah hotel, Portland, last week.

Other officers chosen by the chapter to serve for the coming year, include Harry A. Dick, first vice-president; Theodore Shoemaker, second vice-president; Nat McDougall, treasurer, and Miss Belle Dennis, secretary. Miss Dennis is also office manager for the chapter.

Orders for malleable iron castings taken during February, 1937, amounted to 60,187 short tons, compared with 54,070 for the same month last year, according to the monthly report of the Bureau of Census.

## ARCHITECT OPENS OFFICES IN S. F.

Architect Geo. W. Travis, formerly connected with the office of Arthur Brown, Jr., announces he has opened offices in the Atlas building, 604 Mission street, near Second street. Telephone number is GARfield 8160.

## METHODS LISTED FOR PREVENTION OF EXPLOSIONS

U. S. Bureau Expert Makes Nine Recommendations in Blast Probe

As a result of an investigation of the New London, Texas, school explosion which last month took the lives of more than 400 children, Dr. David J. Price, explosion expert of the U. S. Bureau of Chemistry and Soils, has listed in his formal report forwarded by Secretary of Agriculture Henry A. Wallace to Governor James V. Allred of Texas what he considers the nine most important recommendations for the prevention of similar explosions.

Dr. Price recommends:

(1) Use of effective malodorants for detection of escaping combustible gases; (2) development of methods for application of combustible gas indicators; (3) supervision and inspection of public buildings and institutions; (4) installation of approved pressure regulating devices; (5) installation of all electrical equipment and appliances in accordance with requirements of National Electrical Code; (6) proper construction to eliminate dead spaces underneath occupied rooms; (7) location of main gas lines outside of public buildings and not underneath the building proper; (8) ventilation of necessary open spaces, and (9) ventilation of school rooms where gas heating appliances are installed.

It has not been possible in the investigation to establish definitely the source of the gas accumulation. It may have come from improper connections causing leaks in the lines, or from nearby wells, or it may have been from seepage through the surrounding strata, evidence is definite and conclusive, however, that the explosion originated in the manual training shops and spread through the unoccupied space under the first floor.

## G-E ORDERS UP 78% OVER '36 QUARTER

Orders received by the General Electric Company for the first quarter of 1937 amounted to \$105,747,030, compared with \$59,569,879 for the corresponding quarter of 1936, an increase of 78 per cent, President Gerard Swope announced this week. This was the largest first quarter in the history of the company. A statement of net sales billed and earnings for the first quarter will accompany the dividend of 40 cents a share, payable to stockholders on April 26, 1937.

The value of shipments of deep well water systems for February, 1937, was \$182,342, nearly three times the value of February, 1936 shipments of \$63,083, the Bureau of Census reports.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Am't.
943	Barbagelata	Follotti	1000
944	Bernhardt	Owner	3500
945	Bernhardt	Owner	3500
946	Blum	Owner	4000
947	Blum	Owner	4000
948	Cardinale	Delucchi	2000
949	Elvin	Owner	3500
950-56	Galli	Owner	4250
957	Harrison	Owner	1000
958	Lurie	Cahill	1500
959	Rousseau	Owner	5000
960	Rousseau	Owner	5000
961	Rousseau	Owner	4000
962	Rousseau	Owner	4000
963	Rousseau	Owner	4000
964	Rousseau	Owner	4000
965	Rousseau	Owner	4000
966	Rousseau	Owner	5000
967-78	Standard	Owner	3500
977	Bruce	Anderson	7866
978	Butone	Owner	4000
979	Grand	Unlt-Bilt	1300
980	Herzig	Owner	4000
981	Herzig	Owner	4000
982	Herzig	Owner	4000
983	Herzig	Owner	4000
984	Herzig	Owner	5000
985	Insurance Co	Lindgren	50000
986	Perkins	Owner	3450
987	Leed	Ruegg	6250
988	Lappe	Wengard	5000
989	Moran	Neadieu	3000
990	Tignard	Owner	4000
991	Wildberg	Moore	2000
992	Arnott	Owner	4000
993	Arnott	Owner	5000
994	Arnott	Owner	4000
995	Chipman	Owner	3500
996	Donner	Owner	3500
997	Jaekich	Owner	4000
998	Lachart	Andersen	1555
999	Lindsay	Owner	3950
1000	Lindsay	Owner	3500
1001	Lindsay	Owner	3500
1002	Lindsay	Owner	3950
1003	McCarthy	Malloch	1000
1004	Minsky	Owner	3000
1005	Nicholson	McCabe	5500
1006	Nussbaum	Hocking	1200
1007	Ruddy	Taylor	4000
1008	Steenberg	Hardy	1380
1009	Union Prd.	Owner	1500
1010	Bank Amer.	Owner	7000
1011	Berwick	Owner	4000
1012	Berwick	Owner	4000
1013	Castro	Castro	3000
1014-1020	Doelger	Owner	4000
1021	Hallgren	Owner	4000
1022	Hine	Helgesson	7500
1023	Hine	Helgesson	7500
1024	Hunter	Owner	1000
1025-28	Janssen	Owner	4000
1029	Kunz	Smith	7000
1030	Lucchesi	Owner	2000
1031	Nelson	Owner	4000
1032	Oxford	Tait	7000
1033	Rothschild	Owner	7000
1034	Anderson	Owner	3500
1036	Brian	Owner	1500
1037	Haight	Williams	3500
1038	Haight	Williams	3500
1039	Johnson	Owner	4000
1040	Metropolitain	Brown	27500
1041	Stelling	Hansell	2000
1042	Stich	Vukicevich	8000

1034 Sherman 5000  
**ALTERATIONS**  
 (943) 3120 BAKER ST. Alter dwelling.  
 Owner—L. Barbagelata, Prem.  
 Contractor—R. Follotti, 200 Cervantes Wav.  
 Architect—E. H. Denke, 1317 Hyde St. \$1000

**DWELLING**  
 (944) E. 30TH AVE., 175 S RIVERA. One-story and basement frame dwelling.

Owner—Albert Bernhardt, 924 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (945) E. 30TH AVE., 200 S RIVERA. One-story and basement frame dwelling.  
 Owner—Albert Bernhardt, 924 Taraval.  
 Architect—Not Given. \$3500

**DWELLING**  
 (946) NE SILVER, 150 W MERRILL. One-story and basement frame dwelling.  
 Owner—Joe Blum, 212 Silliman.  
 Architect—Not Given. \$4000

**DWELLING**  
 (947) NE SILVER, 121 W MERRILL ST. One-story and basement frame dwelling.  
 Owner—Joe Blum, 212 Silliman.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (948) NW 23D AND WISCONSIN. Alter dwelling.  
 Owner—B. Cardinale, Prem.  
 Contractor—Richard Delucchi & Co., 3275 San Bruno.  
 Engineer—W. E. Huson, 3275 San Bruno. \$2000

**DWELLING**  
 (949) W. RUSS, 140 N FOLSOM. One-story and basement frame dwelling.  
 Owner—Ethel Elvin, 1244 30th Ave.  
 Contractor—Arthur Elvin, 1244 30th Ave.  
 Architect—Dodge E Riedy, Pacific Bldg. \$3500

**DWELLING**  
 (950) W 17TH AVE., 64 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$4250

**DWELLING**  
 (951) W 17TH AVE., 215 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$1250

**DWELLING**  
 (952) W 17TH AVE., 140 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$4250

**DWELLING**  
 (953) W 17TH AVE., 165 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$1250

**DWELLING**  
 (954) W 17TH AVE., 90 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$4250

**DWELLING**  
 (955) W 17TH AVE., 190 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—R. F. Galli, 377 West Portal Ave.

Architect—E. H. Denke, 1317 Hyde St. \$4250

**DWELLING**  
 (956) W. 17TH AVE., 115 N QUINN-TARA. One-story and basement frame dwelling.  
 Owner—E. F. Galli, 377 West Portal Ave.  
 Architect—E. H. Denke, 1317 Hyde St. \$4250

**DWELLING**  
 (957) N. OLMSTED, 30 E HOLYBROOK. One-story and basement frame dwelling.  
 Owner—Ray A. Harrison, 1445 Larkin.  
 Architect—F. W. Dakin, 625 Market St. \$1000

**ALTERATIONS**  
 (958) SW COR. BUSH & FRANKLIN. Alter tire station.  
 Owner—Louis R. Lurie, 333 Montgomery.  
 Contractor—Cahill Bros., 206 Sansome.  
 Architect—W. D. Peugh, 333 Montgomery. \$4500

**DWELLING**  
 (959) W KITTREDGE, 115 S OF TURK. Two-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$5000

**DWELLING**  
 (960) W KITTREDGE, 215 S OF TURK. Two-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$5000

**DWELLING**  
 (961) S. TURK, 75 W KITTREDGE. One-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
 (962) W. KITTREDGE, 90 S OF TURK. One-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$1000

**DWELLING**  
 (963) W. KITTREDGE, 190 S OF TURK. One-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$4000

**DWELLING**  
 (964) S. TURK, 50 W KITTREDGE. One-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$1000

**DWELLING**  
 (965) W KITTREDGE, 165 S OF TURK. One-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$4000

DWELLING (966) S. TURK, 25 W KITTREDGE. Two-story and basement frame dwelling. Owner—Oliver M. Rousseau, Inc., 321 Kearny. Architect—Wm. F. Gunnison, 1666 Golden Gate Ave. \$5000	frame dwelling. Owner and Builder—John Butone, 75 Arch Street. Architect—Not Given. \$4,000	Owner—James Moran, 116 Madison. Contractor—Mark Neadie, 3660 16th Street. Architect—Not Given. \$3,000
DWELLING (967) W. 25TH AVE., 375 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	ALTERATIONS (979) 1050 MARKET ST. Alter restaurant. Owner—Grand Cafeteria, 1080 Market Street. Contractor—The Unit-Bilt Fixture Co., 243 7th St. Architect—Not Given. \$1,300	DWELLING (990) W 47th AVE., 150 S Santiago. One-story and basement frame dwelling. Owner and Builder—J. Tignard, 2330 48th Avenue. Architect—Not Given. \$4,000
DWELLING (968) E. 26TH AVE., 500 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (980) N CRESTLAKE DR. 390 NW of N Sloat. One-story and basement frame dwelling. Owner and Builder—A. J. Herzog, 700 Sloat Boulevard. Architect—A. H. Larson, 333 Kearny Street. \$4,000	ALTERATIONS (991) 95 SEA CLIFF. Alter dwelling. Owner—Irving Wildberg, premises. Contractor—Moore and Madsen, 557 Market Street. Architect—Not Given. \$2,000
DWELLING (969) W. 25TH AVE., 425 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (981) N CRESTLAKE 357 W of of N Sloat. One-story and basement frame dwelling. Owner and Builder—A. J. Herzog, 700 Sloat Boulevard. Architect—A. H. Larson, 333 Kearny Street. \$4,000	DWELLING (992) E. 15TH AVE., 137 S RIVERA. One-story and basement frame dwelling. Owner—Jas. A. Arnott, 633 Taraval. Architect—Not Given. \$4000
DWELLING (970) E. 26TH AVE., 450 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (982) N CRESTLAKE DR. 298 NW Sloat Blvd. One-story and basement frame dwelling. Owner and Builder—A. J. Herzog, 700 Sloat Boulevard. Architect—A. H. Larson, 333 Kearny Street. \$4,000	DWELLING (993) SW COR. SAN JOSE AVE. & PAULDING. One-story & basement dwelling. Owner—Jas. Arnott & Son, 633 Taraval. Architect—Not Given. \$5000
DWELLING (971) E. 26TH AVE., 525 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (983) N CRESTLAKE DR. 323 NW Sloat Blvd. One-story and basement frame dwelling. Owner and Builder—A. J. Herzog, 700 Sloat Boulevard. Architect—A. H. Larson, 333 Kearny Street. \$4,000	DWELLING (994) E. 15TH AVE., 106 S RIVERA. One-story and basement frame dwelling. Owner—James A. Arnott, 633 Taraval. Architect—Not Given. \$4000
DWELLING (972) W. 25TH AVE., 400 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (984) W GABILAN WAY 160 North Sloat Blvd. One-story and basement frame dwelling. Owner and Builder—A. J. Herzog, 700 Sloat Boulevard. Architect—A. H. Larson, 333 Kearny Street. \$5,000	DWELLING (995) E. 36TH AVE., 150 S RIVERA. One-story and basement frame dwelling. Owner—K. M. Chipman, 1415 Franklin. Architect—Not Given. \$3500
DWELLING (973) W. 25TH AVE., 325 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	OFFICE BLDG. (985) E. SANSOME 90 N Pine St. Four-story Class A office bldg. Owner—Insurance Co. of N. A., 231 Sansome Street. Contractor—Lindgren and Swinerton, Inc., 225 Bush Street. Architect—H. A. Thomson, Jr., 315 Montgomery St. Engineer—H. J. Brunner, Sharon Building \$50,000	DWELLING (996) W CONGO, 127 N STELLINGS. One-story and basement frame dwelling. Owner—Bernard W. Donner, 2766 San Bruno. Architect—Not Given. \$3500
DWELLING (974) E. 25TH AVE., 550 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	WAREHOUSE (997) E. HARRISON, 260 S 20TH ST. Two-story frame warehouse. Owner—A. E. Jaekich, 2419 Harrison. Architect—Not Given. \$4900	ALTERATIONS (998) 1158 NORIEGA. Alter dwelling. Owner—Lachart, 1138 Noriega. Contractor—Christian Andersen, 146 Granville Way. Architect—Not Given. \$1550
DWELLING (975) E. 26TH AVE., 475 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (986) E. 27th AVE., 50 S Moraga. One-story and basement frame dwelling. Owner and Builder—E. W. Perkins, 3500 Fulton Street. Architect—C. O. Clausen, 716 46th Avenue. \$3,450	DWELLING (999) W 25TH AVE., 225 S KIRKHAM. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval. Architect—Not Given. \$3950
DWELLING (976) W. 25TH AVE., 350 N RIVERA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500	DWELLING (987) E. DERMOND 132 S Visitation. One-story and basement frame dwelling. Owner—E. J. and Elsie Teed, 2436 Bayshore Blvd. Contractor—The Ruegg Co., 369 Pine Street. \$6,250	DWELLING (1000) E. 36TH AVE., 175 S RIVERA. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval. Architect—Not Given. \$3950
DWELLING (977) NE COR. SAN BRUNO and Alameda. One-story and basement frame dwelling. Owner—E. L. Bruce Co. Inc., 2355 Folk Street. Contractor—Fred Anderson, 5000 25th Avenue. Architect—Not Given. \$7,866	DWELLING (988) E. 17th AVE. 237 S Geary St. One-story and basement frame dwelling. Owner—Fred H. Lappe, 600 Fell St. Contractor—Earl Wengard, 546 Sansome Street. Architect—Fabre and Hildebrand, 110 Sutter Street. \$5,000	DWELLING (1001) W 25TH AVE., 125 S KIRKHAM. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval. Architect—Not Given. \$3950
DWELLING (978) N DELANO AVE., 291 S Santa Ynez. One-story and basement	DWELLING (989) W MADISON 132 S Athena. One-story and basement frame dwelling.	DWELLING (1002) W 25TH AVE., 150 S KIRKHAM. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval. Architect—Not Given. \$3950

**ALTERATIONS**  
 (1003) NW COR. 19TH AND CAS-  
 TRO STS. Alter store.  
 Owner—M. E. McCarthy, care Con-  
 tractor.  
 Contractor—J. S. Malloch, 666 Mis-  
 sion.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1004) S. BALBOA, 107 W. 33RD  
 AVE. One-story frame store &  
 dwelling.  
 Owner—B. Minsky & Son, Inc., 468  
 3rd St.  
 Architect—Not Given. \$3000

**DWELLING**  
 (1005) W. MONTCLAIR TER., 106  
 N. LOMBARD. One-story and  
 basement frame dwelling.  
 Owner—E. M. Nicholson, 1550 Clay  
 St.  
 Contractor—Jas. U. McCabe, 716 Ul-  
 loa.  
 Architect—Not Given. \$5500

**ALTERATIONS**  
 (1006) 454 4TH AVE. Alter flats.  
 Owner—F. J. Nußbaum, Prem.  
 Contractor—W. B. Hocking, 2216  
 Clement.

**ALTERATIONS**  
 (1007) 408 EDDY ST. Alter hotel.  
 Owner—Joan Ruddy, Modesto, Calif.  
 Contractor—J. C. Taylor, Sacramen-  
 to, Calif.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (1008) 1023 MARKET. Alter store.  
 Owner—E. N. Steenberger, 544 Mar-  
 ket.  
 Contractor—A. M. Hardy, 736 Clem-  
 entina.  
 Architect—Not Given. \$1380

**ALTERATIONS**  
 (1009) 1198 EVAN AVE. Alter fac-  
 tory.  
 Owner—Union Products Corp., 1198  
 Evans.  
 Architect—Not Given. \$1500

**ALTERATIONS**  
 (1010) 1108-A MARKET, FEDERAL  
 HOTEL. Alter restaurant.  
 Owner—Bank of America.  
 Architect—Not Given. \$7000

**DWELLING**  
 (1011) N. ALEMANY BLVD., 150 W  
 ROUSSEAU. One-story and base-  
 ment frame dwelling.  
 Owner—A. Berwick, 1525 Noe.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1012) N. ALEMANY BLVD., 125 W  
 ROUSSEAU. One-story & base-  
 ment frame dwelling.  
 Owner—A. Berwick, 1525 Noe.  
 Architect—Not Given. \$4000

**TENEMENT**  
 (1013) S. 25TH ST., 50 E YORK  
 Two-story frame tenement.  
 Owner—G. Castro, 759 Treat Ave.  
 Contractor—G. Carrara & Sons, 750  
 Flon.  
 Architect—Not Given. \$13,000

**DWELLING**  
 (1014) E. 18TH AVE., 300 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1015) E. 18TH AVE., 200 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah St.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1016) E. 18TH AVE., 275 S PA-

CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah St.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1017) E. 18TH AVE., 250 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1018) E. 18TH AVE., 250 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah St.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1019) E. 18TH AVE., 325 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah St.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1020) E. 18TH AVE., 225 S PA-  
 CHECO. One-story and base-  
 ment frame dwelling.  
 Owner—Henry Doelger Builder, Inc.,  
 320 Judah.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1021) W. 12TH AVE., 275 N TAR-  
 AVA. One-story and basement  
 frame dwelling.  
 Owner—A. Hallgren, 1594 29th Ave.  
 Architect—Not Given. \$4000

**FLATS**  
 (1022) NE UPPER TERRACE AND  
 MASONIC AVENUE. Two-story  
 frame flats.  
 Owner—Chas. Hine, 625 Market St.  
 Contractor—Roy A. Helgesson, 2095  
 23rd Ave.  
 Architect—Frank W. Dakin, 625 Mar-  
 ket St. \$7500

**FLATS**  
 (1023) N. UPPER TERRACE, 37 E  
 MASONIC AVENUE. Two-story  
 frame flats.  
 Owner—Chas. Hine, 625 Market St.  
 Contractor—Roy A. Helgesson, 2095  
 23rd Ave.  
 Architect—Frank W. Dakin, 625 Mar-  
 ket St. \$7500

**CLUBHOUSE**  
 (1024) S. INNES AVE., 225 E DON-  
 OHUE. One-story frame club-  
 house.  
 Owner—Hunter's Point Improv. Assn.,  
 575 Innes Ave.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1025) E. 46TH AVE., 122 N BAL-  
 BOA. One-story and basement  
 frame dwelling.  
 Owner—C. R. Janssen, 1136 Clement.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1026) W. 42ND AVE., 75 S CLEM-  
 ENT. One-story and basement  
 frame dwelling.  
 Owner—C. R. Janssen, 1136 Clement.  
 Contractor—E. A. Janssen, 1136  
 Clement.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1027) E. 46TH AVE., 100 N BAL-  
 BOA. One-story and basement  
 frame dwelling.  
 Owner—C. R. Janssen, 1136 Clement.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1028) W. 42ND AVE., 100 S CLEM-  
 ENT. One-story and basement  
 frame dwelling.

Owner—C. R. Janssen, 1136 Clement.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1029) N. CRAGMONT, 120 E 12TH  
 AVE. Two-story and basement  
 frame dwelling.  
 Owner—J. J. and M. D. Kunz, 1226  
 Third Ave.  
 Contractor—M. Smith, 536 Belvedere.  
 Architect—Not Given. \$7000

**DWELLING**  
 (1030) N. OTTAWA, 60 W MISSION.  
 One-story and basement frame  
 dwelling.  
 Owner—Alfred Luchesi, 475 Moscow.  
 Architect—Not Given. \$2000

**DWELLING**  
 (1031) E. 22ND AVE., 152 S OCEAN.  
 One-story and basement frame  
 dwelling.  
 Owner—Fernando Nelson & Sons,  
 2901 19th Ave.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (1032) NW COR. TURK AND MA-  
 SON. Alter restaurant.  
 Owner—Oxford Hotel, Prem.  
 Contractor—Wm. C. Tait, 883 Market  
 Street.  
 Architect—Williams & Grimes, 251  
 Post St.  
 Engineer—Wm. Adrian, 417 Market  
 St. \$7000

**STORES**  
 (1033) N. WEST PORTAL, 239 E.  
 14TH AVE. One-story frame  
 stores.  
 Owner—J. E. Rothschild, care Archi-  
 tect.  
 Architect—Hyman & Appleton, 68  
 Post St. \$7600

**ALTERATIONS**  
 (1034) 2539 MISSION. Alter store.  
 Owner—Sherman Clay Co., Sutter and  
 Kearny Sts.  
 Contractor—Not Selected  
 Architect—Not Given. \$5000

**DWELLING**  
 (1035) W. 31st AVE., 300 S Judah.  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—Christian An-  
 derson, 146 Granville Way.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (1036) S. GREEN 110 E Montgom-  
 ery St. Alter gymnasium  
 Owner and Contractor—Frank Brian  
 173 Green Street.  
 Architect—Not Given. \$1,500

**DWELLING**  
 (1037) SW ELIZABETH Cor. Hoff-  
 man Ave. One-story and base-  
 ment frame dwelling.  
 Owner R. M. Haight, 3366 22nd St.  
 Contractor—Williams Const. Co., 3366  
 22nd Street.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (1038) S. ELIZABETH 25 W Hoff-  
 man Ave. One-story and base-  
 ment frame dwelling.  
 Owner R. M. Haight, 3366 22nd St.  
 Contractor—Williams Const. Co., 3366  
 22nd Street.  
 Architect—Not Given. \$3,500

**DWELLING**  
 1039) E. RAMSEY, 250 N Garfield  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—O. Johnson, 608  
 Evergreen.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (1040) 985 MARKET ST. Alter store.  
 Owner—Metropolitan Life Ins. Co.,  
 New York City.  
 Contractor—Henry Brown, 1387 East  
 32nd St., Oakland  
 Architect—Not Given. \$27,500

# PACIFIC CONSTRUCTOR

**ALTERATIONS**  
(1041) 1530 HAIGHT Street. Alter store.  
Owner—Martin Stelling, Jr., prem.  
Contractor—George H. Hansel, 1834 Geary Street.  
Architect—E. B. Bertz, Monadnock Building. \$2,000

**FLATS**  
(1042) E 17th AVE. 420 N Taraval. Two-story frame flats.  
Owner—Helen Stieh, 1185 Taraval.  
Contractor—M. E. Yukičevich, 666 Mission Street.  
Architect—R. R. Irvine, 2048 Market Street. \$8,000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
671	Complano	Galvin	1000
672	Klosterud	Taken	6000
673	Fisbel	Owner	5500
674	Pollard	Beckett	3500
675	Ponds	Owner	6000
676	Roseberg	Owner	3200
677	Salisbury	Diener	2000
678	De Vornis	Monroe	4500
679	Warren	Owner	6000
680	Williams	Lossing	5200
681	Bryant	Spinden	1000
682	De Martino	Schenk	5000
683	Stettner	Shapiro	18000
684	Tanne	Owner	10000
685	Windsor	Owner	12500
686	Wood	Adnerson	5100
687	Ide	Krattenmaker	1850
688	Seaton	Van Grolst	4000
690	Bush	Postor	1900
691	California	Westlund	2500
692	Violck	Sorensen	7700
693	Johansen	Owner	4100
695	Youell	McKinney	9500
696	Liggard	Tollefsen	7400
697	Gilmore	Stead	2000
698	Burger	Johnson	5500
699	Calif Packing	Owner	1300
700	Fisher	Owner	10000
701	Nelson	Owner	4500
702	Patchin	Owner	1000
703	Teigland	Owner	7000
704	Harris	Whalin	7000
705	Walker	Owner	4000
706	Cochran	Thrams	13500
707	Dushnell	Owner	4000
708	Noas	Owner	1500
709	Pfrang	Owner	15000
710	Westman	Younger	1245

**ALTERATIONS**  
(671) 71 NORTHAMPTON, BERKELEY. Alterations.  
Owner—L. Complano, 260 Yale Ave., Berkeley.  
Contractor—Thos. Galvin, 1234 Grove St., Berkeley.  
Architect—Not Given. \$1,000

**DWELLING**  
(672) 1965 WRENN ST., OAKLAND. One-story 5-room dwelling.  
Owner—R. Klosterud, 508 16th St., Oakland.  
Contractor—F. Taten, 5237 Miles Ave., Oakland.  
Plans by Bill Doctor, 2336 Ashby Avenue, Oakland. \$5,000

**DWELLING**  
(673) 1896 LEIMERT BLVD., OAKLAND. Two-story 6-room dwelling.  
Owner and Builder—C. O. Fisbel, 4276 Fruitvale Ave., Oakland.  
Architect—E. O. Blodgett, 1989 Hoover Ave., Oakland. \$5,500

**DWELLING**  
(674) 3309 11th AVE., OAKLAND. One-story 5-room dwelling.  
Owner—A. Pollard, 17th and Franklin Sts., Oakland.  
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.  
Architect—Not Given. \$3,500

**DWELLING**  
(675) 737 KEELER, BERKELEY. One-story 6-room frame dwelling and garage.

Owner and Builder—Milton S. Bonds  
583 Spruce St., Berkeley.  
Architect—Not Given. \$6,000

**DWELLING**  
(676) 3625 COLUMBIAN DR., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—August Roseberg, 1712 48th Ave., Oakland.  
Architect—Not Given. \$3,200

**REPAIRS**  
(677) 315 CLAY ST., OAKLAND. Fire repairs.  
Owner—Raymond Salsbury and J. C. Kennedy, 12th and Broadway, Oakland.  
Contractor—Chas. W. Diener, 4036 Brown Ave., Oakland.  
Architect—Not Given. \$2,000

**DWELLING**  
(678) 6332-38 BROADWAY TERRACE, OAKLAND. Two one-story six-room dwellings.  
Owner—Samuel De Varin, 310 Mission St., San Francisco.  
Contractor—J. W. Monroe 5538 Claremont Ave., Oakland.  
Architect—Not Given. \$4,600 each  
Also 1-story garages, \$400 each.

**DWELLING**  
(679) 1001 BROOKWOOD ROAD, OAKLAND. Two-story six-room dwelling.  
Owner and Builder—W. H. Warren, 3044 Dakota St., Oakland.  
Architect—Not Given. \$6,000

(680) 1144 SCENIC WAY, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—Williams, 1412 Scenic Way, Berkeley.  
Contractor—T. S. Lossing, 47 Canyon Road, Berkeley.  
Architect—Not Given. \$5,200

**ADDITION**  
(681) 3906 LAUREL AVE., OAKLAND. Addition.  
Owner—H. P. Bryant, 3906 Laurel Ave., Oakland.  
Contractor—E. R. Splinden, 160 Ruas St., San Francisco.  
Architect—Not Given. \$1,000

**DWELLING**  
(682) 8578 LIGGETT DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner—Charles De Martino.  
Contractor—Henry Schenk, 922 Rose Ave., Oakland.  
Architect—Not Given. \$5,000

**DWELLING**  
(683) 179 ESTATES DR., PIEDMONT. Two-story 10-room residence and garage.  
Owner—L. W. Stettner, 810 Excelsior Boulevard.  
Contractor—S. M. Shapiro, 2581 Virginia St., Berkeley.  
Architect—John B. Anthony. \$18,000

**ALTERATIONS**  
(684) 1539 TELEGRAPH AVENUE, OAKLAND. Alterations.  
Owner and Builder—Tanne, Inc.  
Architect—Not Given. 10,000

**DWELLING**  
(685) 37 SHARON AVE., PIEDMONT. Two-story 9-room residence and garage.  
Owner and Builder—George Windsor, 11 Sharon Ave., Piedmont.  
Architect—Irwin M. Johnson. \$12,500

**DWELLING**  
(686) 112 MORAGA AVE., PIEDMONT. One-story 5-room residence.  
Owner—J. R. Wood, 40 Cambridge Way.  
Contractor—C. M. Anderson, 1853 9th Avenue.  
Architect—Irwin M. Johnson. \$3,100

**REPAIRS**  
(687) 3918 FAIRWAY AVE., OAKLAND. Fire repairs.  
Owner—A. W. Ide.  
Contractor—C. J. Krattenmaker, 5322 James Ave., Oakland.  
Architect—Not Given. \$1,860

**ALTERATIONS**  
(688) 11 SHATTUCK SQ., BERKELEY. Alterations and steel frame for sign.  
Owner—Foster & Kleiser, 22nd and Market Sts., Oakland.  
Contractor—Herrick Iron Wks, 1734 Campbell St., Oakland.  
Architect—Not Given. \$1,500

**DWELLING**  
(689) 1470 ACTON, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—R. C. Seaton, 3426 33rd Ave., San Francisco.  
Contractor—W. Van Golst, 608 16th St., Oakland.  
Architect—Not Given. \$4,000

**DWELLING**  
(690) 1126 HOPKINS, BERKELEY. One-story 4-room dwelling.  
Owner—Stanley M. Bush, 1711 10th St., Oakland.  
Contractor—A. Poston, 725 Virginia St., Berkeley.  
Architect—Not Given. \$1,900

**RADIO STATION**  
(691) 601 ASHBY AVE., BERKELEY. One-story 4-room radio station.  
Owner—California Broadcasting Co., Oakland.  
Contractor—A. Westlund.  
Architect—Not Given. \$2,500

**DWELLING**  
(692) 1769 SPRUCE ST., BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—J. A. Violck, 1769 Spruce St., Berkeley.  
Contractor—Edw. M. Sorensen, 1907 Parker Ave., Berkeley.  
Architect—E. L. Snyder, 2104 Addison St., Berkeley. \$7,700

**DWELLING**  
(693) 5937 MONADNOCK WAY, OAKLAND. One-story six-room dwelling.  
Owner and Builder—Mrs. Christine Johnson, 3051 Madeline Street, Oakland.  
Architect—Not Given. \$4,100

**RESIDENCE**  
(694) 161 ESTATES DRIVE, PIEDMONT. Two-story, 12-room residence.  
Owner—W. A. Bechtel, Jr., 230 Sandringham.  
Contractor—Albert A. Haskell, 255 Ridgeway.  
Architect—Miller & Warnecke. \$28,500

**RESIDENCE**  
(695) 519 BLAIR AVE., PIEDMONT. Two-story 8-room residence and garage.  
Owner—Frank J. Youell, 3007 Telegraph Ave.  
Contractor—McKinney & Johnson, 3328 Loma Vista Ave.  
Architect—Not Given. \$9900

**RESIDENCE**  
(696) 34 JEROME AVE., PIEDMONT. Two-story 7-room residence and garage.  
Owner—Albert F. Tiggard, 2415 Havenscourt.  
Contractor—Chris Tollefsen, 1755 High Street.  
Architect—Not Given. \$7400

**ALTERATIONS**  
(697) 138 HIGH COURT, BERKELEY. Alterations.  
Owner—William Gilmore, 1138 High Court, Berkeley.

Contractor—F. A. Stead, 3206 Bolese, Berkeley.  
 Architect—Not Given. \$2,000

**DWELLING**  
 (698) 3714 YOUNG AVENUE, OAKLAND. One-story 6-room dwelling.

Owner—John G. Burger, 4225 De-troit Ave., Oakland.  
 Contractor—O. W. Johnson, 3721 Young Ave., Oakland.  
 Architect—Not Given. \$5,500

**TANKS**  
 (699) 1071 29th AVE., OAKLAND. Two wood tanks.  
 Owner and Contractor—California Packing Corp., 101 California St., San Francisco.  
 Architect—Not Given. \$1300 each

**DWELLING**  
 (700) 6151 ACACIA AVE., OAKLAND. Two-story 7-room dwelling.  
 Owner and Contractor—H. P. Fisher, 376 17th St., Oakland.  
 Architect—Not Given. \$10,000

**DWELLING**  
 (701) 5132-40 PROCTOR AVENUE, OAKLAND. Two one-story five-room dwellings.  
 Owner and Builder—Henry Nelson, 1039 Cherry Way, Hayward.  
 Architect—Not Given. \$4500 each

**DWELLING**  
 (702) 10507 PIPPIN STREET, OAKLAND. One-story 3-room dwelling.  
 Owner and Builder—B. J. Patchin, 10777 Pippin St., Oakland.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (703) 5858 BRUNS DRIVE, OAKLAND. Two-story 6-room dwelling.  
 Owner and Builder—C. M. Teigland, 4607 Harbord Dr., Oakland.  
 Architect—Not Given. \$7,000

**DWELLING**  
 (704) 3 HARVARD CIRCLE, BERKELEY. Two-story six-room frame dwelling and garage.  
 Owner—Ora Harris, 1602 Shattuck Ave., Berkeley.  
 Contractor—Whalin Bros., 2942 23rd Ave., Oakland.  
 Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley. \$7,000

**DWELLING**  
 (705) 1147 GRIZZLY PEAK, BERKELEY. Two-story 5-room frame dwelling and garage.  
 Owner and Builder—J. M. Walker, 401 Spruce St., Berkeley.  
 Architect—E. L. Snyder, Berkeley. \$4,000

**DWELLING**  
 (706) S ANTEX WAY, LOT 165, Montclair Highlands OAKLAND. Two-story 7-room dwelling.  
 Owner—J. E. Cochran, 1065 Longridge Road, Oakland.  
 Contractor—C. H. Thrans, 28 Home Place, Oakland.  
 Architect—R. F. Keffer, 585 Mandana Blvd., Oakland. \$13,500

**DWELLING**  
 (707) 6827 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—E. L. Dashiell, 3700 Foothill Blvd., Oakland.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (708) 1712 81st AVE., OAKLAND. One-story 4-room dwelling.  
 Owner & Builder—H. W. Noas, 1714 81st Ave., Oakland.  
 Architect—Not Given. \$1,600

**BUILDING CONTRACTS**  
 SAN FRANCISCO COUNTY

No. Owner Contractor Amt.  
 71 Leed Ruegg 6250  
 72 Western Phoenix 2700  
 77 Caro Army St. 2988  
 80 Superba Vukicevich 11820

**DWELLING**  
 (71) COMG at a pt perp dist 133 ft SW from SW line of Vistacion Ave. in which pt is also perp dist 134 ft NW from NW SW Bruno nor to widening; running thence NW and pari with SW line of Vistacion Ave 100 ft; thence at right angle SW 35 SE 100 NE 35. One-story and basement frame dwelling.

Owner—Geo J. and Elsie T. Teed.  
 Architect—Not Given.  
 Contractor—The Ruegg Company.  
 Filed and Dated, April 15, 1937.  
 Frame up and roof on ..... \$1,000  
 Brown coated ..... 2000  
 Completion ..... 1000  
 Usual 35 days ..... 1000  
 Nov. 30, 1937 ..... 1250  
 TOTAL COST, \$6,250  
 Limit, 120 days.

**LIGHTING FIXTURES**  
 (72) SE TENTH and Market Sts.  
 Lighting fixtures for office.  
 Owner—Western Furniture Exchange (Capital Company).  
 Architect—Not Given.

Contractor—Phoenix Day Company.  
 Filed, April 15, 1937. Dated, April 15th and 15th of each month.....75%  
 Usual 35 days ..... 15%  
 TOTAL COST, \$2,700  
 Bond, \$2,700. Sureties, New York Casualty Co. Forfeit, \$20 Limit, June 15. Plans and specifications filed.

**REMODELING**  
 (77) 610-1126 MISSION ST. Remodel wholesale house.  
 Owner—Caro & Upright, 616 Mission.  
 Architect—Not Given.  
 Contractor—Army Street Carpenter & Cabinet Shop, 3155 Army St.  
 Filed, Apr. 17, '37. Dated, Apr. 14, '37  
 Signing of contract.....\$300  
 Partition remodeled ..... 700  
 Mezzanine complete ..... 600  
 Completion ..... 643  
 Usual 35 days ..... 745  
 TOTAL COST, \$2,988.00  
 Limit, 30 days.

**NE COR SECOND & TOWNSEND.**  
 Concrete work and cement finish work for warehouse.  
 Owner—South End Warehouse Co., 625 Second St.  
 Architect—W. P. Day.  
 Contractor—Adam Arras.  
 Filed Apr. 19, '37. Dated Apr. 16, '37.  
 75% on 15th month.  
 25% usual 35 days.  
 TOTAL COST, \$2,013.00  
 Specifications filed.

**NE LOMBARO AND HYDE STS.**  
 Two-story frame dwelling.  
 Owner—E. M. Nicholson.  
 Contractor—James W. McCabe.  
 Filed Apr. 19, '37. Dated Apr. 17, '37.  
 Sign contract ..... \$1022  
 Roof on ..... 2000  
 Brown coat plaster ..... 2000  
 Completion ..... 2000  
 Usual 35 days ..... 2000  
 TOTAL COST, \$9022.00  
 Limit, 90 days.

**BUILDING**  
 (80) S 21st ST 122 E Van Ness Ave South Two-story concrete commercial building.  
 Owner—Superba Packing Co.  
 Architect—John A. Cole.  
 Contractor—M. E. Vukicevich.  
 Filed, Apr. 27, '37. Dated, Apr. 22, 1937  
 Forms finished ..... \$2,216  
 Walls in place ..... 2,216

Brown coated ..... 2,216  
 Completed ..... 2,216  
 Usual 35 days ..... 2,216  
 TOTAL COST, \$11,820  
 Bond, \$11,820. Sureties, Maryland Casualty Co. Limit, 90 days. Plans and specifications filed.

**BUILDING CONTRACTS**  
 ALAMEDA COUNTY

No. Owner Contractor Amt.  
 73 Pi Appelbe 53474  
 74 Laut Appelbe 15343  
 75 Martino Schenk 6300  
 76 Sigma Kappa Sorensen 2950  
 78 Ryan Meade 6378  
 79 Hall Henderson 1243  
 81 Catucci Christensen 143980

**SORORITY HOUSE**  
 (73) SW COR WARRING and Bancroft Way, Berkeley. Sorority House.  
 Owner—Pi Bldg. Association of Delta-Delta-Delta.  
 Architect—William W. Wurster, San Francisco.  
 Contractor—Frank G. Appelbe.  
 Filed, Apr. 15, '37. Dated, Apr. 1, '37.  
 On or before 10th of each mo. 75%  
 Usual 35 days ..... 25%  
 TOTAL COST, \$5,424  
 Limit, Aug. 1, 1937. Plans and specifications filed.

**DWELLING**  
 (74) LOT 23, Hampton Highlands, Oakland. Dwelling.  
 Owner—E. W. and Mabel I. Laub.  
 Architect—William W. Wurster, San Francisco.  
 Contractor—Frank G. Appelbe.  
 Filed, Apr. 15, '37. Dated, Apr. 7, '37.  
 Frame up ..... \$3835.75  
 First coat of plaster ..... 3835.75  
 Completion ..... 3835.75  
 Usual 35 days ..... 3835.75  
 TOTAL COST, \$15,343.00  
 Limit, Aug. 1, 1937. Plans and specifications filed.

**DWELLING**  
 (75) LIGGETT DRIVE and Sims Drive, Montclair Acres, Oakland. One-story and basement residence.  
 Owner—Charles E. O. Blodgett.  
 Architect—E. O. Blodgett.  
 Contractor—Henry A. Schenk.  
 Filed, Apr. 16, '37. Dated, Apr. 9, '37.  
 Frame up ..... 25%  
 Plastered ..... 25%  
 Completion ..... 25%  
 Usual 35 days ..... 25%  
 TOTAL COST, \$6,300  
 Limit, 90 days Plans and Specifications filed.

**PAINTING, ETC.**  
 (76) 2409 WARRING ST., Berkeley. Painting and alterations  
 Owner—Sigma Kappa sorority.  
 Architect—W. H. Ratcliff, Berkeley.  
 Contractor—Walter Sorensen.  
 Filed, Apr. 16, '37. Dated, Apr. 12, '37.  
 Progress payments.  
 TOTAL COST, \$2,950.00  
 Limit, 30 days.

**ALTERATIONS**  
 (78) 2401 S J. JOSE AVE., Alameda. Alterations to residence.  
 Owner—Margaret C. Ryan, S. F.  
 Architect—A. R. Denke.  
 Contractor—A. R. Boyce, Maurice Meade.  
 Filed, Apr. 19, '37. Dated, Apr. 15, '37.  
 New roof completed ..... \$1594.00  
 Plastered ..... 1691.00  
 Completed ..... 1695.00  
 Usual 35 days ..... 1695.00  
 TOTAL COST, \$6,375.00  
 Bond, \$6378. Sureties, Fidelity and Deposit Co. Forfeit, \$5 per day. Limit, 90 days. Plans and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Fairs                        | 15.—Schools                     |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Clubs     |
| 7.—Federal Buildings            | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies & Materials  |

### 1—APARTMENTS

#### Bids Wanted

**APARTMENTS** Estimated Cost, \$20,000.  
**PITTSBURG**, Contra Costa Co., Cal. Two-story frame and stucco apartment building (8 apts.), tile and composition roof, tile floors in baths, individual gas floor burners, hardwood floors, etc.

Owner—E. L. Anderson, 412 E 9th Street, Pittsburg.  
 Architect—Firm of Narbett & Brown (I. Brown, Arch.), 462 31st Ave., Richmond.

The owner is now taking general bids.

#### PREPARING PLANS

**LOS ANGELES**, Calif.—Leland Bryant, care of Tower Construction Co., 4056 Wilshire Blvd., Los Angeles is preparing plans for three frame and stucco apartment buildings to be built on the northeast corner of Hobart and San Marino Sts., Beverly Hills, for the Tower Construction Co. Plans will be completed early in May. Cost is estimated at \$200,000.

**Plans Being Prepared.** Cost, \$...  
**APARTMENTS**  
**BAYWOOD**, San Mateo Co., Calif.

Two-story stucco apartment building (four 5-room apts.) shake roof, tile baths, hardwood floors, hot water heating system, plaster walls, electric refrigeration, garbage chute, etc.

Owner—George Ames.  
 Architect—Higgins & Root (Chester Root, architect) Security Bldg., San Jose.

Plans will be completed in about three days.

**Sub Contracts Awarded** Cost, \$24,000  
**APARTMENTS**  
**BAKERSFIELD**, Kern Co., Cal. Lincoln and Kern Streets.

Apartment court.  
 Owner—Tom Scott.  
 Architect—Not Given.  
 Contractor—V. A. Young, Bakersfield.

Following sub contracts awarded:  
 Paint—F. J. Stevens, 1517 18th St. Bakersfield.

Electric—Advance Electric Co., 909 18th St., Bakersfield.

Plumbing—W. W. Smetzer, 2728 Chester Ave., Bakersfield.

Plaster—F. E. Davis, 1319 26th St., Bakersfield.

Sheet Metal—Wilson Sheet Metal Works, 1019 19th St., Bakersfield.

Tile—Chas. L. Zink, R. 1, Box 310, Bakersfield.

**Preparing Working Drawings** Cost, \$20,000  
**APARTMENTS**  
**RENO**, Nevada.

Two-story modern apartment building (four apartments, each containing living room, dinette, kitchenette, bedroom, bath, and foyer), brick construction; individual entrances, individual oil burning heating units, individual garbage units, stucco exterior with Johns-Manville steeltex, insulated with rock mineral wool, plaster interior, tile baths, electric refrigerators, etc.

Owner—Withheld.  
 Architect—Mark Daniels, 101 Post St., San Francisco.  
 This will be the first unit of 12 apartments.

**Contract Awarded** Cost, \$14,000  
**APARTMENTS**  
**SAN FRANCISCO**, S 25th Street 50 E York Street.

Two-story frame apartment bldg.  
 Owner—G. Castro, 758 Treat Avenue.  
 Architect—Not Given.  
 Contractor—G. Carrara & Sons, 750 Fulton Street.

### 3—CHURCHES

**Sub Contracts Awarded** Cost, \$10,000  
**CHURCH**  
**CLARKSBURG**, Yolo Co., Calif.  
 New church building (chapel, social hall, Sunday School rooms and kitchen).

Owner—Community Church (Rev. J. R. Rudkin, pastor).  
 Architect—Not Given.

Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.

**Sheet Metal & Heating—Ahl Sheet Metal Works**, 2114 P St., Sacramento.

Electric—Rex Moore, 616 San Antonio Way, Sacramento.

Plumbing—Willy & Rhoads, 3653 J St., Sacramento.

Brick—Henry Redmond, 2414 H St., Sacramento.

Lumber—O. Adams Lumber Co., Clarksburg.

Millwork—Sierra Mill & Lumber Co., P. O. Box 28, Sacramento.

Plastering—S. A. Tuchfarber, 2116 36th St., Sacramento.

Painting—W. H. Raymond, 2710 Donner Way, Sacramento.

#### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Myers Bros. 3407 San Fernando Road, awarded contract at \$52,000 for construction of a new church and five classroom school at Transfiguration Parish, West Santa Barbara Ave., for the Roman Catholic Archbishop diocese of Los Angeles; Rev. J. P. Buckley, pastor.

### 4—FACTORIES & WAREHOUSES

**Plans Completed** Cost, \$25,000  
**WAREHOUSE**  
**FRESNO** Fresno Co., Calif. 920 M Street.

One-story brick and steel warehouse building (60 ft. frontage).

Owner—Tay-Holbrook, Inc., 920 M St., Fresno.  
 Architect—W. D. Coates, Rowell Bldg., Fresno.

Specifications are now being written and bids will be received within a few days from a selected list of contractors.

**Plans Being Prepared** Cost, \$.....  
**WAREHOUSE & OFFICE** Cost, \$.....  
**FRESNO**, Fresno Co., Calif.

One and two-story and part basement terminal warehouse and office building (400 x 84 ft.), reinforced concrete walls, wood roof trusses, Tyl-Lyke (metal) roof, skylights, steel shaft, tile waterproofing and cement floors in toilet rooms, steel toilet partitions, overhead doors, concrete & wood floors, oil burning furnace, gas radiators, etc. (to house offices, garage, and loading dock).

Owner—Pacific Freight Lines & Valley Motor Lines.  
 Architect—Van Trees & Schaefer, 1103 Kerckhoff Bldg., Los Angeles.

Bids will be received by the owners upon completion of plans.

**To Be Done By Day's Work** Cost, \$25,000  
**ADDITION**  
**LODI**, San Joaquin Co., Calif.

Reinforced concrete addition to winery (38 x 112), concrete floors, reinforced concrete walls, wooden roof with composition roofing; 1-inch firetex or celotex insulation (Steele's fireproof room and dry wine storage).

Owner—Eastside Winery (Reuben R. Rott, manager), Lodi.  
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

**Plans Being Figured—Bids Close** April 27, 1 P. M.  
**WAREHOUSE & SHED** Cost, \$13,000  
**OAKLAND**, Alameda Co., Calif. 501 Fifth St.

Reinforced concrete warehouse unit with tile walls and tar and gravel roof, on pile and reinforced concrete foundations (25 x 80 ft.); steel frame shed with corrugated metal culvert on piles and reinforced concrete foundations (200 x 25 ft.); and driving of piles for future shed construction.

Owner—City of Oakland (W. W. Chappell, City Clerk).  
 Plans prepared by the City Engineering Department; Walter Frickstad, City Engineer.

Plans and specifications obtainable from the office of the City Engineer upon deposit of \$5.

**Contract Awarded** Cost, \$9,334  
**CORPORATION YARD BUILDING**  
**SACRAMENTO** Sacramento County, Calif., S. E. bet. Alhambra Blvd. and 34th St.

Frame and corrugated iron corporation yard storage and office bldg. (120 x 40 ft.) elevated concrete floor, offices in end of building, plaster finish.

Owner—City of Sacramento (H. G. Denton, City Clerk).  
 Architect—Not Given.  
 Contractor—Henry Finnigan, 1714 16 Street, Sacramento.

**To Be Done By Day's Work** Cost, \$10,000  
**ALTERATIONS**  
**OAKLAND**, Alameda Co., Cal. 1539 Telegraph Avenue.

Alterations to plant.  
 Owner and Builder—Tanne Inc., 1539 Telegraph Ave., Oakland.  
 Architect—Not Given.

**Contract Awarded** Cost, Fr. \$145,980  
**WAREHOUSE**  
**FARMERSVILLE**, Alameda Co., Calif.

Powell St. and Bayshore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 feet).



Owner—J. Catucci.  
 Lease—Bigelow-Sanford Carpet Co., of New York.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—H. J. Christiansen Co., 1955 Webster St., Oakland.  
 General contract awarded exclusive of heating and electric work for which bids will be asked at a later date.

**Planned ADDITIONS** Cost, \$24,000  
 LODI, San Joaquin Co., Calif.  
 New brandy warehouse and addition to winery cellar.  
 Owner—Del Rio Winery (Walter E. Garrison, President).  
 Architect—Not Given.

**Bids Opened ADDITION** Cost, \$10,000  
 LODI, San Joaquin Co., Calif.  
 Reinforced concrete addition to winery (38 x 112), concrete floors, reinforced concrete walls, wooden roof with composition roofing; 1-inch fireproof or celotex insulation. (Sherry room and dry wine storage).  
 Owner—Eastside Winery (Reuben R. Rott, Manager), Lodi.  
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
 Low Bidder—George Wallace, Escalon.

The three low bids follow:  
 George Wallace, Escalon, \$10,085  
 O. J. Scherer, Angeles Camp, 10,088  
 George Sconyers, 10,190

**Roofing Bids Being Taken WAREHOUSE** Cost, \$120,000  
 SACRAMENTO, Sacramento Co., Cal. 16th and C Streets.  
 One-story warehouse building (brick walls, frame roof, concrete floor).  
 Owner—California Packing Corp., 101 California St., San Francisco.  
 Plans prepared by the owner's engineering department.  
 General Contract—H. W. Robertson, 3004 F St., Sacramento, \$113,283.  
 Brick—E. A. Hunn, 917 Fifth St., Marysville, \$21,750.

Bids are now being received on roofing, and bids will be received in about one month on plumbing and electrical work.

**5—FLATS**

**Contract Awarded FLATS** Cost, \$8,500 each  
 SAN FRANCISCO, NE Upper Terrace and Masonic Avenue.  
 Two 2-story frame and stucco flat buildings.  
 Owner—Charles Hine.  
 Architect—F. W. Dakin, 625 Market.  
 Contractor—Roy A. Helgeson, 2695 23rd Avenue.

**6—GARAGES & SERVICE STATIONS**

**CONTRACT AWARDED**  
 LOS ANGELES, Calif. — Miller-Saunders Co., 7278 Melrose Avenue, awarded contract at \$49,250 for a one- and part two-story scoring stage and garage building to be built at Eleanor and Seward Streets for General Service Studios, Architect Marshall P. Wilkinson.

**7—FEDERAL BUILDINGS**

**BIDS OPENED**  
 ROSEBURG, Ore.—George Isackson, Worcester Bldg., Portland, at \$547,600, submitted low bid to Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing and finishing complete O. T. Shops Building No. 17, at Vet-

erans' Administration Facility, Roseburg, Oregon.  
 Complete bids follow:  
 Geo. Isackson, Portland, \$47,600  
 E. R. Viecko, Salem, 48,500  
 Dougan-Hammond Const. Co., Portland, 48,885  
 Stien Bros., Eugene, 53,300  
 G. E. Anderson, Portland, 54,250  
 Curtis Gardner, Portland, 56,000  
 Allyn & Powers, Portland, 57,998

**BIDS WANTED**  
 EUREKA and Del Norte Co., Cal.—Until May 5, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, for repairs to station wiring including conduit, wiring, replacement of switches, receptacles and fixtures at the U. S. Naval Radio Stations, Table Bluff (Eureka) and Point Saint George (Crescent City) Calif. Specification No. 8451.

Specifications and drawings may be obtained on application to the Commandant, U. S. Navy Yard, Mare Island, upon deposit of check or postal money order made payable to Norman M. Smith, Chief of Bureau of Yards & Docks.

Correction In Estimated Cost  
**POST OFFICE** \$50,000  
 FRESNO, Calif. North side of Tulare St., between M and N Sts. United States Post Office.  
 Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Cost price of site, \$79,950, was previously reported in error as cost of building.

**CONTRACT AWARDED**  
 WHEELER FIELD, T. H.—Hawaii Electric Co., Honolulu, at \$2,280, awarded contract by the Constructing Quartermaster, Wheeler Field, for the installation of a flood lighting system at Wheeler Field.

**CONTRACT AWARDED**  
 LUKE FIELD, T. H.—H. H. Walker, Inc., 1223 Venice Blvd., Los Angeles, at \$4,474, awarded contract by the Constructing Quartermaster, Luke Field, for the construction of a landing mat marker and lighting installation at Luke Field.

**CONTRACT AWARDED**  
 OWYHEE, Nev.—Carl W. Watkins Boise, Idaho, awarded contract by the Department of the Interior, at \$33,128 for constructing a community building for the Western Shoshone Indian Agency, Owyhee, Nev.

**CONTRACT AWARDED**  
 MARCH FIELD, Riverside Co., Cal.—Underground Constr. Co., 6 Alvarado Road, Berkeley, at \$1,732, awarded contract by the Constructing Quartermaster, March Field, for floodlight installation at March Field.

April 19, 1937.  
**EXCAVATING CONTRACT AWARDED**  
 LOS ANGELES, Calif.—Los Angeles Rock and Gravel Corp., 1735 N. Main St., awarded contract for general excavating and backfilling the site of the new federal building to be constructed at Temple and Main Sts. Bertram Drilling Co., 126 N. Kingsley Drive, has contract for castiron excavation. George A. Fuller Co., 1203 Continental Bldg., 408 S. Spring Street is general contractor for the new Federal building

**BIDS WANTED**  
 NOME, Alaska—Until June 8, 1 P. M., new bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of the U. S. P. O. and Court House at Nome.

Plans and specifications will be available May 4, from the above office. No deposit required for two sets. Estimated cost, \$425,000.

**SUB CONTRACTS AWARDED**

LOS ANGELES, Calif.—Robert E. McKee, Central Bldg., reports subcontracts for four barracks buildings to be built at Sawtelle, for the Veterans' Administration, awarded as follows: Coast Sash & Door Co., millwork; Texas Quarries, cut stone; South Gate Iron Works, structural steel and ornamental iron; Soule Steel Co., reinforcing steel; Economy Roof Co., roofing; L. S. Wilson Co., sheet metal; Vermont Marble Co., marble; Art Tile & Mantel Co., tile; Golden State Glass Corp., glass and glazing; Venetian Terrazzo & Mosaic Co., terrazzo; Lindley Carpet Co., asphalt tile; California Hardware Co., finish hardware; Triangle Iron Works, steel stairs; Steel Form Contr. Co., metal pans; Griffith Co., paving; J. Royden Estey Co., caulking; Coast Insulating Corp., rock wool insulating; Van Fleet-Freer Co., cork insulation; Rosen Cornice Works, hollow metal work; Elkies, window shades; Fred Shaded Mfg. Co., steel shelving; Cleveland Wrecking Co., wrecking. Work on the project is scheduled to start next week.

**BIDS OPENED**

VAN NUYS, Los Angeles Co., Cal.—Ceco Weather Strip & Screen Products, Chicago, Ill., at \$495, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Van Nuys. Complete bids follow:  
 Ceco Weather Strip & Screen Products, 495  
 Robbins Mfg. Co., Chicago, Ill., 497  
 Chamberlin Metal Weatherstrip Co., Detroit, Mich., 540

April 20, 1937

**MATERIALS APPROVED**

LOS ANGELES, Calif.—Treasury Department approved following bids for the construction of the U. S. Federal Jail; Robert E. McKee, general contractors; Condensate pump, American Steam Pump Co.

**BIDS WANTED**

SAN FRANCISCO—Until May 20, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for painting plaster, etc., in the U. S. Mint at San Francisco. Specifications may be obtained from the above office and from the custodian of the building at San Francisco.

**CONTRACTS AWARDED**

LOS ANGELES, Calif.—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles, at \$129,900 (add. Ait. 1), awarded general contract by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for additions to Kitchen Bldg. No. 163, Veterans' Administration Facility, Los Angeles. Separate bids were received and contracts awarded as follows:  
 (1)—General Construction Sarver & Zoss, Inc., L. A. \$129,900  
 (11)—Electric Elevators Kimball Electric Co., Ltd., Los Angeles 3,011  
 (111)—Refrigeration Gav Engineering Corp., Los Angeles 21,886

**CONTRACT AWARDED**

DENVER, Colo.—Fox & Jones, 1326 Danier St., Denver, at \$19,975 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for precipitator duct work structural work, etc., at the U. S. Mint Denver.

## CONTRACT AWARDED

DENVER, Colo.—Research Corp., 405 Lexington Ave., New York City, at \$42,520, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for an electrical precipitator and fan at the U. S. Mint at Denver.

## BIDS WANTED

SAN DIEGO, Cal.—Until May 18, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal flag pole at the U. S. Air Station, San Diego.

## 8— CLUB BUILDINGS

Working Drawings Being Prepared  
CLUB Cost, \$100,000  
PALM SPRINGS, Riverside Co., Cal.  
Laquinta.

Two-story reinforced concrete club building (20,000 sq. ft.) containing club rooms, sleeping rooms, lounge, restaurant, coffee shop, and shops (wood roof, composition roof covering, concrete and wood floors, steel sash, plumbing, electric wiring, etc.). Plans are also being made for a swimming pool, dressing rooms, and tennis court.

Owner—Palm Springs Laquinta Development Corp.  
Architect—S. Charles Lee, 351 Bush St., San Francisco.

Sub Contracts Awarded  
MASONIC TEMPLE Cost, \$200,000  
FRESNO, Fresno Co., Calif., Stanislaus and L Streets.

Two-story reinforced concrete Masonic temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwood interior trim, steel sash, wood-sprung tile wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry.

Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Mechanical Engineer—G. M. Simonson, 71 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.

Contractor—Fisher & McNulty, 327 City Bldg., Fresno, \$128,877.

Mechanical—Frank Hudson, 2141 S Van Ness Ave., P. O. Box 254, Fresno, \$28,000.

Electrical—Electric Construction Co., P. O. Box 638, Fresno, \$16,000.

Excavating & Concrete—Grant-Service Rock Co., Consolidated Millwork—Fresno Planning Mill "H" and Monterey, Fresno.

Structural and Reinforcing Steel and Ornamental—Iron-Kyle & Co., 216 G St., Fresno.

Plastering—M. E. Summers, Rte. 1, Box 329 Fresno.

Sheet Metal—Barrett-Hicks Co., 1027 Broadway, Fresno.

## 9— HOSPITALS

Plans Being Prepared  
MEDICAL CLINIC Cost, \$11,000  
VISALIA, Tulare Co., Calif.

Medical clinic brick construction, tile and composition roof.

Owner—Withheld.  
Architect—Ernest J. Wynn, Rowell Bldg., Fresno.

Bids will be taken in a selected list of contractors.

## 10— HOTELS

Bids Opened  
RESTAURANT & MOTEL COURT  
Cost, \$100,000

VELO CO., Calif. Across the river from Sacramento.

Two-story modernistic stucco building (103x78 feet) containing waffle shop, bar, cocktail lounge and banquet rooms on main floor and apartments and rooms on second floor, all air conditioned; and a motel court of 24 cabins (to be known as "Tiny's Rendezvous").

Owner—Macla, Naylor, and Nyberg, Incorporated.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Complete bids follow:

(1) Main building; (1) Camp buildings.  
W. C. Keating, 1121 24th St., Sacramento.....(1) \$46,950

.....(2) 14,900

L. F. Gould, Sacramento.....(1) 47,436

.....(2) 14,423

H. W. Robertson, Sacto.....(1) 47,500

Holdener Const. Co., Sacto.....(1) 47,402

.....(2) 14,586

.....(3) 14,375

W. E. Truesdale, Sacto.....(1) 48,735

.....(2) 14,925

Campbell Const. Co., Sacramento.....(1) 48,820

.....(2) 14,948

.....(3) 14,986

Chas. F. Unger, Sacto.....(1) 48,860

.....(2) 14,890

.....(3) 14,900

Peterson Const. Co., Sacramento.....(1) 49,985

.....(2) 14,948

.....(3) 13,725

L. L. Watson, Sacto.....(1) no bid

.....(2) 14,129

.....(3) 14,125

Cost of the building was estimated at \$40,000; with equipment, etc., \$100,000.

Planned  
AUTO COURT Cost, \$15,000

SANTA CRUZ, Santa Cruz Co., Cal.  
Soquel Ave. and Water Street.

Modern auto court and trailer depot.

Owner—D. C. Jones, Santa Cruz.  
Architect—Not Given.

## 12— POWER PLANTS

Roofing & Plumbing Bids In—Held Under Advisement

ADDITION Cost, \$200,000  
EMERYVILLE, Alameda Co., Calif.

5315 Peladeau Street.

Addition to plant (200x400 ft.), welded steel frame, composition roofing, sawtooth roof construction, concrete walls to sill line, concrete floors, glazing, revision of railroad trackage, one 5-ton and one 10-ton crane. Painting to be let later.

Owner—Westinghouse Electric and Manufacturing Company.

Mgr. of Construction—P. J. Walker  
Co. Sharon Bldg., San Francisco.

Segregated bids will be asked on all portions of the work. As previously reported, Judson-Pacific Co., 608 Mission St., awarded contract for structural steel.

Further announcement in about a week.

## BIDS WANTED

SEWARD, Alaska—Until June 7, 8 p.m., bids will be received by the Seward (Alaska) City Council, E. D. Webb, City Clerk, for the construction of a municipal diesel electric power plant and distribution system.

The city has \$90,000 available. Plans and specifications obtainable from the above office upon deposit of \$10.

All bids received in October, 1936, were rejected as they were too high.

## BIDS WANTED

NORTII BEND, Wash.—Until May 4, 10 P. M. bids will be received by the Mutual Power & Light Association of Tanner, George H. Whipple, secretary, North Bend, for the construction of 13 miles of rural electrical distribution lines.

Plans and specifications prepared by and obtainable from the Seattle City Light Dept., City Light Bldg., 3rd and Madison Sts., Seattle, upon deposit of \$5.00.

Low Bidder On Structural Steel BUILDING Cost, \$.....

STOCKTON, San Joaquin Co., Calif.  
SW Cor. San Joaquin and Lindsay Streets.

New 3-story and basement Class A steel and concrete telephone exchange building (96x86 ft.).

Owner—Pacific T. & T. Co. (H. C. Britton, District Manager).

Plans by Engineering Department of

Low Bidder—Herriek Iron Works, 1729 Campbell St., Oakland.

Announcement of award for structural steel will be made shortly.

Bidder foundations and excavations will be asked in about two weeks.

Bids will be received in the San Francisco office of the Owner, 444 Bush St.

## BID OPENING POSTPONED

HICKAM FIELD, T. H.—Until May 11, 1:30 p.m., P.S.T., and at 11 a.m., H.S.T., bids will be received by the

Constructing Quartermaster, Ft. MacArthur, by the Purchasing & Contracting Officer, Hickam Field, T.H., respectively, under Bid No. W 397-

37-18, for the construction and completion of the electric distribution system at Hickam Field.

Date of opening bids has been postponed from April 27, previously reported.

Bids will be taken as follows:

(I) Work complete, construction and completion of the electrical distribution system;

(II) (ALT) If an electrical distribution system is constructed at Ft. Kamehameha, add;

(III) (ALT) If repairs are made to the electrical distribution system at Fort Kamehameha, add;

(IV) Unit Prices:

(1) Excavation, general (unclassified) per c.y.;

(2) Excavation, trench (unclassified) per c.y.;

(3) Backfill, per c.y.;

(4) Concrete, Type A (inc. forms) per c.y.;

(5) Concrete, Type B (inc. forms) per c.y.;

(6) Reinf. steel, per ton.

The following unit prices on duct are for combinations of size, including duct complete in place, including envelope:

(7) 2-way duct, per trench foot;

(8) 3-way duct, do;

(9) 4-way do;

(10) 15-way do;

(11) Manholes, Type B, each;

(12) Manholes, Type D, each;

(13) Vaults, type I;

(14) Vaults, Type II;

(15) Vaults, Type III;

(16) Cable, 2/0 SC, 15,000 volt VCL per lf.;

(17) Cable, No. 4, 3C, do;

(18) Apparatus, cable, No. 4, 15,000 volt, per lf.;

(19) Copper wire, bare stranded, No. 10, per lf.;

(20) Copper wire, bare stranded, No. 6, per lf.;

(21) Cable, metallic armored, No. 1/2, 3C, 600 volt, per lf.;

- (22) Cable, metallic armored, No. 4, 3C, 600 volt;
- (23) Potheads, indoor type, 15,000-volt 3C;
- (24) Potheads, outdoor type, do;
- The following transformers 6600/11, 500Y to 115:
- (25) 1½-KVA, each;
- (26) 5-KVA, each;
- (27) 15-KVA, each;
- (28) 25-KVA each;
- (29) 37½-KVA, each;
- (30) 50-KVA, each;
- (31) 75-KVA, each;
- (32) 37½-KVA (6600/11,500 Y to 2300)
- (33) 100-KVA (6600/11,500 Y to 6600)
- (34) Junction boxes, 15,000-volts;

- Disconnects, 7500/12,500 volts;
- (35) Selector;
- (36) Single throw;
- (37) Double throw;
- (38) Primary fence cutouts (7,500-V)
- (39) Oil circuit breakers, 15,000-volt.

Secondary distribution panels with lugs in mains and:

(40) 4-100 amp. 3-wire branches;

(41) 3-100 amp. do;

(42) 2-200 amp. do;

(43) 2-200 amp. do;

(44) 1-200 amp. do;

(45) 3-in. galv. steel pipe;

(46) Fencing (including posts, mesh, barbed wire and all necessary accessories).

Plans and specifications obtainable from the Constructing Quartermaster, Fort Mason, upon deposit of certified check in the amount of \$10, payable to the Finance Officer, Fort Mason; and from the Purchasing & Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H.

Captain H. B. Nurse, Purchasing and Contracting Officer, Hickam Field.

### 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

#### Bids Rejected—To Be Done by Day's Work

KEEPER'S QUARTERS, ETC. Cost, \$...  
BERKELEY, Alameda County, Cal.  
Aquatic Park.

Alteration of five existing wood and canvas tents to form U-shaped building to house keeper's quarters, lunch room, 36x24 ft., canoe storage room, and repair shop; new additional wood trusses, composition shingle roof, new roof sheathing, new siding, windows and doors, painting, plumbing and electrical work; men's and women's locker and rest rooms, etc.

Owner—City of Berkeley (Florence Turner, City Clerk).  
Lessee—Carl Zimmerman.  
Architect—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

The city council has rejected all bids received April 13 and will do the work by day labor. John Bartlett, Berkeley, submitted the lowest bid at \$5,616.

#### NEW BIDS WANTED

LOS ANGELES, Cal.—Until April 28, 10 A. M., new bids will be received by the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for machine shop and testing laboratory facilities at Berth 161, L. A. Harbor; PWA Docket No. 1206, Unit 6. Plans may be obtained from the harbor engineer, San Pedro City Hall. For F. Shelby submitted the previous low bid at \$119,791.

#### Proposed

MEMORIAL HALL \$40,- to \$50,000  
REDDING, Shasta Co., Calif.  
Veterans' Memorial Hall.  
Owner—City of Redding.  
Architect—Not Selected.

#### BIDS WANTED

LONG BEACH, Cal.—Until May 7, 10 A. M., bids will be received by the Long Beach city manager, 204 City Hall, Long Beach, for completion of the Veterans' Memorial Bldg. Plans and specifications may be obtained at the office of the City Engineer-Director of Public Service upon deposit of \$10. Bids will be taken as follows: (1) work complete; (2) heating and ventilating; (3) electrical. J. H. Davies, structural trial work. Geo. Kahrs, architect, engineer.

#### ONLY BIDDER

SAN FRANCISCO, Cal.—American Building Maintenance Co., 467 O'Farrell St., at \$400, submit only bid to the Department of Public Works, Room 251, City Hall, for cleaning entire brick and terra cotta exterior of the McCreery Branch Library on 16th St., between Sanchez and Noe Streets.

#### CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—George Swanstrom, 1615 75th Ave., Oakland, at \$3,192, awarded contract by the Alameda City Council, D. E. Dyer, City Clerk, for the removal of the City Hall tower.

#### Structural Steel Bids Opened

CENTRAL EXPOSITION TOWER  
Cost, \$

YERBA BUENA SHOALS Site of the 1939 World's Fair.  
Central Exposition Tower, approximately 400 ft. high with a 70-ft. outside base diameter structural steel frame, concrete foundation, pling, wood framing, and wood sheathing, wood frame decks with composition covering and plastered exterior.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 555 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Complete bids follow for furnishing and erecting 850 tons of structural steel for the tower:

Judson-Pacific Company, 609 Mission St., S. F. \$167,040  
B-blechum Steel Co., Alameda 173 100  
Moore Drydock Co., S. F. 174,086  
Independent Iron Works, Oakland, 185,000

Bids referred to the Public Utilities Commission.

Bids are now being received by the S. F. Public Utilities Commission, Room 247, City Hall, under S. F. Bay Exposition Contract No. 15, until April 27 3 p.m., for constructing the Central Exposition Tower, for which plans and specifications may be obtained from Room 605, 425 Mason St., Engineer I. T. McAfee, upon deposit of \$20.  
(1345) 1st report Jan 11 4th Apr

#### Bonds Defeated

CITY HALL  
KING CITY, Monterey Co., Calif.  
Broadway and Vanderhurst Aves.  
One-story reinforced concrete City Hall to house Council chambers, executive offices, library, fire department, police department and ball concrete floors, built-up roof, furnace in basement.

Owner—City of King City.  
Architect—Guy Kropp, P.O. Box 644 Carmel.

A proposal to issue \$85,000 in bonds to finance construction purchase of site, full equipment, etc., was defeated at a special election April 13, by a vote of 103 for and 172 against.

Plans Being Figured—2 Bids Close

April 28 8 P. M.  
ADDITION Cost, \$10,000  
Addition to Library Bldg (brick)

Owner—Coalinga Free Public Library 47 H. Robinson, Clerk, Board of Trustees, High School Building.  
Architect—W. D. Coates, 626 Rowell Bldg. Fresno.

Plans and specifications obtainable from the office of the architect or the clerk upon deposit of \$25.

#### Bonds Defeated

JAIL AND OFFICE Cost, \$150,000  
FRESNO, Fresno Co., Calif.  
Four-story and basement Class A concrete construction jail and office building (sheriff's office, District Attorney's office, Prothonotary Office, etc.).  
Owner—County of Fresno.

Architect—Allied Architects of Fresno—W. D. Coates, Jr., 623 Rowell Bldg., and H. Raaf and Lorne Helm Bldg., supervising architects (W. D. Coates, C. W. Franklin, H. Raaf, Lake, E. J. Kemp, Fred Swartz, and E. O. Patterson).

A proposal to issue \$450,000 in bonds to finance construction was defeated at a special election Apr 12

#### BIDS WANTED

SAN LUIS OBISPO, Calif.—Until April 26, 2 P. M., bids will be received by the County of San Luis Obispo, Gwen Marshall, county clerk, for reinforcing, glazing and ornamental iron; steel sash; steel structural partitions; incinerator, lathing and plastering; painting; plumbing, gas fitting and sewerage, electrical wiring, and heating in central and southern wings of a new tuberculosis unit being erected upon the grounds of the General Hospital, San Luis Obispo.

Plans prepared by Architects Walker and Eisen, 437 South Hill St., Los Angeles.

Plans and specifications may be obtained from the office of the architect, or from the county clerk's office, San Luis Obispo, upon deposit of \$15.00.

### 14—RESIDENCES

#### Contract Awarded

RESIDENCE Cost, Fr \$5,000  
BERKELEY, Alameda County, Calif.  
Berkeley Highlands.  
One-story frame and wood siding residence 15 rooms, gas fired, hot air heating system, shingle roof, hardwood floors, tile bath, etc.  
Owner—OttoENZ, late Architect.  
Architect—James H. Anderson, 3147 Claremont Ave., Berkeley.  
Contractor—Parsons & Williams, 2268 80th Ave., Oakland.

#### Completing Working Drawings

RESIDENCE Est. Cost, \$17,000  
SAN FRANCISCO, Calif., Marina Blvd.

Two-story and basement frame residence 10 rooms, 4 baths, brick, wood and stucco exterior, asbestos flange and composition roof, oak, plank floor, wall paper and canvas wall, tile baths, kitchen and pantry, gas-fired hot air heating system.

Owner—Name Withheld.  
Architect—Sidney A. Colton, 541 Market St.

Working drawings will be completed in about one week and general figures asked.

#### To Be Done By Day's Work

RESIDENCES Cost, \$1,000  
SAN FRANCISCO, On 27th St. and Ave., north of Ross St.  
Ten one-story and 1½-story and stucco residence.  
Owner & Builder—Name Withheld.  
No. 1500 Judah St., San Francisco.  
Architect—Name Withheld.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,500 each  
SAN FRANCISCO, W. Kittredge St.,  
south of Turk St.  
Eight two-story and basement frame  
and stucco residences.  
Owner & Builder—Oliver M. Rous-  
seau, Inc., 321 Kearny St.  
Architect—Wm. F. Gunnison, 1666  
Golden Gate Ave.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$5,500 each  
SAN FRANCISCO, W. 17th Ave.,  
north of Quintara St.  
Seven one-story and basement frame  
and stucco residences.  
Owner & Builder—R. F. Galli, 377 W.  
Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
St.

**To Be Done By Days Work**  
RESIDENCES Cost, \$25,000  
SANTA ROSA, Sonoma Co., Calif.,  
1100 block of Sonoma Avenue.  
Twenty-eight one-story frame resi-  
dences.  
Owner & Builder—Carl Sullivan,  
Oriole Avenue, Santa Rosa.  
Architect—Not Given

**Contract Awarded**  
RESIDENCE Cost, \$7,500  
BURLINGAME HILLS, San Mateo  
Co., Calif., L 27, Bk 4, Hillside  
Drive.  
Two-story frame and stucco resi-  
dence.  
Owner—Nelson E. Jones, 1472 High-  
way Road, Burlingame.  
Architect—Not Given.  
Contractor—Martin Peterson, 128  
Lorton Avenue, Burlingame.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, Calif., E 47th Ave  
237 ft. S of Geary Street.  
One-story and basement frame and  
stucco residence.  
Owner—Fred H. Lappe, 600 Fell St.  
Architect—Fabre & Hildebrand, 110  
Sutter St.  
Contractor—Carl Wengard, 546 San-  
some St.

**Contract Awarded**  
RESIDENCE Cost, \$8,000  
BURLINGAME HILLS, San Mateo,  
Calif., E 1/2 L 5, Bk 3, Hillside  
Drive.  
One-story frame and stucco resi-  
dence.  
Owner—L. K. Beshey, 1145 Cam-  
bridge Road, Burlingame.  
Architect—Not Given.  
Contractor—Lengfeld & Olund, Ltd.,  
220 Third Ave., San Mateo.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$9,000  
PALO ALTO, Santa Clara Co., Calif.,  
101 Firman Ave.  
One-story stucco and brick veneer  
residence and garage.  
Owner & Builder—A. J. Wilbe, 2451  
South Court, Palo Alto.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,000  
PALO ALTO, Santa Clara Co., Calif  
3223 Byron St.  
One-story frame and stucco resi-  
dence and garage.  
Owner & Builder—Stedman & Sted-  
man, 1818 Ervant St., Palo Alto.  
Architect—Not Given

**Plans Being Figured — Closing Date  
Not Set**  
RESIDENCE Cost, \$7,500  
FRESNO, Fresno Co., Calif. Univer-  
sity and Wishon.  
Frame and stucco residence (shingle  
roof).  
Owner—Victor E. Storli, 2114 College,  
Fresno.  
Architect—Frederick L. Swartz Brick  
Bldg., Fresno.

Following contractors are figuring  
the plans:  
T. C. and W. H. Irwin, 908 Mil-  
redge, Fresno.  
A. Jorgensen, 3728 Washington Av-  
enue, Fresno.  
Art Lambert, 1576 Poplar Avenue,  
Fresno.  
Roy Martin, 149 N. Calaveras St.,  
Fresno.  
Kelley R. Smith, 423 Cortland Ave.,  
Fresno.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,500 each  
SAN FRANCISCO, E. 33rd Ave., N  
of Rivera St.  
Seven one-story and basement frame  
and stucco residences.  
Owner—Golden Gate Investment Co.,  
437 Kearny St.  
Architect—Not Given.

**To Ask Sub Bids**  
RESIDENCE Cost, \$16,000  
HILLSBOROUGH, San Mateo Co.,  
Calif.  
Two-story frame and stucco resi-  
dence (9 rooms, 4 baths), formal  
French architecture, shingle roof,  
wood sash, gas-fired hot air  
heating system, tile baths, etc.  
Owner—Name Withheld.  
Architect—Leo J. Sharps, 1447 Bur-  
lingame Ave., Burlingame.  
Contractor—Lengfeld & Olund, Ltd.,  
220 Third Ave., San Mateo.  
The contractor will take sub bids  
about Monday.

**Completing Plans**  
RESIDENCE Cost, \$11,000  
SAN MATEO, Calif. Baywood.  
Two-story frame and stucco resi-  
dence (7 rooms), English architec-  
ture, shingle roof, wood sash,  
gas-fired hot air heating system,  
hardwood floors, tile baths, etc.  
Owner—Name withheld.  
Architect—Leo J. Sharps, 1447 Bur-  
lingame Ave., Burlingame.  
Contractor—Oscar L. Cavanaugh, 432  
Occidental Ave., San Mateo.

**Completing Plans**  
RESIDENCE Cost, \$13,500  
HILLSBOROUGH, San Mateo Co.,  
Calif.  
One-story frame residence (8 rooms,  
3 baths), English architecture,  
Oak floors, shake roof, tile baths,  
gas-fired hot air heating system,  
etc.  
Owner—Name Withheld.  
Architect—Leo J. Sharps, 1447 Bur-  
lingame Ave., Burlingame.  
Plans will be completed in about  
one week and figured by a selected  
contractor.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Calif., 1001  
Brookwood Road.  
Two-story frame and stucco resi-  
dence (6 rooms).  
Owner & Builder—Weldon H. War-  
ren, 3044 Dakota St.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,500  
BEPKELEY, Alameda Co., Cal. 737  
Keeler St.  
One-story frame residence (6 rooms).  
Owner & Builder—Milton S. Bonds,  
583 Spruce St., Berkeley.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Cal. 1896  
Leimert Blvd.  
Two-story frame residence (8 rooms)  
Owner & Builder—C. O. Plshel, 4276  
Fruitvale Ave.  
Architect—E. O. Blodgett, 1988 Hoov-  
er Ave.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$10,000  
PALO ALTO, Santa Clara Co., Cal.  
606 Santa Rita Ave.  
Two-story frame and stucco resi-  
dence; garage.  
Owner—A. C. Walker, San Jose.  
Architect—Not Given.  
Contractor—V. L. Stewart, 106 Rin-  
conada Ave., Palo Alto.  
Roofing—W. L. Davis, R.F.D. 2, Box  
323, Redwood City.  
Plumbing, Heating & Sheet Metal—  
Wallace & Stump, Mtn. View.  
Tile—C. L. Frost Roofing Co., 3159  
El Camino Real.  
Glass—West Coast Glass Co., 516  
High St.  
Hardwood Floors—A. Bachlund, 559  
Kingsley Ave.  
Grading—H. F. Jenecke, 775 Embar-  
cadero Road.  
Foundations—B. C. Hooker, 2725 Mid-  
delfield Road.  
Lumber—Merner Lumber Co., 795  
State Highway.  
Mill—Minton Lumber Co., 599 Front  
St., Mtn. View.  
Concrete—Steve Anderson & Son, 601  
Bridgeway Blvd.  
All of Palo Alto, unless otherwise  
noted.

**Bids In—Held Under Advertisment**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Broadway, near  
Divisadero St.  
Two-story frame and brick veneer  
residence (8 rooms, 4 baths), tile  
shingle or slate roof, oak floors,  
some tile flooring, tile baths.  
Owner—Dr. Miley Wesson.  
Architect—G. A. Dalley, 210 Post St.  
Announcement shortly.

**Contract Awarded**  
RESIDENCE Cost, \$9,900  
PIEDMONT, Ala. Co., Calif., Blair  
Avenue.  
Two-story frame and stucco resi-  
dence (7 rooms), split shake roof,  
hardwood floors, tile bath, gas  
fired heating plant.  
Owner—F. J. Yutich.  
Contractor—McKinney & Johnsen,  
5829 Marshall St., Oakland.  
Plans by Paul V. Tuttle, 3718  
Grand Avenue, Oakland.

**Completing Plans**  
RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co.,  
Calif.  
Two-story frame and stucco resi-  
dence (12 rooms, 4 baths), terra  
cotta tile roof, oil burning heat-  
ing plant, wood sash, hardwood  
floors, tile baths, etc.  
Owner—Sidney Miller.  
Architect—Harold G. Stoner, 35 Vic-  
ente St., San Francisco.

Plans will be completed and gen-  
eral figures asked from a selected  
list of contractors about May 1.

**Bids To Be Rejected**  
RESIDENCE Cost, \$.....  
WALNUT CREEK, Contra Costa Co.,  
Calif.  
New residence.  
Owner—Mrs. Paterson.  
Architect—Miller & Warnecke, Fin-  
ancial Center Bldg., Oakland.  
Bids will be rejected as they all  
run too high.

**Plans Being Figured**  
RESIDENCE Cost, \$5,600  
CROCKETT, Contra Costa Co., Cal.  
One-story frame residence with ex-  
terior boarding shake roof, hard-  
wood floors, tile bath, central  
heating plant.  
Owner—J. F. Monahan, 2434 Gaynor  
Avenue, Richmond.  
Architect—Firm of Narbett & Brown  
(Richmond, Arch.), 462 31st Ave.,  
Richmond.  
Owner is now receiving general  
figures from a selected list of con-  
tractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**RICHMOND**, Contra Costa Co., Calif.  
 One-story frame residence with exterior boarding, shingle roof, hardwood floors, tile bath, gas furnace.  
**Owner**—Mrs. Paxson.  
**Architect**—Firm of Narbett & Brown (I. Brown, Arch.), 462 31st Ave., Richmond.  
**Contractor**—Robert Johnson, 560 36 Street, Richmond.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**SAN JOSE**, Santa Clara Co., Calif. Calaveras Street.  
 One-story frame and stucco residence (7 rooms).  
**Owner**—E. M. Jefferson, 333 S 14th St., San Jose.  
**Architect**—Not Given.  
**Contractor**—Kocher Const. Co. Notre Dame and Carlyle Sts., San Jose.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$12,500  
**PIEDMONT**, Alameda Co., Calif. 33 Sharon Avenue.  
 Two - story frame and stucco residence (9 rooms).  
**Owner and Builder**—George Windass, 11 Sharon Ave., Piedmont.  
**Plans by** Irwin M. Johnson, 456 Van Dyke Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO**, San Juan and Cayuga Streets.  
 One - story frame and stucco residence (5 rooms) gas fired hot air heating system, composition shingle roof, hardwood floors, tile bath, etc.  
**Owner and Builder**—A. De Benedetti & Son, 100 Brazil Avenue.  
**Architect**—D. E. Jaekle, 126 Post St.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$5,500  
**PALO ALTO**, Santa Clara Co., Calif. Southgate Tract.  
 One-story frame and stucco residence, tile roof, hardwood floors, tile baths, gas fired hot air heating system, etc.  
**Owner**—R. Linsley.  
**Architect**—Irwin M. Johnson, 2219 7th Ave., Oakland.  
 Bids will be asked shortly.

**Plans Being Figured—Bids Close**  
**April 27, 4 P. M.**  
**RESIDENCE** Cost, \$18,000  
**SPOCKTON**, San Joaquin Co., Calif.  
 Two-story frame and stucco residence (10 rooms, 2 baths) shingle roof, hardwood floors, tile baths, oil burning hot air heating system, wood sash, etc.  
**Owner**—Ralph Hickinbotham.  
**Architect**—J. U. Cloudsley, Exchange Bldg., Stockton.  
 Bids are being received from a selected list of contractors.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$.....  
**RIO DEL MAR**, Santa Cruz Co., Cal.  
 One-story rustic residence (5 rooms, one bath) shake roof, hardwood floors, gas furnace.  
**Owner**—Mr. Graham, San Jose.  
**Architect**—Edward W. Kress, 402 1st National Bank Bldg., San Jose.  
 Bids can high. Announcement will be made shortly.

**Completing Plans**  
**RESIDENCE** Est. Cost, \$12,000  
**OAKLAND**, Alameda Co., Cal. Lakeshore Highlands.  
 Two - story frame and stucco residence (8 rooms) shingle roof, gas-fired hot air heating system, hardwood floors, tile baths, wood sash, etc.  
**Owner**—Withheld.

**Architect**—W. E. Schirmer, 427 13th St., Oakland.  
 Plans will be completed in about one week.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$4,500 each  
**SAN FRANCISCO**, E. 19th Ave., S of Rivera St.  
 Two one-story and basement frame and stucco residences.  
**Owner & Builder**—Jas. A. Arnott, 633 Taraval St.  
**Architect**—Not Given.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO**, W. 25th Ave., S of Kirkham St.  
 Three one-story and basement frame and stucco residences.  
**Owner & Builder**—C. T. Lindsay, 820 Taraval St.  
**Architect**—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**SAN FRANCISCO**, W. Montclair Terrace, 106 ft. N of Lombard St.  
 One - story and basement frame and stucco residence.  
**Owner**—E. M. Nicholson, 1550 Clay St.  
**Architect**—Not Given.  
**Contractor**—Jas. U. McCabe, 716 Union St.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
**BERKELEY**, Alameda Co., Cal. 1769 Spruce St.  
 Two - story frame and stucco residence (6 rooms), garage.  
**Owner**—J. A. Villoch.  
**Architect**—E. O. Snyder, 2104 Addison St.  
**Contractor**—Edw. M. Sorensen, 1907 Parker Ave.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$6,378  
**ALAMEDA**, Calif. 2401 San Jose Ave.  
 Alterations to residence.  
**Owner**—M. C. Ryan, San Francisco.  
**Architect**—A. B. Denke, Broadway Bldg., Oakland.  
**Contractor**—A. R. Boyce, 345 51st St.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,300  
**BAKERSFIELD**, Kern Co., Calif.  
 New residence.  
**Owner**—Dr. Vigarlo.  
**Architect**—C. C. Cullimore, 110 Oleander St. Bakersfield.  
**Contractor**—W. K. Michael, 600 Bernard, Bakersfield.

Following sub-contracts have been awarded:  
**Plumbing**—Roy R. Foley, 1801 Quincy St., Bakersfield.  
**Electric**—Advance Electric Co., 909 18th St., Bakersfield.  
**Plaster**—F. E. Davis, 1319 26th St., Bakersfield.  
**Tile**—O. W. McNay, 1669 1/2 Chester, Bakersfield.  
**Painting**—Peckham & Foster, Bakersfield.  
**Floors**—O. W. Newman, 1713 Second St., Bakersfield.  
**Heating**—W. M. Fisher, 2606 Chester Ave., Bakersfield.  
**Sheet Metal**—Wilson Sheet Metal Works, 1019 19th St., Bakersfield.

**Contract Awarded**  
**RESIDENCE** Cost, \$4,900  
**SAN JOSE**, Santa Clara Co., Calif. Hobson Street.  
 One - story wood frame and stucco residence (6 rooms, 1 bath) wood and plaster interior partitions, cedar shingle roof, oak floors, gas fired heating system, etc.)  
**Owner**—Miss Lola Chan, San Jose.  
**Architect**—Higgins & Root (Chester Root, Architect) Security Bldg., San Jose.

**Contractor**—V. J. Sunzert, 176 North 31st St., San Jose.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**PALO ALTO**, Santa Clara Co., Calif. 181 Coleridge Avenue.  
 Two - story frame and stucco residence and garage.  
**Owner**—W. E. Graham, 440 Coleridge Ave., Palo Alto.  
**Architect**—Not Given.  
**Contractor**—Aro & Okerman, Box 433 Palo Alto.

**Owner Now Taking Bids**  
**RESIDENCE** Cost, \$9,000  
**SAN MATEO**, San Mateo Co., Calif. Baywood.  
 Two - story frame and brick veneer residence (7 rooms) Colonial architecture, shingle roof, hardwood floors, tile baths, gas-fired hot air heating system, wood sash, etc.  
**Owner and Builder**—E. L. Dodds, 118 4th St., San Francisco.  
**Architect**—D. E. Jaekle, 126 Post St., San Francisco.

**Owner Now Taking Sub-Bids**  
**RESIDENCE** Cost, \$1,000  
**SANTA CLARA**, Santa Clara Co., Calif. Hillmar Ave. near The Alameda.  
 One - story frame and stucco residence (five rooms) wood sash, shake roof, gas-fired hot air heating system, hardwood floors, tile bath, etc.  
**Owner**—P. J. Pasetta, 2390 Park Ave. Santa Clara.  
**Architect**—D. E. Jaekle, 126 Post St., San Francisco.

**Contract Awarded**  
**DUPLEX RESIDENCE** Cost, \$10,000  
**FRESNO**, Calif. 1227 R St.  
 Duplex residence and garage.  
**Owner**—L. N. Patterson.  
**Architect**—Not Given.  
**Contractor**—L. B. Pipes, 925 Echo St.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**PIEDMONT**, Alameda Co., Calif. 341 Jerome Ave.  
 Two - story frame and stucco residence (7 rooms); garage.  
**Owner**—A. J. Tigard, 2415 Haven-court.  
**Architect**—Not Given.  
**Contractor**—Chris Tollefsen, 1755 High St.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**PIEDMONT**, Alameda Co. Calif. 519 Blr Ave.  
 Two-story frame and stucco residence (8 rooms); garage.  
**Owner**—F. J. Youell, 3907 Telegraph Ave.  
**Architect**—Not Given.  
**Contractor**—McKinney & Johnson, 3228 Loma Vista Ave.

**Contract Awarded**  
**RESIDENCE** Cost, \$28,500  
**PIEDMONT**, Alameda Co., Calif. 161 Estates Drive.  
 Two - story frame and stucco residence (12 rooms) and garage.  
**Owner**—W. A. Bechtel, Jr., 230 Sandringham Way, Piedmont.  
**Architect**—Miller and Warnock, Financial Center Bldg., Oakland.  
**Contractor**—A. A. Hackett, 255 Ruby way, Piedmont.

**Contract Awarded**  
**RESIDENCE** Cost, \$28,500  
**PIEDMONT**, Alameda Co., Calif. 161 Estates Drive.  
 Two - story frame and stucco residence (12 rooms) and garage.  
**Owner**—W. A. Bechtel, Jr., 230 Sandringham Way, Piedmont.  
**Architect**—Miller and Warnock, Financial Center Bldg., Oakland.  
**Contractor**—A. A. Hackett, 255 Ruby way, Piedmont.

**Plans Being Prepared**  
**RESIDENCE** Cost, \$10,500  
**SAN FRANCISCO**, Montevideo Heights  
 Two-story frame residence (7 rooms, 2 baths, and separate lavatory).  
**Owner & Builder**—Home Bldg. Service Co., 101 Post St., San Francisco.  
**Architect**—Mark Daniels, 101 Post St., San Francisco.

Plans Being Figured — To Close  
May 5, 5 P. M.  
RESIDENCE Cost, \$16,000  
HILLSBOROUGH, San Mateo Co.,  
Calif.

Two-story frame and stucco residence (9 rooms, 4 baths), hardwood floors, tile baths, gas warm air heating system, shake roof.

Owner—Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Plans are being figured by the following selected list of contractors:

H. T. Holsler, 325 Elm St., San Mateo.

A. E. Orton, 151 Harriett Avenue, Palo Alto.

C. J. Pedersen, 734 Prospect Row, San Mateo.

Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

Harold Gray, 1307 Bay St., San Francisco.

Moses Little, 2546 27th Ave., San Francisco.

Bids Rejected  
RESIDENCE Est. Cost, \$35,000  
SAN RAFAEL, Marin Co., Cal. Golf Club Tract.

Two-story and basement frame and stucco residence (12 rooms and 4 baths) the roof tile terraces, tile baths, steam heat, concealed radiation, 3-car garage.

Owner—H. Walton.

Architect—S. Heiman, 605 Market St. San Francisco.

All bids were rejected as too high. Plans will be revised and new figures taken.

Bids Opened  
RESIDENCE Cost, \$ .....  
SONOMA COUNTY, Cal. Near Sebastopol, Graton District.

One-story frame and stucco residence (ten rooms) shake roof, oil burning hot air conditioning system, hardwood floors, tile baths, etc.

Owner—Oscar Hallberg.

Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—Sam Swindler 353 Florence Ave., Sebastopol, \$9,600.

Complete bids follow:

Sam Swindler, Sebastopol..... \$9,600

E. Ahlstrom, Santa Rosa..... 9,900

H. H. Chinneck, Sebastopol..... 10,132

D. D. Downey, Sebastopol..... 10,965

As bids were taken on four alternates, award of contract may be affected by selection of same.

Bids in—Under Adjudgment  
RESIDENCE Cost, \$ .....  
SAN MATEO, San Mateo Co., Calif.

One-story frame and stucco residence, shake roof, warm air gas fired heating system, wood sash, hardwood floors, tile baths, etc.

Owner—Name Withheld.

Architect—John K. Ballantine, Jr., 137 Harlan St., San Francisco.

Bids have been taken under advertisement by the owner.

Plans Being Prepared  
RESIDENCE Cost, \$9,000  
SAN FRANCISCO, Monterey Hights.

One and one-half story frame residence (6 rooms, 1 bath), garage underneath house.

Owner & Builder—Home Bldg. Service Co., 101 Post St., San Francisco.

Architect—Mark Daniels, 101 Post St., San Francisco.

Plans Being Prepared  
RESIDENCE Cost, \$11,500  
SAN FRANCISCO, Monterey Hights.

Two-story frame residence (4 bedrooms, 3 baths).

Owner & Builder—Home Bldg. Service Co., 101 Post St., San Francisco.

Architect—Mark Daniels, 101 Post St., San Francisco.

Plans Being Prepared  
RESIDENCE Cost, \$13,000  
SAN FRANCISCO, Monterey Hights.

Two-story frame and concrete residence (8 rooms, 2 baths, and separate lavatory).

Owner & Builder—Home Bldg. Service Co., 101 Post St., San Francisco.

Architect—Mark Daniels, 101 Post St., San Francisco.

Contract Awarded  
ADDITION Cost, \$ .....  
VALLEY SPRINGS, Calaveras Co., Calif.

Alterations and additions to stone residence (shingle roof, air conditioning and hot air heating system, new plumbing, brick veneer, etc.).

Owner—Withheld.

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Contractor—Fred Bender, 104 South Washington St., Lodi.

Contract Awarded  
RESIDENCE Cost, \$7,500  
SAN FRANCISCO, N Cragmont 120 E 12th Avenue.

Two-story and basement frame and stucco residence.

Owner—J. Kunz, 1226 3rd Avenue.

Architect—Not Given.

Contractor—M. Smith, 536 Belvedere Street.

Being Done By Day's Work  
RESIDENCES Cost, \$4,500 each  
SAN FRANCISCO, E 18th Ave. 300 S of Pacheco Street.

Seven one-story and basement frame and stucco residences.

Owner & Builder—Henry Doelger Builder, Inc., 320 Judah Street.

Architect—Not Given.

Bids in—Held Unopened  
RESIDENCE Cost, \$11,500  
HILLSBOROUGH OAKS, San Mateo Co., Calif.

One-story wood rustic residence; shake roof, hardwood floors, tile bath, gas warm air heating system, etc.

Owner—Name Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Plans were figured by the following selected list of contractors:

H. T. Holsler, 325 Elm St., San Mateo.

C. J. Pedersen, 734 Prospect Row, San Mateo.

A. E. Orton, 151 Harriett Ave., Palo Alto.

A. A. White, 744 Crossway Road, Burlingame.

Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

Harold Gray, 1307 Bay Street, San Francisco.

Bids are being held unopened until Saturday, pending return of owner.

Contract Awarded  
RESIDENCE Cost, \$8,000  
PALO ALTO, Santa Clara Co., Calif.

One-story frame and stucco residence and garage.

Owner—F. L. Crist, 505 Emerson St. Architect—Not Given.

Contractor—A. A. Smith, 130 Byron St.

Contract Awarded  
RESIDENCE Cost, \$11,000  
PIEDMONT PINES, Alameda Co., Calif.

Two-story and basement frame residence (7 rooms and 2 baths) shake roof, wood sash, hardwood floors, tile baths, etc.

Owner—R. F. D. Le Mon.

Architect—Ed. Musson Sharpe, 111

Sutter St., San Francisco.  
Contractor—W. P. Johnston, 2639 Dana St., Berkeley.

Contract Awarded  
RESIDENCE Cost, \$11,000  
PIEDMONT PINES, Alameda Co., Calif. Cornwall Court.

Two-story and basement frame residence (7 rooms and 2 baths) tile roof, wood sash, hardwood floors, tile baths, etc.

Owner—R. F. D. Le Mon.

Architect—Ed. Musson Sharpe, 111 Sutter St., San Francisco.

Contractor—Allen & Allen, 3471 Laurel Ave., Oakland.

Completing Plans  
RESIDENCES Cost, \$45,000  
SAN FRANCISCO, Vallejo Street.

Two 2-story and basement frame and brick veneer residences (gas fired, and oil fired heating systems, composition and alata and shingle tile roofs, wood sash, tile baths, etc).

Owner—Withheld.

Architect—Ed. Musson Sharpe, 111 Sutter Street.

Plans will be completed and general figures taken from a selected list of contractors in about 2 weeks.

## 15—SCHOOLS

BIDS WANTED  
SAN FRANCISCO—Until May 5, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for general construction of miscellaneous fittings and equipment for the Agassiz School, Bartlett St., between 22nd and 23rd Sts. Estimated cost, \$18,000.

Specifications may be obtained from the office of City Architect C. N. Sawyer, Room 265, City Hall, upon deposit of \$10.

Award Recommended  
RECONSTRUCTION  
CROCKETT, Contra Costa Co., Calif. Reconstruction of Academic Building at John Swett High School.

Owner—Crockett School District.

Engineers—Dewell & Earl, 55 New Montgomery St., San Francisco.

Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St., San Francisco—\$176,725.

Recommendation has been made to the PWA that contract be awarded the C. L. Wold Construction Co. under proposition (1) work complete, and (2) addition for window hardware.

Bond Election  
SCHOOL ADDITION Cost, \$35,000  
CHOWCHILLA, Madera Co., Calif.

One-story frame and stucco assembly hall and classroom building (wood shingle roof).

Owner—Chowchilla Grammar School District.

Architect—Frederick L. Swartz, Brx Bldg., Fresno.

An election will be held April 27 to vote bonds to finance construction.

Preliminary drawings are now being prepared.

CONTRACTS AWARDED  
COALINGA, Fresno Co., Cal.—Ayers Electric Co., Inc., Coalinga, and Davis Electric Co., Coalinga, at \$390 each, awarded contracts by Coalinga Union High District, each contractor to illuminate one tennis court at the high school grounds.

Bids were taken for illuminating two courts and complete bids received on that proposition as follows:

Ayers Electric Co., \$572.93; deduct \$100 if overhead wiring is used.

Davis Electric Co., \$723, or \$1,400 for two additional courts.

Due to the fact that specifications

were misinterpreted, all bids were cancelled, as submitted, and by consent of the two bidders, above joint award was made.

#### CONTRACT AWARDED

FULLERTON, Orange Co., Calif.—Wm. J. Shirley, 1724 S. Vermont Ave., Los Angeles, awarded contract by Fullerton Junior College District, at \$135,886, for constructing an administration and social science building on the Fullerton junior college site, a PWA project. Harry K. Vaughn, architect. Construction will start about April 27.

Plans Being Figured — Bids Close May 4, 8 P. M.

SCHOOL Cost, \$30,000  
BAKERSFIELD, Kern Co., Calif.  
Two classrooms, wood shop and lunch room (wood frame and stucco construction, tile roof, staple sash, maple floors, air conditioning, etc.).

Owner—Belridge School District (C. E. Coleston, Clerk).  
Architect—Symmes & Willard; Stanton Willard, architect; Ira W. Hoover, architect, consultant; 215 Haberfelde Bldg., Bakersfield.  
Plans and specifications obtainable from the office of the architect upon deposit of \$10.

Plans Being Prepared Cost, \$100,000  
SCHOOL FOWLER, Fresno Co., Calif. Fourth and Tulumene Streets.

New academic bldg. (ten classrooms auditorium to seat 650, offices, library and domestic science room) L-shaped structure; concrete and frame construction.  
Owner—Fowler Elementary School District (W. T. Dice, Clerk).  
Architects—Charles H. Franklin, 416 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.  
A bond issue of \$93,000 carried at a special election held last month. Application will be filed with PWA for a grant of 45%.

To Ask Bids Shortly  
ADDITIONS Cost, \$19,000  
BAKERSFIELD, Kern Co., Calif.

Additions and alterations to boys' and girls' toilet rooms; reinforced concrete and brick veneer, tile roof, air conditioning, etc.  
Owner—Lerdo School District.  
Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.  
Bids will be asked shortly.

Bid Opening Date Postponed Until April 23, 10:30 A. M.

ADDITION TO SCHOOL \$75,000  
SAN FRANCISCO, Saint Monica's School (Rev. Wm. J. Cantwell, Rector), 24th Ave. and Geary St.  
Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x 91 ft.); six classrooms and assembly hall, with gymnasium in basement.

Owner—Archbishop of San Francisco, 100 Franklin St.  
Architect—Arnold Constable, 580 Market Street.  
Structural Engineer—Kaj Theill, 580 Market St.  
Mechanical Engineer—George E. Atkins, Hobart Bldg.

Bids will be received at the office of the Archbishop from the following selected list of contractors:  
Cahill Bros., Inc., 206 Sansome St.  
Monson Bros., 475 Sixth St.  
Barrett & Hilp, 918 Harrison St.  
Larson & Larson, 629 Bryant St.  
Robert McCarthy, 1363 14th Ave.  
Moore & Roberts, 693 Mission St.  
Frank J. Reilly, 6350 Fulton St.  
All of San Francisco.  
Opening date postponed from April 21.

#### LOW BIDDERS

LOS ANGELES, Cal.—O. T. Moore 949 W. Highland, Santa Ana, submitted low bid to the Lowell Joint School District of Los Angeles and Orange Counties at \$98,800, for construction of a reinforced concrete auditorium building and repairs to classroom building at the Lowell school located three miles west of La Habra, a PWA project. Richard M. Bates, Jr., Los Angeles, architect.

#### LOW BIDDERS

LOS ANGELES, Cal.—Kurt Lipschutz, 169 N. La Brea Ave., Los Angeles, submitted apparent low bid to the Beverly Hills Unified School District at \$33,600 for construction of improvements and additions at the Beverly Hills high school. Edward C. and Ellis W. Taylor, Los Angeles, architects.

Working Drawings Being Prepared  
LOCKER ROOM Cost, \$25,000  
CORCORAN, Kings C., Calif.

One-story reinforced concrete boys' locker room addition at High School gymnasium (27 x 102 ft.).  
Owner—Corcoran Union High School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Application has been filed with the PWA for a grant to assist in financing. A bond issue of \$15,070 was approved March 15.

#### BIDS WANTED

INDIO, Riverside Co., Calif.—Until May 7, 7:30 P. M., bids will be received by the Indio School District for construction of a reinforced concrete addition to the Roosevelt grammar school in Indio. Estimated cost, \$75,000. G. S. Wilson, Mission Inn, Riverside, architect.

#### LOW BIDDER

LOS ANGELES, Cal.—N. A. Anderson, 111 W. 7th St., submitted the low bid to Los Angeles board of education at \$45,462, for construction of a cafeteria building and two standard two-unit shop buildings at the Verdugo Road district junior high school. A. S. Nibecker, Jr., architect.

#### BIDS WANTED

KERN COUNTY, Cal.—Until May 5, 7:30 P. M., bids will be received by the Lost Hills School District, Kern County, for construction of a new reinforced concrete school bldg. of 4 classrooms; estimated cost, \$63,000. Plans and specifications may be obtained at the office of Perrine & Mackie; Herbert E. Mackie, architect 908 Western Pacific Bldg., Los Angeles, upon deposit of \$25.

Bond Election  
SCHOOL Cost, \$40,000  
ARVIN, Kern Co., Calif.

New school buildings, alterations and repairs to existing buildings, school furniture, grounds improvement, etc.  
Owner—Arvin Grammar School District.  
Architect—Not Given.

An election will be held April 27 to vote on a proposal to issue \$40,000 in bonds to finance construction work.

Estimates Submitted  
ADDITIONS Cost, \$200,000  
VALLEJO, Solano Co., Calif.

New administration building, science building, an girls' gymnasium building at high school; a one-classroom addition at an elementary school; and a two-classroom addition and auditorium extension at an elementary school.  
Owner—Vallejo Unified School District.

Architect—John J. Donovan, 950 Parker St., Berkeley.

Preliminary sketch plans for purpose of estimating requirements at various schools and cost estimates have been submitted to the School District by Mr. Donovan. A bond election will have to be called to raise funds to finance construction.

Plans Being Figured — Bids Close April 28, 8 P. M.

SCHOOL ADDITION Cost, \$30,000  
COALINGA, Fresno Co., Calif.  
South wing of Junior College, on present High School site (concrete construction).  
Owner—Coalinga Union High School District (T. H. Robinson, Clerk Board of Trustees, High School Building).

Architect—W. D. Coates, 626 Rowell Bldg., Fresno.  
Plans and specifications obtainable from the office of the architect or the clerk, upon deposit of \$25.

Preparing Preliminary Drawings  
SCHOOL ADDITION Cost, \$35,000  
CHOWCHILLA, Madera Co., Calif.

One-story frame and stucco assembly hall and classroom building.  
Owner—Chowchilla Grammar School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
An election will be held to vote sufficient bonds to finance construction.

Working Drawings Being Completed  
ALTERATIONS Cost, \$.....  
LODI, San Joaquin Co., Calif.

Alterations to heating system in Lincoln School.  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.  
Bids probably will be asked in about one month.

Working Drawings Being Completed  
ADDITION Cost, \$.....  
LODI, San Joaquin Co., Calif.

One-story frame and stucco unit at Needham School (10 classrooms, library and shop addition), flat roof.  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.  
Bids probably will be asked in about one month.

#### BOND ELECTION

UPPER LAKE, Lake Co., Calif.—Upper Lake Union School District will vote on April 30 on a proposal to issue bonds in the amount of \$12,000, proceeds to finance: (1) construction of purchasing of school buildings; (2) alterations and additions to school buildings; (3) furnishing of school buildings; (4) permanent improvement of school grounds.

Working Drawings Being Completed  
ADDITION Cost, \$.....  
LODI, San Joaquin Co., Calif.

One-room addition to Garfield School (brick veneer construction).  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce Street, Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.  
Bids probably will be asked in about one month.

(1500) 1st report Feb 10; 3rd, April 1, 1937.

**Working Drawings Being Completed**  
**ADDITION** Cost, \$.....  
 LODI, San Joaquin Co., Calif.  
 Additions and alterations to Emerson  
 School.

Owner—Lodi Grammar School Dist.  
 Architect—Peter Sala, 2130 N. Com-  
 merce Street, Stockton.

Work will be financed by proceeds  
 of a \$125,000 bond issue voted March  
 18.

Bids probably will be asked in  
 about one month.

**Contract Awarded**  
**ADDITION** Cont. Price, \$17,747  
 YREKA, Siskiyou Co., Calif.  
 Two-room addn. to Tule Lake High  
 school.

Owner—Siskiyou U. H. S. Dist. (E.  
 H. Kaupp, clerk; J. E. Hurley,  
 superintendent).

Architect—Starks & Flanders, Bank  
 of America Bldg., Sacramento.  
 Contractor—F. H. Neilson, 96 Eighth  
 St., Orland.

Complete bids follow:  
 F. H. Neilson, Orland.....\$11,747  
 E. P. Brosterhouse, Tulelake, 11,819  
 Albert Young, Yreka, 11,850  
 Melvin Cherry, Tulelake.....12,980  
 Karl Gentry, Tulelake.....13,687

**Bond Election Planned**  
**SCHOOL** Cost, \$100,000  
 NILES, Alameda Co., Calif.  
 New grammar school.  
 Owner—Niles Grammar School Dis-  
 trict.

Architect—Not Selected.  
 The Niles School District will vote  
 bonds in the near future in the  
 amount of \$100,000, proceeds to fi-  
 nance construction of new grammar  
 school.

**Preparing Working Drawings**  
**ADDITION** Cost, \$50,000  
 WOODLAND, Yolo Co., Calif.  
 One-story reinforced concrete wing  
 addition to Administration Bldg.,  
 at Woodland High School.

Owner—Woodland High School Dis-  
 trict.  
 Architect—Dragon & Schmidts, 2068  
 Allston Way, Berkeley.

Plans are expected to be completed  
 about the first of June.

## 16—BANKS, STORES AND OFFICES

**Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$6,000  
 SAN FRANCISCO, 333 Montgomery.  
 Alterations to office building.

Owner—Louis E. Leigh.  
 Architect—W. D. Peugh, 333 Mont-  
 gomery Street.

Engineer—F. W. Kellberg, 320 Mar-  
 ket Street.

Contractor—Cahill Bros., 206 San-  
 some Street.

Electric—Alta Electric Co., 467 O'-  
 Farrell St.

Plumbing & Heating—J. H. Pinker-  
 ton Co., 627 Howard St.

Lumber—J. H. McCallum, 748 Bry-  
 ant St.

Reinf. Steel—Truscon Steel Co., 604  
 Mission St.

Placing of Reinf. Steel—J. Phillip  
 Murphy, 2901 Mission St.

**Planned**  
**ALTERATIONS** Cost, \$5,500  
 SAN FRANCISCO, 2559 Mission St.  
 Alter store.

Owner—Sherman Play & Co., Sutter  
 and Kearny Streets

Architect—Not Given

**Planned**  
**STORE BLDG** Cost, \$.....  
 YUBA CITY, Sutter Cal. Scott  
 and Plumas Streets  
 One-story building to contain four  
 stores (54x110-ft.)

Owner—G. F. Otis, Yuba City.

Architect—Not Given.  
 Construction is expected to com-  
 mence immediately.

**Being Done By Day's Work**  
**ALTERATIONS** Cost, \$8,000  
 SAN FRANCISCO, 1108-A Market.  
 Alter restaurant in Federal Hotel.  
 Owner—Bank of America.  
 Architect—Not Given.

**Contract Awarded**  
**STORE BLDG** Cost, \$20,500  
 SACRAMENTO, Calif. 2558 Fifth St.  
 Store building.  
 Owner—Farmers' Market Produce  
 Bldg., 911 Fifth St.  
 Architect—Not Given.  
 Contractor—W. R. Saunders, 2614 I  
 St.

**Plans Being Figured — To Close**  
**April 30, 2 P. M.**

**STORE BUILDING**  
 Estimated Cost, \$17,000  
 SAN FRANCISCO, Sutter & Steiner  
 Streets.  
 Two-story frame store building con-  
 sisting of four stores and lofts.  
 Owner—Wichheld.

Architect—A. A. Cantin, 64 Pine St.  
 Plans are being figured by the fol-  
 lowing selected list of contractors:  
 Miller Construction Co., 3917 Mis-  
 sion St.  
 Store & Roberts, 693 Mission St.  
 Salth Bros., 25 Taylor St.  
 Mike Vukicevich, 666 Mission St.  
 A. J. Hopper, 1769 Pleasant Valley  
 Ave., Oakland.  
 J. Kramer, 1906 Steiner St.

**COMPLETING WORKING  
 DRAWINGS**

LOS ANGELES, Cal.—Architect A.  
 C. Martin, 233 Higgins Bldg., is com-  
 pleting working drawings for a 3-  
 story and basement Class A ware-  
 house and office building (215x161-  
 ft.) to be erected on Vignes Street  
 between Banning and Turner Streets  
 for the General Electric Co., 5201  
 Santa Fe Ave., Paul Jeffers, struc-  
 tural engineer; E. L. Ellingwood,  
 mechanical engineer. Upon comple-  
 tion of plans bids will be taken for  
 general construction, electrical equip-  
 ment, elevators and ventilating.

**To Award Contract Shortly**  
**STORE** Cost, \$15,000  
 STOCKTON, San Joaquin Co., Calif.  
 Pacific Avenue.

One-story reinforced concrete store  
 building to contain four stores  
 (4,000 sq. ft.).

Owner—N. Flor.  
 Architect—Peter Sala, 2130 N. Com-  
 merce St., Stockton.  
 Low Bidder—Wm. J. Scott, 1661 W.  
 Poplar St., Stockton.

**Plans Being Figured — To Close**  
**May 6**

**ALTER OFFICE BUILDING**  
 Cost, \$.....

BERKELEY, Alameda County, Calif.  
 Shattuck and Center Avenues.  
 Alterations to the Mercantile Bank  
 Bldg. (remove exterior projecting  
 cornice, plaster and paint exter-  
 ior, new entrance).

Owner—Pacific States Savings &  
 Loan Co., 745 Market St., San  
 Francisco.

Architect—James W. Plachek, 511  
 Mercantile Bank Bldg., Berkeley.

Bids will be received by the owner.  
 Following is a partial list of con-  
 tractors invited to submit bids:

F. T. Tulloch, 335 8th St., Oakland.  
 W. E. Lyons Construction Co., 2009  
 Pacific Ave., Alameda.  
 Swinerton & Swinerton, Inc., 625  
 Standard Oil Bldg., San Francisco.  
 D. L. Bienfeld, 666 Mission St., San  
 Francisco.

H. H. Larsen Co., 64 South Park,  
 San Francisco.

**Bids Opened**  
**STORE BUILDING** Cost, \$25,000  
 SACRAMENTO, Sacramento Co., Cal.  
 8th St., bet. J and K Sts.

One-story reinforced concrete and  
 brick store building (four stores),  
 composition roofing, steel sash,  
 cement floors, structural and  
 plate glass fronts, etc.

Owner—Campbell Estate.  
 Architect—Breo Freeman, Security  
 Bldg., Pasadena.

Low Bidder—W. C. Keating, 1121 24th  
 St., Sacramento.

Complete bids follow:  
 W. C. Keating, Sacramento... \$23,950  
 H. W. Rohertson, Sacramento, 24,450

**Contract Awarded**  
**OFFICE & SALESROOM** Cost, \$.....  
 VISALIA, Tulare Co., Calif.  
 Frame office, salesroom and yard  
 buildings.

Owner—Sequoia Lumber Co., Visalia.  
 Architect—David H. Horn, 433 Row-  
 ell Bldg., Fresno.

Contractor—Sterling Smith, 605 S.  
 Locust St., Visalia.

**Preliminary Plans Completed**  
**AUTO SHOWROOM** Cost, \$10,000  
 FRESNO, Fresno Co., Calif. "N" and  
 Fresno Streets.

Reinforced conc. automobile sales  
 showroom building (modernistic)  
 plate glass front, etc.

Owner—James W. McAllister, Inc.,  
 Fresno and N Sts., Fresno.

Architect—Frederick L. Swartz, Brix  
 Bldg., Fresno.

Bids will be taken shortly from a  
 selected list of contractors.

**Preparing Preliminary Plans**  
**STOCK BROKER'S OFFICE**

Cost, \$.....  
 SAN FRANCISCO, Russ Bldg., Pine  
 and Montgomery Sts.

Install new stock broker's office.  
 Owner—Walston & Company, Russ  
 Bldg.

Architect—Lent & Hass, Underwood  
 Bldg.

**Plans Being Figured—Bids Close**  
**About April 30.**

**BANK** Cost, \$90,000  
 SACRAMENTO, Sacramento County,  
 Cal. Tenth St. bet. J and K Sts.

One-story reinforced concrete bank  
 bldg. (polished granite base on  
 exterior, bronze window and door  
 trimmings; terrazzo floors).

Owner—American Trust Company,  
 464 California St., San Francisco.

Architect—Harry J. Devine, Cronan  
 Bldg., Sacramento.

Plans are being figured by a se-  
 lected list of contractors.

**Preparing Working Drawings**  
**MARKET** Cost, \$20,000  
 STOCKTON, San Joaquin Co., Calif.

122 Harding Way and Commerce  
 Street.

One-story brick or concrete market  
 building (70 x 90 ft.), plaster ceil-  
 ing, composition roof, concrete  
 floors, ultra-modern in design.

Owner—C. F. Vining, Sacramento.  
 Architect—Frank J. Mayo, 108 E.  
 Miner St., Stockton.

Working drawings will be com-  
 pleted in about two weeks.

**Contract Awarded**  
**LAUNDRY** Cost, \$9,000  
 SANTA ROSE, Santa Clara Co., Calif.

One-story reinforced concrete laun-  
 dry building (150 x 27 ft.), con-  
 crete floors, composition roof.

Owner—Mr. E. Dalmon.  
 Architect—Binder & Curtis, 35 West  
 San Carlos St., San Jose.

Contractor—W. M. Caldwell, 1241  
 Hedding St., San Jose.



**Plans Completed**  
**ALTERATIONS** Cost, \$300,000  
**FRESNO**, Fresno Co., Calif., NE Cor. Fulton and Fresno Streets.

Alterations to Cory Bldg. (construct mezzanine-like floor surrounding large wall from main floor to ceiling; re-decorate interior, install elevators and heating and cooling system; addition of exterior marble).

Owner—Cory Estate, Ben H. Cory, Manager.  
 Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.  
**Contractor**—Fisher & McNulty, 327 Cory Bldg., Fresno.  
 Plans have been completed and construction is now under way.

**Contract Awarded**  
**ALTERATIONS** Cost, \$5,000  
**SAN FRANCISCO**, SW Cor. Bush and Franklin Sts.  
 Alter tire station.  
 Owner—Louis R. Lurie, 333 Montgomery St.  
 Architect—W. D. Peugh, 333 Montgomery St.  
**Contractor**—Cahill Bros., 206 Sansome St.

**Plans Being Figured — No Closing Date Set**

**MEDICAL BUILDING**, Cost, \$10,000  
**MADERA**, Madera Co., Calif. Lake and Yosemite Streets.  
 Frame and stucco Medical Building.  
 Owner—Dr. Kenneth W. Butler, 133 E. Yosemite, Madera.  
 Architect—Glass & Butner, Mattei Bldg., Fresno.

Following contractors are among those figuring the plans:  
 R. Pedersen, 446 Clark St., Fresno.  
 P. B. Younger, 818 Clinton Avenue, Fresno.  
 Kelley R. Smith, 423 Cortland Ave., Fresno.

**Plans Being Figured**  
**BANK** Cost, \$.....  
**NEWPORT BEACH**, Orange Co., Cal. Central Ave. and 22nd St.

Reinforced concrete bank building (39 x 65 ft.).

Owner—Capital Co., 643 S. Olive St., Los Angeles.

Plans by architectural department of owner.

**Contract Awarded**  
**ADDITION** Cost, \$8,500  
**SAN JOSE**, Santa Clara Co., Calif. Cinnabar Street.

Alter industrial building.  
 Owner—Pacific Brewing & Malting Co., 1075 Cinnabar Street.  
 Architect—Not Given.  
**Contractor**—Cahill Bros., Inc., 206 Sansome St., San Francisco.

**Sub Contracts Awarded**  
**BUILDING** Cost, \$2,000,000  
**SAN FRANCISCO**, Tenth and Market Streets.

Eight-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52,800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).

Owner—Capital Co., 625 Market St. Plans by Construction Department of Owner.  
 Structural Engineer—L. H. Nishkian, 525 Market Street.  
 Mechanical Engineer—Leland & Haley, 58 Sutter Street.

**Contractor**—Cahill Brothers, 206 Sansome St.

**Painting**—R. P. Paoli & Co., 2530 Lombard St.

**Cabinet Work**—The Fink & Schindler Co., 552 Erman St.  
 Complete sub-contracts awarded to date published Nov. 23, Jan. 12, Feb. 8, Feb. 11, Mar. 12, Mar. 19 and Apr. 5.

**Plans Being Figured — To Close Apr. 29, 12 Noon**  
**ADDITION** Cost, \$.....  
**OAKLAND**, Alameda Co., Cal. Sixth and Webster Streets.

Two-story brick and steel addition to Salvation Army Bldg. (wood and steel sash).  
 Owner—Salvation Army.  
 Architect—D. D. Stone, 381 Bush St., San Francisco.  
 Structural Engineer—F. W. Kelberg, 320 Market St., San Francisco.

Bids will be received at the architect's office.

Following selected list of contractors are figuring plans:  
 John J. Moore Co., 354 Hobart St., Oakland.  
 Victor A. Kaufenberg, Box 12, Rio Vista.  
 Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.  
 Fred K. Du Puy, 110 Sutter St., San Francisco.

W. K. Van Bokkelen, 439 23rd St., Oakland.

**17— THEATRES**

**Completing Working Drawings—To Ask Bids Shortly**

**THEATRE** Cost, \$150,000  
**SOUTH GATE**, Los Angeles Co., Cal. 1200 Beach Boulevard.  
 Reinforced concrete motion picture theatre (125x150 ft.) to seat 1,000 and several store rooms; stucco facing, comp. roofing, plate glass marble and the work, ornamental metal, air conditioning system, etc.

Owner—Fox West Coast Theatres Corporation.  
 Architect—S. Chas. Lee, 381 Bush St., San Francisco.

Bids will be taken shortly by the architect from a selected list of contractors.

**Contract Awarded**  
**THEATRE** Cost, \$.....  
**ARVIN**, Kern Co., Calif. Theater and store building (50 x 112 ft.) to contain a 500-seat theater and two small store rooms; wood frame construction, plastered front walls, corrugated iron side and rear walls, etc.

Owner—Dick Lemucchi, East Bakersfield.  
 Architect—C. A. Balch, 1914 S. Veranda Ave., Los Angeles.  
**Contractor**—S. W. Haab, 816 E. 19th St., Bakersfield.

**CONTRACT AWARDED**  
**ESCONDIDO**, San Diego Co., Cal. —Kenneth W. Wellington, P. O. Box 727, 124 S. Grape St., Escondido.

awarded contract for erection of a theatre building on the southeast corner of Grand Ave. and Juniper St., Escondido, for John Johnston C. A. Balch, Los Angeles, architect

**Plans Being Figured — No Closing Date Set**

**THEATRE** Cost, \$150,000  
**RICHMOND**, Contra Costa Co., Calif. 710 McDonald Avenue.  
 Reinforced concrete frame theatre to seat 1,000; exposed concrete front, steel roof trusses, acoustical plaster, ventilating and air conditioning systems, stage equipment, etc.

Owner—United Artists Theatres of California.  
 Architect—A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles.  
 Structural Engineer—E. A. Evans, Pacific Commerce Bldg., Los Angeles.

Bids will be received in the office of the architects.  
 Partial list of contractors figuring plans follows:  
 De Luca & Son, Inc., 1745 Filbert

St., San Francisco.  
 E. J. Freethy, 271 10th St., Richmond.  
 Miller Construction Company, 3917 Mission St., San Francisco.

**18— WHARVES & DOCKS**

**Bids Wanted—To Close May 1st, 10 A. M.**

**RECONSTRUCTION** Cost, \$75,000  
**SAN FRANCISCO**, Pier 46.  
 Reconstruct shed on Pier 46, partially destroyed by fire Dec. 16, 1936 (timber construction, six-ply asphalt and gravel roof; 160x800).

Owner—State of California (Board of Harbor Commissioners).  
 Engineer—Frank G. White, Ferry Bldg.

It is estimated that about 75% of the bulkhead building and 50% of the shed building was destroyed by the fire.

Plans and specifications will be available from the office of the Engineer after April 21, upon deposit of \$20.00.

**19—MISC. CONSTRUCTION**

**NEW BIDS WANTED**

**LOS ANGELES**, Cal.—Until April 28, 10 A. M., new bids will be received by the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for machine shop and testing laboratory facilities at Berth 161, Los Angeles Harbor, PWA Docket No. 1206, Unit 6. Work includes a one-story, steel frame and concrete machine shop building with a two-story section at one end, and testing laboratory facilities comprising a two-story, concrete building and a frame and stucco garage. Plans may be obtained from the harbor engineer, San Pedro City Hall, upon deposit of \$25. Bids received for this work on March 31, at which time Peter P. Shelby submitted the low bid at \$119,791, were rejected.

**BIDS OPENED**

**SAN FRANCISCO**—Lynn & Hefernan, 114 Ashton Ave., at \$2,095 submitted low bid to Public Utilities Commission, City Hall, under Airport Contract No. 40, for constructing a field lighting control board to be installed on the fourth floor of the new administration building at San Francisco Airport, Mills Field. Alta Electric & Mechanical Co., at \$2,165, submitted the only other bid.  
 L. T. McAfee, Utilities Engineer.

**BIDS OPENED**

**SAN FRANCISCO**—Pacific Drydock & Repair Co., foot of 14th Ave., Oakland, at \$755.50, submitted low bid to the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-244, for drydocking, painting, and repairing the U. S. Water Barge No. 505.

The other bids were:  
 General Engineering & Drydock Co. .... \$944.75  
 Moore Drydock Co. .... \$875.75  
 All bids net.

**BIDS WANTED**

**SACRAMENTO**—Until April 30, 3 p.m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. I. B. Chambers, District Engineer, 208 1/2 Office Bldg., Sacramento, under Proposal No. 1105-37-203, for drydocking, cleaning, and painting the U. S. Engineer Department oil barge, "B". Specifications obtainable from the above office.

**ONLY BIDDER**

**SAN FRANCISCO**—Western Asbestos Co., 675 Townsend St., at \$147.

submitted only bid to the Department of Public Works, Room 251, including Acoustical Celotex 12 x 12-in. tile on entire ceiling and down four side walls from ceiling to top of picture mold in Room No. 205, at Health Center Building, Grove and Polk Sts.

**Plans Completed**  
**ADDITION** Cost, \$85,000  
**SEATTLE**, Wash. 200 W. Michigan Street.

Two-story, fireproof addition to office building (70 ft. long).  
Owner—Boeing Airplane Co., 200 W. Michigan St. (C. N. Monteth, Vice-Pres.).

**Architect**—Not Given.  
**Contractor**—The Austin Co., Dexter Horton Bldg. (W. R. Engstrom, district manager).  
Construction is expected to start within a few days.

As previously reported, The Austin Company is now constructing a \$250,000 addition to the Boeing Airplane Company's assembly plant on East Marginal Way, near Boeing Field.

#### PLANS BEING FIGURED

**EL MONTE**, Los Angeles Co., Cal.—Southern California Telephone Co., 740 S. Olive St., Los Angeles, is taking bids from a selected list of contractors for a one-story reinforced concrete equipment and commercial office building (86x45-ft.) to be built at 117 N. Tyler Ave., El Monte, for the company. Bids to be submitted April 27. Plans prepared by owner's architectural department.

#### PLANS BEING FIGURED

**DOWNEY**, Los Angeles Co., Cal.—Southern California Telephone Co., 740 S. Olive St., Los Angeles, is taking bids from a selected list of contractors for a one-story frame tool equipment building to be built in Downey for the company. Bids are to be submitted April 27. Plans were prepared by owner's architectural department.

#### BIDS OPENED

**SAN FRANCISCO**—Wm. A. Degen 2055 Santa Clara, Alameda, at \$5,243 submitted low bid to Capt. H. J. Vandersluus, H. D. Artillery Engineer, Fort Winfield Scott, for the installation of telephone conduit and manholes at Suito Heights and Fort Miley.

Complete bids follow:  
Wm. A. Degen, Alameda ..... \$5,243  
Underground Const. Co., Berkeley ..... 6,797  
W. J. Tohn, Oakland ..... 8,023  
A. Soda & Son, Oakland ..... 8,265  
H. S. Tittle, San Francisco ..... 14,733

#### LOW BIDDER

**SAN BERNARDINO CO.**, Calif.—Baker Ice Machine Co., 351 South Anderson St., Los Angeles, submitted low bid to the Metropolitan Water District at \$25,210, for constructing an indirect evaporating-type cooling and electric heating air conditioning system in each of 24 cottages located in San Bernardino and Riverside counties, along the line of the Colorado River Aqueduct. Near the pumping plants designated as Gene, Iron Mountain, Eagle Mountain and Hayfield; Spec. No. 203.

#### CONTRACT AWARDED

**ALAMEDA & CONTRA COSTA COS.**, Calif.—Berkeley Steel Constr. Co., Second and Camelia Sts., Berkeley, at \$9124 per lb. total \$17,369, awarded contract to Board of Directors of Joint Highway District No. 13, Oakland, under Schedule "H," for the construction of steel structures for the completion of Broadway Low Level Tunnel.

The work involves 140,000 lbs. of

light structural steel trusses and partitions. Installation at each end of the tunnel to support the louver system.

#### Bond Election

**SWIMMING POOL** Cost, \$50,000  
**PLATEAU**, Contra Costa Co., Calif. Outdoor salt water swimming pool with one- and three-meter diving boards (10 x 75 ft., divided by concrete walls into 3 sections; landing area, 30 x 75 ft.; main swimming area, 30 x 75 ft.; diving area, 30 x 75 ft., 114 inches deep), L-shaped frame and stucco building surrounding 3 sides of pool housing private dressing rooms and locker rooms; men's and women's locker rooms; basket service, hair drying rooms, promenade around pool and on building roofs; pump house and plant, chlorinator, etc.

**Owner**—City of Martinez (O. K. Smith, City Engineer).

**Architect**—S. Chas. Lee, 25 Taylor St., San Francisco.  
The City Council has set June 10 as the date for a special election to vote on a proposal to issue \$50,000 in bonds to finance construction.

### 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**BOULDER PROJECT**, Nevada.—Emeco Derrick & Equip. Co., Los Angeles at \$520 awarded contract by the Bureau of Reclamation, Denver, for furnishing two welded plate steel cylindrical bulk heads for relief valves of turbines at Boulder power plant; Spec. No. 892-D.

#### BIDS OPENED

**SACRAMENTO**, Calif.—Following bids received by the U. S. Engineer Office, District of L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-193, for furnishing 360 iron scarf straps, fog Rio Vista:

Konick Mfg. Co., San Francisco: \$14170; net; delivery, 6 days.  
California Steel Products Co., San Francisco: \$174; net; delivery, 3 days.  
Moore Dry Dock Co., Oakland: \$198; net; delivery, 6 days.  
Independent Iron Works, Oakland: \$25450; discount; 1/2% 10 days; delivery, 7 days.

#### CONTRACT AWARDED

**PARKER DAM**, Arizona.—The Bureau of Reclamation has announced that the contract for furnishing 200,000 bbls. low heat cement for use in the construction of the Parker Dam was awarded jointly to the Monolith Portland Cement Co., California Portland Cement Co., Riverside Cement Co., and the Southwestern Portland Cement Co. The contract amounts to \$110,800. Spec. No. 959-D.

#### CONTRACT AWARDED

**SACRAMENTO**, Calif.—Falm Iron Works, P. O. Box 746, Sacramento, at \$730, net, submitted low bid and awarded contract by the State Purchasing Agent, Sacramento, under Quotation No. 50879, Req. 39241, for furnishing steel materials for the Division of Highways.

The other bids were:  
Fair Mfg. Co., San Francisco, \$815.  
Golden Gate Iron Works, S. F.: \$817; 1/2%, 10 days.

Schrader Iron Works, San Francisco: \$869, net.  
Independent Iron Works, Oakland: \$951; 1/2%, 30 days.

#### CONTRACT AWARDED

**SAN FRANCISCO**—Lavenson & Savasta, 379 Brannan St., at \$135 per

1,000 ft., awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1765, for furnishing 20,000 ft. single conductor No. 8 AWG solid copper wire, insulated for 5,000 volts.

#### CONTRACT AWARDED

**LOS ANGELES**. Westinghouse Electric & Mfg. Co. awarded contract by the Los Angeles Water and Power Commission for furnishing incandescent lamps. Spec. 2238, on a discount basis. Contract will amount to about \$80,000. Bids were opened April 2.

#### BIDS WANTED

**SAN FRANCISCO**.—Until April 26, 3 p.m., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for furnishing and installing interior furnishings in Rooms 703 and 704 at 425 Mason St. (San Francisco Water Dept. Bldg.).

Work consists of seamless carpet laid from wall to wall over an all-Bair flooring; Venetian blinds; drapes; all metal radiator covers.

Specifications may be obtained from Room 701, 425 Mason St., San Francisco.

#### CONTRACT AWARDED

**OAKLAND**, Calif.—Atlas Mineral Products Co., 41 Arguello Blvd., San Francisco, at \$189 awarded contract by the East Bay Municipal Utility District, under Informal Proposal No. 858, for furnishing 30,000 lbs. of joint compound.

#### CONTRACT AWARDED

**OAKLAND**, Cal.—W. Marwedel, 1114 Alameda St., Oakland, at \$9,230 awarded contract by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 861, for furnishing 50,000 lb. 3/4-inch copper water service tubing.

#### CONTRACT AWARDED

**SAN FRANCISCO**, Cal.—Enterprise Foundry Corp., 2909 19th St., at \$2,519.38, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1768, for furnishing and delivering cast-iron and cast steel specials for the San Francisco high pressure water system (WPA).

#### CONTRACT AWARDED

**SAN FRANCISCO**.—Smith Lumber Co., 4th and Channel Sts., at \$17,989.67, awarded contract by T. A. Brooks, Purchaser of supplies, City Hall, under Bid No. 1776, for furnishing approximately 55,512 ft. b. m. Douglas Fir lumber (for the WPA).

#### BIDS WANTED

**KINGSBURG**, Fresno Co., Calif.—Until April 27, E. M. bids will be received by the Kingsburg Joint Un. School District, Fred E. Danielson, Clerk of the Board of Trustees, for six gas floor furnaces, 80,000-B.T.U. capacity; one gas floor furnace, 45,000-B.T.U. capacity; and one gas floor furnace, 32,000-B.T.U. capacity, same to be installed in the Roosevelt School building in Kingsburg, each to be installed complete with thermostatic control and night control valve, all vent pipes to be of size directed by manufacturer and to be of Pacific Gas Co.'s quality pipe, or equal.

#### CONTRACT AWARDED

**SAN FRANCISCO**.—M. G. Wes Co., 117 Front St., at \$1475.30, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1748, for furnishing furniture for the Assessor's Office, including desk, table, chairs, stools, filing cabinet, waste baskets, etc.

**CONTRACT AWARDED**

OAKLAND, Alameda Co., Calif.—Rio Grande Oil Co., at \$0.125 per gal. for regular, and at \$0.155 per gal. for ethyl, awarded contract by the Oakland City Council for furnishing gasoline for the fiscal year.

**CONTRACT AWARDED**

SAN FRANCISCO. — Taper Tube Pole Co., Monadnock Bldg., at \$4,413.20, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1773, for furnishing electrolers, etc. (for the WPA).

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Minneapolis Moline Power Implement Co. was awarded contract by the U. S. Engineer, Los Angeles, at \$46,512 for furnishing 760,000 lbs. fabricated steel and other metal work incidental to the superstructure for the Culver Blvd. bridge over Ballona Creek, shipped on government bill of lading from Minneapolis. Circ. Prop. No. 282.

**CONTRACTS AWARDED**

LOS ANGELES, Calif. — General

Electric Co. (Items No. 1 and No. 4, \$16,076) Okonite-Callender Cable Co. (items No. 2 and No. 3, \$13,830) and General Cable Corp. (items No. 5, No. 6, No. 7, \$17,343) were awarded contracts by the Los Angeles Water and Power Commission for furnishing lead-covered cable. Spec. No. 2250.

**BIDS OPENED**

SAN FRANCISCO — Anchor Post Fence Co., 460 Fifth St., S. F., at \$449.47, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1780, for furnishing chain link fence, complete with gates, posts, and accessories (for the WPA).

Standard Fence Co., at \$462.59, submitted the only other bid.

**CONTRACT AWARDED**

SAN FRANCISCO — Taper Tube Pole Co., Monadnock Bldg., at \$2,820.11, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1770, for furnishing luminaires for street lighting.

**OAKLAND CITY**

OAKLAND, Cal.—Until April 27, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing reinforcing steel for use on WPA projects, as follows:

- (1) 763 pounds ¼-inch round bars, straight;
- (2) 204 lbs. do, bent;
- (3) 1,009 pounds ⅝-inch round bars, straight;
- (4) 3,312 lbs. ¾-in. do, bent;
- (5) 9,622 pounds ½-inch round bars, straight;
- (6) 16,670 pounds ½-in. square bars, straight;
- (7) 613 pounds ⅝-in. round bars, straight;
- (8) 46,927 lbs. ⅝-in. do, bent;
- (9) 6,693 pounds ¾-inch round bars, straight;
- (10) 13,449 lbs. ¾-in. do, bent;
- (11) 679 lbs. ¾-in. do, bent;
- (12) 108,822 lbs 1-in. do, bent;
- (13) 7,704 pounds 1-inch square bars, straight;
- (14) 43,452 lbs. 1-in. do, bent.

Specifications obtainable from the



**Bethlehem Concrete Reinforcing Bars**

Rolled and Stocked in San Francisco, Los Angeles and Seattle.

**BETHLEHEM STEEL COMPANY**  
on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

SAN FRANCISCO  
20th and Illinois St.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excavations	31—Pipe Lines and Wells
23—Irrigation Works	32—Sewers & Sewage Machinery and Equipment
24—St. Light, Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Railroads	35—Tunnels
27—Fire Alarm Sys.	
28—Fire Equipment	
29—Streets & Highways	

## 21— BRIDGES

### PLANS BEING PREPARED

**LOS ANGELES.**—The Union Pacific Railway, Pacific Electric Bldg., is preparing plans for a bridge to carry its tracks over the Los Angeles River near the site of the new union station. The proposed bridge will be of steel construction supported by reinforced concrete foundation, piers and abutments. The latter will probably be done by contract while the railroad company will probably build the steel superstructure. The present plans of the U. S. War Department propose a 220-ft. channel for the river at this point, but on account of the several spans required in the U. P. Railway bridge it is thought that the channel will be widened to the full 300 feet.

### CONTRACT AWARDED

**SAN DIEGO COUNTY, Calif.**—B. G. Carroll, 4396 Maryland Street, San Diego, at \$47,763 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a reinforced concrete girder crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, near San Onofre, consisting of one 75-ft. span, two 53-ft. spans and two 30-ft. 8-in. spans on concrete bents and abutments with wing walls.

### BIDS WANTED

**GOVERNMENT ISLAND.**—Until April 27, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 4630, for furnishing one 180-ft. continuous beam span, including all structural steel, bolts for field connections, etc., for the Mill Creek Bridge.

Delivery f.o.b. bidder's shipping point and/or Piedra.  
Specifications obtainable from the above office.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**SEWARD, Alaska.**—Until June 1, 3 P. M., bids will be received by the U. S. Engineer Office, 754 Central Bldg., Seattle, for the construction of a rock mound breakwater at Harbor of Refuge, Seward.  
Plans and specifications obtainable from the above office.

### PLANNED

**MARE ISLAND.**—Preliminary plans and specifications for construction of a graving dock at Mare Is-

land have been completed and are now in the office of the Public Works Officer, Mare Island, for final revisions. The Navy Department hopes to call for bids on the work by July 1. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 134 ft. wide, and 40 ft. over sill in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

### BIDS WANTED

**SAN DIEGO.**—Until April 29, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8461, for driving foundation piles for temporary officers' mess at the Naval Operating Base (Marine Corps Base), San Diego.

The work consists of the furnishing of all equipment, labor and driving 69 untreated timber foundation piles, each 30 feet long. The Government will furnish the piles and will do such excavating work as may be required for advance preparation for driving the piles.

Plans and specifications obtainable from the above office upon deposit of \$10.

### CONTRACT AWARDED

**NAPA RIVER.**—Franks Contracting Co., 260 California St., San Francisco, at \$9,358 per c.y., total \$61,265, awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Customs House, under Bid No. 868-37-209, for dredging and disposing of about 171,141 c.y. of material in the Napa River.

## 23— CANALS

April 22, 1937

### BIDS WANTED

**ALL-AMERICAN CANAL.**—Until May 7, 10 A. M., as previously reported, bids will be received by the Bureau of Reclamation, Yuma, Ariz., R. B. Williams, Construction Engineer, under Spec. No. 724, for the construction of the New River crossing and other structures, Sta. 3633 to Sta. 3826, All-American Canal, Boulder Canyon Project. The work is located near Calexico.

Bids will be taken as follows:

#### SCHEDULE NO. 1

New River crossing and other structures, All-American canal, station 2633 to station 3826, except plate-steel pipes for the New River crossing.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

- (1) 35,800 c.y. excav. for structures, except piers for steel pipe;
- (2) 1,800 c.y. excav. and backfill for piers for steel pipe;
- (3) 1,400 c.y. excav. for drainage ditches;
- (4) 9,000 c.y. excav. for operating road;
- (5) 8,000 c.y. excav. for river channel;
- (6) 15,700 c.y. excav. for temporary unexcavated sections of canal and side drain;
- (7) 18,000 c.y. excavation, stripping foundations for compacted embankments and fills;
- (8) 10,000 sta. yds. overhaul;
- (9) 144,000 c.y. compacted embankments;
- (10) 7,000 c.y. pit-run gravel blankets on outside slopes of compacted embankments;
- (11) 75 c.y. sand blankets under screened gravel blankets;
- (12) 3,000 c.y. screened-gravel blankets under concrete lining;
- (13) 300 c.y. pit-run gravel fills in concrete crib retaining walls;
- (14) 25,400 c.y. backfill;
- (15) 1,800 c.y. puddling or tamping backfill;
- (16) 3,117 c.y. concrete in structures except canal lining and piers for steel pipe;
- (17) 1,720 c.y. concrete in piers for steel pipe;
- (18) 2,680 c.y. concrete in canal lining;
- (19) 930,000 lbs. placing reinf. bars;
- (20) 1,330 l.f. installing rubber water stops;
- (21) 328 sq. ft. installing elastic joint filling materials;
- (22) 202 c.y. manufacturing and placing precast concrete crib members;
- (23) 150 sq. yds. dry-rock paving;
- (24) 487 s.y. riprap;
- (25) 181,940 lbs. driving steel sheet piling;
- (26) 3,180 l.f. driving timber piles;
- (27) 12 piles, manufacturing and driving 30-ft. concrete piles;
- (28) 255 piles, do, 40-ft. do;
- (29) 306 piles, do, 45-ft. do;
- (30) 10 l.f. constructing 6-in. sewer pipe drains with uncemented joints;
- (31) 990 l.f. constructing 6-in. cast iron pipe drains;
- (32) 208 MFBM erecting timber in structures;
- (33) 440 sq. yds. bituminous wearing surface on bridge floors;
- (34) 38,000 l.f. installing end units of steel pipe for the New River crossing;
- (35) 81,600 lbs. erecting structural steel in highway bridge;
- (36) 40,700 lbs. installing gates;
- (37) 15,640 pounds installing radial-gate hoists and operating and control mechanisms;
- (38) 3,200 lbs. installing pipe hand-rails;
- (39) 39 l.f. erecting No. 60 metal flue;
- (40) 8,300 lbs. installing 22-inch dia. steel pipe;
- (41) 5,000 pounds installing miscellaneous metal work;
- (42) 400 l.f. installing electrical metal conduits 1 1/2-in. or less in dia.;
- (43) 100 lbs. installing electrical conductors.

#### SCHEDULE NO. 2

Furnishing and erecting 186-inch diameter welded plate-steel pipe and appurtenances for the New River crossing. Items 44 and 45 of the schedule are alternative items, and award of contract will not be made for both of the items.

(44) Furnishing, erecting, and paint-

ing 186-in. welded plate-steel pipes and appurtenances for the New River crossing, complete, in accordance with the specifications and with the details and drawings of parts shown on drawings, shipment of pipe materials to Calexico, Calif., to be made on commercial bills of lading at the expense of the contractor, lump sum;

(45) Furnishing, erecting and painting 186-in. welded plate-steel pipes and appurtenances for the New River crossing, complete, in accordance with the specifications and with the details and list of parts shown on drawings, shipment of pipe materials to Calexico, Calif., to be made on Govt. bills of lading, lump sum.

Bids to state the shipping weight, freight classification, minimum car load weight and shipping point of the various materials.

Work shall be commenced within thirty calendar days and completed within 60 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Denver, or Washington, D.C., without charge to prospective bona fide bidders to others, \$3 per copy, not returnable.

## 24—STREET LIGHTING

### TO ASK BIDS SHORTLY

SANTA ROSA, Sonoma Co., Calif.—A call for bids will be issued shortly for furnishing and installing 40 new electroluxes, of the steel pole type. Estimated cost, \$14,000.  
A. P. Noyes, City Manager.

### BIDS OPENED

LOS ANGELES.—The Union Metal Co., 1001 N. Mansfield Ave., Los Angeles, submitted low bid to the Los Angeles county supervisors, at \$20,855 (using Union Metal No. 1891 standards), for furnishing and installing an ornamental lighting system in Firestone Blvd., between Central Ave. and Santa Fe Ave., in accordance with plans and specifications prepared by R. E. Shoner, county mechanical engineer.

The Union Metal Co. also submitted a bid of \$26,765, based upon use of Standard No. 40091 and Westinghouse Reflexolux equipment. The other bids were:

Newbery Electric Corp.—(1) using Marbelite vertical type S-270-A standards, \$30,311; (2) using Marbelite pendant type S-40-20 standards, \$29,990; (3) using Marbelite vertical S-480-16 standards, \$26,318. Time, 60 working days.  
E. C. Nickel, Los Angeles—\$26,632.

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

LODI, San Joaquin Co., Calif.—Pacific Electric Mfg. Corp., 5815 Third St., San Francisco, at \$3,793, submitted low bid and awarded contract by the Lodi City Council, J. F. Biakely, City Clerk, for furnishing four outdoor electrically operated, single-throw electric circuit breakers for service on 4,000-volt, 60-cycle, 3-phase, Y-connected circuits having a grounded neutral; and for one relay panel for indoor service with interlocking relays which can be set for a definite time delay, control switches and indicating lamps, all mounted and wired complete to a terminal block and ready to be connected to the 120- or 240-volt supply circuit and to the tripping and reclosing coils and accessories of the four circuit breakers.

Complete bids follow:  
Pacific Electric Mfg. Corp., S. F.—\$3,793.  
Westinghouse Electric & Mfg. Co., S. F.—\$4,226.61.  
General Electric Co., S. F.—\$4,420.76.  
H. B. Squires Co., S. F.—\$5,129.40; alternate, \$5,338.

### BIDS OPENED

SAN FRANCISCO.—Following bids received by U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Bid No. 868-37-247, for the rental and operation of four 4-c.y. power dump trucks for 2000 hrs., f.o.b. Yerba Buena Island, for use in excavating reservoir:

Samuel E. Bonsangue, Los Angeles, \$2.85 per hour; discount, 5% 10 days, 3% 20 days, 1% 30 days.  
Bay Equipment Co., San Francisco, \$3.45 net.

Circle Truck Co., Los Angeles, \$2.68; 1% 20 days.

C. A. Baker, North Sacramento, \$3.25 net (2 trucks only).

Chas. W. Beguhl, Millbrae, \$3.35; 1% 10 days.

W. C. Railing, Menlo Park, 3.15; net.

S. R. Longwell, S. F., \$3.00; 1% 10 days; 1% 20 days.

J. S. Baker, Burlingame, \$3.85; 2% 10 days.

San Bruno Avenue Feed & Fuel Co., S. F., \$3.15 net.

San Francisco Grading Co., S. F., \$2.90 net.

Rock & Gravel Trucking Co., Oakland, \$2.83 net.

Pisenti & Dowling, Lafayette, \$3.20; 3% 10 days, 2% 20 days, 1% 30 days.

Piombo Bros. & Co., S. F., \$3.90 net.

Portola Truck Service, S. F., \$3.32 net.

O'Brien, S. F., \$3.85 net.

L. F. Madera, Berkeley, \$3.31 net.

C. W. Stevens, S. F., \$2.50 net.

C. Mankel, Sacramento, \$3.32 net.

Simon, S. F., \$3.15 net.

J. P. Holland, Inc., S. F., \$3.40 net.

W. K. Walker, S. F., \$2.75 net.

Santo Tedesco, Huntington Park, \$3.20; 10% 10 days, 8% 20 days, 6% 30 days.

K. E. Dowdy, S. F., \$3.15; 2% 10 days, 1% 20 days.

A. C. Meade, S. F., \$3.00 net.

Brown-Healy Co., Oakland, \$3.0475 net.

L. N. Giorgi, S. F., \$2.68 net.

All bids were taken under advisement.

### CONTRACTS AWARDED

CASPER-ALCOVA PROJECT, Wyoming.—Commercial Iron Works, Portland, at \$48,365.87, for three 25-ft. 8-in. by 40-ft. gates; and the American Bridge Co., Denver, at \$15,092.83, for frames and metalwork for gate counterweights, awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 726, for furnishing the above equipment for installation in the spillway at the Alcovia Dam, Casper-Alcovia Project, Wyoming.

### BIDS OPENED

HUMBOLDT COUNTY, Cal.—John Burman & Sons, Eureka, at \$500 per hour, net, submitted the only bid received by the Procurement Office, Treasury Department, San Francisco under Bid No. 3699, for the rental of one crawler type tractor, not less than 48-h.p. equipped with angle dozer, for use on WPA projects, f.o.b. site near Briceiland, 10 miles east of Garberville.

### BIDS OPENED

HUMBOLDT COUNTY, Cal.—Paul Teih, 690 Market St., San Francisco, at \$45 net per hour, discount, 3% 20 days, 2% 30 days, submitted low bid to the Procurement Office, Treasury Department, San Francisco, under Bid No. 3700, for the rental of one

crawler type tractor, not less than 48-h.p., equipped with angle dozer, for use on WPA projects, fob Kneeland-Iqua Road, approximately 25 miles east of Eureka.

Complete bids follow:  
Paul Teih, San Francisco, \$4.45 per hour; discount, 3% 20 days; 2% 30 days.

John Burman & Sons, Eureka, \$5 per hour.

W. E. Gilman, Klamath Falls, \$6.75 per hr.  
U. S. Engineer Office, low bid to the U. S. Engineer Office.

### BIDS OPENED

SAN FRANCISCO.—C. A. Baker, 620 El Camino Ave., North Sacramento, at \$7.50 per hour, submitted Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-248, for the rental of one power shovel, 1½-c.y. capacity, with operating personnel, for 500 hours, f.o.b. Yerba Buena Island, for use in excavation of reservoir.

Complete bids follow:  
C. A. Baker, North Sacramento, \$7.50  
Portola Truck Service, S. F., 7.90  
T. O'Brien, S. F., 8.00  
Rock & Gravel Trucking Co., 8.00  
Oakland, 8.00

P. W. Kuhn, Glendale, 8.45

Eaton & Smith, S. F., 8.72

Industrial Equip. Co., Oakland, 8.95

C. Mankel, Sacramento, 9.40

Pacific Equipment Rental, Inc., L. A., 9.50

Piombo Bros. & Co., S. F., 10.80

Milton A. Purdy, Oakland, 12.50

S. F. Grading Co., S. F., 12.50

Bay Equipment Co., S. F., 15.00

All bids net except C. Mankel, who offers a discount of 1%, 10 days.

### BIDS OPENED

SAN FRANCISCO.—Bids for the rental of equipment for delivery f.o.b. Yerba Buena Island, for use in excavation of reservoir, were opened by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-249, as follows:

(1) One air compressor with operating personnel, for 500 hours;

(2) One rock drill, wagon mounted, with operating personnel, for 500 hours;

(3) One rock drill, column mounted, with operating personnel, for 500 hours.

Complete bids follow:  
C. A. Baker, North Sacramento—

(1) \$2.90; (2) and (3) no bid.

Edward R. Bacon Co., S. F.—(1) \$3.43; (2) \$0.90; (3) \$0.75.

Milton A. Purdy, Oakland—(1) \$1.50; (2) \$0.95; (3) \$0.45.

Machinery & Drill Steel Co., S. F.—(1) \$4.14; (2) \$2.05; (3) \$0.60.

Bay Equipment Co., S. F.—(1) \$7.50; (2) \$1.75; (3) \$0.75.

W. H. Cowen, S. F.—(1) \$4.59; (2) \$2.01; (3) \$1.25.

Western Machinery Co., S. F.—(1) \$1.47; (2) \$2.24; (3) \$0.70.

Leitch & Co., S. F.—(1) \$4.15; (2) \$2.75; (3) \$2.25.

Pacific Equipment Rental, Inc., L. A.—(1) \$9; (2) \$4.10; (3) \$4.10.

P. W. Kuhn, Glendale—(1) \$6.75; (2) \$4.75; (3) \$4.75.

### BIDS OPENED

SANTA CRUZ & SAN MATEO COS., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$3.80 per hour, submitted low bid to the State Division of Highways, Jno. J. Skeggs, District Engineer, San Francisco, for the rental of one 1½-c.y. capacity power shovel, mounted on pneumatic-tired truck, for use on approximately 500 hours, f.o.b. Santa Cruz and San Mateo Counties.

Complete bids follow:  
Pacific Truck Service, Inc., San Jose, \$3.80

C. E. Huls, Merced, 3.90

Adams Constr. Co., S. F., 3.94

Rock & Gravel Trucking Co., Oakland.....	5.50
Mankel, Sacramento.....	5.71
Portola Truck Service, S. F.....	6.24
Western Crane Service, Oakland.....	7.50

## 26—RAILROADS

### ADDITIONAL SUB CONTRACTS AWARDED

ALAMEDA CO. Calif.—Bates & Rogers Construction Co. 3401 Wood St. Oakland general contractor for construction of the East Bay Yard substructure of the railway facilities of the San Francisco-Oakland Bay Bridge has awarded the following sub contracts:

Asphalt Paving—W. H. Larson 6015 Chahaly Terrace Oakland.

Fill—Arisis-Knapp Co. 961 41st St. Oakland.

As previously reported concrete awarded Charles S. Hughes Co., 1000 Ashby Ave., Berkeley; piling and lumber, Charles R. McCormick Lbr. Co., 461 Market St., San Francisco; reinforcing steel to Dick Richards, 3422 Piedmont, Oakland; and driving 3,871 piles, M. B. McGowan, Inc., 74 New Montgomery St., San Francisco.

## 28—FIRE EQUIPMENT

### BOND ELECTION

PETALUMA, Sonoma Co., Calif.—A proposal to issue \$16,000 in bonds for the acquisition of two modern fire pumping engines and accessories will be placed on the municipal ballot June 8.

### BIDS WANTED

REDDING, Shasta Co., Calif.—Until April 26, bids will be received by the Redding City Council, for furnishing two fire trucks. One will be a hook and ladder truck with a 65-ft. aerial ladder and a 750-gal. rotary pump, together with 11 other ladders and various items of equipment, including extinguishers, bars, axes, poles, etc.; and the other will be a 500-gal. pump and hose car with 300-gal. water tank, together with equipment.

Estimated cost, \$20,500. Specifications obtainable from the office of the City Clerk.

## 29—STREETS AND HIGHWAYS

### BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at \$25,797.72 submitted low bid to the Alameda city council for paving, constructing concrete gutters, etc., on High street, a length of 4,407 feet, from San Jose Avenue over the Eastuary and High Street bridge.

The work involves:

- (1) 150,910 sq. ft. grading;
- (2) 572 tons rock;
- (3) 2,959 tons asphalt concrete, Type B
- (4) 11,888 sq. ft. concrete gutter.

Complete bids follow:

(A) Heafey-Moore Co., (1) \$0.06225; (2) \$2.10; (3) \$4.00; (4) \$0.28; total \$25,797.72.

(B) The Ransome Co., Emeryville, (1) \$0.02; (2) \$3.00; (3) \$5.70; (4) \$0.30; total, \$26,676.00.

(C) Independent Const. Co., Ltd., Oakland, (1) \$0.0555; (2) \$2.25; (3) \$4.30; (4) \$0.27; no total submitted.

Bids were referred to the city manager, city engineer and State Division of Highways.

### BIDS WANTED

VENTURA CO., Calif.—Until May 13, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer,

State Bldg., Los Angeles, for about 2.2 miles grading and surfacing with asphalt concrete and plant-mixed surfacing in Ventura County bet. Pyle Road and Telegraph Road.

- The work involves:
- (1) 116 sta. clear and grub right of way;
  - (2) 690 M. gals. water;
  - (3) 17,000 c.y. roadway excav., uncl.;
  - (4) 800 c.y. ditch and channel exc.;
  - (5) 70,000 sta. yds. overhaul;
  - (6) 5,600 c.y. imported borrow;
  - (7) 200 c.y. imported surf. matl.;
  - (8) 1,750 c.y. struc. excav.;
  - (9) 850 c.y. exist. conc., remove and dispose of;
  - (10) 20,000 sq. yds. preparing sub-grade;
  - (11) 116 sta. finishing road;
  - (12) 26 tons liq. asphalt, SC-2 (prime coat);
  - (13) 1,650 tons mineral aggregate (plant-mix surf.);
  - (14) 100 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
  - (15) 210 tons liq. asphalt, SC-2 (shoulders);
  - (16) 16,500 sq. yds. preparing, mixing and shaping shoulders;
  - (17) 10,500 sq. yds. asphaltic plant binder;
  - (18) 520 tons asphaltic cement, Grade D, asphalt conc.;
  - (19) 6,410 tons min. aggregate asphalt conc. (base and leveling course);
  - (20) 3,060 tons mineral aggregate asphalt conc. (Type A surface);
  - (21) 11,100 lbs. misc. iron and steel;
  - (22) 47,000 lbs. bar reinf. steel;
  - (23) 10,000 lbs. steel rail assemblies;
  - (24) 470 c.y. Class A portland cement concrete (struc.);
  - (25) 5 c.y. Class A port. cem. conc. (trailing);
  - (26) 70 lf. 8-in. CMP;
  - (27) 80 lf. 18-in. CMP;
  - (28) 10 lf. 24-in. CMP;
  - (29) 70 lf. 42-in. CMP;
  - (30) 60 lf. 24-in. x 8 $\frac{1}{2}$ -in. part circle C M culvert;
  - (31) 80 lf. exist. culverts, removed, cleaned and relaid;
  - (32) 70 lf. exist. culverts, removed, cleaned and salvaged;
  - (33) 3 each spillway assemblies;
  - (34) 250 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
  - (35) 220 lf. curb armor;
  - (36) 750 lf. laminated guard railing;
  - (37) 22 each, culvert markers;
  - (38) 60 each, guide posts;
  - (39) 8 mile exist. fences, move and reset.

NOTE: The State will furnish corrugated metal pipe, embankment protection and part-circle corrugated metal, as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1498, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

### CONTRACT AWARDED

OAKLAND, Calif.—Independent Const. Co., Ltd., 46th Ave. and Clement Street, Oakland, at \$17,288.20 awarded contract by the Oakland City Council, W. W. Chappell, city clerk, for the improvement of portions of San Leandro street between 98th Ave. and the southeasterly boundary of the City of Oakland.

### BIDS WANTED

ELKO CO., Nev.—Until May 15, 2 p.m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for 7.54 miles grading on Sections A and B of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko Co.

- The principal items of work involved are:
- (1) 50 A. clearing;
  - (2) 50 A. grubbing;
  - (3) 227,700 c.y. unclass. excav.;
  - (4) 2,420 c.y. do. for structures;
  - (5) 2,700 c.y. do. for borrow;
  - (6) 283,800 cu. yds. overhaul;
  - (7) 465 c.y. foundation fill;
  - (8) 53 c.y. concrete;
  - (9) 5,650 lbs. reinforcing steel;
  - (10) 100 c.y. loose rock retaining wall;
  - (11) 3,142 lf. CGS metal pipe (120 to 54 in.);
  - (12) 200 lf. corrugated galvanized multiple plate metal pipe (105 in. and 120 in.);
  - (13) 340 c.y. hand laid riprap;
  - (14) 52 lf. 8-in. perforated corrugated S. M. pipe underdrain;
  - (15) 11 sq. yds. mortar backfill seal;
  - (16) 28 each, right-of-way monuments.

Plans and specifications obtainable from the above office upon deposit of \$10. Mr. C. F. Gleim will be at the Commercial Hotel, Elko, during the period from April 25 to May 11, inclusive, and will conduct parties of interested contractors over the project.

### BIDS WANTED

GREENLEE COUNTY, Ariz.—Until May 11, 10 A. M., bids will be received by the Bureau of Public Roads, 277 New Post Office Bldg., P. O. Box 70, Phoenix, C. H. Sweetser, District Engineer, for 2,865 miles grading on Section B (portion) of Route 19, the Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Arizona.

- The principal items of work involved are:
- (1) 19 acres clearing;
  - (2) 19 acres grubbing;
  - (3) 34,000 c.y. unclass. excavation;
  - (4) 500 c.y. do. for structures;
  - (5) 20,000 sta. yds. overhaul;
  - (6) 5,700 lf. furrow ditches;
  - (7) 23 c.y. cement brick masonry;
  - (8) 202 lf. CGSM pipe;
  - (9) 1,024 lf. remove, clean and relay existing CMP;
  - (10) 4,110 lf. bedded wire fence;
  - (11) 26 culvert markers.

Plans and specifications obtainable from the office of the Bureau of Public Roads at Phoenix or at the Federal Office Bldg., San Francisco, upon deposit of \$10.00.

### CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—Pacific States Construction Co., 708 Call Bldg., San Francisco, at \$5,685.60 (asphalt concrete) submitted low bid and awarded contract by the San Rafael City Council, Eugene W. Smith, City Clerk, for the widening of West Fourth Street, between Marquard St. and the westerly city limits.

- The work involves:
- (1) 19,000 sq. ft. asphaltic concrete pavement;
  - (1-A) 19,000 sq. ft. bituminous macadam base;
  - (2) 280 lf. concrete curb and gutter;
  - (3) 151 lf. 12-in. CMP;
  - (4) 151 lf. 18-in. CMP;
  - (5) 119 lf. 18-in. CMP;
  - (6) 142 lf. 24-in. CMP;
  - (7) 140 lf. 5-in. drain tile;
  - (8) 1,200 2x12 headerboards;
  - (9) 350 sq. ft. sidewalks, 4-in.;
  - (10) 11 catch basins;
  - (11) One concrete outlet box;
  - (12) One concrete cleanout box.
- Total bids follow:
- Pacific States Constr. Co., San Francisco, \$5,685.60; alternate, \$5,685.60.
- John Carcano, San Rafael; alternate, \$5,883.10.
- F. J. Main, Fairfax; \$5,965; alternate, \$5,471.
- E. A. Forde, San Anselmo; \$6,283.56; alternate, \$6,048.54.

**LOW BIDDERS**

**BIDS OPENED**

TUCSON, Ariz.—White & Miller, Box 2350, Tucson, submitted low bid to the Tucson city council, at \$95,984.36 (alternate A), and at \$99,968.60 (alternate B), for improving streets in the Helen and Mabel Streets District Paving Improvement, Resolution of Intention No. 1414, in accordance with plans and specifications prepared by George W. Seeley, City Engineer.

Phoenix—Tempe Stone Co., Phoenix, submitted the second bid at (A) \$96,473.19 and (B) \$103,464.70.

The work involves:

**ALTERNATE A**

- (1) 77,792 sq. ft. 2-in. cutback asphalt pavement;
- (2) 52,475 sq. yds. subgrade;
- (3) 15 each manhole tops reset;
- (4) 2 each flush tank tops reset;
- (5) 26 each lamphole tops reset;
- (6) 16 each survey monuments reset.
- (7) 4080 lf. house connection sewers;
- (8) 1242 c.y. excav. for H C sewers;
- (9) 200 lf. driveway repair;
- (10) 7971 lf. 3/4-in. copper pipe water service connections;
- (11) 357 each 3/4-in. corporation stops and swivel connections;
- (12) 357 each 3/4-in. curb stops and swivel connections;
- (13) 42 lf. 1-in. copper pipe water service connection;
- (14) 2 each 1-in. corporation stops and swivel connections;
- (15) 2 each 1-in curb stops and swivel connections;
- (16) 222 sq. yds. rough grading;
- (17) 9534 sq. ft. 5x24-in. cem. conc. valley gutter;
- (18) 22,583 lf. 5x12-in. cem. concrete gutter;
- (19) 785 sq. yds. repaving.

**ALTERNATE B**

- (1) 82,475 sq. yds. 3-in. asphalt conc. paving;
- (2) 82,475 sq. yds. subgrade;
- (3) 15 each manhole tops reset;
- (4) 2 each flush tank tops reset;
- (5) 26 each lamphole tops reset;
- (6) 16 each survey monuments reset;
- (7) 4080 lf. house connection sewers;
- (8) 1242 c.y. excav. for M C sewers;
- (9) 200 lf. driveway repair;
- (10) 7971 lf. 3/4-in. copper pipe water service connections;
- (11) 357 each 3/4-in. corporation stops and swivel connections;
- (12) 357 each 3/4-in. curb stops and swivel connections;
- (13) 42 lf. 1-in. copper pipe water service connections;
- (14) 2 each 1-in. corporation stops and swivel connections;
- (15) 2 each 1-inch curb stops and swivel connections;
- (16) 222 sq. yds. rough grade;
- (17) 785 sq. yds. repaving.

The unit bids were:

**ALTERNATE (A)**

	(A)	(B)
(1)	\$.55	\$.67
(2)	20	20
(3)	10.00	12.00
(4)	10.00	12.00
(5)	10.00	12.00
(6)	10.00	10.00
(7)	70	85
(8)	2.00	2.30
(9)	40	50
(10)	60	65
(11)	4.50	4.00
(12)	3.00	4.00
(13)	65	75
(14)	4.50	5.00
(15)	4.00	5.00
(16)	10	10
(17)	33	30
(18)	33	30
(19)	80	100

**ALTERNATE (B)**

(1)	83	97
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(2)	21	20
(3)	10.00	12.00
(4)	10.00	12.00
(5)	10.00	12.00
(6)	10.00	10.00
(7)	70	65
(8)	2.00	2.30
(9)	40	50
(10)	60	65
(11)	4.50	4.00
(12)	3.00	4.00
(13)	65	75
(14)	4.50	5.00
(15)	4.00	5.00
(16)	10	10
(17)	80	100

**BIDS WANTED**

- LOS ANGELES.—Until May 5, 10 a. m., bids will be received by the Los Angeles board of public works, 153 City Hall, for improving Santa Barbara Ave., between Figueroa Street and Vermont Avenue, a cash contract. The work involves:
- (1) lump sum, grading (1000 c.y. cut, no fill);
  - (2) 1278 sq. ft. 8-in. concrete, incl. local depressions;
  - (3) 77,066 sq. ft. 6-in. concr. base (Class A curb);
  - (4) 2329 tons asphaltic concr. wearing surface, including resurfacing;
  - (5) 1336 tons asphaltic concr. base, including resurfacing;
  - (6) 477 lf. unplastered heavy curb;
  - (7) 208 lf. curb armor;
  - (8) 68 sq. ft. 6-in. sidewalk (driveways);
  - (9) 2341 sq. ft. 3-in. sidewalk;
  - (10) 783 sq. ft. 8-in. concr. gutter;
  - (11) 7631 sq. ft. concr. gutter, Sec. A;
  - (12) 1495 sq. ft. concr. gutter, Sec. B;
  - (13) 19 lf. concr. gutter, Detail A;
  - (14) road drains (3 drains, 24 lf.);
  - (15) lump sum, storm drains;

**BIDS OPENED**

- OAKLAND, Alameda Co., Calif.—Independent Construction Co., Ltd., 46th Ave. and Clement St., Oakland, at \$17,288.20, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of portions of San Leandro Street between 98th Avenue and the southeasterly boundary of the City of Oakland.
- The work involves:
- (1) 3,290 c.y. excavation;
  - (2) 3,364 tons stabilized base;
  - (3) 802 lf. concrete curb, 6-in. base;
  - (4) 813 lf. concrete curb, 12-in. base;
  - (5) 1,658 sq. ft. concrete gutter;
  - (6) 1,106 tons asphaltic concrete;
  - (7) 4,521 sq. ft. cement sidewalks.

Total bids follow:

(A) Independent Constr Co., Ltd., Oakland	\$17,288.20
(B) Healey-Moore Co., Oakland	17,490.32
(C) Lee J. Immel, Berkeley	19,508.50

Unit bids follow:

	(A)	(B)	(C)
(1)	80.50	80.65	80.70
(2)	2.55	2.45	2.80
(3)	40	70	60
(4)	75	100	70
(5)	25	27	30
(6)	4.52	4.10	4.50
(7)	13	16	20

Walter Frickstad, City Engineer. NOTE: The bids are identical with those submitted at the previous bid opening, April 6.

**BIDS WANTED**

- FRIENDLY ACRES, San Mateo Co., Cal.—Bids are being received by the Friend Realty Co., 625 Market St., San Francisco, for 188,000 sq. ft. of macadam surfacing and grading on the Friendly Acres Tract, one mile south of Redwood City on the Bay Shore Highway. Bids will close about April 26.
- Plans and specifications obtainable from the above office and from the tract office.

April 19, 1937

**CONTRACT AWARDED**

LOS ANGELES COUNTY, Calif.—Match Bros., Elnorena, at \$161,385.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.5 miles grading and paving with portland cement concrete and plant mixed surfacing, in Los Angeles County, between Center Street and Firestone Blvd.

**BIDS WANTED**

HUMBOLDT CO., Calif.—Until May 11, 2 p.m., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, County Clerk, Court House, Eureka, for approximately 6.5 miles of asphalt roadmix surfacing. Estimated cost, \$11,000.

Plans and specifications obtainable from the office of County Surveyor Frank E. Kelly, Second and K Sts., Eureka.

**CONTRACT AWARDED**

SAN FRANCISCO—Fay Improvement Co., 760 Market St., at \$3,703.60, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1775, for furnishing, delivering, spreading, and rolling approximately 940 tons asphaltic concrete binder course and wearing surface, on Lyon St., Gorgas Ave., and other streets, for approaches to the Golden Gate Bridge.

**CONTRACT AWARDED**

SANTA CLARA COUNTY, Calif.—Irving L. Ryder, P. O. Box 265, San Jose, at \$7,440 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, County Clerk, for the improvement of one mile of Colorado Ave., involving 91,000 sq. ft. of oil macadam.

Complete bids follow:  
 Irving L. Ryder, San Jose ..... \$7,440  
 A. J. Reisch, San Jose ..... 8,490  
 Valley Const. Co., San Jose ..... 8,881  
 Piazza & Huntley, San Jose ..... 8,956  
 Earl W. Heple, San Jose ..... 9,100

Robert D. Chandler, County Surveyor.

**LOW BIDDERS**

YAVAPAI CO., Arizona—W. E. Orr, at \$25,892.25, submitted the lowest of nine bids received by the Bureau of Public Roads, New Post Office Bldg., Phoenix, for 7.615 miles surfacing on Sections 1 and J of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai Co., Arizona.

The principal items of work involved are:  
 (1) 200 c.y. unclass. excav.;  
 (2) 400 c.y. do. for borrow;  
 (3) 40,000 sta. vels. overhaul;  
 (4) 7,615 mt. fine grading of subgrade and shoulders;  
 (5) 25,500 tons gravel base course;  
 (6) 11,500 tons crusher run top course.

(7) 750 M. gals. watering.  
 The three low bids follow:  
 W. E. Orr ..... \$25,892.25  
 Lee Moor Contracting Co. .... 31,253.00  
 Pearson & Dickerson Contractors, Inc. .... 34,478.00

Complete bids will be published shortly.

**CONTRACT AWARDED**

SUNNYVALE, Santa Clara Co., Cal.—Union Paving Co., Call Center, San Francisco, at \$4,515, awarded contract by the Sunnyvale City Council, Ida Trubchenko, City Clerk, for the resurfacing of 5.4 miles of St. between Evelyn and Washington Streets, including new manholes and gutters.

Complete bids published Mar. 24. H. N. Bishop, City Engineer.





- (24) 24 each, monuments;  
ALT. "A"
- (25) 3,900 tons asphalt. conc. base and leveling;
- (26) 1,650 tons asphalt. conc. Type A surface;  
ALT. "B"
- (27) 3,760 tons natural asphalt conc. base and leveling;
- (28) 1,600 tons natural asphalt conc. surface.

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete, and Alternative "B" sets forth the necessary items for paving the same area with natural asphalt concrete.

Total bids follow:  
(A) J. E. Haddock, Ltd., Pasadena, Sub-total, \$57,247.19; Alt. A, \$81,292.10; Alt. B, no bid.

(B) Daley Corp., San Diego: Sub-total, \$57,121.50; Alt. A, \$85,921.50; Alt. B, \$88,181.50.

(C) Healey-Moore Co., Oakland: Alt. A, \$88,711.80.

Unit bids follow:

	(A)	(B)	(C)
(1)	\$150.00	\$150.00	\$195.00
(2)	2.00	5.00	3.00
(3)	1.00	.65	.90
(4)	.01	.015	.02
(5)	1.50	3.00	2.00
(6)	2.50	5.00	1.60
(7)	2.50	2.00	1.60
(8)	1.25	1.25	1.50
(9)	1.50	1.25	1.60
(10)	5.00	4.50	4.00
(11)	.15	.15	.18
(12)	20.00	10.00	20.00
(13)	15.00	30.00	15.00
(14)	20.00	25.00	20.00
(15)	.15	.10	.18
(16)	.05	.07	.05
(17)	23.00	24.00	24.00
(18)	5.00	8.00	6.00
(19)	1.50	1.00	1.50
(20)	1.50	2.00	2.80
(21)	15.00	18.00	14.00
(22)	50.00	50.00	60.00
(23)	.05	.05	.05
(24)	3.00	3.00	3.50
ALTERNATE "A"			
(25)	4.25	5.15	5.50
(26)	4.50	5.25	5.90
ALTERNATE "B"			
(27)	5.75	.....	.....
(28)	5.90	.....	.....

April 22, 1937.

**BIDS OPENED**

SAN FRANCISCO.—DeLuca & Son, Inc., 1745 Filbert St., San Francisco, at \$1,263.90, submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,034, for construction of concrete sidewalks on Anza Street, between Arguello Blvd. and Parker Ave.

The work involves 1,100 sq. ft. of two-course concrete sidewalk.

Complete bids follow:  
DeLuca & Son, Inc.—\$0.1149 per sq. ft.; total \$1,263.90.  
D. C. McCabe—\$0.12 per sq. ft.; total \$1,320.

U' Peira & Son—\$0.124 per sq. ft.; total \$1,364.

Love & Haun—\$0.1289 per sq. ft.; total \$1,417.90

M. J. Lynch—\$0.1295 per sq. ft.; total \$1,424.50.

E. J. Treacy—\$0.133 per sq. ft.; total \$1,463.

A. C. Anderson—\$0.14 per sq. ft.; total \$1,540

Chas. L. Harney—\$0.14 per sq. ft.; total \$1,540.

All of San Francisco. \* 29

**BID OPENING POSTPONED**

SIERRA and Nevada Cos., Cal.—Until May 11, 2 P. M. bid opening date postponed from April 27, as previously reported, bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing base and surface courses on 7,948 miles of Sec-

**YAVAPAI CO., ARIZ.—7.615 Mi. SURFACING—(Govt.)**

YAVAPAI COUNTY, Ariz.—W. E. Orr, Prescott, at \$25,892.25, as previously reported, submitted low bid to the Bureau of Public Roads, New Post Office Bldg., Phoenix, for 7.615 miles surfacing on Sections I and J of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai County.

- The work involves:
- (1) 200 c.y. unclass. excavation;
  - (2) 400 c.y. do for borrow;
  - (3) 40,000 sta. yds. overhaul;
  - (4) 7.615 miles fine grading of sub-grade and shoulders;
  - (5) 25,500 tons gravel base course;
  - (6) 11,500 tons crush. run top course
  - (7) 300 tons supp. crushed gravel;
  - (8) 750 M gals. watering;

	(1)	(2)	(3)
(A)	\$50	\$50	\$50
(B)	1.00	.20	.005
(C)	1.35	.67	.02
(D)	.43	.22	.004
(E)	45	45	45
(F)	1.00	.30	.005
(G)	.75	.30	.005
(H)	1.50	1.00	.01
(I)	1.50	.70	.02

- (9) water plant or plants.
- Total bids follow:

- (A) W. E. Orr, Prescott, \$25,892.25,
- (B) Lee Moor Contr. Co., El Paso, \$31,253.00.
- (C) Pearson and Dickerson, Tempe, \$34,478.00.
- (D) Arizona Sand & Rock Co., Phoenix, \$35,542.12.
- (E) Ken Hodgman, Phoenix, \$36,570.-25.
- (F) Al-Arizona Engr. & Constr. Co., Clifton, \$44,274.75.
- (G) Fisher Contr. Co., Phoenix, \$42,804.50.
- (H) Packard Contr. Co., Phoenix, \$43,028.75.
- (I) George Pollock Co., Sacramento, \$46,329.75.

Unit bids follow:

	(4)	(5)	(6)	(7)	(8)	(9)
(A)	\$150.00	\$53	\$70	\$70	\$2.50	\$100.00
(B)	200.00	.70	.75	.75	2.00	650.00
(C)	500.00	.72	.90	.94	2.50	250.00
(D)	88.00	.85	.85	.79	2.50	150.00
(E)	150.00	.76	.96	.96	3.00	200.00
(F)	250.00	.90	1.00	3.00	250.00	.....
(G)	300.00	.85	1.10	.75	3.00	100.00
(H)	250.00	.85	1.30	1.00	3.00	250.00
(I)	650.00	.90	1.25	1.25	2.00	400.00

**APACHE COUNTY, ARIZ.—4.84 MI. GRADING—(Govt.)**

APACHE CO., Ariz.—Pearson & Dickerson, Box 471, Prescott, at \$68,906.80, as previously reported, submitted low bid to the Bureau of Public Roads, New Post Office Bldg., Phoenix, for grading and placing subgrade reinforcement with bituminous treatment (light surface application) on Section C of Route 1, Petrified Forest National Monument, Apache County, Arizona, 4.84 miles.

- The items are:
- (1) 22,000 c.y. unclas. excav.;
  - (2) 600 c.y. unclas. excav. for structures;
  - (3) 36,000 c.y. unclass. excav. for borrow;
  - (4) 6,500 sta. yds. overhaul;
  - (5) 48,000 c.y. m. borrow haul;
  - (6) 24,700 tons subgrade reinforcement;
  - (7) 250 M gals. watering;
  - (8) 250 ton apply liquid asphaltic road material (Type SC-2);
  - (9) e. w. sanding asphaltic matl.;
  - (10) 73 c.y. Class A concrete;
  - (11) 3,400 lbs. reinforcing steel;
  - (12) 55 c.y. masonry;
  - (13) 12 1/2 8-in. CGM pipe (asphalt dipped);
  - (14) 1018 1/2 18-in. CGM pipe;
  - (15) 564 1/2 24-in. CGM pipe;

- (16) 3 1/2 36-in. CGM pipe;
- (17) 1 type A spillway inlet (asphalt dipped);
- (18) 7 sets cast steel frame and cover for drop inlets;
- (19) 550 lf. Type 1 curb;
- (20) 950 lf. Type 2 curb;
- (21) 1280 sq. ft. flagstone walks;
- (22) e. w. construct project project signs;
- (23) furnish and install blast plates, 160 sq. ft.

- The total bids were:
- (A) Pearson & Dickerson, Prescott, Ariz. .... \$68,906.80
  - (B) Ernest W. Eversly, Albuquerque, N. M. .... 69,817.56
  - (C) Packard Contr. Co., Phoenix, Ariz. .... 75,595.60
  - (D) Lee Moor Contr. Co., El Paso, Tex. .... 79,680.90
  - (E) All Arizona Engrg. & Constr. Co., Clifton, Ariz. .... 84,771.50
  - (F) Ken Hodgman, Phoenix, Ariz. .... 86,332.00
  - (G) W. E. Orr, Prescott, Ariz. .... 93,633.52
  - (H) Arizona Sand & Rock Co., Phoenix, Ariz. .... 104,097.56

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$.48	\$.48	\$.60	\$.635	\$.75	\$.76	\$.168	\$.88
(2)	1.45	1.50	1.50	1.25	1.50	1.25	1.00	1.00
(3)	.355	.32	.23	.31	.20	.26	.40	.23
(4)	.92	.03	.03	.03	.04	.03	.03	.03
(5)	.27	.22	.16	.16	.205	.12	.20	.24
(6)	1.00	.85	1.35	1.27	1.50	1.50	1.25	2.10
(7)	4.00	4.00	4.00	3.00	4.00	3.00	4.00	3.00
(8)	5.00	8.30	6.50	5.00	5.00	5.00	7.50	4.00
(9)	109.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(10)	26.50	24.00	28.00	27.00	30.00	35.00	30.00	24.00
(11)	1.00	.98	.07	.08	.10	.10	.08	.07
(12)	18.00	19.00	21.00	20.00	2.00	2.00	25.00	18.00
(13)	1.15	1.75	1.30	2.50	1.25	1.25	1.25	1.00
(14)	2.00	2.32	2.00	2.50	2.25	3.00	2.59	1.68
(15)	3.00	3.30	3.00	3.60	3.25	4.00	3.00	2.60
(16)	6.00	6.60	6.00	6.50	6.00	6.50	5.75	4.87
(17)	20.00	19.00	20.00	25.00	25.00	15.00	25.00	16.00
(18)	65.00	65.00	60.00	56.00	50.00	55.00	60.00	50.00
(19)	2.50	2.30	1.00	1.50	1.25	2.50	1.25	2.10
(20)	1.75	1.80	1.00	2.15	.75	2.00	1.00	1.60
(21)	.50	.40	.40	.50	.40	.60	.40	.45
(22)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(23)	500.00	550.00	500.00	400.00	450.00	450.00	575.00	250.00



Use  
**"DAILY PACIFIC BUILDER"**  
Builder Ads  
for Results

tions B and C of Route 27, the Sierra-ville - Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.

The attention of contractors is directed to the fact that snow conditions on the project will not permit inspection of the designated quarry site until after May 1.

The principal items of work involved are:

- (1) 1,000 cu. yd. unclass. excav.
- (2) 300 cu. yd. foot structures;
- (3) 5,000 sta. yds. overhaul;
- (4) 7.945 mi. fine grading, supgrade and shoulders;
- (5) 31,400 tons 2-in. heavy crushed rock, base course;
- (6) 27,900 tons crusher run, top course;
- (7) 300 tons supplemental crushed stone;
- (8) 1,800 M. gals. watering;
- (9) Lump sum, water plant or plants for project;
- (10) 830 lf. 6-in. perforated C.S.M. pipe underdrain;
- (11) 240 cu. yds. mortar backfill seal.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

### 30—RESERVOIRS & DAMS

#### CONTRACT AWARDED

**SUN RIVER PROJECT, Montana.**—McLaughlin Constr. Co., Livingston, Montana, at \$53,275, awarded contract by the Bureau of Reclamation, Fairfield, W. Walker, Superintendent, under Spec. No. 725, for the construction of alterations to the spillway at the Gibson Dam, Sun River Project, about 23 miles northwest of Augusta.

The work involved will consist of altering the existing crest of the spillway, placing a new concrete crest and the installation of six radial gates, each 34 ft. wide by 12 ft. high. The work must begin in 30 days and be completed in 270 calendar days.

#### FUNDS ALLOTTED

**TONGUE RIVER DAM, Montana.**—The PWA has allotted a loan of \$660,000 and a grant of \$540,000 to the Montana State Water Conservation Board for construction of an earth-fill dam on Tongue River Reclamation Project, about 12 miles inside Montana line to provide supplemental water supply for present irrigable land.

The dam, which will be 115 feet high, is designed to impound 75,000 acre feet. Construction cost is estimated at \$842,000.

The work will involve:

- Tongue River Dam:**
- (1) 850,000 cu. yd. earthfill;
  - (2) 240,000 cu. yd. rock fill, small rock;
  - (3) 12,000 cu. yd. spillway excavation, earth and rock;
  - (4) 2,400 cu. yd. concrete, in spillway.
- Tower-Tunnel & Portals:**
- (5) 10,000 cu. yd. rock excavation;
  - (6) 5,000 cu. yd. earth excavation;
  - (7) 1,830 cu. yd. concrete lining in tunnel;
  - (8) 600 cu. yd. concrete lining in portals;
  - (9) Blanket coal seams;
  - (10) 15,000 cu. yd. excavation;
  - (11) 18,000 cu. yd. backfill.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BONDS VOTED

**HEALDSBURG Sonoma Co., Cal.**—A proposal to issue \$35,000 in bonds, to finance construction of a modern principal sewage pumping plant and treatment works carried at a special election April 20 by a vote of 329 to 43.

Harry N. Jenks, 2701 Revenue, Berkeley, consulting engineer.

#### PLANNED

**ORANGE COUNTY, Calif.**—Seven cities of the eight constituting the Joint Outfall Sewer Dist. of Orange County favor the construction of individual treatment and reclamation plants rather than reconstruction of the joint outfall. Santa Ana alone is supporting the reconstruction work. Fullerton has procured an estimate of the cost of constructing such a plant as compared with the repair of the old line. The new work will cost \$100,000 as against \$121,579, basing the estimate upon a capacity of 2,000,000 gallons. Orange is also considering a treatment plant. E. P. Haggood, city engineer of Anaheim, reports that Anaheim is also making studies of the reclamation method of disposal. Santa Ana has received from S. Kennedy, consulting engineer, 74 New Montgomery St., San Francisco, an estimate of \$37,660 for reconstruction of the line, the cost to be divided among eight cities according to the capacity required by the various cities.

#### CONTRACT AWARDED

**SCHOFFIELD BARRACKS, T. H.**—Ralph E. Woolley, Cook Bldg., Honolulu, at \$49,000, awarded contract by the Constructing Quartermaster, Schofield Barracks, for the construction of an addition to the sewage disposal plant facilities, including sewage tank, sprinkling filter, piping, manholes, etc.

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—W. J. Tobin, 556 Howard St., San Francisco, at \$382,500, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,032, for the construction of a main sewer in an easement from northerly termination of August Avenue to Union Street.

#### BIDS REJECTED

**ROSEVILLE, Placer Co., Calif.**—Roseville City Council has rejected all bids received for construction of the Washington Street sewer project, involving installation of 308 ft. of 36-in. corrugated iron pipe beneath the S. P. right of way, from Pacific to Atlantic Street. The work will be done by day's labor.

W. Terrell, Sacramento, at \$4,140, submitted lowest bid.

City Engineer Edward Von Geldern estimated the work at \$3,226.

#### CONTRACT AWARDED

**LODI, San Joaquin Co., Calif.**—Fairbanks Morse & Co., Spear and Harrison Sts., San Francisco, at \$721, submitted low bid and awarded contract by the Lodi City Council, J. F. Blakely, City Clerk, for furnishing one variable capacity sewage pump complete with variable speed drive consisting of a 3-phase, 60-cycle, 220-volt electric motor and suitable speed changing drive. Pump to handle screened domestic sewage from a screening having 1/16 x 2-in. slots. The pump capacity must range from not more than 400 gals. per minute at a total pressure head of 11.1 ft. from suction to discharge of pump measured at the same level to 1400 gals. per minute at a total pressure head of 13.6 ft.

Complete bids follow:  
Fairbanks Morse & Co., S. F.—\$721;  
alternate, \$916.70  
Sterling Pump Corp., Stockton—\$925.44  
Victor Equipment Co., Los Angeles—\$1,080.  
Allis Chalmers, S. F.—\$1,230.

#### CONTRACT AWARDED

**MANTECA, San Joaquin Co., Calif.**—W. J. Tobin, 3701 Balfour Avenue, Oakland, at \$4,627.40, submitted low bid and awarded contract by the

Manteca City Council for the construction of a sanitary sewer.

The work involves:  
(1) 1,322 lf. 10-in. vitrified clay pipe;  
(2) 1,196 lf. 12-in. vitrified clay pipe;  
(3) 12 brick manholes;  
(4) 2 10x10-in. vitrified clay wye branches.

Total bids follow:

(A) W. J. Tobin, Oakland,.....	\$4,627.40
(B) A. J. Clausen, Berkeley.....	5,841.26
(C) John F. White, Oakland.....	6,140.20
(D) Martin Murphy, Berkeley.....	8,764.00
(E) Robert B. McNair, Oakland.....	8,860.00

Unit bids follow:

(A)	(B)	(C)	(D)	(E)
\$1.340	\$1.177	\$2.10	\$3.00	\$3.10
1.60	1.96	2.30	3.00	3.30
70.00	100.00	73.00	100.00	67.50
2.50	2.50	3.00	5.00	2.50

Ohm & Raab, 109 E. Weber Ave., Stockton, Engineers.

#### BIDS WANTED

**LOS ANGELES, Cal.**—Until May 3 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 710, 207 S. Broadway, for constructing the Holly Drive Storm Drain and appurtenant work, PWA Docket 1929-R, Unit No. 2 (supplementary). Spec. X-101, were:  
(a) Construction of storm drain complete in Holly Drive, from San Marco Drive to a point 60 ft. south of Bryn Mawr Drive, and across private right of way at each end of project, located below the Hollywood Reservoir, lump sum;  
(b) 149 lf. 36-inch water mains to be removed and same length installed, per lf.

Note: Storm drain involves 24-42-in. and 51-in. rigid centrifugal concrete pipe, and 15-standard strength cement pipe.

### 33—WATER WORKS

#### BIDS OPENED

**SALEM, Ore.**—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, and Chapman & Vau-Cour, 6 Indian Orchard, Mass. (combination bid) at \$74,716 submitted lowest bid for all cast iron pipe, to the Salem City Council for furnishing materials for water mains.

For welded steel pipe, low bid of \$60,846 was submitted by Beall Pipe & Tank Co., Portland, in combination with U. S. Pipe & Foundry Co. and Chapman Valve Co., Wallace & Tiernan, Terminal Sales Bldg., Seattle, at \$2,916 submitted the only bid for two chlorinators to be installed in gravity line near Stayton.

Stevens & Koon, Spalding Bldg., Portland, consulting engineers.

#### BIDS OPENED

**LAURIER, Wash.**—San Jose Well & Pump Co., 1550 W. San Carlos, San Jose, at \$3,897, bid qualified by District Engineer Wm. A. Newman, 238 Federal Office Bldg., San Francisco, for the construction of a water supply system for the Inspection Station Laurier, including drilling a water supply well, furnishing and installing motor-driven pump, and pump house.

A. A. Durand, Walla Walla, at \$1,500 submitted the only other bid.

#### BIDS WANTED

**LOS ANGELES.**—Until April 27, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 710, 207 S. Broadway, for furnishing and erecting 12,000-gallon water tanks and 60-ft. towers on department's footings at Silver Lake and Victoryville. Spec. 2243.

(1) One welded steel water tank,

erected on bolted steel tower, including footing anchors, Silver Lake switching station;

**BIDS WANTED**

**SAN FRANCISCO**—Until April 28, 2:30 P. M., bids will be received by the Department of Public Works, City Hall, under Spec. No. 19,004, for the construction of Section C of the Embarcadero District high pressures system. Estimated cost, \$50,000.

The work involves:

- (1) 110 lengths approx. 115 tons of 14-inch Class H double spigot plain pipe, furnished, tested and delivered;
- (2) (9 lengths) approx. 6 tons 10-in. Class H double spigot lugged pipe furnished, tested and delivered.

**NOTE:** Items Nos. 1 and 2 cast iron pipe shall be furnished by the contractor.

**Cast Iron Pipe and Special Castings in Place**

- (3) 1269 lf. 14-in. Class H double spigot plain pipe;
- (4) 150 lf. 14-in. Class H double spigot lugged pipe;
- (5) 291 lf. 10-in. Class H double spigot plain pipe;
- (6) 96 lf. 10-in. Class H double spigot lugged pipe;
- (7) 154 lf. 8-inch Class H bell and spigot lugged pipe;

**NOTE:** Items Nos. 3 to 7 inclusive, some of the pipe and special castings will be furnished by the city. Such pipe as the city does not have on hand shall be furnished by the contractor under Bid Items Nos. 1 and 2. Such special castings as the city does not have in stock shall be furnished by the contractor as herein-after called for.

- (8) 5 each 8-in. gate valves, furnished, tested and delivered;
- (9) 5 each, standard h.p. hydrants furnished, tested and delivered;

**NOTE:** Items Nos. 8 and 9 shall all be furnished by the contractor.

- (10) 3 each 12-in. banded gate valves in place;
- (11) 1 ea. 10-in. gate valves in place
- (12) 6 each, 8-in. do;
- (13) 6 each, standard h.p. hydrants, in place.

**NOTE:** Items 10, 11, 12 and 13, some valves and hydrants for these items shall be furnished by the contractor under bid items 8 and 9.

- (14) 16,200 lbs. pig lead furnished, & delivered;
- (15) 28,300 lbs. cast steel special castings, furnished and delivered;
- (16) 2,800 lbs. cast iron special castings, furnished and delivered;
- (17) 1924 lbs. manhole, valve box, cast iron frames, covers and dust pans, furnished and placed;
- (18) 8250 lbs. wrought iron bolts, nuts washers and tie rods, furnished and placed;
- (19) 1140 lbs. reinforcing steel furnished and placed;
- (20) 15.5 c.y. Class "B" concrete, in place;
- (21) 1200 c.y. excavation and backfilling;
- (22) 5700 sq. ft. asphaltic concrete paving (2-in. 6-in. Class F concrete);
- (23) 96 sq. ft. concrete sidewalk, 2-course;
- (24) 4 c.y. crushed rock, furnished and placed;
- (25) lump sum, alteration to existing high pressure.

Plans and specifications obtainable from the office of City Engineer J. J. Casey, Room 356, City Hall, upon deposit of \$10.00.

**34—PARKS AND PLAY GROUNDS**

**CONTRACT AWARDED**

**SAN MATEO CO.** Calif.—Rexroth & Rexroth, 2110 C Station A Ba-

kersfield at \$2691.50 awarded contract by the State Division of Highways C. H. Purcell State Highway Engineer Sacramento for trimming roadside trees between Millbrae and San Mateo.

**NEW BIDS WANTED**

**SAN ANSELMO**, Marin Co., Calif.—Until May 11, 8 p.m., lump sum bids will be received by the San Anselmo City Council, F. D. Burrows, City Clerk, City Hall, for the construction of two asphaltic type tennis courts at the San Anselmo Recreation Park and Plaza, adjacent to the Red Hill School and Sonoma Ave.

Bids will be received on nine alternate types of surfacing, as follows:

- (1) Laykold surface;
- (2) Calrock surface;
- (3) Sealcoat surface;
- (4) Slurry base and laykold surf;
- (5) Armor coat and base and sealcoat base;
- (6) Armor and seal coat, emulsified;
- (7) Slurry base and sealcoat surface;
- (8) Armor coat base and laykold surface, emulsified;
- (9) Calrock surface, emulsified.

Plans and specifications obtainable from the above office upon deposit of \$5.00.

**BIDS WANTED**

**WOODLAND**, Yolo Co., Calif.—Until May 11, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Woodland.

Drawings and specifications, not exceeding one set, may be obtained from the above office and from the Custodian of the Building at Woodland.

**BIDS WANTED**

**SANTA ANA**, Orange Co., Calif.—Until May 3, 5 p.m., to be opened at 7:30 p.m., bids will be received by the Santa Ana city council for furnishing and erecting 7-ft., 9-gauge, 2-in. mesh galvanized chain link fencing, with gates and appurtenances, as follows:

- (1) 783 ft. fat water department property at First, Walnut, Darton and Flower Streets;
- (2) 911 ft. at the Municipal Bowl.

Specifications may be obtained from the office of Lloyd H. Banks, Purchasing Agent. Certified check for 10% must accompany each proposal. E. L. VEGELY, city clerk

**SAN FRANCISCO—Diamond St. Reconstruction—(City)**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$3,754.75 submitted low bid to the Department of Public Works, City Hall, for the reconstruction and widening of Diamond St. between Surrey and Sussex streets.

The work involves:

- (1) 715 lf. stone curb reset;
- (2) 55 lf. armored concrete curb, in place;
- (3) 5 each brick catchbasins reset or reconstructed;
- (4) 20 lf. 10-in. VCP culvert in place
- (5) 60 lf. 6-in. VCP side sewer, in place;
- (6) 1750 sq. ft. two-course concrete sidewalk;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$0.40	\$0.50	\$3.90	\$0.30	\$0.70	\$0.60	\$0.70	\$1.00
(2)	1.00	1.00	1.10	70	1.00	85	1.50	80
(3)	40.00	50.00	40.00	45.00	50.00	60.00	80.00	51.00
(4)	1.50	1.00	2.00	1.00	1.00	1.25	2.00	1.10
(5)	1.00	1.00	1.50	70	1.00	1.19	1.50	1.15
(6)	.15	.33	.15	12	.20	1.10	1.14	1.45
(7)	.25	.24	.24	35	.30	.75	.25	.29
(8)	6.00	5.00	7.00	5.00	8.00	6.00	8.00	7.50
(9)	.26	.26	.23	3.09	.28	2.93	.28	3.06

**BIDS OPENED**

**SAN MATEO COUNTY**—Rexroth & Rexroth, 2110 C Station A, Bakersfield, at \$2,691.50 submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for trimming roadside trees between Millbrae and San Mateo.

The work involves:

- (1) 41 trees removed and disposed of;
- (2) 105 leaders removed and disposed of;
- (3) 150 laterals removed and disposed of;
- (4) 600 lf. cable, in place;
- (5) 200 lbs. hardware.

Total bids follow:

- (A) Rexroth & Rexroth, Bakersfield, \$2,691.50.
- (B) Davey Tree Surgeon Co., San Francisco, \$5,857.75.
- (C) Sohner Tree Service, San Anselmo, \$10,350.00.
- (D) Union Paving Co., San Francisco, \$13,020.00.
- (E) A. G. Raisch, San Francisco, \$14,570.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)...	\$19.00	\$92.00	\$77.50	\$90.00	\$145.00
(2)...	6.00	9.55	38.50	48.00	45.00
(3)...	2.75	1.38	6.20	10.00	6.00
(4)...	.40	.553	.60	1.00	1.50
(5)...	.40	1.75	3.00	1.00	1.00

**35— TUNNELS**

**BIDS WANTED**

**LOS ANGELES**—Until April 27, 2 p.m., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for the constructing new concrete pipe tunnels between Tunnel in Eucalyptus St. and the Occupational Therapy Shops Building, Rancho Los Amigos, near Downey, Specification No. 387. The tunnel will be part 2 ft. x 2 ft. to 2 ft. x 2 ft. 2 in., 30 ft. long, inside dimensions, and part 3 ft. 9 in. to 4 ft. 3 in. x 3 ft., 56 ft. long, inside dimensions.

R. E. Shoner, tenth floor, Hall of Records, County Mechanical Engineer; Mame B. Beatty, Clerk of the Board.

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States

**"Daily Pacific Builder"**

- (7) 225 sq. ft. asph. concrete pavement consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surface;
  - (8) 6 tons asphaltic concrete conform pavement;
  - (9) 10,650 sq. ft. 6-in. Class E concrete pavement.
- Total bids follow:
- (A) Eaton & Smith ..... \$3,754.75
  - (B) M. J. Lynch ..... 3,823.00
  - (C) Lowrie Paving Co. .... 3,812.00
  - (D) E. J. Treacy ..... 4,148.60
  - (E) Chas. L. Harney ..... 4,339.00
  - (F) Fay Improvement Co. .... 4,424.10
  - (G) U. Peira & Son ..... 4,444.25
  - (H) A. G. Raisch ..... 4,776.00

Units bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(7)	\$0.40	\$0.50	\$3.90	\$0.30	\$0.70	\$0.60	\$0.70	\$1.00
(8)	1.00	1.00	1.10	70	1.00	85	1.50	80
(9)	40.00	50.00	40.00	45.00	50.00	60.00	80.00	51.00
(4)	1.50	1.00	2.00	1.00	1.00	1.25	2.00	1.10
(5)	1.00	1.00	1.50	70	1.00	1.19	1.50	1.15
(6)	.15	.33	.15	12	.20	1.10	1.14	1.45
(7)	.25	.24	.24	35	.30	.75	.25	.29
(8)	6.00	5.00	7.00	5.00	8.00	6.00	8.00	7.50
(9)	.26	.26	.23	3.09	.28	2.93	.28	3.06

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## WAR DEPARTMENT

**SACRAMENTO**—Until April 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-201, for furnishing cable cutters, cutting shears, nail hammers, ball-pin hammers, machiust vise, wiping rags, etc.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

**SACRAMENTO**—Until April 28, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-202, for furnishing one metal three-arm protractor, f.o.b. Rio Vista.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until April 29, 10 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-56, for furnishing paint and paint materials.

Specifications obtainable from the above office.

**FORT McDOWELL, Calif.**—Until April 30, 10:30 A. M., bids will be received by the Quartermaster, Fort McDowell, under Proposal No. QM 356-37-29, for furnishing lumber, plywood, nails, asphalt, felt, pipe, valves and fittings, etc.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 29, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-383, for furnishing 17,104 ft. h.m. Douglas fir lumber, carriage bolts, common nails, wood screws, chains, etc.

Specifications obtainable from the above office.

**FORT MASON**—Until April 30, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-380, for furnishing 5 coils galvanized coated steel wire, and 176 lights flat glass, for glazing purposes.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until April 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-196, for furnishing key socket bases, brass caps, etc.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until April 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-200, for furnishing steam hose and oil-suction hose.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until April 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-198, for furnishing special hydraulic and high pressure packing.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until April 29, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-379, for furnishing one gasoline power-driven lawn mower, 20-inch cutting width, heavy duty type, 1½-h.p.

Specifications obtainable from the above office.

**LOS ANGELES, Cal.**—Until April 30, 3 P. M., bids will be received by the U. S. Engineer, 73 1/2 Figueroa St., Los Angeles, for furnishing 580,000 lbs. fabricated steel and other metal work incidental to the superstructure for the Del Rey-Pacific Electric Railway Bridge over Balboa Creek. Bid bond 10% must accompany bid. Circ. Prop. No. 292.

**SAN FRANCISCO**—Until April 28, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-256, for furnishing 360 ft. terra cotta pipe, 104 ft. seamless or welded steel pipe and pipe fittings.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

**SAN FRANCISCO**—Until April 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-255, for furnishing 6,774 FBM Douglas fir lumber.

Delivery f.o.b. Pier 35, San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO**—Until May 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-258, for furnishing 3,300 ft. h. fencing, one 12 ft. double swing gate, three corner posts and one end post.

Delivery f.o.b. Fort Funston.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

APRIL 20, 10 A. M.:

BID NO. 3725—5,000 gals. stabilizer; f.o.b. Migratory Labor Camp, Arvin.

APRIL 22, 10 A. M.:

BID NO. 3728—85,000 FBM Oregon pine lumber; f.o.b. Zoological Gardens, Sunset near Skyline Blvds., San Francisco;

BID NO. 3726—1,500 cu y. ready-mixed concrete, Class E; f.o.b. streets and sidewalks, San Francisco;

BID NO. 3727—16,333 FBM Oregon pine lumber; f.o.b. Harding Park, 18th Ave. and Nans Road, San Francisco.

Specifications obtainable from the above office.

**SAN FRANCISCO**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

April 26, 10 A. M.

BID NO. 3746—100 rolls asphalt saturated felt and 2 tons roofing asphalt; f.o.b. Colfax Elementary School, Colfax.

BID NO. 3745—550 sacks portland cement; f.o.b. State Fair Grounds, Stockton Blvd. at Fifth Ave., Sacramento.

BID NO. 3744—5075 sacks portland cement; f.o.b. Lodi City Warehouse.

BID NO. 3743—110 tons type SC-1A liquid asphalt; f.o.b. vendor's refinery in tank cars and/or f.o.b. Los Banos.

April 27, 10 A. M.

BID NO. 3750—40,000 ft.h.m. Oregon pine lumber; f.o.b. Geneva Ave., near Rio Verde, S. F.

BID NO. 3751—8,407 sq. ft. Douglas fir plywood; f.o.b. Zoological Gardens, Sunset near Skyline Blvds., San Francisco.

BID NO. 3752—6,900 ft.h.m. Redwood lumber; f.o.b. West Side Irrig. Div. Pump House, 1 mile east of Bethany, San Joaquin County.

April 29, 10 A. M.

BID NO. 3748—Marble; f.o.b. Santa Clara Public Cemetery, Santa Clara.

Specifications obtainable from the above office.

## KERN COUNTY

**BAKERSFIELD, Kern Co., Calif.**—Until April 28, 7:30 p.m., bids will be received by the Board of Education of the Bakersfield School District (Florence C. Porter, Secretary), 1600 K St., Bakersfield, for furnishing one 90-passenger school bus.

Specifications obtainable from the above office.

## EAST BAY UTILITY DIST.

**OAKLAND, Calif.**—Until April 28, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, as follows: Spec. No. LS 195—3,325 water meters, size ½- to 1½-in.;

Informal Proposal No. 867—2,600 tons gravel;

Informal Proposal No. 866—5,500 blbs. portland cement concrete

Specifications obtainable from the above office.

## SAN FRANCISCO CITY

**SAN FRANCISCO**—Until April 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1790, for furnishing hub and gate valve for the San Francisco Water Department, as follows:

- (1) 50 4-inch;
- (2) 300 6-inch;
- (3) 200 8-inch.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LATHES, motor-driven toolmaker's engine; East or West Yard. Sch. 437; April 27.

TUBES, steel boiler; East and/or West Yards. Sch. 417; April 27.

REFRIGERATION PLANTS, spare parts and tools; East & West Yards. Sch. 444; April 27.

COMPRESSOR, air, 75 cu. ft. per min., 150-lb. pressure, air-cooled, motor-driven, and spares; Puget Sound. Sch. 415; April 27.

WINDLASSES, 7, and spares; East & West Yards. Sch. 418; April 27.

ROPE, wire, and seizing strand; East and West Yards. Sch. 394; April 27.

GENERATOR, diesel driven, 125-kva.; East or West Yard. Sch. 499; April 30.

CLOTHES, wiping, 23,200 lbs., cotton; San Diego. Sch. 5855; supplemental bid Apr. 30.

CRANE, 2-ton capacity, overhead, traveling, bridge electric, double digger, three motor, floor operated; Ostrich Bay, Wash. Sch. 425; April 30.

SWITCHBOARD, 1 power panel, combination main distribution, 3-phase, 250 volts, 60 cycles; San Diego. Sch. 477; April 30.

GASOLINE, 750,000 gals. high octane aviation (87 octane grade); Los Angeles. Sch. 387; May 4.

PUMPS, motor-driven fresh water; East & West Yards. Sch. 490; May 4.

EQUIPMENTS, salinity indicator, and spares; East & West Yards. Sch. 489; May 4.

TUBING, seamless steel; Puget Sound. Sch. 457; May 4.

PUMP, test, hydraulic, air-operated, plunger type; Mare Island. Sch. 459; May 4.

BLOCKS, nozzle, for turbines; East & West Yards. Sch. 498; May 4.

HOIST, pneumatic, 6,000 lbs. capacity, pneumatic motor, geared hoist; Puget Sound. Sch. 481; May 4.

SAW, motor-driven power hack; San Pedro. Sch. 480; May 4.

VALVES and cocks, composition; East & West Yards. Sch. 482; May 4.

FURNACE, electric; San Diego. Sch. 479; May 4.

MASKS, 500, half, with filter cartridge; Mare Island. Sch. 466; May 4.

ALUMINUM, foil, and rods; and tubing, bar, hinge stock, and forgings, aluminum alloy; East & West Yards. Sch. 468; May 4.

TRUCKS, 4, industrial electric, four wheels, hoisting, with special boom, complete with storage battery; Mare Island. Sch. 506; May 7.

PACKINGS; East & West Yards. Sch. 404; May 11.

Information obtainable from the above office and from Headquarters, 2th Naval District, Federal Office Bldg., San Francisco.

## ALAMEDA COUNTY

BERKELEY, Alameda Co., Calif.—Until April 27, 10 a. m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, for furnishing 500 tons, more or less, of Type B and Type C asphaltic concrete.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

SAN FRANCISCO.—Until April 28, 2 P. M., bids will be received by George D. Huestis, Assistant Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1070, for furnishing 610 sacks of cement; fob bidder's shipping point and/or Yreka.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 28 2 P. M., bids will be received by P. C. Brown, Procurement Officer, 1024 Phelan Bldg., San Francisco, under Bid No. 1072, for furnishing four circulating heaters, designed primarily for burning wood.

Delivery fob bidder's shipping pt. and/or Susanville.

Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

APRIL 27, 2 P. M.

EID NO. 4629—200 ft. leather link V type heating; f.o.b. bidder's shipping point and/or Government Island.

EID NO. 4628—250 transposition brackets; f.o.b. bidder's shipping point and/or Pacoima.

EID NO. 4632—New Chevrolet replacement parts, and/or lump sum allowance or cash offer on used equipment; i.e.b. bidder's shipping point and/or Government Island.

EID NO. 4634—New Chevrolet replacement parts, and/or lump sum allowance or cash offer on used equipment; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, and by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

APRIL 27, 2 P. M.:

EID NO. 4628—1,500 ft. 3/4-in. back pack pump hose; fob bidder's shipping point and/or 800 ft., Portland and 700 ft. to Government Island.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 27 2 P. M., bids will be received by G. D. Huestis, Assistant Procurement Officer, Forest Service, 1024 Phelan Bldg., San Francisco, under Bid No. 1071, for furnishing four wood and coal burning ranges, complete with water coil and warming oven.

Delivery fob bidder's shipping pt. and/or Mt. Shasta.

Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until May 3, 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 50 steel muck cars fob bidder's shipping point.

Cashier's or certified check 5% must accompany bid. Bids will be publicly opened in Room 504, 306 W. 3rd St. Bid No. 81476.

## CALIFORNIA STATE

SAN DIEGO.—Until April 28, 3 p. m., bids will be received by the State Highway Department, care of R. J. Carlisle, superintendent of equipment, Shop II, Division of Highways, 664 Front St., San Diego, for the sale of the following used equipment:

CHC 4799—Automobile, Ford pickup, 4-cylinder, 1933.

CHC 42—Bulldozer backfiller, Woodridge model TB-2 for Caterpillar 35.

CHC 191—Snow plow, Baker model 87, Speed type, for 1 1/2-2-ton truck.

Two sets Caterpillar 35 track links (used).

Bidders may make offers for each item. The equipment may be inspected at the Division of Highways yard at 664 Front St., San Diego, on any working day between the hours of 8:30 a. m. and 4:30 p. m.

SAN BERNARDINO.—Until April 28, 3 p. m., bids will be received by J. M. O'Malley, superintendent of equipment, Division of Highways, 272 2nd St., San Bernardino, for the sale of the following equipment:

CHC 72—Snow plow, Austin-Western V type, 9-ft. blade, for motor grader.

CHC 79—Snow plow, Austin-Western V type, 9-ft. blade, for motor grader.

CHC 103—Snow plow, Gallon V type, 9-ft. blade, for motor grader.

CHC 4733—Ford touring car, model B, 1933.

CHC 4735—Ford touring car, model B, 1933.

CHC 4844—Ford tudor sedan, model B, 1933.

Bidders may make offers for one or more items. Equipment may be inspected at the Division of Highways yards, 272 2nd St., San Bernardino, from 8:30 a. m. to 4 p. m. on any working day.

## RECLAMATION BUREAU

SHOSHONE PROJECT, Wyoming.—Until April 30, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 916-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Cody, Wyoming, approximately 52,000 lbs. of modified or standard portland cement in cloth sacks, for the Shoshone Canyon conduit and the Heart Mountain Canal, Heart Mountain Division, Shoshone Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

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## IN THIS ISSUE



**Stockton Underpass and Coast  
Grading Bids Called**



*Bureau Invites Shasta Surfacing Proposals*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
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SAN FRANCISCO, CALIF., MAY 1, 1937

No. 15

## BUREAU SEEKS PROPOSALS ON SHASTA WORK

**Bids May 18 on 16-Mi. Armor Coat Project; \$115,000 Programmed**

The first of two Shasta National Forest highway contracts for which \$365,000 has been allotted in the forest road program for the fiscal year 1938 was authorized for advertising yesterday by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads.

Bids on the contract, for armor coat surface treatment of 16.16 miles of the Mt. Shasta-Mt. Lassen National Forest highway, will be opened at the Bureau's San Francisco office May 18.

The bureau has budgeted \$115,000 for the project, which involves placing surface course and bituminous treatment on Sections D and E of the highway, Route 77. Work is located in Siskiyou and Shasta counties.

### Top Course

Principal items include 45,000 tons crusher run top course; 1,125,000 gallons watering; 3800 tons cover, and others.

Plans and specifications may be obtained by contractors desiring to figure the project upon application to the bureau office in San Francisco. A deposit of \$10 is required.

The remaining Shasta National Forest contract to be advertised in the 1938 program includes grading the remaining uncompleted section of the Mt. Shasta-Mt. Lassen highway, about five miles in length between Four Corners and Cayton. Work under this contract will include construction of a bridge over Lake Britton Narrows.

The grading project has been allotted \$250,000. The projects are two of ten California projects which have been allotted a total of \$1,166,000 in the program for the 1938 fiscal year.

## BOILER PRODUCTION UP

Production of galvanized range boilers for February, 1937, was 106,168 units, as compared with 107,345 for the same month in 1936, according to the monthly report of the Bureau of Census.

## STATE ADVERTISES COAST GRADING CONTRACT, UNDERPASS IN STOCKTON

SACRAMENTO, April 27.—Two major contracts for which nearly \$1,000,000 has been programmed, today were authorized for advertising by the State Highway Commission, with bids on both scheduled for opening May 19 in Sacramento.

Out for bids are a 3.3 mile grading and surfacing project in San Luis Obispo county, with approximately \$665,000 of 1936-37 highway funds budgeted for its construction; and the \$325,000 Wilson Way underpass in Stockton.

The San Luis Obispo county project is located between San Luis Obispo Creek and Cuesta Siding, and involves grading, surfacing with plant-mixed surfacing, medium curing type, on crusher run base.

### Sixty-Eight Items

Contractors will submit unit prices on 68 items, including alternative proposals for metal or reinforced concrete headers.

Major items include 915,000 cubic yards roadway excavation; 3,310,000 station yards overhaul, and numerous others.

The Stockton project involves construction of a steel and concrete undergrade crossing under the Atchison, Topeka & Santa Fe tracks at Wilson Way, and paving with Portland cement concrete and asphalt concrete about 0.29 of a mile.

Forty-four bidding items will be figured by contractors, including 33,000 cubic yards of unclassified roadway excavation; 10,000 cubic yards structure excavation; 352,000 pounds structural steel; 3,250 cubic yards Class A Portland cement concrete in structures, and numerous others.

## FIRST HIGH SPEED LIFTS FOR ITALY

The first high speed gearless elevator equipment for Italy will be installed in the fifteen-story office building of the Monacatini Company, a chemical concern located in Milan. The order covering equipment for twenty elevators has been received by the Westinghouse Elevator Company, according to an announcement of Frank Reed, president.

## LICENSE BOARD OPENS OAKLAND BRANCH OFFICE

**Takes Quarters on 15th Street; Inspector Examination Date Set**

For the convenience of Alameda county contractors, the State Contractors' License Board announces the opening of a branch office in the Dalziel building, on Fifteenth street between Clay and Washington streets in Oakland.

The office will be a clearing house for contractors' business, though no one will be appointed to remain there throughout the day, according to officials.

Arrangements have been made to handle telephone calls, however. The telephone number is Glencourt 1200. It is planned to have one or more inspectors at the office between 3 and 5 P. M. Inspectors in the district are Leonard Ford and August Rahlves.

Coincident with the announcement of the new office, the State Personnel Board set the date for a civil service examination for the position of inspector with the State Contractors' License Board.

Last week the old eligible list was cancelled and the examination is for the purpose of providing a new list. The examination will be held May 15. Applications must be filed with the State Personnel Board before midnight, May 8.

Shipments of galvanized range boilers for February, 1937, amounted to 107,345 units, as compared with 62,300 units shipped during the same month in 1936, the Bureau of Census reports.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't
1043-44	Arnott	Owner	4000
1045-51	Arnott	Owner	2000
1052	Benedetti	Owner	4500
1053	Brownscombe	Owner	1000
1054	Fratessa	Owner	2000
1055	Harlan	Owner	5000
1056	Harlan	Owner	5000
1057	Kroner	Owner	1000
1058	Nolan	Bourdieu	2000
1060-62	Bay Cities	Owner	4000
1063-65	Bay Cities	Owner	5000
1066	Calif.	Owner	2400
1067	Geneva	Owner	4000
1068	Hibernia	Coburn	2000
1069	Pelsing	Augenstein	2000
1070-1074	Stoneson	Owner	3500
1075	Christensen	Owner	3500
1076	Gallin	Owner	1500
1077	Goden	Schell	4000
1078	Guinasso	Owner	4000
1079-1083	Mohr	Owner	3500
1085	Burr	Stahl	3000
1086-88	Galli	Owner	3750
1088-91	Galli	Owner	4500
1092	Haight	Williams	3500
1093	Haight	Williams	3500
1094-98	Happy	McKeen	4000
1099	Investors	Earrett	2000
1100	Leregen	Owner	4000
1101	Richfield	Gettins	2000
1102	Romagnolo	Owner	3500
1103	Sergo	Owner	3500
1104	Sullivan	Kelly	1000
1105	Wesson	Sbarboro	10000
1106	Weyburn	Foster	3000
1107	Wold	Wold	4750
1107	Freitas	Owner	1000
1108	Hawkins	Owner	4500
1109	Hope	Owner	1000
1110	Jarkich	Owner	4000
1111	Martin	Lehman	1950
1112	McLean	Anderson	4500
1113	Sbarboro	Owner	9000
1114	Anisimer	Owner	2000
1115	Stelling	Malloch	5000
1116	Williams	Jenkins	1000

### DWELLING

(1043) E 15th AVE. 199 S Rivera. One - story and basement frame dwelling.  
 Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$4,000

### DWELLING

(1044) E 15th AVE. 168 S Rivera. One - story and basement frame dwelling.  
 Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$4,000

### DWELLING

(1045) W 45th AVE. 250 S Vicente. One - story and basement frame dwelling.  
 Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1046) W 45th AVE. 175 S Vicente. One - story and basement frame dwelling.  
 Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1047) W 45th AVE. 150 S Vicente. One - story and basement frame dwelling.  
 Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1048) W 45th AVE. 225 S Vicente. One - story and basement frame dwelling.

Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1049) W 45th AVE. 125 S Vicente. One - story and basement frame dwelling.

Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1050) W 45th AVE. 200 S Vicente. One - story and basement frame dwelling.

Owner and Builder—Jas. Arnott and Son, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1051) W 45th AVE. 275 S Vicente. One - story and basement frame dwelling.

hOwner and Builder—Jas. Arnott & Sons, 633 Taraval.  
 Architect—Not Given. \$2,000

### DWELLING

(1052) E CAYUGA 265 S San Juan. One - story and basement frame dwelling.

Owner and Builder—A. De Benedetti & Son, 100 Brazil.  
 Architect—Not Given. \$4,500

### DWELLING

(1053) SW INNES 225 SE Earl. One-story frame dwelling.

Owner and Builder—Rita G. Brownscombe, 315 New Montgomery.  
 Architect—Not Given. \$1,000

### DWELLING

(1054) S TEDDY 75 E Delta. One-story and basement frame dwelling.

Owner and Builder—Jos. S. Fratessa, 1532 Florida.  
 Architect—Not Given. \$2,000

### DWELLING

(1055) E 28th AVE. 50 N Rivera. One - story and basement frame dwelling.

Owner and Builder—H. F. Harlan, 225 Hyde Street.  
 Architect—C. O. Clausen, 746 46th Avenue. \$5,000

### DWELLING

(1056) E 28th AVE. 25 N Rivera. One - story and basement frame dwelling.

Owner and Builder—H. F. Harlan, 225 Hyde Street.  
 Architect—C. O. Clausen, 746 46th Avenue. \$5,000

### ALTERATIONS

(1057) 425 GRANT AVENUE. Alter store.  
 Owner and Contractor—Louis Kroner, 158 Jordan.  
 Architect—Not Given. \$1,000

### ALTERATIONS

(1058) 3080 WASHINGTON Street. Alter flats.  
 Owner—Alta Nolan, 3080 Washington Street.

Contractor—J. B. Bourdieu, 2625 20th Street.  
 Architect—Francis Lloyd, 260 Pine Street. \$2,000

### APARTMENTS

(1059) N PACIFIC 121 E Gough St. Six-story Class C apartments.  
 Owner—Frances Skelly, 321 Kearny.  
 Contractor—Oliver M. Rousseau, Inc. 321 Kearny Street.  
 Architect—H. C. Baumann, 251 Kearny Street.

Engineer—James Smith, 251 Kearny Street. \$150,000

### DWELLING

(1060) E. TAMALPAIS, 215 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ St.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

### DWELLING

(1061) E. TAMALPAIS, 165 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ St.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

### DWELLING

(1062) E. TAMALPAIS, 90 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ St.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

### DWELLING

(1063) E. TAMALPAIS, 140 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ Bldg.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

### DWELLING

(1064) E. TAMALPAIS, 115 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ St.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

### DWELLING

(1065) E. TAMALPAIS, 190 S TURK. One-story and basement frame dwelling.

Owner—Bay Cities Bldg. Co., 160 Russ St.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

### GREENHOUSES (6)

(1066) S. ALEMANY BLVD., 120 E ST. CHARLES. Six one-story frame greenhouses.

Owner—California Evergreen Nurseries, Inc., 298 Gottinger.  
 Architect—Not Given. \$400 each

### GREENHOUSES (8)

(1067) N. SUNNYDALE, 520 W OF SCHWERN. Eight 1-story frame greenhouses.

Owner—Geneva & Sunnydale Nurseries, Inc., 250 Schwern St.  
 Architect—Not Given. \$500 each

### ALTERATIONS

(1068) 155 TURK ST. Alter apartments.

Owner—Hibernia Bank, Jones and McAllister; contractor, Ira W. Coburn, 2048 Market St.  
 Architect—Not Given. \$2000

### ALTERATIONS

(1069) 124 ROMAINE ST. Alter dwelling.

Owner—Ruth Pelsing, 124 Romaine.  
 Contractor—A. E. Augenstein, Jr., 132 Judson Ave.  
 Architect—W. E. Huson, 3275 San Bruno. \$2000

### DWELLING

(1070) SW MT. VERNON, 75 SE CAYUGA. One-story and basement frame dwelling.

Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

**DWELLING**  
(1071) SW MT. VERNON, 100 SE CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

**DWELLING**  
(1072) SW MT. VERNON, 25 SE CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

**DWELLING**  
(1073) SW MT. VERNON, 125 SE CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

**DWELLING**  
(1074) SW MT. VERNON, 50 SE CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$3500

**DWELLING**  
(1075) E. 45TH AVE., 100 N KIRKHAM. One-story and basement frame dwelling.  
Owner—Herman Christensen, 1801 19th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$3500

**ALTERATIONS**  
(1076) SE COLERIDGE & HEYMAN. Alter apartments.  
Owner—A. S. Gallina, 269 Coleridge.  
Architect—Not Given. \$1500

**ALTERATIONS**  
(1077) 114 POWELL. Alter restaurant.  
Owner—Golden State Hotel, Prem.  
Contractor—Fred W. Schell, 665 Mission.  
Architect—Not Given. \$4000

**DWELLING**  
(1078) W. 26TH AVE., 25 S RIV-ERA. One-story and basement frame dwelling.  
Owner—S. A. Guinasso, 4021 California.  
Architect—Not Given. \$4000

**DWELLING**  
(1079) W. MONETA, 317 N FARRAGUT. One-story and basement frame dwelling.  
Owner—Rudolph Mohr & Sons, 4482 Mission.  
Architect—Not Given. \$3500

**DWELLING**  
(1080) W. MONETA WAY, 369 N FARRAGUT. One-story and basement frame dwelling.  
Owner—Rudolph Mohr & Sons, 4482 Mission.  
Architect—Not Given. \$3500

**DWELLING**  
(1081) W. MONETA, 291 N FARRAGUT. One-story and basement frame dwelling.  
Owner—Rudolph Mohr & Sons, 4482 Mission.  
Architect—Not Given. \$3500

**DWELLING**  
(1082) W. MONETA WAY, 343 N FARRAGUT. One-story and basement frame dwelling.  
Owner—Rudolph Mohr & Sons, 4482 Mission.  
Architect—Not Given. \$3500

**DWELLING**  
(1083) W. MONETA WAY, 265 N FARRAGUT. One-story and basement frame dwelling.  
Owner—Rudolph Mohr & Sons, 4482 Mission.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(1084) NW SANSOME AND FILBERT. Alter warehouse.  
Owner—Jas. F. Waters, Bush and Van Ness Ave.  
Contractor—F. Portello, 1279 43rd Ave.  
Architect—Not Given. \$1000

**DWELLING**  
(1085) 1772 VALLEJO. Alter dwelling.  
Owner—Alice Burr, Prem.  
Contractor—Arthur J. Stahl, 1085 Monadnock Bldg.  
Architect—Henry Gutterson, 526 Powell. \$3000

**DWELLING**  
(1086) E. 17TH AVE., 137 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$3750

**DWELLING**  
(1087) E. 17TH AVE., 84 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$3750

**DWELLING**  
(1088) E. 17TH AVE., 112 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$3750

**DWELLING**  
(1089) E. 17TH AVE., 187 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$4500

**DWELLING**  
(1090) E. 17TH AVE., 162 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$4500

**DWELLING**  
(1091) E. 17TH AVE., 212 N QUIN-TARA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal.  
Architect—E. H. Denke, 1317 Hyde St. \$4500

**DWELLING**  
(1092) S ELIZABETH, 75 W HOFFMAN. One-story and basement frame dwelling.  
Owner—R. M. Haight, 3366 22nd St.  
Contractor—Williams Constr. Co., 3366 22nd St.  
Architect—Not Given. \$3500

**DWELLING**  
(1093) S ELIZABETH, 50 W HOFFMAN. One-story and basement frame dwelling.  
Owner—R. M. Haight, 3366 22nd St.  
Contractor—Williams Constr. Co., 3366 22nd St.  
Architect—Not Given. \$3500

**DWELLING**  
(1094) E. 30TH AVE., 500 N RIV-ERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
Contractor—C. T. McKeon, 2194 30th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(1095) E. 30TH AVE., 475 N RIV-ERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.

Contractor—C. T. McKeon, 2194 30th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(1096) E. 30TH AVE., 450 N RIV-ERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
Contractor—C. T. McKeon, 2194 30th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(1097) E. 30TH AVE., 400 N RIV-ERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
Contractor—C. T. McKeon, 2194 30th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(1098) E. 30TH AVE., 425 N RIV-ERA. One-story and basement frame dwelling.  
Owner—Happy Homes Bldg. Co., 2194 30th Ave.  
Contractor—C. T. McKeon, 2194 30th Ave.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(1099) NW 2ND AND BRANNAN. Alter warehouse.  
Owner—Investors Properties Corp., 540 Pine St.  
Contractor—Barrett & Hill, 918 Harrison.  
Architect—Not Given. \$2000

**DWELLING**  
(1100) S. LINCOLN WAY, 57 E 41ST AVE. One-story and basement frame dwelling.  
Owner—J. Leregen, 241 6th St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(1101) SE COR. AMAZON & MISSION. Alter service station.  
Owner—Richfield Oil Co., 268 13th St.  
Contractor—H. T. Gettins Co., 268 13th St.  
Architect—Not Given. \$2000

**DWELLING**  
(1102) SW SCOTIA, 185 SE SILVER AVE. One-story and basement frame dwelling.  
Owner—David Romagnolo, 38 Murray.  
Architect—D. E. Jaekle, 126 Post St. \$3500

**DWELLING**  
(1103) W. 24TH AVE., 125 N OF JUDAH. One-story and basement frame dwelling.  
Owner—A. Sergio, 582-A Castro.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(1104) 1343-45 19TH AVE. Alter dwelling.  
Owner—J. J. Sullivan, 7 Case St.  
Contractor—Robert P. Kelly, 1434 Lawton St.  
Architect—Not Given. \$1000

**DWELLING**  
(1105) NW COR. OF NORMANDIE TERR AND BROADWAY. Two-story frame dwelling and basement.  
Owner—Miley B. Wesson, 490 Post St.  
Contractor—Sbarbaro & Jorgensen, 207 Walnut St.  
Architect—Gardner Dailey, 216 Post St. \$10,000

**DWELLING**  
(1106) E. 48TH AVE., 225 N OF IRVING. One-story and basement frame dwelling.  
Owner—Emily Weyburn, 1231 46th Ave.

Contractor—S. Foster, 28 Harry St.  
Architect—Not Given. \$3000

DWELLING  
(1107) N. KIRKHAM, 100 W 31ST  
AVE. One-story and basement  
frame dwelling.  
Owner—Clarence L. Wold, 416 Fulton.  
Contractor—C. L. Wold Constr. Co.,  
4112-16 Fulton St.  
Architect—Not Given. \$4750

DWELLING  
(1107) W JARROLD 175 N Cole-  
man. One-story frame dwelling.  
Owner & Builder—Jos. Freitas, 44-A  
Juniper Street.  
Architect—Not Given. \$1,000

DWELLING  
(1108) SW IDORA and Laguna Hon-  
da. Two-story frame dwelling.  
Owner and Builder—Mabel M. Haw-  
kins, 2950 19th Avenue.  
Architect—Not Given. \$4,500

ALTERATIONS  
(1109) 37-39 GROVE STREET. Al-  
ter stores.  
Owner and Contractor—Hope Realty  
Co., 105 Montgomery Street.  
Engineer—Wm. Adrian, 417 Market  
Street. \$1,000

WAREHOUSE  
(1110) E HARRISON 260 S 20th St.  
Two-story frame warehouse.  
Owner and Builder—A. E. Jarkich,  
2419 Harrison Street.  
Architect—Not Given. \$4,000

ALTERATIONS  
(1111) 2007 GOLDEN GATE AVE.  
Alter flats.  
Owner—C. Martin, 1119 Divisadero.  
Contractor—E. J. Lehman, 782 Eliza-  
beth Street.  
Architect—Not Given. \$1,950

DWELLING  
(1112) SW MANOR DR. & Darien  
Way. Two-story and basement  
frame dwelling.  
Owner—Alexander McLean, 2337 Ce-  
cella.  
Contractor—J. A. Anderson, 2321 Ce-  
cella.  
Architect—Vincent Raney, 233 Post  
Street. \$4,500

DWELLING  
(1113) W SCOTT 33 N Broadway.  
Two-story and basement frame  
dwelling.  
Owner and Builder—Sbr. rboro & Jor-  
gensens, 207 Walnut St.  
Architect—John Ahnden, 822 39th  
Avenue. \$9,000

ALTERATIONS  
(1114) 1656 FELL ST. Alter dwell-  
ing.  
Owner & Contractor—Anisim Schen,  
1656 Fell Street.  
Architect—Not Given. \$2,000

MARKET  
(1115) SE COR DIAMOND and Wil-  
der. One-story frame market.  
Owner—Martin Stelling, Jr., Alexan-  
der Building.  
Contractor—J. S. Malloch, 666 Mis-  
son Street.  
Architect—Not Given. \$5,000

ALTERATIONS  
(1116) 465 ROOSEVELT WAY. Al-  
ter dwelling.  
Owner—E. A. Williams, premises.  
Contractor—R. J. Jenkins, 42 Short.  
Architect—Not Given. \$1,600

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
711	Benner	Marchello	4500
712	Mitchell	Van Aalst	6000
713	Denk	Ungaretti	4800
714	City Berkeley	Owner	3500

715	—	Gerwick	1600
716	Smith	King	6500
717	Taylor	Gerwick	2900
718	Continental	Austin	2950
719	Granzow	Owner	4000
720	Grubb	Owner	3250
721	Krieg	Petersen	1500
722	Magruder	Hamblin	4500
723	Saligan	Skarmond	1844
724	Silva	Silva	5750
725	White	Owner	15000
726	White	Owner	1000
727	Herrick	Owner	6000
728	Hunt	Dahl	6000
729	Lervik	Hughes	2500
730	Rouhut	Wiggins	1000
731	Saultier	Farringer	9000
732	Schind	Geaudrot	3000
733	Schind	Geaudrot	3000
734	Weels	Owner	5500
735	Alpha	Alpine	1000
736	Bernard	Owner	5000
737	Bradley	Woodburn	7500
738	Clemens	Neilson	5300
739	Johnson	Hammarberg	6500
740	Pillsbury	Owner	1000
741	Barwell	Owner	5500
742	Boyd	Van Ness	3400
743	Cochran	Thrams	15800
744	Dossa	Silva	3300
745	Kaiser	Kaiser	3700
746	Larsen	Owner	4000
747	Monha	Prunetti	3480
748	Pressler	Owner	5000
749	Roos	Kulcher	1000
750	Standard	Owner	4500
752	Hinch	Owner	3000
753	Central	Elliott	1467
754	Cuckovich	Owner	1350
755	Hibernia	Dynes	2000
756	Immethum	Davis	3500
757	Kelrner	Peterson	1900
758	Kaiser	Owner	35000
759	Le Mon	Johnston	9000
760	McElroy	Whalin	5500
761	Peterson	Schwartz	24000
762	Star	Dynes	1500
763	Woodburn	Owner	8000
764	First Church	Landgren	4500
765	Hall	Henderson	1243
766	Corrall	Johnson	1000
767	Abhee	Owner	2000
768	Burke	Scammell	12300
769	Gleason	Garfield	1000
770	Hughes	Owner	2500
771	Schmidt	Youngman	4715
772	Spalding	Jensen	5800

DWELLING  
(711) 1440 ORDWAY, BERKELEY.  
One-story 5-room frame dwelling.  
Owner—F. C. Benner, 155 Tamal-  
pais Road.  
Contractor—Pete Marchello, 1732½  
9th St.  
Architect—Not Given. \$4500

DWELLING  
(712) 581 GRIZZLY PEAK, BERK-  
ELEY. Two-story 6-room frame  
dwelling and garage.  
Owner—R. A. Mitchell, Latbam Sq.  
Bldg., Oakland.  
Contractor—W. Van Aalst, 24th St.,  
Oakland.  
Plans by D. Stegman, 608 16th Street,  
Oakland. \$6000

DWELLING  
(713) 5940 JOHNSTON DR., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—A. Denk, 1609 Grand Avenue,  
Piedmont.  
Contractor—Chas. Ungaretti & Son,  
1727 Foothill Blvd.  
Architect—Not Given. \$4800

ALTERATIONS  
(714) 2320 2ND ST., BERKELEY.  
Alterations.  
Owner & Builder—City of Berkeley.  
Architect—Not Given. \$3500

RADIO TOWER  
(715) 603 ASHBY, BERKELEY. Ra-  
dio Tower.  
Owner—Not Given.  
Contractor—Ben C. Gerwick, Inc., 112  
Market St., San Francisco. \$1600  
Architect—Not Given.

DWELLING  
(716) 910 CONTRA COSTA, BERK-  
ELEY. Two-story 6-room frame  
dwelling.  
Owner—A. D. Smith, 1352 McGee.  
Contractor—Erick King, 1420 Hop-  
kins.  
Architect—Not Given. \$6500

FOUNDATIONS  
(717) 601 ASHBY, BERKELEY.  
Foundations.  
Owner—Emma S. F. Taylor, 2700  
Dwight Way.  
Contractor—Elder C. Gerwick, Inc., 112  
Market St., San Francisco. \$2000  
Architect—Not Given.

FACTORY  
(718) 5733 SAN LEANDRO ST.,  
OAKLAND. One-story factory.  
Owner—Continental Can Co., Inc.,  
5601 San Leandro St.  
Contractor—The Austin Co., 1001 Ray  
Bldg.  
Architect—Not Given. \$2950

DWELLING  
(719) 1358 E. 31ST ST., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—L. Granzow, 2375  
Fruitvale Ave.

DWELLING  
(720) 2001 105TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—Jos. E. Grubb, 1801  
109th Ave.  
Architect—Not Given. \$3250  
Also 1-story garage, \$100.

ALTERATIONS  
(721) 3334 E. 14TH ST., OAKLAND.  
Alterations.  
Owner—J. J. Krieg Co., Prem.  
Contractor—J. E. Petersen & Son,  
4021 Agua Vista Ave.  
Architect—Not Given. \$1500

DWELLING  
(722) 8915 GOLF LINKS ROAD,  
OAKLAND. One-story 5-room  
dwelling.  
Owner—Cora C. Magruder, 77 Linda  
Ave.  
Contractor—U. F. Hamblin, 77 Linda  
Ave.  
Architect—Not Given. \$4500

ALTERATIONS  
(723) 1749 8TH AVE., OAKLAND.  
Alterations and repairs.  
Owner—A. Saligan, 1749 8th Ave.  
Contractor—Skarmond & Lewis, 729  
E. 18th St.  
Architect—Not Given. \$1544  
Also 1-story garage, \$285.

(724) 4551 TOMPKINS AVE., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner—R. A. Silva, 2871 Ford St.  
Contractor—J. M. Silva, 2869 Ford St.  
Architect—Not Given. \$5750

STORE & APT. BLDG.  
(725) 1585 UNIVERSITY, BERKE-  
LEY. Two-story 12-room store  
and apartment building.  
Owner & Builder—Mrs. Marian White  
3737 Emerson.  
Architect—Thos. Keenan. \$15,000

GARAGE  
(726) 1585 UNIVERSITY, BERKE-  
LEY. Garage.  
Owner and Builder—Mrs. Marian  
White, 3737 Emerson.  
Architect—Thos. Keenan. \$1000

ADDITION  
(727) 1734 CAMPBELL ST., OAK-  
LAND. One-story steel addition.  
Owner & Builder—Herrick Iron Wks.,  
Frem.  
Architect—Not Given. \$6000

DWELLING  
(728) 930 CARLSTON AVE., OAK-  
LAND. Two-story 6-room dwell-  
ing.

- Owner—Eloise M. Huot, Prem.  
Contractor—Edwin W. Dahl, 2901 56th Ave. \$6000
- DWELLING**  
(729) 1462 74TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Margaret L. Lervik, 1239 60th Ave.  
Contractor—Wm. Hughes, 1239 60th Ave.  
Architect—Not Given. \$2500  
Also 1-story garage, \$100.
- ALTERATIONS**  
(730) 824 58TH ST., OAKLAND. Alterations.  
Owner—Chas. Rauhut, 848 58th St.  
Contractor—Wiggins & Swanson, 6640 Thornhill Dr.  
Architect—Not Given. \$1000
- DWELLING**  
(731) 6436 HARWOOD AVE., OAKLAND. Two-story 7-room dwelling.  
Owner—H. W. Souther, Prem.  
Contractor—Farringer & Spaulding, 1806 Central Ave., Alameda.  
Architect—Not Given. \$9000
- DWELLING**  
(732) 2730 11TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. M. Schind, 2960 Florida St.  
Contractor—A. J. Geaudrot, 4011 Linwood Ave.  
Architect—Not Given. \$3000  
Also garage, \$100.
- DWELLING**  
(733) 2426 11TH AVE., OAKLAND. One-story 6-room dwelling.  
Owner—Builder—Harry M. Weels, 4030 Reinhardt Dr.  
Architect—Not Given. \$5500  
Also 1-story garage, \$100.
- DWELLING**  
(734) 4010 REINHARDT DRIVE, OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Harry M. Weels, 4030 Reinhardt Dr.  
Architect—Not Given. \$5500  
Also 1-story garage, \$100.
- (735) 2739 CHANNING WAY, BERKELEY. Alterations.  
Owner—Alpha Sigma Phi, Prem.  
Contractor—Aline Wood & Supply Co., 2846 Shattuck.  
Architect—Not Given. \$1000
- DWELLING**  
(736) 714 KEELER, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner & Builder—W. V. Bernard, 227 San Carlos.  
Architect—Not Given. \$5000
- DWELLING**  
(737) 1020 LASSEN, BERKELEY. One-story 6-room frame dwelling.  
Owner—Mr. and Mrs. E. L. Bradley, 822 Shattuck.  
Contractor—R. C. Woodburn, 579 Radnor Rd., Oakland.  
Architect—M. V. Mowbray, 2240 86th Ave., Oakland. \$7500
- DWELLING**  
(738) 98 FAIRLAWN DR., BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—V. A. Clemons, 1829 Channing Way.  
Contractor—L. Neilson, 1509 Terrace.  
Architect—J. Anthony, 1214 Shattuck. \$5800
- DWELLING**  
(739) 1445 OXFORD, BERKELEY. One-story 10-room duplex frame dwelling.  
Owner—Carl Johnson, 2360 Cedar.  
Contractor—A. Hammarberg, 7587 Curry Ave., Oakland.  
Architect—Not Given. \$6500
- GREENHOUSE**  
(740) 670 SPRUCE, BERKELEY. Greenhouse.  
Owner & Builder—A. C. Pillsbury, 1147 Keith.  
Architect—Not Given. \$1000
- DWELLING**  
(741) 115 SONIA ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Charles E. Bardwell, Jr., 5910 Acacia Ave.  
Architect—Not Given. \$5500  
Also 1-story garage, \$150.
- DWELLING**  
(742) 3734 HIGH ST., OAKLAND. One-story 5-room dwelling.  
Owner—L. V. Boyd, 3921 Magee Ave.  
Contractor—L. E. Van Ness & Son, 4320 Park Blvd.  
Architect—Not Given. \$3400
- GARAGE**  
(743) 2344-54 E. 12TH ST., OAKLAND. One-story concrete garage.  
Owner—Cochran & Celli, 12th and Harrison Sts.  
Contractor—C. H. Thrans, 28 Home Place.  
Architect—Ray F. Keefer, 585 Mandana Blvd. \$15,800
- DWELLING**  
(744) 466 59TH ST., OAKLAND. One-story 5-room dwelling.  
Owner—Ben Dossa, 5748 Ayala Ave.  
Contractor—J. P. Silva, 870 48th St.  
Architect—Not Given. \$3300
- DWELLING**  
(745) 2014 109TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Emma A. Kaiser, Prem.  
Contractor—Osincup & Kaiser, 1065 Victoria Ave., San Leandro.  
Architect—Not Given. \$3700  
Also 1-story garage, \$150.
- DWELLING**  
(746) 594 THORNHILL DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Della Larson, 3516 Broadway.  
Architect—Not Given. \$4000
- DWELLING**  
(747) 1301 96TH AVE., OAKLAND. One-story 4-room dwelling.  
Owner—J. Manka, 1534 36th Ave.  
Contractor—S. J. Prunetti, 9239 Walnut St.  
Architect—Not Given. \$3480
- DWELLING**  
(748) 3092 HYDE ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Walter Pressler, 1419 Excelsior Ave.  
Architect—Not Given. \$5000
- ALTERATIONS**  
(749) 1500 BROADWAY, OAKLAND. Alterations.  
Owner—Roos Bros., Prem.  
Contractor—S. Kulchar Co., 731 E Tenth St.  
Architect—Not Given. \$1000
- SERVICE STATION**  
(750) 4550 MORAGA AVE., OAKLAND. One-story steel service station.  
Owner & Builder—Standard Oil Co of Calif., 1201 Financial Center Bldg.  
Architect—Not Given. \$4500
- DWELLING**  
(751) 890 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
Owner—C. R. Fisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
Architect—Not Given. \$3750
- DWELLING**  
(752) 1211 DWIGHT WAY, BERKELEY. One-story 5-room frame dwelling.  
Owner & Builder—E. M. Hinch, 393 Bellevue.  
Architect—Not Given. \$3900
- REPAIRS**  
(753) 2212-30 SAN PABLO AVE., OAKLAND. Roof repairs.  
Owner—Central Bank, Prem.  
Contractor—Elliott & Elliott, 770 22d St.  
Architect—Not Given. \$1467
- ALTERATIONS**  
(754) 1616 SAN PABLO AVENUE, OAKLAND. Alterations.  
Owner & Builder—O'Brien I. Cuckovich, 1618 San Pablo Ave.  
Architect—Not Given. \$1350
- ALTERATIONS**  
(755) 2052 BROADWAY, OAKLAND. Alterations.  
Owner—Hibernia Bank, San Francisco.  
Contractor—L. C. Dynes, 363 10th St.  
Architect—Not Given. \$2000
- DWELLING**  
(756) 1821 108TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Fred Immethum, Oakland, Calif.  
Contractor—Stanley M. Davis, 640 Bancroft.  
Architect—Not Given. \$3500  
Garage, \$200.
- ADDITION**  
(757) 7832 NEY AVE., OAKLAND. Addition.  
Owner—W. Keitman, 7832 Ney Ave.  
Contractor—Wallace A. Peterson, 7127 Weed St.  
Architect—Not Given. \$1000
- MIXING PLANT**  
(758) 15 E 3TH AVE., 100 S E 7TH ST., OAKLAND. Mixing plant.  
Owner & Builder—Henry J. Kaiser Co., 1522 Latham Square Bldg.  
Architect—Not Given. \$35,000
- DWELLING**  
(759) 730 CASTLE DR., POR OF LOTS 2049 & 3052, PIEDMONT PINES, OAKLAND. Two-story 8-room dwelling.  
Owner—R. F. D. Le Mon, 26 Ascot Court.  
Contractor—W. P. Johnston, 2639 Dana St., Berkeley.  
Architect—F. H. Slocombe, 4127 Piedmont Ave. \$9000
- DWELLING**  
(760) 4016 MAPLE AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. W. McElroy, Prem.  
Contractor—Whalin Bros., 2942 23rd Ave.  
Architect—Not Given. \$5500
- DWELLING**  
(761) 338 PERSHING DR., OAKLAND. Two-story, ten-room dwelling.  
Owner—Howard Petersen, Prem.  
Contractor—C. S. Schwartz, 6219 Castro Valley Rd., Hayward.  
Architect—R. F. Keefer, 585 Mandana Blvd. \$24,000
- ALTERATIONS**  
(762) 501-07 BROADWAY, OAKLAND. Alterations.  
Owner—C. C. Star, 6th and Broadway.  
Contractor—L. C. Dynes, 363 10th St.  
Architect—Not Given. \$5000
- DWELLING**  
(763) 657 PORTAL AVENUE, OAKLAND. Two-story 3-room dwelling.

Owner & Builder—Paul E. Woodburn & Son, 624 Prospect Ave. Architect—Not Given. \$8000

## ALTERATIONS

(761) 801 MAGNOLIA AVE., PIEDMONT. Alterations.  
Owner—First Church of Christ Scientist, 801 Magnolia Ave., Piedmont.  
Contractor—Lindgren & Swinnerton, 1723 Webster St., Oakland.  
Architect—Williams and Wastell, Oakland. \$4,500

## ALTERATIONS

(765) 207 ESTATES DRIVE, PIEDMONT. Alterations.  
Owner—Dr. Chas. Hall, 207 Estates Drive, Piedmont.  
Contractor—H. K. Henderson, 393 40th St., Piedmont.  
Plans by Miss Mildred S. Meyers. \$1,243

## ADDITIONS

(766) 1642 MILVIA ST., BERKELEY. Additions.  
Owner—Corral, premises.  
Contractor—Johnson & Green, 1464 6th St., Berkeley.  
Architect—Not Given. \$1,000

## ALTERATIONS

(767) 2419 WARD ST., BERKELEY. Alterations.  
Owner and Builder—Frances Albee, 2419 Ward Street.  
Architect—Not Given. \$2,000

## DWELLING

(768) W CAIRSBROOK LOT 2424, Piedmont Pines, OAKLAND. Two-story 8-room dwelling.  
Owner—Dr. D. V. Burke, 1229 Oxford St., Berkeley.  
Contractor—J. W. Scammell, 3161 Fruitvale Ave., Oakland.  
Architect—Not Given. \$12,300

## ADDITION

(769) 575-77 33rd St., OAKLAND. Repair fire damage.  
Owner—P. H. Gleason, 577 33rd St.  
Contractor—Chas. E. Garfield, 1717 40th Ave., Oakland.  
Architect—Not Given. \$1,000

## DWELLING

(770) 10942 APRICOT ST., OAKLAND. One-story 4-room dwelling.  
Owner and Builder—R. N. Hughes, 540 28th St., Oakland.  
Architect—Not Given. \$2,500

## DWELLING

(771) 691 OCEAN VIEW DRIVE, OAKLAND. One-story six-room dwelling.  
Owner—H. O. Schmidt, 5429 Arbor Ave., Oakland.  
Contractor—J. W. Youngman, 491 Hawthorne St., Oakland.  
Architect—E. R. DeChene, 361 17th St., Oakland. \$4735  
Also 1-story garage, \$300.

## DWELLING

(772) 3590 DELMONT AVE., OAKLAND. Two-story 6-room dwelling.  
Owner—Jas. P. Spalding, 57th Ave., Oakland.  
Contractor—H. K. Jensen, 2757 Rawson St., Oakland.  
Architect—Not Given. \$5,800

## ALAMEDA COUNTY PERMITS UNDER \$1000

RE-ROOFING, \$375. 356 Staten Avenue, Oakland; owner, R. V. Dixon, 356 Staten Ave.; contractor, National Roofing Co., 2172 Market St.  
ADDITION to garage, \$30. 35 Monte Vista, Oakland; owner and contractor, W. H. Watkins, Frem.  
NEW porch steps, \$30. 35 Monte

Vista, Oakland; owner and contractor, W. H. Watkins, Frem.  
ADDITION, \$370. 2628 34th Avenue, Oakland; owner, Mrs. Hunter, Frem.; contractor, John Bush, 23535 Medeiros Ave., Hayward.  
ALTERATIONS, \$250. 1828 E. 22nd St., Oakland; owner, Wm. Ferry, Frem.; contractor, Johnson Bros., 619 E. 10th St.  
REPAIRS, \$12. 731 Oakland Ave., Oakland; owner and contractor, S. Chilton, Frem.

## BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
81 Nolan	Bourdieu	2274
82 Buddhist	De Luca	45910
83 Neumarkel	Adler	9344
85 Weyburn	Foster	3143
86 Dailey	Larson	12500
87 Lappe	Wengard	6449

## ALTERATIONS

(81) 3050 WASHINGTON Street. Alter flats.  
Owner—Alta Nolan, 3050 Washington Street.  
Architect—F. E. Lloyd, 360 Pine St.  
Contractor—J. E. Bourdieu & Son, 2925 20th Street.  
Filed, Apr. 22, '37. Dated, Apr. 21, '37.  
Fifth of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$2,274.00  
Limit, July 1. Plans and specifications filed.

## MEMORIAL BLDG.

(82) SE. COR PINE AND OCTAVIA STS. Steel frame memorial building.  
Owner—Buddhist Church of S. F.  
Contractor—De Luca & Son, Inc.  
Filed Apr. 23, '37. Dated Apr. 22, '37.  
25% third day of ea. month.  
75% usual 35 days.  
TOTAL COST, \$45,910.00  
Bond, \$45,910. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

## DWELLING

(83) E. 36TH AVE., 100 N JUDAH, AND E. 36TH AVE., 125 N JUDAH. Two one-story and basement frame dwellings.  
Owner—Emil A. and O. C. Neumarkel.  
Contractor—Klaus Adler.  
Filed Apr. 23, '37. Dated Apr. 22, '37.  
Frame up.....\$2336  
Brown coat plaster.....2336  
Completion.....2336  
Usual 35 days.....2336  
TOTAL COST, \$9,344.00  
Limit, 75 days. Plans and specifications filed.

## DWELLING

(85) E. 45TH AVE., 225 N IRVING. One-story frame dwelling.  
Owner—Emily H. E. Weyburn.  
Contractor—Stewart Foster.  
Filed Apr. 26, '37. Dated Apr. 24, '37.  
Frame enclosed.....\$785.75  
Brown coat paint.....785.75  
Completion.....785.75  
Usual 35 days.....785.75  
TOTAL COST, \$3,143.00  
Limit, 120 days. Plans and specifications filed.

## APARTMENTS

(86) 325-27-29 LOMBARD ST. (S. Lombard 87-6 W Kearny). Three frame studio apartments.  
Owner—Gardner A. Dailey and W. W. Warren.  
Architect—Gardner A. Dailey.  
Contractor—H. H. Larson Company.  
Filed Apr. 27, '37. Dated, Apr. 19, '37.  
1st of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$12,500  
Forfeit, \$10. Limit, 100 days. Plans and specifications filed.

## DWELLING

(87) E 47th AVE. 237 S Geary Blvd. One-story and basement frame dwelling.  
Owner—Frederick H. Lappe.  
Architect—Fabre & Hildebrand.  
Contractor—Carl Wengard.  
Filed, Apr. 28, '37. Dated, Apr. 20, '37.  
Roof sheathing.....\$161.00  
Brown coated.....161.00  
Completion.....1612.00  
Usual 35 days.....1615.00

TOTAL COST, \$6,449  
Bond, \$3,225. Sureties, C. D. Lanzer, Percy G. Peterson, Forfeit, \$5 per day. Limit, 100 days. Plans and specifications filed.

## BUILDING CONTRACTS ALAMEDA COUNTY

82 Langworthy	Haskell	6567
84 Soligan	Skovand	1829
50 Lange	Acme	8000

## RESIDENCE

(82) LOT 6 BLK R, University Uplands, Berkeley. Two-story residence.  
Owner—Madeline Langworthy.  
Architect—Williams & Wastell.  
Contractor—A. A. Haskell.  
1st and 15th of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$6,567.00  
Limit, 90 days. Plans and specifications filed.

## ALTERATIONS

(79) 207 ESTATES DR., Piedmont. Alterations to residence.  
Owner—Dr. Chas. C. Hall.  
Architect—Mildred S. Meyers.  
Contractor—H. K. Henderson.  
Filed, Apr. 19, '37. Dated, Apr. 16, '37.  
First of each month.....75%  
Usual 35 days.....25%  
TOTAL COST, \$243.00  
Bond, \$625. Sureties, Great American Indemnity Co. Forfeit, \$10 per day. Limit, 40 days. Plans and specifications filed.

## WAREHOUSE

(81) BAYSHORE HIGHWAY and Powell St., Emeryville. Warehouse building.  
Owner—J. and Bella Catucci.  
Architect—Will G. Corlett, Oakland.  
Contractor—H. J. Christensen Co., W. E. Lyons Contract Co.  
Filed, Apr. 21, '37. Dated, Apr. 20, '37.  
On or about tenth of each month.....90%  
Usual 35 days.....10%  
TOTAL COST, \$143,980  
Limit, 120 days. Plans and specifications filed.

## ALTERATIONS

(84) 8TH AVE. AND E. 18TH ST., OAKLAND. Alterations.  
Owner—Mr. and Mrs. A. Soligan, 1749 8th Ave.  
Contractor—Peter Skovand and N. T. Lewis.  
Filed Apr. 22, '37. Dated Apr. 22, '37.  
Rough plumbing in.....\$914.50  
Completed.....914.50  
TOTAL COST, \$1,829.00

## RESIDENCE

(50) LOT 510, MONTCLAIR HIGHLANDS EXT., OAKLAND. 8-room 2-story frame residence.  
Owner—Thos. Lange.  
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.  
Contractor—Acme Constr. Co.  
Filed Apr. 26, '37. Dated Apr. 6, '37.  
15% foundation in.  
25% Roughed in.  
25% Plastered.  
25% Completion.  
10% Usual 35 days.  
TOTAL COST, \$30,000  
Bond, \$5000. Surety, U. S. Fidelity & Guarantee. Limit, 90 days. Plans and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | Offices                                     |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Fleets                       | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Bank, Stores and                        |
| 8.—Club Buildings               | 17.—Theatres                                |
| 9.—Hospitals                    | 18.—Wharves & Docks                         |
| 10.—Hotels                      | 19.—Misc. Const.                            |
|                                 | 20.—Misc. Supplies & Etc.                   |

## 1—APARTMENTS

Preparing Plans  
**APARTMENTS** Cost, \$.....  
**SAN FRANCISCO.** Van Ness Ave. South.

Three - story and basement frame apartment building (12 3-room apts.) wood sash, tile baths and stall showers, gas burning steam heat, gas hot water heating system, linoleum kitchens and dinettes, 5-ply tar and gravel roof cement plaster exterior, pine finish interior.  
 Owner—Whitfield.  
 Architect—O. R. Thayer, 244 Kearny Street.

Plans Completed  
**APARTMENTS** Cost, \$.....  
**BAYWOOD, San Mateo Co., Calif.**  
 Two-story stucco apartment building (four 5-room apts.), shake roof, tile baths, hardwood floors, hot water heating system, plaster walls, electric refrigeration, garbage chute, etc.  
 Owner—George Ames.  
 Architect—Higgins & Root (Chester Root, architect), Security Bldg. San Jose.

To Be Done By Day's Work  
**APARTMENTS** Cost, \$14,500  
**MILLBRAE, San Mateo Co., Cal.**  
 Two-story brick apartment building (four 5-room apts.), shake roof, tile baths, hardwood floors, hot water heating system, plaster walls, electric refrigeration, garbage chute, etc.  
 Owner—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae.  
 Architect—Not Given.

Sub-Contracts Awarded  
**APARTMENTS**  
 Cost, \$22,000 to \$24,000 each  
**SAN MATEO, San Mateo Co., Calif.**  
 Baywood.

Two frame and stucco apt. buildings, consisting of four 5-room apartments ea., hardwood floors, tile baths, etc.  
 Owner—Peerless Homes, Inc.  
 Contractor—A. Fracchina, 1666 Lombard St., San Francisco.

Plumbing and Heating—Harry Lee, 220 California St., Burlingame.  
 Electric Wiring—Medley Electric Co., 1163 Broadway, Burlingame.

Steel Casement Windows—Parker-Tappert, Inc., 606 Mission St., San Francisco.

Lumber—Wisnom Lumber Co., 5th and S. Claremont Streets, San Mateo.

Hardware—Wisnom Hardware Co., 20 2nd Ave., San Mateo.

Concrete—H. E. Casey Co., Woodside and Peninsula Aves., San Mateo.

## 3—CHURCHES

Contract Awarded  
**ALTER CHURCH** Cost, \$5,000

**PIEDMONT, Alameda Co., Calif.** 801 Magnolia St.  
 Alter church.  
 Owner—First Church of Christ, Scientist, Piedmont.  
 Architect—Williams & Wastell, 337 17th St., Oakland.  
 Contractor—Lindgren & Swinerton, 1723 Webster St.

## 4— FACTORIES & WAREHOUSES

Bids Opened  
**WAREHOUSE & SHED** Cost, \$13,000  
**OAKLAND, Alameda Co., Calif.** 501 Fifth Street.

Reinforced concrete warehouse unit with tile walls and tar and gravel roof, on pile and reinforced concrete foundations (25x80 ft.) steel frame shed with corrugated metal culvert on piles and reinforced concrete foundations (200 x 25 ft.) and driving of piles for future shed construction.  
 Owner—City of Oakland (W. W. Chappell, City Clerk).

Plans prepared by City Engineering Dept.—Walter Frickstad, City Engineer.

Low Bidder—David Nordstrom, 4150 Emerald St., Oakland.

Complete bids follow:  
 (1) work complete;  
 (2) price per foot of piling

David Nordstrom, Oakland.

.....(1) \$14,425.00  
 .....(2) 1.50

J. F. Tulloch, Oakland.(1) 14,532.00  
 .....(2) 1.38

DeLuca & Son, Inc., San Francisco(1) 15,340.00  
 .....(2) 1.22

Villadsen Brothers, Oakland(1) 16,700.00  
 .....(2) 1.50

D. W. Nicholson, San Leandro(1) 17,350.00  
 .....(2) 1.34

Sub Contracts Awarded  
**WAREHOUSE** Cont. Pr. \$143,940  
**EMERYVILLE, Alameda Co., Calif.**  
 Powell St. and Bayshore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 feet).

Owner—J. Catucci.  
 Lessee—Bigelow-Sanford Carpet Co., of New York.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Contractors—H. J. Christiansen Co., 1955 Webster St., Oakland, and W. E. Lyons Construction Co., 2909 Pacific Ave., Alameda.

General contract awarded exclusive of heating and electric work for which bids will be asked at a later date.

Structural Steel—Bethlehem Steel Co., 2395 Webster St., Oakland.

Reinforcing Steel—McGrath Steel Co., 354 Hohart St., Oakland.

Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.

Piles—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.

Sub-Contracts Awarded  
**SAN FRANCISCO.** Tenth and Bryant Streets. Cost, \$125,000.

**BUILDING** Cost, \$125,000  
 Two - story and basement reinforced conc. bottling and canning plant.

Owner—San Francisco Brewing Co., Tenth and Bryant Streets.

Engineer—W. E. Murray, 908 Hayes, Contractor—Cahill Brothers, 206 Sansome Street.

Glass—Habenicht and Howlett, 529 Clay Street.

Finish Hardware—Paisce Hardware Co., 581 Market Street.

Fire Escapes—Star Ornamental Iron Works, 227 Bay St.

Kalamin Work—Fire Protection Products Co., 1101 16th St.  
 Complete sub-contracts awarded to date published Jan. 14, Feb. 25, Mar. 1, and Mar. 23, 1937.

Sub Contracts Awarded  
**FACTORY** Cost, \$40,000  
**SAN FRANCISCO.** W. Third St., S 20th St.

One-story Class C factory building, Owner—Middleton & Watson, 63 Natoma St. (Goodyear Rubber Co.).

Architect—W. D. Peugh, 333 Montgomery St.

Engineer—F. W. Kellberg, 320 Market St.

Contractor—Cahill Brothers, 206 Sansome St.

Tile Work—Scott Co., Inc., 243 Mission St.

Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St.  
 Sub contracts awarded to date published.

Sub Contracts Awarded  
**FACTORY** Cost, \$5  
**SAN FRANCISCO.** S. E. Bayshore and San Bruno Avenues.

One-story Class C addition to existing factory building (concrete foundations, brick walls, steel sash, steel frame, composition roof, etc.

Owner—Schlage Lock Co., 20 Blanken Street.

Engineer—W. Adrian, 417 Market St.  
 Contractor—Cahill Bros., 206 Sansome Street.

Sheet Metal—R. J. Nellan, 39 Isis St.

Painting—Raphael Company, 270 Tehama St.  
 Sub contracts awarded to date published Mar. 30 and Apr. 14

Sub-Contracts Awarded  
**ADDITION** Cost, \$7,500  
**OAKLAND, Alameda Co., Cal.** 5733 San Leandro Street.

One-story addition to plant.  
 Owner—Continental Can Co., 5601 San Leandro Street.

Plans by Engineering Department of Owner.

Contractor—The Austin Co., 1091 Ray Building.

Roofing—General Roofing Co., 3985 Beach Street.

Sheet Metal—Central Sheet Metal & Roofing Co., 3248 Etlie Street.

Lumber—Hogan Lumber Co., Second and Alice Streets.

Hardware—Maxwell Hardware Co., 1320 Washington Street.

Concrete—Rhodes Kennedy.  
 Reinforcing Steel—Soule Steel Co., 1759 Army St., San Francisco.  
 All of Oakland, unless otherwise noted.

Sub-Contracts Awarded  
**DAIRY BLDG.** Cost, \$75,000  
**MANATECA, San Joaquin Co., Calif.**  
 Oak Street.

One-story steel frame dairy building (85x155) brick walls, wood roof construction).

Owner—Kraft Phenix Cheese Co. Plans by Engineering Department of Owner.

Contractor—Cahill Brothers, 206 Sansome St.

Painting—A. E. Gordon, 141 Morris St.  
 Roofing—Alta Roofing Co., 976 Indiana Street.

Sheet Metal—Fire Protection Prod. Co., 1101 16th St.  
 Glass—Habenicht & Howlett, 529 Clay

Street.  
Sub contracts awarded to date published April 5.

**CONTRACT AWARDED**

**SAN BERNARDINO CO., Calif.—**  
Ouy E. Hall, 434 1/2 S. Arlington Ave., Los Angeles, at \$15,942, awarded contract by the Metropolitan Water District, for construction of five warehouses in San Bernardino and Riverside counties.

**Low Bidder**  
**INDUSTRIAL BLDG.** Cost, \$.....  
**SAN FRANCISCO.** Bryant Street.  
One-story and mezzanine reinforced concrete industrial building.  
Owner—Donald Maas, care Bothin Real Estate Co., 604 Mission St.  
Architect—Angus McSweeney, 604 Mission Street.  
**Low Bidder—G. P. W. Jensen, 320 Market St.**

**6—GARAGES & SERVICE STATIONS**

**Contract Awarded**  
**GARAGE** Cost, \$20,000  
**VISALIA, Tulare Co., Calif.**  
One-story brick garage building (steel sash, wood roof trusses, composition roofing, etc.).  
Owner—Withheld.  
Architect—David Horn, Rowell Bldg., Fresno.  
Contractor—J. J. Bedel, 1013 E. Mineral King, Visalia.

**Contract Awarded**  
**GARAGE** Cost, \$16,000  
**OAKLAND, Alameda Co., Calif.** 2341 to 2354 E. 12th St.  
One-story concrete garage building.  
Owner—Cochran & Celli, 12th and Harrison Sts.  
Architect—Ray F. Keefer, 585 Mandana Blvd.  
Contractor—C. H. Thrains, 28 Home Place.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
**TULARE, Calif.** Invo and J Streets.  
Gasoline service station.  
Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
Architect—Plans by Engineering Department of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

**Contract Awarded**  
**SERVICE STATIONS** Cost, \$.....  
**SALINAS, Monterey Co., Calif.** Main and John Sts. and Main and Lake Streets.

Two new gasoline service stations.  
Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
Plans by Engineering Department of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

**Site Selected**  
**GARAGE** Cost, \$.....  
**OAKLAND, Alameda Co., Calif.** 13th Street, bet. Madison and Jackson Streets.  
New county garage building.  
Owner—County of Alameda.  
Architect—Not selected.

**To Be Done By Day's Work**  
**AUTO SERVICE PLANT** \$25,000  
**SAN RAFAEL, Marin Co., Calif.** SW Fourth and Shaver Sts.  
Two-story reinforced concrete automobile sales service and repair plant (70 x 125 ft.).  
Owner—Marin Investment Company, David R. Fyfe, Representative, San Rafael.  
Lessee—Redwood Chevrolet Co.  
Construction will begin as soon as site is cleared of existing building

**7—FEDERAL BUILDINGS****BIDS WANTED**

**SAN FRANCISCO.**—Until May 6, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custon House, under Bid No. 868-37-263, for applying approximately eighty squares of three-ply rag felt and asphalt membrane waterproofing to the sides and top of a concrete bldg. at Fort Funston.

Specifications obtainable from the above office.

**LOW BIDDER**

**SAN FRANCISCO, Calif.**—American Builders, Inc., 6th S. and Alameda, Seattle, submitted low bid to the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for the furnishing and fabrication of one unit of 16 portable demountable buildings and five units of 6 portable demountable buildings each, for CCC camps within the Ninth Corps Area.

**Low Bidders**

**ADDITION** Cost, .....  
**SACRAMENTO, Sacram. Co., Calif.** U. S. Post Office, Court-house, etc.

Two-story reinforced concrete top addition (20,000 sq. ft.) to U. S. Post Office, Courthouse, Etc.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Low Bidders—K. E. Parker Co., 135 South Park, San Francisco, \$206,300.**

Second low bid submitted by Jas. I. Barnes, Springfield, Mo., at \$207,400.

**Contract Awarded**

**LABORATORY, ETC.**  
Contract Price, \$19,995  
**FRIANT, Fresno Co., Calif.** 22 miles north of Fresno. Government Camp at Friant Dam, Central Valley Water Project.

Concrete-testing laboratory (39 x 54 ft.) and combined garage and fire station (50 x 121). Concrete footings and floors; outside laboratory and inside walls covered with shipplank and inside walls and ceilings covered with tempereal wallboard; laboratory roof covered with mineral-surfaced, asphalt-prepared shingles, and insulated walls. Outside walls and roof of garage and fire station covered with galvanized corrugated metal. Spec. No. 882-D.

Owner—U. S. Government, Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento; A. M. Torpen, Friant Division Engineer).  
Contractor—MacDonald Constr. Co., 329 W. Pine Blvd., St. Louis.

Bids were taken as follows:

- SCHEDULE 1—Concrete testing laboratory**
- (1) 100 c.y. common excav.
  - (2) 10 c.y. rock excav.
  - (3) 35 c.y. concrete.
  - (4) lump sum, constructing one concrete testing laboratory except excavation and concrete.
- SCHEDULE 2—Garage and Fire Station**
- (5) 250 c.y. common excav.
  - (6) 5 c.y. rock excav.
  - (7) 110 c.y. concrete.
  - (8) Lump sum, construct one garage and fire station except excavation and concrete.

Complete total bids received for the work follow:

C. A. Tornell, Tracy—Total, \$17,195 (bid disqualified).  
MacDonald Constr. Co., St. Louis—Total, \$17,328; (II) \$11,242.50, total, \$19,595.50.

J. C. Meyers, Stockton—(I) \$9,073; (II) \$11,046; total, \$20,119; stipulation, all or none.

W. J. Ocha, Fresno—(I) \$8,683; (II) \$14,671; total, \$23,354.  
Lawson Constr. Co., Los Angeles—(I) \$17,260; (II) \$24,500; total, \$31,760 (late bid).

**CONTRACT AWARDED**

**ROSEBURG, Ore.**—Geo. Isaacson Co., Worcester Bldg., Portland, Ore., at \$298,000 awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for constructing and finishing complete O. T. Shops Building No. 17, at Veterans' Administration Facility, Roseburg.

Complete bids published April 16.

**Sub Contracts Awarded**

**SUPPLY DEPOT** Contract Price, \$920,099  
**SACRAMENTO CO., Cal.** Army Air Corps Supply Depot, near North Sacramento.

Two-story depot supply building and head house, and one-story west and east wings of warehouse; reinforced concrete and steel construction, conforming in general with the other buildings at the air base.

Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster).

Plans prepared by the office of the Quartermaster General of Construction Division, Washington, D. C.

Contractor—Eaton & Smith, 715 Ocean Ave., San Francisco.

Electric—Scott Butner Electric Co., Webster St., Oakland.

Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St., San Francisco.

Structural Steel—Ingalls Iron Wks., Birmingham, Ala.

Steel Windows & Doors—Soule Steel Co., 1750 Army St., San Francisco.

Acoustical Ceilings & Cold Storage Installation—Western Asbestos Co., 675 Townsend St., San Francisco.

Painting—H. P. Paoli & Co., 2530 Lombard St., San Francisco.

Kitchen Equipment—Dohrmann Hotel Supply Co., 972 Mission St., San Francisco.

Additional awards will be reported shortly.

**CONTRACT AWARDED**

**MONTEBELLO, Los Angeles Co., Calif.**—Raphael Co., 270 Tehama St., San Francisco, at \$470, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Montebello.

**BIDS WANTED**

**FREEMAN, Del Norte Co., Cal.**—Until May 5, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, for repairs to station wiring including conduit wiring, replacement of switches, receptacles and fixtures at the U. S. Naval Radio Stations, Table Bluff (Eureka) and Point Saint George (Crescent City) Calif. Specification No. 8431. Estimated cost, \$190.

Specifications and drawings may be obtained on application to the Commandant, U. S. Navy Yard, Mare Island, upon deposit of \$5.00; check or postal money order made payable to Norman M. Smith, Chief of Bureau of Yards and Docks.

**BIDS WANTED**

**HOLLYWOOD, Los Angeles Co., Calif.**—Until May 25, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for wood lobby desks in the U. S. Post Office at Hollywood.



**LOW BIDDER**

**LA JOLLA, San Diego Co., Calif.**—H. V. Taylor, Long Beach, at \$143, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for new hand rails for entrance steps at the U. S. Post Office in La Jolla.

**LOW BIDDER**

**MONTESANO, Wash.**—Apex Painting & Decorating Co., Seattle, Wash., at \$375, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office at Montesano.

**BIDS WANTED**

**SAN PEDRO, Calif.**—Until May 21, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for directional signs, lettering, plumbing, etc., in the U. S. Post Office and Custom House at San Pedro.

Specifications may be obtained from the above office and from the Custodian of the Building at San Pedro.

**Bids Opened**

**ADDITION** Cost, \$.....  
**SACRAMENTO, Sacramento County, Cal.** U. S. Post Office, Courthouse, etc.

Two - story reinforced concrete top addition (20,000 sq. ft.) to U. S. Post Office, Courthouse, Etc.

**Owner**—U. S. Government.  
**Plans** by the Supervising Architect, Treasury Department, Washington, D. C.

**Low Bidder**—K. E. Parker Co., 135 South Park, S. F. \$296,300

**Complete bids follow:**  
K. E. Parker Co., S. F. \$206,300  
J. I. Barnes, Springfield, Mo., 207,000  
Barrett & Hilp, S. F. 223,000  
A. Nelson, Inc., S. F. 224,847  
Schee & McDonald, Oakland 239,000  
MacDonald & Kahn Co., Ltd., San Francisco 257,000

**BIDS WANTED**

**PORT TOWNSEND, Wash.**—Until May 27, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for repainting the exterior of frame buildings at the U. S. Quarantine Station at Port Townsend.

Specifications may be obtained from the above office and from the Medical Officer in charge of the Institution

**BIDS WANTED**

**MARSHFIELD, Ore.**—Until May 28, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for window grilles, etc., in the U. S. Post Office at Marshfield.

**CONTRACT AWARDED**

**ELKO, Nevada.**—Jefferson Nursery, Salt Lake City, Utah, at \$694, awarded contract by the Procurement Division, Washington, D. C., for filling and grading the grounds of the U. S. Post Office at Elko.

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until May 3, bids will be received by the Custodian of the Building, U. S. Post Office, San Diego, for plaster moldings.

**Bids Opening Date Postponed Until**

**May 3**  
**PORTLAND, Oregon.**—Until May 3 (postponed from April 27), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for elevator and remodeling at the U. S. Post Office at Portland.

Specifications may be obtained from the above office.

**BIDS WANTED**

**HOLLYWOOD, Cal.**—Until June 1, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens at the U. S. P. O., Hollywood.

**BIDS OPENED**

**HONOLULU, T. H.**—John Hanses, 753 Ala Moana Road, Honolulu, at \$12,350 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for extension to mailing platform, etc., of the U. S. post office, court house and custom house at Honolulu.

**Complete bids follow:**  
John Hanses \$12,350  
Olaf Lagreid 14,500  
W. Wills & Son 15,500  
E. M. Black, Ltd. 15,750  
Walker & Olund 15,800

**BIDS OPENED**

**INGLEWOOD, Los Angeles Co., Cal.**—Until May 28, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal insect screens in the U. S. P. O. at Inglewood.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at Inglewood.

**MATERIALS APPROVED**

**SAN FRANCISCO, Calif.**—Treasury Department approved following building material and equipment awards for revision of first, second, fourth, fifth and attic floors, at the Federal Office Building, San Francisco: Anderson & Rowe, 46 Belcher St., San Francisco, general contractors; Plumbing fixtures, Standard Sanitary Mfg. Co.; water pipe, Chase Brass & Copper Co.; acid resisting pipe, Duriron Co.; distilled water pipe and fittings, Lead Lined Iron Pipe Co.; nonconducting covering for plumbing, Johns-Manville Co.; vacuum pumps, Nash Engrg. Co.; vacuum pump motor, Continental EL Co.; electric controllers for fans and motors and motors for fans, Westinghouse Elec. & Mfg. Co.; rubber-covered wire, Hazard Insulated Wire Works; flush switches, Arrow-Hart & Hegeman Elec. Co.; signalling system, Edwards & C.; distilled water meter, Am. Sterilizer Co.; fume absorption tower, Duriron Co.

**CONTRACT AWARDED**

**ELY, Nevada.**—E. & E. J. Pfotzer, Philadelphia, Pa., at \$65,800, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Post Office at Ely.  
**Complete bids published Apr. 9.**

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until June 3, 1:30 p. m., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing a Subsistence Storehouse Building at the Veterans' Administration Facility, Los Angeles. The building will contain approximately 210,000 cubic feet and work will include roads and grading, excavating, reinforced concrete, hollow concrete units, hollow building tile, brickwork, enameled wall block, floor tile, waterproofing, metal work, steel stairs, steel shelving, steel sash, built-up roofing, metal lathing, plastering, carpentry, insulation, painting scales, insect screens, platform, glazing, hardware, plumbing, automatic sprinkler system, heating, electrical work, outside service connections, electric elevator, refrigerating equipment, etc.

Separate bids will be received for (I) general construction, including plumbing, heating and electrical work; (II) electric elevator and (III)

refrigerating equipment.

Drawings and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

Appropriation for the work is \$55,000.

**BIDS WANTED**

**BEVERLY HILLS, Los Angeles Co., Calif.**—Until May 25, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal and glass partitions, in the U. S. Post Office at Beverly Hills.

**9—HOSPITALS**

**Contract Awarded**  
**AIR CONDITIONING SYSTEM**

**MARYSVILLE, Yuba Co., Calif.** 4th and H Streets. Air-conditioning system and miscellaneous alterations to Rideout Memorial Hospital. Owner—Rideout Memorial Hospital. Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco. Contractor—Frank M. Booth, Marysville.

**10—HOTELS**

**Additional Contracts Awarded**

**ALTERATIONS** Cost, \$30,000  
**SACRAMENTO, Sacramento Co., Cal.** Fifth & J Streets. Alterations to Travelers Hotel (remodeling, redecorating 200 rooms; refurbishing, painting, new roof and ventilating system in coffee shop, etc.).

**Owner**—Capital Co., 625 Market St., San Francisco.  
**Plans** by Construction Department of Owner.

**Elevators**—Westinghouse Elec. Elev. Co., 1 Montgomery St., San Francisco.

**Plastering**—Thos. F. Scollan Co., 2919 T Street, Sacramento.

**Painting**—R. P. Paoli & Co., 2350 Lombard St., San Francisco.

**Kitchen Equipment**—Mangrum Holbrook Co., 1235 Mission St., and the Dohrmann Hotel Supply Co., 135 Stockton St., San Francisco.

**Coffee Shop Fixtures**—Fink & Schindler, 552 Brannan St., San Francisco.

**Structural Iron**—Palm Iron Works, P. O. Box 746, Sacramento.

As previously reported, electrical contract awarded to C. Horebriest Co., 1912 Eve St., Sacramento; Plumbing, Hatelye & Hatelye, 1714 Tenth St., Sacramento; Roofing, San Joaquin Lumber Co., P. O. Box 71, Stockton; Marble, American Marble Co., P. O. Box 578, South San Francisco.

Bids on refrigeration, ventilating, tile and sheet metal are in and under advisement.

**Planned**  
**MOTEL COURT** Cost, \$12,000

**DELANO, Kern Co., Calif.** Cecil Ave. Six-unit motel court, adobe construction, air conditioned.

**Owner**—B. M. Nielsen, Delano. Architect—Not Given.

**Plans Being Figured**  
**REMODEL HOTEL** Cost, \$

**SAN FRANCISCO** 1130 Larkin St. Install bar and cocktail lounge in hotel.

**Owner**—E. Pisani. Architect—W. Blaney, 272 Post St. Fred K. DuPuy, 110 Sutter St., is figuring plans and desires sub-bids on all portions of the work. No

closing date has yet been set.  
**Contract Awarded**  
**ADDITION** Cost, \$14,000  
 SACRAMENTO, Cal. 919 Fourth St.  
 Addition to hotel.  
 Owner—H. Hanson, 919 4th St.  
 Architect—Not Given.  
 Contractor—C. Vanina, 2022 M St.

## 12— POWER PLANTS

### BIDS OPENED

**SEATTLE**, Wash.—Following bids received by Seattle Board of Public Works for furnishing and erection of about 11,000,000 lbs. of galvanized, fabricated structural steel and construction of certain foundations for transmission towers for the Skagit Transmission Line No. 2:  
 (1) Furnish towers, designed by city;  
 (2) Erect towers;  
 (3) Furnish and erect city designed towers;  
 (3-Alt.) Furnish and erect towers of manufacturer's design.  
 Bethlehem Steel Co., Youngstown, Pa., \$26,336.368.  
 Fritz Ziebarth, 808 Security Bldg., Long Beach; (2) \$69,539.  
 A. S. Schulman Electric Co. (2) \$634,123; (3-Alt.) \$1,124,297.  
 Lehigh Structural Steel Co. (1) \$740,728.  
 Pacific Car & Foundry Co., Seattle: (1) \$774,838.  
 Puget Sound Sheet Metal Works & National Steel Const. Co., Seattle: (1) \$836,545.  
 Tenfel & Carlson, Seattle, (2) \$755-373; (3-Alt.) \$1,318,750.  
 Isaacson Iron Works, Seattle, (1) \$1,156,931.  
 General Const. Co., Seattle (2) \$728-422; (3) \$1,291,813; (3-Alt.) \$1,264,561.  
 Puget Const. Co., Seattle, (2) \$609-291; (3-Alt.) \$1,138,397.  
 Macri Bros., Seattle, (2) \$927,258.

### Contracts Awarded

**WET MIX CONCRETE PLANT**  
 Cost, \$65,000  
**OAKLAND**, Alameda Co., Calif. Foot of Fifth Ave.  
 Wet mix concrete plant to consist of main concrete plant, warehouse, office building, machine shop and garage, of reinforced concrete, steel and timber construction.  
 Owner—Henry J. Kaiser Co., Latham Square Bldg., Oakland.  
 Plans by Engineering Department of Owner.  
 Segregated bids were taken and contracts awarded as follows:  
**FOUNDATIONS**, including piles, reinforcing steel and concrete work, awarded M. B. McGowan, Inc., 74 New Montgomery St., San Francisco.  
**STEEL**, including fabrication and erection, awarded Judson-Pacific Company, 609 Mission St., San Francisco.

All bids for timber work are being held in abeyance and no bids were received for equipment installation.

Bids will be asked in about one week for electric work and construction of small buildings.

**Contract Awarded**  
**RUILDING** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 SW Cor. San Joaquin and Lindsay Streets.  
 New 3-story and basement Class A steel and concrete telephone exchange building (96 x 86 ft.).  
 Owner—Pacific T. & T. Co. (H. C. Britton, District Manager).  
 Plans by Engineering Department of Owner.  
 Contractor—Herrick Iron Works, 1729 Campbell St., Oakland.  
 Bids for foundations and excavations will be asked shortly.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

### CONTRACT AWARDED

**SAN LUIS OBISPO**, Cal.—Pacific Coast Steel Co., San Luis Obispo, awarded contract by San Luis Obispo county supervisors for furnishing reinforcing steel to be used in the construction of a tuberculosis hospital at San Luis Obispo, a WPA project. Walker & Eisen, architects.

### BOND ELECTION

**DALY CITY**, San Mateo Co., Calif.—A special election will be held May 25 to vote on a proposal to issue bonds to finance construction of city buildings, including \$34,000 for a new city hall and \$14,000 for a new library.

Application will be filed with the PWA for a grant of 45% of the total costs of the projects.

### BOND ELECTION

**SANTA CRUZ**, Calif.—The City of Santa Cruz will vote on May 4 on a proposal to issue bonds in the amount of \$150,000, proceeds to finance construction of a municipal auditorium, public assembly and convalescent hall.

Preliminary plans prepared by Architect A. W. Story, Watsonville.

### Bids Opened

**ADDITIONS, ETC.** Cost, \$.....  
**SAN FRANCISCO**, Golden Gate Park (Fell and Stanyan Streets).  
 Alterations and additions to Park Lodge (2-story and basement L-shaped structure).  
 Owner—City of San Francisco.  
 Plans prepared by Engineering Department, Park Commission.  
 Low Bidder—Frank J. Reilly Co., 6350 Fulton Street.

### Complete bids follow:

Frank J. Reilly Co.,.....(1) \$5,759  
 Alternate..... 4,779  
 F. C. Amoroso & Sons, S. F. (1) \$6,000  
 Alternate..... 4,996  
 Harry A. Cohen, S. F.,.....(1) \$6,100  
 Alternate..... 5,151  
 Monson Bros., S. F.,.....(1) \$6,527  
 Alternate..... 5,665

### Preliminary Plans Approved

**ADDITION TO COURTHOUSE**  
 Cost, \$180,000  
**KELSO**, Cowitt Co., Wash.  
 Addition to Cowitt County Courthouse.  
 Owner—County of Cowitt.

Architect—Ray Weatherby, 1328 21st St., Longview, Wash.

Preliminary plans have been approved and application made for PWA grant of \$80,000.

County will vote bonds in future of \$100,000 to assist in financing.

### Bids Opened

**REROOFING** Cost, \$12,000  
**STOCKTON**, San Joaquin Co., Calif.  
 Reroof main exhibit building at the County Fair Grounds (building approximately 100x300 ft.), built-up asbestos roofing to be used.  
 Owner—County of San Joaquin (Eugene D. Graham, Clerk).  
 Architect—Eric W. Johnson, 303 Exchange Bldg., 142 N. California St., Stockton.  
 Low Bidder—John Hachman, P.O. Box 208, Stockton.

### Complete bids follow:

John Hachman, Stockton.....\$11,200  
 George Hook, Stockton..... 11,800  
 J. C. Meyers, Stockton..... 11,980  
 J. A. Allen, Stockton..... 12,340

### Bid Call Cancelled—New Bids

Wanted Until May 14, 3 P. M.  
**CENTRAL EXPOSITION TOWER**  
 Cost, \$.....

**YERBA BUENA SHOALS**, Site of the 1919 World's Fair.  
 Central Exposition Tower, approxi-

mately 400 ft. high with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood turring, and wood sheathing, wood frame decks with composition covering and plastered exterior.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.

At the request of the San Francisco Bay Exposition Company, the bid call for general work, scheduled to open April 27, was cancelled, also, all structural steel bids received on April 15 were rejected and announcement made that general work and structural steel work will be re-advertised as one job and new bids will be received by the S. F. Public Utilities Commission, Room 287, City Hall, until May 14, 3:00 p.m.

Plans and specifications may be obtained from Room 605, 425 Mason Street, Engineer L. T. McAfee, upon deposit of \$25.  
 As previously reported, Judson-Pacific Company, 609 Mission St., at \$167,040, submitted low bid April 15 for 850 tons of structural steel.

## 14— RESIDENCES

### Sub Contracts Awarded

**RESIDENCE** Cost, \$10,250  
**CARMEL**, Monterey Co., Calif. Mission Tract.

Adobe veneer residence (2 bedrooms and bath, maid's room and bath, living room, kitchen, service porch, winter air conditioning, shake roof, steel sash, 9-in. adobe veneer exterior).  
 Owner—E. M. Seifert, Carmel.  
 Architect—Not Given.

Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.

**Plumbing & Sheet Metal—Pacific Heating & Plumbing, P.O. Box 49, Monterey.**

**Heating, Gas, Hardware, Adobe Veneer, Steel Sash & Roll Screens—Carmel Bldg. Specialties, Carmel.**

**Hardwood Floors—E. G. Finn Hardwood Floor Co., 515 McKenzie Ave., Watsonville.**

**Grading—Frank DeAmoral, Carmel Highlands.**

**Lumber—M. J. Murphy, Inc., Carmel.**

**Painting—Henry Van Laer, Carmel.**

**Contract Awarded**

**DUPLEX RESIDENCES** \$10,000 ea.  
**SAN MATEO**, Calif. Lots 16 and 17, Blk. B, Aragon Court.

Two two-story frame and stucco duplex residences.  
 Owner—Robert Norton.  
 Architect—Not Given.

Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.

### Contract Awarded

**RESIDENCE** Cost, \$18,000  
**STOCKTON**, San Joaquin Co., Calif.  
 Two-story frame and stucco residence (10 rooms, 2 baths), shingle roof, hardwood floors, tile baths, oil burning hot air heating system, wood sash, etc.

Owner—Ralph Hickinbotham.  
 Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Contractor—T. E. Williamson, P.O. Box 93, Stockton.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO**, E 17th Avenue

Six one-story and basement frame and stucco residences (hardwood floors, tile baths, etc.)

Owner and Builder—R. F. Galli, 377 West Portal Avenue.

Architect—E. H. Denke, 1317 Hyde.

**CONTRACT AWARDED**  
**BOULDER CITY, Nevada.**—Eser Wilkholm, 656 1/2 S. La Brea Ave., Los Angeles, awarded contract by Los Angeles Department of Water & Power at \$341,240 (items Nos. 1, 2 and 3) for constructing cottages, garages and guest houses at Victorville, Silver Lake and Boulder City under Spec. No. 2211. Paul S. Webb, P. O. Box 11, Boulder City, awarded a contract at \$15,296.76 for remodeling a house at Boulder City (item No. 4). Bids opened April 23.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,500  
**OAKLAND, Alameda Co., Cal.** 887 Portal Avenue.  
 Two - story frame and stucco residence (8 rooms).  
 Owner and Builder—Paul E. Woodburn & Son, 624 Prospect Ave., Oakland.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**SAN FRANCISCO, E 30th Avenue**  
 N. of Rivera St.  
 Five 1-story and basement frame residences.  
 Owner and Builder—Happy Homes Bldg. Co., 2194 30th Avenue.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,200  
**SARANAP, near Walnut Creek, Contra Costa Co., Calif.**  
 Two-story frame and stucco residence, shake roof, linoleum baths, hardwood floors, wood sash, etc.  
 Owner—A. R. Angell, care Architect.  
 Architect—Williams & Wastell, 337 17th St., Oakland.  
 Contractor—John M. Bartlett, 1706 Parker St., Berkeley.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$.....  
**SAN RAFAEL, Marin Co., Calif.**  
 One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, etc.  
 Owner—Mrs. Vera McRae.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.  
 Following are figuring plans:  
 Leibert & Trobeck, Albert Building, 1000 Market St., San Francisco.  
 William Martin, 666 Mission St., San Francisco.  
 Otis H. Smith, 507 Florida Avenue, San Anselmo.  
 Bids held under advisement a few days pending return of owner from out of town.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,000  
**SAN MATEO, Lot 3, Blk. 16, Sonoma Drive.**  
 Two-story frame and stucco residence.  
 Owner & Builder—Geo. Arthur & Sons, 941 S. Claremont Drive.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000-\$7,000  
**SAN CARLOS, San Mateo Co., Calif.**  
 Two - story frame residence (seven rooms), hardwood floors, tile baths, gas furnace, etc.  
 Owner—D. E. Curtoni, care Architect.  
 Architect—W. I. Garren, 233 Post St., San Francisco.  
 Contractor—J. B. Allen, 1315 San Carlos Ave., Santa Clara.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$9,275  
**CARMEL, Monterey Co., Calif.** Carmel Point.  
 Two - story plaster and stucco residence (3 bedrooms and bath, maid's room and bath, living room, dining room, sun room), hardwood floors, winter air con-

ditioning, shake roof, etc.  
 Owner—J. M. Butler.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.  
**Plumbing & Sheet Metal**—Anderson-Tougher-Hargis, Carmel.  
**Electric Wiring**—Dan Searle, 580 Main St., Monterey.  
**Heating, Glass, Hardware, Steel Sash & Roll Screens**—Carmel Bldg. Specialties, Carmel.  
**Tile Work**—J. N. Filson, 331 Pine Ave., Pacific Grove.  
**Hardwood Floors**—E. G. Finn Hardwood Floor Co., 515 McKenzie Ave., Watsonville.  
**Brick & Stone Work**—James Chap-pell, 786 Pine St., Monterey.  
**Lumber**—M. J. Murphy, Inc., Carmel.  
**Painting**—Henry Van Laer, Carmel.  
**Lathing & Plastering**—George J. Turner, 234 Congress Ave., Pacific Grove.

**Sub Contracts Awarded**  
**COTTAGES** Cost, \$7,500  
**CARMEL, Monterey Co., Calif.**  
 Two one-story guest cottages (each containing 3 rooms and bath), shake roof, steel sash; one adobe veneer and one redwood clap-board exterior.  
 Owner—R. A. Cote.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, P. O. Box 533, Carmel.  
**Plumbing & Sheet Metal**—Pacific Heating & Plumbing, P. O. Box 49, Monterey.  
**Electric Wiring**—Dan Searle, 580 Main St., Monterey.  
**Heating, Glass, Hardware, Steel Sash and Adobe Veneer**—Carmel Bldg. Specialties, Carmel.  
**Hardwood Floors**—E. G. Finn Hardwood Floor Co., 515 McKenzie Ave., Watsonville.  
**Brick & Stone Work**—James Chap-pell, 786 Pine St., Monterey.  
**Lathing & Plastering**—George J. Turner, 234 Congress Ave., Pacific Grove, and C. J. Lee, R.F.D. 1, Box 588, Monterey.  
**Lumber**—M. J. Murphy, Inc., Carmel.

**Plans Being Figured—To Close**  
 May 11, 2 P. M.  
**ALTER STORE** Cost, \$.....  
**SAN FRANCISCO, 611 Mission St.**  
 Alter store building.  
 Owner—Bothin Real Estate Co., 604 Mission St.  
 Architect—Angus McSweeney, 604 Mission St.  
 Plans are being figured by the following selected list of contractors:  
 A. F. Mattock Co., 212 Clara St.  
 G. P. W. Jensen, 320 Market St.  
 Jacks & Irvine, 620 Market St.  
 F. R. Siegrist, 604 Mission St.  
 Barrett & Hip, 518 Harrison St.  
 Peter Sartorio, 666 Mission St.

**Completing Plans**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO, Shafter Ave. and Keith Street.**  
 One - story frame and stucco residence (5 rooms) tile and composition roof, hot air, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—E. Copra.  
 Architect—D. E. Jaekle, 126 Post St.  
 Plans will be completed in about one week and the owner will take general bids.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO, Thirtieth Ave. and Vicente Street.**  
 Four one - story frame and stucco residences (hardwood floors, tile sash, etc.)  
 Owner—Fred Thorinson, 1630 Ocean Avenue.  
 Architect—D. E. Jaekle, 126 Post St.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO, SW Mt. Vernon, SE Cayuga St.**  
 Five one-story and basement frame and stucco residences.  
 Owner & Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO, NW Broadway and Normandie Terrace.**  
 Two - story frame and brick veneer residence (9 rooms, 4 baths) tile shingle or slate roof, oak floors, some tile flooring, tile baths.  
 Owner—Dr. Milley Wesson.  
 Architect—G. A. Dalley, 210 Post St.  
 Contractor—Sharbro and Jorgensen, 207 Walnut Street.  
 Announcement shortly.

**Plans Completed**  
**RESIDENCE** Cost, \$5,000  
**OAKLAND, Alameda Co., Cal.** Forest Park, Colton Boulevard.  
 One - story and basement frame and stucco residence (5 rooms) shingle roof, linoleum baths, hardwood floors, wood sash, two fireplaces.  
 Owner and Builder—L. N. Bonneville, 44 E 15th St., Oakland.  
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.  
 Owner will take segregated bids.

**Contract Awarded**  
**RESIDENCE** Cost, \$24,000  
**OAKLAND, Alameda Co., Calif.** 338 Pershing Drive.  
 Two - story frame and stucco residence (ten rooms).  
 Owner—Howard Petersen.  
 Architect—R. F. Keefe, 585 Mandana Blvd., Oakland.  
 Contractor—C. S. Schwartz 8219 Castro Valley Road, Hayward.

**Preparing Plans**  
**ALTERATION** Cost, \$.....  
**PALO ALTO, Santa Clara Co., Calif.** Stanford Campus.  
 Alter Alpha Omicron Pi Sorority house.  
 Owner—Alpha Omicron Pi Sorority.  
 Architect—K. Sumner, Deckerock Bldg., Palo Alto.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$7,500-\$9,000  
**PALO ALTO, Santa Clara Co., Cal.**  
 Two two - story frame and stucco residences (6 rooms, 2 baths and 8 rooms, 3 baths) shake roofs, wood sash, hardwood floors, tile baths, etc.  
 Owner and Builder—C. R. Janssen, 355 Lowell Ave., Palo Alto.  
 Architect—D. E. Jaekle, 126 Post St. San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**LOS GATOS, Santa Clara Co., Calif.**  
 One - story frame and stucco residence (shake roof, tile bath, hardwood floors, gas furnace, steel and wood sash, etc.).  
 Owner—Beryl Welsh.  
 Architect—Edw. W. Kress, 402 First National Bank Bldg., San Jose.  
 Contractor—J. C. Monk & Son, 45 Taft Ave., Los Gatos.

**Plans Being Figured**  
**REMODELING** Cost, \$.....  
**BURLINGAME, San Mateo Co., Cal.** 510 Almer Road.  
 Remodel 8-room residence into four 4-room apartments, raise building for 4-car garage, install hot water system, rewire building, stucco front, etc.  
 Owner—D. M. Dwyer, 510 Almer Rd., Burlingame.  
 Architect—O. E. Thayer, 24 Kearny St., San Francisco.  
 Plans are being figured by a se-

lected list of contractors, one of whom is Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

**Contract Awarded**  
RESIDENCE Cost, \$7,500  
BERKELEY, Alameda Co., Calif. 3 Harvard Circle.

Two-story frame and stucco residence (6 rooms); garage.

Owner—O. Harris, 1602 Shattuck Avenue.

Architect—J. E. Anthony, 2014 Shattuck Ave.  
Contractor—Whalin Bros., 2942 23rd Ave., Oakland.

**Contract Awarded**  
REMODEL FLATS Cost, \$.....  
SAN FRANCISCO. 3080 Washington Street.

Remodel flats.

Owner—A. Nolan.  
Architect—Francis E. Lloyd, 360 Pine St.

Contractor—J. B. Bourdieu, 2625 20th St.

**Plans Being Figured**  
RESIDENCES Cost, \$7,000 each  
SAN FRANCISCO. N. Peralta St., 90 ft. E. of Florida St.

Three one-story and basement residences, gas heating systems, shingle roofs, hardwood floors, tile baths, wood sash, etc.

Owner—Sala & Sala, 3090 16th St.  
Architect—A. H. Larsen, 333 Kearny St.

Plans are now being figured by a selected list of contractors.

**Plans Being Figured**  
RESIDENCE Cost, \$15,000  
PIEDMONT, Alameda Co., Calif.

Two-story and basement frame and stucco residence (10 rooms, three baths), half timber, shake roof, gas fired hot air heating system, wood sash, hardwood floors, tile baths, garage, etc.

Owner—Name Withheld.  
Architect—A. H. Larsen, 333 Kearny St., San Francisco.

Manager of Construction: Ruegg Co., 369 Pine St., San Francisco.  
Plans are now being figured by a selected list of contractors.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000-\$5,000  
SAN FRANCISCO. E. Tamalpais, S of Turk St.

Six one-story and basement frame residences.

Owner & Builder—Bay Cities Bldg. Co., 160 Russ St.

Architect—C. O. Clausen, 746 46th Ave.

**Plans Completed**  
RESIDENCE Cost, \$10,000  
SAN FRANCISCO. NE Cor. 10th Ave. and Noriega St.

Two-story frame and stucco residence, hardwood floors, tile baths, wood sash, etc.

Owner—Happy Home Building Co., 30th Ave. and Rivera St.

Architect—A. H. Larsen, 333 Kearny St.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
SAN JOSE, Santa Clara Co., Calif.

Two-story frame and stucco residence (8 rooms), composition roof, masonry floors, tile baths, etc.

Owner—Dr. Lee Watanabe.  
Architect—George Patton Simonds, 80 Main St., Hayward.

Contractor—S. Nishibara, Rt. 1, Box 572, Mountain View.

**LOW RIDDER**  
BOULDER CITY, Nevada.—Ezer Wohlkohn, at \$227,980, submitted low bid to the Los Angeles Dept. of Water & Power, on item 3 for 27 cottages and 15 garages to be built at

Boulder City.

**Plans Completed**  
RESIDENCE Cost, \$9,000  
MENLO PARK, San Mateo Co., Cal.  
One-story frame residence (5 rooms) hardwood floors, tile bath, wood sash, etc.

Owner—John Arata.  
Architect—A. H. Larsen, 333 Kearney St., San Francisco.  
Manager of Constr.—Ruegg Co., 369 Pine St., San Francisco.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
OAKLAND, Ala. Co., Calif., 6436 Harvard Avenue.

Two-story frame and stucco residence (7 rooms).

Owner—H. W. Souther.  
Architect—Not Given.  
Contractor—Farringer & Spaulding, 1806 Central Ave., Alameda.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$15,000  
OAKLAND, Alameda Co., Calif. 231 Sandringham Road.

Two-story frame and stucco residence (8 rooms) garage.

Owner—J. J. Budd, 575 Haddon Rd., Oakland.

Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.

Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

Plumbing—J. J. Horner, 532 Callan Ave., San Leandro.

Electric Wiring—E. L. Reed 2840 60th Ave., Oakland.

Heating—Atlas Heating Co., 557 4th St., San Francisco.

Tile Work—Knoyman Tile Co., 1616 Lafayette St., Alameda.

Glass—Carter Glass Company.  
Hardwood Floors—Rex Floor Co. 2468 65th Ave., Oakland.

Grading—Artes Knapp Co., 961 41st St., Oakland.

Foundations & Concrete—J. H. Fitzmaurice, 2837 Hannah St.

Lumber—Smith Lumber Co. 4th and Channel Sts., San Francisco.

Mill Work—Boorman Lbr. Co., 10035 E 14th St., Oakland.

Lathing and Plastering—F. M. Clausen, 3124 Chestnut St., Oakland.

Steel Sash—Gleason Steel Sash Co., Linton—Higgins Co., 2335 Broadway, Oakland.

**Contract Awarded**  
RESIDENCE Est. Cost, \$13,000  
SAN MATEO, San Mateo Co., Calif.

One-story frame and stucco residence (shake roof, warm air gas fired heating system, wood sash, hardwood floors, tile baths, etc.)

Owner—Withheld.  
Architect—J. K. Ballantine, Jr., 137 Channel St., San Francisco.

Contractor—D. B. Gladstone, 557 Market St., San Francisco.

**Bids Rejected—Plans Being Revised**  
RESIDENCE Cost, \$.....  
WALNUT CREEK, Contra Costa Co.

New residence.

Owner—Mrs. Paterson.  
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.

Bids were received from a selected list of contractors but were rejected as they all ran too high.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif.

One-story frame and stucco residence (six rooms) shake roof, hardwood floors, tile bath, gas fired heating system, garage.

Owner—Clarence D. Hoover.  
Architect—C. K. Sumner, Deckerrock Bldg., Palo Alto.

Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Plumbing—Lee & Sharp, 611 Emerson St., Palo Alto.

Heating—Stanford Sheet Metal Wks,

815 High St., Palo Alto.  
Sheet Metal—George Mead, 2451 El Camino Real.

Tile Work—Broomhall Art Tile, 1529 St. Francis Way, San Carlos.  
Glass—Acme Glass Co., 851 Alma St.  
Hardwood Floors—A. Backlund, 559 Kingsley Avenue.

Brick and Stone Work—Walker Bros., 950 Noble Ave., Menlo Park.

Grading—Everett Strain, Rt. 1, Box 539.

Lumber—McElroy Lumber Co., 1415 The Alameda.

Mill Work—Pacific Mfg. Co., Santa Clara.

Painting—Otto Freeborn, 901 Mercy St., Mountain View.

Lathing and Plastering—Ray Mack, 221 Mariposa Ave., Mt. View.

All of Palo Alto, unless otherwise noted.

**Plans Being Figured -- To Close May 7**  
RESIDENCE Cost, \$.....

MARTINEZ, Contra Costa Co., Calif.

Two-story frame and stucco residence (six rooms), gas warm air heating system, shingle roof, hardwood floors, etc.

Owner—C. Freuburger, care Architect.  
Architect—James H. Anderson, 2147 Claremont Ave., Berkeley.

Plans are being figured by a selected list of local contractors.

**Contract Awarded**  
RESIDENCE Est. Cost, \$12,000  
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.

Two-story frame and stucco residence (8 rooms), shingle roof, gas-fired hot air heating system, hardwood floors, tile baths, wood sash, etc.

Owner—Withheld.  
Architect—W. E. Schirmer, 427 13th St., Oakland.

Contractor—D. W. Nicholson, 550 NINE—Poling

Blossom Way, San Leandro.

**Contract Awarded**  
RESIDENCE Cost, \$8,500  
SAN MATEO, San Mateo Co., Calif.

Two-story frame and stucco residence (7 rooms, 2 baths) hardwood floors, tile baths, etc.

Owner—Mr. Smetzer.  
Architect—C. O. Clausen, 746 46th Ave., San Francisco.

Contractor—Bay Cities Building Co., 160 Russ St., San Francisco.

**Plans Completed**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO. NW Scott Street and Broadway.

Two-story frame and stucco residence (9 rooms, 2 baths) asbestos shingle roof, hardwood floors tile baths, etc.

Owner and Builder—Sbarboro and Jorgensen, 207 Walnut Street.

Architect—John M. Annden, 822 39th Avenue.

**Plans Completed**  
RESIDENCES

Cost, \$7,500 to \$10,000 each  
Two one-story frame and stucco residences; hardwood floors, tile baths, shake, composition and tile roofs, etc.

Owner & Builder—A. J. Herzog, 700 Sloat Blvd.

Architect—A. H. Larsen, 333 Kearny St.

Plans have been completed on first unit of sixteen residences.

**Owner Taking Sub Bids**  
RESIDENCES Cost, \$9,750 each  
MILLBRAE HIGHLANDS, San Mateo Co., Calif.

One two-story frame and stucco residence (6 rooms, 2 baths) and one 1½-story frame and stucco residence (5 rooms); hardwood

floors, tile baths, wood sash, etc.  
Owner & Builder—Niels Schultz, 1  
Hillcrest Blvd., Millbrae.  
Architect—A. H. Larsen, 333 Kearny  
St., San Francisco.

**Sub Bids Being Taken**  
**RESIDENCE** Cost, \$7,500  
MILLBRAE HIGHLANDS, San Mateo  
Co., Calif.

Two-story frame and stucco resi-  
dence (7 rooms), shake roof, gas  
fired heating system, wood sash,  
hardwood floors, tile baths, etc.  
Owner & Builder—J. M. Johnson,  
1215 Castro Street, San Fran-  
cisco.

Architect—A. H. Larsen, 333 Kearny  
St., San Francisco.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$11,500  
HILLSBOROUGH OAKS, San Mateo  
Co., Calif.

One-story wood rustic residence;  
shake roof, hardwood floors, tile  
bath, gas warm air heating sys-  
tem, etc.

Owner—Name Withheld.  
Architect—Mario Corbett, 72 Third  
Ave., San Mateo.  
Owner has taken bids under ad-  
vertisment.

**Plans Completed**  
**RESIDENCE** Cost, \$8,000  
SAN FRANCISCO, 20th Ave., near  
Kirchham St.

1½-story frame and stucco resi-  
dence (6 rooms), asphalt shingle  
roof, air conditioning system,  
hardwood floors, tile baths, etc.)  
Owner—Dr. L. Plato, 1301 19th Ave.  
Architect—C. O. Clausen, 746 46th  
Ave.  
Owner will take bids.

**Preparing Plans**  
**RESIDENCE** Cost, \$14,000  
SAN FRANCISCO, Francisco Hts.,  
Stanyan and Anza Sts.

Two-story duplex residence (two  
units of 8 and 5 rooms), slate  
roof, hardwood floors, tile baths,  
etc.

Owner—Name withheld.  
Architect—C. O. Clausen, 746 46th  
Ave.

**Plans Being Figured — To Close**  
May 11, 2 P. M.

**ALTER STORE** Cost, \$ ...  
SAN FRANCISCO, 611 Mission St.  
Alter store building.  
Owner—Bothin Real Estate Co., 604  
Mission St.  
Architect—Angus McSweeney, 604  
Mission St.

Plans are being figured by the  
following selected list of contractors:  
A. F. Mattock Co., 212 Clara St.  
G. W. Jensen, 320 Market St.  
Jacks & Irvine, 620 Market St.  
F. R. Siegrist, 604 Mission St.

**Being Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
SAN FRANCISCO, W. Moneta Way,  
N. of Farragut Ave.

Five one-story and basement frame  
and stucco residences (5 rooms  
each), wood sash, composition  
roofs, hardwood floors, tile baths,  
gas fired heating systems, etc.  
Owner & Builder—Rudolph Mohr &  
Sons, 442 Mission St.  
Architect—Albert H. Larsen, 333  
Kearny St.

**Preparing Working Drawings**  
**MOTOR COURT** Cost, \$ ...  
BAKERSFIELD, Kern Co., Calif.

Twenty-unit motor court (frame and  
stucco, tile roofing, cement floors,  
tile showers, etc.)  
Owner—Withheld.  
Architect—Kenneth S. Wing, 501 Ter-  
mino Ave., Long Beach.

**Sub Bids Being Taken**  
**RESIDENCE** Cost, \$7,500  
Two-story frame and stucco resi-  
dence (7 rooms), shake roof, gas  
fired heating system, wood sash,  
hardwood floors, tile baths, etc.  
Owner & Builder—J. M. Johnson,  
1215 Castro St., San Francisco.  
Architect—A. H. Larsen, 333 Kearny  
St., San Francisco.

## 15— SCHOOLS

**BID REJECTED**  
SAN FRANCISCO.—F. C. Anoro-  
so & Sons, NE Keith & Wallace  
Aves. at \$1,292, submitted only bid  
to the Department of Public Works,  
for moving fuel oil tank supplying  
with oil the Galileo High School,  
Van Ness Avenue and Francisco St.  
Acting Director, Sid J. Hester, of  
the San Francisco Department of  
Public Works, automatically re-  
jected bid as it was previously specified  
that bid should not exceed \$1,000.

**Plans and Specifications Approved**  
**RECONSTRUCTION** Cost, \$ ...  
BERKELEY, Alameda Co. Cal. Clare-  
mont Avenue.  
Reconstruction of auditorium, John  
Muir School.  
Owner—Berkeley Unified School Dis-  
trict (Clara F. Andrews, Secty.)  
2325 Milvia St., Berkeley.  
Engineer—The F. Chase, Berkeley  
Board of Education.  
Consulting Architect—Wm. C. Am-  
brose, Berkeley Board of Educa-  
tion.  
The work will be done by the WPA.

**BOND ELECTION**  
PONDHAM, Kern Co., Calif.—An  
election will be held in the Pondham  
Union School District, May 8, to vote  
on a proposal to issue \$25,000 in  
bonds to finance construction of new  
school buildings and alterations to  
existing buildings.

**Low Bidders**  
**ADDITION TO SCHOOL** \$75,000  
SAN FRANCISCO, Saint Monica's  
School (Rev. Wm. J. Cantwell,  
Rector), 24th Ave. and Geary St.  
Two-story and basement reinforced  
concrete and structural steel ad-  
dition to St. Monica's School (61  
x 91 ft.); six classrooms and as-  
sembly hall, with gymnasium in  
basement.

Owner—Archbishop of San Fran-  
cisco, 1160 Franklin St.  
Architect—Arnold Constable, 580  
Market Street.  
Structural Engineer—Kaj Theill, 580  
Market St.  
Mechanical Engineer—George E. At-  
kins, Hobart Bldg.

Low bidders follow:  
**General Construction**  
Robert McCarthy, 1363 14th Ave.,  
San Francisco.

**Heating**  
Scott Co., Inc., 243 Minna St.  
**Electric Work**  
Central Electric Co., 179 Minna St.  
**Plumbing Work**  
J. H. Pinkerton Co., 927 Howard  
St.

All bids were taken under advisement.

**PLANS BEING REVISED**  
LOS ANGELES, Calif.—Architect  
Richard M. Bates, Jr., 3670 Wilshire  
Bldg., Los Angeles, is revising plans  
for a one-story auditorium and re-  
pairs to classroom building at Low-  
ell School. All bids submitted April  
16 were rejected because of exces-  
sive cost. New bids will be called  
for in a few weeks.

**BOND ELECTION**  
BUTTONWILLOW, Kern Co., Cal.  
Buttonwillow Union School Dis-  
trict will hold an election May 15,  
at which time it is proposed to vote

on bonds in the sum of \$36,000, pro-  
ceeds to be used to finance improve-  
ments to the Buttonwillow school.

**BIDS WANTED**  
SUSANVILLE, Lassen Co., Cal.—  
Until May 3, 2:30 P. M., separate  
bids will be received by the Lassen  
Union High School District (J. A.  
Brown, Clerk of the Board) for all  
labor and materials required for the  
construction of a grandstand on the  
high school grounds at Susanville.  
Plans and specifications may be  
obtained from Clerk of the Board,  
J. A. Brown, or from Ralph D. Tay-  
lor, architect.

**Sub Contracts Awarded**  
**RECONSTRUCTION**  
Contract Price, \$44,793  
ALAMEDA, Alameda Co., Calif., Ala-  
meda Ave., bet. Oak and Walnut.  
Reconstruct auditorium at the Por-  
ter School.

Owner—Alameda City School Dist.  
Architect—Henry A. Minton, Under-  
wood Bldg., San Francisco.  
Structural Engineers—L. H. Nish-  
kian, 525 Market St., and James  
Hamill, 351 Bush St., San Fran-  
cisco.

Contractor—A. Nelson, Inc., 242  
Ocean Ave., San Francisco, 242  
Structural Steel—Independent Iron  
Works, 821 Pine St., Oakland.

**Reinforcing Steel**—Gunn-Carle &  
Co., 20 Potrero Ave., San Fran-  
cisco.

**Waste Moulds**—F. Ferrero, 1715 Web-  
ster St., Alameda.

**Glass & Glazing**—W. P. Fuller &  
Company, 301 Mission St., San  
Francisco.

**Painting**—Patterson Bros., 573 Santa  
Rosa Ave., Berkeley.

**Electric Work**—Abbett Electric Co.,  
126 Sears St., San Francisco.

**Sheet Metal**—Tohey Christiansen,  
444 Piedmont Ave., Piedmont.

**Lathing & Plastering**—Sam Muriale,  
354 Hobart St., Oakland.

**Bids Wanted**  
**SCHOOL** Cost, \$ ...  
LOST HILLS, Kern Co., Calif.  
New school building.

Owner—Lost Hills School District.  
Architect—Perrine & Mackie; Her-  
bert E. Mackie, architect; 908  
Western Pacific Bldg., Los An-  
geles.

Plans and specifications will be  
available May 3. Date for opening

**Sub Contracts Awarded**  
**RECONSTRUCT SCHOOL** Cost, \$113,141

TAFT, Kern Co., Calif.  
Reconstruction of north and south  
wings of high school.  
Owner—Taft Union High School Dis-  
trict.

Architect—Harold H. Weeks, 593  
Market St., San Francisco.

Contractor—L. H. Hansen & Son, 921  
Stafford Ave., Fresno.

Excavating—C. W. Hartman, Oak St.,  
Bakersfield.

Mil Work Pacific Mfg. Co., Santa  
Clara.

Reinf. Steel—Concrete Engrg. Co.,  
1450 Mirasol St., Los Angeles.

Struc. Steel & Ornamental Iron  
Kvly & Co., 316 G St., Fresno.

Sheet Metal—J. E. Doffhahn & Co.,  
1117 High St., Delano.

Plastering—Joseph Mast, 515 Olean-  
der St., Fresno.

Roofing—G. W. McNav, 1508 Wil-  
lams St., Bakersfield.

Glass & Glazing—W. P. Fuller &  
Co., Los Angeles and M Streets,  
Fresno.

Blackboards & Cork Carpet—Spencer  
Dost, 6518 Avalon Blvd., Los  
Angeles.

Terrazzo—Consolidated Terrazzo Co.,  
2068 Long Beach Ave. East, Los  
Angeles.

**Sub Contracts Awarded**  
**SCHOOL BLDG.** Cost, \$565,000  
**PALO ALTO**, Santa Clara Co., Cal.  
 Stanford University Campus.  
 Three-story steel frame and reinforced concrete Cubberley School of Education (33 offices, 4 library rooms, 7 classrooms, 12 working rooms, 3 laboratories, 7 cubicles, 2 research rooms, 23 special small rooms), auditorium to seat 500.

**Owner**—Stanford University.  
**Architect**—Bakewell & Weihe and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.

**Contractor**—Geo. Wagner, 181 South Park, San Francisco.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Lumber**—Mermer Lbr. Co., 795 State Highway, Palo Alto.  
**Glass & Glazing**—W. P. Fuller Co.  
**Ornamental Iron**—Rincon Ornamental Iron Works, 1315 Natoma St.  
 Sub contracts awarded to date published Mar. 9 and Apr. 2.

**Sub Contracts Awarded**  
**DORMITORY** Cost, \$236,420  
**PALO ALTO**, Santa Clara Co., Cal.  
 Stanford University Campus.  
 Addition to women's dormitory (La Quinta Court), two wings to accommodate 80.

**Owner**—Stanford University.  
**Architect**—Bakewell & Weihe and Arthur Brown, Jr., associate architects, 251 Kearny Street, San Francisco.

**Contractor**—Geo. Wagner, 181 South Park, San Francisco.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Lumber**—Mermer Lbr. Co., 795 State Highway, Palo Alto.  
**Glass & Glazing**—W. P. Fuller Co.  
**Ornamental Iron**—Rincon Ornamental Iron Works, 1315 Natoma St.  
 Sub contracts awarded to date published Mar. 8 and Apr. 12.

**Bond Election Planned**  
**GYMNASIUM** Cost, \$.....  
**DAVIS**, Yolo Co., Calif.

New gymnasium building to replace one destroyed by fire last New Year's, to include two laboratory rooms, combination band room and stage, gym, locker rooms, shower rooms, etc., and three-classroom wing addition to main school building.

**Owner**—Davis Joint Union High Sch. District.

**Architect**—Starks & Flanders, Bank of America Bldg., Sacramento.  
 An election to issue \$50,000 in bonds will be held in May.

**Plans Being Prepared**  
**ADDITION** Cost, \$18,000  
**SHAFTER**, Kern County  
 Three classroom addition to Shafter High School; (concrete frame; brick and concrete exterior; wood interior partitions; terra cotta tile roof; maple floors; plaster interior walls, etc.)

**Owner**—Kern County U. H. S. District, Bakersfield.  
**Architect**—Symmes & Willard; Stanton Willard, Architect; 215 Haberfelde Bldg., Bakersfield.

**Plans Being Prepared**  
**ADDITION** Cost, \$10,000  
**TEHACHAPI**, Kern County.

Elementary school addition (1 room and toilet) stucco exterior, concrete frame, wood interior partitions, asbestos shingle and composition roof, Douglas fir and hioleum floors, unit heating system under floors, plaster interior walls, etc.

**Owner**—Tehachapi School District.  
**Architect**—Symmes & Willard; Stanton Willard, Architect; 215 Haberfelde Bldg., Bakersfield.

**Preparing Plans**  
**ADDITION** Cost, \$.....  
**WALNUT CREEK**, Contra Costa Co., Calif.  
 Addition to Walnut Creek Grammar School.  
**Owner**—Walnut Creek Grammar School District.  
**Architect**—Harold H. Weeks, 593 Market St., (Harry M. Pittman, Architect).

**Plans Being Figured—**  
**SCHOOL** Cost, \$35,000  
**BEL-RIDGE**, Kern County.  
 School building (2 classrooms, wood shop, and lunch room) wood frame, cement plaster exterior, wood interior partitions, terra cotta tile roof, cement, hioleum and maple floors; air conditioning system; acoustic hardwall plaster interior, etc.

**Owner**—Belridge Union School District (C. E. Coleston, Clerk).  
**Architect**—Symmes & Willard; Ira W. Hoover, Architect; 215 Haberfelde Bldg., Bakersfield.  
 Plans and specifications obtainable from the office of the architect upon deposit of \$10.

**Plans Being Prepared**  
**ADDITION** Cost, \$6,000  
**McFARLAND**, Kern County.  
 One classroom addition to McFarland High School (concrete frame, brick and cement exterior; wood interior partitions; terra cotta tile roof; maple floors; steam heating system).  
**Owner**—Kern County U. H. S. District, Bakersfield.

**Architect**—Symmes & Willard; Stanton Willard, Architect; 215 Haberfelde Bldg., Bakersfield.

**CONTRACT AWARDED**  
**LOS ANGELES**, Calif.—Charles J. Dorfman, 124 N. La Brea Ave., at 4106,000, awarded contract by Los Angeles board of education for strengthening and reconstructing the auditorium portion of the main building at the John C. Fremont high school, 7676 S. San Pedro St. A. S. Nibecker, Jr., architect.

**Plans Being Figured—Bids Close**  
 May 4, 8 P. M.  
**ADDITIONS** Cost, \$19,000  
**BAKERSFIELD**, Kern Co., Calif.

Additions and alterations to boys' and girls' toilet rooms; reinforced concrete and brick veneer, tile roof, air conditioning, etc.  
**Owner**—Lerdo School District (W. E. Burris, Clerk).

**Architect**—Frank Wynkoop, 1919 Orange St., Bakersfield.  
 Plans and specifications obtainable from the office of the architect upon deposit of \$10.00.

**BIDS WANTED**  
**PALM SPRINGS**, Riverside Co., Cal.—Until May 10, 7:30 P. M., bids will be received by the Desert School District, Palm Springs, for construction of an activity unit at the Desert school. Plans and specifications may be obtained at the office of the architect, G. Stanley Wilson, 3616 Main St., Riverside.

## 16—BANKS, STORES AND OFFICES

**Contract Awarded**  
**COMMERCIAL BUILDING** Cost, \$11,820  
**SAN FRANCISCO**, S. 21st St., 122 ft. E. of Van Ness Ave. So.  
 Two-story concrete commercial bldg.  
**Owner**—Superba Packing Co.  
**Plans by** John A. Cole  
**Contractor**—M. E. Vukicevich, 666 Mission St.

**Contract Awarded** Cost, \$27,500  
**ALTERATION**  
**SAN FRANCISCO**, 985 Market St.  
 Alter store building.  
**Owner**—Metropolitan Life Ins. Co., New York City.  
**Architect**—Not Given.  
**Contractor**—Frederick L. Brown, 1387 E. 32nd St., Oakland.

**Planned**  
**BANK** Cost, \$50,000  
**JACKSON**, Amador Co., Calif. Main Street

**One-story and mezzanine modern bank building (reinforced concrete construction, central heating and ventilating system, modern low-type banking fixtures, etc., 40-ft. frontage, 5,000 sq. ft.)**  
**Owner**—Capital Company, 625 Market St., San Francisco.

Plans prepared by the Construction Department of the owner.  
 Final bidding on the site will be razed shortly.

**BIDS OPENED** Cost, \$.....  
**STORE** Cost, \$.....  
**SAN MATEO CO.**, Calif. At the Palo Alto City Line

One-story reinforced concrete store building (45 x 90 ft.), built-up roofing, wood floors.

**Owner**—M. W. Williams, San Jose.  
**Lessee**—Safety Stores.  
**Architect**—Chas. McKenzie, Twoby Bldg., San Jose.  
**Low Bidder**—E. A. Hathaway, 1102 S. Sixth St., San Jose.

Complete bids follow:  
 E. A. Hathaway, San Jose.....\$12,950  
 Wells Goodough, Palo Alto.....13,727  
 M. W. Reese, San Jose.....13,800  
 Bert Ward & Son, San Jose.....14,000  
 Valley Cnstr. Co., San Jose.....15,216

**Low Bidder** Cost, \$8,000  
**STORE BLDG.** Cost, \$8,000  
**SAN FRANCISCO**, S Irving St. 120 W of 22nd Avenue.

One-story frame store building.  
**Owner**—G. Casey, 110 Surter Street.  
**Architect**—A. W. Burgen, 30 Woodland Avenue.  
**Low Bidder**—M. E. Vukicevich, 666 Mission St., \$9,200.

**CONTRACT AWARDED**  
**LONG BEACH**, Cal.—C. W. Pettifer, 703 W 14th St., Long Beach, awarded general contract for construction of a new three-story reinforced concrete building and alterations to an existing building at 210 Locust Ave., Long Beach, for Barker Bros. Otis Elevator Co. awarded contract for elevators. Warren Dedrick, Long Beach, architect, Cost, \$50,000.

**Plans Being Figured—No Closing Date Set**  
**AUTO SHOWROOM** Cost, \$10,000  
**FRESNO**, Fresno Co., Calif. N and Fresno Streets.

Reinforced conc. automobile sales showroom building (modernistic), plate glass front, etc.  
**Owner**—James W. McAllister, Inc., Fresno and N Sts., Fresno.  
**Architect**—Frederick L. Swartz, Brix Bldg., Fresno.

Bids will be received from the following selected list of contractors:  
 W. J. Ochs, Helm Bldg., Fresno.  
 T. C. and W. H. Irwin, 908 Mildreda, Fresno.  
 Midstate Construction Co., 245 Clinton, Fresno.

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.  
 Harris Construction Co., 577 McKinley, Fresno.  
 E. J. Farr & Son, 1296 Linden, Fresno.

**Sub-Contracts Awarded**  
**STORE BLDG.** Cost, \$12,000  
**FRESNO**, Fresno Co., Calif. 921-925

Belmont Street.  
New store building.  
Owner—M. Kachner, Brix Building, Fresno.  
Architect—Not Given.  
Contractor—Harris Construction Co., 577 McKinley Ave., Fresno.  
Roofing—D. H. Coffman, 1837 Merced Street.  
Plumbing and Heating—G. B. Phillips, 2512 Belmont St.  
Electric Wiring—B. A. Goodenough, Route 1, Box 56.  
Sheet Metal—Z. Z. Dowd, 4335 Illinois Avenue.  
Glass—Fresno Glass Co., 1314 Broadway.  
Brick and Stone Work—Feller and Howard, 829 Carmen Ave.  
Lumber—Shipman Lumber Co., 1953 Anna Street.  
Millwork—Hollenbeck & Bush Planning Mill, P. O. Box 605.  
Concrete—Valley Paving Co., P. O. Box 1348.  
All of Fresno.

Contract Awarded  
STORE Cost, \$50,000  
SACRAMENTO, Calif. 1112 8th St. N.w. store building.  
Owner—W. T. Grant Co., 722 K St. Architect—Not Given.  
Contractor—H. T. Williams, 3164 Minna St., Oakland.

BIDS WANTED  
LOS ANGELES, Cal.—R. E. Phillips, mechanical engineer, 603 Architects' Bldg., is taking bids for an air conditioning system to be installed in a group of buildings on Sunset Blvd. between Gower St. and El Centro Ave., for Columbia Broadcasting Co. Wm. Leazae is the architect; Earl T. Heitschmidt, associate architect.

Contract Awarded  
STORE BLDG. Cost, \$.....  
SAN FRANCISCO, S Irving St. 120 W of 22nd Avenue.  
One-story frame store building.  
Owner—G. Casey, 110 Sutter Street. Architect—A. W. Burgen, 30 Woodland Avenue.  
Contractor—M. E. Vukicevich, 666 Mission Street.

Bids Wanted—To Close May 17, 10 A. M.  
STORE BLDG. Cost, \$75,000  
SAN LUIS OBISPO, Calif. 876 Higuera St.  
Two-story concrete, brick and frame store building (85x233 ft.).  
Owner—Montgomery Ward & Co., Chicago.  
Plans by Construction Department of Owner, Chicago Office.  
J. C. Doucha, 2825 E. 14th St., Oakland, is manager of construction for the company.

Contract Awarded  
STORE BLDG. Cost, \$77,000  
BURLINGAME, San Mateo Co., Cal. 226 Lorton Road.  
New store building.  
Owner—Herman W. Albert. Architect—Not Given.  
Contractor—Mooney & MacDonald, 1473 Burlingame Ave.

Planned  
MARKET BLDG. Cost, \$15,000  
SAN RAFAEL, Marin Co., Westland Park, West 4th St.  
Reinforced concrete, open-front market building (60 x 90 ft.).  
Owner—Frank Sturken, San Rafael. Architect—Not Given.

**17—THEATRES**

To Ask Bids Shortly  
ALTERATIONS Cost, \$15,000  
PITTSBURG, Contra Costa Co., Calif.  
Remodeling theatre (re-decorating, plastering, carpentry work, beau-

tifying lobby, new marquee, new tile floors, new men's toilets, new seating, new carpets, new electrical fixtures, etc.)  
Owner—California Theatre. Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Bids will be asked the first part of this week from a selected list of contractors.

**19—MISC. CONSTRUCTION**

Contract Awarded  
ADDITION Cost, \$.....  
SAN FRANCISCO, Intersection at Third and Fourth Streets.  
Office addition to inbound freight house.  
Owner—Santa Fe Railway Co., 560 S. Main St., Los Angeles.  
Plans by Engineering Department of Owner.  
Contractor—Monson Bros., 475 Sixth St., San Francisco.

**BIDS BEING TAKEN**

INGLEWOOD, Los Angeles Co., Calif. Maury I. Diggs, 708 Title Guarantee Bldg., Los Angeles, is taking segregated bids for various materials and services to be used in the construction of a horse racing plant at Prairie Ave. and Century Blvd., Inglewood, for the Hollywood Turf Club; Jack L. Warner, chairman of the board of directors. Rock, sand, gravel and cement contract awarded Consolidated Rock Products Co. The plant will have a grandstand to seat 15,500, a clubhouse with seating facilities for 8000, and a smaller clubhouse to accommodate 3000. Grandstand will be constructed of reinforced concrete and structural steel and the two clubhouses of reinforced concrete. There will be 20 wood frame barns, each 50x300 feet in area. All grading for the project has been completed.

**CONTRACT AWARDED**

SAN FRANCISCO—General Welding Co., 951 Folsom St., at \$194,500 submitted low bid and awarded the contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-37-254, for burning and welding repairs to floating plant located in the San Francisco Bay area either at piers designated for use of the U. S. Engineer Department along the San Francisco waterfront, or on Yerba Buena Shoals, and land plant located at Fort Funston.

Total bids were as follows:  
(A) General Welding Co., San Francisco, \$194,500.  
(B) W. E. Thomas Welding Co., \$2,056.35.  
(C) Martin's Welding Service, \$2,209.25.  
(D) Brown Bros. Welding, \$2408.50.  
(E) East Bay Welding, \$3041.75.  
(F) Peerless Welding Co., \$5103.00.  
(G) United Engineering Co., Ltd., \$3,589.50.  
(H) General Engineering & Drydock Corp., \$3,818.25.

Planned  
ALTER BREWERY Cost, \$17,500  
SAN JOSE, Santa Clara Co., Calif. The Alameda and Cinnabar Sts. Alterations to Fredericksburg Brewery.  
Owner—The Pacific Brewing & Malt-ing Co. Architect—Not Given.

**BIDS OPENED**

SWIMMING POOL Cost, \$35,000  
BAKERSFIELD, Kern County, Calif. Central Park.

Open-air swimming pool (120 x 50 ft.), stone tile bathhouse (concrete floor and tile roof, showers, and sanitary facilities; chlori-

nating and filtering equipment; 15-ft. walkways, etc.  
Owner—City of Bakersfield. Plans prepared by City Engineer Joe Hoitfeld.

Low Bidder—Henry Eissler, 2229 18th St., Bakersfield.

Complete bids follow:  
(1) Concrete block building;  
(2) Reinforced concrete building.  
Henry Eissler, Bakersfield. (1) \$55,000 (2) 54,200

A. J. Hendricks, Bakersfield (1) 57,000 (2) 58,000  
Trewitt, Shields & Fisher, Fresno (1) 57,135 (2) 57,000  
Opperman & Co., Bakersfield (1) 62,357 (2) 63,312

April 23, 1937

**BIDS OPENED**

OAKLAND, Cal.—Peerless Stages, Inc., Pacific Bldg., Oakland, at \$12.50 per day submitted the only bid received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3724, for the rental of one passenger bus, seating capacity of not less than 38 seated and 20 standing passengers, to operate daily between Melrose Station and Oakland Airport.  
Delivery job Melrose Station, 48th Ave. and E. 14th St., Oakland.

**Bids In—Under Advertisment**

MORTUARY Cost, \$.....  
STOCKTON, San Joaquin Co., Calif. One-story frame and stucco mortuary building, with apartment over garage (will contain two chapels, one to seat about 300; three slumber rooms; preparation room; two family rooms, large display room in basement; rest rooms, offices, etc.); reinforced concrete retaining walls, plaster interior finish, tile roof, wood floors carpeted, tile floors in preparation and rest rooms, completely equipped forced hot air heating system and controlled air conditioning system, etc.

Owner—Withheld. Architect—E. W. Johnson, 142 North California St., Stockton.

Bids were received from a selected list of contractors.  
Announcement shortly.

**BIDS OPENED**

SAN FRANCISCO.—Foss Launch & Tugboat Co., 400 Dock St., Tacoma, at \$4,550, with a deduction of \$712.50 in event of no damage, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-253, for towing large No. 5005, loaded with two smaller barges and other equipment, from Yerba Buena Shoals, San Francisco Bay, to the Port of Astoria, Astoria, Oregon, a distance of approximately 663 miles.

Shipowners & Merchants Towboat Co., San Francisco, at \$4,625, with a deduction of \$712.50, submitted the only other bid.

**BIDS OPENED**

SAN FRANCISCO.—Shipowners & Merchants Towboat Co., Pier 25, San Francisco, at \$11,900, with a deduction of \$3,750 in event of no damage, submitted the only bid received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-254, for towing the U. S. Dredge "Multnomah" from Yerba Buena Shoals, San Francisco Bay, to Port of Astoria, on the Columbia River, at Astoria, Oregon, about 663 miles.

**Contract Awarded**  
**PASSENGER TERMINAL**  
 Cost, \$2,000,000 to \$3,000,000  
**LOS ANGELES, Calif.** Alameda St., bet. Aliso and Macy Streets  
 Passenger terminal buildings, offices, administration unit, main concourse, entrance lobby, dining room, kitchen, main waiting room, concrete tower  
 Owner—Santa Fe Union Pacific and Southern Pacific Railroads.  
 Plans by Engineering Department of Owner (A. J. Barclay, Construction Supt., 726 N. Alameda St., Los Angeles.

Contractor—Robert E. McKee, 108 W. 4th St., Los Angeles.  
 Contract is for main station buildings; separate contracts will be let for electrical and mechanical work, of which bids have not yet been asked.

#### BIDS WANTED

**F. T. McDOWELL, Cal.**—Until May 10, 10:30 A. M., bids will be received by the Quartermaster, Ft. McDowell, under Bid No. QM 536-37-30, for dry-docking and overhauling the U. S. Harbor Boat "General Frank M. Cox."  
 Specifications obtainable from the above office.

#### Low Bidder

**MORTUARY** Cost, \$ ...  
**STOCKTON, San Joaquin Co., Calif.**  
 One-story frame and stucco mortuary building with apartment over garage (will contain two chapels, one to seat about 300; three lumber rooms; preparation room; two family rooms, large display room; in basement; rest rooms, offices, etc.); reinf. concrete retaining walls, plaster interior finish, tile roof, wood floors carpeted, tile floors in preparation and rest rooms, completely equipped forced hot air heating system and controlled air conditioning system, etc.  
 Owner—Withheld.  
 Architect—E. W. Johnson, 142 North St., Stockton, California

**Low Bidder—Lewis & Green, P. O. Box 121, Stockton.**

#### LOW BIDDER

**SAN PEDRO, Cal.**—American Automatic Electric Co., Chicago, submitted the low bid to the Procurement Division, April 19, at \$28,379, for furnishing telephone exchange for the Federal Jail, Terminal Island, San Pedro. Bid for maintenance for 5-year period was \$480. North Electric Mfg. Co., Galion, Ohio, submitted the only other bid at \$29,620, and \$620 for maintenance.

**Plans Being Prepared**  
**BLEACHERS** Cost, \$3,500  
**DELANO, Kern County.**  
 Wood frame bleachers.  
 Owner—Delano Joint U. H. S. District.  
 Architect—Symmes & Willard; Stanton Willard, Architect; 215 Half-erfelde Bldg., Bakersfield.

**61. V&M 941 4 2009 6 1114 310 A**

**CONTRACT AWARDED**  
**SAN BERNARDINO CO., Calif.**—Baker Ice Machine Co., 351 S. Anderson St., Los Angeles, at \$25,210, was awarded contract by Metropolitan Water District for constructing an indirect evaporating-type cooling and electric heating air conditioning system in each of 24 cottages located in San Bernardino and Riverside counties, along the line of the Colorado River Aqueduct, near the pumping plants designed by Gene Iron Mountain, Eagle Mountain and Hayfield; Spec. No. 203.

**To Be Done By Day's Work**  
**COMMUNITY CHAPEL** Cost, \$30,000

**SANTA ROSA, Sonoma Co., Calif.**  
 One and one-half miles south of Santa Rosa on Redwood Highway.  
 Community chapel; complete instrument facilities; chapel to seat 100 equipped with pipe organ (first unit 60x68-ft.)

Owner—Chapel of the Chimes (Lawrence F. Moore, Sect'y) Oakland.  
 Architect—L. L. Nussbaum, 638 Divisadero St., San Francisco.

## 20—MISC. SUPPLIES AND MATERIALS

#### BIDS OPENED

**BERKELEY, Alameda Co., Cal.**  
 Following bids received by the Berkeley City Council, Florence Turner, City Clerk, for furnishing 500 tons more or less each, of asphaltic concrete mix Type B and of asphaltic concrete surface mix, Type C:  
 (1) delivery in city trucks at bidder's plant;  
 (2) dumped on city streets.  
 Ransome Co., 4030 Hollis St., Emeryville: Type B (1) \$4.10; (2) \$4.40; Type C: (1) \$4.40; (2) \$4.70.  
 W. H. Larson, 7th and Ashby Sts., Berkeley, and Point Richmond: Type B: (1) \$4; (2) \$4.35; Type C: (1)

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Anaconda Wire and Cable Co., at \$33,703.50 awarded contract by the Los Angeles Water and Power Commission for furnishing medium hard drawn triple braid weatherproof insulated copper wire, Spec. 2276, including:  
 (1) 35,000 lbs. No. 8 AWG solid wire;  
 (2) 40,000 lbs. No. 6 do;  
 (3) 60,000 lbs. No. 4 do;  
 (4) 30,000 lbs. No. 2 do;  
 The bids were: (per cwt.)  
 Circle Wire & Cable Corp., (1) \$20.49; (2) \$20.49; (3) \$19.19; (4) \$19.54. Total \$32,603.50.

Six identical bids were submitted by U. S. Rubber Products, Inc., General Cable Corp., Mayfield and Hartzell, Anaconda Wire and Cable Co., John A. Roeblings Sons Co. and Phelps-Dodge Copper Products Corp. at (1) \$21.09; (2) \$20.49; (3) \$20.19; (4) \$20.04. Total \$33,703.50.  
 All discounts 1/2 of 10 days.

#### BIDS OPENED

**SAN FRANCISCO.**—South City Lumber & Supply Co., South San Francisco, at \$7.31 per c.y., total, \$2,108.20 free standing time for 15 min., extra \$3.00 per hour, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1784, for furnishing approximately 250 c.y. ready mixed concrete for San Francisco Airport (PWA).  
 The other bids were:  
 Identical bids at \$7.36 per c.y., total \$2,122.62, free standing time for 15 minutes, extra \$3.00 per hour, were submitted by John Cassaretto and Bode Gravel Co.

#### CONTRACT AWARDED

**LOS ANGELES.**—Triangle Rock & Gravel Co., P.O. Box 250, San Bernardino, at \$35,760, awarded contract by the Metropolitan Water District, Los Angeles, for furnishing concrete aggregates for San Jacinto Tunnel, Spec. No. 209. Complete bids published April 23.

#### BIDS OPENED

**DENVER, Colo.**—Jones & Laughlin Steel Corp., Bethlehem Steel Co., and Carnegie-Illinois Steel Corp., submitted identical bids to the Bureau of Reclamation, Denver, Colo., at \$12,333.29, delivered, for furnishing steel sheet piling, etc., for drops and power plant substructures f.o.b. Holtville for All-American Canal System, Invt. A-42,216-A.

The items are:

(1) 300,000 lbs. steel sheet piling;  
 (2) 9000 lbs. steel sheet piling;  
 (3) 4900 lbs. steel bent web piles, 40 ft. long.  
 The award has not yet been made (4-22-37).

#### BIDS OPENED

**LOS ANGELES, Calif.**—Bids for furnishing and erecting steel structures for transformer cranes, Spec. No. 207, were opened by the Metropolitan Water District, Los Angeles.

The items were:  
 (1) 66,100 lbs. furnish and erect steel structures for transformer crane at Gene Pumping plant, per 10-7;  
 (2) erecting transformer crane at Gene Pumping plant, lump sum;  
 (3) 54,100 lbs. furnish and erect steel structures for transformer crane at Iron Mtn. Pumping plant;  
 (4) erecting transformer crane at Iron Mtn. Pumping plant;  
 (5) 62,300 lbs. furnish and erect steel structures for transformer crane at Eagle Mtn. Pumping plant;  
 (6) erecting the transformer crane at Eagle Mtn. Pumping plant;  
 (7) 44,250 lbs. furnish and erect steel structures for transformer crane at Hayfield Pumping plant;  
 (8) erecting the transformer crane at Hayfield Pumping plant.  
 The bids were:

Western Pipe & Steel Co., (1) 8.3c, \$5496.30; (2) \$585; (3) 8.7c, \$4706.70; (4) \$585; (5) 8.3c, \$5170.90; (6) \$585; (7) 8.5c, \$3761.25; (8) \$585; total for schedule, \$21,465.15.

Pacific Iron & Steel Co., Ltd., (1) 8.4c, \$5552.40; (2) \$978; (3) 8.7c, \$4706.70; (4) \$4879; (5) 8.1c, \$5046.30; (6) \$979; (7) 8.7c, \$3849.75; (8) \$979; total for schedule, \$23,071.15.

Bethlehem Steel Co., (1) 8.8c, \$5816.80; (2) \$1050; (3) 8.8c, \$4760.80; (4) \$700; (5) 8.8c, \$5482.40; (6) \$1050; (7) \$838; (8) \$1050; total for schedule, \$23,804.00.  
 Consolidated Steel Corp., (1) 8.85c, \$5849.85; (2) \$1100; (3) 9.5c, \$5138.50; (4) \$1050; (5) 8.8c, \$5482.40; (6) \$1000; (7) 9.6c, \$4248; (8) \$1000; total for schedule, \$24,869.75.

#### BIDS OPENED

**SAN FRANCISCO.**—W. & J. Sloane 224 Sutter St., at \$459.95, submitted low bid to the Public Utilities Commission, City Hall, for furnishing and installing interior furnishings in Rooms 703 and 704 at 425 Mason St.  
 Complete bids follow:  
 W. & J. Sloane, \$459.95  
 D. N. & E. Walter, 634.98  
 N. D. Parker, 703.35

#### BIDS OPENED

**LOS ANGELES, Calif.**—Bids for furnishing 200 southern pine or Douglas fir 20-ft. treated telephone poles Class No. 6, were opened by the U. S. Forest Service, Los Angeles April 21, under Bid No. 1589.

The bids were:  
 Frost Lumber Industries: \$24 each, total \$496; southern yellow pine; delivery 25 days; weight 31 pounds each, total 62,000 lbs.; for Shreveport, La.  
 G. E. Supply Corp. \$2.65 each, total \$520; southern yellow pine, wt 62,000 lbs.; delivery 6 days; for Shreveport, La.  
 J. L. Sackett & Co., \$4.20 each; total \$840; Douglas fir; weight 52,000 lbs.; for Seattle; delivery twenty days.

James L. Hall, \$435 each, total \$870; Douglas fir; weight 54,000 lbs.; for The Dalles, Ore.; delivery 42 days; discount 2% 20 days; 1% 30 days.

**Texas Creosoting Co., \$3.19 each, total \$638; southern yellow pine; wt 62,000 lbs.; for Houston, Tex.; delivery 48 hours.**

Joelyn Co., \$2.95 each, total \$590 southern yellow pine; weight 62,000 lbs.; for Camp, La., with stopover at Winfield, La.; delivery 28 days.



**BIDS OPENED**

**LOS ANGELES, Cal.**—Piru Rock Co., Ltd., 502 Los Angeles Railway Bldg., submitted low bid to the Metropolitan Water District on Schedule 1 at \$29,210, discount 10% 30 days, for furnishing concrete aggregate for the San Jacinto tunnel; and Consolidated Rock Products Co., 2730 S. Alameda St., submitted the low bid on Schedule 2 at \$24,288, discount, 20% ton, 30 days, for furnishing same. Bids were taken on the following items:

**SCHEDULE 1**

- (1) 7800 tons fine aggregate, fob cars at bidder's plant;
- (2) 17,600 tons coarse aggregate,  $\frac{1}{2}$ - to  $\frac{3}{4}$ -in., to 1 $\frac{1}{2}$ -in., and 1 $\frac{1}{2}$ -in. to 2 $\frac{1}{2}$ -in. sizes, fob cars at bidder's plant;
- (3) unloading and hauling 24,500 tons concrete aggregate from San Jacinto siding to district's batching plant at west portal of San Jacinto tunnel.

**SCHEDULE 2**

- (4) 7800 tons fine aggregate, delivered at the district's batching plant at west portal of San Jacinto tunnel;
- (5) 17,600 tons coarse aggregate, same as item (3) delivered at district's batching plant at west portal of San Jacinto tunnel.

The bids were:

- Piru Rock Co., Los Angeles: (1) \$60 ton, total \$4680; (2) \$75 ton, total \$13,200; fob cars at Corona; (3) \$45 ton, total, \$11,430; total for schedule \$29,310; discount, 10% 30 days.

Consolidated Rock Products Co., Los Angeles: (4) \$118, total, \$9204; (5) \$138, total, \$24,288; total for schedule, \$33,492; shipped from Kincaid by rail and truck, net. A deduction of 8c per ton was offered if sand, or sand and rock aggregate from the Claremont plant are acceptable.

San Geronimo Rock Products Co., Banning: (4) \$120, total, \$9360; (5) \$140, total \$24,640; total for schedule, \$34,000; shipped from Banning by truck; net.

Triangle Rock & Gravel Co., San Bernardino: (1) \$.50, total, \$3900; (2) \$.80, total, \$14,080; fob cars at San Bernardino; (3) \$.30, total, \$12,700; total for schedule, \$30,680; (4) \$120, total \$9360; (5) \$150, total \$28,400; total for schedule \$35,760; shipped from San Bernardino by truck; discount \$.20 ton, 30 days.

Specification No. 209.

**BIDS OPENED**

**LOS ANGELES, Cal.**—Bids for furnishing 11,000 volt, 3-conductor, paper-insulated, lead-covered cable, were opened by Metropolitan Water District, Los Angeles, April 12.

The items were:

- (1) 14,000 lf. 750,000 c.m.;
- (2) 1,100 lf. No. 2 AWG.

The bids were:

Okonite-Calendar Cable, Inc., Los Angeles, (1) \$3,255, total \$45,390.97; allowance \$128.64; \$1357.86 use tax; total \$46,620.19; discount  $\frac{1}{2}$  of 1%;

(2) \$787, total, \$916.06; use tax \$27.48 total, \$943.54; grand total, \$47,563.73; reels (1) 34 72-in. at \$64 each; (2) 2 54-in. reels at \$32 each; exceptions taken to specifications regarding the splicing of cables.

General Cable Corp., Los Angeles, (1) \$3,255, total, \$45,390.97; allowance \$128.64, sales tax to be added; total \$45,262.33;  $\frac{1}{2}$  of 1% 10 days; (2) \$787 total, \$916.06; grand total, \$46,178.39; reels 34 72-in. at \$64 each; 2 54-in. at \$32 each; exception taken to the specifications regarding splicing.

Habirsabaw Cable & Wire Corp., division of Phelps-Dodge, New York City, (1) \$3,255; total, \$45,390.97; allowance, \$128.64; use tax, \$27.48; total, \$45,262.33;  $\frac{1}{2}$  of 1% 10 days; (2) \$787; total, \$916.06; grand total, \$46,178.39; reels, 34 72-in. at \$64 each; two 54-in. at \$32 each; exception taken to specifications regarding migration of compound and splicing; not guaranteed 35 ft. elevation.

Columbia Steel Corp., San Francisco, (1) \$3,255; total, \$45,390.97; allowance, \$128.64; use tax, \$1357.86; total, \$46,620.19; discount  $\frac{1}{2}$  of 1%; (2) \$787; total, \$916.06; use tax, \$27.48; total, \$943.54; grand total, \$47,563.73; reels same as other bidders; exceptions taken to specifications regarding splicing cables and migration of compound.

Kennecott Wire & Cable Co., Philadelphia, E. I., (1) \$3,255; total, \$45,390.97; allowance, \$18.64; \$45,262.33, net total; discount  $\frac{1}{2}$  of 1%; (2) \$787 total, \$916.66; grand total, \$46,178.39; reels, (1) 34 72-in. reels, \$64 each; (2) 2 54-in. reels at \$32 each; exception taken to specifications in regard to migration of compound; sales tax to be added.

Anaconda Wire & Cable Co., Los Angeles, (1) \$3,255; total, \$45,390.97; allowance, \$128.64; sales tax to be added,  $\frac{1}{2}$  of 1%; (2) \$787; total \$916.06; grand total, \$46,178.39; reels same as other bidders.

General Electric Co., Los Angeles, (1) \$3,255; total, \$45,390.97; allowance, \$128.64; use tax, \$1,357.86; total, \$46,620.20;  $\frac{1}{2}$  of 1%; (2) \$787; total, \$916.06; use tax, \$27.48; total, \$943.54; grand total, \$47,563.74; reels same as other bidders; exception to 50-ft. vertical runs and splices in stranded conductor.

John A. Roelings Sons Co., Los Angeles, (1) \$3,255; total, \$45,390.97; allowance, \$128.64 and \$3.86 use tax; \$1361.73 use tax; total, \$46,620.20;  $\frac{1}{2}$  of 1% 10 days; (2) \$787; total, \$916.06; use tax, \$27.48; total, \$943.54; grand total, \$47,563.74; reels, same as other bidders; exception as to vertical runs and splices.

**BIDS OPENED**

**BERKELEY, Alameda Co., Calif.**—Bids for furnishing rock and screenings for the fiscal year were opened by the Berkeley City Council, Florence Turner, City Clerk. Bids were taken under three alternates, as follows:

- (Alt. 1) Delivery f.o.b. Corporation yard in carload lots;
- (Alt. 2) Delivery f.o.b. City of Berkeley trucks at bidder's plant;

(Alt. 3) Delivery in bidder's trucks, to be dumped on any City street.

Bids were taken on the following items:

- (a) Crushed rock;
- (b) Macadam rock;
- (c) Concrete rock;
- (d) Screenings, No. 1;
- (e) Screenings, No. 2, or birdseye.

Complete bids follow:

Superior Rock Co.—(Alt. 2) f.o.b. 248 Macadam St., Oakland: (a) \$1.45 per ton; (b) \$1.45; (c) \$1.45; (d) \$1.45; (e) \$1.80.

Blake Bros.—(Alt. 1): (a) \$1.23; (b) \$1.54; (c) \$1.54; (d) \$1.54; (e) \$1.85; (Alt. 2): (a) \$0.82; (b) \$1.13; (c) \$1.13; (d) \$1.44; (Alt. 3): (a) \$1.45; (b) \$1.76; (c) \$1.75; (d) \$1.76; (e) \$2.07.

Hutchinson Company—(Alt. 1): (a) \$1.12; (b) \$1.43; (c) \$1.43; (d) \$1.43; (e) \$1.635; (Alt. 2): (a) \$0.82; (b) \$1.13; (c) \$1.13; (d) \$1.44; (Alt. 3): (a) \$1.25; (b) no bid; (c) \$1.55; (d) \$1.55; (e) \$1.85. \*

**BIDS WANTED**

**TUCSON, Ariz.**—Until May 5, 1:30 P. M., bids will be received by the Pima county supervisors for furnishing for administration building and nurses' home, additional general hospital equipment, office furniture and supplies, and linens and bedding for the Pima county hospital in Tucson.

**BIDS OPENED**

**SAN FRANCISCO.**—Bids for furnishing reinforcing steel and electric welded wire fabric for the San Francisco Airport (WPAAs) were opened by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1786.

Bids were taken as follows: (1) 6,355 lbs.  $\frac{1}{2}$ -in. square deformed reinforcing steel; per 100 lbs. (2) 48,000 sq. ft. electric welded fabric in rolls, 84 in. wide by 200 lf. long; per 100 sq. ft.

Anchor Post Fence Co.—(1) no bid; (2) \$2.37 per sq. ft., total, \$1171.15;  $\frac{1}{2}$  30 days.

Tucson Steel Co.—(1) \$4.05 per 100 lbs., total \$264.62; (2) \$2.37; total \$1171.15;  $\frac{1}{2}$  10 days.

Concrete Engineering Co.—(1) \$4.05, total, \$264.62; (2) \$2.37; total, \$1171.15; net.

Wickwire Spencer Steel Co.—(1) no bid; (2) \$2.37; total, \$1171.15; net.

California Wire Cloth Co.—(1) no bid; (2) \$2.37; total, \$1171.15;  $\frac{1}{2}$  30 days.

Gunn Carle & Co.—(1) \$4.05; total, \$264.62; (2) \$2.37; total, \$1171.15; net.

Johns-Manville Sales Corp.—(1) no bid; (2) \$2.37; total, \$1171.15;  $\frac{1}{2}$  10 days, net 30 days.

W. C. Hauck & Co.—(1) \$4.05; total, \$264.62; (2) \$2.37; total, \$1171.15; net.

Soule Steel Co.—(1) \$4.05; total, \$264.62; (2) \$2.37; total, \$1171.15;  $\frac{1}{2}$  10 days.

Bethlehem Steel Co.—(1) \$4.07; total \$265.96; (2) \$2.39; total, \$1180.80;  $\frac{1}{2}$  10 days.

W. S. Wettenhall Co.—(1) \$4.05; total, \$264.62; (2) \$2.37; total, \$1171.15; net.

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                    |                                             |
|------------------------------------|---------------------------------------------|
| 11.—Bridges                        | 30.—Reservoirs and Dams                     |
| 12.—Dredging, Harbor Works, Canals | 31.—Pipe, Lines and Irrigation Proj.        |
| 13.—St. Light Systems              | 32.—Sewers & Sewage Machinery and Equipment |
| 14.—Railroads                      | 33.—Water Works                             |
| 15.—Fire Alarm Syst.               | 34.—Parks & Play-grounds                    |
| 16.—Fire Equipment                 | 35.—Tunnels                                 |
| 17.—Streets & Highways             |                                             |

- (5) 15,600 sq. yds. subgrade for pavement;
- (6) 2,480 lbs. asphalt, SC-1A (sub-grade treatment);
- (7) 9 tons Grade E asphalt (sub-grade treatment);
- (8) 3,550 tons asphalt conc.;
- (9) 1,000 sq. yds. asphaltic paint binder;
- (10) 700 c.y. salvaged surf.;
- (11) 1,270 c.y. Class A portland cement concrete (pavement);
- (12) 2,400 each, pavement dowels;
- (13) 317,000 lbs. bar reinf. steel;
- (14) 3,250 c.y. Class A portland cement concrete (structures);
- (15) 70 c.y. Class A portland cement concrete (railing);
- (16) 352,000 lbs. struc. steel;
- (17) 82,000 lbs. wrought-iron reinf.;
- (18) 1,014 lf. 30-in. stand. reinf. conc. pipe;
- (19) 920 lf. 8-in. CMP;
- (20) 96 lf. 10-in. CMP;
- (21) 94 lf. 12-in. CMP;
- (22) 2,480 lbs. 8-in. perf. metal pipe;
- (23) 170 c.y. ock filling material;
- (24) 710 lf. 4-in. vit. clay pipe;
- (25) 572 lf. 6-in. vit. clay pipe;
- (26) 150 lf. 8-in. vit. clay pipe;
- (27) 884 lf. 12-in. vit. clay pipe;
- (28) 426 lf. 8-in. plain conc. pipe;
- (29) 394 lf. 10-in. plain conc. pipe;
- (30) 1,160 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
- (31) 70 lf. 3-in. stand. pipe;
- (32) 6 lf. 16-in. cast iron pipe;
- (33) 1,300 lbs. copper strips;
- (34) 21 c.y. protective covering;
- (35) 2 each, lamp holes;
- (36) 5 each, 4-in. brick manholes (sanitary);
- (37) 4 each, 5-in. brick manholes (storm water);
- (38) 6 each, exist. manholes to be adjusted;
- (39) 3,900 lbs. cast steel;
- (40) 2,350 lbs. cast iron;
- (41) 360 sq. yds. waterproofing;
- (42) 1 lot pumping equip.;
- (43) 1 lot lighting equip.;
- (44) 1 lot misc. items of work.

- (72) 210 c.y. struc. excav., uncl.;
- (73) 180 c.y. Class A concrete, in place;
- (74) 11,500 lbs. reinf. steel;
- (75) 780 lf. Redwood piles, furnished, in place;
- (76) 26 each, Redwood piles, driven, in place;
- (77) 12 lf. 240-in. x 120-in. No. 1 gauge multi-plate arch culvert, in place;
- (78) Removal of existing structure.

### ALTERNATE B

Same as Alternate "A," except omit Item (1).

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman upon deposit of \$10 per copy.

### BIDS OPENED

GOVERNMENT ISLAND, Oakland—Following bids received by Frank Haynie, Supply Officer, Forest Service Supply Dept., Government Island, under Bid No. 4630, for furnishing one 180-ft. continuous beam span, including all structural steel, etc., at the Mill Creek Bridge, job bidder's shipping point and/or Piedra:

Golden Gate Iron Works, S. F.: \$1,975.

Kyle & Co., Fresno: \$1,991.56.

Schrader Iron Works, San Francisco: \$2,240.

Bethlehem Steel Co., Alameda: \$2,460.00.

Herrick Iron Works, Oakland: \$2,484.00.

All bids for the bidder's shipping point.

### BIDS WANTED

MONO CO., Calif.—Until May 12, 3 p.m., as previously reported, new bids will be received by the State Division of Highways, S. W. Lowden, District Engineer, Bishop, for the construction of a timber and concrete bridge at East Walker river, 6.5 mi. north of Bridgeport, and grading approaches.

The work involves:

- 1,050 c.y. roadway excavation, unclassified;
- 200 sta. yds. overhaul;
- 125 c.y. struc. excav.;
- 40 lf. 24-in. CMP;
- 54 c.y. Class A portland cement concrete (structures);
- 6,000 lbs. bar reinf. steel (structures);
- 91 culvert marker;
- 44 MPFB redwood timber, dense, select, all-heart, structural grade;
- 4 MPFB redwood timber, select, all-heart, structural grade;
- 1 culvert marker;
- 6 each, monuments;
- 11 sta. finishing roadway.

NOTE: The State will furnish corrugated metal pipe for use under this contract, which pipe will be delivered to the Contractor at Minden, Nevada, on the Virginia and Truckee Railroad.

Plans and specifications obtainable from the above office.

Bids for the work were opened last September, at which time the only bid received was submitted by Basich Bros., Torrance, at \$9,685.50.

### LOW BIDDERS

MARICOPA COUNTY, Ariz.—Vinson & Pringle, 919 E. Madison St., Phoenix, at \$74,431 submitted low bid to the Arizona State Highway Commission, Phoenix, for construction of work on the Tempe-Chandler Highway, WPGS 125 AFE 619. The work, which is located on Mill Ave., about 1/4 mile south of Tempe, con-

## 21— BRIDGES

### NEW BIDS WANTED

MONO CO., Calif.—Until May 12, 3 p.m., new bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for the construction of a timber and concrete bridge at East Walker river, Mono County, about 6.5 miles north of Bridgeport, and grading approaches thereto.

The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the above office.

Bids for the work were opened last September, at which time the only bid received was submitted by Basich Bros., Torrance, at \$9,685.50.

### BIDS WANTED

SANTA CRUZ CO., Calif.—Until May 7, 2:30 p.m., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of College Road Culvert, over outlet of College Lake, Pajaro Road District, Santa Cruz County.

The work involves:

- 650 c.y. roadway embankment, in place;
- 84 c.y. structure excavation, unclassified;
- 22 c.y. gravel or crushed rock, in place;
- 70 lf. 120-in. multi-plate corrugated metal pipe culvert;
- 34 c.y. Class A concrete;
- 1,270 lbs. reinforcing steel;
- Removal of existing structure.

### ALTERNATE B

Same as Alternate A, except omit Item (1).

Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman upon deposit of \$10.

### BIDS WANTED

SAN JOAQUIN CO., Calif.—Until May 19, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, Site Highway Engineer, Public Works Bldg., Sacramento, for the construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway, at Wilson Way in the City of Stockton, consisting of a steel and concrete structure, and approximately 0.28 mile paving with portland cement concrete and asphalt concrete.

The work involves:

- 2,000 c.y. exist. conc. to be removed and disposed of;
- 33,000 c.y. roadway excav., unclassified;
- 10,000 c.y. struc. excav.;
- 8,000 c.y. imported borrow;

### BIDS WANTED

SANTA CRUZ CO., Calif.—Until May 7, 2:30 p.m., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of Multi-Plate Arch over Green Valley Creek, near Green Valley School, Pajaro Road District.

The work involves:

- 2,800 c.y. roadway excav., uncl.;

## Capital City Title Company

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JAMES E. BANCROFT

*Manager*

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801 J Street

Sacramento : California

sists of the construction of a highway underpass beneath the Southern Pacific R. R. tracks and is to be completed on or before Nov. 15, 1937. The principal items and approximate quantities are:

- 1,400 c.y. drainage excav.;
- 11,000 c.y. struc. excav.;
- 10,100 c.y. overhaul;
- 3,900 c.y. mile haul;
- 1,200 c.y. select material, CIP;
- 3,300 sq. yd. concrete pavement;
- 2,700 sq. yd. removal of concrete pavement;
- 653 cu. yd. Class A concrete;
- 415 cu. yd. Class D concrete;
- 150,400 lbs. reinforcing steel;
- 1,850 lf. single curb;
- 1,800 lf. combined curb and gutter;

- 26,500 sq. ft. 2-in. granite;
- 14,900 sq. ft. 1½-in. granite;
- 10,400 sq. ft. 4-in. sidewalk;
- 1,100 lf. lead seal;

- lump sum 30-in. steel irrigation pipe;
- lump sum membrane and asphaltic plank waterproofing;
- 1 electric driven pump;
- 1 gasoline driven pump;
- lump sum electric lighting system.

T. S. O'Connell, State Highway Engineer.

The next two bids were:  
Pearson & Dickerson, Tempe, Ariz.  
\$79,445.

W. E. Hall Co., Phoenix, \$79,746.

## 22—DREDGING HARBOR WORKS, EXCAVATION

### CONTRACT AWARDED

SACRAMENTO—Harrison-Knudsen Co., 1121 Title Guarantee Bldg., Los Angeles, at \$72,452.50, awarded contract by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Post Office Bldg., Sacramento, under Bid No. 1105-37-168, for raising and strengthening existing levee, and constructing new levee, along the northerly side of Bear River, from Feather River to the Sacramento Northern Railroad Bridge, and on the south side near the mouth of the Bear River. The total volume of earth to be placed in embankment and length of levees involved follow:

- (a) North Levee—402,000 c.y., 3 miles long;
- (b) South Levee—102,000 c.y., .03 mile long.

### BIDS WANTED

MENDOCINO COUNTY, Cal.—Until May 17, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 868-37-259, for dredging and disposing of about 88,328 cu. yd. of material in the Noyo River.

The work extends from a point opposite the outer end of the jetty at the mouth of said river to a point about 110 ft. downstream from the highway bridge at Noyo. Noyo River empties into the Pacific Ocean at a point about 1.5 miles southerly from Fort Bragg, Mendocino County. Specifications obtainable from the above office.

## 26—RAILROADS

### BIDS WANTED

SALT RIVER PROJ., Ariz.—Until May 12, 10 A. M., bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppen, Construction Engineer, under Spec. No. 917-D, for the construction of earthwork canal lining, and structures, Roosevelt power canal, Salt River project, Ariz.

The work is located about twenty miles northwest of Globe, and the principal items of work involved are:

- (1) 18,000 c.y. of excav. for canal;

- (2) 320 cu. yd. do for structures;
- (3) 80 cu. yd. do for existing concrete;
- (4) 5,300 sq. yds. of trimming canal sections for concrete lining;
- (5) 1,550 cu. yd. of backfill about the structures;
- (6) 380 cu. yd. concrete in structures;
- (7) 450 cu. yd. do in canal lining;
- (8) 70 cu. yd. do in tunnels;
- (9) 6,200 cu. ft. of granite;
- (10) 100 sq. yds. of dry-rock paving;
- (11) placing 100,000 lbs. of reinforcement bars;
- (12) erecting IMFBM of timber in structures;
- (13) drilling 1,000 lf. of holes for anchors and grouting anchors in place;
- (14) installing 6,520 pounds of gate hoists, and
- (15) installing 11,000 lbs. of miscellaneous metal work.

Work shall be commenced within 30 calendar days and completed within 120 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Phoenix or Denver, without charge to prospective bidders; to others, \$1 per copy, not returnable.

### BIDS OPENED

ALL-AMERICAN CANAL—Triangle Rock & Gravel Co. and Charles Holmes, P. O. Box 250, San Bernardino, at \$108,400, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, E. B. Williams, Construction Engineer, under Spec. No. 907-D, for the preparation of concrete aggregates near Station 90 of the All-American Canal, Boulder Canyon Project.

Bids were taken as follows:

- (1) 12,000 c.y. stripping gravel deposits;
- (2) to (5) 196,000 c.y. preparing and stockpiling sand and gravel.

Total bids follow:

- (A) Triangle Rock & Gravel Co. and Charles Holmes, San Bernardino ..... \$108,400
- (B) George W. Orr, El Paso ..... 109,720
- (C) Elliott-Stroud-Seabrook, Bakersfield ..... 113,880
- (D) Owl Truck & Materials Co., Compton ..... 118,264
- (E) George Pollock Co., Sacramento ..... 139,000
- (F) V. R. Dennis Constr. Co., San Diego ..... 238,200

Unit bids follow:

- |     | (1)    | (2)    | (3)    | (4)    | (5)    |
|-----|--------|--------|--------|--------|--------|
| (A) | \$0.05 | \$0.55 | \$0.55 | \$0.55 | \$0.55 |
| (B) | .16    | .55    | .85    | .55    | .55    |
| (C) | .18    | .57    | .57    | .57    | .57    |
| (D) | 15     | 584    | 584    | 584    | 584    |
| (E) | 15     | 70     | 70     | 70     | 70     |
| (F) | 25     | 120    | 120    | 120    | 120    |

### BIDS WANTED

SALT RIVER PROJECT, Arizona.—Until May 12, 10 a. m., as previously reported, bids will be received by the Bureau of Reclamation, Producer Bldg., Phoenix, E. C. Koppen, Construction Engineer, under Spec. No. 917-D, for the construction of earthwork, canal lining, and structures, Roosevelt power canal, Salt River Project. The work is located about 20 miles northwest of Globe.

Bids will be taken as follows:

- (1) diversion and care of river during construction, lump sum;
- (2) 12,700 c.y. excav. for canal, class 1;
- (3) 3,000 c.y. excav. for canal, class 2;
- (4) 300 cu. yd. excav. for canal, class 3;
- (5) 200 cu. yd. excav. for structures, class 1;
- (6) 50 cu. yd. excav. for structures, class 2;
- (7) 70 cu. yd. excav. for structures, class 3;
- (8) 40 cu. yd. removing existing concrete in structures and canal lining;
- (9) 40 cu. yd. removing existing con-

- crete in tunnels;
- (10) 5300 sq. yds. trimming canal sections for concrete lining;
- (11) 1550 cu. yd. backfill about struts;
- (12) 300 cu. yd. puddling or tamping backfill about structures;
- (13) 380 cu. yd. concrete in structures;
- (14) 450 cu. yd. concrete in canal lining;
- (15) 70 cu. yd. concrete in tunnels;
- (16) 6,200 cu. ft. granite;
- (17) 100,000 lbs. placing reinf. bars;
- (18) 100 sq. yds. dry rock paving;
- (19) 1000 lin. ft. drilling holes for anchors and grouting anchors in place;
- (20) 1 MFBM erecting timber in structures;
- (21) 6500 lbs. installing gate hoists;
- (22) 11,000 lbs. installing miscel. metal work.

Work shall be commenced within 30 calendar days and completed within 120 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Phoenix or Denver, without charge to prospective bidders; to others, \$1 per copy, not returnable.

### BIDS WANTED

SANTA CRUZ CO., Calif.—Until May 7, 2:30 P. M., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for improvement work in Drainage District No. 3, including cleaning and widening ditches, outlet works, flood gates, etc.

Complete description of the work will be published shortly. Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman upon deposit of \$100.00.

### BIDS WANTED

SANTA CRUZ CO., Calif.—Until May 7, 2:30 p. m., as previously reported, bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for improvement work in Drainage District No. 3, near Watsonville.

The work involves:

- (1) 100 c.y. embankment from side borrow, in place;
- (2) 90 cu. yd. struc. excav., unclass.;
- (3) 500 lf. furnishing redwood piles, including test piles;
- (4) 21 piles, including test piles, driven in place;
- (5) 1,000 ft. h. m. all heart structural redwood sheet piling, in place;
- (6) 600 ft. h. m. all-heart structural redwood in drainage control structure, in place;
- (7) 1 lot corrugated metal pump house, complete in place;
- (8) 40 cu. yd. structure concrete Class A, in place;
- (9) 2,950 lbs. reinforcing bar steel, intermediate grade, in place;
- (10) 7 units 42-in. diam. "Calco" drainage gates and "Armo" corrugated metal pipe assemblies, in place;
- (11) 1 lot pumping equipment, complete in place;
- (12) 6,447 lf. new drainage channel;
- (13) 2,000 lf. clean and improve existing drainage channels, Sec. A-1;
- (14) 2,054 lf. clean and improve existing drainage channels, Sec. A-2;
- (15) 2,015 lf. clean and improve existing drainage channels, Sec. A-3;
- (16) 2,425 lf. clean and improve existing drainage channels, Sec. A-4;
- (17) 3,669 lf. clean and improve existing drainage channels, Sec. A-5;
- (18) 2,060 lf. clean and improve existing drainage channels, Sec. A-6;

- (19) 2,470 lf. clean and improve existing drainage channels, Sec. A-7;
- (20) 1,900 lf. clean and improve existing drainage channels, Sec. A-8;
- (21) 2,425 lf. do, Sec. B-1;
- (22) 3,250 lf. do, Sec. B-2;
- (23) 3,450 lf. do, Sec. D-1;
- (24) 4,740 lf. do, Sec. D-2;
- (25) 3,450 lf. do, Sec. E-1;
- (26) 2,900 lf. new drainage channel, Sec. E-2;
- (27) 3,300 lf. clean and improve existing drainage ditch, Sec. F-1;
- (28) 2,600 lf. clean and improve existing drainage ditch, Sec. F-2;
- (29) 2,200 lf. do, Sec. F-3;
- (30) 5,400 lf. do, Sec. F-4;
- (31) 3,700 lf. do, Sec. F-5;
- (32) 1,250 lf. do, Sec. G-1;
- (33) 2,700 lf. do, Sec. G-2;
- (34) 2,400 lf. do, Sec. H-1;
- (35) 2,700 lf. new drainage channel, Sec. H-2;
- (36) 2 MFMB all-heart structural redwood in farm bridges, in place;
- (37) 4 MFMB No. 1 common fir in farm bridges, in place;
- (38) 3 MFMB select common fir in farm bridges, in place.
- Plans and specifications obtainable from the office of County Surveyor Lloyd Bowman upon deposit of \$10.

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

**BOULDER CANYON, Nevada.**—Westinghouse Electric & Mfg. Co., Denver, at \$108,280, awarded contract by the Bureau of Reclamation, Denver, for furnishing two oil circuit breakers and lightning arrester equipment, for installation in the Boulder Dam powerhouse.

### BIDS OPENED

**SAN FRANCISCO.**—The following bids were received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3749, for rental of one 5-KW portable gasoline driven generating (light) plant, 110-volts, direct current "Kohler" make or equal, for San Francisco:

U. S. Machinery Corp., San Francisco, \$45 per month; net; 1 day delivery.

Rix Co., San Francisco: \$75 per month; 1 day delivery; net.

Lerer Bros., San Francisco: \$84.40 per month; 2% 20 days; 1 day delivery.

Weidental - Gosliner Elec. Works, San Francisco: \$99.40 per month; 1 day delivery; net.

West Coast Electric Works, San Francisco: \$100 per month; 2% 10 days; 1 day delivery.

### BIDS OPENED

**SAN FRANCISCO.**—The following bids were received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3753, for the rental of one No. 14S concrete mixer, gasoline driven, for use on WPA projects; for Agricultural Association grounds, Geneva Avenue and Rio Verde, San Francisco:

Chas. H. Nilsen, San Francisco: \$70 per hour; net; 1 day delivery.

Roger R. Bacon, San Francisco: \$125 per hour; net; 1 day delivery.

M. B. McGowan, San Francisco: 135 per hour; net; 1 day delivery.

### BIDS OPENED

**SACRAMENTO, Cal.**—Bids for furnishing grading units required for grading purposes at the Sacramento Air Depot were opened by Major Arthur W. Parker, Constructing Quartermaster, under Bid No. 6870-37-21.

Bids were taken as follows:

- (1) 10 each 70-h.p. tractors (crawler)
- (2) 8 each, 12-c-y. "Carryall" scrapers;
- (3) 2 each, bulldozers for the above tractors;
- (4) 2 each, rooters for above tractors
- (5) 2 each, sheepsfoot rollers for the above tractors;
- (a) hourly rental with operating personnel, gas, oil and maintenance
- (b) hourly rental with maintenance but without gas, oil or operating personnel;
- (c) hourly rental without operating personnel, without gas, oil, and maintenance.

Complete bids follow:

Payton Bros., Montana: (1a) \$4.63; (1b) \$3.50; (1c) \$2.00; (2a) \$1.00; (3a) \$1.00; (4a) \$1.00; (5a) \$1.00.

Crook Co., Los Angeles: (1a) \$5; (1b) \$3.25; (1c) \$2.75; (2a) \$2; (2b) \$2; (2c) \$1.85; (3a) \$1; (3b) \$1; (3c) \$1; (4a) \$0.50; (4b) \$0.50; (4c) \$0.50; (5a) \$0.50; (5b) \$0.50; (5c) \$0.50.

Harry A. Collingham, Los Angeles: (1a) \$5; (2a) \$2.50; (3a) \$2.50; (4a) \$2.50; (5a) \$2.50.

Hanrahan Co., San Francisco: (1a) \$7.88; (1b) \$5.86; (1c) \$4; (2a) \$3.79; (2b) \$3.79; (2c) \$2.88; (3a) \$1.79; (3b) \$1.79; (3c) \$1.56; (4a) \$1.84; (4b) \$1.84; (4c) \$1.61; (5a) \$1.80; (5b) \$1.80; (5c) \$1.62.

Pacific Equipment Rentals Co., Los Angeles: (1a) \$7.00; (b) \$4.00; (c) \$4; (2) \$4.25 per month; (3) \$175 per month; (4) \$150 per month; (5) \$165 per month.

D. McDonald, Sacramento: (1) \$7.45; (1b) \$4; (1c) \$4; (2b) \$2.50; (2c) \$2.50; (3b) \$2.50; (3c) \$2.50; (4b) \$2.50; (4c) \$2.50; (5b) \$2.50 (5c) \$2.50.

C. A. Baker, North Sacramento: (1a) \$5.25; (1b) \$3.50; (1c) \$4; (2a) \$3.64; (2b) \$1.64; (2c) \$1.49; (3a) \$0.82; (3b) \$0.82; (3c) \$0.77; (4a) 10.82; (4b) \$0.82; (4c) \$0.77; (5a) \$0.82; (5b) \$0.82; (5c) \$0.77.

Shovels & Tractor Rentals, Inc., Los Angeles: (1a) \$5.75; (1b) \$4.20; (1c) \$2.54; (2a) \$1.50; (2b) \$1.58; (2c) \$1; (3a) \$1.10; (3b) \$1.18; (3c) \$0.75 (4a) \$1.18; (4b) 1.10; (4c) \$0.75; (5a) \$1.10; (5b) \$1.10; (5c) \$0.75.

Equipment shall consist of ten power tractors, not less than 70-h.p. of crawler type, completely equipped with power control for operation of other grading equipment listed; 8 12-c-y. scrapers carryall type, rigid for power operation with tractor; two rooters, two bulldozers power operated, and two sheepsfoot rollers. Rooters, bulldozers and sheepsfoot rollers must be of a size adapted for and fitted to be used with the above described tractors. It is estimated that the grading will involve excavation of approximately 900,000 c.y. of earth.

### CONTRACT AWARDED

**YERBA BUENA ISLAND.**—Coast Side Transport Co., at \$7 per round trip (\$21 per day), submitted low bid and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-252, for the rental of one passenger-carrying motor bus, with operator, for transporting employees of the U. S. Engineer Department between San Francisco and the site of the Naval Reservoir, Yerba Buena Island, during a period of approximately 60 days, for 156 trips.

The other bids were:  
Grayline, Inc.—\$12.50 per round trip; 3 trips per day; \$35.50 per day.  
Pacific Greyhound—\$35 per day. \* 85

### BIDS OPENED

**YUMA PROJECT, Ariz., and Carlsbad Proj., N. M.**—Ruth Dredger Mfg. Corp. Ltd., Los Angeles, at \$22,700, for Los Angeles, discount ¼%, submitted the only bid received by the Bureau of Reclamation, Denver, un-

der Spec. No. 909-D, for furnishing and delivering two ditch-cleaning and excavating machines of the crawler-traction and endless chain, bucket digging unit type to be used for cleaning, deepening and widening drains and canals and excavating new drains and canals; one each for use on the Yuma Project and the Carlsbad Project.

### BIDS OPENED

**SAN FRANCISCO.**—Pacific Equipment Rental Co., 6900 S Alameda St., Los Angeles, at \$5.50 per hour, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-251, for the rental of one 90-h.p. submersible pump, not less than 90 drawbar h.p., and scraper, with operator.

Delivery for Yerba Buena Shoals. Complete bids follow:

Pacific Equipment Rental Co., Los Angeles, \$5.50 per hour.

Bay Equipment Co., San Francisco \$11.00.

Chas. L. Harney, San Francisco, \$11.50.

All bids net. \* 5

### BIDS OPENED

**LOS ANGELES.**—Bids for furnishing deep well pumping equipment for Kagel Canyon were opened by the Los Angeles county purchasing agent, under Quot. No. 3772. The bids were: Shaw Pump & Supply—\$685; net. Peerless Pump Co.—\$795.42; discount 3% 30 days.

Pomona Pump Co.—\$719; net. Bay Equipment Co.—\$1050; discount 1% 15 days.

Smith Booth Usher Co.—\$611; net. Winthrope Pumps—\$476; discount 3% 30 days.

Fairbanks, Morse & Co.—\$494.50; net.

### BIDS OPENED

**SACRAMENTO.**—Bids for furnishing equipment for the Utilities Shops at the Air Depot were opened by Major Arthur W. Parker, Constructing Quartermaster, Army Air Corps Supply Depot, Sacramento, under Bid No. 6870-37-20, as follows:

- (1) 1 saw bench, Universal, 16-in.; 16-in. base, 16-in. high.
- (2) 1 borer, vertical, single spindle;
- (3) 1 surface, single cylinder, 24-in. x 6-in.;

(5) 1 jointer, 9-in.;

(6) 1 lathe, speed, 12-in., 60-in. bed;

(7) 1 shaper, single spindle;

(8) 1 grinder, pedestal type, 2-in. x 12-in.;

(9) 1 trimmer, wood, 15-in. x 6-in.;

(10) 1 machine, pipe, portable;

(11) 1 brake, cornice, 96-in.;

(12) 1 machine, forming, 36-in.;

(13) 1 folder and brake, 36-in.;

(14) 1 shears, squaring, 36-in.;

(15) 1 plate, bench, with stake;

(16) 1 machine, heading and crimping;

(17) 1 machine, turning and wiring;

(18) 1 furnace, gas;

(19) 1 grinder, 7-in., floor type;

(20) 1 drill, ¼-in., portable, with bench;

(21) 2 each, vices, bench type;

(22) 1 vise, pipe.

All equipment shall be delivered within 60 days from date of receipt of award, f.o.b. Sacramento Air Depot.

Complete bids follow:

Dallman Supply Co., Sacramento—(10) \$345; (12) \$45.82; (13) \$138.04; (14) \$157.16; (15) \$74.27; (16) \$28.22; (17) \$62.15; (18) \$74; (21) \$35.20; (22) \$65.

Crane Company, Sacramento—(10) \$379.80; (alternate) \$402.50; (22) \$715.

Walworth California Co., Sacramento—(10) \$402.50.

Dunham, Carrigan & Hayden Co., San Francisco—(10) \$372.80; (11) \$192.65; (12) \$34.50; (13) \$121.70; (14) \$114; (15) \$83.35; (16) \$23.69; (17)

\$60.37, alternate \$44.75; (18) \$3.85; (19) \$76.50; (20) \$90.10; (21) \$21.80; (22) \$5.85.

**A. L. Young Machinery Co., San Francisco**—(1) \$1152.95, alternate \$1365; (2) \$901.95, alternate \$975; (3) \$1182; (4) \$1107.75; (5) \$462; (6) \$347.55; (7) \$809.48, alternate \$545; (8) \$236.25; (9) \$117.60, alternate \$267.75.

**Doide Co., San Francisco**—(2) \$835, alternates \$940 and \$750; (3) \$660; (7) \$975.

**A. J. Gleesner Co., San Francisco**—(1) \$402.50; (19) \$72.20; (20) \$84; (21) \$22; (22) \$5.80.

**Moore Machinery Co., San Francisco**—(8) \$190; (10) \$700; (11) \$205; (12) \$44; (13) \$182.60; (14) \$145.39; (16) \$30; (17) \$23.25, alternate \$20.75; (19) \$125; (20) \$109

**L. S. Seyfert**—(1) \$898, alternate \$890; (2) \$698; (3) \$469; (4) \$1149; (5) \$429; (6) \$106.75, alternate \$369; (7) \$784; (8) \$298.

**Oakland Sheet Metal Co., Oakland**—(11) \$197.10; (12) \$42.50; (13) \$103.90; (14) \$145.60; (15) \$95.90; (16) \$29.60; (17) \$51.05; (18) \$5.50.

**James A. Motley Co., Inc., New York**—(1) \$839; (2) \$445; (3) \$445; (4) \$1025; (5) \$385; (6) \$95; (7) \$709; (8) \$490.

**J. A. Fay & Egan, Cincinnati**—(1) \$116.65; (2) \$870.45; (3) \$615.65; (4) \$1228.30; (5) \$347.55; (6) \$261.95; (7) \$649.09, alternate \$561.14; (9) \$298.75; (10) \$100.00; (11) \$100.00; (12) \$121.50; (13) \$121.50; (14) \$128; (15) \$89.70; (16) \$28.10; (17) \$47; (18) \$4.

**Eby Machinery Co., San Francisco**—(1) \$1069; (2) \$793; (3) \$499; (4) \$1142; (5) \$397; (6) \$353; (7) \$598; (8) \$150.

**Bulotti Machinery Co., San Francisco**—(8) \$232.36; (10) \$358; (11) \$187.70; (12) \$36; (19) \$140.75; (20) \$112.

**Thompson Diggins, Sacramento**—(8) \$245; (10) \$372.60; (11) \$202.50; (12) \$43.60; (13) \$135; (14) \$148.50; (15) \$108.75; (16) \$31.90; (17) \$73.77; (18) \$4.80; (19) \$51.85; (20) \$95.40; (21) \$24.24; (22) \$6.30.

**Kemp Machinery Co., Baltimore**—(1) \$970.40; (2) \$813.08; (3) \$452.90; (4) \$1095.74; (5) \$252.76; (6) \$97.70, alternate \$320.56; (7) \$542.30, alternate \$343; (8) \$166.53; (11) \$201.31; (15) \$107.43; (16) \$28.40; (17) \$97.61; (18) \$7.40; (19) \$56.46; (20) \$91.90; (21) \$19.80; (22) \$8.61.

**Harron, Rickard & McCone, San Francisco**—(1) \$999; (4) \$870; (5) \$349; (6) \$402; (7) \$473; (8) \$312; (10) \$460; (19) \$57.80; (20) \$126.50.

**Yates American Machinery Co.**—(1) \$1128; (2) \$844; (3) \$629; (4) \$1228; (5) \$561; (6) \$380; (7) \$498.

**Baker, Hamilton & Pacific Co., San Francisco**—(10) \$372.80; (11) \$190; (12) \$96; (13) \$120; (14) \$119; (15) \$79; (16) \$25; (17) \$43; (18) \$3.95; (19) \$79.02; (20) \$90.10; (21) \$80; (22) \$6.

**Ducumet Metals Co., San Francisco**—(8) \$262; (12) \$44; (13) \$182.60; (14) \$145.39; (15) \$98.75; (16) \$30; (17) \$43.95; (20) \$90.10; (21) \$42.20; (22) \$5.63.

**Peter H. Nelson, San Francisco**—(19) \$67; (20) \$86.40.

**Eckles & Davies Machinery Co., San Angeles**—(8) \$211.09; (12) \$51.36; (13) \$2; (14) \$170.75; (16) \$34; (17) \$7.90; (19) \$45.65; (20) \$82; (21) \$240; (22) \$16.15.

**Crosbie Co., Washington, D. C.**—(9) \$170; (19) \$69; (20) \$77.50.

**C. W. Marwadel Co., San Francisco**—(10) \$402.50; (14) \$144.50; (17) \$4.50; (18) \$5; (19) \$38.63; (20) \$3.50; (21) \$24.22; (22) \$6.30.

#### CONTRACT AWARDED

Bids held under advertisement. \*  
**VERNON, Los Angeles Co., Cal.**—airbanks, Morse & Co. were awarded 1 contract by the Vernon city council

at \$1106.30, for furnishing one centrifugal pump with electric motor.

## 26—RAILROADS

### BIDS WANTED

**S. P. RAILROAD CO.**—Until May 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 289, City Hall, for the reconstruction of Market Street tracks between Geary and Sutter streets.

The work involves:

- (1) Removing 2230 ft. of existing track & pavement, single track;
- (2) 2 each, installing and removing temporary crossovers;
- (3) 860 cu. yd. excavation below pavement;
- (4) Lump sum, installing drainage system;
- (5) 500 cu. yd. furnishing crushed rock ballast;
- (6) 150 cu. yd. breaking and distributing concrete ballast;
- (7) 2,230 ft. constructing girder rail track, including hauling materials, but exclusive of excavation, paving, and bonding single track;
- (8) Lump sum, installing special work at Geary St.;
- (9) Lump sum, installing special work at Second St.;
- (10) 80 each, furnishing and installing thermit welded joints;
- (11) 11 each, furnishing and installing 30,000 lb. coner bonds;
- (12) 38 each, furnishing and installing 6 ft. 4/0 copper cross bonds;
- (13) 1,150 lb. furnishing and installing 4/0 solid copper wire for special work;
- (14) 20,000 sq. ft. asphaltic pavement on concrete base;
- (15) 4,000 sq. ft. asphaltic conform pavement, consisting of asphaltic concrete wearing surface including removal of existing asphalt surface;
- (16) 1,500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base;
- (17) 2,300 ft. concrete stringer, single track.

Plans and specifications obtainable at Room 605, 425 Mason Street, upon deposit of \$10. Paul J. Ost, Chief Engineer. 26

## 28—FIRE EQUIPMENT

### CONTRACT AWARDED

**MARTINEZ, Contra Costa County, Cal.**—P. E. Van Pelt, Oakland, at \$3,900, awarded contract by the Martinez City Council for furnishing a fire truck, 350-gal. capacity with a 500-gal. pumper, and equipped with a White motor. 28

### CONTRACT AWARDED

**OAKLAND**—Pacific Fire Extinguisher Co., 142 Ninth St., San Francisco, at \$3,463, awarded contract by the Oakland Board of Port Commissioners, A. H. Abel, Secretary, for furnishing one emergency fire truck.

## 29—STREETS AND HIGHWAYS

### PLANNED

**SAN MATEO COUNTY, Cal.**—The House Merchant Marine Committee has approved construction of a Coast Guard seaplane base at the site of the San Francisco Municipal Airport, Mills Field. The work is estimated to cost approximately \$600,000 and will include hangars and barracks for approximately 60 men.

### CONTRACTS AWARDED

**STATE OF WASHINGTON**—Bids for highway and bridge construction were opened by L. V. Murrow, Director of Highways, Olympia, and contracts awarded as follows:

**Snohomish County**—Paving with Portland cement contract on about 4.2 miles of State Road No. 1, Island School North, Snohomish County, involving about 12,450 cubic yards of excavation, 9,220 cubic yards of selected road material, and borrow 172,000 cubic yards of cement concrete pavement, 68,450 pounds of pavement reinforcing, 1,533 linear feet of cable guard rail Des. No. 6, 112 linear feet of Tullith guard rail, 909 linear feet of pipe culverts and other items.

Awarded: Northwest Const. Co., 5950 6th N.W., Seattle, \$113,122.

**King County**—Paving with Portland cement concrete on about 5.6 miles of State Road No. 2, Section 1, Lower Crossing of South Fork of Snoqualmie River to North Bend; Section 2, Snoqualmie River Bridge Approaches near Snoqualmie, and Section 3, Preston to Fall City, Pavement Replacements, King County, involving about 16 acres of clearing, 9 acres of grubbing, 70,650 cubic yards of excavation, 68,640 square yards of Portland cement concrete pavement, 56,030 pounds of pavement reinforcing, 9,855 linear feet of cable guard rail Design No. 6, 1,597 linear feet of pipe culverts and other items.

Awarded: Erickson Paving Co., 1550 N 34th, Seattle, \$223,169.

**Okanogan and Ferry Counties**—Surfacing with crushed stone on about 22.5 miles and constructing a bituminous surface and rock mix Class "B" on about 21.0 miles of State Road No. 4, Wauconda Summit to Columbia River, Okanogan and Ferry Counties, involving about 3,880 cubic yards of ballast, 39,610 cubic yards of crushed stone surfacing, 10,720 cubic yards of mineral aggregates (oil rock), 1,491 tons of bituminous cement, and other items.

Awarded: Standard Asphalt Paving Co., Chronicle Bldg., Spokane, \$115,836.

**Pend Oreille County**—Surfacing with crushed stone, manufacturing and stockpiling mineral aggregates and constructing a light bituminous surface treatment on about 300 ml. of State Road No. 6, Section 1, McCloud Creek to Binesel; Section 2, Metairie Falls to B. C. Line, Pend Oreille County, involving about 29,390 cubic yards of crushed stone surfacing, 9,250 cubic yards of mineral aggregates, 735 tons of bituminous cement and other items.

Awarded: F. R. Hewett, 420 W 22nd Spokane, \$75,612.

**Grant County**—Surfacing with crushed stone and constructing a Bituminous Surface Treatment by the road mix method on about 9.4 miles and stockpiling mineral aggregate (oil rock) on about 37.1 miles of State Road No. 7, Ephrata to Grant-Lincoln County Line, Grant County, involving about 120 cubic yards of ballast, 839 cubic yards of crushed stone, 1,270 cubic yards of mineral aggregates, 457 tons of bituminous cement and other items.

Awarded: Joslin & McAllister, N 303 Haven, Spokane, \$36,083.

**King County**—Constructing a steel plate girder bridge with reinforced concrete approach spans and paving with Portland cement concrete on about 0.2 mile of State Road No. 2, Bridge across south fork of Snoqualmie River at North Bend, King County, involving about 340 cubic yards of excavation, 846 square yards of cement concrete pavement, 825 cubic yards of concrete, 165,000 pounds of steel reinforcing bars, 160,000 lbs. of structural steel, 3,400 linear feet of precast concrete piling, 720 linear feet of untreated timber piling, 33 MFBM of timber and lumber untreated, and other items.

Awarded: Cascade Const. Co., 448 Ravenna Blvd., Seattle, \$59,800.  
**Spokane County**—Paving with Portland cement concrete on about

0.7 mile of State Road No. 2, Spokane West, Spokane County, involving about 2,280 cubic yards of excavation, 7,467 square yards of Portland cement concrete pavement, and other items.

Awarded: Chas. A. Power, E 27th St., Spokane, \$19,676.

#### BIDS WANTED

**NYE CO., Nevada.**—Until May 7, 2:30 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, Nevada, for the construction of a portion of the state highway system in Nye County, from the east boundary of the Nevada National Forest to a point approximately 9 miles east, Route 4, Section B, a length of approximately 8.9 mi.; and from a point approximately 22 miles west of Lockes to a point approximately 7 miles east of Lockes, Route 4, Sections C2 and C3 and D1, a length of approximately 29.81 miles.

- The work involves:
- (1) 3,173 tons asphaltic road material, Type SC2;
  - (2) 255 tons asphaltic road material, Type MC2;
  - (3) 38.71 miles roadmix;
  - (4) 38.71 miles finish roadway;
  - (5) 394 each, culvert markers.

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco.

#### AWARD RECOMMENDED

**YAVAPAI COUNTY, Ariz.**—Award of a contract to W. E. Orr, Prescott, at \$25,892.25, for 7,815 miles surfacing on Sections I and J of Route 7, the Oak Canyon National Forest Highway, Coconino National Forest, Yavapai County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

#### AWARD RECOMMENDED

**APACHE COUNTY, Ariz.**—Award of a contract to Pearson & Dickerson, Box 471, Prescott, at \$68,906.80 for 4.84 miles grading and placing subgrade reinforcement with bituminous treated (light surface application) on Section C of Route 1, Petrified Forest National Monument, Apache County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

#### AWARD RECOMMENDED

**LOS ANGELES CO., Cal.**—Award of a contract to Crow Bros. Contract Co., 5109 Alhambra Ave., Los Angeles, at \$125,962.50, for approximately 3,226 miles grading on Section D of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

#### SUB BIDS WANTED

**YERBA BUENA ISLAND.**—B. A. Howkies & Co., 1182 Market St., San Francisco, desire sub bids on all portions of the work for construction of a roadway on Yerba Buena Island, for which bids will be opened by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, April 23, 3 p.m., under Bid No. 868-37-243.

#### BIDS WANTED

**LINCOLN CO., Nevada.**—Until May 7, 3:10 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial

Bldg., Carson City, for the construction of a portion of the state highway system in Lincoln County, from Stonehouse Station "A" 0 mile 00 to Pony Springs Station "A" 830 plus 71.80, Route 7, Section D3, a length of approximately 15.73 miles.

- The work involves:
- (1) 1,196 tons asphaltic road material, Type SC2;
  - (2) 104 tons asphaltic road material, Type MC2;
  - (3) 15.73 miles roadmix;
  - (4) 14.73 miles finish roadway;
  - (5) 150 each, culvert markers.

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

#### BIDS WANTED

**LINCOLN CO., Nevada.**—Until May 7, 2:30 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the state highway system in Lincoln County, from a point near Crystal Springs Station "A" 643 plus 36.99 to a point approximately 14 miles west of Caliente, Station "A" 2230 plus 69.53, Route 7, Sections B1 and B3, a length of approximately 30.07 miles.

- The work involves:
- (1) 2,443 tons asphaltic road material, Type SC2;
  - (2) 198 tons asphaltic road material, Type MC2;
  - (3) 30.07 miles roadmix;
  - (4) 30.07 mi. finish roadway;
  - (5) 224 each, culvert markers;
  - (6) 250 c.y. processing stockpile gravel;
  - (7) Force Account, obliterate old

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

#### BIDS WANTED

**WHITE PINE AND ELKO COS., Nevada.**—Until May 7, 2 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the state highway system in White Pine and Elko Counties from junction of Route 24 to Wells, Route 13, Sections A, A1, A2, B1, B2, B3, a length of approximately 79.06 miles.

- The work involves:
- (1) 232 lf. remove culvert pipe;
  - (2) 682 c.y. roadway excav.;
  - (3) 5,703 c.y. side-borrow;
  - (4) 290 c.y. struc. excav.;
  - (5) 0.5 mile subgrade;
  - (6) 20 miles reshape roadway;
  - (7) 79.05 miles finish roadway;
  - (8) 817 tons asphaltic road material, Type SC2;
  - (9) 520 tons asphaltic road material, Type MC2;
  - (10) 79.05 miles roadmix;
  - (11) 424 each, culvert markers;
  - (12) 0.5 mile salvage and relay gravel surface;
  - (13) 20,650 tons crushed gravel or stone surface;
  - (14) 38 lf. 18-in. CMP (dipped);
  - (15) 38 lf. 24-in. CMP (dipped);
  - (16) 82 lf. 30-in. CMP (dipped);
  - (17) 12 each, move pipe culvert head-walls;
  - (18) 325 c.y. backfill;
  - (19) 232 lf. relay culvert pipe.

Plans and specifications obtainable from the above office upon deposit of \$5, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco. \*

#### BIDS WANTED

**SISKIYOU AND SHASTA COS., Cal.**—Until May 18, 2 P. M., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco for placing surface course and bituminous treatment on Sections D and E of Route 77, the Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta counties, a length of 16.18 miles.

- Principal estimated quantities are:
- (1) 45,000 tons crusher run top course
  - (2) 500 tons supplemental crushed stone;
  - (3) 1125 M. gals. watering;
  - (4) lump sum, water plant or plants for project;
  - (5) 370 tons cutback asphalt, Type MC-1, for prime coat;
  - (6) 3800 tons cover (Class A pavement) split method;
  - (7) 275 tons 95 plus liquid asphalt for Class A pavement.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

#### CONTRACT AWARDED

**SAN DIEGO CO., Calif.**—John Hansen, 1429 Island Ave., San Diego, at \$5,386, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for furnishing and hauling earth for the District Shop and Maintenance Yard site, San Diego, between Taylor, Juan and Rosecrans streets.

#### LOW BIDDER

**SAN FRANCISCO.**—M. J. Lynch, Oakland & Barneveld Aves., San Francisco, at \$2,538.10, submitted low bid for Department of Public Works, City Hall, under Spec. No. 19,028, for the reconstruction of the northeast corner of Polk and Fell Streets.

- The work involves:
- (1) 60 lf. granite curb redressed & relet;
  - (2) 80 lf. new granite curb, circular;
  - (3) 1 brick catchbasin, comp. with existing casting;
  - (4) 1 catchbasin capped with man-hole frame and cover;
  - (5) 25 10-in. VCP culvert;
  - (6) 3 street and traffic signs reseat;
  - (7) 2 electric pedestrian traffic signals relocated;
  - (8) 1 fire alarm box relocated;
  - (9) 1540 sq. ft. asphalt - concrete pavement consisting of a 6-inch Class E 5-sack concrete base and a 2-inch asphaltic concrete wearing surface;
  - (10) 85 tons asphaltic concrete conform pavement;
  - (11) 45 center line traffic markers removed and reseat;
  - (12) 125 lf. 4-in. white lacquer traffic lines;
  - (13) 50 furnishing and installing new cross-walk markers;
  - (14) 15 furnishing and installing new center line traffic markers;
  - (15) 1600 sq. ft. two-course concrete sidewalk;
  - (16) 1 traffic island, complete, with beacon;
  - (17) 410 lf. excavation for street cut, rail removal and replacement with pavement;
  - (18) 1 concrete curb inlet.

Total bids were:

(A) M. J. Lynch.....	\$2,538.10
(B) Chas. L. Harney.....	2,923.00
(C) Fay Improvement Co.....	3,148.90
(D) Eaton & Smith.....	3,163.73
(E) E. J. Treacy.....	3,206.93
(F) J. B. (C).....	3,206.93
(1).....	\$ 80 \$ 90 1.00 \$ 1.00 \$ 2.00
(2).....	3.00 4.00 3.25 3.00 2.50
(3).....	45.00 60.00 85.00 90.00 100.00
(4).....	40.00 60.00 45.00 30.00 63.00
(5).....	1.20 1.00 2.00 1.50 1.00
(6).....	3.00 5.00 5.00 5.00 5.00

(7)...	50.00	100.00	20.00	100.00	40.00
(8)...	100.00	75.00	65.00	100.00	60.00
(9)...	.24	.30	.36	.30	.33
(10)...	4.50	5.00	7.00	6.00	5.50
(11)...	.05	.20	.80	.25	.75
(12)...	.025	.02	.02	.04	.04
(13)...	.20	.30	.70	.20	.20
(14)...	.50	1.00	1.00	1.00	3.00
(15)...	.13	.20	.21	.16	.18
(16)...	800.00	650.00	620.00	900.00	829.50
(17)...	.50	.60	1.00	.70	1.00
(18)...	10.00	15.00	5.00	10.00	20.00

**BIDS WANTED**

**PERSHING, CHURCHILL AND DOUGLAS COS., Nevada.**—Until May 7, 3:30 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the state highway system in Pershing, Churchill and Douglas Counties, as follows: Lovelock to a point approximately 5 miles to a length of approximately 5.24 miles; 6 miles east of Fallon to Stillwater, a length of approximately 9.41 miles; Fallon to a point approximately 2.4 miles north, a length of approximately 2.38 miles; junction of State Route 3 to Genoa, a length of approximately 3.66 miles; Centerville to Gardnerville, a length of approximately 3.88 miles; the total length of all projects being approximately 24.57 miles.

- The work involves:
- (1) 1,468 tons asphaltic road material, Type SC2;
  - (2) 164 tons asphaltic road material, Type MC2;
  - (3) 24.57 miles road mix;
  - (4) 24.57 miles finish roadway;
  - (5) 228 cu. yds. mixing approach.
- Plans and specifications obtainable from the above office upon deposit of \$5 per set, of which amount \$2.50 will be returnable; and on file at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco.

**BIDS OPENED**

**SAN DIEGO COUNTY, Cal.**—John Hansen, 1429 Island Ave., San Diego, at \$3,396 submitted low bid to the State Division of Highways, E. E. Wallace, District Engineer, San Diego, for furnishing and hauling earth for the District Shop and Maintenance Yard site, San Diego, between Taylor, Juan and Rosecrans Streets.

- The work involves:
- (1) 2700 cu. yd. garden soil, in place;
  - (2) 16,000 cu. yd. earth fill, in place.
- Complete bids follow:
- John Hansen, (1) \$28; (2) \$29; total, \$5396.
- C. E. Grove, (1) \$33; (2) \$36; total, \$6651.
- E. P. Watson, (1) \$375; (2) \$375; total, \$7012.50.
- V. R. Dennis Const. Co., (1) \$45; (2) \$38; total, \$7295.
- R. E. Hazard & Son, (1) \$75; (2) \$32; total, \$3745.
- Charles Holmes, (1) \$46; (2) \$56; total, \$10,202.
- A. C. Bussey, (1) \$70; (2) \$73; total, \$13,570.

**BIDS OPENED**

**VALLEJO, Solano Co., Cal.**—J. E. Johnston, Weber Ave. and "E" St., Stockton, at \$33,996.44 submitted low bid to the Vallejo City Council for repaving portions of Sacramento, Fork, Capitol, and Virginia Streets and street and alley crossing intersecting.

- The work involves:
- (1) 4,414 cu. yd. excavation;
  - (2) 2,163 tons 3-inch crusher run slurry base;
  - (3) 11,534 sq. ft. 4-in. asphalt concrete base;
  - (4) 11,740 sq. ft. 3-in. asphalt concrete top;
  - (5) 127,084 sq. ft. 2-inch asphaltic concrete top;
  - (6) 360 cu. yd. concrete curb and gut-

- ter;
- (7) 66.2 cu. yd. concrete gutter;
- (8) 2,672 lf. curb armor;
- (9) 15 cu. yd. concrete alley wings;
- (10) 1 drainage inlet;
- (11) 54 lf. 12-in. vitrified clay drain;
- (12) 75 lf. 15-inch do;
- (13) 200 sq. ft. concrete sidewalk;
- (14) 1 curb inlet for catchbasin.

Total bids follow:

(A) J. E. Johnston, Stockton, \$33,998.44.

(B) G. Raisch, San Francisco, \$36,663.54.

(C) Independent Const. Co., Oakland \$41,037.38.

(D) Pacific States Const. Co., San Francisco, \$42,187.80.

(E) Hanrahan Co., San Francisco, \$45,963.89.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)...	\$0.70	\$0.50	\$0.70	\$1.50	\$0.45
(2)...	1.90	2.20	2.60	2.30	2.92
(3)...	.10	.117	.13	.115	.14
(4)...	.08	.084	.10	.09	.12
(5)...	.06	.068	.065	.07	.08
(6)...	12.00	12.00	14.50	13.00	19.36
(7)...	11.00	12.00	14.50	12.00	19.36
(8)...	.20	.16	.25	.18	.25
(9)...	11.00	12.00	14.50	11.00	17.41
(10)...	200.00	80.00	75.00	100.00	100.00
(11)...	2.25	2.00	2.00	1.50	1.78
(12)...	2.50	3.00	2.50	3.00	2.38
(13)...	.20	.16	.20	.16	.26
(14)...	60.00	45.00	75.00	80.00	100.00

Bids referred to City Engineer T. D. Kulkenny.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$3,754.75 awarded contract by the Department of Public Works, City Hall, for the reconstruction and widening of Diamond Street between Surrey and Sussex Streets.

April 28, 1937

**CONTRACT AWARDED**

**SAN FRANCISCO**—Deluca and Son, Inc., 1745 Filbert St., at \$1,263.90 awarded contract by the Department of Public Works, City Hall, under Spec. No. 19034, for the construction of concrete sidewalks on Anza St. between Aguello Blvd. and Parker Avenue.

**BIDS WANTED**

**GLA CO., Ariz.**—Until May 11, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, Arizona, for highway construction on the Superior-Miami Highway, EA 15, 1st Reop. (1937), AFE 7002. The work, which starts near the west city limits of Miami and extends southwesterly toward Superior for a distance of about one mile, consists of grading, draining and asphaltic surface treatment, and is to be completed on or before Dec. 15th, 1937.

- The principal items are:
- 73,300 cu. yd. roadway excav.
  - 3,500 cu. yd. slides and overbreakage;
  - 8,900 cu. yd. drainage excav.
  - 9,700 cu. yd. struc. excav.
  - 96,700 sta. yds. overhaul;
  - 4,500 cu. yd. imported borrow (CIP);
  - 8,200 cu. yd. selected material (CIP);
  - 450 M. gals. sprinkling;
  - 720 hours rolling;
  - 328 cu. yd. Class A concrete;
  - 71,300 lbs. reinf. steel;
  - 4,128 lf. C.M. pipe (5 sizes);
  - 826 lf. road guard;
  - 500 lf. rail bank protection (Type B);
  - 85 lf. standard paved RR. crossing (Type B);
  - 74 tons cutback asphalt;
  - 140 cu. yd. cover coat (concrete sand);
  - 10,000 sq. yds. salvaging and stockpiling oil cake;
  - Lump sum removal of concrete bridge.

Plans and specifications may be obtained from the office of the State Highway Engineer, T. S. O'Connell.

Certified or cashier's check for 5% must accompany each proposal.

**BIDS WANTED**

**SAN LUIS OBISPO CO., Calif.**—Until May 18, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.3 miles grading and surfacing with plant-mixed surfacing, medium curing type, on crusher run base, in San Luis Obispo County, between San Luis Obispo Creek and Cuesta Sidling.

The work involves:

- (1) 170 sta. clear and grub;
  - (2) 8,400 M. gals. water;
  - (3) 915,000 cu. yd. roadway excav., unc.;
  - (4) 16,200 cu. yd. struc. excav.;
  - (5) 6,100 cu. yd. ditch and channel excavation;
  - (6) 3,310,000 sta. yds. overhaul;
  - (7) 4,200 cu. yd. imported borrow;
  - (8) 98,000 cu. yd. trench excav. (fill treatment);
  - (9) 16,000 cu. yd. rock filling material (fill treatment);
  - (10) 4,400 cu. yd. conc. removed and disposed of;
  - (11) 38 sta. scarifying and leveling existing road;
  - (12) 170 sta. finishing roadway;
  - (13) 22,500 tons crusher run base;
  - (14) 17,500 tons mineral aggregate (plant-mix surf.);
  - (15) 915 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
  - (16) 90 tons liq. asphalt, SC-2 (prime coat);
  - (17) 27 tons liq. asphalt, SC-4 (stockpiled surf.);
  - (18) 15 tons liq. asphalt, SC-1A (penetration oil treatment, parting strip);
  - (19) 455 tons liq. asphalt, SC-2 (road-mix surf. treat.);
  - (20) 37,500 sq. yds. preparing, mixing and shaping subways;
  - (21) 85 tons liq. asphalt, 90-95 (seal coat);
  - (22) 1,050 tons screenings (seal coat);
  - (23) 270 cu. yd. Class A portland cement (struc.);
  - (24) 23,000 lbs. bar reinf. steel;
  - (25) 65 cu. yd. Class A portland cement (channel lining);
  - (26) 380 sq. yds. mesh reinf. (channel lining);
  - (27) 1,086 lf. 8-in. CMP;
  - (28) 3,346 lf. 18-in. CMP;
  - (29) 1,644 lf. 24-in. CMP;
  - (30) 206 lf. 30-in. CMP, 14-gauge;
  - (31) 250 lf. 30-in. CMP, 12-gauge;
  - (32) 530 lf. 36-in. CMP, 12-gauge;
  - (33) 1,412 lf. 36-in. CMP, 10-gauge;
  - (34) 92 lf. 42-in. CMP, 10-gauge;
  - (35) 204 lf. 60-in. CMP, 8-gauge;
  - (36) 6,754 lf. 8-in. perf. metal pipe underdrains;
  - (37) 750 cu. yd. rock filling material underdrains;
  - (38) 330 lf. exist. CMP, removed, cleaned and relaid;
  - (39) 254 lf. exist. CMP removed, cleaned and salvaged;
  - (40) 350 lf. 75-in. multiplate CMP, 47-15;
  - (41) 300 lf. 75-in. multiplate CMP, 47-15;
  - (42) 170 lf. 105-in. multiplate CMP, 61-1;
  - (43) 300 lf. 120-in. multiplate CMP, 73-11;
  - (44) 39 each, spillway assemblies;
  - (45) 32 each, drop inlet frames and covers;
  - (46) 30 each, Redwood timber drop inlet covers;
  - (47) 14,535 lf. laminated guard railing;
  - (48) 85 each, culvert markers;
  - (49) 6.8 miles new property fences;
  - (50) 10 each, drop gates;
  - (51) 23,850 lf. timber curb;
  - (52) 75 each, monuments complete in place;
- (ALTERNATE "A"):
- (53) 271 each, 6-in. x 6-in. x 4-ft.

- metal headers;  
 (54) 1,467 each, 6-in. x 6-in. x 8-ft. metal headers;  
 (55) 218 each, 6-in. x 6-in. x 8-ft. metal headers;  
 (56) 69 each, 6-in. x 6-in. x 8-ft. metal step-back headers;  
 (57) 4,169 each, 6-in. x 8-in. x 6-ft. metal stretchers;  
 (58) 1,682 each, metal header caps;  
 (59) 218 each, metal header spacers;  
 (60) 287 each, metal header inserts;  
 (61) 4 each, gap fillers;  
 (62) 301 each, stretcher inserts;  
 (63) 544 each, 5-in. x 8-in. x 6-ft. reinf. conc. headers;  
 (64) 2,357 each, 5-in. x 10-in. x 6-ft. reinf. conc. headers;  
 (65) 2,294 each, 8-in. x 6-in. x 6-ft. reinf. conc. stretchers;  
 (66) 2,126 each, 6-in. x 8-in. x 6-ft. reinf. conc. stretchers;  
 (67) 1,082 each, 5-in. x 10-in. x 6-ft. reinf. conc. stretchers;  
 (68) 18 each, 10-in. x 6-in. x 10-in. conc. filler blocks.

NOTE: Alternatives "A" and "B" are for alternate types of cribbing members. A bidder is required to submit a bid on one alternate and may, but is not required to, submit bids on both alternates. The contract will be awarded, unless all bids are rejected, to the lowest responsible bidder for the work as a whole, irrespective of the alternate upon which his bid is based.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Luis Obispo.

#### CONTRACT AWARDED

LOS ANGELES.—T. A. Allen Co., 500 Central Bldg., has been awarded a contract by the Santa Fe Railway Company for extending the turntable at the Redondo Junction engine terminal in Los Angeles. The work, which will start this week, will consist principally of excavating and concrete work.

#### SUB BIDS WANTED

YERBA BUENA ISLAND.—Leo Epp, 4745 Geary Street, San Francisco, desires sub bids on all portions of the work for the construction of a roadway on Yerba Buena Island a length of approximately 2,591 feet, for which bids will be opened today, April 28, 3 p.m., by the U. S. Engineer Office, 401 Custom House, San Francisco. Bid No. 668-37-241.

#### BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until April 30, 10 A. M., bids will be received by R. M. Derton, city manager, for Improving Fourth Street between Tremont Avenue and Park Avenue. In accordance with plans and specifications which may be obtained at the office of J. W. B. Blackburn, city engineer-director of public service.

- The work involves:
- (1) 78 lf. cement concrete curb;
  - (2) 127 lf. cement concrete combined curb and 6-in. gutter, 15-in. wide;
  - (3) 173 sq. ft. 8-in. concrete gutter;
  - (4) 687 tons asphalt concrete base course;
  - (5) 258 tons do leveling course;
  - (6) 258 tons asphalt concrete, type A wearing surface;
  - (7) one type A catchbasin;
  - (8) one type B-1 local depression;
  - (9) 64 lf. 10-in. standard strength cement pipe (average depth 3 ft.);
  - (10) grading complete, inc. removal of 15 sq. ft. pavement and preparation of 29,509 sq. ft. of subgrade.

#### CONTRACTS AWARDED

STATE OF OREGON.—Contracts for highway construction have been awarded by the Oregon State Highway Commission, R. H. Baldoock, State Highway Engineer, to privately reported, low bidders, as follows:

Washington County: Forest Grove-Hillsboro Section of Tualatin Valley Highway; 4.95 miles grading and 4.72 miles asphaltic concrete pavement. Requires approximately 9,000 cu. yd. excavation; 10,500 cu. yd. crushed rock; 3,000 lf. cable guard fence; 1,250 lf. concrete curb and gutter; 1,700 cu. yds. Portland cement concrete base; and 59,900 cu. yds. asphaltic concrete pavement.

Contractor: Warren Northwest, Inc., P. O. Box 5972, Portland 4102-9411; under advisement.

Yamhill County: Bellevue-Pringle Corner Section of McMinville-Tillamook Highway; 2.82 miles grading and Portland cement concrete pavement; also 87-foot pile trestle bridge. Requires approximately 44,000 cu. yd. excavation; 130 cu. yd. concrete; 21,000 lbs. metal reinforcement; 660 lf. treated piling; 22 MFBM treated lumber; 190 lf. concrete handrail; 1,500 cu. yd. crushed rock or crushed gravel; and 36,500 sq. yds. Portland cement concrete pavement.

Contractor: Harold Blake, 400 N. Thompson, Portland, 4105, 927.50. Bids held under advisement.

Polk and Yamhill Counties: Willamina Rock Production Project on Salmon River, McMinville - Tillamook and Dallas-Cost Highway. Requires 10,000 cu. yd. crushed gravel or crushed rock in stock pile.

Contractor: Harold Blake, 400 N. Thompson, Portland, 421,900; bids held under advisement.

#### NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised, bids to be opened in Los Angeles on May 13.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The cost of the prints follows:

VII-Ven-79-B.F.I.C.—Between Eyle Road and Telegraph Road: PLANS (No. of Sheets) 27; cost, \$2.70; CROSS-SECTIONS (No. of Sheets) 50; cost, \$5.00; total, \$7.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

#### BIDS WANTED

CORCORAN, Kings Co., Calif.—Until May 4, 8 p.m., bids will be received by the Corcoran City Council, Jas. C. Condon, City Clerk, for the construction of street improvements (described in Resolution of Intention No. 90-1).

Specifications obtainable from the above office.

#### PLANNED

SAN FRANCISCO.—The Department of Public Works, Room 251, City Hall, plans to improve Taraval Street between 12th Ave. and Montevideo Ave., including intervening intersections.

The work will involve:

- (1) Grading (excavation);
- (2) Unarmored concrete curb;
- (3) Two-course concrete sidewalk;
- (4) Brick catchbasins, complete;

- (5) 10-in. VCP culvert, in place;
- (6) 8-in. Class E concrete pavement;
- (7) Asphaltic concrete pavement, 6-in. E, with 2-in. asphaltic concrete wearing surface;
- (8) Asphaltic conc. conform pavement;
- (9) 4-in. white lacquer traffic lines;
- (10) Ornamental street lighting system, complete.

#### CONTRACT AWARDED

LOS ANGELES CO., Calif.—D. A. Loomis, 676 W. Salem St., Glendale, at \$14,668 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for construction of sidewalks and stairways on grade separation structure at Firestone Blvd. and Graham Ave., Los Angeles.

#### CONTRACT AWARDED

SANTA BARBARA CO., Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$81,292.10 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 0.6 mile grading and surfacing with asphalt concrete and widening a reinforced concrete bridge in Santa Barbara County between Miramar Ave. and Olive Mill Road.

#### PLANNED

SAN MATEO CO., Calif.—County Engineer Urban S. Marshall has prepared a tentative budget for highway and bridge construction for the coming fiscal year, including \$21,286 for bridges; \$14,714 for the La Honda road, and \$30,000 for the Redwood City harbor road, all new construction. Among the major improvement projects are: resurfacing a 15-mile section from Skyline Blvd. to San Gregorio, \$12,150; La Honda-Pescadero road, 13 miles, \$20,100; Kings Mountain-Tunitas road, 15 miles from Woodside to Coast Highway, \$10,000; and 17 miles of repair work in the North Fair Oaks district, \$5,000.

#### BIDS WANTED

MARIN CO., Calif.—Until May 10, 11 a.m., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for the construction of a reinforced concrete retaining wall on County Road No. 309, Bolinas, Marin County.

The work involves:

- (1) 172 cu. yd. Class A portland cement concrete in place;
- (2) 10,500 lbs. reinforcing steel, in place.

Plans and specifications obtainable from the office of County Surveyor Rodney E. Messner, Court House, San Rafael.

### 30—RESERVOIRS & DAMS

#### NO BIDS RECEIVED

LAKEPORT, Lake Co., Calif.—No bids were received by the Lakeport City Council, D. W. Dillard, City Clerk, for the raising of Reservoir No. 1 and 8-inch concrete wall. The work will probably be done by day labor.

April 28, 1937

#### LOW BIDDERS

LOS ANGELES COUNTY, Cal.—Gogo & Rados, 10253 Santa Monica Blvd., Los Angeles, at \$34,170 submitted low bid to the Los Angeles County Board of Supervisors for the construction of the spillway of San Gabriel Dam No. 1.

The three low bids follow:  
 Gogo & Rados, L. A. .... \$314,170.00  
 Atlas Const. Co., J. P. Im-

mond and C. F. Robbins, Pasadena, .. 315,157.50

Stroud & Seabrook Co. & C. M. Elliott, Bakersfield .. 379,815.00

Complete bids will be published shortly.



**32— SEWERS & SEWAGE DISPOSAL PLANTS**

**PLANNED**  
**ANAHEIM**, Orange Co., Cal.—Leo J. Sheridan, city councilman of Anaheim, has reported that state board of health officials favor the construction of individual treatment plants for the various cities now members of the joint outfall sewer district. A complete report on the sentiment existing in the various cities will be made May 12. C. Kennedy of San Francisco has previously reported to Santa Ana his recommendation that the entire outfall be rebuilt at a cost of \$750,000.

**33— WATER WORKS**

**BIDS OPENED**  
**SEATTLE**, Wash.—Pacific Water Works Supply Co., Atlantic St. Dock Seattle, at \$51,000 submitted the only qualified bid received by the Alderwood Manor Water District No. 2, for furnishing materials to be used in construction of a 200,000 water supply system.

The project will involve furnishing 171,356 ft. of steel pipe from 2 to 10 inches, one 75,000-gal. storage tank, 267 gate valves, 35 air valves, fire hydrants, valve boxes, and fittings.

Principal quantities involved in the pipe contract include: 35,518 of 2-in.; 116,671 ft. of 4-in.; 2652 ft. of 6-in.; 13,720 ft. of 8-in., and 2795 ft. of 10-inch pipe.

Plans and specifications prepared by Parker & Hill, 2021 Smith Tower, Seattle, engineers.

Labor for the project will be furnished by the WPA.

**BOND ELECTION**  
**CALAVERAS COUNTY**, Calif.—A special election will be held June 1 in the Calaveras Public Utility District to vote on a proposal to issue \$150,000 in bonds for the purchase and rehabilitation of the Mokelumne River Water System, to serve the Mokelumne Hill-Paloma section and the San Andreas and cement plant area of Calaveras County.

A. C. Norton, 1580 Euclid Avenue, Berkeley, engineer, prepared the plans and estimates for the project.

**BIDS OPENED**  
**LOS ANGELES**, Cal.—Emaco Derrick & Equipment Co., 6811 S. Alameda St., submitted the only bid to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau for furnishing and erecting 12,000-gallon water tanks and 60-ft. towers one department's footings at Silver Lake and Victorville; Spec. 2243.

- (1) One welded steel water tank, erected on bolted steel tower, including footing anchors, Silver Lake switching station, \$4,425;
- (2) same, Victorville switching station, \$4,400.

**BIDS OPENED**  
**SAN FRANCISCO**—E. J. Treacy, Call Bldg., at \$28,659.86 submitted the low bid to the Department of Public Works, City Hall, under Spec. No. 19004, for the construction of Section C of the Embarcadero District High Pressure System.

- The work involves:
- (1) (110 lengths) approx. 115 tons of 14-inch Class H double spigot plain pipe, furnished, tested and delivered;
- (2) (9 lengths) approx. 6 tons 10-in. Class H double spigot lugged pipe furnished, tested and delivered.

NOTE: Items Nos. 1 and 2 cast iron pipe shall be furnished by the contractor.

- Castings in Place**
- (3) 1269 l.f. 14-in. Class H double spigot plain pipe;
- (4) 156 l.f. 14-in. Class H double spigot lugged pipe;
- (5) 291 l.f. 10-inch Class H double spigot plain pipe;
- (6) 96 l.f. 10-inch Class H double spigot lugged pipe;
- (7) 134 l.f. 8-inch Class H bell and spigot lugged pipe;

NOTE: Items Nos. 3 to 7 inclusive, some of the pipe and special castings will be furnished by the city. Such pipe as the city does not have on hand shall be furnished by the contractor under Bid Items Nos. 1 and 2. Such special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

- (8) 5 each 8-in. gate valves, furnished, tested and delivered;
- (9) 5 each, standard h.p. hydrants furnished, tested and delivered;

NOTE: Items Nos. 8 and 9 shall all be furnished by the contractor.

- (10) each 12-in. banded gate valves in place:
- (11) 1 ea. 10-in. gate valves in place
- (12) 6 each, 8-in. do;
- (13) 6 each, standard h.p. hydrants, in place.

NOTE: Items 10, 11, 12 and 13, some valves and hydrants for these items shall be furnished by the contractor under bid items 8 and 9.

- (14) 16,200 lbs. pig lead furnished, & delivered;
- (15) 26,300 lbs. cast steel special castings, furnished and delivered;
- (16) 2,800 lbs. cast iron special castings, furnished and delivered;
- (17) 1924 lbs. manhole, valve box, cast iron frames, covers and dust pans, furnished and placed;
- (18) 8250 lbs. wrought iron bolts, nuts washers and the rods, furnished and placed;
- (19) 1140 lbs. reinforcing steel furnished and placed;
- (20) 15.5 c.y. Class "B" concrete, in place;
- (21) 1200 c.y. excavation and backfilling;
- (22) 5700 sq. ft. asphaltic concrete pavement (2-in.-6-in. Class F concrete);
- (23) 96 sq. ft. concrete sidewalk, 2-course;
- (24) 4 c.y. crushed rock, furnished & placed;
- (25) lump sum, alteration to existing high pressure line.

Total bids follow:

- (A) E. J. Treacy, San Francisco, \$28,659.86.
- (B) Lowrie Paving Co., San Francisco, \$29,435.55.
- (C) Martin Murphy, Berkeley, \$30,371.90.
- (D) Robt. B. McNair, Oakland, \$34,141.53.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	\$60.00	\$61.70	\$66.00	\$68.50
(2).....	70.00	71.50	80.00	80.20
(3).....	2.81	2.50	1.50	2.90
(4).....	3.01	2.50	1.50	3.00
(5).....	2.71	2.50	1.50	1.50
(6).....	3.00	3.00	1.50	1.75
(7).....	3.50	3.50	1.50	3.00
(8).....	170.00	175.00	170.00	200.00
(9).....	306.00	3.13	310.00	375.00
(10).....	30.00	50.00	30.00	50.00
(11).....	25.00	40.00	30.00	50.00
(12).....	16.00	25.00	20.00	25.00
(13).....	15.00	30.00	30.00	50.00
(14).....	.065	.07	.07	.07
(15).....	.19	.205	.20	.20
(16).....	.11	.115	.10	.11
(17).....	.10	.10	.10	.095
(18).....	.15	.155	.15	.155
(19).....	.05	.08	.07	.055
(20).....	15.00	10.00	20.00	30.00
(21).....	2.50	1.25	2.50	2.50
(22).....	.20	.20	.26	.26
(23).....	.15	.20	.20	.25
(24).....	3.00	5.00	2.00	3.50
(25).....	500.00	2250.00	2500.00	3500.00

**BIDS OPENED**  
**SAN MATEO CO.**, Calif.—Martin Murphy, 734 Santa Fe Ave., Berkeley, at \$5,997.50, submitted low bid to the Public Utilities Commission, City Hall, San Francisco, under S.F. W. D. Contract No. 143, for relocating a portion of the San Andreas 30-in. pipe line located in Holy Cross Cemetery, approximately two miles south of San Francisco, to accommodate construction of an addition to a mausoleum. The pipe line to be constructed is approximately 233 ft. in length and will be 30-in. inside diameter, etc.

- The work involves:
- (1) 325 l.f. fabrication, lining and coating of steel pipe with single standard wrapping, 30-in. pipe;
- (2) 500 c.y. excav. and backfill of pipe trenches;
- (3) 335 l.f. installation of pipe;
- (4) 245 l.f. removing abandoned portion of existing 30-in. pipe;
- (5) Furnishing and installing one manhole;
- (6) 40 hours, furnishing welders;
- (7) 20 hours, furnishing welding machine.

Total bids follow:

- (A) Martin Murphy, Berkeley.....\$5,997.50
- (B) M. J. Lynch, S. F.....5,246.25
- (C) S. F. Water Dept.....5,374.75
- (D) Union Paving Co., S. F.....7,098.50

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 8.00	\$10.00	\$ 8.00	\$ 9.30
(2).....	1.50	1.00	3.50	3.00
(3).....	3.00	2.25	1.50	4.25
(4).....	1.50	1.50	.65	2.65
(5).....	175.00	160.00	160.00	200.00
(6).....	2.00	2.00	1.70	4.00
(7).....	2.75	1.75	.75	2.50

N. A. Eckart, Chief Engineer

**BONDS DEFEATED**  
**PITTSBURG**, Contra Costa Co. Cal.—A proposal to issue \$195,000 in bonds to finance construction of a new waterworks system was defeated at a special election in Pittsburg April 22, by 122 votes. The vote was 650 for and 507 against.

Defeat of the bond issue will have no effect on construction of a water filtration plant, estimated to cost \$33,000, for which bids will be opened May 3 & P. M.

Frank R. Taormina, city clerk.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—San Francisco Water Department, 425 Mason St., at \$5,292.50, awarded contract by the Public Utilities Commission, City Hall, under W.D. Contract 137, for the removal of approximately 75 feet of 23-inch steel pipe, the laying of approximately 25 ft. of 24-in. steel pipe, laying of approximately 365 ft. of 30-in. steel pipe, setting of such valves and fittings as may be required, the cutting in of two blow-off connections to an existing 16-in. cast-iron main, and the making of the connections between the proposed 30-inch steel main and the existing mains or gas. The work is located at the County line.

**BOND ELECTION**  
**DALY CITY**, San Mateo Co., Cal.—An election will be held May 25 to vote on a proposal to issue \$22,000 in bonds to finance the construction of an extension to the city water system.

Application will be filed with the PWA for a grant to aid in financing.

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**  
**VAN NUYS**, Los Angeles Co., Cal.—Until May 28, bids will be received by the Procurement Division, Pub-

lic Buildings Branch, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at Van Nuys.

**BIDS WANTED**

**SAN MATEO, San Mateo Co., Calif.**—Until May 19, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at San Mateo.

**CONTRACT AWARDED**

**WOODLAND, Yolo Co., Calif.**—Lindo Nursery, Chico, at \$494, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at Woodland.

**CONTRACT AWARDED**

**RENO, Nevada.**—J. P. Schopper & Sons, 45 Park St., Reno, at \$1,200, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for seeding, planting, and manhole at the U. S. Post Office at Reno.

**BIDS WANTED**

**SAN MATEO, Calif.**—Until May 19, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at San Mateo.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at San Mateo.

**BIDS WANTED**

**ORANGE, Calif.**—Until May 26, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C. for planting the grounds of the U. S. Post Office at Orange.

Specifications may be obtained from the above office and from the Custodian of the Building at Orange.

**BIDS WANTED**

**SANTA CLARA, Calif.**—Bids are now being received by the Procurement Division of the Building, U. S. Post Office, Santa Clara, for a lawn sprinkler system. No bid opening date has yet been set.

**BIDS WANTED**

**MADERA, Calif.**—Bids are now being received by the Custodian of the Building, U. S. Post Office, Madera, for a lawn sprinkler system. No bid opening date has yet been set.

**YERBA BUENA ISLAND.**—Fredrickson & Watson Constr. Co., and Fredrickson Bros., 873 81st Avenue, Oakland, at \$88,913.17, submitted low bid to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-241, for the construction of a roadway, less paving and preparation of subgrade, on Yerba Buena Island, for a length of approximately 2591 feet and a width of 64 feet.

The work is located on the west side of Yerba Buena Island, and consists of clearing and grubbing right of way, roadway excavation, building embankments to grade and cross-section, furnishing and constructing a concrete retaining wall, temporary timber trestles, a steel and concrete trestle, timber cribs, miscellaneous drainage structures, including one catch basin and corrugated metal pipe culverts, and all incidental work. The work does not include preparation of subgrade, paving of roadway and of temporary timber trestles, and supplying and

**CONTRACT AWARDED**

**ELKO, Nevada.**—Porter-Walton Co., Salt Lake City, Utah, at \$1,053, awarded contract by the Procurement Division, Washington, D. C. for seeding and planting the grounds of the U. S. Post Office, at Elko.

**LOS ANGELES CO.—San Gabriel Dam Spillway—(County)**

**LOS ANGELES COUNTY, Calif.**—Gogo & Rados, 10,352 Santa Monica Blvd., Los Angeles, at \$314,170, as previously reported, submitted low bid to the Los Angeles County Supervisors for the construction of the spillway of San Gabriel Dam No. 1.

The work involves:

- (1) 3150 c.y. class A cutoff excav.;
- (2) 2200 c.y. class B cutoff excav.;
- (3) 1150 c.y. class C cutoff excav.;
- (4) 850 c.y. class D cutoff excav.;
- (5) 420 c.y. class E cutoff excav.;
- (6) 52,000 c.y. class F general exc.;
- (8) 6900 c.y. class A concrete;
- (9) 9600 c.y. class B concrete;
- (10) 2000 c.y. class C concrete;
- (11) 5200 c.y. class D concrete;
- (12) 160 c.y. class E concrete;
- (13) 11,000 sq. ft. 8-in. slab Gunite;
- (14) 10,000 sq. ft. 2-in. slab Gunite;
- (15) 356,000 lbs. placing reinf. steel;
- (16) 5300 lf. hole placing cast bars;
- (17) 4000 c.y. drainage gravel;
- (18) 14,000 c.y. backfill;
- (19) 5600 lf. placing tile drains;
- (20) 6800 lf. of seal, placing water seals;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$2.50	\$3.00	\$5.00	\$6.00	\$4.00	\$10.00	\$3.00	\$4.10
(2)	3.00	4.00	6.00	7.00	6.00	10.00	3.00	4.10
(3)	3.50	4.25	7.00	10.00	8.00	11.00	3.00	4.10
(4)	4.00	4.50	8.00	12.00	9.00	12.00	3.00	4.10
(5)	4.50	5.00	8.00	12.00	10.00	13.00	3.00	4.10
(6)	4.00	1.00	1.50	1.50	1.25	1.25	2.50	1.75
(7)	2.75	4.00	4.00	2.50	5.00	5.00	3.00	3.50
(8)	5.00	5.75	6.00	6.80	7.54	5.25	6.00	9.20
(9)	7.00	5.60	8.00	7.00	8.44	8.00	8.30	9.20
(10)	19.00	17.50	18.00	21.00	18.00	20.00	22.00	18.00
(11)	7.50	7.00	7.00	8.00	11.00	9.00	9.00	8.90
(12)	25.00	13.00	8.00	11	26.60	15.00	14.00	26.00
(13)	.32	.30	.23	.27	.40	.35	.35	.40
(14)	.11	.15	.15	.09	.15	.15	.15	.25
(15)	.01	.015	.01	.016	.02	.0125	.015	.014
(16)	.60	.20	.25	.30	1.00	.50	1.00	.80
(17)	1.85	17.5	2.50	2.00	1.90	2.50	2.10	2.50
(18)	1.50	.50	1.00	1.80	.90	1.30	.54	1.00
(19)	.15	.30	.20	.50	.45	.50	.25	.25
(20)	.10	.25	.05	.30	.10	.25	.40	.20
(21)	1.50	1.00	.30	2.00	1.50	2.00	1.00	2.50
(22)	1.50	1.00	.80	1.00	1.20	1.50	1.20	1.00
(23)	.50	1.00	.40	2.00	.60	.50	.50	1.00
(24)	.12	.20	.15	.10	.15	.17	.25	.30
(25)	.10	1.25	.25	1.00	.50	.50	.20	.50
(26)	.05	.06	.04	.05	.05	.08	.10	.05
(27)	.04	.25	.05	.10	.15	.10	.50	.10

Plans and specifications were prepared by C. H. Howell, Chief Engineer, and Paul Baumann, Assistant Engineer, in charge of Dams.

**YERBA BUENA ISLAND—ROADWAY—(Govt.)**

placing catch basins other than the one specified above.

The work involves:

Bids will be taken as follows:

- (1) 5 acres clearing and grubbing;
- (2) 65,000 c.y. roadway excav., unclassified;
- (3) 321,485 sq. yds. overhaul;
- (4) 4,219 M. gals. water for embankments;
- (4a) 5,367 c.y. struc. excav., unclass.
- (4b) 4,741 c.y. backfill;
- (5a) 155 c.y. Class A concrete;
- (5b) 222 c.y. Class B concrete;
- (6) 35,710 lbs. reinforcing steel;
- (7) 94,732 lbs. structural steel;
- (8) 376 MFBM timber treatlea (Douglas fir);
- (9) 25,000 sq. ft. wal board sheathing;
- (10) 152 MFBM timber cribs (Redwood);
- (11) 8,000 sq. ft. painting woodwork;
- (12) 2,200 sq. ft. painting sheathing;
- (13a) 60 lf. 6-in. corr. pipe culverts
- (13b) 270 lf. 12-in. do;
- (13c) 20 lf. 15-in. do;
- (13d) 280 lf. 18-in. do;
- (13e) 109 lf. 21-in. do;

**DAILY CITY, San Mateo Co., Calif.**—An election will be held May 25 to vote on a proposal to issue \$28,000 in bonds for improvement of the Vista Grande Park, and \$14,000 for a playground in the Crocker Tract. Application will be filed with the PWA for a grant to aid in financing.

- (21) 8200 lf. drilling grout holes;
- (22) 4400 cu. ft. of dry cement and admixture (grouting);
- (23) 700 lf. drilling 2-in. weepholes;
- (24) 22,000 sq. ft. asphalt paving;
- (25) 700 lf. placing fencing;
- (26) 10,000 lbs. placing miscellaneous metalwars;
- (27) 8500 sq. ft. placing joint fillers.

Total bids follow:

- (A) Gogo & Rados, Los Angeles, \$314,170.00.
- (B) Atlas Const. Co., J. P. Immel, C. F. Robbins, \$315,157.50
- (C) Stroud-Seabrook Co., and C. M. Elliot, \$379,815.00.
- (D) McGees & Huntley, Los Angeles, \$423,826.00.
- (E) United Concrete Pipe Corp., Los Angeles, \$429,281.00.
- (F) Metropolitan Const. Co., Los Angeles, \$434,125.00.
- (G) Morrison-Knudsen Co., Los Angeles, \$446,120.00.
- (H) Shofner & Gordon, Los Angeles, \$452,701.00.

Unit bids, follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$2.50	\$3.00	\$5.00	\$6.00	\$4.00	\$10.00	\$3.00	\$4.10
(2)	3.00	4.00	6.00	7.00	6.00	10.00	3.00	4.10
(3)	3.50	4.25	7.00	10.00	8.00	11.00	3.00	4.10
(4)	4.00	4.50	8.00	12.00	9.00	12.00	3.00	4.10
(5)	4.50	5.00	8.00	12.00	10.00	13.00	3.00	4.10
(6)	4.00	1.00	1.50	1.50	1.25	1.25	2.50	1.75
(7)	2.75	4.00	4.00	2.50	5.00	5.00	3.00	3.50
(8)	5.00	5.75	6.00	6.80	7.54	5.25	6.00	9.20
(9)	7.00	5.60	8.00	7.00	8.44	8.00	8.30	9.20
(10)	19.00	17.50	18.00	21.00	18.00	20.00	22.00	18.00
(11)	7.50	7.00	7.00	8.00	11.00	9.00	9.00	8.90
(12)	25.00	13.00	8.00	11	26.60	15.00	14.00	26.00
(13)	.32	.30	.23	.27	.40	.35	.35	.40
(14)	.11	.15	.15	.09	.15	.15	.15	.25
(15)	.01	.015	.01	.016	.02	.0125	.015	.014
(16)	.60	.20	.25	.30	1.00	.50	1.00	.80
(17)	1.85	17.5	2.50	2.00	1.90	2.50	2.10	2.50
(18)	1.50	.50	1.00	1.80	.90	1.30	.54	1.00
(19)	.15	.30	.20	.50	.45	.50	.25	.25
(20)	.10	.25	.05	.30	.10	.25	.40	.20
(21)	1.50	1.00	.30	2.00	1.50	2.00	1.00	2.50
(22)	1.50	1.00	.80	1.00	1.20	1.50	1.20	1.00
(23)	.50	1.00	.40	2.00	.60	.50	.50	1.00
(24)	.12	.20	.15	.10	.15	.17	.25	.30
(25)	.10	1.25	.25	1.00	.50	.50	.20	.50
(26)	.05	.06	.04	.05	.05	.08	.10	.05
(27)	.04	.25	.05	.10	.15	.10	.50	.10

- (13f) 160 lf. 24-in. do;
  - (14) 42 c.y. riprap stone.
- Total bids, follow:
- (A) Fredrickson & Watson Constr. Co., and Fredrickson Bros., Oakland, \$88,913.17
  - (B) MacDonald & Kahn Co., Ltd., San Francisco, 96,848.59
  - (C) Charles H. Farnley, San Francisco, 99,433.54
  - (D) Clinton Const. Co., San Francisco, 103,524.07
  - (E) Peter J. McHugh, San Francisco, 104,428.83
  - (F) F. C. Amoroso & Sons, San Francisco, 106,359.62
  - (G) R. L. Oakley, Los Angeles, 107,221.70
  - (H) Sibley Grating & Teaming Co., S. F., 109,490.53
  - (I) Guy F. Atkinson, San Francisco, 110,726.57
  - (J) Bodenhamer Constr. Co., Oakland, 138,805.43
  - (K) Peterson & Smith, San Francisco, 149,887.15
  - (L) Engineer's estimate, 129,833.65

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$72.50	\$73.50	\$350.00	\$200.00	\$250.00	\$250.00	\$250.00	\$100.00	\$ 80.00	\$470.00	\$130.00	\$490.00
(2a)	.25	.28	.24	.25	.28	.31	.31	.27	.37	.40	.52	.391
(2b)	.005	.01	.0075	.015	.01	.008	.008	.005	.0125	.01	.005	.0127
(3)	.50	.60	.50	.60	.50	.35	.35	2.00	.35	1.48	.78	.332
(4a)	.95	.90	1.30	1.00	.95	1.10	1.10	1.00	1.25	2.50	1.82	1.514
(4b)	.45	.50	.65	.50	.45	.60	.60	1.50	.50	1.00	1.30	.8771
(5a)	20.50	20.00	20.00	26.00	25.00	28.00	26.00	25.00	25.00	28.85	25.00	28.714
(5b)	20.50	18.00	17.00	20.00	24.00	24.00	24.00	25.00	25.00	28.85	26.00	27.242
(6)	.06	.06	.05	.065	.06	.065	.065	.055	.08	.0787	.07	.0808
(7)	.09	.07	.09	.10	.09	.09	.09	.10	.09	.1107	.11	.09725
(8)	65.00	75.00	76.00	73.00	87.00	80.00	80.00	70.00	85.00	90.00	96.00	94.061
(9)	.08	.08	.09	.07	.07	.09	.09	.065	.06	88.00	.09	.16223
(10)	75.00	95.00	100.00	107.00	97.00	95.00	95.00	90.00	90.00	102.00	113.00	101.724
(11)	.045	.05	.025	.06	.03	.05	.05	.06	.05	.08	.05	.0864
(12)	.0475	.04	.025	.05	.04	.05	.05	.03	.035	.08	.05	.0718
(13a)	1.20	1.50	1.30	2.50	1.45	1.50	1.50	1.75	1.30	1.54	2.00	2.227
(13b)	1.60	1.80	1.65	2.50	1.75	2.00	2.00	2.25	1.70	1.87	2.30	1.754
(13c)	2.20	2.50	2.30	3.50	2.00	2.50	2.50	2.50	1.90	2.67	3.00	2.861
(13d)	3.40	3.50	2.00	2.80	2.25	2.60	2.60	2.75	2.25	2.70	3.50	2.1805
(13e)	2.70	3.00	2.50	3.50	2.50	2.85	2.85	3.00	2.75	3.28	4.00	2.9282
(13f)	3.50	3.50	3.50	3.50	3.25	3.50	3.50	3.70	3.50	4.38	6.00	3.404
(14)	2.50	5.00	10.00	7.00	6.00	7.00	7.00	5.00	7.50	10.00	13.00	18.988

YERBA BUENA ISLAND—PIPE LINE & PUMP STATION—(Govt.)

YERBA BUENA ISLAND.—Herman Lawson Co., 465 Fier W-1, at \$113,033.80, submitted low bid for the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, Dist. Engr., Custom House, San Francisco, under Bid No. 868-37-242 for the construction of a pump station and pipe line to transport water from Pier W-1 of the San Francisco-Oakland Bay Bridge at Spear St., in San Francisco, to within 140 ft. of a proposed reservoir site on Yerba Buena Island, a total distance of 11,750 feet.

Work consists of constructing a pump station at Pier W-1 of the San Francisco-Oakland Bay Bridge, and a pipe line from the easterly curb of Spear St., in San Francisco, through the pump station, across San Francisco-Oakland Bay Bridge, to within 140 ft. of the proposed reservoir site on Yerba Buena Island.

The work involves:

- (1) 50 c.y. structure excavation for pump station;
- (2a) 102 c.y. concrete, Class A;
- (2b) 9 c.y. concrete, Class B;
- (3) 16,000 lbs. reinforcing steel;
- (4) lump sum, completing concrete structures;
- (5a) 2 each, 175-gpm pump and motor;
- (5b) one 1250-gpm pump and motor;
- (5c) one 1750-gpm pump and motor;

- (6) lump sum, electric control and wiring equipment;
- (7) lump sum, telemetering equipment;
- (8) lump sum, pipe and fittings in pump station;
- (9) lump sum, surge chambers;
- (10a) 240 l.f. 8-in. seamless galvanized steel pipe and fittings;
- (10b) 1,000 l.f. 10-in. seamless galvanized steel pipe and fittings;
- (10c) 9,261 l.f. 10-in. galvanized steel pipe and fittings;
- (10c-Alt.) 9,261 l.f. 10-in. cement lined steel pipe and fittings;
- (11a) 24 each, 8-in. rotating spherical joints;
- (11b) one 8-in. do (furnishing only);
- (12a) 14 each, 10-in. expansion joint double type, 4-in. travel;
- (12b) one 10-in. expansion joint, single type, 1-in. travel;
- (13) 5 each, 10-in. gate valves;
- (14) 31,000 lbs. structural steel;
- (15) 265 each, pipe roller assemblies and small valves on pipe line;
- (17) 17 each, fire hydrant assemblies
- (18) 3 each, drinking fountains (installing only);
- (19) lump sum, painting pipe, fittings and structural steel;
- (20a) 1,200 l.f. excavation for 12-in. pipe line;
- (20b) 240 l.f. excavation for 4-in. pipe line;

- (21a) 1,200 l.f. 12-in. asphalt coated iron pipe and fittings;
  - (21a-Alt.) 1,200 l.f. 12-inch cement lined cast iron pipe and fittings;
  - (21b) 240 l.f. 4-in. asphalt coated cast iron pipe and fittings;
  - (22a) 12,000 l.f. cable for control circuits, 2 wire;
  - (22b) 12,000 l.f. do, 3 wire;
  - (23) lump sum, removing and re-building sewer manhole;
  - (24) 303 l.f. concrete pipes.
- Total bids follow:
- (A) Herman Lawson Co., San Francisco ..... \$113,033.80
  - (B) Fred J. Early, Jr., San Francisco ..... 113,308.70
  - (C) Williams Bros. & Haas, San Francisco ..... 121,529.00
  - (D) P. L. Burr, San Francisco ..... 138,525.01
  - (E) Bodenhamer Constr. Co. and Dudley De Vilbiss, Oakland ..... 153,353.50
  - (F) M. J. Reeves, S. F. .... 160,740.00
  - (G) Anderson & Rowe, San Francisco ..... 163,255.90
  - (H) F. G. Clifford, San Francisco ..... 170,724.90
  - (I) Cory & Joslin, Inc., San Francisco ..... 182,012.35
  - (J) M. J. Lynch, San Francisco ..... 188,712.14
  - (K) Engineer's Estimate ..... 118,712.14

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 2.60	\$ 2.50	\$ 2.44	\$ 1.32	\$ 5.60	\$ 3.80	\$ 3.00	\$ 2.00	\$ 5.00	\$ 2.00	\$ 3.727
(2a)	30.00	28.00	27.06	37.43	42.00	28.00	27.00	40.00	75.00	20.00	58.528
(2b)	21.00	20.00	27.06	31.20	25.00	27.00	18.00	35.00	60.00	15.00	55.700
(3)	.06	.085	.0796	.0884	.06	.078	.15	.07	.08	.07	.0783
(4)	3000.00	2090.00	2052.00	1877.19	5195.00	4379.00	2750.00	2950.00	2850.00	2500.00	1109.99
(5a)	390.00	367.00	400.00	792.91	417.50	350.00	375.00	725.00	364.00	600.00	475.01
(5b)	1615.00	1758.00	1713.00	1700.00	1600.00	1554.00	2700.00	1670.00	1688.00	2000.00	2131.24
(5c)	2880.00	3175.00	3198.00	3036.00	2800.00	2831.00	3250.00	2900.00	3190.00	3000.00	3708.83
(6)	2290.00	2183.00	2730.00	2643.65	3500.00	2560.00	5450.00	2200.00	2643.00	3500.00	2537.31
(7)	285.00	520.00	592.00	408.00	750.00	703.00	760.00	600.00	676.00	500.00	683.18
(8)	6100.00	5000.00	5739.00	5269.37	6000.00	7325.00	7500.00	6600.00	5670.00	5000.00	6212.05
(9)	970.00	939.00	1044.00	986.13	1275.00	915.00	1125.00	1300.00	1015.00	1500.00	564.33
(10a)	5.00	5.00	4.28	5.40	6.00	5.60	4.75	6.00	5.55	6.00	4.383
(10b)	12.00	12.87	10.33	13.37	9.50	10.772	13.50	18.75	15.44	9.00	11.274
(10c)	5.30	4.80	6.70	4.85	5.00	6.50	65.00	6.90	5.09	6.60	3.152
(10c-Alt.)	3.00	3.91	3.50	3.50	4.50	5.98	35.00	3.26	3.26	5.00	
(11a)	407.00	338.00	388.29	413.00	500.00	455.00	324.80	420.00	470.00	400.00	254.42
(11b)	383.00	302.00	377.00	396.00	450.00	434.00	324.80	400.00	319.00	375.00	240.48
(12a)	380.00	375.00	417.07	392.00	375.00	473.00	336.25	380.00	408.00	350.00	519.82
(12b)	308.00	215.00	244.00	220.00	300.00	348.00	275.00	300.00	319.00	225.00	331.06
(13)	120.00	106.00	101.80	103.00	100.00	126.00	85.00	100.00	111.00	100.00	220.428
(14)	.76	.71	.61	.61	.24	.26	.21	.40	.22	.19	.131
(16)	1400.00	1817.00	620.00	560.00	1000.00	957.00	325.00	3500.00	1845.00	1000.00	1820.94
(17)	200.00	113.00	121.00	120.00	125.00	168.00	115.00	150.00	138.00	100.00	109.664
(18)	28.00	10.00	62.00	30.00	25.00	29.00	15.00	30.00	15.00	20.00	9.837
(19)	1450.00	3200.00	3059.00	4884.00	3500.00	2908.00	5897.00	4000.00	3819.00	3500.00	3756.74
(20a)	.43	.50	.31	.44	1.25	1.60	.90	.70	1.50	1.00	1.509
(20b)	.42	.50	.24	.30	1.25	1.10	.60	.50	1.70	1.00	.653
(21a)	2.95	2.80	3.87	2.98	3.50	4.80	24.20	3.50	2.43	2.50	3.273
(21a-Alt.)	3.20	3.10	4.02	3.24	3.75	.....	26.00	.....	2.65	2.75	.....
(21b)	2.00	1.50	1.25	1.40	1.00	1.34	1.50	1.40	.94	1.00	1.379
(22a)	.19	.21	.243	.236	.27	.324	.50	.21	.380	.23	.17
(22b)	.28	.305	.379	.345	.36	.49066	.35	.30	4.50	.30	.282
(22c)	750.00	350.00	551.00	542.00	500.00	1000.00	780.00	360.00	150.00	100.00	589.29
(24)	8.00	8.80	8.89	8.30	10.00	7.68	15.00	7.00	9.00	4.00	4.782

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**SAN FRANCISCO.**—Until May 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom Office, San Francisco, under Bid No. 868-37-262, for furnishing 560 ft. seamless or welded black pipe and 70 pipe fittings.

Delivery fob Fort Funston. Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until May 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-205, for furnishing 24 pyrene refills, for 1-qt. extinguishers.

Delivery fob Rio Vista. Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until May 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-204, for furnishing one length 3-ply oxygen hose, and one length 3-ply acetylene hose (5/16-in., 50-ft. long).

Delivery fob Rio Vista. Specifications obtainable from the above office.

**FORT MASON.**—Until May 5, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-388, for furnishing 20 flooded type unit evaporators, 10 compressor units, reciprocating type; 2 replacement temperature controls, 500 ft. copper tubing, copper fittings, for mechanical refrigerator replacement parts.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Sale No. 3, for the sale of miscellaneous items located at the U. S. Engineer Storehouse, foot of Marina Blvd., Presidio Reservation, and including: axes, steel cylindrical tank, storage batteries, scrap babbitt and iron, scale, anchors, chain, rope, wire, hose, air blower, boots, acetylene cylinders, drill press, gasoline engine, motors, welding outfit, etc.

Information obtainable from the above office.

**FORT MASON, Cal.**—Until May 7, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-37-390, for furnishing packing boxes, builders hardware, lumber, etc.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until May 9, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-97, for furnishing 126 tons of premixed asphalt top coat.

Delivery fob Fort Mason. Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 4, 3 p. m., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-37-262, for furnishing miscellaneous hardware.

Delivery f.o.b. Pier 3 1/2, San Francisco Waterfront.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 4, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-260, for furnishing paint, enamel, and pigment in oil.

Delivery f.o.b. Pier 3 1/2, San Francisco Waterfront.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until May 7, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-206, for furnishing 4 lengths no-slip welding hose.

Delivery f.o.b. Rio Vista. Specifications obtainable from the above office.

**FORT MASON.**—Until May 6, 11 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-99, for furnishing 135 tons premixed asphalt surfacing and 20 tons premixed surfacing material.

Delivery f.o.b. Benicia Arsenal, Benicia, for truck.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 7, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-265, for removing a 4-in. Gould centrifugal pump from a frame on which the gasoline engine and pump are now mounted, and furnishing and installing a new pump capable of delivering 50 gals. of water per min. against a total head (including suction head) of 150 feet.

The pump is to be used at Fort Funston.

Specifications obtainable from the above office.

**FORT MASON.**—Until May 12, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-396, for furnishing cable, conduit, wire, and outlet boxes.

Specifications obtainable from the above office.

**FORT MASON.**—Until May 10, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-98, for furnishing pipe, pipe fittings, radiators, boilers, valves, steel, etc.

Specifications obtainable from the above office.

## MET WATER DISTRICT

**LOS ANGELES, Cal.**—Until May 14 10 A. M. bids will be received by the Metropolitan Water District of Southern California, 306 W 3rd St., Los Angeles, for furnishing 300,000 lb. of rubber insulated, varnished cambric

insulated, and latex insulated braided and lead covered cable; Spec. No. 205.

**LOS ANGELES, Cal.**—Until May 10 10 A. M., bids will be received by the Metropolitan Water District of Southern California, 306 W 3rd St., Los Angeles, for furnishing four cast brass throat linings for Venturi tubes; Spec. No. 210. The total rough weight of the castings to be furnished is 10,000 lbs. Certified or cashier's check for 10% must accompany bid.

## LOS ANGELES CITY

**LOS ANGELES.**—Until May 11, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing feeder voltage regulators as follows:

- (1) 10 only, 75 kva (indoor motor operated);
- (2) 12 only, 37 1/2 kva (outdoor motor operated);
- (3) 2 only, 75 kva (outdoor motor operated).

F.o.b. cars or trucks bidder's shipping point and/or 1630 N. Main St., Los Angeles; Spec. No. 2264.

**LOS ANGELES.**—Until May 4, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing motors and starters as follows:

- (1) 2 only 400 brake h.p., 40 degree temperature rise, 4 pole, 2300 volt, 3 phase, 60 cycle induction motors with standard coupling shaft extensions on one end only;
- (2) 2 same with extensions on both ends;
- (3) 4 only 400 brake h.p., 2300 volt, 3 phase, 60 cycle induction motor starters.

F.o.b. 411 Ducommun St. Spec. No. 2250.

**LOS ANGELES.**—Until May 11, 2 p. m., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing automatic time-frequency control equipment, consisting of frequency controller, frequency time error recorder, master clock and apparatuses, f.o.b. cars or trucks, bidder's shipping point and/or 1630 N. Main St., Los Angeles; Spec. No. 2268.

## SAN FRANCISCO CITY

**SAN FRANCISCO.**—Until May 7, 2 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1750, for furnishing miscellaneous supplies for the fiscal year 1937-1938, including:

- Class 3—Aluminum, Enamelled and Galvanized Ware.
- Class 5—Fuel.
- Class 6—Boiler Compounds.
- Class 8—Lubricants.
- Class 10—Household, Janitorial Supplies, and Cordage.
- Class 14—Blueprinting, Photographic, Drafting and Engineers' Supplies.
- Class 18—Street and Sewer Materials.
- Class 19—Incandescent Electric Lamps.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

HEATERS, steam, for fresh water, 20; East and West Yards. Sch. May 4.  
 TUBING, seamless copper; Mare Island. Sch. 494; May 4.  
 TRUCK, electric truck, crane, revolving, complete with lead battery; East or West Yard.  
 OAKUM, 6,600 lbs. spun; Puget Sound. Sch. 517; May 11.  
 TUBING, copper nickel alloy; Mare Island. Sch. 495; May 4.  
 TUBING, seamless steel; Mare Island. Sch. 496; May 4.  
 TUBO-GENERATOR sets; Mare Island. Sch. 440; May 4.  
 HOIST, electric chain, 2-ton capacity and spares; East or West Yard. Sch. 492; May 4.  
 GASOLINE, motor; West Coast. Sch. 454; May 4.  
 CLOTH, 4,100 lin. yds., 36-in. cotton airplane; San Diego. Sch. 512; May 4.  
 STEEL, bar; Puget Sound. Sch. 561; May 4.  
 FELT, wool; 7,800 pounds, Eastern Yards; 2,030 lbs., San Diego; 300 lbs. Eastern or Western Yard.  
 CELLULOSE-ACETATE sheet; East and West Yards; Sch. 534; May 7.  
 SAFES, 2 burglar-resisting; Mare Island. Sch. 519; May 7.  
 RHEOSTATS and resistors; Puget Sound. Sch. 507; May 7.  
 ROPE, 4,200 ft. galvanized plow steel wire, 1½-in.; Mare Island. Sch. 520; May 7.  
 DISHWASHING machine, 3, electrically operated, and spares; Mare Island. Sch. 540; May 7.  
 LIGHTS, 15,300 aircraft float; Mare Island. Sch. 526; May 11.  
 PIPE, galvanized conduit; East and West Yards. Sch. 564; May 11.  
 BOLTS and nuts, steel; East & West Yards. Sch. 557; May 11.  
 CHUCKS, 300 drill; Mare Island. Sch. 546; May 11.  
 PALMS, 24, sailmakers'; San Diego; Sch. 522; May 11.  
 GUNS, lubricating, 80; Mare Island and Puget Sound. Sch. 521; May 11.  
 SHOWER HEADS, 100; Mare Island. Sch. 524; May 11.  
 DRILLS and grinders, electric; East and West Yards. Sch. 518; May 11.  
 SCREW DRIVERS; East and West Yards. Sch. 570; May 11.  
 BLADES, hack saw; Mare Island. Sch. 555; May 11.  
 BRACES and drills, ratchet, breast and ratchet; East Yards and Mare Island. Sch. 549; May 11.  
 IRONS, soldering, electric; East and West Yards. Sch. 533; May 11.  
 VALVES, water closet, 65; Mare Island. Sch. 532; May 11.  
 ROLL, 1 set balancing roll, two to each set, complete with rolls and roll bearing brackets, spring blocks and vibrating supports, capacity 200 to 10,000 lbs.; 1 set do. capacity, 10,000 lbs.; Mare Island. Sch. 562; May 11.  
 FRAMES, hacksaw, East and West Yards. Sch. 541; May 11.  
 POLISHING & scrubbing machines, floor, electrically operated, five; Mare Island. Sch. 543; May 11.  
 REDWOOD, 61,000 FBM; Mare Island. Sch. 558; May 11.  
 HANDLES, wood; hammer, chisel and file; East and West Yards. Sch. 552; May 11.  
 SHARS, 28 pairs sailmakers' or tailors', and 108 pairs tinners'; Mare Island. Sch. 548; May 11.

DRILLS, 72, hand; Puget Sound. Sch. 538; May 11.  
 PANS, sheet steel dust, 1,740; Mare Island. Sch. 547; May 11.  
 BRASS, boat facing, 7,100 pounds; Western Yards. Sch. 542; May 11.  
 CHAINS, 1,000 lengths, 30-in. mechanical telegraph; Mare Island. Sch. 525; May 11.  
 LAVATORIES, 55; 68 urinals, 52 water closets, and 64 seats for water closets; East and West Yards. Sch. 576; May 14.  
 STENCIL-CUTTING machines, four; Mare Island. Sch. 584; May 14.  
 VALVES, steel; East Yards and Puget Sound. Sch. 573; May 14.  
 TUBES, 19,000 lbs. admiralty metal condenser; Mare Island. Sch. 579; May 14.  
 CEMENT, 14,000 bbls. portland cement; San Diego, Mare Island and San Francisco. Sch. 465; May 18.  
 Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

## RECLAMATION SERVICE

BURNT RIVER PROJ., Oregon.—Until May 13, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 918-D, for furnishing and delivering fob cars at the shipping point and/or Oregon, two 24-ft. by 16-ft. automatic radial gates for installation in the spillway of Unity Dam, Burnt River Project. The gates will be installed by the Government.  
 Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

COLORADO RIVER PROJ., Texas.—Until May 12, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 918-D, for furnishing and delivering fob cars at the shipping point and/or Rutledge, Texas, 2 bulkhead gate frames for the diversion conduits at the Marshall Ford Dam, Colorado River project, Texas. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.75, not returnable.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Until May 4, 10 a.m., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3775, for the rental of one No. 10 S concrete mixer, mounted on wheels, 4 or 6-cylinder radiator-cooled gas engine, water-measuring tank and vibrating self-loading skip, for use on WPA project.

Delivery f.o.b. 34th Ave. and Lincoln Way, San Francisco. Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous supplies for use on WPA projects, as follows:

May 4, 10 A. M.  
 BID NO. 3787—13 water closets, 7 urinals, 1 sink, 2 drinking fountains, 3 lavatories, etc. f.o.b. Park Meadows, 34th and Lincoln, San Francisco.  
 BID NO. 3786—1,200 sacks portland cement; f.o.b. Chico.  
 BID NO. 3783—503 sacks portland cement; f.o.b. State Fair Grnds., Stockton Blvd. and 5th Ave., Sacramento.

BID NO. 3785—Oregon pine lumber and flooring; f.o.b. Park Meadows, 34th and Lincoln Way, San Francisco.

May 5, 10 A. M.  
 BID NO. 3788—400 sacks plaster, 45 sacks processed lime, and 60 tons plaster sand; f.o.b. Roosevelt Elementary School, Kingsburg.

WASHINGTON, D. C.—Bids will be received by the Procurement Division, Branch of Supplies, Treasury Dept., Federal Warehouse, Washington, D. C., as follows:

PROPOSAL 222-3336-A: 13 heavy-duty trucks, 12,000 g.w., gasoline motor, dump body type; Phoenix and Prescott, Ariz.  
 Specifications obtainable from the above office.

## U. S. FOREST SERVICE

SAN FRANCISCO.—Bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, as follows:

May 4, 2 P. M.  
 BID NO. 1076—One portable gas engine driven pump spray compressor unit; f.o.b. bidder's shipping point and/or Mt. Shasta.

May 7, 2 P. M.  
 BID NO. 1077—One 10-in. ball bearing pedestal grinder, complete with built-in electric motor; fob bidder's shipping point and/or Glendale.  
 Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Until May 4, 2 p.m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:  
 BID NO. 4652—200 ft. 2-in. suction hose, 8-ft. lengths; f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4651—One 1½-in. and two 2-in. positive displacement type water pumps; f.o.b. bidder's shipping point and/or San Diego.  
 BID NO. 4650—Two centrifugal pumps (fire truck) and f.o.b. bidder's shipping point and/or Government Island.

BID NO. 4649—100 sets linemen's climber straps and pads; f.o.b. bidder's shipping point and/or Government Island.  
 Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until May 13, 2 P. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing control valves and piping. Spec. 211. The work to be bid on comprises the furnishing of 3-way valves and other control valves, and the furnishing of approximately 5000 lf. of brass pipe with necessary fittings, clamps, and brackets for operating the 30-in. hydraulic gate valves of Cajalco Reservoir outlet tower. The specifications may be obtained at the office of the engineer, room 1007 306 W. 3rd St., Los Angeles, upon payment of \$1.00 per set, not returnable. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, Chief Engineer and General Manager.

LOS ANGELES.—Until May 7, 10 a.m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 13,945 ft. 750,000 cm. and 1164 lf. No. 2 AWG 11,000 volt, 3 conductor, paper-insulated, lead-covered cable. Spec. No. 212.

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## S. F. FIRM LOW ON VACAVILLE, RENO PROJECTS

**K. E. Parker Co. Submits the Lowest Figures for Hospital, Post Office**

WASHINGTON, D. C.—K. E. Parker Co., 135 South Park, San Francisco, today submitted low bids aggregating approximately \$272,700 on two federal building contracts, for which proposals were received here.

To the Veterans' Administration, Parker sent a low figure of \$204,970 for construction of Hospital Building No. 1 at the Reno, Nevada, veterans' facility.

To the Treasury Department Parker submitted a \$67,760 low bid for constructing the U. S. post office in Vacaville, Calif.

On the Reno hospital building Schuler & McDonald of Oakland, were second low bidders at \$210,740; with Trewhitt, Shields and Fisher of Fresno, submitting the third low figure at \$214,000.

### Elevator Contract

Otis Elevator Company at \$7,487 was low bidder for elevators in the hospital, with L. F. Dow Co. second low at \$7,900.

The hospital will be a two-story and basement reinforced concrete structure.

Second low bidder for the Vacaville Post Office was the Lundberg-Richter Co. of Virginia, with a proposal of \$68,000.

A. Nelson, Inc., San Francisco, submitted the third low figure for the post office contract. Amount of Nelson's bid was \$71,989.

## TERRAZZO, MOSAIC RESEARCH EXPANDS

The research program of the National Terrazzo and Mosaic Association has recently been extended. The new work is to be carried out by Foster D. Snell, Inc., consulting chemists and chemical engineers. Their Baltimore laboratory will be used for the purpose to permit closer cooperation with the Washington office of the Association, but the work will be under the supervision of the Brooklyn laboratory.

## BIDS MAY 26 ON SIX HIGHWAY JOBS; TWO MAJOR CONTRACTS ON SCHEDULE

SACRAMENTO, May 4.—Bids on six Northern California highway contracts—the largest schedule in recent months—were invited today by the State Highway Commission here. Proposals on all six projects will be opened in Sacramento May 26.

Included in the group are two major grading contracts, first of the projects programmed for the 1937-39 biennium.

More than \$500,000 has been budgeted for the jobs authorized for advertising today.

Contracts on which the commission invited bids are located by counties as follows:

### Siskiyou Grading

Siskiyou: grading about 20.3 mi. between Cougar and Macdoel, including 131,700 cubic yards of unclassified roadway excavation on one section and 82,800 cubic yards roadway excavation at another location; 300,000 station yards overhaul; 75,000 cubic yards imported borrow, and other items.

Modoc: grading and surfacing with plant-mixed surfacing about 10.1 miles between 1.4 miles west of Hot Creek and Alturas. Major items include 136,800 cubic yards roadway excavation; 421,500 station yards overhaul; 68,200 cubic yards of imported borrow; 17,000 tons mineral aggregate; and others.

Tuolumne: six and two-tenths miles surfacing with untreated crushed gravel or stone base and road-mix surfacing, between Stoddard Springs and McCoy Saddle.

### Seal Coat

Plumas: applying seal coat on about 20 miles between Howells and a quarter-mile south of Keddie.

Tehama: about 3.8 miles surfacing with road-mix and applying seal coat, between Morgan Springs and Route 86.

Kings: about 8.6 miles surfacing with plant-mix surfacing and constructing borders, between Kings River Slough and Hall's Corner.

Shipments of shallow well water systems totalled 13,290 units during February, 1937, more than double the total of 5,962 shipped during February, 1936, according to the monthly report of the Bureau of Census.

## BID DATE SET ON FRANCISCAN FATHERS' HOME

**Selected List of Contractors Figuring On \$100,000 Residence**

Bids for construction of a residence to be constructed in Oakland for the Franciscan Fathers will close May 18, it was announced yesterday. They are being taken from a selected list of contractors.

The residence will cost in the neighborhood of \$100,000, it is estimated.

It will be a two-story reinforced concrete structure with a garage. In addition to work rooms, store-rooms, kitchen, parlors and offices, the residence will contain 40 bedrooms.

### Donovan Architect

Plans for the building, which will be erected at 1500 Thirty-fourth avenue in Oakland, were prepared by Architect John J. Donovan of Berkeley.

Among contractors who will submit bids are the following:

Miller Construction Co., 3917 Mission St., San Francisco; James L. McLaughlin Co., 251 Kearny street, San Francisco; Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco; K. E. Parker Co., 135 South Park, San Francisco.

Anderson & Ringrose, 320 Market street, San Francisco; N. H. Sjoberg, 5004 East Sixteenth St., Oakland; Schuler and McDonald, 1719 Sixteenth street, Oakland, and Lindgren & Swinerton, 1723 Webster street, Oakland.

### BIDS JUNE 18 ON SUSANVILLE P. O.

WASHINGTON, D. C., May 6. — Bids for construction of the U. S. Post Office at Susanville, Calif., will be opened hereby the Treasury Department June 18, it was announced today. The structure has been allotted \$70,000 from current federal building funds. Plans were prepared in the office of the Treasury Department supervising architect. Award of a \$60,700 contract to Lundberg-Richter Co., Fredricksburg, Va., for construction of the post office at Lovelock, Nev., was announced today by Treasury Department officials.

## PLAN \$283,000 PETALUMA BOND VOTE IN JUNE

### Disposal Plant Acquisition, Erection of Firehouse Are Proposed

An ordinance providing for the submission of three bond issue proposals, aggregating \$283,000, to the electorate at a municipal election, June 8, was adopted this week by the Petaluma City Council.

The measures involve proposed acquisition of a sewer and sewage disposal plant system at a cost of \$225,000; construction of a \$40,000 fire house on city property at D and Second streets; and purchase of additional fire fighting equipment at a cost of \$18,000.

Preliminary survey work on the sewer system was done by Harry N. Jenks, Berkeley consulting engineer.

At the meeting Jenks offered to enter into a contract with the city to handle engineering and construction details of the sewer disposal system, the contract not to be effective should the bond proposition be defeated at the polls.

next meeting of the body.

The council instructed City Attorney Karl Brooks to draw up a contract to be submitted at the

### KERN RIVER MAPS ISSUED BY SURVEY

A three-color topographic map showing the plan and profile of the Kern River, Calif., from a point eight miles above Bakersfield to Mile 53, South Fork to Mile 13, and miscellaneous dam sites, has been published by the U. S. Geological Survey. There are seven sheets of maps, including three plan and two profile sheets, showing the following dam sites: 1. The proposed dam from the U. S. Geological Survey, near D. C., at ten miles above Bakersfield for the set.

## Knapp Submits Lowest of Nine Proposals For Red Bluff Bridge; Bids \$255,194

SACRAMENTO, May 5. — As the State Division of Highways swung into action on the new highway program, following signing of the budget measure yesterday by Governor Merriam, bids were opened here today one of the final major contracts in the old program.

J. F. Knapp, 1401 Park avenue, Oakland, submitted a low proposal of \$255,194 for construction of a bridge across the Sacramento river at Red Bluff, Tehama county.

Nine bids were received for the contract.

A plate girder bridge with concrete deck, the structure will consist of two 143-foot spans; one 126-foot span; and two 108-foot spans, and two 96-foot spans on concrete piers and abutments with steel pile foundations.

#### Total Bids

Total bids were as follows:  
J. F. Knapp.....\$255,194  
Lord & Bishop, Sacto..... 279,214  
Gates & Huntley, L. A..... 281,961  
Bodenhammer Const. Co.,  
Oakland..... 297,517  
Geo. Pollock Co., Sacto..... 309,694  
Pacific Bridge Co., S. F..... 337,200  
Guy F. Atkinson, S. F..... 337,992  
D. W. Thurston, L. A..... 346,887  
Andy Sordal and R. R.  
Bishop, Long Beach..... 347,614

#### Cuesta Grade

Largest remaining contract in the current program is the Cuesta Grade project in San Luis Obispo county, for which bids will be opened May 19.

Among six projects authorized for advertising yesterday by the Division of Highways are three in the new program for which more than \$500,000 has been budgeted. Indications were that June will see a large number of contracts let.

### LINDE TO EXHIBIT AT FOUNDRY SHOW

The Linde Air Products Company, unit of Union Carbide and Carbon Corporation, will exhibit at the forthcoming American Foundrymen's Association exhibit at Milwaukee, Wis., May 3 to 7, 1937, together with its associate organization, Electro Metallurgical Company.

Featuring the Linde display will be demonstrations of machine cutting and hand cutting by the oxy-acetylene process. The use of the oxygen lance, the technique of cutting high-chromium steels and heavy cutting of carbon steels will be shown. In addition, acetylene generators and representative Ox-weld, Prest-O-Weld, and Purox welding and cutting equipment will be demonstrated.

### BURNER SHIPMENTS UP

Shipments of oil burners for the first two months of 1937 totalled 19,192, a substantial increase over shipments totaling 15,056 for the same period in 1936, and more than double the two-month shipments for 1935 of 9,016 burners, the Bureau of Census reports.

## 16 ARCHITECTS ARE REGISTERED BY STATE BOARD

### Eleventh Woman Architect in District Is Granted Certificate

Sixteen Northern California architects were granted final certificates authorizing them to practice architecture at a recent meeting of the State Board of Architectural Examiners.

Included in the group is Miss Elizabeth Boyter, who becomes the eleventh registered woman architect in the Northern California district.

Those granted certificates included Wimmial F. Baxter, Curtis Tobey, Malcolm D. Reynolds, William Allen, Curtis C. Maybach, Arthur B. Gallion, Ralph N. Pollock.

Alfred C. Williams, William Arthur Newman, John Henry Devitt, Clarence C. Maybach, Frank Wynkoop, Ernest K. Duckering, Charles St. G. Pope and William Diest.

#### First Since 1929

Miss Boyter is the first woman to receive a certificate in Northern California since 1929, when Miss Rose Luis of Oakland was granted a certificate.

A graduate of the University of California, Miss Boyter received her architectural training in the offices of Julia Morgan and Smith O'Brien. At present she is associated with the office of Engineer Leland S. Rosener in San Francisco.

### NEVADA LICENSE STILL REQUIRED

Although the Nevada legislature has repealed that state's public works contractors' license law, the repeal does not become effective until July 1 and until that date contractors bidding on highway and other state contracts will be required to pay the license fee.

This was revealed yesterday in a special message from Secretary Manager Floyd O. Booe to members of Northern California Chapter, Associated General Contractors, warning them to procure licenses if they plan to figure Nevada public works jobs before the license act repeal becomes effective.

## APRIL PERMITS \$1,972,000 IN SAN FRANCISCO

### Building Maintains Volume of Previous Month; Frame Gain Continues

Aided by a substantial increase in frame construction the San Francisco building permit total for April reached \$1,972,372, falling approximate \$100,000 short of the record March figure, according to Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

The total number of permits issued was 913, the highest figure in more than a decade. Thirty-four more permits were issued in April than in March. In that month 879 were issued, the highest number to be issued in a single month since May, 1927.

For the second time this year frame construction topped the million dollar mark. In all, 266 permits were issued for frame buildings valued at \$1,137,190. This was the highest single month frame total since the pre-depression days of May, 1929, when the total for frame permits reached \$1,168,718.

#### Frames Gain

The April frame total showed an increase over the March figure of \$42,512.

A tabulation of frame construction building permit totals for the first four months of 1937 produced a total of \$3,501,294. Frame figures for the first three months of the year were January, \$563,126; February, \$716,300, March, \$1,084,678.

Largest permit of the month was issued for the Santa Fe Bus Terminal at Fourth street and Pioneer place. The building, estimated to cost \$260,000 on the building permit, will be a two-story and basement steel and concrete structure. P. J. Walker Co. has been awarded the contract for the building which was designed by Architect H. L. Gilman, and Engineer M. C. Blanchard.

The issuance of the \$260,000 permit April 6, boosted the day's total to \$473,815, one of the largest days in several years.

#### Four-Month Total

"The high total for April is particularly gratifying to the building industry," Rosenblum said Friday. "The entire total, with the exception of one \$18,000 permit, resulted from private construction."

#### Figures Classified

Following is a classification of permit figures for April, 1937, and April, 1936:

Class.	No.	April, 1937		April, 1936	
		Est. Cost	No.	Est. Cost	No.
A	3	\$ 290,000	1	\$ 60,000	
B	4	16,000	6	17,000	
C	266	1,137,190	217	949,190	
Alter.	639	510,782	502	424,520	
Public	1	18,000	1	66,190	

## BUREAU SEEKS TUOLUMNE GRADING, SAN DIEGO SURFACING PROPOSALS

Bids on two California forest highway projects for which more than \$150,000 has been programmed were invited yesterday by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads. Proposals for one contract will be opened May 28 and the other June 1.

Both openings will be held in the bureau's San Francisco office. Largest of the two contracts is for grading about one and eight-

tenths miles and constructing a reinforced concrete bridge in Tuolumne county. The project is located between Pinehurst and Strawberry, Section D of Route 38, the Sonora Pass National Forest Highway, Stanislaus National Forest.

Allotted \$120,000. Listed in the new forest highway program for California, the project has been allotted approximately \$120,000. Bids on this contract will be opened here June 1.

Major bidding items include thirteen and one-half acres of clearing and grubbing; 67,200 cubic yards unclassified excavation; 7950 cubic yards excavation for borrow; 161,600 station yards overhaul; 1.73 miles finishing earth graded road; 701.5 cubic yards concrete; 126,350 pounds reinforcing steel, and 1302 feet of corrugated galvanized metal pipe.

The other contract authorized for advertising yesterday by the bureau calls for placing a road-mix surface course on 14.3 miles in San Diego county, on Sections C, D and E of Route 73, the Laguna National Forest Highway, Cleveland National Forest.

Bids on the San Diego county contract will be opened in San Francisco May 28.

#### Road-Mix Surfacing

The project is located between Cuyamaca Lake and the Laguna recreational area. Work will involve placing 14.3 miles of Type C-1 road-mix surfacing; 1650 tons cutback asphalt; 200,000 gallons watering; 7000 cubic yards Class C new aggregate of disintegrated granite.

The San Diego project has been allocated \$30,000 from the current forest highway program, to supplement funds previously allotted for the work.

The two projects placed on the market yesterday are among a group of ten in California which received in the current program, allotments aggregating approximately \$1,166,000.

## BERGER MFG. CO. IN NEW QUARTERS

The Berger Manufacturing Co., division of Republic Steel Corp., has moved to new and larger quarters at 841 Howard street, between Fourth and Fifth streets in San Francisco.

Increased business, said officials of the firm, necessitated the move. Improved parking facilities are offered by the change, they declared. The telephone number remains unchanged, EXbrook 3197.

The firm manufactures lockers, shelving and special built equipment.

## SPAN APPROACH, SIDEWALK WORK NEARING FINISH

### Stripping Forms from Pylons; Electrolier Contract Is Underway

With all construction on the Golden Gate Bridge in the final stages of completion, extensive preparations were under way this week to get the operations scheduled under way.

Construction activities this week centered principally about paving operations, according to the progress report of Chief Engineer Jos. B. Strauss.

Sidewalks on the main structure were two-thirds complete at the beginning of the week's work, while the engineer reported that paving of the toll plaza was 90 per cent complete.

Paving on the roadway sections of the east approach through the Presidio was two-thirds complete and curbs were being laid along the north sides of these sections. The paving between the east end of the low viaduct and the Marina Gate likewise was two-thirds complete.

#### Start Paving Lateral

On the Sausalito lateral approach in Marin county paving was started last Wednesday and more than 2,000 feet of the roadway has been paved. This is roughly 25 per cent of the job.

Pylons on both sides of the Golden Gate have been completed and the contractor is engaged in stripping the forms and cleaning up. Erection of the portal enclosure plates around the top struts of each tower is continuing and the installation of the elevators in the towers is continuing.

The electrical contractor is following close behind the sidewalk crews on the main structure, installing the electroliers for sodium vapor lights that will illuminate the span and its approach structures.

Employment on the job this week totaled approximately 500 men on the several contracts and 250 on the Sausalito lateral and other projects, sponsored by the district. In addition there are 400 men working on the Lyon street outlet, a WPA project sponsored by the city of San Francisco.

## OPEN PROPOSALS ON EMERYVILLE PLANT ADDITION

Clinton Low at \$89,516; Ten Contractors Figure Project

Clinton Construction Co., 923 Folsom street, San Francisco, yesterday was the lowest of ten bidders for construction of an addition to the Emeryville plant of The Paraffine Companies, Inc. Amount of the low bid was \$89,516.

Lindgren & Swinerton, Inc., was a close second with a proposal of \$89,900.

Work includes construction of a 4-story reinforced concrete building 95 by 97 feet in size and a one-story steel frame building of corrugated iron and hollow tile construction, 115 by 60 feet in size, at the plant located at the foot of Powell street in Emeryville.

### Bids Listed

Complete bids for the work were as follows:

Clinton Constr. Co.	\$89,516
Lindgren & Swinerton, Inc.	89,900
MacDonald & Kahn, Ltd.	91,819
K. E. Parker Co.	92,900
Dimwiddle Constr. Co.	93,950
The Austin Company	94,470
Barrett & Hip.	97,128
John F. Tulloch	98,677
Jas. L. McLaughlin Co.	99,000
P. J. Walker Co.	105,842

Plans for the additions were prepared by Engineer Leland S. Rosener of San Francisco, in whose office bids were opened yesterday. All bids were referred to the owner for recommendation.

## Home Building Cost Gain Less than 10%

Residential building costs have increased less than 10 per cent during the past year in a majority of the cities in the United States, it was indicated in a study just completed by the statistical department of American Radiator Co.

Figures obtained through the Federal Home Loan Bank Board on the cost of an identical six-room house in various cities showed 56 cities in which costs were less than 10 per cent higher during the first three months of this year as compared with the first three months of last year and 11 cities in which the increase was more than that.

Statistics from the United States Bureau of Labor Statistics indicated that the cost per family of new one-family houses in 1936 was \$1,072.73 in 1935, an increase of 7.74 per cent.

Shipment of 100,000 electrical fire extinguishers, valued at \$1,000,000, was shipped over the shipper's facilities in March, 1936, the highest volume in reports.

## STATE GETS BIDS FOR L. A. PAVING

LOS ANGELES, May 6.—Sully-Miller Contracting Co., 1500 W. Seventh street, Long Beach, today submitted a low bid of \$96,909 to the office of the State Highway Engineer here for grading and paving about four miles in Los Angeles County, between Lakewood boulevard and Norwalk road, on Carson street. Second and third low bidders, respectively, were Oswald Bros. Los Angeles, at \$98,618; and Griffith Co., Los Angeles, at \$102,162.

The contract calls for paving with Portland cement concrete and plant-mixed surfacing.

## BIDS MAY 21 ON AQUEDUCT REPLACEMENT

S. F. Works Dept. Invites Proposals for Office Alterations

Two San Francisco municipal contracts were authorized for advertising yesterday—one by the Public Utilities Commission and one by the Department of Public Works—and bids on another were opened by the latter department.

The Utilities Commission set May 21 for opening proposals on replacement of a portion of Stone Dam Aqueduct in San Mateo Co.

The Department of Public Works called for bids, to be opened May 19, for alterations to the Controller's and Tax Collector's offices in the city hall. Cost of this work is estimated by City Architect Charles H. Sawyer at approximately \$12,000.

### Four Proposals

Four bids were received by Acting Director S. J. Hester of the Department of Public Works for constructing equipment for the Agassiz school. Lowest bidder was Grant Martinelli Construction Co., with a proposal of \$18,488.

Other bidders were DeLuca and Son, Inc., \$18,800; F. C. Amoroso & Sons, \$19,253; and Anderson & Ringrose, \$22,500.

The Stone Dam Aqueduct work involves removal of approximately 2,900 feet of an existing wooden flume and its replacement with the same length of 48-inch inside diameter reinforced concrete pipe.

### Connects With Tunnel

The section of the aqueduct to be replaced connects at its upstream end with an existing tunnel and at its downstream end with an existing 44-inch steel pipe inverted siphon. The upstream end is accessible by a private road and is located about five and one-half miles by road from Millbrae, San Mateo county.

Alternative items providing for either monolithic or centrifugally spun concrete pipe are included in

## 1,264,000-YARD LEVEE PROJECT IS ADVERTISED

U. S. Engineers to Open Bids May 28 on Yolo By-Pass Cache Creek Work

Bids for levee construction in the vicinity of Yolo By-Pass will be opened May 28, the U. S. Engineer Office in Sacramento announced yesterday.

Under the contract advertised for bids, a total of approximately 1,264,000 cubic yards of material is to be placed in levee embankments along Yolo By-Pass, Knights Landing Ridge Cut, Cache Creek Settling Basin and Cache Creek.

Work is divided into two sections in the bidding schedule, which includes a total of 42 items.

### Yolo By-Pass

Section 1, involving placing of about 937,300 cubic yards of material, includes work along 2.3 miles of the west levee of Yolo By-Pass southerly from Fremont Weir to the north levee of Knights Landing Ridge Cut; 0.75 of a mile along the north and south levees of Knights Landing Ridge Cut northwesterly from the west levee of the by-pass and about 2,200 ft. of spur levee; and 2.7 miles along the west levee of Yolo By-Pass from the south levee of Knights Landing Ridge Cut to the Sacramento-Northern Railroad.

Section 2 involves placing about 326,700 cubic yards of material in embankment. It covers work for about three miles along the Cache Creek Settling Basin from the west levee of Yolo By-Pass to the north levee of Cache Creek; and 1.2 miles along the south levee of Cache Creek and 1.8 miles along the west training levee of Cache Creek Settling Basin.

## PUBLISHED MERCURY LIGHTING CATALOG

A catalog describing many types of industrial lighting equipment for use with 200 and 400 watt high intensity mercury vapor lamps has been published by the Westinghouse Electric and Manufacturing Company. Combination mercury - incandescent units are also described. Included in the catalog is information on designing an installation, choosing mounting heights, spacing and size of units for different wall and ceiling conditions, and a average resultant lighting intensity. Vapor proof units for severe service conditions are included. Copies of the catalog are available from the Lighting Division, Westinghouse Electric & Manufacturing Co., Cleveland, O.

Production of malleable iron castings for the first two months of 1937 amounted to 110,933 short tons, compared with 88,800 and 84,777 short tons for the same periods in 1936 and 1935, respectively, the Bureau of Census reports.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

1117	Brown	Owner	1000
1118	Edmonds	Lindsay	4000
1119	Fitzgerald	Owner	2000
1120	Golden	Beal	1280
1121	Karlberg	Owner	1000
1122	Moss	Mullen	1850
1123	Pfeifer	Mullen	1460
1124	Pirag	Yrigoyen	1000
1125	Stoneson	Owner	5000
1126	Walkup	Newman	3000
1127	Day	Coburn	4000
1128	Fisher	Miller	1200
1129	Franchi	Ferroni	6000
1130	O'Carmony	Nelson	4500
1131	Hardiman	Owner	4000
1132	Hardiman	Owner	4000
1133	Lemogue	Owner	16000
1134	Noack	Jensen	4700
1135	Evers	Owner	4000
1136	Evers	Owner	4000
1137	Gurley	Koenig	2000
1138	Langendorf	Barrett	1000
1139	Magnoni	Cappelletti	4250
1140	P. G. & E.	Owner	9000
No.	Owner	Contractor	Am.
1141	Riengue	Owner	3000
1142	Romark	S. F. Bldg.	1000
1143-46	Rousseau	Owner	4000
1147-48	Rousseau	Owner	5000
1149	Stater	Luminad	1800
1149	Stater	Luminad	1800
1150	Stendell	Owner	4000
1151	Stendell	Owner	4000
1152	Stich	Vukeceevich	5000
1153	Walter	Wagner	1000
1154	Ajax	Owner	10000
1155	Arco	Owner	3200
1156	Arco	Owner	3200
1157	Arco	Owner	4000
1158	Baysshore	Sub-Contracts	15000
1159	Doane	Owner	3750
1160	Gruber	Newton	1000
1161	Hobbs	Rees	3000
1162	Johnson	Owner	3000
1163	Johnson	Owner	3000
1164	Johnson	Owner	4000
1165	Johnson	Owner	4000
1166	Mendell	Jacks	8500
1167	Rolkin	Bush	2800
1168	Samuelson	Owner	2500
1169	Samuelson	Owner	2500
1170	Steiner	Owner	5000
1171	Wagner	Western	3000
1172	Western	Cobby	2500
1173-75	Galli	Owner	3500
1176-78	Galli	Owner	3750
1179	Hicks	Owner	1000
1180-83	McSheehy	Owner	5000
1184	Ricci	Ratto	1500
1185	S. F. Theatres	Salih	2000
1186	Smith	Owner	4500
1187-90	Standard	Owner	3500
1191	Walker	Owner	3000

**ALTERATIONS**  
 (1117) W. 18TH AVE. 125 S PA-  
 CHECO. Alter dwelling.  
 Owner—Fred Brown, 518 Valencia.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1118) NW ANZA AND 42ND AVE.  
 One-story and basement frame  
 dwelling.  
 Owner—J. W. Edmonds, 677 43rd  
 Ave.  
 Contractor—Body C. Lindsay, 183  
 Oxford.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (1119) 3465-76 18TH ST. Alter flats.  
 Owner—W. Fitzgerald, 3476 18th St.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (1120) 127 GEARY ST. Alter fur  
 shop.  
 Owner—Nathan Golden, Frem.  
 Contractor—K. C. Beal, 2745 16th St.  
 Architect—Not Given. \$1280

**ALTERATIONS**  
 (1121) 1238 20TH AVE. Alter flats.  
 Owner—Karlberg & Bosin, 1228 20th  
 Ave.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (1122) 1023 MARKET ST. Alter  
 store.  
 Owner—Moss Stores, Inc. Prem.  
 Contractor—Mullen Mfg. Co., 60  
 Rausch St.  
 Architect—Not Given. \$1850

**ALTERATIONS**  
 (1123) 127 GRANT AVE. Alter  
 store.  
 Owner—M. Pfeifer, Prem.  
 Contractor—Mullen Mfg. Co., 60  
 Rausch.  
 Architect—Not Given. \$1460

**ALTERATIONS**  
 (1124) 1635 PALOU ST. Alter dwell-  
 ing.  
 Owner—A. Pirag, 1397 Palou.  
 Contractor—Joe Yrigoyen, 31 Thorn-  
 ton.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1125) E. LAGUNITAS, 134 N OF  
 OCEAN. One-story and base-  
 ment frame dwelling.  
 Owner—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$5000

**ALTERATIONS**  
 (1126) 240 SECOND ST. Alter of-  
 fice.  
 Owner—Walkup Drayage & Ware-  
 house Co., Fourth and Berry  
 Streets.  
 Contractor—C. C. Newman, 507 Bran-  
 nan.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (1127) 30 NORTH GATE DRIVE.  
 Alter dwelling.  
 Owner—Donald Day, c/o contractor.  
 Contractor—L. W. Coburn, 2048 Mar-  
 ket Street. \$4,000

**ALTERATIONS**  
 (1128) 2530 19th AVE. Alter dwell-  
 ing.  
 Owner—C. Fisher, premises.  
 Contractor—Miller & McGills, 4444  
 Geary Boulevard.  
 Architect—Not Given. \$1,200

**DWELLING**  
 (1129) N. NORTH POINT 34 West  
 Hyde St. Two-story frame store  
 and dwelling.  
 Owner—G. Franchi, NW Cor. North  
 Point and Hyde Streets.  
 Contractor—G. Ferroni & Sons, 1966  
 Elbert Street.  
 Architect—Not Given. \$6,000

**DWELLING**  
 (1130) W URANUS TERR. 50 N  
 Deming. One-story frame dwell-  
 ing.  
 Owner—Mary O'Carmony, 4096 18th  
 St.  
 Contractor—Frank F. Nelson, Inc.,  
 2 Edgell Way.  
 Architect—Not Given. \$4,500

**DWELLING**  
 (1131) E 36th AVE. 200 N Kirkham.  
 One-story and basement frame  
 dwelling.  
 Owner & Builder—Michael D. Hardi-  
 man, 423 38th Avenue.  
 Architect—Vincent Buckley 525 Mar-  
 ket Street. \$4,000

**DWELLING**  
 (1132) E 36th AVE. 175 N Kirkham.  
 One-story and basement frame  
 dwelling

Owner & Builder—Michael D. Hardi-  
 man, 423 38th Avenue.  
 Architect—Vincent Buckley 525 Mar-  
 ket Street. \$4,000

**DWELLING**  
 (1133) W PARKER 165 N Turk St.  
 One-story and basement frame  
 dwelling.  
 Owner and Builder—V. Lemogue, 284  
 Natoma Street.  
 Architect—Edw. A. Eames, 216 Pine  
 Street. \$16,000

**DWELLING**  
 (1134) S JUDAH ST. 33 E 46th Ave.  
 One-story and basement frame  
 dwelling.  
 Owner—Frederick Noack, 1263 43rd  
 Avenue.  
 Contractor—E. F. Jensen, 1257 20th  
 Avenue.  
 Architect—Not Given. \$4,700

**DWELLING**  
 (1135) W. 37TH AVE. 150 S SAN-  
 TIAGO. One-story frame dwell-  
 ing.  
 Owner—Kenneth Evers, 97 San Pab-  
 lo Ave.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$4000

**DWELLING**  
 (1136) W. 37TH AVE. 175 S SAN-  
 TIAGO. One-story frame dwell-  
 ing.  
 Owner—Kenneth Evers, 97 San Pab-  
 lo Ave.  
 Architect—C. O. Clausen, 746 46th  
 Ave. \$4000

**ALTERATIONS**  
 (1137) SE PARNASSUS & STAN-  
 YAN. Alter store.  
 Owner—Dr. John Gurley, care Arch-  
 itect.  
 Contractor—Chas. J. U. Koenig Sons,  
 210 Dorland.  
 Architect—Chas. F. Maury, Monad-  
 rock Bldg. \$2000

**ALTERATIONS**  
 (1138) NW 18TH AND SHOTWELL.  
 Alter bakery.  
 Owner—Langendorf United Baker-  
 ies, 1160 McAlister.  
 Contractor—Barrett & Hill, 918 Har-  
 rison.  
 Architect—W. H. Ellison, Pacific  
 Building. \$1000

**DWELLING**  
 (1139) N. CARMEL, 192 W COLE.  
 One-story frame dwelling.  
 Owner—L. Magnoni, 1697 Haight.  
 Contractor—D. Cappelletti, 667  
 Hampshire.  
 Architect—Not Given. \$4,250

**SUBSTATION**  
 (1140) NW ROUSSEAU AND BOS-  
 WORTH. One-story Class B  
 Substation.  
 Owner—P. G. & E. Co., 245 Market.  
 Engineer—A. W. Markwart, 245 Mar-  
 ket St. \$9000

**DWELLING**  
 (1141) SW INNES & HAWES. One-  
 story frame dwelling.  
 Owner—Paul & Helen Riengue, 974  
 Innes.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (1142) 4011 24TH ST. Alter the-  
 atre.  
 Owner—Romark Amusement Corp.,  
 Prem.  
 Contractor—S. F. Bldg Constr. Co.,  
 2212 Polk.  
 Architect—Not Given. \$1000

# PACIFIC CONSTRUCTOR

**DWELLING**  
 (1143) E CHABOT, 90 S TURK  
 One-story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. Gunnison, 321 Kearny St. \$4000

**DWELLING**  
 (1144) E. CHABOT, 215 S TURK  
 One-story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny St.  
 Architect—Wm. Gunnison, 321 Kearny St. \$4000

**DWELLING**  
 (1145) S. TURK, 75 E CHABOT TERRACE, One - story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. Gunnison, 321 Kearny St. \$4000

**DWELLING**  
 (1146) S. TURK, 25 E CHABOT.  
 One-story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. Gunnison, 321 Kearny St. \$4000

**DWELLING**  
 (1147) E. CHABOT, 115 S TURK.  
 Two-story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. Gunnison, 321 Kearny St. \$5000

**DWELLING**  
 (1148) S. TURK, 50 E CHABOT.  
 Two-story frame dwelling.  
 Owner—Oliver M. Rousseau, Inc., 321 Kearny.  
 Architect—Wm. Gunnison, 321 Kearny St. \$5000

**ELECTRIC SIGN**  
 (1149) 1600 VAN NESS. Electric sign.  
 Owner—Glen C. Stater, Inc., Prem.  
 Contractor—Luminad Corp., 5835 3rd Street.  
 Architect—Not Given. \$1800

**DWELLING**  
 (1150) W. 36TH AVE., 125 S LAWTON.  
 One-story frame dwelling.  
 Owner—Elvin Stendell, 1275 8th Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1151) W. 36TH AVE., 150 S LAWTON.  
 One-story frame dwelling.  
 Owner—Elvin Stendell, 1275 8th Ave.  
 Architect—Not Given. \$4000

**FLATS**  
 (1152) E. 11TH AVE., 440 N TARAVALL.  
 Two-story frame flats.  
 Owner—Helen Steh, 1155 Taraval.  
 Contractor—M. E. Vukelovich, 666 Mission.  
 Architect—R. R. Irvine, care Contractor. \$5000

**DWELLING**  
 (1153) 54 HOMESTEAD. Alter dwelling.  
 Owner—Edward Walter, Prem.  
 Contractor—R. Wagner, 121 Dolores.  
 Architect—Not Given. \$1000

**FOUNDRY**  
 (1154) E. PHELPS, 100 N GALVEZ.  
 One-story steel foundry.  
 Owner—Max Foundry Co., 81 Tehama.  
 Architect—Not Given. \$6000

**DWELLING**  
 (1155) W. DEL MONTE, 210 S MONTAGNA.  
 One-story frame dwelling.  
 Owner—Arco Bldg. Co., 5401 Mission.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1156) W. DEL MONTE, 110 S MONTAGNA.

**VERNON, 1-story frame dwelling.**  
 Owner—Arco Bldg. Co., 5401 Mission.  
 Architect—Not Given. \$3200

**DWELLING**  
 (1157) W. DEL MONTE, 80 S MONTAGNA.  
 One-story frame dwelling.  
 Owner—Arco Bldg. Co., 5401 Mission.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1158) NW FRANCISCO & LEAVENWORTH. Three-story and basement frame dwelling.  
 Owner—Bayshore Realty Co., Marshall Square Bldg.  
 Contractor—Not Given (Sub-Contractor).  
 Architect—H. C. Baumann, 251 Kearny St.  
 Engineer—W. H. Ellison, Pacific Bldg. \$15,000

**ALTERATIONS**  
 (1159) 2413 WASHINGTON. Alter flats.  
 Owner—Cyril Doane, 760 Russ Bldg.  
 Architect—Not Given. \$3750

**ALTERATIONS**  
 (1160) 1281 19TH ST. Alter flats.  
 Owner—F. Gruher, Prem.  
 Contractor—John Newton, 2029 Kirkham.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (1161) 2350 JERROLD. Alter lumber yard.  
 Owner—Hobbs Wall & Co., Prem.  
 Contractor—Rees Blow Pipe Mfg. Co., 340 7th St.  
 Architect—Not Given. \$3000

**FRAME SHOP**  
 (1162) N. WALLACE, 260 W 3RD ST. One-story frame shop.  
 Owner—Louis Johnson, 666 Mission.  
 Engineer—H. A. Emmrich, 1280 Indiana. \$3900

**FACTORY**  
 (1163) S. WILLIAMS, 315 W 3RD ST. One-story frame office and factory.  
 Owner—Louis Johnson, 666 Mission.  
 Engineer—H. A. Emmrich, 1280 Indiana. \$4000

**FACTORY**  
 (1164) S. WILLIAMS, 215 W 3RD ST. One-story frame office and factory.  
 Owner—Louis Johnson, 666 Mission.  
 Engineer—H. A. Emmrich, 1280 Indiana. \$4000

**DWELLING**  
 (1165) NW VIENNA & FRANCE. One-story frame dwelling.  
 Owner—Martire & Alessandri, 766 Silver.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (1166) 2721 PACIFIC. Alter dwelling.  
 Owner—George Mendell, care Contractor.  
 Contractor—Jacks & Irvine, 620 Market.  
 Architect—Hervey Parke Clark, 210 Post. \$8500

**ALTERATIONS**  
 (1167) 252 6TH ST. Alter hotel.  
 Owner—Edward Rolkin, 136 McAllister.  
 Contractor—John Bush, 1349 Clayton.  
 Architect—Not Given. \$2800

**DWELLING**  
 (1168) S. TUCKER, 210 E RUTLAND.  
 One-story frame dwelling.  
 Owner—Roy Samuelson, 2177 Bayshore.  
 Architect—Not Given. \$2500

**DWELLING**  
 (1169) S. TUCKER, 235 E RUTLAND.  
 One-story frame dwelling.  
 Owner—Roy Samuelson, 2177 Bayshore.  
 Architect—Not Given. \$2500

**DWELLING**  
 (1170) E. FUNSTON, 132 S LAWTON.  
 One-story frame dwelling.  
 Owner—S. J. Stelner, 1682 25th Ave.  
 Architect—Not Given. \$5000

**ALTERATIONS**  
 (1171) 441 FOLSOM. Alter storage building.  
 Owner—Joseph Wagner Mfg. Co., Prem.  
 Contractor—Western Iron Works, 141 Beale.  
 Architect—Not Given. \$3000

**STORAGE BUILDING**  
 (1172) NE MARIPOSA AND DE HARO. One-story frame storage building.  
 Owner—Western Can Co., 17th St. and Rhode Island.  
 Contractor—J. W. Cobby & Son, 260 Tehama.  
 Architect—Not Given. \$2500

**DWELLING**  
 (1173) E. 18TH AVE., 200 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1174) E. 18TH AVE., 150 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1175) E. 18TH AVE., 175 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1176) E. 18TH AVE., 75 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3750

**DWELLING**  
 (1177) E. 18TH AVE., 100 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3750

**DWELLING**  
 (1178) E. 18TH AVE., 125 N QUIN-TARA. One-story frame dwelling.  
 Owner—R. F. Gall, 377 West Portal.  
 Architect—Not Given. \$3750

**ALTERATIONS**  
 (1179) 2940 BRODERICK. Alter dwelling.  
 Owner—A. M. Hicks, Prem.  
 Architect—G. A. Berger, 309 Valencia. \$1000

**DWELLING**  
 (1180) W UPPER TERRACE, 118 N CLIFFORD TERRACE. Two-story frame dwelling.  
 Owner—Jas. E. McSheehy, 137 Clifford Terrace.  
 Architect—Not Given. \$5000

**DWELLING**  
 (1181) W UPPER TERRACE, 148 N CLIFFORD TERRACE. Two-story frame dwelling.  
 Owner—Jas. E. McSheehy, 137 Clifford Terrace.  
 Architect—Not Given. \$5000

**DWELLING**  
 (1182) W UPPER TERRACE, 62 N CLIFFORD TERRACE. Two-

story frame dwelling.  
Owner—Jas. B. McSheehy, 137 Cliff-  
ford Terrace.  
Architect—Not Given. \$5000

DWELLING  
(1183) W. UPPER TERRACE, 90 N  
CLIFFORD TERRACE. Two-  
story frame dwelling.

Owner—Jas. B. McSheehy, 137 Cliff-  
ford Terrace.  
Architect—Not Given. \$5000

ALTERATIONS  
(1184) 1421 GALVEZ. Alter dwell-  
ing.

Owner—Mr. Ricci, Petaluma, Calif.  
Contractor, Victor E. Ratto, 4394  
19th St.  
Architect—Not Given. \$1500

ALTERATIONS  
(1185) 1616 DIVISADERO. Alter  
theatre.  
Owner—S. F. Theatres, Inc., 25 Tay-  
lor St.

Contractor—Salih Bros., 25 Taylor.  
Architect—Not Given. \$2000

DWELLING  
(1186) W. 37TH AVE., 123 N BAL-  
BOA. One-story frame dwelling.  
Owner—Chas. Smith, 866 36th Ave.  
Architect—Not Given. \$4500

DWELLING  
(1187) E. 44TH AVE., 200 N MO-  
RAGA. One-story frame dwell-  
ing.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah.  
Architect—Not Given. \$3500

DWELLING  
(1188) E. 44TH AVE., 250 N MO-  
RAGA. One-story frame dwell-  
ing.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah.  
Architect—Not Given. \$3500

DWELLING  
(1189) E. 44TH AVE., 1 1/2 N MO-  
RAGA. One-story frame dwell-  
ing.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah.  
Architect—Not Given. \$3500

DWELLING  
(1190) E. 44TH AVE., 225 N MO-  
RAGA. One-story frame dwell-  
ing.  
Owner—Standard Bldg. Co., 1500 Ju-  
dah.  
Architect—Not Given. \$3500

DWELLING  
(1191) E. BIXBEE, 75 N SARGENT.  
One-story frame dwelling.  
Owner—Patrick M. Walker, 2190  
Beach.  
Architect—Not Given. \$3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
772	Love	Foster	9000
774	Dowling	Owner	2500
775	Bohannon	Owner	5000
776	Bohannon	Owner	5500
777-79	Bohannon	Owner	6000
780	Bragg	Owner	3500
781	Critchlaw	Krattenmaker	22500
782	Davey	Dowling	7000
783	Elsocht	Teigland	4485
784	Krieg	Petersen	1500
785	Oliver	Paige	17128
786	Potter	Owner	4200
787	Wetzel	Owner	4100
788	Barneyback	Fox	4850
789	Anderson	Van Bokkelen	1400
790	Buckley	Rich	1500
791	Braund	Owner	1000
792	Norheim	Williams	7000
793	Whalen	Owner	4900
794	McHale	White	14000
795	McHale	White	14000
796	Perra	Western	3100
No.	Owner	Contractor	Amt.
797	Engler	Owner	6000

798	Pedretti	Marietti	3500
799	Carper	Parson	5000
800	Centee	Wiersma	1000
801	Dahl	Owner	5000
802	Hagstrom	Owner	7800
803	Pengiver	McPherson	2000
804	Teigden	Swanstrom	3000
805	Tanner	Ringeltaube	1500
806	Tasheira	Henderson	1000
807	Carso	Owner	3200
808	Daxalina	Owner	3500
809	Darling	Owner	4000
810	Nutter	Owner	2500
811	Smith	Jensen	1000
812	Womack	Owner	3500
813	Ralphs	Daw	3000
814	Grehs	Rose	1000
815	Anderson	Joseph	5000
816	Clagman	Bernard	1231
817	Krygel	Rich	4000
818	Law	Radiant	1200
819	Meeker	Hildebrand	4000
820-22	Moore	Johanson	3150
823	White	Denke	6150
824	Winkelman	Owner	1000

ALTERATIONS  
(773) 2112 VIRGINIA ST., BERKE-  
LEY. Alterations and additions.  
Owner—Miss Clara Love, 2418 S.  
Atherton.  
Contractor—Wm. G. Foster, 4 Aron  
Rd.  
Architect—Not Given. \$9000

STORE BUILDING  
(774) 2930 SACRAMENTO, BERK-  
ELEY. Two-story 2-room store  
building.  
Owner & Builder—Geo. F. Dowling,  
337 17th St., Oakland.  
Architect—Not Given. \$2500

DWELLING  
(775) 3424 MIRASOL AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—David D. Bohan-  
non, 331 17th St.  
Architect—Not Given. \$5000

DWELLING  
(776) 3427 MARGARITA AVENUE,  
OAKLAND. One-story 6-room  
dwelling.  
Owner & Builder—David D. Bohan-  
non, 331 17th St.  
Architect—Not Given. \$5500

DWELLING  
(777) 3410 MARGARITA AVENUE,  
OAKLAND. Two-story 6-room  
dwelling.  
Owner & Builder—David D. Bohan-  
non, 331 17th St.  
Architect—Not Given. \$6000

DWELLING  
(778) 3412 MARGARITA AVENUE,  
OAKLAND. One-story 6-room  
dwelling.  
Owner & Builder—David D. Bohan-  
non, 331 17th St.  
Architect—Not Given. \$6000

DWELLING  
(779) 3416 MARGARITA AVENUE,  
OAKLAND. Two-story 6 room  
dwelling.  
Owner & Builder—David D. Bohan-  
non, 331 17th St. \$6000

DWELLING MERRILL AVE., OAK-  
LAND. One-story 4-room dwell-  
ing.  
Owner & Builder—M. V. Bragg, 2937  
Bona St.  
Architect—Not Given. \$3500

DWELLING  
(781) 2421 80TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Irving Critchlaw, Prem.  
Contractor—C. J. Krattenmaker, 5322  
James Ave.  
Architect—Not Given. \$3250  
Also 1-story garage, \$150

DWELLING  
(782) SW Cor. MODOC AND HAR-  
BOARD AVE., OAKLAND. 2-  
story 6-room dwelling.  
Owner—E. T. Davey, Prem.  
Contractor—S. J. Dowling, 2800 Clay  
St., Alameda.  
Aichitect—Not Given. \$7000

DWELLING  
(783) 1701 MOUNTAIN BLVD.,  
OAKLAND. One-story 5-room  
dwelling.  
Owner—R. L. Elsocht, Oakland.  
Contractor—C. M. Teigland, 525 49th  
St.  
Architect—George Bidwell, Oakland.  
\$4485

ALTERATIONS  
(784) 3334 E. 14TH ST., CAKLAND.  
Alterations.  
Owner—J. J. K.ieg, Co. Prem.  
Contractor—J. B. Petersen & Son,  
4021 Agua Vista Ave.  
Architect—Williams & Wastell, 17th  
St. \$1500

DWELLING  
(785) 30 BEECHWOOD DR., OAK-  
LAND. 2-story 10-room dwell-  
ing.  
Owner—A. D. Oliver, 1244 St. Charles  
St., Alameda.  
Contractor—Harold Paige, 5651 Oak  
Grove Ave.  
Architect—Newsom & Newsom, 1226  
Russ Bldg., San Francisco. \$17,338

DWELLING  
(786) 2922 EL MONTE AVENUE,  
OAKLAND. One-story 5-room  
dwelling.  
Owner & Builder—Arthur W. Potter,  
6324 Camden St.  
Architect—Not Given. \$4200

DWELLING  
(787) 2728 98TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—P. H. Wetzel, 3461  
Davis St.  
Architect—Not Given. \$4100

DWELLING  
(788) 667 EUCLID AVE., BERKE-  
LEY. Two-story 5-room frame  
dwelling.  
Owner—R. Barneyback, 400 Perkins  
St., Berkeley.  
Contractor—Fox Bros., 1478 Univer-  
sity Ave., Berkeley.  
Architect—Not Given. \$4850

REPAIRS  
(789) 3798 HOWE ST., OAKLAND.  
Fire repairs.  
Owner—Mrs. John Anderson, 3798  
Howe St., Berkeley.  
Contractor—W. G. Van Bokkelen, 439  
23rd St., Berkeley.  
Architect—Not Given. \$1,490

ALTERATIONS  
(790) 17 RONADA AVE., OAKLAND.  
Alterations and additions.  
Owner—Staford Buckley.  
Contractor—Jas. L. Rich, 556 37th  
St., Oakland.  
Architect—Not Given. \$1,500

ALTERATIONS  
(791) 64 SANTA CLARA AVENUE,  
OAKLAND. Alterations and re-  
pairs.  
Owner and Builder—Mrs. E. Braund,  
64 Santa Clara Ave., Oakland.  
Architect—G. L. Brown, 601 Ameri-  
can Bldg., Oakland. \$1,000

DWELLING  
(792) 6035 ASCOT DRIVE, OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner—Dr. Carl G. Norheim, 491  
Crescent St., Oakland.  
Contractor—H. E. Williams, 839  
Cred Road, Oakland.  
Architect—Not Given. \$7,000

DWELLING  
 7933 155 FLORENCE AVE. OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner and Builder—Hafschmidt and  
 Whalen, 337 17th St., Oakland.  
 Architect—Not Given. \$4,000

APARTMENTS  
 1784 382-A-B-C ORANGE Street,  
 OAKLAND Two-story 20-room  
 apartments.  
 Owner—C. McHale, 306 15th Street,  
 Oakland.  
 Contractor—Millar White, 306 15th  
 St., Oakland.  
 Architect—Not Given. \$14,000

APARTMENTS  
 1785 3786-A-B-C ORANGE Street,  
 OAKLAND Two-story 20-room  
 apartments.  
 Owner—C. McHale, 306 15th Street,  
 Oakland.  
 Contractor—Millar White, 306 15th  
 St., Oakland.  
 Architect—Not Given. \$14,000

DWELLING  
 1796 9509 THERMAL ST., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner—Josephine Perra, 1211 Stan-  
 nage Ave., Berkeley.  
 Contractor—Western Const & Engr.  
 Co., 1025 26th St., Oakland  
 Architect—Not Given. \$3,100  
 Also 1-story garage \$160.

DWELLING  
 797 770 KEELER BERKELEY.  
 One-story 6-room frame dwell-  
 ing.  
 Owner & Builder E. Engler, 3100  
 College.  
 Architect—Not Given. \$6,000

DWELLING  
 4798 3219 IDAHO, BERKELEY  
 One-story 4-room frame dwell-  
 ing.  
 Owner—Louis Pedretti, Richmond.  
 Contractor—Charles Marietta, 1201  
 Channing Way.  
 Architect—Not Given. \$3,500

DWELLING  
 1799 1358 ALBERT ST., OAK-  
 LAND Two-story 6-room dwell-  
 ing.  
 Owner—Orlan D. Carper, 3723 Maple  
 Ave.  
 Contractor—George P. Parsons, 3839  
 Canon Ave.  
 Architect—Not Given. \$5,000

ADDITION  
 800 874 57TH ST. OAKLAND.  
 Addition.  
 Owner—J. W. Conroy, 874 57th St.  
 Contractor—P. L. Worsma 1157 71st  
 Ave.  
 Also 1-story garage, \$350.  
 Architect—Not Given. \$1,000

DWELLING  
 801 8547 REINHARDT DRIVE  
 OAKLAND Two-story 5-room  
 dwelling.  
 Owner & Builder—Hetting and Ellen  
 Dahl, Frem.  
 Architect—Not Given. \$5,000

STORE  
 1802 9409 F 14TH ST. OAKLAND.  
 One-story 20 ft.  
 Owner & Builder—Harrison Food  
 Stores, 1407 Broadway, S. E. 14th  
 St.  
 Architect—Not Given. \$7,500

ALTERATIONS  
 1803 6117 GROVE ST. OAKLAND.  
 Alterations.  
 Owner—A. Penzler, 28 Cass Way,  
 San Francisco.  
 Contractor—S. McPherson, 2132  
 Broadway.  
 Architect—Not Given. \$2,000

ALTERATIONS  
 804 53-55 GRAND AVE., OAK-  
 LAND Alterations.  
 Owner—C. Tiedgen, 55 Grand Ave.  
 Contractor—Geo. Swanstrom, 1615  
 7th Ave.  
 Architect—Not Given. \$3,000

ALTERATIONS  
 1805 2574 HILGARD, BERKELEY.  
 Alterations.  
 Owner—Mrs. L. Tanner, 2122 Durant.  
 Contractor—O. E. Ringeltaube, 1498  
 Alameda.  
 Architect—Not Given. \$1,500

ALTERATIONS  
 1806 2236 PIEDMONT, BERKE-  
 LEY Alterations.  
 Owner—Geo. Tacheira, Prem.  
 Contractor—H. K. Henderson, 20  
 Avis Road.  
 Architect—Not Given. \$1,000

DWELLING  
 1807 2742 74TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner & Builder—Frank Carso, 6005  
 E. 14th St.  
 Architect—A. R. Denke, Broadway  
 Bldg. \$3,200

DWELLING  
 1808 3933 MAYBELLE AVE., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner & Builder—Sam Casalina,  
 3925 39th Ave.  
 Architect—Not Given. \$3,500

DWELLING  
 1809 3106 MAPLE AVENUE, OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner & Builder—E. Darling, 2697  
 74th Ave.  
 Also 1-story garage, \$125.  
 Architect—Not Given. \$4,000

DWELLING  
 1810 3406 HIGH ST. OAKLAND  
 One-story 4-room dwelling.  
 Owner & Builder—A. C. Nutter, 3406  
 High St.  
 Also 1-story garage, \$150.  
 Architect—Not Given. \$2,500

ALTERATIONS  
 1811 106 62ND ST., OAKLAND  
 Alterations.  
 Owner—Curtis K. Smith, Prem.  
 Contractor—Jensen & Pedersen, 3443  
 Adeline St.  
 Architect—Not Given. \$1,000

DWELLING  
 1812 1672 FAIR AVE. OAKLAND  
 One-story 5-room dwelling.  
 Owner & Builder—G. W. Womack &  
 Son, 4901 Daisy St.  
 Architect—Not Given. \$3,500

ALTERATIONS  
 1813 1019 MARIPOSA, BERKE-  
 LEY Alterations.  
 Owner—I. Ralphs, Prem.  
 Contractor—Leslie E. Dawe, 449 Co-  
 ventry Rd.  
 Architect—Not Given. \$3,000

ALTERATIONS  
 1814 132 TAMALPAIS RD., BERK-  
 LEY Alterations.  
 Owner—Emil Grebs, Prem.  
 Contractor—A. H. Rose, 478 25th St.,  
 Oakland.  
 Architect—Not Given. \$1,000

DWELLING  
 1815 1950 CLEMENS RD., OAK-  
 LAND One-story 6-room dwell-  
 ing.  
 Owner—E. A. Anderson, 2768 Bell-  
 street, Frem.  
 Contractor—Carl E. Joseph, 2604  
 Broadway.  
 Also 1-story garage, \$400.  
 Architect—Not Given. \$5,000

ALTERATIONS  
 1816 7315 POOTHILL BLVD., OAK-  
 LAND Alterations.  
 Owner—Crim Clagman, Prem.  
 Contractor—W. Vernon Bernard, 227  
 San Carlos, El Cerrito.  
 Architect—Not Given. \$1,231

DWELLING  
 1817 6100 MORAGA AVE., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner—Max Krygel, Prem.  
 Contractor—Jos. L. Rich, 556 37th  
 St.  
 Architect—Not Given. \$4,000

ELECTRIC SIGN  
 1818 815 WEBSTER ST., OAK-  
 LAND Electric sign.  
 Owner—Asia Law, Prem.  
 Contractor—Radiant Neon Displays,  
 2561 San Pablo Ave.  
 Architect—Not Given. \$1,200

DWELLING  
 1819 3510 68TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Meeker & Dodge, 1813 Ala-  
 meda Ave., Alameda.  
 Contractor—C. G. Hildebrand, 2164  
 Hearst Ave., Berkeley.  
 Architect—Not Given. \$4,000

DWELLING  
 1820 7400 ARTHUR ST., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner—W. L. Moore, Prem.  
 Contractor—K. A. Johanson, 2059  
 High St.  
 Also 1-story garage, \$200  
 Architect—Not Given. \$3,150

DWELLING  
 1821 7332 ARTHUR ST., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner—W. L. Moore, Prem.  
 Contractor—K. A. Johanson, 2057  
 High St.  
 Also 1-story garage, \$200  
 Architect—Not Given. \$3,150

DWELLING  
 1822 7326 ARTHUR ST., OAK-  
 LAND One-story 5-room dwell-  
 ing.  
 Owner—W. L. Moore, Prem.  
 Contractor—K. A. Johanson, 2057  
 High St.  
 Also 1-story garage, \$200  
 Architect—Not Given. \$3,150

DWELLING  
 1823 5025 BROOKDALE AVENUE,  
 OAKLAND One-story 5-room  
 dwelling.  
 Owner—M. C. White, 2215 50th Ave.  
 Contractor—W. Vernon Bernard, 227  
 San Carlos, El Cerrito.  
 Architect—A. R. Denke, Broadway  
 Bldg. \$6,150

RETAINING WALL  
 1824 2257 HOPKINS ST., OAK-  
 LAND Concrete retaining wall.  
 Owner & Builder—H. B. Winkelman,  
 805 Colmar Ave.  
 Architect—T. G. Ruegg, 251 Kearny  
 St., San Francisco. \$1,000

### BUILDING CONTRACTS

88 Pacific	Dinwiddie	9300
89 Wesson	Sharboro	26689
90 Tidewater	Symon	2000
91 Stelling	Hansell	4890
92 Carrara	Mission	21250

ADDITIONS  
 1825 445 BUSH ST. Miscellaneous  
 additions and alterations in the  
 above building.  
 Owner—Pacific Telephone & Tele-  
 graph Co.  
 Contractor—Dinwiddie Constr. Co.  
 75% of labor and materials on  
 completion.  
 25% 40 days after comm.  
 TOTAL COST, \$9,300  
 Bond \$9,300 Surety, Pacific Indem-



nity Co. Limit, 30 working days. Plans and specifications filed.

**DWELLING**

(89) **NE BROADWAY AND NORMANDIE TERR.** Three-story dwelling. Owner—Miley B. Weason. Architect—Gardner A. Dailey, 210 Post. Contractor—Sharboro & Jorgensen. Filed May 4, '37. Dated Apr. 24, '37. 75% on 1st of each month; balance usual 35 days.

**TOTAL COST, \$26,669.00**  
 Forfeit, \$10 a day. Limit, 150 days. Plans and specifications filed.

**DEMOLITION**

(90) **E. COR. TENTH & BRYANT STS.** Demolish approximately 92 feet of SW portion of reinforced concrete building at above location.

Owner—Tidewater Assoc. Oil Co. Contractor—Symon Bros. Filed May 4, '37. Dated Apr. 28, '37. 75% on completion; balance, usual 35 days.

**TOTAL COST, \$2,000.00**  
 Bond, \$2,000. Surety, Globe Indemnity Co. Limit, 15 working days.

**ALTERATIONS**

(91) **1530 HAIGHT ST.** Alterations to stores. Owner—Martin Stelling, Jr. Architect—Earle E. Bertz, 681 Market Street. Contractor—George H. Hansell. Filed, May 5, '37. Dated, Apr. 21, '37. 5th of each month.....75%  
 Usual 35 days.....25%

**TOTAL COST, \$1,980.00**  
 Bond, \$4,890. Sureties, Fidelity and Deposit Co. of Maryland. Limit, 45 working days. Plans and specifications filed.

**MARKET BLDG.**

(92) **N CHESTNUT 88-9 W Scott.** One-story and basement concrete and wood market building. Owner—Victor J. Carrara. Architect—H. C. Baumman, 251 Kearby Street.

Contractor—Mission Concrete Constructors. Filed, May 5, '37. Dated, Apr. 9, 1937. First of each month.....75%  
 Usual 35 days.....25%

**TOTAL COST, \$21,250**  
 Bond, \$21,250. Sureties, Fidelity & Casualty Co. of N. Y. Limit, ninety working days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

**SIGN, electric, \$175; 237 6th St.;** owner, Gladys Benson, Prem.; contractor, Brumfield, 965 Folsom.  
**FLUE, \$35; NE 17th St. and Missouri;** owner, Geo. Wagner, 133 South Park; contractor, Clauson Patent Chimney Co., 51 Page.  
**SIGN, electric, \$450; 3226 Pierce;** owner, Tomales Bay Creamery, Prem.; contractor, Brumfield, 965 Folsom.

**BILLBOARD, \$7; S. MARKET, 336 W. BRADY;** owner, Foster & Kleiser Co., 1675 Eddy.  
**ALTER dwelling, \$225; 1338 40th Ave.;** owner, Herman Anderson, Prem.

**BILLBOARD, \$7; SE Sutter and Pierce;** owner, Foster & Kleiser Co., 1675 Eddy.  
**ALTER dwelling, \$400; 2205 Broderick;** owner, Martin J. Mendoza, Prem.

**SIGN, electric, \$200; 906 McAllister;** owner, Chesterfield Hotel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
**ALTER commercial building, \$25; 140 Front;** owner, A. Jacobs, Prem.; contractor, Anderson Sheet Metal, 323 Nash.

**BILLBOARD, \$7; N. North Point, 206 W Columbus;** owner, Foster & Kleiser Co., 1675 Eddy.

**ALTER dwelling, \$950; 1537 La Salle;** owner, J. Krus, Prem.; contractor, John Newton, 2029 Kirkham.  
**SIGN, electric, \$175; 23 6th St.;** owner, H. Nichols, Prem.; contractor, Brumfield, 965 Folsom.

**ALTER garage, \$400; 2685 Diamond;** owner, S. J. Olafson, Prem.  
**ALTER dwelling, \$100; 1230 De Haro;** owner, Florence Saadallah, Prem.

**ALTER flats, \$180; 1524 Larkin;** owner, Miss Steffens, Prem.

**BILLBOARD, \$13; N. Post and Pierce;** owner, Foster & Kleiser Co., 1675 Eddy.  
**ALTER restaurant, \$2; 2 Otis;** owner, Natha Levin, Prem.

**SIGN, electric, \$125; 300 Grove;** owner, H. Nicholson, Prem.; contractor, Pac. Elec. Constr. Co., 1496 Mission.

**ALTER commercial building, \$35; 501 Front;** owner, J. Hunt, Prem.; contractor, Anderson Sheet Metal, 323 Nash.

**ALTER club, \$350; 315 O'Farrell;** owner, J. F. Sullivan, Prem.; contractor, Erik G. Ernestam, 629 Commercial.

**SIGN, electric, \$250; 2527 Mission;** owner, Union Club, Prem.; contractor, Brumfield, 965 Folsom.

**SIGN, electric, \$225; 517 Post;** owner, A. Molino, Prem.; contractor, Brumfield, 965 Folsom.

**SIGN, electric, \$50; 143 Sixth St.;** owner, M. Shaker, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome.

**ALTER restaurant, \$200; 233 California;** owner, G. C. Elman et al, Prem.

**BILLBOARD, \$7; E. Scott, 50 S of Chestnut St.;** owner, Foster & Kleiser Co., 1675 Eddy St.  
**ALTER repair shop, \$50; 601 Valencia;** owner, J. A. Herzog, Prem.

**ALTER industrial building, \$450; 836 Harrison;** owner, M. Gellert, 270 7th St.; contractor, Harry A. Cohen, 1267 46th Ave.

**SIGN, electric, \$200; 930 Van Ness;** owner, Automotive Service Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

**ALTER dwelling, \$370; 3068 25th St.;** owner, A. Esolo, Prem.; contractor, A. R. Larson, 4020 24th St.

**ALTER dwelling, \$750; 460 Ramsell;** owner, F. H. Berntritter, 7923 Geary

**ALTER flats, \$300; 620 Guerrero;** owner, A. Firenzi, Prem.; contractor, D. C. McCabe, 430 Call Bldg.

**ALTER dwelling, \$400; 242 Prentiss;** owner, Josephine Campilongi, Prem.

**SIGN, metal, \$38; 2906 Mission;** owner, Central Realty Co., Prem.

**ALTER apartments, \$50; 1349 Greenwich;** owner, R. Elkus, Prem.

**DWELLING, 2-story frame, \$500; S Kirkwood, 25 E Earl;** owner, Paula and I Corona, 695 Kirkwood.

**GARAGE, 1-story frame, \$250; 102 Biuna Vista;** owner, Wm. Thiem, Prem.  
**ALTER Hats, \$280; 1150 Turk;** owner, Fred Rov, 2340 21st Ave.; contractor, S. A. Chase, 80 Douglas.  
**SIGN, electric, \$200; 150 Sansome;** owner, C. H. Roy, Prem.; contractor, Wonderlite, 170 Otis.  
**ALTER dwelling, \$50; 247 28th St.;** owner, Jas. W. Kerens, 35 Vallev.

**ALTER dwelling \$100—1295 Monterey;** owner, G. Fink, Prem.; contractor, G. P. U. Jensen & Sons, Inc., 320 Market; architect, Martin Sheldon, Monadnock Bldg.; engineer, A. V. Saph, Jr., Rialto Bldg.

**ALAMEDA COUNTY PERMITS UNDER \$1000**

**SHED, \$50; 581 Chetwood, Oakland;** owner and contractor, L. C. Edwards, Prem.

**ALTERATIONS for garage, \$200; 5434 Broadway, Oakland;** owner, Mrs. V. G. Lowell, Prem.; contractor, J. McGettigan, 4205 Webster St.

**RE-ROOF, \$180; 2710 Fruitvale Avenue, Oakland;** owner, E. Pfaltzgraf; contractor, Crown Roof Co., 1911 E. 12th St.

**ADDITION, \$325; 2026 104th Ave., Oakland;** owner and contractor, R. Otterson, Prem.

**RE-ROOF, \$100; 454 41st St., Oakland;** owner, W. McShay, Prem.; contractor, Fruitvale Roof Co., 927 53rd St.

**WRECK 1-story building, \$10; 1425 61st Ave., Oakland;** owner and contractor, F. E. Tansy, 1419 61st Ave.

**ALTERATIONS, \$500; 1700 Broadway, Oakland;** owner, Pacific Gas & Electric Co., 245 Market St., San Francisco; contractor, Willis F. Lynn, 1037 Ashmount Ave.

**WRECK 1-story building, \$25; 3129 Filbert St., Oakland;** owner, E. J. Carey, Prem.; contractor, Corea House Wreck, 3527 Peralta St.

**ADD to garage, \$100; 4720 Foothill Blvd., Oakland;** owner and contractor, D. H. Yates, Prem.

**ADDITION, \$400; 6119 Harwood Avenue, Oakland;** owner, A. G. Stinetz, Prem.; contractor, John Salverassa, 5103 Shafter Ave.

**ADDITION, \$125; 3651 Laurel Ave., Oakland;** owner, A. S. Roach, Prem.; contractor, L. E. Van Ness & Son, 4920 Park Blvd.

**SIGN, cloth, \$12; 3355 Lakeshore Avenue, Oakland;** owner, Shermans, Prem.; contractor, Oakland Sign Co., 579 18th St.

**SIGN, electric, \$90; 4140 Telegraph Ave., Oakland;** owner, Acker & Williams, Prem.; contractor, Radiant Neon Displays, 2561 San Pablo Ave.

**SIGN, electric, \$250; 815 Webster Street, Oakland;** owner, Asla Lard, Prem.; contractor, Radiant Neon Displays, 2561 San Pablo Ave.

**SIGN, electric, \$125; 5511 College Ave., Oakland;** owner, Farley's Drug Co., Prem.; contractor, Ace Elec. Sign Co., 1243 E. 12th St.

**SIGN, electric, \$195; 7315 Foothill Blvd., Oakland;** owner, Crima Cabaret, Prem.; contractor, Elec. Prod. Corp., 950 30th St.

**SIGN, electric, \$300; 3333 Lakeshore Ave., Oakland;** owner, Hafa, Prem.; contractor, Elec. Prod. Corp., 950 30th St.

**ALTERATIONS, \$27.50; 7114 Foye St., Oakland;** owner, Mrs. Joyce, Prem.; contractor, O. Blome, 1651 51st Ave.

**ALTERATIONS, \$90; 5241 College, Oakland;** owner, Mr. Chapman, Oakland; contractor, J. W. Monroe, 5538 Claremont.

**ADDITION, garage, \$1; 3572 Gray St., Oakland;** owner and contractor, Eugene Henriksen, 3372 Gray St.

**ALTERATIONS, \$500; 1221 Bonita, Berkeley;** owner and contractor, Emma Skidmore, Prem.

**ALTERATIONS, \$250; 98 Uplands, Berkeley;** owner, H. B. Stearna, Prem.; contractor, B. A. Robinson & Sons, 1241 53rd Ave., Oakland.

**SIGN, metal, \$15; 5201 E. 14th St., Oakland;** owner and contractor, Hancock Oil Co. of Calif., 1207 19th Ave.  
**SIGN, metal, \$15; 1300 E. 14th St., Oakland;** owner and contractor, Hancock Oil Co. of Calif., 1207 19th Ave.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                               |                                             |
|-------------------------------|---------------------------------------------|
| 1.—Agreements                 | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                      | 12.—Power Plants                            |
| 3.—Churches                   | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouse    | 14.—Residences                              |
| 5.—Flats                      | 15.—Schools                                 |
| 6.—Ganges and Service Streets | 16.—Theaters, Places and Inns               |
| 7.—Federal Buildings          | 17.—Theaters                                |
| 8.—Club Buildings             | 18.—Wharves & Docks                         |
| 9.—Hospitals                  | 19.—Misc. Const.                            |
| 10.—Hotels                    | 20.—Misc. Supplies & Sails                  |

## 1.—APARTMENTS

### Sub-Bids Wanted

**APTS.** Cost, \$22,000 to \$21,000 each  
**SAN MATEO, San Mateo Co., Calif.**  
 Baywood

Two frame and stucco apartment building, containing of four 5-room apartments each (hardwood floors, tile baths, etc.)

Owner—Peerless Homes, Inc.

Supt. of Const.—A. Frasca, 1666

Lombard St., San Francisco

Mr. Frasca desires sub-bids on wrought iron work, tin work, painting work, hardwood work and venetian blinds.

### To Be Done By Day's Work

**APARTMENTS** Cost, \$12,500

**SAN JOSE, Santa Clara Co., Calif.**

N. First St.

New apartment building (4 apts.).

Owner & Builder Joseph T. Graffia,

728 N. 4th St.

Architect—Not Given.

### Sub Bids Wanted

#### APARTMENTS

Cost, \$22,000 to \$24,000 each

**SAN MATEO, Calif., Baywood.**

Two frame and stucco apartment buildings, consisting of four 5-room apartment each, hardwood floors, tile baths, etc.

Owner—Peerless Homes, Inc.

Supt. of Const.—A. Frasca, 1666

Lombard St., San Francisco

Mr. Frasca desires sub-bids on wrought iron work, tin work, painting work, hardwood work and venetian blinds.

### Sub Bids Wanted

**APTS.** Cost \$22,000 to \$24,000 each

**SAN MATEO, San Mateo Co., Calif.**

Baywood

Two frame and stucco apartment buildings, consisting of four 5-room apartments each (hardwood floors, tile baths, etc.)

Owner—Peerless Homes, Inc.

Supt. of Const.—A. Frasca, 1666

Lombard St., San Francisco

Mr. Frasca desires sub bids on wrought iron work, tin work, painting work, hardwood work and Venetian blinds.

### Contract Awarded

**APARTMENTS** Cost, \$—

**BAYWOOD, San Mateo Co., Calif.**

Two-story stucco apartment building (four 5-room apts.), shake roof, tile baths, hard-wood floors, hot water heating system, plaster walls, electric refrigerator, exchange chute, etc.

Owner—George Ames.

Architect—Higgins & Root (Chester

Root, architect), Security Bldg.,

San Jose.

Contractor—G. W. Williams Co., 315

Primrose Road, Burlingame.

## 3.—CHURCHES

### CONTRACT AWARDED

**TUCSON, Arizona.**—H. J. McKean, Sait Lake City, awarded the contract for erection of a recreational hall and chapel adjoining campus of the University of Arizona, Tucson, for the Church of Jesus Christ of Latter-Day Saints. Cost, \$75,000.

### PREPARING PRELIMINARY PLANS

**LOS ANGELES, Calif.**—Architect H. O. Sexsmith, 6636 Hollywood Blvd., is preparing preliminary plans for a three-story, class B steel frame modern type church and educational building (125x150 ft.), to be built in West Los Angeles for the University Bible Center, Inc.

## 4.—FACTORIES & WAREHOUSES

### PLANS COMPLETED

**VERNON, Los Angeles Co., Calif.**—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, will start work at once on the erection of a steel frame warehouse building, 112,320 sq. ft. in area, at 5120 Soto St., Vernon, for the Owens-Illinois-Pacific Cement Co. Cost, \$40,000. Contract for structural steel awarded Logalis Iron Works.

### PLANS BEING FIGURED

**LOS ANGELES, Cal.**—Until May 11, 10 A. M., Architect A. C. Martin, 233 Higgins Bldg., is taking bids for a Class A warehouse and office building to be erected on Vignes St. between Banning and Turner Streets, for the General Electric Co. It will be a three-story and basement reinforced concrete structure, 215x161 ft., and will cost approximately \$400,000.

Following have been invited to bid: P. J. Walker Co., 3900 Whiteside Ave.; Lindgren & Swinerton, 605 W. Olympic Blvd.; L. E. Dixon Co., 609 S. Grand Ave.; Ford J. Twatts Co., 816 W. 5th St.; Pozzo Const. Co., 2443 Riverside Dr.; Dod E. Webb, 3601 N. Broadway; Baruch Corp., 625 South Olive; Kubach-Snyder Co., 2225 E. 37th St.; Joshua H. Marks-Charde Co., 816 W. 5th St. All work included in the general contract except electrical wiring and fixtures, for which bids will be taken by the architect in a few days.

### Contract Awarded

**WAREHOUSE** Cost, \$125,000  
**FRESNO, Fresno Co., Calif., Butler Avenue**

One-story concrete brandy storage warehouse (fermenting tanks, storage tanks, boiler room) and remodeling existing buildings.

Owner—California Products Co., Fresno

Architect—H. Rafael Lake, Mattel

Bldg., Fresno.

Contractor—Treschitt - Shields &

Fisher, Pacific Southwest Bldg., Fresno.

### Sub Contract Awarded

**DAIRY BLDG.** Cost, \$75,000

**LAUREL, San Joaquin Co., Calif.**

One-story steel frame dairy building (55x155 ft.), brick walls, wood roof construction.

Owner—Kraft-Phenix Cheese Co.

Contractor—Engineering Department of

Owner

Contractor—Cahill Brothers, 206 San-

some St., San Francisco.  
 Mill Work — Diamond Match Co., Chico.

Sub contracts awarded to date published April 5 and April 26th.

### Contract Awarded

**WAREHOUSE & SHED**

Cost, Fr., \$14,532

**OAKLAND, Alameda Co., Calif., 501**

**Fifth Street**

Reinforced concrete warehouse unit with tile walls and tar and gravel roof, on pile and reinforced concrete foundations (25 x 80 ft.), steel frame shed with corrugated culvert on piles and reinforced concrete foundations (200 x 25 ft.), and driving of piles for future shed construction.

Owner—City of Oakland (W. W. Chappell, City Clerk).

Plans prepared by City Engineering

Dept. (Walter Frickstad, City

Engineer).

Contractor—J. F. Talloch, 335 Eighth

St., Oakland; Work complete,

\$14,532; price per ft. of wood

piling, \$138.

### Bids In—Under Advertisment

**WAREHOUSE** Cost, \$25,000

**FRESNO, Fresno Co., Calif., 920 M**

**Street**

One-story brick and structural steel

warehouse and office building

addition (60-ft. frontage).

Owner—Taylorsbrook, Inc., 920 M

Street, Fresno.

Architect—W. D. Coates, Rowell

Bldg., Fresno.

Announcement shortly.

### To Be Done By Day's Work

**FOUNDRY** Cost, \$10,000

**SAN FRANCISCO, E. Phelps, 100**

**ft. N. Galvez St.**

One-story steel foundry.

Owner—Bullseye-Ajax Foundry Co.,

61 Tehama St.

Architect—Not Given.

### Plans Being Figured

**WAREHOUSE & OFFICES** Cost, \$—

**BARKSFIELD, Kern County, Calif.**

Warehouse & office building (ware-

house portion will have rein-

forced concrete walls and wood

roof construction; office portion

will be either concrete or wood

frame construction).

Owner—Republic Supply Company.

Architect—John and Donald B. Park-

inson, 808 Title Insurance Bldg.,

Los Angeles.

### CONTRACT AWARDED

**PHOENIX, Ariz.**—Clinton Camp-

bell, 90 W. Moreland St., Phoenix,

awarded contract for erecting a 2-

story and basement grapefruit stor-

age plant (138x150-ft.) on Jackson

St., Phoenix, for the Arizona Citrus

Growers. Cost, including equipment,

\$200,000.

### Roofing and Plumbing Contracts

**WAREHOUSE** Cost, \$120,000

**SACRAMENTO, Sacramento County,**

**Calif., 16th and C Streets.**

One-story warehouse building (brick

walls, frame roof, concrete floor)

Owner—California Packing Corp., 101

California St., San Francisco.

Plans prepared by Owner's Engi-

neering Department.

Contractor—H. W. Robertson, 3004 F

St., Sacramento, \$113,253.

Brick—E. A. Hunn, 917 Fifth Street,

Marvaville, \$21,750.

**Roofing**—Allyn Burr, 2417 28th St.,

San Francisco.

**Plumbing**—M. R. Carpenter, 907 Front

St., Sacramento.

**Additional Sub Contracts Awarded WAREHOUSE**—Cont. Pr., \$143,980  
**EMERYVILLE, Alameda Co., Calif.**  
 Powell St. and Bayshore Highway.

Two-story reinforced concrete warehouse and service plant (200x200 feet).

Owner—J. Catucci.  
 Lessee—Bigelow-Sanford Carpet Co. of New York.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Contractors—H. J. Christiansen Co., 1955 Webster St., Oakland, and W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda.

General contract awarded exclusive of heating and electric work for which bids will be asked at a later date.

**Metal Toilet Partitions**—Dwan & Co., 126 Post St.

**Steel Rolling Doors**—Kinnear Mfg. Co., 361 Brannan St.

**Steel Sash**—Concrete Engineering Co., Inc., 1289 Indiana St.

**Glass & Glazing**—W. P. Fuller & Co., 301 Mission St.

**Plumbing**—The Scott Co., 113 10th St., Oakland.

**Sprinklers**—George M. Robinson Co., 451 Folom St.

**Elevators**—Otis Elevator Co., 1 Beach St.

**Tile Partitions**—Herschel & Reinecke, 830 E. 11th St., Oakland.

**Lumber**—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.

As previously reported: Structural Steel, Bethlehem Steel Co., 2308 Webster St., Oakland; Reinforcing Steel, McGrath Steel Co., 354 Hobart St., Oakland; Lumber, E. K. Wood Lumber Co., Frederick and King Streets, Oakland; Pipes, Raymond Concrete Pipe Co., 333 Montgomery St., San Francisco.

**5—FLATS**

Sub Bids Wanted  
**ALTER FLATS** Cost, \$5,000  
**SAN FRANCISCO.** 2413 Washington Street.

Alter flats.  
 Owner—Name Withheld.  
 Mgr. of Construction—Cyril Doane, 760 Russ Bldg.

Sub bids are now being received by appointment (Garfield 8786) by Mr. Doane, on plumbing, heating, lumber, lighting fixtures, electric wiring, hardwood floors.

**Completing Plans**  
**FLAT** Cost, \$14,000  
**SAN FRANCISCO.** Vallejo & Leavenworth Streets.

Two-story and basement frame and stucco flat building.

Owner—Withheld.  
 Mgr. of Construction—Cyril Doane, 760 Russ Bldg.  
 Upon the completion of plans Mr. Doane will take segregated bids.

**Contract Awarded**  
**FLATS** \$5000  
**SAN FRANCISCO.** E. 17th Avenue, 440 ft. N. of Taraval St.

Two-story frame flat building.  
 Owner—H. Stich, 1153 Taraval St.  
 Architect—R. R. Irvine, 2048 Market St.

Contractor—M. E. Vukcevic, 666 Mission St.

**7—FEDERAL BUILDINGS**

**BIDS WANTED**  
**COMPTON, Los Angeles Co., Calif.**  
 —Until June 2nd, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Compton.

**Contract Awarded**  
**ADDITION** Cont. Pr., \$206,300

**SACRAMENTO, Sacramento County, Calif., U. S. Post Office, Court-house, Etc.**

Two-story reinforced concrete top addition (20,000 sq. ft.) to U. S. Post Office, Courthouse, Etc.

Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.  
 Contractor—K. E. Parker Co., 135 South Park, San Francisco.  
 Complete bids published Apr. 26.

**BIDS WANTED**  
**FORT MASON**—Until May 13, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-37-100, for repairs to floors at 28 door openings on Pier Shed No. 3, Fort Mason.

Specifications obtainable from the above office.

**BIDS OPENED**  
**TURLOCK, Stanislaus Co., Calif.—Robbins Mfg. Co., Chicago, Ill., at \$374, submitted low bid to the Procurement Division, Washington, D. C., for furnishing and installing insect screens in the U. S. Post Office at Turlock.**

Bids follow:  
 Robbins Mfg. Co. \$374  
 Ceco Weatherstrip Products 440  
 Chamberlin Weatherstrip Co. 489

**BIDS OPENED**  
**SAN DIEGO, Calif.—Aqua System, Inc., New York City, at \$8,959, submitted low bids to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for gasoline fueling system at the U. S. Coast Guard at San Diego.**  
 Bennett & Taylor, Los Angeles, submitted second low bid at \$9,213.

**BIDS WANTED**  
**SAN FRANCISCO**—Until May 26, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for communicating and buzzer system in the U. S. Federal Office Building at San Francisco.

Specifications and drawings (if any) may be obtained from the above office.

**CONTRACT AWARDED**  
**VAN NUYS, Los Angeles Co., Cal.**  
 —Ceco Weather Strip & Screen Products, Chicago, Ill., at \$495, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Van Nuys.

**PLANS PREPARED**  
**SAN DIEGO Cal**—Bureau of Yards and Docks will probably call for bids this month for a barracks building and a mess hall galley to be built at the Naval Air Station, North Island, San Diego, at an estimated cost of \$725,000. The buildings will cost about \$300,000 each and equipment an additional \$225,000. Plans have already been prepared.

**BIDS WANTED**  
**WALLA WALLA, Wash**—Until June 15, 1:30 P. M., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for construction of the Veterans' Administration Facility, Walla Walla, Laundry Bldg No. 66, containing approx. 105,000 cubic feet Est. cost, \$34,000.

Work will include excavating, reinforced concrete, hollow concrete units, hollow building tile, brick work, cut stone, waterproofing, steel and iron work, steel stairs, steel partitions, steel sash, built-up roofing, roof ventilators, metal lathing, plastering, carpentry, insulation, in-

sect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, etc.

Drawings and specifications may be obtained from the Construction Service, Room 764, Arlington Bldg., Washington, D. C. or from the Supervising Superintendent of Const., Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**BIDS OPENED**  
**PHOENIX, Ariz.**—Lewis Broa., Phoenix, Arizona, at \$1,742, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for changes in partitions and letter drops in the U. S. Post Office, etc., at Phoenix.

Henry L. Grohne, Decatur, Ill., at \$1,340, submitted second low bid.

**BIDS WANTED**  
**MARSHFIELD, Oregon**—Until June 8, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for handrails at entrance of the U. S. Post Office at Marshfield. Specifications may be obtained from the above office and from the Custodian of the Building at Marshfield.

**BIDS OPENED**  
**SANTA CLARA, Santa Clara Co., Cal.**—C. W. Lynds, 1386 Park Ave., San Jose, \$345, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster in the U. S. post office building at Santa Clara.

Complete bids follow:  
 C. W. Lynds, San Jose \$345  
 Stanley Ames, Burlingame \$388  
 Neuman Brothers, McMinneville, Oregon 423  
 J. G. Exley, S. F. 450  
 Raphael Co., San Francisco 462  
 A. M. Gelden, Chicago 494  
 J. Venegas, Santa Clara 913

**BIDS WANTED**  
**OAKLAND, Ala. Co., Calif.**—Until May 17, 10:30 A. M., bids will be received in the Section of Space Control, Procurement Division, Treasury Department, Washington, D. C., for the purchase of the old Post Office site bounded by Broadway, 17th and Franklin Sts., Oakland

**CONTRACT AWARDED**  
**MONTESANO, Washington**—Apex Painting & Decorating Co., Seattle, Washington, at \$375, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Post Office at Montesano.

**BIDS WANTED**  
**LONG BEACH, Los Angeles Co., Calif.**—Until May 11, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8422, for gasoline storage at the 11th Naval District (Naval Reserve Aviation Base, Municipal Flying Field), Long Beach.

The work consists in general of a steel frame building, with corrugated steel siding and roof and dispensing equipment. The underground storage and dispensing equipment will include two steel tanks of 10,000 gallons capacity each; a 2-inch positive displacement pump of not less than 90 g.p.m. capacity, operated with a direct-connected electric motor, gasoline meter, gasoline piping, electric services, and miscellaneous appurtenances, as required for complete unit.

Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS OPENED**

VENTURA, Calif.—Peterson Bros., Ingleswood, at \$2,125, submitted low bid to the Procurement Division, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at Ventura.

Muellermist Irrigation Co., Oak Park, Ill., at \$2,579 submitted second low bid.

**CONTRACT AWARDED**

SAN PEDRO, Los Angeles Co., Calif.—Charles R. Carl, Los Angeles, at \$3,800, awarded contract by the Procurement Division, Washington, D. C., for painting plaster at the U. S. Post Office and Court House, San Pedro.

**LOW BIDDERS**

TECATE, San Diego Co., Calif.—Newman Bros., McMinnville, Oregon, at \$487, submitted low bid to the Procurement Division, Washington, D. C., for painting plaster, etc., in the U. S. Inspection Station at Tecate.

H. J. McKinley, Beverly Hills, California, at \$1,150, submitted second low bid.

**BID CALL CANCELLED**

RIVERSIDE, Calif.—Bids for elevators and dumbwaiters f.o.b. Riverside Co. Hospital, were returned unopened by the U. S. Treasury Department, Los Angeles, April 29, and the work cancelled. Invt. No. 24,359.

**MATERIALS APPROVED**

SAN FRANCISCO.—Treasury Department has approved the following building material and equipment awards for the construction of the miscellaneous repairs and alterations in the San Francisco post office and court house. Louis C. Dunn, general contractor; Brass pipe, Chase Brass & Copper Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; nonconducting covering for heating, Plant Rubber & Asbestos Works; glassware, Macbeth-Evans Company.

**BIDS WANTED**

CORVADO, Alaska.—Until June 13 P. M., bids will be received by the U. S. Engineer Office, 754 Central Bldg., Seattle, for constructing two rock-mound breakwaters and dredging about 216,000 cu. yd. of material for a small boat basin at Cordova.

Specifications obtainable from the above office.

**MATERIALS APPROVED**

SAN FRANCISCO.—Treasury Department has approved the following building material and equipment awards for the construction of revisions to the Federal Office Bldg., San Francisco. Anderson & Rowe, general contractors; Fans, Durron Co.; exhaust fan, B. F. Sturtevant Co.; high silicon acid-resisting iron, Durro Co.; hood, exhaust duct material, Carnegie - Illinois Steel Co.; copper bearing duct materials, Columbia Steel Corp.; circuit breakers on main switchboard, ITE Circuit Breaker Co.; feeder panel, Safety Switchboard & Mfg. Co., with Bulldog Elec. Prod. Co. switch units.

**BIDS OPENED**

SAN FRANCISCO.—Art Metal Construction Co., Washington, D. C., at \$920, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal shelving, etc., in the U. S. Mint at San Francisco.

**Contracts Awarded**

OFFICE, ETC. Cost, \$30,000. AFFLANT, Fresno Co., Calif., 22 miles north of Fresno. (Government Camp at Friant Dam, Central Valley Project.) Office building, two dormitories, 2

6-room residences, five 5-room residences, ten 4-room residences and ten 2-room residences. All buildings will be of wood frame construction. The office building will be 34x83-1/2-ft. with an open porch about 7-ft. wide at the front and both ends. Dormitories will be two-story buildings, each 43-1/2x58-1/2-ft., including the screened porch 8-ft. in width on the sides of the building. Outside walls of buildings and residences will be covered with building board. Roofs will be covered with mineral-surfaced, asphalt prepared shingles over the roof hoarding. Inside walls and ceilings, except in the toilet and shower rooms, of office buildings and dormitories will be covered with gypsum wallboard, and interior walls and ceilings in residences will be covered with building board. All floors will be 1-1/4-in. fir flooring, and, except in the office building will be single floors. A concrete basement will be constructed under one corner of the office building. The other buildings and residences will have no basements. Spec. No. 707.

Owner—U. S. Govt., Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., 7th and K Sts., Sacramento); A. M. Torpen, Friant Division Engineer).

Office and Dormitories—Guy E. Hall 5348 Dean Ave., Los Angeles; Sch. 1, office building, \$8,139; Sch. 2, two dormitories, \$35,882.

Residences—W. J. Ocha, Helm Bldg., Fresno. Sch. 3, three 6-room, ten 4-room, and ten 2-room residences, \$50,411.

**LOW BIDDERS**

RENO, Nev.—K. E. Parker Co., 135 South Park, San Francisco, at \$204,970, submitted low bid to the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for general construction of hospital bldg. No. 1, in Reno.

Separate bids were received for general construction (including the plumbing, heating and electrical work) and electric elevators.

Low bidders follow:

General Construction	
K. E. Parker Co., S. F.	\$204,970
Schuler and McDonald, Inc., Oakland	210,740
Trewhitt - Shields & Fisher, Fresno	214,000
Electric Elevators	\$7,487
Otis Elevator Co.	7,900
L. F. Dow Company	7,900

**Low Bidders**

POST OFFICE Cost, \$6,000. VACAVILLE, Solano Co., Calif. New United States post office. Owner—United States Government. Plans by the Supervising Architect of Treasury Department, Washington, D. C.

Low Bidder—K. E. Parker Co., 135 South Park, San Francisco, \$67,760.

The three low bidders follow:  
K. E. Parker Co., S. F. \$67,760  
Lundberg-Richter Co., Virginia 68,000  
A. Nelson, Inc., S. F. 71,989

**BIDS REJECTED—NEW BIDS WANTED**

DENVER, Colo.—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids submitted March 17, for wrought iron grilles and wire mesh screens in the U. S. Mint at Denver, and is now receiving new bids until June 2. At the previous bid opening, Alvin Strutz, Jr., Denver, at \$2,400 submitted the low bid.

**SUB BIDS WANTED**

LIVERMORE, Alameda Co., Calif.—Frank J. Reilly Company, 6350 Fulton St., San Francisco, is figuring plans and desires sub bids on all portions of the work for the construction of the Infirmary Ward Building and Connecting Corridor, at the Veterans' Administration Facility, Livermore, for which bids will be opened May 11, 1:30 p.m.

**BID OPENED**

EUREKA & DEL NORTE COS., Calif.—American Electric Construction Company, 22 Bryant St., San Francisco, at \$1,498, submitted only bid to the Public Works Officer, U. S. Navy Yard, Mare Island, for repairs to station wiring including conduit wiring, replacement of switches, receptacles and fixtures at the U. S. Naval Radio Stations, Table Bluff (Eureka) and Point Saint George (Crescent City), Calif. Spec. No. 8421.

Bid forwarded to Bureau of Yards and Docks, Washington, D. C.

**BID OPENED**

PORTLAND, Oregon.—Otis Elevator Company, Washington, D. C., at \$14,208, A. I. add \$485, Alt. 1 add \$1,849, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for elevator and remodeling at the U. S. Post Office at Portland.

**8— CLUB BUILDINGS**

Additional Sub Contracts Awarded MASONIC TEMPLE Cost, \$200,000 FRESNO, Fresno Co., Calif. Stanislaus and L. Streets.

Two-story reinforced concrete Masonic Temple building (concrete and stucco exterior, reinforced concrete frame, metal and wood lath, gas and steam heat, composition roofing, hardwood and acoustical plaster, hardwood interior trim, steel sash, wood block floors, linoleum floor covering, the wainscot in floors, basement for furnace only).

Owner—Ancient and Accepted Scottish Rite of Freemasonry. Architect—Frederick L. Swartz, Brix Bldg., and W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 520 Market St., San Francisco. Mechanical Engineer—G. M. Simonson, 74 New Montgomery Street, San Francisco.

Electrical Engineer—Carl Wolf, Power Bldg., Fresno.

Contractor—Fisher & McNulty, 327 Cory Bldg., Fresno—\$128,877.

Mechanical—Frank Hudson, 2141 S. Van Ness Ave., P.O. Box 254, Fresno—\$28,665.

Electrical—Electric Construction Co., P.O. Box 638, Fresno—\$16,000.

Concrete Work—J. A. Silver, 3053 E. Monte Way, Fresno.

Rubber & Sand—Grant Service Rock Co., Coalinga, Calif.

Lumber & Hardware—Valley Lumber Co., H and Mono Sts., Fresno.

Granite—Doyle Bros., 1325 Broadway, Fresno.

Clay Products—Craycroft Brick Co., Belmont and Lafayette Streets, Fresno.

Valley Door—Gundelfinger & Myers, Inc., 2019 Kern St., Fresno.

Steel Sash—Kyle & Co., 346 G St., Fresno.

Painting & Decorating—Schutz Paint Co., 190 E. Fresno, Fresno.

Glass & Glazing—W. W. Fuller & Co., Los Angeles and M Sts., Fresno.

Lathing & Plastering—M. E. Summers, Rt. 1, Box 329, Fresno.

Insulation—Valley Home Insulation Co., 614 N. Fulton St., Fresno.

As previously reported, excavating and concrete awarded Grant-Service

Ruck Co., Consolidated; Millwork, Fresno, Fresno Mill, H and Monterey, Fresno; Structural and Reinforcing Steel and Ornamental Iron, Kyle & Co., 346 G St., Fresno; Plastering, M. E. Summers, Rt. 1, Box 329, Fresno; Sheet Metal, Barrett-Hicks Co., 1027 Broadway, Fresno.

**Preparing Preliminary Plans**  
**REMODEL BUILDING** Cost, \$.....  
**SAN FRANCISCO.** McAllister St., bet. Van Ness Ave. and Polk St. Remodel building for museum and art gallery and future clubrooms and dining room.  
 Owner—Society of California Pioneers, care Architect.  
 Architect—John H. Ahnden, 822 39th Avenue.

## 9—HOSPITALS

**Preparing Working Drawings**  
**ALTTERRATIONS & ADDITIONS**  
 Estimated Cost, \$4,000  
**MARYSVILLE.** Yuba Co., Calif., 4th and H Streets.  
 Alterations and additions to Superintendent's quarters.  
 Owner—Rideout Memorial Hospital. Architect—Martin A. Sheldon, Mo-nadnock Bldg., San Francisco.

**COTTAGE** Cost, \$.....  
**MARYSVILLE.** Yuba Co., Calif., 4th and H Streets.  
 Construction of a cottage at Rideout Memorial Hospital.  
 Owner—Rideout Memorial Hospital. Architect—Martin A. Sheldon, Mo-nadnock Bldg., San Francisco.  
 Contractor—W. R. Burroughs, Marysville.

Contract awarded on a cost-plus basis at \$2,817.05, plus a fixed fee of \$281.70.

**Preparing Working Drawings**  
**HOSPITAL ADDITION**

**DEEDY.** Fresno Co., Calif. Cost, \$25,000  
 One-story and basement addition to existing hospital (22 beds in private rooms and wards, operating quarters, dining rooms, etc.).  
 Owner—Dr. Wiebe and Dr. Gaede. Architect—Russell G. de Lappe, 5995 Oakland Ave., Oakland, and David H. Horn, 433 Rowell Bldg., Fresno, Associate Architects.

Plans will be completed and general bids asked in about three weeks. Bids will be received in the office of Architect David H. Horn.

## 10—HOTELS

**Segregated Figures Being Taken**  
**REMODEL HOTEL** Cost, \$.....  
**SAN FRANCISCO.** 1430 Larkin St. Install bar and cocktail lounge in hotel.  
 Owner—E. Pisani. Architect—V. G. Raney, 233 Post St.

**Planned**  
**ADDITION TO OFFICE BLDG**

Cost, \$.....  
**SAN FRANCISCO.** SE Market and Second Sts., Balboa Bldg.  
 Seven-story addition to present ten-story class A office bldg., and ten-story annex; complete renovation of present structure, sound-proofing, air conditioning, new elevators, etc.  
 Owner—Eugene N. Fritz. Architect—Douglas D. Stone, 351 Bush Street.

## 12—POWER PLANTS

**CONTRACTS AWARDED**  
**SEATTLE.** Wash.—A. S. Schulman Electric Co., Chicago, at \$1,124,297, awarded contract by the Seattle Bd. of Public Works for furnishing 11,000,000 lbs. of galvanized fabricated,

structural steel and constructing 560 towers along a 116-mile line from Newhalem to the south substation at Fourth Ave. S. and Spokane St., according to plans by the contractor, Westinghouse Elec. & Mfg. Co., at \$61,172, awarded contract for furnishing 4 KV metal-enclosed switchgear for the south substation.

**BID OPENING POSTPONED**  
**HICKAM FIELD.** T. H.—Until May 15, date postponed from May 11, bids will be received by the Constructing Quartermaster, Fort Mason, until 1:30 p.m., P.S.T., and by the Purchasing & Contracting Officer, Hickam Field, T. H., until 11 a.m., H.S.T., under Bid No. W 397-37-15 for the construction and completion of the electric distribution system at Hickam Field.

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

**Bids Wanted — To Close May 24, 10 A. M.**

**FURNITURE & EQUIPMENT**  
 Cost, \$.....  
**SALINAS.** Monterey Co., Calif. New Court House.  
 Furniture and equipment (desks, chairs, counters, etc.) for New County Court house.  
 Owner—County of Monterey (C. F. Joy, Clerk, Court House, Salinas. Architect—Robert Stanton, Del Monte Hotel, Del Monte).  
 Plans and specifications obtainable from the office of County Clerk C. F. Joy.

**Proposal Carried**  
**CITY HALL** Cost, \$60,000

**SANTA CRUZ.** Santa Cruz Co., Cal. Church and Locust Streets.  
 One- and two-story reinforced concrete City Hall (second and third stories, to house offices of city engineer, building and plumbing inspectors, council chamber, and police court & committee chambers).  
 Owner—City of Santa Cruz (C. D. Hunkle, Mayor).  
 Architect—C. J. Ryland, Box 790, Monterey.

A proposal to transfer \$75,000 from Water Department funds to complete construction of the city hall (first unit of which is now under construction), carried at a special election May 4. The City Council has abandoned an application filed with the PWA for a grant of \$56,000 and loan of \$9,000, as the government demands bonds as security for repayment of a loan.

**BIDS WANTED**  
**SAN FRANCISCO**—Until May 12, 1:30 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for installing cork floor in payroll division of the Controller's Office, City Hall.  
 Additional information may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

**BIDS WANTED**  
**SAN FRANCISCO**—Until May 19, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for alterations in Controller's Office and Tax Collector's Office, City Hall. Estimated cost, \$12,000.  
 Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall, upon deposit of \$10.

**CONTRACT AWARDED**  
**SAN FRANCISCO.** Cal.—American Building Maintenance Co., 467 O'Farrell St., at \$300, awarded contract by the Department of Public Works,

City Hall, for cleaning entire brick and terra cotta exterior of the McCreey Branch Library on 16th St., between Sanchez and Noe Streets.

**Contract Awarded** April 30, 1937.

**ADDITION** Cont. Pr., \$7,547  
**COALINGA.** Fresno Co., Calif. Addition to Library Bldg. (brick).  
 Owner—Coalinga Free Public Library (T. H. Robinson, Clerk, Board of Trustees, High School Building).  
 Architect—W. D. Coates, 626 Rowell Bldg., Fresno.  
 Contractor—Midstate Constr. Co., 245 Clinton Ave., Fresno.  
 Complete bids will be published shortly.

**Planned**  
**JAIL** Cost, \$75,000  
**FRESNO.** Fresno Co., Calif.

New one-story county jail building, with provision for addition of two stories at a later date (first unit to accommodate 100).

Owner—County of Fresno. Architect—Allied Architects of Fresno—W. D. Coates, Jr., 623 Rowell Bldg., and H. Rafael Lake, Helm Bldg., supervising architects (W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz, and E. O. Petersen).

A proposal to issue \$450,000 in bonds to finance construction of a four-story jail and county office building was defeated at a special election April 12. Present plans call for construction on a unit basis and Supervising Architect H. Rafael Lake has estimated cost of construction of the shell of the building at \$25,000, and of jail equipment at \$50,000.

**Complete Bid Listing**  
**ADDITION** Cont. Pr., \$7,547

**COALINGA.** Fresno Co., Calif. Addition to Library Bldg. (brick).  
 Owner—Coalinga Free Public Library (T. H. Robinson, Clerk, Board of Trustees, High School Building).  
 Architect—W. D. Coates, 626 Rowell Bldg., Fresno.  
 Contractor—Midstate Constr. Co., 245 Clinton Ave., Fresno.

Complete bids, follow:  
 Midstate Constr. Co., Fresno, \$7,547  
 T. C. & W. H. Irwin, Fresno, 7,692  
 R. Pedersen, Fresno, 7,995  
 Harris Constr. Co., Fresno, 8,125  
 L. H. Hansen & Son, Fresno, 9,850

**Correction In Estimated Cost**  
**STATE LIBRARY**

Estimated Cost, \$1,000,000  
**SALEM.** Marion County, Oregon. New state library.  
 Owner—State of Oregon.

Architect—Noel Glenn.  
 PWA grant of \$450,000 allotted to State of Oregon, state has already appropriated additional \$50,000.

**BIDS WANTED**  
**LONG BEACH.** Calif.—Until May 14, 10 a.m. (opening date postponed from May 7), bids will be received by the Long Beach city manager, 204 City Hall, Long Beach, for completion of the Veterans' Memorial building.

Plans and specifications may be obtained at the office of the City Engineer-Director of Public Service upon deposit of \$10. Bids will be taken as follows: (1) work complete; (2) all work except heating, ventilating, electrical work and elevator; (3) heating and ventilating; (4) electrical work; (5) contractor. George Kahrs, architect; J. H. Davies, structural engineer.

**CONTRACTS AWARDED**  
**LOS ANGELES.** Cal.—H. H. Robinson, 438 Chamber of Commerce Bldg., Los Angeles, awarded contract by the Los Angeles harbor de-

partment at \$72,000, for machine shop, Harry F. Miller, 7530 S. Harbor, at \$65,392, for testing laboratory facilities to be built at Berth 161, Los Angeles Harbor; PWA Duckett No. 1206, Unit 6. Work includes a 1-story, steel frame and concrete machine shop building and testing laboratory facilities comprising a two-story, concrete building and a frame and stucco garage.

The bids follow:  
H. B. Nicholas: (1) machine shop, \$72,000; (2) laboratory, \$73,000; (3) total, \$139,800.  
Harry F. Miller, (1) \$71,420; (2) \$65,392; (3) \$139,812.

**Planned**  
JAIL ADDN. Cost, \$12,000  
MADEIRA, Madera Co., Calif.

Reinforced concrete wing addition to connect with existing building by 20-ft. court; remodel front of existing bldg.; new office rooms; women's ward on second floor of new wing; basement to house kitchen, laundry, and equipment. Owner—County of Madera. Architect—Not Given.

**Bids Wanted — To Close May 21, 3:00 P. M.**

**PAVILION BUILDINGS**  
YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Four frame pavilion buildings enclosing the Central Court; buildings by 20-ft. court; remodel front of existing bldg.; new office rooms; women's ward on second floor of new wing; basement to house kitchen, laundry, and equipment. Owner—County of Madera. Architect—Not Given.

**Owner—San Francisco Bay Exposition, Inc. (Leiland W. Cutler, President), 585 Bush St. Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.**

Bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Exposition Contract No. 16, until May 21, 3:00 p.m.

Plans and specifications may be obtained from Room 305, 425 Mason Street, Engineer, L. T. McAfee, upon deposit of \$20.

**Contract Awarded**  
REEROOFING Cost, Price, \$11,299

STOCKTON, San Joaquin Co., Calif. Re-roof main exhibit building at the County Fair Grounds (building approximately 100x300 ft.) built-up asbestos roofing to be used. Owner—County of San Joaquin (Eugene D. Graham, Clerk).

Architect—Eric W. Johnson, 203 Exchange Bldg., 142 N. California St., Stockton.

Contractor—John Hachman, P.O. Box 206, Stockton.

**Architect Retained**  
COURTHOUSE Est. Cost, \$280,000

ALBANY, Linn Co., Oregon. Four-story Class A reinforced concrete courthouse building (140x80 ft.).

Owner—County of Linn. Architect—Tourtellotte & Phillips, Portland.

Application has been made for a PWA grant.

**Bonds Defeated**  
AUDITORIUM Cost, \$80,000

SANTA CRUZ, Santa Cruz Co., Cal. Church and Locust Streets.

One-story and balcony, structural steel and reinforced concrete auditorium (16,000 sq ft.), main hall to seat 1600, balcony to seat 700, stage, dressing rooms, six committee rooms, etc.

Owner—City of Santa Cruz. Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

A proposal for \$150,000, in bonds to finance construction, was defeated at a special election May 4.

## 14—RESIDENCES

**Preparing Working Drawings**  
RESIDENCE Cost, \$8,500

SAN FRANCISCO, Calif. Francisco Heights.

Two-story and basement frame and stucco residence, asbestos shingle or slate roof, hardwood floors, tile baths, etc.

Owner—Name Withheld. Architect—Albert H. Larsen, 323 Kearny St.

**Plans Being Figured—Bids Close**  
May 18.

RESIDENCE Cost, \$100,000

OAKLAND, Alameda Co., Calif. 1500 34th Avenue.

Two-story reinforced concrete residence and garage (40 bedrooms, work rooms, storeroom, kitchen, parlors, offices, etc.) tile roof, inoleum floors, lured and plaster exterior walls, etc.

Owner—The Franciscan Fathers' Residence. Architect—John J. Donovan, 950 Parlier St., Berkeley.

Bids will be received from the following list of contractors:  
Miller Const. Co., 3917 Mission St., San Francisco.

Jas. J. McLaughlin Co., 251 Kearny St., San Francisco.

Indwilder Const. Co., Inc., 210 Crocker Bldg., San Francisco.

K. E. Parker, 135 South Park, San Francisco.

A. Green & Ringrose, 320 Market, San Francisco.

N. H. Sjoberg, 5604 E 16th Street, Oakland.

Schuler & McDonald, 1719 16th St., Oakland.

Lindgren & Swinerton, 1723 Webster St., Oakland.

**To Ask Figures**  
RESIDENCE Cost, \$.....

PIEDMONT, Alameda Co., Calif. Wildwood Avenue.

Two-story frame residence, hardwood floors, tile baths, etc.

Owner—H. I. Dunn, care Architect. Architect—Clarence W. Mayhew, 6026 Accacia St., Oakland.

Plans will be sent out to a selected list of contractors on Friday.

**Plans Completed**  
RESIDENCE Cost, \$4,000

EAST OAKLAND, Alameda County, Calif. 74th Ave., near Hillside Street.

One-story frame and wood siding residence (5 rooms), shake roof, gas fired hot air heating system, hardwood floors, tile bath, etc.

Owner & Builder—Frank Corso, 6005 E. 11th St. Architect—A. R. Denke, 1429 Broadway.

**Contract Awarded**  
RESIDENCES Cost, \$7,500

OAKLAND, Ala. Co., Calif. 6035 Ascot Drive.

Two-story frame and stucco residence (six rooms).

Owner—Dr. Carl G. Narheim, 491 Crescent St. Architect—Not Given.

Contractor—H. E. Williams, 839 Creed Road.

**Plans & Specifications Completed**  
RESIDENCE Cost, \$11,500

SAN FRANCISCO Monterey Hgts. Two-story modern frame and stucco residence (7 rooms, 3 bns, acrylece porch), circular stair case, small roof deck, 2-car garage; strip shingle roof, inoleum baths with chrome trim, plaster interior walls over insulation lat.

Owner & Builder—Home Bldg. Service Co., 101 Post St., San Francisco.

Architect—Mark Daniels, 101 Post St., San Francisco.

(3062) 1st report Apr. 21. 14

**Contract Awarded**  
RESIDENCE Cost, \$15,000

PALO ALTO, Santa Clara Co., Cal. 1745 Fulton Street.

One-story frame and stucco residence.

Owner—H. E. Cole, 804 Lincoln Ave., Palo Alto.

Architect—Rand I. Stringham, 525 Market St., San Francisco.

Contractor—C. W. Kemper, 125 Bryant St., Palo Alto. 14

**Plans Being Figured**  
MOTOR COURT Cost, \$.....

BAKERFIELD, Kern Co., Calif. Twenty-unit motor court (frame and stucco, tile roofing, cement floors tile showers, etc.)

Owner—Name Withheld. Architect—Alber H. Larsen, 333 Kearney St. 14

**Plans Being Figured**  
MOTOR COURT Cost, \$.....

BAKERFIELD, Kern Co., Calif. Twenty-unit motor court (frame and stucco, tile roofing, cement floors tile showers, etc.)

Owner—Name Withheld. Architect—Kenneth S. Wing, 501 Termino Ave., Long Beach. 14

**Preliminary Sketches Approved**  
RESIDENCE Cost, \$.....

CARMEN, Monterey Co., Calif. Hatton Field.

One-story frame residence (6 rooms), wood sash, hardwood floors in living room, hot air furnace, 2-car garage, etc.

Owner—Mr. and Mrs. Muscutt. Architect—Milton Latham, Carmel.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$5,000

SAN FRANCISCO Bayshore Dist. One-story frame and stucco residence (five rooms) wood sash, hardwood floors, tile bath, gas fired heating system, etc.

Owner—Withheld. Architect—Albert H. Larsen, 333 Kearny Street.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$7,800

STOCKTON, San Joaquin Co., Calif. One-story frame and stucco residence (6 rooms, 2 baths), tile floors and base in baths, steel sash, shingle roof, stucco exterior, floor furnace, hardwood plank floors, etc.

Owner—Fred Seely. Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Contractor—C. E. Totten, P.O. Box 833, Stockton.

**Electric Wiring—Home Wiring Co.**  
322 E. Washington St.

**Heating & Sheet Metal—Fraser Furnace Co.**  
445 S. San Joaquin St.

**Tile Work—Stockton Tile Co.**  
523 E. Channel St.

**Hardwood Floors—McLean Hardwood Floor Co.**  
37 S. Sutter St.

**Lumber—Diamond Match Co.**  
Fremont and Stockton Sts.

**Mill Work—Alpine Mill & Sfg. Co.**  
3411 N. Sutter St.

**Preparing Working Drawings**  
RESIDENCE Cost, \$8,500

SAN FRANCISCO Forest Hill. One-story and basement frame and stucco residence (6 rooms) as-

bestos shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—A. H. Larsen, 333 Kearny.  
 Plans will be completed and general figures asked in about 1 week.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$2,500-\$3,000 ea.  
**VALLEJO**, Solano Co., Calif.  
 One hundred 4- and 5-rm. residences  
 Owner and Builder—Jack Sherwood,  
 15 Main St., Vallejo.  
 Architect—Not Given.

**Plans Being Figured — Bids Close**  
**May 14**  
**RESIDENCE** Cost, \$.....  
**ALAMEDA CO.**, Calif. Near Pleasanton.  
 One-story frame ranch house (seven rooms, 2 baths), shingle roof, hardwood floors, tile baths, oil burning heating system, etc.  
 Owner—Raymond Brown.  
 Architect—Higins & Root (Chester Root, architect) Security Bldg., San Jose.

Bids are being received from a selected list of contractors.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$9,000  
**SAN FRANCISCO**, 2721 Pacific Ave. Alter residence.  
 Owner—George Mendell.  
 Architect—Hervey P. Clark, 210 Post St.

**Contractor—Jacks & Irvine**, 620 Market St.

**Plans Being Figured — Bids Close**  
**May 18**  
**RESIDENCE** Cost, \$100,000  
**OAKLAND**, Alameda Co., Calif. 1500 34th Ave.

Two-story reinforced concrete residence and garage (40 bedrooms, work rooms, storerooms, kitchen, parlors, offices, etc.), tile roof, linoleum floors, furred and plaster exterior walls, etc.  
 Owner—The Franciscan Fathers' Residence.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Bids are being received from a selected list of contractors.  
 Miller Constr. Co., 3917 Mission St., San Francisco, desires sub bids on all portions of the work before May 17.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
**ORINDA**, Alameda Co., Calif.  
 One - story frame and stucco residence (5 rooms, 2 baths), shingle roof, wood sash, oil burning heating system, hardwood floors, tile baths, etc.  
 Owner—Captain Cleborne, care Architect.

Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.  
 Contractor—Randolph F. Parks, 2104 Addison St., Berkeley.  
**Roofing**—Frank Primrose, 709 45th St.

**Plumbing**—J. A. Fazio, 402 Castro St.  
**Electric Wiring**—D. J. Collins.  
**Brick & Stone Work**—Collins & Jensen, 610 36th Ave.

**Foundations & Concrete**—Ensor H. Buel, 5540 Grove St., 2nd & Alice Sts.  
**Lumber**—Hogan Lumber Co., 2nd & Alice Sts.  
**Linoleum**—Superior Tile Co., 3743 Broadway.  
 All of Oakland.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**SANTA ROSA**, Sonoma Co., Calif.  
 One - story frame and stucco residence; hardwood floors, tile baths, etc.  
 Owner—F. McHugh.  
 Architect—John Easterly, Healds-

burg and Santa Rosa.  
 Low Bidder—C. L. Personett, 731 Santa Rosa Ave.—\$4,866.  
 Complete bids follow:  
 C. L. Personett ..... \$4,866  
 Carl Sullivan ..... 5,110  
 R. S. Knight ..... 5,369

**New Bids Wanted — To Close May 12 Noon**

**RESIDENCE** Cost, \$.....  
**OAKLAND**, Alameda Co., Calif. Sequoia Hills.  
 Two - story frame and stucco residence (7 rooms), wood shake roof, hardwood floors, tile baths, etc.  
 Owner—W. G. Gerend.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.  
 Plans are being figured by the following list of contractors:

F. C. Stolte Co., 1405 San Antonio Ave., Alameda.  
 C. M. Teiglund, 3668 Dolores Ave., Oakland.  
 Henry W. Arnold, 816 Oak Street, Alameda.  
 Victor Sigge, 3912 Linwood Ave., Oakland.  
 Olaf Petersen, 3626 Rhoda Ave., Oakland.  
 F. M. Benet, 3512 17th St., Oakland.

Previous bills were scheduled to open April 27; however, plans were called in for revisions.

**Plans Being Figured—Bids Close**  
**May 10, 12 Noon**

**RESIDENCE** Est. Cost \$17,000  
**SAN FRANCISCO** Marina Blvd.  
 Two-story and basement frame residence (10 rooms, 4 baths) brick, wood and stucco exterior, asbestos shingle and composition roof oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas-fired hot air heating system.  
 Owner—Withheld.  
 Architect—Sidney A. Colton, 541 Market Street.

**Preparing Plans**  
**RESIDENCES** Cost, \$5,000 each  
**SAN CARLOS**, San Mateo Co., Calif.  
 Four frame and stucco residences (two 2-story and two 1-story), wood sash, shake roofs, central gas heating systems, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Mgr of Construction—Cyril Doane, 760 Russ Bldg., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$17,000  
**OAKLAND**, Alameda Co., Calif. 30 Beechwood Drive.  
 Two-story frame and stucco residence (10 rooms, 1244 St. Charles St., Alameda).  
 Owner—A. K. Oliver.  
 Architect—Newsom & Newsom, 1226 Russ Bldg., San Francisco.  
 Contractor—Harold Paige, 5651 Oak Grove Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,500 each  
**OAKLAND**, Alameda Co., Calif. Margartia Ave.  
 Five one-story frame and stucco residences (5 rooms).  
 Owner & Builder—David D. Bohannon, 331 17th St., Oakland.  
 Architect—Not Given.

**Plans Being Figured—**  
**Bids Close May 10, 12 Noon.**

**RESIDENCE** Est. Cost \$17,000  
**SAN FRANCISCO** Marina Blvd.  
 Two-story and basement frame residence (10 rooms, 4 baths) brick wood and stucco exterior, asbestos shingle and composition roof oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas - fired hot air heating system.  
 Owner—Withheld

Architect—Sidney A. Colton, 544 Market Street.

Plans are being figured by the following selected list of contractors:  
 William Martin, 666 Mission St.  
 Jacks & Irvine, 620 Market St.  
 Arthur J. Stahl, 1085 Monadnock Building.  
 G. P. W. Jensen & Sons, Inc., 320 Market Street.

**Plans Completed**  
**RESIDENCE** Cost, \$.....  
**HAYWARD**, Alameda Co., Calif.

One - story frame and stucco residence (five rooms) shake roof, hardwood floors, tile bath, etc.  
 Owner—L. G. Krull, 547 Kenilworth St., Hayward.  
 Architect—Not Given.  
 Owner will take figures.

**To Be Done By Day's Work.**  
**RESIDENCES** Cost, \$4,500 ea.  
**SAN FRANCISCO** Chabot and Turk Streets.

Six one-story frame and stucco residences (6 rooms) shake roof, hardwood floors, tile bath, etc.  
 Owner and Builder—Oliver M. Rous-sauer, Inc., 321 Kearny Street.  
 Architect—Wm. Gunnison, 321 Kearny Street.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND**, Alameda Co., Cal. 4355 Albert Street.  
 Two-story frame residence (6 rooms)  
 Owner—O. D. Carper, 3723 Maple Ave., Oakland.  
 Architect—Not Given.  
 Contractor—C. P. Parsons, 3839 Canon Ave., Oakland.

**To Be Done By Day's Work.**  
**RESIDENCE** Cost, \$6,500  
**BERKELEY**, Alameda Co., Cal. 770 Keeler Street.

One - story frame and stucco residence (six rooms).  
 Owner and Builder—E. Engler, 3100 College Ave., Berkeley.  
 Architect—Not Given.

**15—SCHOOLS**

**Contracts Awarded** .....  
**ADDITION** Cost, \$85,758  
**SAN FRANCISCO**, Saint Monica's School (Rev. Wm. J. Cantwell, Rector) 24th Ave. and Geary St.  
 Two-story and basement reinforced concrete and structural steel addition to St. Monica's School (61 x 91 ft.) six classrooms and assembly hall, with gymnasium in basement.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin.  
 Architect—Arnold Constable, 580 Market Street.  
 Structural Engineer—Kap Theil, 580 Market Street.  
 Mechanical Engineer—George E. Atkins, Hobart Building.

Segregated bids were taken and contracts awarded as follows:  
**General Construction**  
 Robert McCarthy, 1363 14th Ave.

**Heating**  
 Scott Co., Inc., 243 Minna Street.

**Electric Work**  
 Central Electric Co., 173 Minna St.

**Plumbing Work**  
 J. H. Pinkerton Co., 927 Howard St.  
 Total figure of contracts awarded, \$85,758.

Robert McCarthy, general contractor, awarded the following sub-contractors:

**Structural Steel**—Schradler Iron Works, Inc., 1247 Harrison St.

**Reinforcing Steel**—Gunn, Carle and Co., 20 Potrero Avenue.  
**Ornamental Iron**—Patterson & Koster Iron Works, Inc., 280 13th St.  
**Readymix Concrete**—John Cassaretto, Sixth and Channel Sts.  
**Tile**—Thos. J. Lamey, 2375 25th Ave.  
**Mill Work**—Lannom Bros. Mfg. Co.,

5th and Magnolia Sts., Oakland.  
 Glass—W. P. Fuller & Co., 301 Mission Street.

Plastering—Leonard Bosch, 167 Fifth Avenue.  
 Window Hardware—Dalmo Sales Corp., 511 Harrison St.  
 Toilet Partitions, Etc.—Trask and Squier Co., 39 Natoma St.  
 Floor Pans—Soule Steel Co., 1750 Army Street.

**Contract Approved**  
 SHOP BUILDING Cont. Pr. \$58,879  
 OAKLAND, Alameda Co., Cal. 12th and Myrtle Sts.

New two-story reinforced concrete Lowell-McClymonds shop building to be constructed at Lowell Junior High School.  
 Owner—Oakland School District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—S. G. Johnson, 4652 Dolores St., Oakland.

Award of contract has been approved by the District Attorney.

#### BIDS OPENED

SAN FRANCISCO.—Grant-Martinielli Construction Company, 44 Mary St., at \$18,488, submitted low bid to the Department of Public Works, City Hall, for general construction of miscellaneous fittings and equipment for the Agassiz School, Balfour St., between 22nd and 23rd Sts.

Complete bids follow:  
 Grant - Martinielli Constr. Co. \$18,488  
 De Luca & Son, Inc. 18,800  
 F. C. Amoroso & Sons 18,253  
 Anderson & Ringrose 22,500  
 Bids referred to the City Architect and PWA.

#### Award of Contract Approved RECONSTRUCTION

Contract Price, \$176,725  
 CROCKETT, Contra Costa Co., Calif.  
 Reconstruction of Academic Building at John Swett High School.  
 Owner—Crockett School District.  
 Engineers—Dewell & Earl, 55 New Montgomery St., San Francisco.  
 Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St., San Francisco—\$176,725

Award of contract has been approved by PWA under proposition (I) work complete, and (II) addition for window hardware.

#### WORKING DRAWINGS COMPLETED

BANNING and PALM SPRINGS, Riverside Co., Calif.—Architect G. Stanley Wilson, Mission Inn, Riverside, has completed working drawings for a new high school to be built in Banning and a high school in Palm Springs for the Banning Union High School District. Both buildings will be reinforced concrete structures, costing \$150,000 and \$100,000 respectively. Application has been made to the PWA for a grant of \$112,000. Other financing will come from a \$110,000 bond issue and \$30,000 already on hand.

#### COMPLETING PLANS

LONG BEACH, Calif.—Long Beach board of education will advertise for bids soon for constructing the industrial arts building at Poly High School. Hugh Davies, architect, 450 E. Ocean Ave. Long Beach, Cal., \$90,000.

#### Complete Bid Listing

SCHOOL ADDITION Contract Price—\$26,171  
 COALINGA, Fresno Co., Calif.

South wing of Junior College, on present High School site (concrete construction).  
 Owner—Coalinga Union High School District (T. H. Robinson, Clerk, Board of Trustees, High School Building).  
 Architect—W. D. Coates, 626 Row-

ell Bldg., Fresno.

Contractor—T. C. and W. H. Irwin, 808 Mildreda, Fresno.  
 Complete bids follow:  
 T. C. and W. H. Irwin, Fresno. \$26,179  
 Midstate Constr. Co., Fresno. 26,888  
 L. Uehla, Ripon. 27,110  
 Harris Constr. Co., Fresno. 27,777  
 R. Pedersen, Fresno. 28,587  
 L. H. Hansen & Son, Fresno. 28,750

Bids Wanted — To Close May 24, 8 P. M.

Estimated Cost, \$6,000  
 RECONSTRUCT SCHOOL  
 MOUNTAIN VIEW, Santa Clara Co., Calif. Castro Street.

Reconstruct Mountain View Union High School.  
 Owner—Mountain View Union High School District.

Structural Engineer—Harold B. Hammill, 381 Bush St., S. F.  
 Plans and specifications may be obtained at the office of the structural engineer upon deposit of \$50.  
 Bids will be opened at the high school.

Plans Being Figured—Bids Close on May 19, 8 P. M.

ADDITION Cost, \$20,000  
 KING CITY, Monterey Co., Calif.  
 Elementary school addn. (2 rooms), frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc., and remodeling and stabilizing present auditorium (seating capacity, 700).

Owner—King City Grammar School District (Dorsey Benadon, Clk.).  
 Architect—Chas. E. Butner, 7 Winham St., Sallinas.  
 Plans and specifications obtainable from the architect upon deposit of \$35.

Bonds Voted—Plans Being Prepared  
 SCHOOL Cost, \$90,000  
 KERN CO., Calif.

New 10-room, brick and concrete elementary school (brick facing, tile roof, wood partitions, metal lath, maple and linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall board, waste moulds, waterproofing, etc.).  
 Owner—Bearsley School District.  
 Architect—Symmes & Willard; Stanton Willard, architect; 215 Hanterfield Bldg., Eakersfield, Calif.

The district voted bonds to finance the project on April 29.

#### BOND ELECTION

SALLINAS, Monterey Co., Calif.—Alisal Union Grammar School District will vote on May 18, on a proposal to issue bonds in the amount of \$25,000, proceeds to finance construction of five additional rooms to the Alisal Union School.

#### Bonds Defeated

ADDITION Cost, \$40,000  
 PLACERVILLE, Eldorado Co., Calif.  
 Cottage and Union Streets.

Two-story classroom and auditorium addition (three classrooms, manual training shop, and auditorium to seat 1,300, stage, etc.), frame and stucco construction.

Owner—Placerville Grammar School District (James R. Johnson, Clk.).  
 Architect—Jons C. Petersen, 812 26th St., Sacramento

A \$40,000 bond issue to finance construction was defeated at a special election April 29. The vote was 280 for and 118 against construction, but school the necessary two-thirds majority. A new election will probably be called to vote sufficient funds to finance construction of the classroom building with the auditorium.

Contract Awarded  
 SHOP BUILDING Cost, \$

OAKLAND, Alameda Co., Cal. 12th and Myrtle Streets.

New two-story reinforced concrete Lowell-McClymonds shop building to be constructed at Lowell Junior High School.  
 Owner—Oakland School District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—S. G. Johnson, 4652 Dolores St., Oakland, \$58,879.

Contract was awarded to Mr. Johnson subject to the approval of the district attorney.

Complete bids follow:  
 S. G. Johnson, Oakland. \$58,879  
 C. N. Swenson Co., San Jose. 61,911  
 DeLuca & Son, Inc., S. F. 62,820  
 Geo. J. Maurer Co., Piedmont. 62,937  
 Central Calif. Const. Co., S. F. 63,763  
 A. Nelson, Inc., San Francisco. 64,947  
 Willis F. Lynn, Oakland. 69,327  
 Villadsen Bros., Inc., Oakland. 72,900

#### Contract Awarded SCHOOL ADDITION

Contract Price, \$26,179  
 COALINGA, Fresno Co., Calif.  
 South wing of Junior College, on present High School site (concrete construction).

Owner—Coalinga Union High School District (T. H. Robinson, Clerk, Board of Trustees, High School Building).

Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

Contractor—T. C. and W. H. Irwin, 808 Mildreda, Fresno.

Complete bids will be published shortly.

#### Plans Approved ADDITION Cost, \$20,000

KING CITY, Monterey Co., Calif.  
 Elementary school addn. (2 rooms), frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc.

Owner—King City Grammar School District.

Architect—Chas. E. Butner, 7 Winham St., Sallinas.  
 Plans and specifications have been approved by the State Division of Architecture, Sacramento, and a call for bids will probably be issued May 3.

#### Preparing Working Drawings SCHOOL Cost, \$35,000

AUBURN, Placer Co., Calif.  
 One-story frame grammar school building (5 classrooms and kindergarten), electric heating system.

Owner—Auburn Union Grammar School.

Architect—W. E. Coffman, Forum Bldg., Sacramento.

#### BONDS VOTED

NEEDLES, San Bernardino Co., Calif.—Needles School District affirmed a \$60,000 bond issue April 23, proceeds to be used to finance the construction of buildings for Needles high school. H. L. Cogetry, 6272 Yuca St., Hollywood, architect

#### Plans & Specifications Approved AUDITORIUM Cost, \$7,000

BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.  
 Reconstruct auditorium at Jefferson School.

Owner—Berkeley Board of Education.  
 Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education, Berkeley.

Work will be done by the WPA.

Plans Being Figured—  
 Bids Close May 14, 2 P. M.  
 ADDITION Cost, \$11,000.  
 MADERA, Madera County.

Activities room addition and finish-



ing front entrance vestibule at Gymnasium (concrete floor in basement under activities room; concrete floor and tile roof in vestibule; first floor of maple; concrete, etc.)  
 Owner—Madera Union High School District.  
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
 Plans and specifications obtainable from the office of the architect upon deposit of \$20.

**Sub Contracts Awarded**  
**GYMNASIUM** Cont. Pr., \$10,597  
**OAKDALE**, Stanislaus Co., Calif.  
 One-story stucco gymnasium building, shower and locker rooms at the Oakdale Union High School.  
 Owner—Oakdale Union High School District.  
 Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—Swanson & Hilberg, 301 Chubb St., Turlock.  
**Plumbing & Electric Wiring**—Hansen Bros., 609 10th St., Modesto.  
**Heating & Sheet Metal**—Hansen Bros., 609 10th St., Modesto.  
**Lumber & Mill Work**—Diamond Match Co., H. & W. R.R., Oakdale.

**LOW BIDDER**  
**ENCINITAS**, San Diego Co., Cal.—Harry Muns, First National Bank Bldg., San Diego, submitted low bid to San Diego Union High School District at \$218,267 (work complete) for constructing school buildings at Encinitas Lillian J. Rice, architect, Rancho Santa Fe.  
 The low bid follows:  
**General Work**—Harry Muns, (1) work complete, including mechanical and electrical work, \$218,267; (2) omitting mechanical and electrical work, \$153,695; (3) omitting building D9, deduct \$3616.

**Bond Election**  
**SCHOOL** Cost, \$25,000  
**KERN COUNTY**, Cal.  
 Alterations and additions to school building.  
 Owner—Fairfax School District.  
 Architect—Not Given.  
 An election will be held June 4 to vote on a proposal to issue \$25,000 in bonds to finance construction.

**Bonds Voted**  
**SCHOOL** Cost, \$40,000  
**ARVIN**, Kern Co., Calif.  
 New school buildings, alterations and repairs to the existing buildings, school furniture, grounds improvement, etc.  
 Owner—Arvin Grammar School District.  
 Architect—Not Given.

A proposal to issue \$40,000 in bonds to finance construction was approved at a special election April 27.

**Correction In Estimated Cost**  
**CHEMISTRY BUILDING**  
 Estimated Cost, \$300,000  
**CORVALLIS**, Benton County, Ore.  
 State College Campus.  
 Three-story and basement reinforced concrete and brick veneer chemistry building (54x300-ft.).  
 Owner—Oregon State College.  
 Architect—J. V. Bennes, Lewis Bldg., Portland.

Preliminary plans have been completed and application made for a PWA grant and loan.

**Plans Completed**  
**REMODEL SCHOOL** Cost, \$5,000  
**PETALUMA**, Sonoma Co., Calif. St. Vincent's School  
 Remodel old grade school building into high school; remove third story and roof, replace with new roof, plaster and paint exterior

of the building, minor interior alterations.  
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
 Architect—Arnold Constable, 580 Market St., San Francisco.  
 Plans are completed and will go out for figures on May 6.

**Bonds Defeated**  
**GYM & SHOP** Cost, \$38,000  
**DANVILLE**, Contra Costa Co., Calif.  
 Alamo Road.  
 One-story frame and concrete gymnasium building and one-story frame and concrete shop building, to be constructed at the San Ramon Valley Union High School.  
 Owner—San Ramon Valley Union High School District.  
 Architect—N. R. Coulter, 46 Kearny St., San Francisco.

The San Ramon Valley Union High School District defeated bond issue in the amount of \$20,000 on April 30, proceeds to have assisted in financing construction of gym and shop.

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**BANK** Cost, \$100,000  
**SACRAMENTO**, Sacramento County, Calif.  
 Tenth Street, between J and K Streets.  
 One-story reinforced concrete bank building (80 x 80 feet), polished granite base on exterior, bronze window and door trimmings; terrazzo floors.

Owner—American Trust Company, 464 California St., San Francisco.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
 Contractor—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

**Plans Being Figured—Bids Close**  
**May 14, 4 P. M.**  
**ADDITIONS** Cost, \$50,000-\$60,000  
**BAKERSFIELD**, Kern County, Cal.  
 19th and K Streets.  
 Alterations and additions to New Fish Bldg. (3-story mercantile bldg., 115x132-ft., to be built in Bakersfield for the Fish estate: reinforced concrete and brick walls, composition roofing, metal lath, wood floors with asphalt and rubber tile surfacing, steam heating, elevator, fire doors, fire escapes, plate glass, steel rolling doors, steel windows, structural steel, stucco, terrazzo and tile work, waterproofing).  
 Owner—Fish Estate Company.  
 Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Bids will be received from the following selected list of contractors:  
 Henry Eissler, 2229 18th St., Bakersfield.  
 Opperman & Co., 1327 Orange Dr., Bakersfield.  
 Ford J. Twaits Co., 816 West 5th St., Los Angeles.  
 Myer Erics, 3407 San Fernando Road, Los Angeles.

**Contract Awarded**  
**STORE** Cost, \$ DELANO, Kern Co., Cal. Main St.  
 One-story store building (50x130-ft.).  
 19-ft. ceiling; terrazzo vestibule  
 Owner—A. Perelli-Minetti & Sons Lessee—J. C. Penney Company  
 Architect—Not Given.  
 Contractor—Graham and Dornandi—Drawer 1, Delano.

**REMODEL AWARDED**  
**LOS ANGELES**, Cal.—J. H. Marks-Charde Co., 908 Architects' Bldg.  
 Awarded contract for construction of a department store building at the southwest corner of Wilshire Blvd

and Detroit St. for S. H. Kress and Co. Edward F. Sibbert, architect, 114 5th Ave., New York City.

**Being Done By Day's Work**  
**ALTER BANK** Cost, \$10,000  
**HAYWARD**, Alameda Co., Calif.  
 Alterations to the Bank of Hayward.  
 Owner—Bank of Hayward (Hans Henningsen, cashier).  
 Architect—Not Given.  
 Hugo Frank, 505 Main St., is directing installation of modern lighting system.

**BIDS OPENED**  
**AUTO SHOWROOM** Cost, \$10,000  
**FRESNO**, Fresno Co., Calif. N and Fresno Streets.

Reinforced concr. automobile sales showroom building (modernistic), plate glass front, etc.  
 Owner—James W. MacAllister, Inc., Fresno and N Sts., Fresno.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
 Low Bidder—Trehwitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.  
 Complete bids follow:  
 Trehwitt-Shields & Fisher ..... \$11,922  
 Midstate Constr. Co. .... 11,933  
 W. J. Ochs ..... 11,971  
 Fisher & McNulty ..... 12,055  
 L. H. Hansen & Son ..... 12,859  
 T. C. & W. H. Irwin ..... 13,010  
 All of Fresno.

**Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$6,000  
**SAN FRANCISCO**, 333 Montgomery Street.

Alterations to office building.  
 Owner—Louis R. Lurie.  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—E. W. Kellberg, 320 Market Street.  
 Contractor—Cahill Bros., 206 Sansome Street.  
**Roofing & Sheet Metal**—J. W. Bender Company, 1999 Bryant St.  
**Painting**—D. Zelinsky & Sons, 165 Grove St.  
**Plastering**—W. G. Gilmour, 666 Mission St.  
 Sub-contracs awarded to date published March 30.

**To Be Done By Day's Work**  
**STORE BLDG.** Cost, \$8,500  
**OAKLAND**, Alameda Co., Calif. 9409 East 14th Street.  
 One-story store building.  
 Owner and Builder—Hagstrom Food Stores, 106th Ave. and E 14th St.  
 Architect—Not Given.

**Contract Awarded**  
**OFFICE BLDG.** Cont. Pr., \$7,990  
**GRASS VALLEY**, Nevada Co., Calif.  
 Two-story frame and stucco office building (50 x 50 ft.).  
 Owner—Finance Co., Grass Valley.  
 Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.  
 Contractor—Roy Madsen, 414 Pine St., Grass Valley.  
 Complete bids follow:  
 Roy Madsen, Grass Valley \$7,990  
 J. C. Meyers, Stockton 8,960  
 Wm C Keating, Sacramento 9,200  
 Paul Jenks, Grass Valley 9,300

**Plans Being Figured — Bids Close**  
**May 14, 4 P. M.**  
**ADDITIONS** Cost, \$50,000-\$60,000  
**BAKERSFIELD**, Kern Co., Calif.  
 19th and K Streets.  
 Addition and alterations to New Fish Building.  
 Owner—Withheld.  
 Architect—Charles H. Biggar, 554 Haberfeld Bldg., Bakersfield.  
 Bids will be received from the following selected list of contractors:  
 Henry Eissler, 2229 18th St., Bakersfield.  
 Opperman & Co., 1327 Orange Dr., Bakersfield.  
 Ford J. Twaits Co., 816 West 5th

St. Los Angeles.  
Myers Bros, 3407 San Fernando Road, Los Angeles.

**Plans Being Figured—Closing Date**

**Net Set** Cost, \$7,500  
FRESNO, Fresno Co., Calif. 952 Van Ness Ave.

Additions and alterations to brick and frame store building.

Lessee—Buford Washing Machine Co. Architect—H. Mataei Lake, Mattei Bldg., Fresno.

Following contractors are figuring the plans:

Harris Constr Co., 577 McKinley, Fresno.

Kelley R. Smith, 423 Courtland, Fresno.

R. Pedersen, 446 Clark, Fresno.

**Sub Contracts Awarded**

**OFFICE BUILDING** Cost, \$.....  
SAN FRANCISCO, 210 Sansome St.

Four-story reinforced concrete office building, to be constructed when wrecking of present building now on site is completed.

Owner—Louis R. Lurie.  
Lessee—Maryland Casualty Co.

Architect—Wm. D. Peugh, 333 Montgomery St.

Contractor—Cahill Brothers, 206 Sansome St.

Painting—D. Zelinsky & Sons, Inc., 165 Grove St.

Hardware—E. M. Hundley, 662 Mission St.

**Window Shades**—W. & J. Sloane Co., 224 Sutter St.

Complete sub bids awarded to date published Dec. 30 and Jan. 20.

**Contract Awarded**

**ALTERATIONS** Cost, \$6,600  
MERCED, Merced Co., Calif.

New front and alterations to first floor of 2-story brick store bldg.

Owner—Mr. Montgomery.  
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Contractor—J. E. Fritz, 1036 21st St., Merced.

**PREPARING WORKING DRAWINGS**

**CULVER CITY, Los Angeles Co., Calif.**—Architect Claud Beelman, 1019 Union Bank Bldg., Los Angeles, is preparing working drawings for an office building to be built on Grant St., Culver City, by Metro-Goldwyn-Mayer Studios. It will be an H-shaped structure with a central wing, extreme dimensions 343x215 feet, and will be part three stories and part four stories in height. It will be of steel frame construction, fully air conditioned, and will have a floor area of about 115,000 square feet. The cost will approximate \$750,000.

Structural steel for the building amounting to about 450 tons, will be furnished and erected by Consolidated Steel Corp.

April 30, 1937.

**Contract Awarded**

**ALTER BLDG.** Cost, \$.....  
SAN FRANCISCO, 145 Bush St.

Alter building.

Owner—Pacific T. & T. Co.

Plans by Engineering Department of Owner.

Contractor—Divine Construction Co. Inc., 210 Tucker Bldg.

**Bids Opened**

**BANK** Cost, \$80,000  
SACRAMENTO, Sacramento County, Cal., Tenth St., bet. J and E Sts.

One-story reinforced concrete bank building (80x80 ft.), polished granite base on exterior, bronze window and door trimmings on piazza floors.

Owner—American Trust Co., 464 California St., San Francisco.

Architect—Harry J. Devine, 1000 Bldg., Sacramento.

Low Bidder—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

Bids were taken as follows:

(1) Work complete;

(2) Deduct for millwork and carpentry;

(3) Deduct for painting;

(4) Deduct for linoleum and rubber tile;

(5) Deduct for air conditioning.

Complete bids follow:

Lawrence Construction Co., Sacramento (1) \$105,650

(2) 1,900

(3) 2,706

(4) 1,650

(5) 3,801

Monson Bros., San Francisco (1) 105,747

(2) 1,690

(3) 2,690

(4) 1,592

(5) 3,445

Lindgren & Swinerton, Sacramento (1) 109,000

(2) 2,700

(3) 2,000

(4) 2,700

(5) 3,400

Campbell Constr. Co., Sacramento (1) 109,850

(2) 2,000

(3) 2,700

(4) 1,800

(5) 3,500

K. E. Parker, San Francisco (1) 110,688

(2) 2,300

(3) 2,250

(4) 1,650

(5) 3,550

Frank Maloney, Sacramento (1) 111,642

(2) 2,200

(3) 2,650

(4) 1,753

(5) 3,400

F. J. Hopkinson, Sacramento (1) 112,934

(2) 1,900

(3) 2,680

(4) 1,753

(5) 3,400

Otto Stenbrenner, Sacramento (1) 120,219

(2) 2,285

(3) 2,840

(4) 2,140

(5) 3,337

Correction In Award

**STORE** Cost, \$.....  
SACRAMENTO, Calif. 1112 8th St.

New store building.

Owner—W. T. Grant Co., 722 K St.

Architect—Not Given.

Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Building, San Francisco.

Bids Opened

**STOR.** Cost, \$.....  
SAN MATEO Co., Calif. At the Palo Alto City Line.

One-story frame store building (45 x 90 ft.), built-up roofing, wood floors.

Owner—M. W. Williams, San Jose.

Lessee—Safeway Stores.

Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Low Bidder—Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Complete bids follow:

Bert Ward & Son, San Jose \$9,770

Wells P. Goodenough, Palo Alto, \$10,150

E. A. Hathaway, San Jose, \$10,246

M. W. Reese, San Jose, \$10,584

Bids Opened

**STORE BLDG.** Est. Cost, \$17,000  
SAN FRANCISCO Sutter and Steiner Sts.

Complete bids follow:

One-story frame store building consisting of four stores and lofts.

Contract—Withheld.

Architect—A. A. Cantin, 64 Pine St.

Low Bidder J. Kramer, 1906 Steiner St., \$14,635

Complete bids follow:

J. Kramer ..... \$14,635

Mike Vukicovich ..... 14,993

G. P. W. Jensen ..... 15,180

Miller Const. Co. .... 15,190

Moore & Roberts ..... 15,750

Sabin Brothers ..... 16,549

Bids held under advisement.

Working Drawings Being Completed

**MARKE** Cost, \$20,000  
STOCKTON, San Joaquin Co., Calif.

NE Harding Way and Commerce Street.

One-story brick or concrete market building (70x90 ft.), plaster ceiling, composition roof, concrete floors, ultra-modern in design.

Owner—C. F. Vining, Sacramento.

Architect—Frank W. Mayo, 108 E. Miner St., Stockton.

Working drawings will be completed in about ten days.

Contract Awarded

**AIR CONDITIONING SYSTEM**

Contract price, \$46,320  
FRESNO, Fresno Co., Calif. Tulare and Fulton Streets.

Air conditioning system in Bank of America and in main office of Capital Company.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

Contractor—Carrier Air Conditioning 952 Mission St., San Francisco.

To Be Done By Day's Work

**STORE** Cost, \$70,000  
FRESNO, Fresno Co., Calif. Fulton and Tuolumne Streets.

One-story and mezzanine concrete store building (partial basement), composition roof, etc.

Owner—George Harm, 1235 G Street, Fresno.

Architect & Supt. of Constr.—Chas. H. Franklin, 416 T. W. Patterson Bldg., Fresno.

Preparing Working Drawings

**DRIVE-IN MARKET** Cost, \$25,000  
SALINAS, Monterey Co., Calif. John and Main Streets.

One-story reinforced concrete and tile drive-in market building composition roof, cement floors.

Owner—Withheld.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Working drawings will be completed in about ten days.

17— THEATRES

Plans Being Figured

**ALTERATIONS** Cost, \$15,000  
PITTSBURG, Contra Costa Co., Cal.

Re-modeling theatre (re-decorating, plastering, carpentry work, heating lobby, new marquee, new tile floors, new men's toilets, new seating, new carpets, new electrical fixture, etc.).

Owner—California Theatre.

Architect—F. Frederic Amandes, 414 Dewey Blvd., San Francisco.

Bids are being received from a selected list of contractors.

\$24,081.81 ship wt., 56,500 lbs. no disc. Sch. 5, \$24,081.81; ship weight, 56,500 lbs. no discount Sch. 6. Deduct \$11,889.49 for combined award. Prices include sales tax.

**RID CALL CANCELLED**

**FORT LEWIS, Wash.**—A call for bids to have been opened May 7, 10 a.m. under Bid No. 488-37-57, for furnishing two hot water heating boilers, portable steel, has been cancelled by the Contracting Officer, Fort Lewis.

A new call for bids will be issued at a later date.

**BIDS WANTED**

**SAN FRANCISCO**—Until May 12, 10 a.m. bids will be received by the Signal Officer, Ninth Corps Area,

**Bids In—Under Advisement**  
**THEATRE ADDITION** Cost, \$9,000  
**SUNNYVALE**, Santa Clara Co., Cal. One-story reinforced concrete theatre addition (25 x 36 ft.).  
 Owner—A. Schurra, 32 N. 9th St., San Jose.  
 Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.  
 Bids were received from a selected list of contractors. Announcement will be made shortly.

**18—WHARVES & DOCKS**

**Contract Awarded**  
**RECONSTRUCTION**  
 Contract price, \$57,775  
**SAN FRANCISCO**, Pier 46.  
 Reconstruct shed on Pier 46, partially destroyed by fire Dec. 16, 1936 (timber construction, six-ply asphalt and gravel roof; 160x800) 25% of the structure is to be rebuilt, 50% patched and reinforced, and the entire shed roofed and painted.  
 Owner—State of Calif. (Board of Harbor Commissioners).  
 Engineer—Frank G. White, Ferry Building.  
 Contractor—Monson Bros., 475 6th Street.  
 Complete bids follow:  
 Monson Bros. \$57,775  
 F. C. Amoroso & Sons 62,700  
 Frank J. Reilly 67,831  
 Leo Epp 71,877  
 Louis J. Dunn 81,494  
 Clinton Constr. Co. 86,000  
 McDonald & Kahn Co. 86,400  
 John C. O'Leary 97,425  
 All of San Francisco.

**19—MISC. CONSTRUCTION**

**BIDS WANTED**  
**SKAMANIA CO.**, Wash. — Until May 13, 3 p.m., lump sum bids will be received by the U. S. Engineer Office, Lieut.-Col. C. F. Williams, District Engineer, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-37-373, for the restoration of buildings and grounds, etc., for the revision of the Big White Salmon Fish Hatchery, located between Hood and Underwood, Skamania County, Washington, on the north bank of the Columbia River. The property is bisected by the main line tracks of the Spokane, Portland and Seattle Railway and State Highway No. 8, the Evergreen Highway. The site is approximately 68 miles east of Portland by highway.

The work consists of excavating, hauling and placing materials, moving and raising buildings and providing new foundations therefor, the revision of the water supplies, the construction of a concrete fish ladder, and the necessary holding ponds; the restoration of buildings and grounds, and incidental work.

Plans and specifications obtainable from the above office.

**Plans Completed**  
**GRANDSTAND**, etc. Cost, \$...  
**CALISTOGA**, Napa Co., Calif.  
 Grandstand to seat 1,000 and show box, frame construction.  
 Owner—William Herbert, Rosenberg Bldg., Santa Rosa.  
 Upon approval of plans by County Supervisors bids will be asked.

**Bids Wanted**—Close May 11, 1:30 P. M.  
**FAIR BLDGS.**, Est. Cost, \$10,000  
**SANTA ROSA**, Sonoma Co., Calif.  
 Cow sheds and racing stables, completion of grandstand and bleachers to seat 1,000.  
 Owner—Sonoma County Fair.  
 Architect—William Herbert, Rosenberg Bldg.

**Bids Rejected**  
**SWIMMING POOL** Cost, \$35,000  
**BAKERSFIELD**, Kern County, Calif.  
 Central Park  
 Open-air swimming pool (120x50 ft.), stone tile bathhouse (concrete floors and tile roof), showers, and sanitary facilities; chlorinating and filtering equipment; 15-ft. walkways, etc.  
 Owner—City of Bakersfield.  
 Plans prepared by City Engineer Joe Hofelder.  
 Lowest bid was submitted by Henry Essler, 2229 18th St., Bakersfield, at \$54,200.

The City Council has decided to change location of the new plunge to Jefferson Park, and to modernize the existing pools at Central and Beale Parks. The Jefferson pool will be 50x120 ft., the Central Park pool is 10x29 ft., and the Beale Park pool 36x101 ft.

**RIPS OPENED**

**SACRAMENTO**, Calif.—Colberg Boat Works, Stockton and Lindsay Streets, Stockton, at \$350, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Proposal No. 1105-37-203, for drydocking, cleaning and painting the U. S. Engineer Department tug barge, "E."  
 Complete bids follow:  
 Colberg Boat Works \$56,000  
 Pacific Dry Dock & Repair Co. 355.00  
 General Engineering & Dry Dock Co. 383.00  
 Bethlehem Shipbuilding Co. 398.00  
 Moore Dry Dock Co. 398.50

**PREPARING PLANS**

**LOS ANGELES**, Calif.—Architect W. L. Schmolle, 2030 Wilshire Blvd., is preparing plans for a one-story frame department building (136x290 ft.) to be built on Grandview St. for Aragon Enterprises, Inc. Estimated cost, \$100,000.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Lynn & Heferman, 114 Ashton Ave. at \$2,985, awarded contract by the Public Utilities Commission, City Hall, under Airport Contract No. 40, for constructing a field lighting control board to be installed on the fourth floor of the new administration building at San Francisco Airport, Mills Field.

Complete bids published April 16. L. T. McAfee, Utilities Engineer.

**20—MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**

**EUREKA**, Humboldt Co., Calif.—American Seating Company, 207 Van Ness Avenue South, San Francisco, at \$2,771.36, awarded contract by the City of Eureka, for 808 stadium chairs for the balcony of the municipal auditorium. Plans by Architect Frank T. Georgeson, 537 G Street, Eureka.

**CONTRACT AWARDED**

**SAN FRANCISCO**.—Minneapolis Moline Power Implement Co., Sharon Bldg., at \$3,685, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1735, for furnishing structural steel, castings and accessories for Ferry Slips on Yerba Buena Shoals.

**BIDS OPENED**

**ALL-AMERICAN CANAL**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 910-D, for furnishing metalwork for the trash-rack structure at the headworks of the All-American Canal at the Imperial Dam, Boulder

**Canyon Project:**

American Bridge Co., Denver—\$20,546, f.o.b. Gary, Ind.; net.  
 Bethlehem Steel Co., Bethlehem, Pa.—\$24,980; f.o.b. Chicago; net.  
 Koppers Co. (B. H. Div.), Baltimore—\$25,800; f.o.b. Potholes; 1/2% discount.  
 Milwaukee Bridge Co., Milwaukee—\$18,388; f.o.b. Milwaukee; net.  
 Lakeside Bridge & Steel Co., Milwaukee—\$24,917; f.o.b. Potholes; net.  
 Pacific Iron & Steel Co., Ltd., Los Angeles—\$21,400; f.o.b. Lynnwood; net.  
 St. Louis Structural Steel Co., East St. Louis, Ill.—\$18,341; f.o.b. East St. Louis; 1/2%.  
 Mississippi Valley Structural Steel Co., St. Louis, Mo.—\$20,150; f.o.b. St. Louis; net.  
 Hansell Elcock Co., Chicago—\$20,500; f.o.b. Chicago; 1/2% discount.  
 John W. Beam, Denver—\$21,500; f.o.b. Peotone; 1/2% discount.

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL**—Judson Steel Corp., Foot of Park Ave., Oakland, at \$121,297 awarded contract by the Bureau of Reclamation, Denver, for furnishing reinforcing steel for the All-American Canal.

**CONTRACTS AWARDED**

**LOS ANGELES**.—Wood & Bevanda, P.O. Box 49, Stockton, awarded contract by Metropolitan Water District Purchasing Agent, at \$5,446.13, for approximately 2350 c.y. aggregate for Iron Mountain Pumping Plant, Bid No. 81916. Other bids were: C. W. Karn, \$14,523; Palm Springs Builders Supply Co., Ltd., \$15,703.90. Aggregate for Havfield Pumping Plant, 240 c.y. Bid No. 81914 was awarded to O. W. Karn at \$3708 and for Eagle Mountain Pumping Plant, 1440 c.y. Bid No. 81915, also to O. W. Karn, at \$2595.60.

**BIDS OPENED**

**LOS ANGELES**, Cal.—Bids for 15,000-volt disconnecting switches, Spec. 194, received by Metropolitan Water District April 29, were:

Bowie Switch Co., San Francisco; Sch. 1, \$18,640.32; shipping weight, 51,900 lbs.; no discount. Sch. 2, \$19,354.11; ship. wt. \$2,650 lbs.; no discount. Sch. 3, \$17,731.86; ship. wt., 51,000 lbs.; no discount. Sch. 4, \$24,081.81; ship. wt. 57,650 lbs.; no discount. Sch. 5, \$24,081.81; ship. wt., 57,650 lbs.; no discount. Sch. 6, deduction for combined award, \$11,889.49.

Railway & Industrial Engineering Co., Los Angeles; Sch. 1, \$18,640.32, incl. use tax of \$542.92; ship. wt., 50,600 lbs., no discount. Sch. 2, \$19,354.11 incl. use tax of \$563.71; ship. wt., 52,000 lbs., no discount. Sch. 3, \$17,731.86, incl. use tax, \$154.46; ship. wt., 48,900 lbs.; no discount. Sch. 4, \$24,081.81, incl. use tax, \$701.41; ship. wt. 59,150 lbs.; no disc. Sch. 5, \$24,081.81 incl. use tax, \$701.41; ship. wt., 59,150 lbs., no discount. Sch. 6, deduction \$15,843.29 for combined award; deduct \$346.29 from use tax, total deduction, \$11,889.49.

Westinghouse Elec. & Mfg. Co., Los Angeles; Sch. 1, \$18,781.41, incl. use tax, \$547.04; ship. wt., 49,800 lbs., no discount. Sch. 2, \$19,484.82, incl. use tax of \$567.52; wt. 50,300 lbs., no discount. Sch. 3, \$17,783.67, incl. use tax of \$517.97; wt. 51,200 lbs., no discount. Sch. 4, \$24,056.99, incl. use tax of \$700.69; wt. 56,400 lbs., no discount. Sch. 5, \$24,056.99, incl. use tax of \$700.69; wt. 56,400 lbs., no discount. Sch. 6, deduction for combined award, \$10,416.42; deduct \$312.49 from use tax; total deduction, \$10,728.91.

Pacific Electric Mfg. Corp., Los Angeles; Sch. 1, \$18,640.32; shipping wt., 50,900 lbs.; no discount. Sch. 2, \$19,354.11; ship. wt. 51,600 lbs., no discount. Sch. 3, \$17,731.86, shipping wt., 50,600 lbs.; no discount. Sch. 4,

Presidio of San Francisco, under CP No. 1084-SC-37, for dismantling four poles 80 to 90 feet long and erecting three antenna poles.

Specifications obtainable from the above office.

#### BIDS OPENED

**SAN FRANCISCO.**—Ocean Shore Iron Works, 550 8th St., at \$1179.06, net, 90 days delivery, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1791, for furnishing and installing at the San Francisco Hospital, one hot water heater and tank.

Complete bids follow:  
Ocean Shore Iron Works—\$1179.06; net, 90 days delivery.

Southwest Welding & Mfg. Co.—\$1185.95; 1/2% 70 days; 80 days delivery.

California Steel Products Co.—\$1224.77; 2% 10 days; 90 days delivery.

#### BIDS OPENED

**SAN FRANCISCO.**—San Francisco Water Department, 425 Mason St., submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1790, for furnishing hub end gate valves for the Water Department, as follows:

- (1) 50 4-inch;
- (2) 300 4-inch;
- (3) 200 8-inch.

Complete bids follow:  
San Francisco Water Department—(1) \$12; (2) \$16.75; (3) \$24.70; net, 90 days.

M. Greenberg's Sons—(1) \$13.90; (2) \$19.80; (3) \$27.90; net, 150 days.

#### CONTRACT AWARDED

**BAKERSFIELD.** Kern Co., Calif.—Kern County Safety Incinerator Co. Inc., 3329 Sunset Blvd., Los Angeles, at \$500 each, submitted low bid and awarded contract by the Bakersfield School District, for furnishing five or more safety special school type incinerators.

A. J. Hendricks, Bakersfield, at \$575 each, submitted the only other bid.

#### CONTRACT AWARDED

**CASPER-ALCOVA PROJ.** Wyo. Monolith Portland Midwest Cement Co., Denver, at \$175,356 awarded contract by the Bureau of Reclamation, Denver, under Spec No. 905-D, for furnishing approximately 69,000 barrels of modified portland cement for the Casper Canal and the Seminoe Dam, Casper-Alcova Project.

#### BIDS OPENED

**OAKLAND.** Alameda Co., Calif.—Truon Steel Co., Carroll and Nevada Sts., San Francisco, at \$9046.30 submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for furnishing reinforcing steel for use on WPA projects, as follows:

- (1) 765 pounds 1 1/2-inch round bars, straight
- (2) 201 lbs. do., bent
- (3) 1998 pounds 5/8-inch round bars, straight
- (4) 3312 lbs. 3/4-in. do., bent;
- (5) 9622 pounds 1 1/2-inch round bars, straight
- (6) 16570 pounds 1 1/2-inch square bars, straight
- (7) 613 pounds 3/4-in. round bars, straight;
- (8) 46927 lbs. 1 1/2-inch do. bent;
- (9) 6693 pounds 3/4-inch round bars, straight;
- (10) 13449 lbs. 3/4-in. do. bent;
- (11) 679 lbs. 5/8-in. do., bent;
- (12) 168522 lbs. 1-in. do., bent;
- (13) 7704 pounds 1-inch square bars, straight;
- (14) 43452 lbs. 1-in. do., bent.

The other bids were identical, at \$9263.16, and were submitted by Soule Steel Co., Herriek Iron Works

and Bethlehem Steel Co.

#### BIDS OPENED

**OAKLAND.** Alameda Co., Calif.—Neptune Meter Co., 320 Market St., San Francisco, at \$25,015.40, submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. LS 195, for furnishing 3,325 water meters, size 1/2- to 1 1/2-in.

Complete bids follow:  
Neptune Meter Co. .... \$25,015.40  
A. P. Smith Mfg. Co. .... 28,904.00  
Worthington Co. .... 26,678.00  
American Brass & Copper Co. .... 26,768.00  
Hersey Mfg. Co. .... 30,156.40  
Pittsburgh Equitable Meter Co. (partial bid) ... 23,703.00

#### BIDS OPENED

**OAKLAND.** Alameda Co., Calif.—Albert C. Moe, foot of 7th Avenue, Oakland, at \$5,850, submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Informal Proposal No. 867, for furnishing 2,600 tons of gravel.

All other bids were identical at \$6,552, and were submitted by: Chas. S. Hughes Co., Rhodes & Jamieson, Ltd., Central Bldg. Materials Co., Rhodes & Kennedy, Alta Bldg. Materials, Melrose Bldg. Materials, Transit Concrete, Ltd., Golden Gate Stucco Co., Henry Cowell Lime & Cement Co., and the Contra Costa Bldg. Materials Co.

#### BIDS OPENED

**OAKLAND.** Alameda Co., Calif.—Pacific Portland Cement Co., 111 Sutter St., San Francisco, at \$14,960, less a discount of \$0.10 per bbl, making a net bid of \$13,860, submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Informal Proposal No. 866, for furnishing 5,500 bbis. portland cement

concrete.

All other bids were identical at \$14,960, no discount, and were submitted by Albert C. Moe, Chas. S. Hughes Co., Rhodes & Jamieson, Ltd., Central Bldg. Materials, Rhodes & Kennedy, Alta Bldg. Materials, Melrose Bldg. Materials, Transit Concrete, Ltd., Golden Gate Stucco Co., Henry Cowell Lime & Cement Co., and the Contra Costa Building Materials Co.

#### BIDS OPENED

**LOS ANGELES.**—Bids for 580,000 lbs. fabricated steel for Del Rey-P. E. Ry. bridge over Ballona Creek, were opened by the U. S. Engineer, Los Angeles, under Circular Prop. No. 292. The bids were:

Wisconsin Bridge & Iron Co., Milwaukee—\$0.0546 lb.; \$31,668, total; f.o.b. Milwaukee, Wis.

Minneapolis-Moline Power Improvement Co.—\$0.0648 lb.; \$37,584 total; f.o.b. Minneapolis, Minn.

Bethlehem Steel Co.—\$0.064 lb.; \$37,120 total; f.o.b. Chicago, Ill.  
Consolidated Steel Corp.—\$0.0665 lb.; \$38,570 total; f.o.b. job site.

#### BIDS OPENED

**BOCA, Calif.**—Following bids received by the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Denver, under Bid No. 26,019-A, for furnishing 9,000 bbis. of standard portland cement, in cloth sacks, f.o.b. Boca, Calif., for use on the Little Truckee Project:  
Cowell Portland Cement Co.—\$2.605 per bbl.

Pacific Portland Cement Co.—\$2.652 per bbl.

Yosemite Portland Cement Co.—\$2.81206 per bbl.

Calaveras Cement Co.—\$2.812206 per bbl.

Monolith Portland Cement Co.—\$2.83499 per bbl.

Santa Cruz Portland Cement Co.—\$2.86544.

## Bethlehem Steel Bars and Strip

Flat, Round, Half-round, Square Bars.  
Hot-Rolled, Cold-Rolled Strip.

Stocks in San Francisco,  
Los Angeles and Seattle.

### BETHELEM STEEL COMPANY on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.



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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- |                                    |                               |
|------------------------------------|-------------------------------|
| 21.—Bridges                        | 30.—Reservoirs and Dams       |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells      |
| 23.—Irrigation Proj.               | 32.—Sewers & Sewage Equipment |
| 24.—St. Light, Systems             | 33.—Water Works               |
| 25.—Machinery and Equipment        | 34.—Parks & Play grounds      |
| 26.—Railroads                      | 35.—Tunnels                   |
| 27.—Fire Alarm Sys.                |                               |
| 28.—Fire Equipment                 |                               |
| 29.—Streets & Highways             |                               |

## 21— BRIDGES

### CONTRACT AWARDED

**TUOLUMNE CO.** Calif.—B. A. Hawkins, 1182 Market St. San Francisco, at \$32,608.50, awarded contract by the Bureau of Public Roads, San Francisco, C. H. Sweetser, District Engineer, for constructing the south fork of the Tuolumne River Bridge and approach, on Section A-1 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne County.

## 25—MACHINERY AND EQUIPMENT

### BIDS OPENED

**FRESNO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 377, for the rental of two track-laying tractors, each to be not less than 60 hp., and coupled with 8 c.y. power scraper, carryall type, for use on WPA projects, f.o.b. Municipal Airport, Fresno:

- Cornell Tractor Co.—(1) \$5.75; (2) \$5.75; discount, 3% 20 days, 2% 30 days.  
 John Jurkovich, Fresno—(1) \$7; (2) \$7; net.  
 R. L. Oakley, Los Angeles—(1) \$8.30; (2) \$10; net.  
 Plombo Bros., S. F.—(1) \$9; (2) no bid; discount, 2%, 20 days.  
 Guerin Bros., S. F.—(1) \$9.70; (2) no bid; net.  
 Hanrahan Co., S. F.—(1) \$10.40; net.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3774, for the rental of one 40-hp. Diesel tractor with bulldozer, scraper and scarifier, for use on WPA projects f.o.b. Geneva Ave. and Rio Verde, San Francisco:

T. H. Farish, S. F.—\$4.15; net.  
 A. L. Green, S. F.—\$4.40; net.  
 A. S. Willis, S. F.—\$4.72; net.  
 W. A. Trimble, S. F.—\$4.75; net.

### BIDS OPENED

**MARIPOSA.**—C. A. Baker, 620 El Camino Ave., North Sacramento, at \$3.20 per hour, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3754, for the rental of one tractor, of not less than 60 drawbar hp., and with bulldozer, for use on WPA projects, f.o.b. Mt. Bullion Airport, Mariposa. Complete bids follow:

C. A. Baker, North Sacramento—\$3.70.  
 Valley Tractor & Equipment Co.—\$4.50.

Francis H. James, Oakland—\$5.66.  
 Guerin Bros., San Francisco—\$5.75.  
 Hanrahan Co., San Francisco—\$6.90.  
 All bids net.

### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3775, for the rental of one No. 10 S concrete mixer, mounted on wheels, 4 or 6-cylinder radiator-cooled gas engine, water-measuring tank and vibrating self-loading skip, for use on WPA project, f.o.b. 34th Ave. and Lincoln Way, San Francisco:

Chas. H. Nelson.....\$64.50  
 O. G. Ritchie.....72.50  
 C. C. W. & H. H. Hann.....74.00  
 A. Soda & Son.....80.00  
 Portola Truck Service.....123.50  
 Francis H. James.....125.00  
 All bids net.

### BIDS OPENED

**LOS ANGELES, Cal.**—Bids for 50 steel muck cars, Bid No. 81476, opened by Metropolitan Water District Purchasing Agent, were: Western Pipe & Steel Co., \$600 each, \$30,000; weight 7000 lbs.; fob plant Los Angeles; tax if applicable, \$900; net 30 days. Madsen Iron Works, \$615 ea., \$30,750, wt. 6520 lbs., fob plant Los Angeles, tax \$922.50, net 30 days. Pacific Iron & Steel Co., \$630 each, \$31,500; wt. 6630 lbs.; fob plant Los Angeles; net. Pressed Steel Car Co., Inc. (Kopper Div.) \$460 each, \$23,000; wt. 6625 lbs.; fob McKees Rock, Pa.; net cash 30 days after shipment. A. J. Bayer Co., \$669 each, \$33,450; wt. 6700 lbs.; fob plant Los Angeles; net. Buehler Tank & Welding Wks., \$603 each, \$30,150; wt. 6250 lbs.; fob Los Angeles; tax \$904.50; net.

### BIDS OPENED

**LODI, San Joaquin Co., Calif.**—Following bids received by the Lodi City Council, J. F. Blakeley, City Clerk, for furnishing three 72-kva., 2400-volt, compensated, outdoor type regulators, for use on Y-connected, neutral grounded, 4160 volt phase-to-phase circuit; or one 3-phase regulator of equivalent capacity:

- General Electric Co.: three units, \$7,713; alternate, \$5,616; alternate, \$5,375.  
 Westinghouse Electric & Mfg. Co.: three units, \$7,274.73; alt., \$7,713.39; single unit, \$5,616.14  
 Albs-Chalmers: three units, \$7,365.23, single unit, \$5,360.98.  
 Bids held under advisement until May 17.

## Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street  
Sacramento • California

## 26— RAILROADS

### SUB CONTRACTS AWARDED

**ALAMEDA CO., Calif.**—J. H. Pomeroy & Co., Inc., 323 Montgomery St., San Francisco, has awarded the following material contracts in connection with the construction of the East Bay Yard superstructure of the railway facilities of the San Francisco-Oakland Bay Bridge, in Alameda County:

**Structural Steel**—Columbia Steel Co., Russ Bldg., San Francisco.  
**Reinforcing Steel**—Concrete Engineering Co., 1280 Indiana St., San Francisco.

**Concrete**—Transit Concrete, Ltd., 2560 Peralte Oakland.

### CONTRACT AWARDED

**HICKAM FIELD, T. H.**—Max W. Moody, Honolulu, at \$38,694 awarded contract by Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W-297-37-17, for the construction of a railroad and parallel highway to the Magazine Area at Hickam Field.

The work involves:

- (1) Work complete, construction of railroad and parallel highway to the Magazine Area;
  - (1) (Alt.) if re-lay rails are used in lieu of new re-rolled steel rails, add or deduct;
  - (1) (1) Unit prices:
    - (1) Excavation (unclass.) per c.y.;
    - (2) Fill or ballast from Government borrow;
    - (3) New redwood ties, each;
    - (4) 45-pound new re-rolled rails, per ton;
    - (5) 45-lb. re-lay rails, per ton;
    - (6) Bolts, nuts and lock washers, per pound;
    - (7) Spikes, per 100 lbs.;
    - (8) Rail bracers, each;
    - (9) Splice plates, per pair;
    - (10) 18-in. reinf. concrete drain pipe per lf.;
    - (11) 12-inch do.
- Total bids follow:
- (A) Max W. Moody, Honolulu: (1) \$41,072; (1) deduct \$2,378.  
 (B) Moses Akiona, Honolulu: (1) \$56,000; (1) deduct \$2,500.  
 (C) Hawaiian Contr. Co., Ltd., Honolulu: (1) \$69,348; (1) no bid.  
 (D) George Hess, Honolulu: (1) \$87,640; (1) deduct \$900.  
 (E) Walker & Olund, Ltd., Honolulu: (1) \$89,500; (1) no bid.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$1.00	\$0.50	\$1.50	\$2.00	\$2.50
(2)	.75	.37	.75	.75	.50
(3)	1.65	1.90	1.75	1.80	2.00
(4)	65.00	100.00	100.00	65.00	275.00
(5)	48.00	90.00		55.00	275.00
(6)	115	20	13	12	14
(7)	7.00	10.00	8.00	7.50	8.00
(8)	.50	.50	.45	.45	1.00
(9)	1.25	2.75	1.40	***	3.00
(10)	2.00	3.25	2.25	2.50	3.00
(11)	1.00	2.25	1.10	2.00	2.50

\*\*\*45 lb., \$1.40; 60 lb., \$2.10.

## 29— STREETS AND HIGHWAYS

### CONTRACT AWARDED

**VALLEJO, Solano Co., Calif.**—J. E. Johnston, Webster Ave. and E Street, Stockton, at \$33,998.44, awarded contract by the Vallejo City Council for replacing portions of Sacramento, York, Capitol, and Virginia Streets. T. D. Kilkenny, City Engineer.

**BIDS WANTED**

SACRAMENTO, Calif.—Until May 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for the construction of a line change at 42nd and D Streets.

- The work involves:
- (1) 80 c.y. excav., unclass.;
  - (2) 231 sq. ft. sidewalk to be removed;
  - (3) 307 l.f. curb and gutter, cut No. 6, to be removed;
  - (4) 4260 sq. ft. 4-in. asph. concrete pavement to be removed;
  - (5) 3 gutter drains, cut No. 11, to be placed;
  - (6) 88 l.f. 6-in. VI drain pipe, to be placed;
  - (7) 298 l.f. curb and gutter, cut No. 6, to be constructed;
  - (8) 120 tons crusher run base;
  - (9) 57 tons 2-in. asph. cone pavement, top course;
  - (10) 131 gals. 90-95 liquid asphalt;
  - (11) 7 tons screenings;
  - (12) 473 sq. ft. 3½-in. x 15-ft. conc. sidewalk to be constructed.

Plans and specifications obtainable from the above office.

**BIDS WANTED**

SACRAMENTO, Calif.—Until May 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for the improvement of H street at 3rd and Mission Way.

- The work involves:
- (1) 237 l.f. concrete curbs and gutters, cut No. 5, to be removed;
  - (2) 54 l.f. concrete curbs alone, removed;
  - (3) 1230 l.f. concrete curbs and gutters, cut No. 6, removed;
  - (4) 6 gutter drains removed and delivered Corp. Yard;
  - (5) 4665 sq. ft. concrete sidewalk, to be removed;
  - (6) 8 trees under 10 in., removed;
  - (7) 2 walnut trees, approx. 30-in. dia., removed;
  - (8) 25,620 sq. ft. 5½-in. asph. cone pavement, removed;
  - (9) 1210 l.f. concrete curbs and gutters, cut No. 6, constructed;
  - (10) 20 l.f. concrete curbs alone, to be constructed;
  - (11) 3980 sq. ft. conc. sidewalk, do;
  - (12) 5 gutter drains to place, cut No. 11;
  - (13) 1 concrete manhole complete, to be constructed, cut No. 1-A;
  - (14) 2 concrete manhole to be reconstructed to grade;
  - (15) 152 l.f. 6-in. VI drain pipe to be placed;
  - (16) 125 l.f. 8-in. do;
  - (17) 675 cu. yd. grading unclass.;
  - (18) 760 tons crusher run base;
  - (19) 553 tons asph. cone, pave.;
  - (20) 716 gals. 90-95 liquid asphalt;
  - (21) 30 tons screenings;
  - (22) 125 sq. ft. 5-in. sidewalk to be constructed.

Plans and specifications obtainable from the above office.

**CONTRACT AWARDED**

ALAMEDA CO., Calif.—Independent Constr. Co., Ltd., 46th Ave. and Clement St., Oakland, at \$25,519, awarded contract by the Alameda City Council for paving, constructing concrete gutters, etc., on High St., a length of 4,407 feet, from San Jose Ave. over the Estuary and High St. bridge.

**BIDS WANTED**

SACRAMENTO, Calif.—Until May 15, 4:15 p.m., bids will be received by the Sacramento City Council, H. L. Denton, City Clerk, for installing electric "Stop and Go" signals at Tenth and J Streets, Eighth and K Streets, Twelfth and K Streets, and Twelfth and L Streets, Sacramento.

Plans and specifications obtainable from the above office upon deposit of \$15.

**BIDS WANTED**

STOCKTON, San Joaquin Co., Cal.—Until May 17, 5 p.m. (to be opened at 8 p.m.), bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for the resurfacing of South El Dorado Street, between Lafayette St. and Charter Way. Estimated cost, \$12,500.

- The work involves:
- (1) 40 c.y. earth excav.;
  - (2) 44.1 tons gravel base pavement;
  - (3) 1,960 sq. ft. exist. pavement to be lowered;
  - (4) 19,695.84 sq. yds. existing pavement surface to be placed, including removal of existing pavement adjacent to gutters and removal of trimmings, etc.;
  - (5) 819 tons liquid asphalt for paint coat;
  - (6) 2,216 tons asphaltic concrete leveling course and wearing surface course;
  - (7) 32 existing manholes to be raised.
- Plans and specifications obtainable from the office of City Engineer Lyle Payton upon deposit of \$5.

**BIDS WANTED**

OAKLAND, Cal.—Until May 18, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of 28th Street between Eddy and Cypress streets.

- The work involves:
- (1) 2,727 s.y. preliminary grading;
  - (2) 755 cu. yd. imported fill;
  - (3) 8,888 sq. ft. concrete pavement;
  - (4) 6,370 sq. ft. waterbound macadam shoulders with armor coat surface;
  - (5) 106 l.f. 10-in. pipe conduit;
  - (6) 1 storm water inlet, Type M;
  - (7) 1 manhole.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad.

**CONTRACT AWARDED**

LONG BEACH, Los Angeles Co., Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, awarded contract by the Long Beach city council, at \$21,165.85, for improving 4th St. between Golden Ave. and American Ave. The quantities of asphalt items are: 431 tons A.C. base course, 2715 tons A.C. leveling course and 1687 tons A.C. Type A wearing surface.

**CONTRACTS AWARDED**

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldoek, State Highway Engineer, Portland, April 28, and contracts awarded as follows:

Clatsop, Columbia and Washington Counties: Nehalem Highway Oiling Project on Nehalem Secondary Highway, Federal Aid Secondary Projects Nos. 213-C, D, F and G and 45-E, 45-F, 45-G miles oil mat surface treatment (Type 0-9 modified). This project may be bid in combination with Linn and Yamhill Counties Oiling Project in Linn and Yamhill Counties.

Awarded: J. C. Compton, McMinnville, \$55,371.

Linn County: Lamh Creek-Sheep Blidge Section of Santiam Highway, Federal Aid Project No. 196-E; 1.34 miles grading, requiring approximately 201,000 cu. yd. excavation, and 3,000 cu. yd. toping materials.

Awarded: R. L. Houck, Salem, \$95,945.00.

Linn and Yamhill Counties: Linn and Yamhill Counties Oiling Project on three secondary highways, Federal Aid Secondary Project No. 230-A and State Project; 11.43 miles oil mat surface treatment (Type 0-11 modified). This project may be bid in combination with the Nehalem Highway Oiling Project.

Awarded: J. C. Compton, McMinnville, \$33,906.

Malheur County: East Unit of Jordan Creek Section of I. O. N. Highway, Federal Lands Highway Project No. FLH 3-E; 16.46 miles grading; requiring approximately 197,000 cu. yd. excavation, and 18,000 cu. yd. run gravel topping.

Awarded: Consolidated Highway Co., Henry Bldg., Portland, \$94,962.

Malheur County: Construction of five bridges and three culverts on the Jordan Creek Section of the I. O. N. Highway, Federal Lands Highway Project No. FLH 3-E. Requires approximately 495 cu. yd. excavation; 880 l.f. treated piling; 61 MFEM (treated lumber); 446 cu. yd. concrete; 65,000 lbs. mat. reinforcement; 338,000 lbs. structural steel; and 668 l.f. concrete handrail. (This project may be bid in combination with Jordan Creek grading project.)

Bidder: F. E. Johnston, Newberg, \$40,923; held under advisement.

Marion County: Removal and replacement of abutstructure for west approach to bridge over Willamette River, on the Salem-Dallas Highway at Salem, State Project. Requires approximately 130 MFEM treated lumber and 16 MFEM untreated lumber.

Low Bidder: Averill & Corbin, Rt. 10, Portland, \$16,325; held under advisement.

**CONTRACTS AWARDED**

STATE OF OREGON.—Bids for highway construction were opened by the Oregon State Highway Commission, R. H. Baldoek, State Highway Engineer, Portland, and action taken as follows:

Douglas County: Wilson Ranch-Paradise Creek Section of Umpqua Highway; 7.5 miles resurfacing, also furnishing of 12,000 cu. yd. crushed gravel in stock pile. Requires approximately 32,000 cu. yd. crushed gravel.

Low Bidder: Roy L. Houck, Salem, \$45,500; referred for award.

Harney County: Burns-Buchanan Section of Central Oregon Highway; 21.8 miles roadbed topping and road-mix oiled surfacing. Requires approximately 50,300 cu. yd. selected pit-run gravel topping materials and 256,000 sq. yds. road mix oiled surfacing.

Awarded: Warren Northwest, Inc., P. O. Box 5072, Portland, \$126,808.

Harney and Lake Counties: Valley Falls-Cinder Butte Section of Lakeview-Burns and Fremont Highways; 9.7 miles oil mat surface treatment (Type 0-30 modified).

Awarded: Babler Bros., 2407 NW 28th, Portland, \$74,313.

Klamath County: Beatty-Bly Section of Klamath Falls-Lakeview Highway. Furnish 5,700 cu. yd. crushed rock in stock pile. This project may be bid in combination with Klamath Falls Rock Production Project in Klamath County.

Awarded: R. I. Stuart & Son, Medford, \$12,986.

Klamath County: Klamath Falls Rock Production Project on The Dalles-California, Green Springs, and Klamath Falls-LaRevere Highways. Furnish 20,100 cu. yd. crushed rock in stock pile. This project may be bid in combination with Beatty-Bly Rock Production Project in Klamath Co.

R. I. Stuart & Son, Medford, \$38,250.

Clatsop County: Rainrock-Greenleaf Creek Section of Siuslaw Highway; 16.21 miles oil mat surface treatment (Type 0-9 modified).

Awarded: Babler Bros., 2407 NW 28th, Portland, \$126,635.

Tillamook County: Short Sand Beach Creek Section of Oregon Coast Highway; 1.24 miles grading; requiring approximately 180,000 cu. yd. excavation.

Awarded: Roy L. Houck, Salem, \$94,963.

**Washington County:** Middleton-Votaw Section of West Side Pacific Highway; 12 miles grading and Portland cement concrete pavement. Requires approximately 34,000 c.y. excavation; 9,000 c.y. crushed rock in base and shoulders; 15,600 sq. yds. Portland cement concrete pavement; and 900 sq. yds. asphaltic concrete pavement.

**Low Bidder:** Mountain States Construction Co., Eugene, \$53,517; referred for award. 9

#### AWARD RECOMMENDED

**ELDORADO CO., Calif.—**Award of a contract to L. Bisotti & Sons, P.O. Box 587, Stockton, and John Rocca, Box 44, San Rafael, at \$26,662.05, for 2.326 miles grading of Section 11 of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

#### BIDS WANTED

**MODESTO, Stanislaus Co., Calif.—**Until May 12, 7:30 p.m., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, City Hall, for furnishing and placing pavement over culverts, as required, involving approximately 400 tons of asphaltic concrete.

Plans and specifications obtainable from the office of City Engineer Frank J. Rossi.

#### BIDS WANTED

**APACHE CO., Ariz.—**Until May 18, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for constructing Holbrook-St. Johns Highway, F.A. 6-B, 1st Reop. (1937) A.F.E. 2659. The work extends from Concho northerly for 5½ miles and consists of grading, drainage, aggregate base course and asphaltic surface treatment, and is to be completed before Nov. 30, 1937. The work involves:

- 44,600 c.y. roadway excav.
- 800 c.y. struc. excav.
- 52,900 sta. yds. overhaul;
- 1,200 c.y. mile haul;
- 42,800 c.y. imported borrow;
- 201,000 c.y. select materials;
- 12,500 tons aggregate base course;
- 13,700 c.y. stripping pits;
- 1,575 M. gals. sprinkling;
- 650 hours rolling;
- 174 c.y. Class A concrete;
- 12,200 lbs. reinf. steel;
- 1,252 ft. corr. metal pipe;
- 56,800 ft. line fence;
- 71,300 gals. SC-2 road oil;
- 54 tons cover coat (concr. sand).

Specifications obtainable from the above office.

#### NOTICE TO BIDDERS

**SAN LUIS OBISPO CO., Calif.—**A representative of the District Office will accompany prospective bidders over the proposed project in San Luis Obispo County, between San Luis Obispo Creek and Cuesta Siding, road V-SLO-2-D, for which bids are to be received in Sacramento on May 19.

Said representative will meet prospective bidders at the office of the District Engineer, 50 Higgins St., San Luis Obispo, any time during working hours, 9 to 5 daily and 9 to 12 on Saturdays.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection as early as possible.

#### NOTICE TO BIDDERS

**STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised, bids to be opened in Sacramento, May 19**

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provision. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The cost of the prints follows:

V-SLO-2-D—Bet. San Luis Obispo Creek and Cuesta Siding; PLANS (No. of Sheets), 25; cost, \$2.50; CROSS-SECTIONS (No. of Sheets), 203; cost, \$20.30; total, \$22.80.

X-S-J-4-Sktn—Undergrade crossing under the tracks of the A., T. & S.F. Railway at Wilson Way in the City of Stockton; PLANS (No. of Sheets) 30; cost, \$4.50; CROSS-SECTIONS (No. of Sheets), 14; cost, \$1.40; total, \$5.90.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, California.

#### CONTRACT AWARDED

**YERBA BUENA ISLAND—**Frederickson & Watson Constr. Co., and Frederickson Bros., 873 81st Avenue, Oakland, at \$88,513.36 awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-241, for the construction of a roadway, less paving and preparation of subgrade, on Yerba Buena Island, for a length of approximately 2591 feet and a width of 64 feet.

The work is located on the west side of Yerba Buena Island, and consists of clearing and grubbing right of way, roadway excavation, building embankments to grade and cross-section, furnishing and constructing a concrete retaining wall, temporary timber trestles, a steel and concrete trestle, timber cribs, miscellaneous drainage structures including one catch basin and corrugated metal pipe culverts, and all incidental work. The work does not include preparation of subgrade, paving of roadway and of temporary timber trestles, and supplying and placing catch basins other than the one specified above.

#### BIDS WANTED

**SACRAMENTO, Calif.—**Until May 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for the improvement of the approach to the "I" Street bridge.

The work involves:

- (1) 300 c.y. excav. concrete
- (2) 117 lf. 2-in. concrete gutter alone to be removed;
- (3) 160 lf. 2-in. concrete curb and gutter to be removed;
- (4) 1350 sq. ft. 3½-in. conc. sidewalk to be removed;
- (5) 4200 sq. ft. 5½-in. asphaltic pavement to be removed;
- (6) 3 gutter drains.
- (7) 4 10- to 12-in. trees, removed;
- (8) 1 gutter drain, reset;
- (9) 30 lf. 6-in. V I drain pipe to be placed;
- (10) 182 lf. 2-in. conc. gutter alone to be constructed;
- (11) 2 gutter drains, cut 11 to be placed;
- (12) 170 lf. concrete curb and gutter, cut No. 5, to be constructed;
- (13) 200 sq. ft. 3½-in. conc. sidewalk to be constructed;
- (14) 120 tons crusher run base;
- (15) 325 gals. paint binder;
- (16) 220 tons asphalt. conc. pave;
- (17) 420 gals. 90-95 liquid asphalt;
- (18) 1½-ton screenings.

Plans and specifications obtainable from the above office.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.—**Gogo and Rados, 10,253 Santa Monica Blvd., Los Angeles, at \$314,170 awarded the contract by the Los Angeles County Supervisors for the construction of spillway of San Gabriel Dam No. 1. Plans and specifications were prepared by C. H. Howell, chief engineer, and Paul Baumann, assistant engineer in charge of dams.

#### CONTRACT ASSIGNED

**VALLEJO, Solano Co., Calif.—**J. E. Johnston, Weber Ave. and E Street, Stockton, successful bidder at \$33,988.44 for repaving portions of Sacramento, York, Capitol, and Virginia Streets, has assigned the contract to A. G. Raich, 1 De Haro St., San Francisco, for \$1 and other valuable considerations. Raich's bid on the work was second low at \$36,663.54. Complete bids published April 29. T. D. Kilkenny, City Engineer.

#### BIDS WANTED

**MODOC COUNTY, Calif.—**Until May 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.1 miles grading and surfacing with plant-mixed surfacing in Modoc County between 14 miles west of Hot Creek and Alturas.

The work involves:

- (1) 67 acres clear and grub right of way;
- (2) 3,900 M. gallons water;
- (3) 136,800 c.y. rdwy. excav., unclassified;
- (4) 2,530 c.y. struc. excav.;
- (5) 480 c.y. ditch and channel excavation;
- (6) 13 c.y. remove and dispose of existing concrete;
- (7) 421,500 sta. yds. overhaul;
- (8) 532 sta. fishing rdwy.;
- (9) 68,200 c.y. imported borrow;
- (10) 17,000 tons mineral aggregate (plant-mix surf.);
- (11) 900 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 115 tons liquid asphalt ROMC-4 or ROMC-4 (seal coat);
- (13) 200 tons liquid asphalt, SC-2 (prime coat);
- (14) 1,000 tons sand (seal coat);
- (15) 29,850 lbs. bar reinforcing steel (struct.);
- (16) 305 c.y. Class A Portland cement concrete (struct.);
- (17) 534 lf. 12-in. CMP;
- (18) 3,494 lf. 18-in. CMP;
- (19) 458 lf. 24-in. CMP;
- (20) 76 lf. 42-in. CMP;
- (21) 34 lf. 60-in. CMP;
- (22) 46 lf. 12-in. CMP siphons;
- (23) 96 lf. 18-in. CMP siphons;
- (24) 188 lf. remove, clean and salvage existing CMP;
- (25) 211 lf. remove, clean and re-lay existing CMP;
- (26) 3 each 12-in. conc. pipe joints.
- (27) 3 each 18-in. do.
- (28) 1 each drop inlet frame and cover.
- (29) 138 each culvert markers;
- (30) 91 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

#### CONTRACT AWARDED

**FRIANT, Fresno Co., Calif.—**A. J. Clausen, 686 Cragmont Ave., Berkeley, at \$24,905.98 awarded contract by the Bureau of Reclamation, Walker R. Young, Construction Engineer, Sacramento, under Spec. No. 887-D, for construction of street, alley, parking area, and sidewalk grading and surfacing, and sewer and water systems for the Government camp site at Friant Dam, about 22 miles north of Fresno.

Complete bids published March 16.

**BIDS WANTED**

**FLUMAS COUNTY, Calif.**—Until May 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat on about 20 miles in Flumas County between Howells and  $\frac{1}{4}$  mile south of Keddie.

The work involves:

- (1) 375 tons liquid asphalt, 90-95;
  - (2) 4,400 tons screenings (seal coat);
  - (3) 2,000 tons do (stockpile).
- Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

**BIDS WANTED**

**TUOLUMNE COUNTY, Cal.**—Until May 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 6.2 miles surfacing with untreated crushed gravel or stone base and road-mix surf. in Tuolumne County between Stoddard Springs and McCoy Saddle.

The work involves:

- (1) 3,200 tons untreated crush. gravel or stone base;
- (2) 110 tons liquid asphalt SC-2 (prime coat);
- (3) 520 tons do SC-3 or SC-4 (surfacing);
- (4) 12,000 tons mineral aggregate surfacing.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton.

**BIDS WANTED**

**TEHAMA CO., Calif.**—Until May 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.8 miles surfacing with road-mix surfacing and applying seal coat thereto, in Tehama County, between Route 86 and Morgan Springs.

The work involves:

- (1) 4,650 cu. y. mineral aggregate;
- (2) 320 tons liq. asphalt, ROMC-3 (surfacing);
- (3) 46 tons liq. asphalt, ROMC-3 (seal coat);
- (4) 325 cu. y. sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

**BIDS WANTED**

**KIN 38 CO., Calif.**—Until May 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 8.6 miles surfacing with plant-mix surf. in Kings River area between Kings River Slough and Halls Corner.

The work involves:

- (1) 1,500 cu. y. road-mix surf.
- (2) 2,200 cu. y. 1 1/2-in. sub-base
- (3) 35,000 lbs. asphalt SC-1A or SC-2 (prime coat)
- (4) 20,000 sq. yd. 1 1/2-in. 3-point binder
- (5) 2,700 cu. y. 1 1/2-in. 3-point binder-mix surf.
- (6) 171 tons liq. asphalt SC-1 (seal coat)
- (7) 250 tons liq. asphalt SC-1 (shoulders)
- (8) 31,000 sq. yd. of primary surfacing and shaping shoulder.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

District Engineer in San Francisco, Los Angeles, and Fresno.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until May 19, 10 A. M., bids will be received by Los Angeles Board of Public Works for grading, paving and otherwise improving Broadway from 87th to 93rd Sts., a cash contract, involving:

- (1) lump sum—grading (615 cu. y. excavation, no fill) incl. removal of existing improvements;
- (2) 70,887 sq. ft. concrete paving 8-in. thick (6-in. concrete base, 2-in. asphalt conc. wearing surf.);
- (3) 6,079 sq. ft. asphalt concrete wearing surface, variable thickness (average 1 1/4-in.);
- (4) 11 ft. unplastered light class. curb;
- (5) 35 sq. ft. 8-in. concrete gutter;
- (6) 2 catch basins remodeled;
- (7) 2 existing manholes reset.

**BIDS WANTED**

**SISKIYOU COUNTY, Calif.**—Until May 26, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 20.3 miles grading and Macdoel.

The work involves:

- (1) 1100 acres clear and grub right of way (inside slope lines);
- (2) 203 acres clear right of way (outside slope lines);
- (3) 31,700 cu. rdwy. excav. unclass. (Location A);
- (4) 82,000 cu. do (Location B);
- (5) 300,000 sta. yds. overhaul;
- (6) 400 cu. yd. ditch and channel excavation;
- (7) 75,000 cu. y. imported borrow;
- (8) 2,000 cu. y. struc. excav.;
- (9) 841 sta. finishing roadway;
- (10) 35,000 lbs. bar reinforcing steel (struc.);
- (11) 325 cu. y. Class A Portland Cement concrete (struc.);
- (12) 550 lf. 12-in. CMP;
- (13) 2,436 lf. 18-in. CMP;
- (14) 140 lf. 24-in. CMP;
- (15) 36 lf. 48-in. CMP;
- (16) 42 lf. 60-in. CMP;
- (17) 148 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

**BIDS WANTED**

**STATE OF WASHINGTON**—Until May 18, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway and bridge construction as follows:

**Pierce & Thurston Counties:** Paving with Portland cement concrete on about 2.4 miles of Primary State Highway No. 1, Olympia to Nisqually East End Paving, involving about 22,850 cu. y. of excavation, 12,980 cu. y. of selected roadway borrow and shoulder material, 58,839 sq. yds. of cement concrete pavement, 14,748 lf. of cable guard rail Design No. 6, 11,000 lf. of pipe culverts and other items.

**Whitman County:** Clearing, grading, draining, surfacing with crushed stone and producing and stockpiling mineral aggregates (oil rock) on about 3.3 miles of Primary State Highway No. 3, Garfield North, involving about 62,240 cubic yards of excavation, 31,690 cubic yards of crushed stone and mineral aggregates (oil rock), 1,882 linear feet of pipe culverts and other items.

**Lewis & Pacific Counties:** Constructing light bituminous surface treatment, bituminous surface treatment mix type, Class "B" and bituminous retard surface on about

26.7 miles of Primary State Highways Nos. 5 and 12, Section 1, Lindberg to Elbe; Section 2, Kosmos to Morton; Section 3, Beam Road to Pluvius, involving about 1,477 tons of bituminous cement and other items.

**Gray's Harbor County:** Grading, paving with Portland cement concrete and constructing a steel thru truss bridge with reinforced concrete approaches on about 0.5 miles of Primary State Highway No. 1, Satsop River Bridge and Approaches, involving about 31,120 cubic yards of excavation, 2,640 cubic yards of selected roadway borrow, 4,808 square yards of cement concrete pavement, 2,029 cubic yards of concrete, 2,020 linear feet of cable guard rail, Design No. 6, 149,000 pounds of siliceous and 346,000 pounds of carbon structural steel, 312,250 pounds of steel reinforcing bars, 26,300 lbs. of steel, 4,080 linear feet of precast concrete piling, 160 linear feet of pipe culverts and other items.

**Clallam County:** Manufacturing and stockpiling mineral aggregates (oil rock) and constructing a bituminous macadam Class "D" pavement type surface on about 5.7 miles of Primary State Highway No. 9, Sequim to Blyn, involving about 7-150 cubic yards of mineral aggregates (oil rock), 463 tons of bituminous cement and other items.

**Gray's Harbor County:** Manufacturing and stockpiling crushed stone surfacing on about 42.3 miles of Primary State Highways Nos. 9 and 13, Section 1, Hoquiam to Cook Creek and Section 2, Cosmopolis to Gray's Harbor-Pacific County Line, involving about 10,730 cubic yards of crushed stone for top course.

**Whitman County:** Constructing a treated pile and timber overcrossing with concrete deck 170 feet long and treated pile and timber treated with halostated deck 53 feet long on Primary State Highway No. 3, Garfield North, Federal Aid Grade Crossing Project, No. F.A.G.H. 213-C, and Unit 2 of Federal Aid Project No. 213-B, in Whitman County, Washington, involving about 149 cubic yards of concrete, 24,000 pounds of steel reinforcing bars, 67 M.B.M. of creosote treated and 2.6 M.B.M. of zinc chloride treated timber and lumber, 1,720 linear feet of treated timber piling and other items.

Plans and specifications obtainable from the above office upon deposit of \$2 per set.

**32—RESERVOIRS & DAMS****BIDS WANTED**

**BONNEVILLE, Oregon**—Until June 1, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Bldg., Portland, under Bid No. 694-37-281, for Constructing a chain fence block, emergency stop log storage area, upper guide wall extension, section of railroad track and embankment for same, chain fender and operating machinery, bridge platform and stairs, cut-off wall, electrical vault, a 16-in. pipe drain from Monolith 25 to tallwater, and miscellaneous items to constitute a completed project at Bonneville.

The work involves:

- (1) 40,000 lf. timber piling below cut-off;
- (2) 8,000 lf. timber piling above cut-off;
- (3) 8,000 lbs. metal shoes;
- (4) 58,000 cu. y. excavation; common;
- (5) 4,000 cu. y. excavation; solid rock;
- (6) 1 job. cofferdam;
- (7) 107 lf. track bed siding;
- (8) 800 cu. y. crushed rock or crushed gravel, screenings and gravel in place;



- (9) 350 c.y. placing hand-placed riprap;
- (10) 370 lf. 4-in. diam. drain tile;
- (11) 40 lf. 6-in. diam. drain tile;
- (12) 20 lf. 10-in. diam. drain tile;
- (13) 250 lf. 10-in. diam. vitrified pipe;
- (14) 50 lf. 4-in. diam. soil pipe;
- (15) 4 each, street washers;
- (16) 5,600 lbs. galv. W.I. pipe and fittings;
- (17) 121 lf. drilling anchor holes;
- (18) 1 job, drain line from Monolith 25 to tailwater;
- (19) 1 job, timber stop logs in cut-off wall;
- (20) 1 job, emergency stop log sills;
- (21) 1 job, sills for stop log storage areas;
- (22) 1000 c.y. concrete—Class A;
- (23) 8,000 c.y. concrete, Class B;
- (24) 500 lf. copper water stops;
- (25) 1 job, tile gages;
- (26) 1,400 lf. fiber conduit, in place;
- (27) 543,500 lbs. reinforcing steel, in place;
- (28) 9,700 lbs. floor plates;
- (29) 300 lbs. floor gratings;
- (30) 276 lf. hand railing;
- (31) 16,000 lbs. structural carbon steel in place;
- (32) 16,452 lbs. structural carbon steel—copper bearing;
- (33) 6,000 lbs. iron castings;
- (34) 16,500 lbs. misc. metal—placing only;
- (35) 8,600 lbs. structural nickel steel;
- (36) 1,400 lbs. carbon steel forgings;
- (37) 2,200 lbs. carbon steel castings;
- (38) 260 lbs. bronze;
- (39) 1,600 lbs. steel pipe and fittings;
- (40) 1 job, chain fender operating equipment in place;
- (41) 1 job, other electrical equipment and installation;
- (42) 8 each, floor drains.

Plans and specifications obtainable from the above office upon deposit of \$10 in the form of a money order or certified check payable to "The Districting Officer, U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland."

### BIDS WANTED

**SHOSHONE RESERVATION, Nevada.**—Until May 20, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, Room 522, 8th and Figueroa Sts., Los Angeles, for construction of earthen diversion dam on Owyhee River at Shoshone Reservation, Nev., near Owyhee, F. P. No. 205.

The work involves:

- (1) lump sum—diversion and care of river during construction;
- (2) lump sum—stripping, rolling & preparation of embankment;
- (3) 1700 c.y. excav. common, (cut-and-trench);
- (4) 25,300 c.y. do (spillway);
- (5) 1925 c.y. excav., struc.;
- (6) 25,000 c.y. excav., unclass. (canals);
- (7) 286 c.y. excav., solid rock;
- (8) 10,400 c.y. earth fill in embank.;
- (9) 167 c.y. conc. mass in weir;
- (10) 350 c.y. reinf. conc.;
- (11) 33,000 lbs. placing reinf. bars;
- (12) 895 c.y. riprap;
- (13) 5,000 lbs. placing and painting metal work.

Invit. No. 0393. Specifications are available from above upon payment

### 31—PIPE LINES & WELLS

#### BIDS WANTED

**SAN MATEO COUNTY, Cal.**—Until May 21, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. No. W. D. 141, for the replacement of a portion of the Stone Dam Aqueduct with 48-in. concrete pipe.

The section of the aqueduct to be replaced connects at its upstream end to an existing tunnel and at its

downstream end to an existing 44-inch steel pipe inverted siphon. The upstream end is accessible by a private road and is approximately 5.5 miles from the town of Millbrae.

The work consists of the removal of approximately 2,900 ft. of an existing wooden flume, comprising a portion of the Stone Dam Aqueduct, and replacement of the same with a 48-inch inside dia. reinforced concrete pipe.

The work involves:

- PROPOSITION I**  
48-in. Monolithic Concrete Pipe
- (1) 2,900 lf. removing existing timber flume;
- (2) 4,400 c.y. trench excav., unclass.;
- (3) 200 c.y. structure excav. unclass.;
- (4) 60 c.y. concrete for structures;
- (5) 890 c.y. concrete for 48-in. I.D. monolithic pipe;
- (6) 70,900 lbs. reinforcing steel;
- (7) does not apply to Prop. I;
- (8) 25 lf. 42-in. I.D. concrete pipe for spillway discharge;
- (9) 1.2 MFEM furnishing and installing redwood timber;
- (10) 950 lbs. furnishing and installing misc. metal work;
- (11) one each, furnishing and installing 4-in. gate valves.

#### PROPOSITION II

- 48-in. Centrifugally Spun Concrete Pipe
- (1) 2,900 lf. removing existing timber flume;
- (2) 4,000 c.y. trench excav., unclass.;
- (3) 200 c.y. structure excav. unclass.;
- (4) 58 c.y. concrete for struc.;
- (5) does not apply to Prop. II;
- (6) 6,000 lbs. reinforcing steel;
- (7) 2,900 lf. furnishing and laying 48-in. I.D. centrifugally spun concrete pipe;
- (8) 25 lf. 42-in. I.D. concrete pipe for spillway discharge;
- (9) 1.2 MFEM furnishing and installing redwood timber;
- (10) 1,050 lbs. furnishing and installing misc. metal work;
- (11) one each, furnishing and installing 4-in. gate valves.

Plans and specifications obtainable at Room 605, San Francisco Water Department Building, 425 Mason St., San Francisco, upon deposit of \$100.00.

N. A. Eckart, General Manager and Chief Engineer.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BIDS WANTED

**VALLEJO, Solano Co., Cal.**—Until May 17, 10 A. M., bids will be received by the Vallejo City Council, City Hall, for the construction of sewers in Napa, Sonoma and Maryland Streets.

The work involves:

- (1) 1036 lf. untreated Douglas fir piling;
- (2) 2842 lf. creosoted do;
- (3) 200 each, driving piles;
- (4) 11.5 MBM Douglas fir lumber and timber;
- (5) 14.5 MBM redwood lumber and timber;
- (6) 14 MBM timber trench bracing;
- (7) 100 c.y. additional excavation;
- (8) 50 tons quarry waste;
- (9) 900 c.y. Portland cement concrete jacket;
- (10) 272 lf. 39-in. ID reinforced concrete pipe sewers, all trench depths;
- (11) 8 lf. 30-in. VC pipe sewer, all trench depth;
- (12) 200 lf. 18-in. do, over 7-ft. depth
- (13) 120 lf. 18-in. do, 4 to 7 ft., inclusive;
- (14) 361 lf. 18-in. do, less than 4 ft.;
- (15) 69 lf. 15-in. do, all trench depths;
- (16) 50 lf. 12-in. do, trench depth over 8-ft.;
- (17) 316 lf. 12-in. do, 4 to 8 ft., inclusive;

- (18) 150 lf. 12-in. do, less than 4 ft.;
- (19) 100 lf. 8-in. do, all trench depths;
- (20) 240 lf. 6-in. do.;
- (21) 4 only, manholes, depth less than 5 ft.;

- (22) 1 only, manhole, depth over 5 ft.;
- (23) 1 only, manhole, special sub-structure;
- (24) 7 only, catchbasins;
- (25) 3 c.y. concrete curb, gutter and sidewalk;
- (26) 16 ft. 48-in. I D reinf. concrete pipe (furnished by city) transported and laid complete.

Plans and specifications obtainable from the office of City Engineer T. D. Kilkenny upon deposit of \$10.

#### BIDS WANTED

**LOS ANGELES.**—Until May 19, 10 a.m., bids will be received by the Los Angeles board of public works for construction of concrete work and appurtenances, including bar screen structure and incinerator, at Terminal Island sewage treatment plant (Terminal Island, San Pedro), PWA Project No. 5633, Unit No. 3h-1.

The items are:

- (1) construction of concrete work, including all appurtenances;
- (2) construction of a bar screen structure, including all appurtenances;
- (3) construction of an incinerator, including all appurtenances.

#### BIDS OPENED

**MODESTO, Stanislaus Co., Cal.**—Bids for furnishing equipment and materials to be used in the construction of an extension to sewer system were opened by the Modesto City Council April 28.

Bids were taken as follows:

- (1) Four-arm 90-ft. diameter rotary sewage distributor complete, in place with cast-iron base, spray nozzles and appurtenances thereon; distributor shall be capable of uniformly distributing liquid at a rate of 9,000,000 gals. per day under a maximum head of 2 ft.;
- (2) One vertical 12-in. suction, single stage, axle flow, propeller type pump, with capacity of 3,000 g.p.m. at 8½ ft. total dynamic head, including one 220-volt, 3-phase, 60-cycle, vertical motor; motor shall be either 870 or 1170 r.p.m.;
- (3) One vertical 12-in. suction, single stage, axle flow, propeller type pump with capacity of 2,400 g.p.m. at 8½ ft. total dynamic head, including one 220-volt, 3-phase, 60-cycle, vertical motor; motor shall be either 870 or 1170 r.p.m.;
- (4) 92 ft. 10-ga. armo. or equal, asbestos coated corrugated sewer pipe.

Complete bids follow:

- Waterworks Supply Co., San Francisco: (1) \$4,500.
- Dorr Co., Los Angeles: (1) \$5,043; Alt., \$4,593.
- Fairbanks Morse Co., San Francisco: (2 and 3) \$1190.35.
- Victor Equipment Co., San Francisco: (2) \$932.93, add \$37.05 for float and \$79.28 for panel board; (2-Alt.) \$709.50, add \$37.05 for float and \$79.28 for panel board; (3) \$565.31, add \$37.05 for float and \$79.28 for panel board.

California Corrugated Culvert Co., Berkeley: (4) \$580.03.

Francis J. Rossi, city engineer.

Bids held under advisement until May 12.

#### BIDS WANTED

**SAN DIEGO.**—Until May 13, 11 a.m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8446, for extension of sanitary sewer at the Naval Operating Base (Air Station), San Diego.

The work consists of the provision of all materials and the extension of an existing under-water, 24-in. outfall. The outfall extension will be approximately 156 feet long and will be founded on the under-water beach bottom, except the outboard section will be supported on two creosoted wood pile bents.

Plans and specifications obtainable from the above office upon deposit of \$10.

### PLANS AND SPECIFICATIONS BEING PREPARED

**HEALDSBURG, Sonoma County**—Final plans and specifications for construction of a modern municipal sewage pumping plant and treatment works are being prepared by Harry N. Jenks, 2701 Boulevard, Berkeley, engineer. The plans will probably be completed about the middle of June.

A proposal to issue \$35,000 in bonds to finance construction carried at a special election April 20.

### 33— WATER WORKS

May 4, 1937.

#### BIDS OPENED

**PITTSBURG, Contra Costa Co., Calif.**—Following bids received by the Pittsburg City Council, Frank R. Taormina, City Clerk, for construction of a water filtration plant for the municipal water supply of the City of Pittsburg. Bids were taken as follows:

Proposal No. 1: Installing all concrete and reinforcing necessary to construction of the "Spray Basin," "Wash Water Storage Tank" and the "Sand Trap."

Proposal No. 2: Equipment and material (exclusive of concrete covered by Proposal No. 1) for complete installation and housing of an aeration and filtration plant.

Proposal No. 2-alternate: Housing, erection and completion of aerating and filtration plant, filter equipment or pumps and motors being of manufacture other than that specified but of equivalent quality and performance.

Complete bids follow:

	Prop. No. 1	Prop. No. 2	Ait.
Robert B. Mc-Nair, Oakland	\$6110	\$27,818	\$27,320
W. J. Tobin, Oakland		6522	27,794
Fred J. Early, Jr., S. F.	6125	29,666	27,869
F. L. Burr, S. F.	\$34,760 (1 & 2)		32,635

Bids taken under advisement. Action on award of contract to be taken May 10.

#### BIDS WANTED

**ALAMEDA COUNTY** Until May 3, P. M., bids will be received by the Public Utilities Commission, Room 257, City Hall, for relocating the Goulart well, located near Santa Rita in Alameda County. Specifications obtainable at Room 701, 125 Mason St., San Francisco.

#### CONTRACT AWARDED

**YERBA BUENA ISLAND**—Herman Lawson Co., 465 Tehama St., San Francisco, at \$113,033.80 awarded contract by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 565-37-242 for the construction of a pump station and pipe line to transport water from Pier W-1 of the San Francisco-Oakland Bay Bridge at Spear St. in San Francisco, to within 140 ft. of a proposed reservoir site on Yerba Buena Island, a total distance of 11,750 feet.

Work consists of constructing a pump station at Pier W-1 of the San Francisco-Oakland Bay Bridge

and a pipe line from the easterly curb of Spear St., in San Francisco, through the pump station, across San Francisco-Oakland Bay Bridge, to within 140 feet of the proposed reservoir site on Yerba Buena Island.

The following sub-contracts were submitted with the bid:

**Pump**—Fairbanks Morse and Co., Spear and Harrison Sts.

**Electrical Equipment**—Westinghouse Electric & Mfg. Co., 1 Montgomery Street

**Telemetering Equipment**—The Bristol Co., Riado Bldg.

#### BIDS OPENED

**SAN DIEGO, Cal.**—Agua Systems, New York City, submitted low bid to Treasury Dept., Public Buildings Branch, Washington, D. C., at \$8959 for gasoline fueling system, Coast Guard Air Station, San Diego. Bennett & Taylor, Los Angeles, submitted only other bid at \$9213.

#### BIDS OPENED

**LOS ANGELES, Cal.**—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, submitted the low bid to P. Nicklin, Purchasing Agent, Department of Water and Power, at \$16,520.15 for the installation of cast iron pipe water supply lines. Spec. No. X-100 (Units 1-A, 1-B, and 1-C).

The total bids were:

(A) Macco-Robertson, Ltd.: Unit 1-A, \$2225.70; Unit 1-B, \$8624.25; Unit 1-C, \$5670.20.  
(B) J. C. Hickey, Alhambra: Unit 1-A, \$4024.50; Unit 1-B, \$14,922.50; Unit 1-C, \$7701.00.  
(C) Marko Matick, Los Angeles: Unit 1-A, no bid; Unit 1-B, \$11,005.40; Unit 1-C, no bid.

The items were:

#### UNIT NO. 1-A

(a) 131 tons delivery of 2690 1/2 cast iron pipe, cast iron pipe fittings, and gate valves from Bureau of Water Works & Supply Yards to trenchside on San Fernando Rd. west, per ton;  
(b) 2690 1/2 excav. pipe trench in graded streets, in easements, in R.R. R/W; in tunnels under or excavations across any streets, etc., per ft.;  
(c) 2690 1/2 12-in. diam. pipe line, placing pipe in trench, etc., per ft.;  
(d) 2690 1/2 backfilling trench for 12-in. main, per ft.

#### UNIT NO. 1-B

(a) 485 tons pipe and fittings delivered from yards to trenchside on 103rd St., per ton;  
(b-1) 5895 1/2 excav. pipe trench for 16-in. main, per ft.;  
(b-2) 1400 1/2 excav. pipe trench for 12-in. main, per ft.;  
(b-3) 1480 1/2 excav. pipe trench for 8-in. main, per ft.;  
(c-1) 5895 1/2 16-in. diam. pipe line, per ft.;  
(c-2) 1400 1/2 12-in. diam. pipe line, per ft.;  
(c-3) 1480 1/2 8-in. diam. pipe line, per ft.;  
(d-1) 5895 1/2 1/2 backfill trench for 16-in. main;  
(d-2) 1400 1/2 1/2 backfill trench for 12-in. main;  
(d-3) 1450 1/2 backfill trench for 8-in. main.

#### UNIT NO. 1-C

(a) 267 tons pipe and fittings delivered from yards to trenchside on Ventura Blvd., per ft.;  
(b) 4240 1/2 excav. trench for 16-in. main, per ft.;  
(c) 4240 1/2 16-in. diam. pipe line, per ft.;  
(d) 4240 1/2 backfill trench for 16-in. main, per ft.

UNIT NOS. 1-A, 1-B AND 1-C No. 1-a, item (e); 1B and 1-C joints, price each (extra work); 1-b, 1-b item (e); 8-in. pipe lead

joints, price each (extra work); (e-1) 12-in. same; (e-2) 8-in. same; (e-3) 8-in. same; No. 1-c, item (e-1): 24-in. pipe lead joints; (e-2) 16-in. same; (e-3) 12-in. same; (e-4) 8-in. same; (e-5) 6-in. same; The unit bids were:

	(A)	(B)	(C)
Unit No. 1-A	(a).....\$200	\$300	\$.....
	(b).....	23	40
	(c).....	39	70
	(d).....	08	25
Unit No. 1-B	(a).....	200	400
	(b-1).....	29	40
	(b-2).....	29	40
	(b-3).....	29	40
	(c-1).....	38	80
	(c-2).....	38	80
	(c-3).....	38	80
	(d-1).....	20	30
	(d-2).....	20	30
	(d-3).....	20	30
Unit No. 1-C	(a).....	250	400
	(b).....	30	40
	(c).....	57	80
	(d).....	31	30
Units 1-A, 1-B and 1-C	(1a).....	500	300
	1-B-16-in.....	650	400
	12-in.....	500	300
	8-in.....	400	250
	6-in.....	300	200
	1-C-16-in.....	1150	500
	16-in.....	650	400
	12-in.....	500	300
	8-in.....	400	250
	6-in.....	300	200

### 34— PARKS AND PLAY GROUNDS

#### CONTRACT AWARDED

**SAN FRANCISCO**—Anchor Post Fence Co., 460 Fifth St., at \$448.47, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1780, for furnishing chain link fence, complete, for the Rossi Playground (WPA project).

#### BIDS WANTED

**VENTURA, Calif.**—Until June 1, 10 a. m., bids will be received by the Procurement Division, Public Bldg. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Ventura.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building at Ventura.

#### CONTRACT VOIDED

**SAN MATEO CO., Calif.**—Rexroth & Rexroth, 2110 C. Station A, Bakerfield, has refused to sign a contract awarded them by the State Division of Highways, C. H. Pursell, State Highway Engineer, Sacramento, for trimming roadside trees between Millbrae and San Mateo, for which they submitted a low bid of \$2,691.50.

Second low bid was submitted by the Davey Tree Surgeon Co., San Francisco, at \$5,957.75.

#### BIDS WANTED

**HOLLISTER, San Benito Co., Calif.**—Until June 3, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office, at Hollister.

Specifications may be obtained from the above office and from the Custodian of the Building at Hollister.

#### BIDS WANTED

**MONTBELLLO, Los Angeles Co., Calif.**—Until June 1, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch,

Washington, D. C. for seeding and planting the grounds of the U. S. Post Office at Montebello.

Specifications may be obtained from the above office and from the Custodian of the Building at Montebello.

**BIDS WANTED**

**SALINAS, Monterey Co., Calif.—** Until May 28, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Salinas.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Salinas.

**BIDS WANTED**

**MADERA, Calif.—** Until June 1, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Madera.

Drawings and specifications may be obtained from the above office

and from the Custodian of the Bldg. at Madera.

**BIDS OPENED**

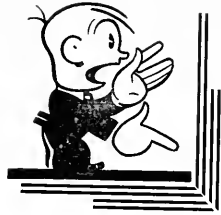
**SAN FRANCISCO.—** Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, San Francisco, under Bid No. 868-37-258, for furnishing 3,300 l.f. line fencing, one 12-ft. double swing gate, three corner posts, and one end post, for Port Funston:

Copperweld Steel Co., Rialto Bldg., San Francisco—\$5,503.17; f.o.b. Waukegan, Ill.; delivery, 40 days; no discount.

Kamlan Fence Co., 351 Bryant St., San Francisco—\$9,552; f.o.b. Monessen, Pa.; delivery, 17 days; no discount.

Standard Fence Co., 440 Bayshore Blvd., San Francisco—\$11,035.50; f.o.b. Port Funston; delivery, 60 days; no discount.

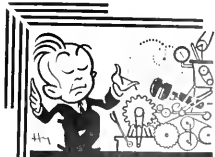
Anchor Post Fence Co., 460 Fifth St., San Francisco—\$5,582; f.o.b. Baltimore, Md.; delivery, 30 days; discount, 1% 10 days.



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**TEHAMA COUNTY—RED BLUFF BRIDGE—(State)**

**TEHAMA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at \$255,194** submitted low bid to State Division of Highways, C. H. Parcell State Highway Engineer, Sacramento, for the construction of a plate girder bridge with concrete deck across the Sacramento river at Red Bluff, consisting of two 143-ft. spans, one 126-ft. span, two 108-ft. spans, and two 96-ft. spans on concrete piers and abutments with steel pile foundations.

The work involves:

- (1) 1,000 c.y. struc. excav. (abutments);
- (2) 2,600 c.y. do (piers);
- (3) 390,000 lbs. bar reinf. steel;
- (4) 950 c.y. Class A portland cement concrete (footing blocks);
- (5) 1,700 c.y. Class A do (piers);
- (6) 1,810 c.y. Class A portland cement concrete (abutments and superstructure);
- (7) 1,022,000 lbs. struc. steel;
- (8) 1,621 l.f. steel railing;
- (9) 43,400 lbs. cast steel;
- (10) 17,570 l.f. steel piles, including

- test piles (furnishing);
- (11) 502 each steel piles, including test piles (driving);
- (12) 50 each steel pile splices;
- (13) 24 each rdwy. drains;
- (14) 1 lot lighting equipment;
- (15) 1 only existing steel truss span to be removed;
- (16) 1 lot misc. items of work.

Total bids follow:

- (A) J. F. Knapp, Oakland, \$255,194.
  - (B) Lord and Bishop, Sacramento, \$279,214.75.
  - (C) Gates & Huntley, Los Angeles, \$281,961.30.
  - (D) Bodenhamer Const. Co., Oakland \$297,571.12
  - (E) George Pollock Co., Sacramento \$308,684.00
  - (F) Pacific Bridge Co., San Francisco, \$337,200.00.
  - (G) Guy F. Atkinson, San Francisco, \$337,992.00.
  - (H) D. W. Thurston, Los Angeles, \$346,887.50.
  - (I) Andy Sordal and R. R. Bishop, Long Beach, \$347,614.50.
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$ 1.00	\$ 1.50	\$ 1.90	\$ 2.50	\$ 2.00	\$ 3.00	\$ 1.50	\$ 1.75	\$ 3.00
(2).....	4.50	9.00	8.50	10.00	5.00	11.75	15.00	23.50	19.50
(3).....	.054	.0575	.06	.0578	.06	.055	.06	.05	.057
(4).....	11.00	14.00	12.00	17.00	15.00	17.20	19.00	15.50	13.50
(5).....	14.00	16.00	15.00	18.00	30.00	23.00	20.00	26.00	25.00
(6).....	19.00	20.00	27.00	21.00	27.50	27.80	22.00	27.00	21.00
(7).....	.086	.089	.082	.09	.085	.086	.10	.08	.095
(8).....	8.00	8.25	8.70	9.42	10.00	9.00	12.00	8.00	9.30
(9).....	.15	.14	.18	.167	.16	.14	.20	.17	.25
(10).....	1.60	1.65	1.68	1.45	1.50	2.50	1.75	1.45	1.56
(11).....	6.00	11.00	7.50	20.00	20.00	20.00	20.00	30.00	10.00
(12).....	10.00	5.00	8.00	4.00	25.00	5.00	5.00	6.00	12.00
(13).....	25.00	30.00	50.00	17.50	25.00	30.00	25.00	25.00	30.00
(14).....	5400.00	5000.00	4030.00	6162.00	5000.00	5500.00	5000.00	4500.00	2500.00
(15).....	1000.00	1500.00	1460.00	1519.00	1000.00	2200.00	1000.00	1500.00	1185.00
(16).....	5900.00	1000.00	1000.00	1400.00	1000.00	2900.00	1252.00	2500.00	1000.00

**New Amsterdam**  
**Walter Company**

COMPENSATION - GENERAL LIABILITY - PLATE GLASS  
ACCIDENT AND HEALTH - FIDELITY AND SURETY  
BURGLARY - AUTOMOBILE INSURANCE  
Branch Office, Pacific Coast Department  
Walter W. Derr, Resident Vice-President—Read Gibson, Manager  
242-44 SANSOME STREET, SAN FRANCISCO

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## WAR DEPARTMENT

**FORT LEWIS, Wash.—**Until May 12, 10 a. m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under Bid No. 488-37-58, for furnishing 1200 bbls. portland cement; 6,000 lf. pre-moulded asphalt expansion joint; 1,000 cu. y. washed gravel; 500 cu. y. of washed sand; 1,300 lf. concrete sewer pipe; 40 concrete benches, and 2 cement finishing brushes.

Specifications obtainable from the above office.

**FORT MASON.—**Until May 13, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-401, for furnishing one gasoline power driven lawn mower, 20-in. cutting width, heavy duty type, 1 hp.

Specifications obtainable from the above office.

**FORT MASON, Cal.—**Until May 14 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-403, for furnishing Douglas fir No. 2, common, Sugar pine, Fonderosa pine, or White fir lumber.

Specifications obtainable from the above office.

**FORT MASON, Cal.—**Until May 14 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-402, for furnishing scrubbing brushes, cotton mops, corrugated ash and garbage cans, etc.

Specifications obtainable from the above office.

**FORT MASON, Cal.—**Until May 14, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-995, for furnishing mop handles, etc.

Specifications obtainable from the above office.

**FORT MASON.—**Until May 17, 10 a. m., bids will be received by the Contracting Quartermaster, Fort Mason, under Bid No. W 6616-37-101, for furnishing 4 hand lawn mowers, 200 lf. garden hose, one ballbearing motor-driven bench grinder, and one ratchet breast drill.

Delivery to: Pier No. 1, Fort Mason.

Specifications obtainable from the above office.

**FORT MASON.—**Until May 13, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-400, for furnishing one brake-lining girder, electric, portable, 3-hp. motor, current, 110-volt and one electric motor, direct current, motor to be 25 to 75 amps., 20 volt, etc.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.—**Under May 24, 2 P. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 6570-37-22 for furnishing supplies and equipment for gas-

oline filling station at the Air Depot, including welded steel, wrought iron and cast iron pipe; pipe fittings, valves, couplings, 10,000 gal. capacity tanks, dispensing units, water closets, flush valves, lavatory, gas steam radiators, conduit, etc.

Specifications obtainable from the above office.

**FORT MASON.—**Until May 15, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-404, for furnishing 49,800 lbs. sodium thiosulphate crystals, commercial grade.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.—**Until May 14, 10 A. M., bids will be received by the Contracting Officer, Air Depot, under Bid No. 488-37-59, for furnishing 10,000 ft. galvanized pipe, 9,000 lf. black pipe, black and galvanized pipe nipples, lumber, lead, paint, truck wheels, acoustic tile, etc.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.—**Until May 12 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-207, for furnishing 5,300 ft. standard hoisting rope of high grade uncoated plow steel.

Delivery: to Rio Vista.

Specifications obtainable from the above office.

**FORT McDOWELL, Calif.—**Until May 14, 10:30 A. M., bids will be received by the Quartermaster, Fort McDowell, under Proposal No. QM 536-37-32, for furnishing 160 barrels of portland cement in paper bags.

Delivery: to Pier No. 1, Fort Mason (foot of Laguna St.) or to car at origin.

Specifications obtainable from the above office.

**MEDFORD, Ore.—**Until May 14, 10:30 A. M., bids will be received by Captain H. J. Meuring, District Quartermaster, CCC, Medford, for furnishing a water pump, shallow well, sufficient size and pressure to supply not less than 2,000 gallons of water per hour through 2-in. pipe, a distance of 5,280 ft. and a lift of 160 ft., to be operated by water-cooled gasoline engine of not over 800-rpm.

Specifications obtainable from the above office.

**SAN FRANCISCO.—**Until May 13, 10 a. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. F. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 568-37-271, for furnishing Douglas fir lumber.

Delivery: to Fort Funston.

Specifications obtainable from the above office.

## RECLAMATION SERVICE

**BOISE PROJECT, Idaho.—**Until May 21, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, for furnishing and delivering log cars at the shipping point and/or Bramwell Sliding, Ida.

Material steel for railroad bridge at station 797 plus 8846 of the Blackfoot Canal, Payette Division of

Boise Project, Idaho. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.50, not returnable.

**CENTRAL VALLEY PROJ., Cal.—**Until May 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 922-D for furnishing and delivering log cars at the shipping point and/or Friant, a trickling filter for installation in a sewage disposal plant at the Government camp at the Friant Dam, Central Valley project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**BOULDER CANYON, Nevada.—**Until June 1, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 733, for furnishing and delivering log cars at the shipping point and/or Boulder City, seven 27,500-kv-a, 50/60-cycle, single-phase, oil-immersed, forced-oil cooled, 13,600/16,220 to 132,800/200,000-volt transformers; and one Petersen coil for units A-6 and A-7 in the Boulder Power Plant, Boulder Canyon Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.50, not returnable.

**GRAND COULEE DAM, Wash.—**Until May 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 921-D, for furnishing and delivering log cars at the shipping point and/or Coulee, Wash., one motor-drive, vertical shaft, deep-well pumping unit having a capacity of 1,000 gals. per minute when operating at a total dynamic head of 140-ft. for installation at the Grand Coulee Dam, Columbia Basin Project, Wash. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

**MOON LAKE PROJECT, Utah.—**Until May 24, 10 A. M., will be received by the Bureau of Reclamation, Duchesne, Utah, E. J. Westenhouse, Construction Engineer, under Spec. No. 920-D, for clearing the Moon Lake Reservoir site, Moon Lake Project.

The work is located about 35 miles north of Duchesne and involves about 420 acres of clearing, which is divided into two schedules.

Plans and specifications obtainable from the Bureau of Reclamation at Duchesne or at Denver, Colo., without charge to prospective bidders; to others, \$0.50, not returnable.

**CASPER - ALCOVA PROJECT, Wyoming.—**Until May 14, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 920-D, for furnishing and delivering log cars at the shipping point or in the storage yard at the manufacturing plant, precast reinforced concrete pipe for use in the construction of structures on the Casper-Alcova Project, Wyoming.

The pipe will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.25, not returnable.

### MET. WATER DISTRICT

LOS ANGELES.—Until May 25, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for platform, footwalk, and other items of structural steel. Spec. 214. The schedules are: Sch. 1—Fabricated structural steel platform for service platform and operating floor for outlet tower of Cajalco Reservoir, with structural steel cylinder braces and sheave hoods required for same structure. Sch. 2—Fabricated structural steel footwalk for spillway of Gene Wash Reservoir. Certified or cashier's check, \$200. Charge \$1.00 per set for specifications. F. E. Weymouth, General Manager and Chief Engineer.

LOS ANGELES.—Until May 17, 11 a.m., bids will be received by Metropolitan Water District, Los Angeles, for SALE of aggregate plant equipment located at Little Morongo Camp, 11 miles north of Garnet. Bid SM-217.

### TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for the rental of equipment for use on WPA projects, as follows:

MAY 13, 10 A. M.:

BID NO. 3839: One concrete mixer, mobile, 2-sack capacity, with elevating hopper; fob Fresno Municipal Airport, Fresno.

Specifications obtainable from the above office.

### U. S. FOREST SERVICE

GOVERNMENT ISLAND. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

May 18, 2 P. M.

BID NO. 4661—664 woven wire steel deak baskets; f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

### CALIFORNIA STATE

NORTH HOLLYWOOD, Cal.—Until May 11, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation 54674, Req. No. 9651, for furnishing one  $\frac{3}{4}$ -c.y. full-revolving, gasoline engine driven power shovel.

Delivery to Division of Highways, Shop 7, fob North Hollywood.

Specifications obtainable from the above office.

### EAST BAY UTILITY DIST.

OAKLAND.—Until May 12, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, for furnishing:

Informal Proposal No. 811: 692  $\frac{3}{4}$ -in. square steel rods, 37 ft. 1 $\frac{1}{2}$  in. long;

Informal Proposal No. 872: Two Chevrolet trucks, 1 $\frac{1}{2}$  tons each.

Specifications obtainable from the above office.

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Somebody is going to light the buildings you design, and that lighting can be friend or foe to the effect you wish to produce.

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Bay Span Rail Terminal Bids

June 16



*State Advertises Seven Highway Contracts*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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JOB  
IN  
WESTERN CONSTRUCTION**

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# PACIFIC CONSTRUCTOR

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## FOURTEEN JOBS NOW ON STATE BID CALENDAR

Advertising Flurry, Started  
Last Week, Continued  
By Commission

SACRAMENTO, May 11.—The State Highway Commission swelled its list of major highway projects out for bids to fifteen today by authorizing eight additional contracts for advertising. Bids on all eight projects will be opened in Sacramento June 2.

Work advertised today is located by counties as follows:

**MENDOCINO:** Grading and surfacing with plant-mixed surfacing about 3.1 miles between Sapp Creek and Pepperwood School.

**INYO:** Grading and applying road-mix surfacing on about 2.2 miles between Bishop and Owens River.

**KERN:** Grading and applying road-mix surfacing on about eight-tenths of a mile and constructing a timber bridge, east of Monolith.

**CONTRA COSTA:** About 3.5 miles surfacing with plant-mixed surfacing and constructing and oiling the shoulders between Walnut and 3.5 miles northerly.

**ALAMEDA:** Surfacing with plant-mixed surfacing and constructing and oiling shoulders on about 3.2 miles between Warm Springs and Irvington.

**PLUMAS:** Constructing a reinforced concrete girder bridge across Spanish Creek near Quincy. The bridge will consist of two 30-foot and six 40-foot spans.

**MONTREY:** Road-mix surfacing and seal coat on shoulders, and seal coat on portion of existing pavement on about 25.7 miles between San Ardo and King City and between Santa Rita and the northerly boundary.

## Fresno Firm Bids Wishiah Hospital

WASHINGTON, D. C., May 11.—Trewitt-Shields & Fisher, Fresno, at \$63,650, today submitted low bid to the Department of the Interior for construction of a hospital and accessory buildings at Wishiah Sanitarium, Sacramento Agency, Midstate Construction Co. Fresno, was second low bidder for the contract, with a proposal of \$66,420.

## GRIFFITH LOW ON VENTURA GRADING

LOS ANGELES, May 13.—Griffith So., 502 Los Angeles Railway building, Los Angeles today submitted a low bid of \$3,651 to the State Division of Highways here for grading and surfacing with asphalt concrete and plant-mixed surfacing about two and two-tenths miles in Ventura county, between Pyle road and Telegraph road.

Second and third low bidders, respectively, for the contract were Dimmitt & Taylor, Los Angeles, at \$91,372; and United Concrete Pipe Corp., Los Angeles, at \$92,684.

## BIDS SCHEDULED ON ALTERATIONS AT STATE FARM

Proposals June 8 for Kitchen  
Changes, Boiler Plant  
At Stockton

SACRAMENTO, May 11.—Contributing to the rush of contracts placed on the market today by California state agencies, the State Division of Architecture invited bids for additions and alterations to the state hospital farm at Stockton.

Proposals on the contract will be opened in Sacramento June 8, State Architect George B. McDougal announced.

### Boiler Plant

Work includes additions and alterations to the kitchen building, a reinforced concrete structure with wood framed roof; and construction of a new reinforced concrete boiler plant building with steel sash and tile roofs, to be constructed around the existing boiler equipment.

Segregated bids will be taken on three contracts: for general work, for electrical work, and for plumbing and heating.

Complete Construction Reports—  
Building and Engineering News  
of California and Principal  
Projects in all Other  
Western States

—in—

"Daily Pacific Builder"

## ASK PROPOSALS ON INTERURBAN DEPOT IN S. F.

Structure at First and Mission  
Will Provide Access to  
East Bay Trains

SACRAMENTO, May 11.—Bids for construction of the San Francisco terminal for the interurban rail system to operate over the San Francisco-Oakland Bay Bridge will be opened June 16, Chief Engineer C. H. Purcell announced here today.

The proposal sheet will include an extensive bidding schedule of 84 items.

The structure will be three stories in height, of reinforced concrete construction, with granite facing on the headhouse and steel roof framing over the track level on the top floor. It will have reinforced concrete floors, and roofing will be composition over concrete. The building itself will be 165 feet wide by 700 feet long.

### Ramps, Stairways

Located at First and Mission streets, the building will house an intricate system of ramps and stairways by means of which passengers will have access to and from high-speed electrically operated trains which will arrive and depart on elevated tracks.

Two alternate plans are proposed in the bidding schedule. Plan One involves construction of extensive garages in the west end of the building, while plan two calls for construction of the terminal omitting the garages.

Bids will be taken for general work only; for structural steel work only; for mechanical work only; for electrical work only; for general construction and structural steel work; and for general construction, structural steel, mechanical and electrical work.

### Platforms Roofed

All tracks and loading platforms in the terminal will be entirely roofed for the 700-foot length of the structure, with lighting provided by large skylights and windows.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1192	Abati	Owner	8000
1193	Baker	Owner	12000
1194	Becher	Kenley	3000
1195	Becher	Kenley	3000
1196	Cook	Rousseau	9000
1197	Dawson	Hamill	1000
1198-1202	Doelger	Owner	6000
1203	Hogan	Hamill	1000
1204	Howard	Cuthbertson	1000
1205	Johnson	Owner	4900
1206	Johnson	Owner	6000
1207	Meyer	Owner	6000
1208	Painter	Kelley	1000
1209	Richards	Hamill	2000
1210	Schwartzbeck	Thulin	1500
1211	Sumner	Thiell	2800
1212	Thorinson	Owner	5000
1213	Thorinson	Owner	5500
1214-15	A & D	Owner	4000
1219	Anderson	Anderson	4000
1220	Atkinson	Anderson	5000
1221	Bruning	Jones	8500
1222	Hayburn	Peterson	5000
1223	Lyon	Granfield	2000
1224	Matzger	Owner	2100
1225-30	Mayer	Owner	4000
1231	Mayer	Owner	5000
1232	Nelson	Owner	3000
1233	Nelson	Owner	5000
1234	Sweigert	Kramer	12500
1235	Tiornola	Owner	3000
1236	Tiornola	Owner	3000
1237	Cannon	Owner	5000
1238	Glori	Sharman	8000
1239	Heyman	Owner	5500
1240	Murphy	Owner	5000
1241	Murphy	Owner	5000
1242	Murphy	Owner	5000
1243	Sharman	Owner	5500
1244	Sharman	Owner	5000
1245	3ell	Owner	6,000
1246	Doelger	Owner	5,000
1247	Moore	Owner	1500
1248	Carey	Owner	2900
1249	Cohn	Owner	1500
1250	Custer	Augenstein	2000
1251	Hildebrand	Lindsay	3900
1252	Hogrefe	Owner	6000
1253	Langendorf	Hoffma	1200
1254-55	Lindsay	Owner	3500
1256-58	Meyer	Owner	5000
1259	Michael	Owner	5000
1260	Munson	Owner	12000
1261	Owl	Dunn	5000
1262	Ryder	Miller	1000
1263	Simon	Wagner	4500
1264	Williams	Anderson	1000
1265	Calif. Pack.	McLaughlin	1000
1266	Framer	Salomon	1250
1267	Demartini	Frachin	1500
1268	Stonson	Owner	5000
1269	Stonson	Owner	5000
1270	Union	Early	6000

**DWELLING**  
(1192) N LAWTON 70 E 25th Ave.  
Two-story frame dwelling.  
Owner and Builder—M. Abati, 1951  
Lawton Street.  
Architect—N. A. Given. \$8,000

**APARTMENTS**  
(1193) S CLAY 111 W Divisadero.  
Three-story frame apartments.  
Owner—Paul W. Baker, 2048 Market.  
Architect—R. B. Irvine, 2048 Mar-  
ket Street. \$12,000

**DWELLING**  
(1194) N GARFIELD 75 W Market  
One-story frame dwelling.  
Owner—H. F. Becher, 2074 Geary.  
Contractor—M. Kenley, 300 Judah.  
Architect—N. A. Given. \$3,000

**DWELLING**  
(1195) N GARFIELD 75 W Market  
One-story frame dwelling.  
Owner—H. F. Becher, 2074 Geary.  
Contractor—J. M. Kenley, 300 Judah.  
Architect—Not Given. \$3,000

**DWELLING**  
(1198) S MARINA 37 E Broderick.  
Two-story frame dwelling.  
Owner—C. W. Cook, 321 Kearny St.  
Contractor—O. M. Rousseau, Inc., 321  
Kearny Street.  
Architect—Wm. Gunnison, 321 Kear-  
ny Street. \$8,000

**ALTERATIONS**  
(1197) 908 CARRILLO. Alterations  
to dwelling.  
Owner—Wm. Dawson, 908 Cabrillo.  
Contractor—R. B. Hamill, 4014 Geary.  
Architect—Not Given. \$1,000

**DWELLING**  
(1198) E 14th AVE. 237 N Quintara.  
One-story frame dwelling.  
Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000  
Ave. One-story frame dwelling.

**DWELLING**  
(1199) N QUINTARA 115 W 18th  
Ave. One-story frame dwelling.  
Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(1200) N QUINTARA 94 E 17th Ave.  
One-story frame dwelling.  
Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(1201) N QUINTARA 140 W 18th  
Ave. One-story frame dwelling.  
Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(1202) E 17th AVE. 263 N Quintara.  
One-story frame dwelling.  
Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**ALTERATIONS**  
(1203) 74 GLOVER. Alter dwelling.  
Owner—Ed Hogan, 1735 Jones Street.  
Contractor—Hamill and Maier, 4014  
Geary Boulevard.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(1204) 5123 MISSION Street. Alter  
store.  
Owner—W. J. Howard, 5123 Mission.  
Contractor—T. A. Cuthbertson, 430  
Noriega.  
Architect—Not Given. \$1,000

**DWELLING**  
(1205) W 25th AVE. 200 N Rivera.  
One-story frame dwelling.  
Owner and Builder—W. Harold John-  
son, 771 25th Avenue.  
Architect—Not Given. \$4,900

**DWELLING**  
(1206) NE WAWONA and 18th Ave.  
One-story frame dwelling.  
Owner and Builder—S. F. Johnson,  
600 Wawona.  
Architect—Not Given. \$6,000

**DWELLING**  
(1207) NW MIRALOMA 682 SW  
Portola. Two-story frame dwell-  
ing.  
Owner—Meyer Bros, 735 Portola.  
Architect—Not Given. \$6,000

**ALTERATIONS**  
(1208) 1239 19th AVE. Alter dwell-  
ing.  
Owner—E. A. Painter, 1239 19th Ave.  
Contractor—Robert P. Kelly, 1434  
Lawton Street.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(1209) 579 SEVENTH AVE. Alter  
flats.  
Owner—Wm. Richards, 579 7th Ave.  
Contractor—Hamill and Maier, 4014  
Geary Boulevard.  
Architect—Not Given. \$2,000

**REPAIRS**  
(1210) 939 HOWARD ST. Repair  
fire damage.  
Owner—H. Schwarzenbeck, c/o con-  
tractor.  
Contractor—A. L. Thulin, 63 Brady.  
Architect—Not Given. \$1,500

(1211) W BYXBEE 225 S Shields.  
One-story frame dwelling.  
Owner—C. H. Sumner, 650 Fell St.  
Contractor—H. A. Thiell, 1578 Hayes.  
Architect—Not Given. \$2,800

**DWELLING**  
(1212) S MONTEREY 145 W Faxon.  
One-story frame dwelling.  
Owner and Builder—F. H. Thorinson,  
1630 Ocean Avenue.  
Architect—Not Given. \$5,000

**DWELLING**  
(1213) N FAXON 145 W Monterey.  
One-story frame dwelling.  
Owner and Builder—F. H. Thorinson,  
1630 Ocean Avenue.  
Architect—Not Given. \$5,500

**DWELLING**  
(1214) N WAWONA, 210 W 30TH  
AVE. One-story frame dwelling.  
Owner—A & D Realty, 954 Irving.  
Architect—Glass & Hurlbut, Pacific  
Bldg. \$4000

**DWELLING**  
(1215) N WAWONA, 244 W 30TH  
AVE. One-story frame dwelling.  
Owner—A & D Realty, 954 Irving.  
Architect—Glass & Hurlbut. \$4000

**DWELLING**  
(1216) S ESCALTA, 210 W 30TH  
AVE. One-story frame dwelling.  
Owner—A & D Realty, 954 Irving.  
Architect—Glass & Hurlbut, Pacific  
Bldg. \$4000

**DWELLING**  
(1217) S ESCALTA, 234 W 30TH  
AVE. One-story frame dwelling.  
Owner—A & D Realty, 954 Irving.  
Architect—Glass & Hurlbut, Pacific  
Bldg. \$4000

**DWELLING**  
(1218) E 41ST AVE., 275 N KIRK-  
HAM. One-story frame dwelling.  
Owner—A & D Realty, 954 Irving.  
Architect—Glass & Hurlbut, Pacific  
Building. \$4000

**DWELLING**  
(1219) W 47TH AVE., 275 S TAR-  
AVAL. One-story frame dwell-  
ing.  
Owner—Bartel Anderson, 1177 De  
Haro.  
Contractor—E. A. Anderson, 1177 De  
Haro.  
Architect—Not Given. \$4000

**DWELLING**  
(1220) W 26TH AVE., 100 S TAR-  
AVAL. One-story frame dwell-  
ing.  
Owner—Jos F. Atkinson, 2852 27th  
Ave.  
Contractor—N. W. Anderson, 2427  
24th Ave.  
Architect—Not Given. \$5000

**DWELLING**  
(1220) W 26TH AVE., 100 S TAR-  
AVAL. One-story frame dwell-  
ing.

Owner—Jos. F. Atkinson, 2652 27th Ave.  
 Contractor—N. W. Anderson, 2427 24th Ave.  
 Architect—Not Given. \$5000

DWELLING  
 (1221) N. DORANTES, OPP. MONT-ALVO. Two-story frame dwelling.  
 Owner—Dorothy Bruning, care Contractor.  
 Contractor—Thos. M. Jones, 643 29th Ave.  
 Architect—Paul A. Ryan, Phelan Bldg.  
 Engineer—Thos. Chace, Berkeley. \$3650

DWELLING  
 (1222) E. 33RD AVE., 275 N U.L.O.A. One-story frame dwelling.  
 Owner—J. Hayburn, 265 10th Ave.  
 Contractor—H. L. Peterson Constr. Co., 731 Treat.  
 Architect—Not Given. \$5000

ALTERATIONS  
 (1223) NE 16TH ST. AND FLORIDA. Alter storage building.  
 Owner—Lyon & Wagners Co., 16th St. and Alabama.  
 Contractor—Granfield Farrar & Carlin, 67 Hoff.  
 Architect—Not Given. \$2000

ALTERATIONS  
 (1224) 350 3RD ST. Alter store-room.  
 Owner—J. Matzger, Prem.  
 Architect—Not Given. \$2100

DWELLING  
 (1225) SW JUANITA AND FOWLER. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1226) N. MARIETTA, 250 W DEL VALE. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1227) N. MARIETTA, 325 W DEL VALE. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1228) N. MARIETTA, 275 W DEL VALE. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1229) N. MARIETTA, 225 N DEL VALE. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1230) N. MARIETTA, 300 W DEL VALE. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

DWELLING  
 (1231) SW TERESITA AND FOWLER. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$5000

DWELLING  
 (1232) E. CLAYTON, 248 N CASELLE. One-story frame dwelling.  
 Owner—Fernando Nelson & Sons, 2901 19th Ave.  
 Architect—Not Given. \$3000

Owner—Fernando Nelson & Sons, 2901 19th Ave.  
 Architect—Not Given. \$5000

DWELLING  
 (1234) NW SUTTER AND STEINER. Two-story frame dwelling.  
 Owner—S. C. Sweigert, 1805 Steiner.  
 Contractor—John Kramer, 1906 Steiner St.  
 Architect—Not Given. \$12,500

DWELLING  
 (1235) W. ALEMANY, 58 N SEN-ECA. One-story frame dwelling.  
 Owner—Dominic Tiscornia, 1651 Alemany.  
 Architect—C. O. Clausen, 746 46th Ave. \$3000

DWELLING  
 (1236) W. ALEMANY, 29 N SEN-ECA. One-story frame dwelling.  
 Owner—Dominic Tiscornia, 1651 Alemany.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

ALTERATIONS  
 (1237) 2556 MISSION. Alter store.  
 Owner—Cannon Shoe Co., 15 Kearny.  
 Contractor—E. F. Jensen, 1257 20th Ave.  
 Architect—W. F. Clarke, care Contractor. \$1000

FRAME FLATS  
 (1238) S. GREENWICH, 137 E LAGUNA. Two-story frame flats.  
 Owner—A. Giorgi, care Contractor.  
 Contractor—Thos. R. Sharman, 3700 Broderick.  
 Architect—Not Given. \$8000

DWELLING  
 (1239) W. ROSSI, 42 N TURK. One-story frame dwelling.  
 Owner—Hayman Bros., 742 Market.  
 Architect—Not Given. \$5500

DWELLING  
 (1240) W. ANNAPOLIS, 80 N OF GOLDEN GATE. 1-story frame dwelling.  
 Owner—John Murphy, 350 Claremont.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

(1241) W. ANNAPOLIS, 55 N OF GOLDEN GATE. 1-story frame dwelling.  
 Owner—John Murphy, 350 Claremont.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

DWELLING  
 (1242) W. ANNAPOLIS, 30 N OF GOLDEN GATE. 1-story frame dwelling.  
 Owner—John Murphy, 350 Claremont.  
 Architect—C. O. Clausen, 746 46th Ave. \$5000

DWELLING  
 (1243) S BEACH, 62 E PIERCE. Two-story frame dwelling.  
 Owner—Thos. R. Sharman, 3700 Broderick.  
 Architect—Not Given. \$5500

FRAME FLATS  
 (1244) SE BEACH AND PIERCE. Two-story frame flats.  
 Owner—Thos. R. Sharman, 3700 Broderick.  
 Architect—Not Given. \$8000

DWELLING  
 (1245) SE PRAGUE, 100 E PETERSIA. One-story frame dwelling.  
 Owner—Anthony J. Bell, 175 Prague.  
 Architect—Not Given. \$9000

DWELLING  
 (1246) SW 16TH AVE. AND MORAGA. One-story frame dwelling.  
 Owner—Henry Doelger Bldr. Inc., 320 Judah.  
 Architect—Not Given. \$5000

ALTERATIONS  
 (1247) 502 PRECITA. Alter flats and store.  
 Owner—J. S. and W. L. Moore, Prem.  
 Architect—Not Given. \$1500

DWELLING  
 (1248) SE WOOLSEY, 90 E BOWDOIN. One-story frame dwelling.  
 Owner—James J. Carey, 1112 Larkin.  
 Architect—Not Given. \$5900

ALTERATIONS  
 (1249) 1031-37 GOLDEN GATE. Alter stores and flats.  
 Owner—Maurice D. Cohn, 205 Second Ave.  
 Architect—Not Given. \$1500

ALTERATIONS  
 (1250) 3511 JACKSON. Alter dwelling.  
 Owner—Dr. H. Custer, 3579 Jackson.  
 Contractor—A. E. Augenstein, Jr., 132 Judson.  
 Architect—Not Given. \$2000

DWELLING  
 (1251) E. 32ND AVE., 175 S IRVING. One-story frame dwelling.  
 Owner—Walter Hildebrand, 1345 Cole.  
 Contractor—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3900

DWELLING  
 (1252) E. 32ND AVE., 65 N CALIFORNIA. Two-story frame dwelling.  
 Owner—Herman C. Hogrefe, 359 24th Ave.  
 Architect—Conrad T. Kett, 519 California. \$6000

ALTERATIONS  
 (1253) NW 15TH ST. and SHOTWELL. Alter bakery.  
 Owner—Langendorf United Bakeries, Inc., 1160 McAllister.  
 Contractor—F. Hoffma, 11 Harper.  
 Architect—Not Given. \$1200

DWELLING  
 (1254) E. 30TH AVE., 168 N NORIEGA. One-story frame dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$5500

DWELLING  
 (1255) E. 27TH AVE., 150 S LAWTON. One-story frame dwelling.  
 Owner—C. T. Lindsay, 820 Taraval.  
 Architect—Not Given. \$3500

(1256) NW JUANITA, 295 SW OF REX. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$5000

DWELLING  
 (1257) NW JUANITA, 245 SW OF REX. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$5000

DWELLING  
 (1258) NW JUANITA, 201 SW OF REX. One-story frame dwelling.  
 Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$5000

DWELLING  
 (1259) N APTOS, 43 E OCEAN. One-story frame dwelling.  
 Owner—Michael & Bomerer, 762 De Hafo.  
 Architect—Conrad T. Kett, 519 California. \$5000

FRAMPS APARTMENTS  
 (1260) W. CASTRO, 130 S 15TH ST. Three-story frame apartments.  
 Owner—A. Munson, 2301 15th St.  
 Architect—Not Given. \$12,000

ALTERATIONS  
 (1261) 601 MARKET. Alter store.

Owner—Owl Drug Co., 657 Mission.  
Contractor—Louis C. Dunn, Inc., Mo-  
nadnock Bldg.  
Plans by Owner. \$5000

**ALTERATIONS**  
(1262) 2621 PACIFIC. Alter dwell-  
ing.  
Owner—M. A. Ryder, care Contrac-  
tor.  
Contractor—Miller & McPhillis, 4444  
Geary.

**FACTORY**  
(1263) S YOSEMITE, 75 E MEN-  
DELL. Three-story Class B  
factory.  
Owner—Simon Mattress Mfg. Co.,  
care Contractor.  
Contractor—George Wagner, 181 So.  
Park.  
Architect—Not Given. \$48,000

**ALTERATIONS**  
(1264) 61 SAN ANDREAS. Alter  
dwelling.  
Owner—Justin Williams, Prem.  
Contractor—E. A. Anderson, 1177 De  
Haro.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(1265) 101 CALIFORNIA. Alter of-  
fices.  
Owner—Calif. Packing Corp., Prem.  
Contractor—James L. McLaughlin  
Co., 251 Kearny.  
Architect—Not Given. \$1000

**REPAIRS**  
(1266) 616-22 HAYES. Repair fire  
damage to flats.  
Owner—Mr. Cramer, care Contractor.  
Contractor—L. Salomon, 1734 Bro-  
derick.  
Architect—Not Given. \$1250

**ALTERATIONS**  
(1267) 801 UNION. Alter store.  
Owner—A. Demartini, 1765 Mason.  
Contractor—Fracchia & Truffelli,  
1165 Clay.  
Architect—Albert A. Schroeffer, 244  
Kearny. \$1500

**DWELLING**  
(1268) SE WOODACRE, 90 NE OF  
OCEAN. One-story frame dwell-  
ing.  
Owner—Stoneson Bros., 1 Sloat.  
Architect—Not Given. \$5000

**DWELLING**  
(1269) E LAGUNITAS, 90 N OF  
OCEAN. One-story frame dwell-  
ing.  
Owner—Stoneson Bros., 1 Sloat.  
Architect—Not Given. \$5000

**SERVICE STATION**  
(1270) SE 17TH ST AND POTRE-  
FO. One-story steel service sta-  
tion.  
Owner—Union Oil Co., Mills Tower.  
Contractor—Fred J. Early, Jr., 369  
Pine.  
Architect—Not Given. \$6000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
825	Groefsema	Smith	1350
826	Sheppin	Ruderson	9875
827	Geary	Lewis	4000
828	Windsor	Windsor	9500
829	Pine	Williams	7500
830	Ardena	Lena	1000
831	Reynolds	Leonardo	5000
832	Dodge	Greer	4000
833	Farmer	Meyer	4750
834	Geary	Greer	3500
835	Jarvis	Greer	3500
836	Kess	Farber	3000
837	Meeker	H. Sevel	6000
838	Shea	McClure	1000
839	Wallin	Greer	5000
840	Wythe	McClure	1000
841	Saver	McClure	5000
842	Walker	Walt	5000
843	Brown	DeMa	5000

844	Kramer	Nicholson	10000
845	Meagher	Yerriek	4000
846	Wolf	Acme	4500
847	Young	Teigland	9000
850	Gonner	Conner	2000
851	Megahan	Rosenberry	6000
852	Henninon	Betz	1000
853	Carlson	Joseph	4000
854	Copeland	Saten	2000
855	Hugo	Owner	2750
856	Roberts	Owner	3500
857	Moore	Atkinson	6800
858	Schneider	Owner	1000
859	Oakland	Henrietta	3000
860	Koenig	Nichols	3500
861	Berk School	Conner	55000
862	Og	Owner	1500
863	Todd	Conner	1200
864	Van Dusen	Trammel	12830
865	Wiale	Faramie	3000
866	Baker	McClure	4000
867	Felce	Rich	2000
868	Oliva	Owner	1800
869	Stevenson	Glynn	5250

**ADDITIONS**  
(828) 1834 YOLO, BERKELEY. Ad-  
ditions.  
Owner—Miss Groefsema, Prem.  
Contractor—H. C. Smith, 2011 Fran-  
cisco.  
Architect—Not Given. \$1350

**RESIDENCE**  
(826) 109 PACIFIC AVE, PIED-  
MONT. Two-story 7-room resi-  
dence and garage.  
Owner—Marvin and Georgia Sher-  
win, 4034 Balfour St.  
Contractor—C. M. Anderson, 1853 9th  
Ave.  
Architect—Edwin L. Snyder. \$9,975

**SERVICE STATION**  
(827) 1375 GRAND AVE, PIED-  
MONT. Service Station.  
Owner—John J. Geary, 1221 Grand  
Ave.  
Contractor—Lewis & Clarke, Califor-  
nia Building.  
Plans by Richfield Oil Co. \$4000

**RESIDENCE**  
(828) 27 SHARON AVE, PIED-  
MONT. Two-story 8-room resi-  
dence.  
Owner and Builder—George Wind-  
sor, 11 Sharon Ave.  
Architect—Irwin M. Johnson, 2219  
7th Ave. \$6500

**RESIDENCE**  
(829) 701 BLAIR AVENUE, PIED-  
MONT. Two-story 7-room resi-  
dence, and garage.  
Owner—J. P. Price, 340 Hardwick  
Ave.  
Contractor—H. E. Williams, 839  
Creed Road.  
Architect—H. F. Slocombe, 131 Monte  
Cresta Ave., Oakland. \$7500

**ALTERATIONS**  
(830) 1539 BROADWAY, OAKLAND.  
Alterations.  
Owner—Arden's, 1539 Broadway.  
Contractor—N. Lena, 1174 19th St.  
Architect—E. K. Hussey, Syndicate  
Bldg. \$1000

**DWELLING**  
(831) 1900 84TH AVE, OAKLAND.  
One-story 4-room dwelling.  
Owner—J. B. Brown, 1831 94th Ave.  
Contractor—F. J. Leonardo, 1456  
86th Ave.  
Architect—J. Bond Brown, 10035 E.  
14th St. \$3000  
Also 1-story frame garage, \$250

**DWELLING**  
(832) 3614 VICTOR AVE, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Fred Dooley, 3936 Vale Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(833) 5608 PROCTOR OAKLAND.  
One-story 5-room dwelling.  
Owner—R. W. Fisher, 3933 Ruby St

Contractor—C. Moore, 446 38th St.  
Architect—Not Given. \$4750

**DWELLING**  
(834) 1258 98TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Theresa Gramspacher, 1260  
98th Ave.  
Contractor, C. W. Griffith, 1537 7th  
Ave.  
Also garage, \$150.  
Architect—Not Given. \$3500

**DWELLING**  
(835) 463 REDDING ST., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—John J. Jarvis, 3005 38th  
Ave.  
Contractor—J. F. Patterson, 3005 38th  
Ave.  
Architect—Not Given. \$3500

**DWELLING**  
(836) 4172 WILSHIRE BLVD., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—A. D. Kessell, Prem.  
Contractor—Chas. W. Falk, 1520 E.  
38th St.  
Architect—Not Given. \$4500

**DWELLING**  
(837) 3504 68TH AVE, OAKLAND.  
One-story 5-room dwelling.  
Owner—Meeker & Dodge, 1813 Ala-  
meda Ave., Alameda.  
Contractor—L. G. Hasbrouck, 1244  
Broadway, Alameda.  
Architect—Not Given. \$4600

**STORE BLDG.**  
(838) 4939 BROADWAY, OAKLAND.  
One-story store building.  
Owner—John O'Shea, Prem.  
Contractor—David Nordstrom, 354  
Hobart St.  
Architect—K. Ponsford, 900 Creed  
Road. \$5000

**DWELLING**  
(839) W. HARBOR DR., OAK-  
LAND. Two-story 7-room dwell-  
ing.  
Owner & Builder—Polke Wallin, 7529  
Outlook Ave.  
Architect—Not Given. \$5900

**ADDITION**  
(840) 3905 LAGUNA AVE, OAK-  
LAND. Addition.  
Owner—Jane Wythe, Prem.  
Contractor—Paul Martensen, 2417  
Palmetto St.  
Also 1-story add. to garage, \$100  
Architect—Not Given. \$1100

**DWELLING**  
(841) 582 ARLINGTON, BERKE-  
LEY. One-story 3-room frame  
dwelling and garage.  
Owner—Mrs. E. Savier, Prem.  
Contractor—O. E. Ringeltaube, 1498  
M. m.  
Architect—Not Given. \$2650

**DWELLING**  
(842) 777 GRIZZLY PEAK, BERK-  
ELEY. One-story 6-room frame  
dwelling and garage.  
Owner—C. Walker, 1709 Geary.  
Contractor—J. M. Walker, 401 Spruce.  
Architect—Not Given. \$5000

**DWELLING**  
(843) 2038 46TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—J. B. Brown, 640 Bancroft  
Ave., San Leandro.  
Contractor—Stanley Davis, 640 Ban-  
croft Ave., San Leandro.  
Also 1-story garage, \$200.  
Architect—Not Given. \$3300

**DWELLING**  
(844) 6016 MANCHESTER AVE.,  
OAKLAND. Two-story, 8-room  
dwelling.  
Owner—Bauer E. Kramer, Prem.  
Contractor—D. W. Nicholson, 350  
Blossom Way, San Leandro.

Architect—E. T. Foulkes, 357 12th St. \$10,000

**DWELLING**  
(845) 95 FLORADA AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Dr. F. L. Meagher, 920 Wawona Ave.  
Contractor—A. J. Yerrick, 5263 College Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(846) 1220 MOUNTAIN BLVD., OAKLAND. One-story 5-room dwelling.  
Owner—Dorothea L. Wolff, 1649 25th Ave.  
Contractor—Acme Constr. Co., 1649 25th Ave.  
Architect—Not Given. \$4500

**ALTERATIONS**  
(847) 711 WEBSTER ST., OAKLAND. Alter store.  
Owner—George Young, 354 8th St.  
Contractor—C. M. Teigland, 4607 Harbord Drive.  
Architect—Not Given. \$9000

**DWELLING**  
(848) 8908 THERMAL AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. C. Toffelmier, 8650 E. 14th St.  
Contractor—L. E. Van Ness & Son, 4920 Park Blvd.  
Architect—Not Given. \$3400

**DWELLING**  
(849) 5619 VICENTE ST., OAKLAND. One-story 6-room dwelling.  
Owner—E. Ralanelli, 4506 42nd St.  
Contractor—John Cisero, 474 42nd St.  
Architect—Not Given. \$6000

**ALTERATIONS**  
(850) 2022 GRANT, BERKELEY. Alterations.  
Owner—I. L. Conner, 2011 Grant.  
Contractor—Conner & Conner, 1733 Francisco.  
Architect—Not Given. \$2000

**DWELLING**  
(851) 20 EUCALYPTUS, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—Mabel Megahan, 2725 Prince.  
Contractor—C. C. Rosenberry, 1401 Mountain Blvd., Oakland.  
Architect—R. W. Blaine, 5574 Florence. \$6000

**ADDITIONS**  
(852) 924 FRESNO, BERKELEY. Additions.  
Owner—E. L. Rennitson, Prem.  
Contractor—C. G. Betz, 1535 Delaware.  
Architect—Not Given. \$1000

**DWELLING**  
(853) 938 LEO WAY, OAKLAND. One-story 5-room dwelling.  
Owner—C. W. Carlson, Oakland, Cal.  
Contractor—Carl E. Joseph, 2804 Humboldt Ave.  
Architect—Not Given. \$4000  
Also garage, \$300.

**ADDITION**  
(854) 385 38TH ST., OAKLAND. Addition to residence.  
Owner—G. A. Coland, Prem.  
Contractor—F. G. Saten, 3237 Miles Ave.  
Architect—Not Given. \$2000

**DWELLING**  
(855) 3751 PORTER ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Albert Hugo, 935 Santa Clara Ave., Alameda.  
Architect—Not Given. \$2750  
Also 1-story garage, \$250.

**DWELLING**  
(856) 300 CAPRICORN AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—R. W. Roberts, 6040 Valley View Dr.  
Architect—Not Given. \$3500

**DWELLING**  
(857) 150 MONTROSE, BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—R. C. Moore, care Moore Drydock Co., Oakland.  
Contractor—H. P. Atkinson, R.F.D. Box 852, Berkeley.  
Architect—F. L. Confer. \$6800

**ALTERATIONS**  
(858) 693 SPRUCE, BERKELEY. Alterations.  
Owner & Builder—M. Schneider, Prem.  
Architect—Not Given. \$1000

**SERVICE STATION**  
(859) SW COR. 21ST AND SAN PABLO AVE., OAKLAND. One-story steel service station.  
Owner—Oakland Invest. Co., Pacific Bldg.  
Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.  
Architect—Not Given. \$3000

**DWELLING**  
(860) 2821 15TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Koenig Invest. Co., 1106 Broadway.  
Contractor—Leo L. Nichols, 1106 Broadway.  
Architect—Not Given. \$3500

**RECONSTRUCTION**  
(861) 2955 CLAREMONT, BERKELEY. Reconstruct auditorium.  
Owner & Builder—Berkeley Unified School District, 2325 Milvia.  
Architect—W. C. Ambrose, 2204 Milvia St., Berkeley. \$55,000

**GARAGE**  
(862) 2100 VIRGINIA, BERKELEY. Garage.  
Owner & Builder—E. G. Ogh, 1740 Walnut.  
Architect—Not Given. \$1500

**ADDITIONS**  
(863) 2521 HEARST AVE., BERKELEY. Additions.  
Owner—Todd, 1334 Arch.  
Contractor—Conner & Conner, 1733 Francisco.  
Architect—Not Given. \$1200

**DWELLING**  
(864) 1594 HAWTHORNE TERR., BERKELEY. Two-story 8-room frame dwelling and garage.  
Owner—L. M. Van Dusen, 2271 Virginia.  
Contractor—Enoch Trammal, 483 Crescent St., Oakland.  
Architect—W. W. Wurster. \$12,830

**DWELLING**  
(865) 1615 STANNAGE, BERKELEY. One-story 4-room frame dwelling and garage.  
Owner—D. M. Viale, 1611 Stannage.  
Contractor—J. Faramle, 827 Madison St., Albany.  
Architect—Not Given. \$3800

**ALTERATIONS**  
(866) 744 WEBSTER ST., OAKLAND. Alterations to apartments.  
Owner—E. Carlton Baker, Prem.  
Contractor—S. & J. S. McClure Co., 506 Ramona St., Albany.  
Architect—Not Given. \$4000

**DWELLING**  
(867) 4700 DAVENPORT AVENUE, OAKLAND. One-story 3-room dwelling.  
Owner—N. Kehoe, Mills College.

Contractor—Jas. L. Rich, 556 37th St.  
Architect—Not Given. \$2000

**SERVICE STATION**  
(868) 2040 GROVE ST., OAKLAND. One-story steel service station.  
Owner & Builder—Albert E. Oliva, 127 Avila Ave., San Francisco.  
Architect—Not Given. \$1800

**DWELLING**  
(869) 5624 CABOT DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner—W. Stevenson, 6019 Colby St.  
Contractor—H. Glynn, 6023 Colby St.  
Architect—Not Given. \$3250

**BUILDING CONTRACTS SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
93	Braning	Jones	1130
94	Roman	McCarthy	77000
95	Hesthal	Cantin	14635

**RESIDENCE**  
(93) DORANTES AVE., OPPOSITE MONTALVO. Two-story frame residence at above location.  
Owner—Dorothy A. Braning.  
Architect—Paul A. Ryan, Phelan Bldg.

Contractor—Thomas M. Jones, 643 39th Ave.  
Filed May 7, '37. Dated May 1, '37. Six per cent of monthly payments shall be added thereto as part of Contractor's compensation—balance usual 35 days.  
COST-PLUS, \$1,130

**SCHOOL BUILDING**  
(94) NE 24TH AVE. & GEARY. Two-story and basement additional school building at above location.  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin.  
Architect—Arnold Constable, 580 Market.  
Contractor—Robert McCarthy.  
Filed May 10, 1937. Dated May 1, '37. 75% of labor and materials on the 10th day of each month; balance, usual 35 days.  
TOTAL COST, \$77,000.00  
Bond, \$77,000. Surety, Maryland Cas. Co. Limit, 145 working days. Plans and specifications filed.

**STORE BUILDING**  
(95) NW STEINER & SUTTER. Two-story store building at above location.  
Owner—F. E. Hesthal Co. and S. C. Sweigert, care Architect.  
Architect—A. A. Cantin, 64 Pine.  
Contractor—John E. Kramer.  
Filed May 10, '37. Dated May 7, '37. When 50% complete ..... \$3658.75  
When 75% complete ..... 3658.75  
When complete ..... 3658.75  
Usual 35 days. TOTAL COST, \$14,635.00  
Bond, \$14,635. Surety, U. S. Fidelity & Guaranty Co. Limit, 80 working days. Plans and specifications filed.

**BUILDING CONTRACTS ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
51	Van Deusen	Trammal	12830
52	Burrell	Henderson	6550
53	Kramer	Nicholson	10340
54	Oakland	Henrietta	9400

**RESIDENCE**  
(51) COR. CEDAR & HAWTHORNE TERRACE, BERKELEY. Residence.  
Owner—Leslie M. Van Deusen.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Contractor—Enoch Trammal, 453 Crescent St., Oakland.

Filed May 7, '37. Dated May 6, '37.  
 Frame up ..... \$207.60  
 1st coat plaster ..... 3207.00  
 Completion ..... 2207.60  
 Usual 35 days ..... 2207.60  
**TOTAL COST, \$12,830.40**

**RESIDENCE**

152 LOT 41, BLK. C. HOPKINS TERR. No. 3, BERKELEY. Residence.  
 Owner—Grace W and Florence C Burrell.  
 Architect—J. D. Wickenden, 1408 Spring Way, Berkeley.  
 Contractor—Horb. Henderson, 393 40th St., Oakland.

Filed May 8, '37. Dated May 4, '37.  
 Frame up ..... \$1662.50  
 1st coat plaster ..... 1662.50  
 Completion ..... 1662.50  
 Usual 35 days ..... 1662.50  
**TOTAL COST, \$6650.00**

**RESIDENCE**

(153) LOT 16, BLK. 6, ROCKRIDGE PARK, OAKLAND. Two-story residence and garage.  
 Owner—Bauer E. Kramer.  
 Architect—Edw. T. Foulkes.  
 Contractor—D. W. Nicholson.  
 Filed May 10, '37. Dated Apr. 28, '37.  
 75% labor and material, on or before the 6th day each month.

25% usual 35 days.

**TOTAL COST, \$10,340.00**  
 Bond, \$10,340. Surety, United Pac. Ins. Co. Limit, 95 days. Plans and specifications filed.

**SERVICE STATION**

(154) 21st and SAN PABLO AVE., Oakland. Service station.  
 Owner—Oakland Investment Co.  
 Architect—Not Given.  
 Contractor—J. M. Henrietta.  
 Filed, May 12, '37. Dated, Apr. 15, '37.  
 25% completed ..... \$2350.00  
 50% completed ..... 2350.00  
 75% completed ..... 2350.00  
 Usual 35 days ..... 25%  
**TOTAL COST, \$9,400.00**

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other P. public agencies.

## WAR DEPARTMENT

**FRESNO.**—Until May 18, 2 p. m., bids will be received by Lieut. C. T. Stump, Purchasing & Contracting Officer, Fresno District CCC, 414 P St., Fresno, under Bid No. 5905-37-39, for furnishing construction materials for the rehabilitation of 9th period camps in the Fresno District CCC.

- Bids will be taken as follows:
- (1) Lumber;
  - (2) Cement;
  - (3) Roofing and mastic floor covering;
  - (4) Millwork;
  - (5) Sheet metal work and galvanized sheet metal;
  - (6) Hardware.
- Delivery f.o.b. 414 P St., Fresno. Specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

**FORT SCOTT, Cal.**—Until May 20, 10 A. M., bids will be received by the Signal Officer, Headquarters, 9th Corps Area, Presidio of San Francisco, under Proposal No. 1084 SC 37-5, for furnishing four Western Red Cedar peeled poles, 90-ft. long, 9-in. minimum top dia., 55-in. minimum cir. butt. Butts to be treated 10 ft., to be a tank creosote process of not less than 24 hours, resulting in 5-in. minimum penetration.  
 Delivery fob Radio Station Site, Fort Winfield Scott, Major Jay D. B. Lattin, Contracting Officer.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 968-37-278, for furnishing Douglas fir lumber, common nails, asphalt roofing hinges, iron and glass.  
 Delivery fob Fort Funston.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 21, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 968-37-277, for furnishing 5,250 pieces fitting non-lev. bearing, clay structural tile and 31,000 pieces partition do.  
 Delivery fob Fort Funston.  
 Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until May 23, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. B. Chambers, District Engineer, 208

Post Office Bldg., Sacramento, under Bid No. 1105-37-213, for furnishing three inflatable boats of rubberized fabric to accommodate 4 men each.  
 Delivery f.o.b. Sacramento. Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until May 19 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-209, for furnishing drain cocks, unions, check valves, elbows, sleeves, washers, carriage bolts, hexagon nuts, friction tape, etc.  
 Delivery fob Rio Vista.  
 Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until May 21 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-412, for furnishing 3,564 spring lever type mop handles.  
 Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until May 20, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-411, for furnishing packing boxes, wood boxes, slack pine barrels, wooden hoops, fiber boxes, burlap, wire nails, 352,000 EBM lumber, etc.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth Street, San Francisco, for the rental of equipment for use on WPA projects, as follows:  
 May 15, 10 A. M.

BID NO. 3867—One flat bed truck, 1½-ton or over but less than 3-ton; f.o.b. Yacht Harbor and Aquatic Park, foot of Bancroft Way, Berkeley.  
 Specifications obtainable from the above office.

**FORT MASON.**—Until May 22, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-414, for furnishing 1100 ft. of braided water hose and 24 hose nozzles.  
 Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Until May 20, 10 A. M., bids will be received by

the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3876, for the rental of one power shovel, ¾-c.y. capacity, crawler type Diesel or gasoline power unit, for use on WPA projects.

Delivery fob 1.5 miles southerly from Stony Brook School on Palmdares Road, about 6 miles southeast of Hayward, Alameda County.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until May 19, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:  
 BID NO. 3874: Light panel, disconnect switches and transformers; fob Zoological Gardens, Sunset near Skyline, San Francisco;  
 BID NO. 3883: One lot rail fence; fob Zoological Gardens, Sunset near Skyline, San Francisco.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

May 18, 10 A. M.  
 BID NO. 3872—2,257 c.y. ready mixed concrete, Class E; f.o.b. streets and sidewalks, San Francisco.  
 BID NO. 3873—5,533 ft. b.m. Redwood lumber; f.o.b. Corp. Yard, Santa Rosa.

May 19, 10 A. M.  
 BID NO. 3875—Galvanized gratings: fob Aquatic Park, Larkin and Beach Streets, San Francisco.  
 Specifications obtainable from the above office.

## EAST FAY UTILITY DIST.

**OAKLAND, Alameda County.**—Until May 19, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th street, Oakland, under Informal Proposal No. 874, for furnishing 20 tons copper sulphate.  
 Specifications obtainable from the above office.

## NAVY DEPARTMENT

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

GRINDING machines, 3 motor driven drill and 1 motor driven drill point thinning; Puget Sound. Sch. 673; May 18.

CALIPERS, dividers, gauges, planes and squares; East & West Yards. Sch. 637; May 18.

INSTRUMENTS, electrical measuring; East & West Yards. Sch. 655; May 18.

TIERING machine, electrically operated and telescope type; East & West Yards. Sch. 687; May 18.

MOTOR - GENERATOR sets and spares; East & West Yards. Sch. 647; May 21.

PUMPS, motor - driven centrifugal; East Yards. Sch. 679; May 21.

AXES, hammer, hatchets, sledges, etc.; East & West Yards. Sch. 645; May 21.

COUNTERSINKS and reamers; East and West Yards. Sch. 643; May 21.

CABLE, flexible steel; East & West Yards. Sch. 657; May 25.

BIDS, wood boring; chisels and knives; East & West Yards. Sch. 648; May 25.

TAPS, dies, tap wrenches, diestocks and threading sets; East & West Yards. Sch. 656; May 25.

THREADING machine, 1 motor-driven bolt pointing and threading; Mare Island. Sch. 670; May 25.

FURNACE, electric, high temperature, complete with pyrometer and temperature control; East or West Yard. Sch. 663; May 25.

FILES and rasps; East & West Yds. Sch. 652; May 25.

PURIFIERS, motor-driven centrifugal and control appliances and spares; Mare Island. Sch. 666; May 25.

TUBING, brass and copper pipe and tubing; East & West Yards. Sch. 649; May 25.

STRAIGHTENER and cutting machine, motor-driven wire; San Diego. Sch. 684; May 25.

LATHES, 2 motor-driven light duty engine; San Diego & Mare Island. Sch. 674; May 25.

LATHES, 2 motor-driven precision; San Diego. Sch. 691; May 25.

RECTIFIERS, electric power; East & West Yards. Sch. 707; May 25.

SCREW machine, motor-driven automatic, single spindle; San Diego. Sch. 686; May 25.

VENTILATION equipments, centrifugal type; East & West Yards. Sch. 709; May 26.

PIPE, 708 lbs. aluminum alloy; Mare Island. Sch. 685; May 28.

FANS, propeller, and controllers and spares; Mare Island. Sch. 702; May 28.

PRESS, motor-driven upright drill; East or West Yards. Sch. 695; May 28.

INDICATOR equipment, salinity; 3 panels with indicating meter, 10 cell and valve assemblies and spares; San Pedro. Sch. 698; May 28.

ETHYLENE; 55 gals. glycol ethylene, 55 gals. acetate butyl, and 5,900 gals. nitro-cellulose dope; San Diego. Sch. 683; May 28.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Bldg., San Francisco.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

HOES, garden, 400; Mare Island. Sch. 615; May 18.

CHISELS and chisel blanks; East & West Yards. Sch. 601; May 18.

SOCKETS, steel, for Morse taper shank tools; East & West Yards. Sch. 600; May 18.

STONES, sharpening; East & West

Yards. Sch. 602; May 18.

SCRAPERS, 4,668, ship; Mare Island & Puget Sound. Sch. 616; May 18.

PUMPS, 6 fuel oil, motor driven, and spares; Mare Island. Sch. 625; May 18.

MALLETS, 276 tinners' and 396 copersmiths'; Mare Island. Sch. 623; May 18.

SAWS, rip, boxes, miter box; East & West Yards. Sch. 634; May 18.

TORCHES, 36 alcohol, Mare Island; 48 gasoline, Puget Sound. Sch. 617; May 18.

NIPPERS and pliers; East & West Yards. Sch. 635; May 18.

WRENCHES; East & West Yards. Sch. 618; May 18.

TEST INDICATORS, 48; Mare Island. Sch. 620; May 18.

VICES; East & West Yards. Sch. 629; May 18.

MILLING machine, motor-driven, and 6 sets carbon brushes; East or West Yard. Sch. 631; May 18.

CLAMPS and punches; East & West Yards. Sch. 639; May 21.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office

**MET. WATER DISTRICT**

LOS ANGELES, Cal.—Until June 4 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for 850,000 bbls. more or less, of cement. Contractor or contractor's check \$52 bbl. for maximum number of barrels of cement which bidder will furnish must accompany bid. Spec. No. 215.

**RECLAMATION BUREAU**

GRAND COULEE, Wash.—Until June 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 739, for furnishing and delivering f.o.b. cars at the shipping point and/or Odair, Wash., trash-rack metal work for the outlet works at the Grand Coulee Dam, Columbia Basin Proj., Wash. The trash-rack metal work will be installed by the Government. Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1, not returnable.

ALL-AMERICAN CANAL.—Until May 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 927-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Pot-holes, twelve 12,000-pound capacity, radial-gate hoists for installation in the sluiceway structure, and fourteen 20,000-lb. capacity, double-drum, radial-gate hoists for installation in the influent and by-pass channels of the desilting works at the Imperial Dam, All-American Canal System, Boulder Canyon Project. The gate hoists will be installed by the Government. Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$150, not returnable.

BOULDER CITY, Nevada.—Until June 7, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 734, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, two vertical-shaft, 115,000-hp., 150/180 r.p.m., hydraulic turbines, and two governors with pumping equipment for regulating the speed of the 115,000 hp. turbines for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. All apparatus will be installed by the Government. Specifications obtainable from the

above office without charge to prospective bona fide bidders; to others, \$2, not returnable.

GRAND COULEE DAM, Wash.—Until June 2, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 738, for furnishing and delivering f.o.b. cars at the shipping point and/or Odair, Washington, one bulkhead gate and 16 bulkhead-gate frame and track assemblies for installation at the inlet ends of the outlet conduits at the Grand Coulee Dam, Columbia Basin Project. The materials will be installed by the Government. Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.00, not returnable.

**CALIFORNIA STATE**

MONTEREY.—Until May 31, 4:30 p.m., bids will be received by W. B. Albertson, Superintendent, Camp No. 26, Drawer No. 70, Monterey, for the sale of a lot of old ranges, stoves, bake ovens, water boilers, tanks, and other miscellaneous metal camp equipment. The above equipment may be inspected on any working day at Prison Camp No. 26, Anderson Canyon, 40 miles south of Monterey.

**U. S. FOREST SERVICE**

SAN FRANCISCO.—Until May 20, 2 p.m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1086, for furnishing electric generating, storage and water supply unit.

- Bids will be taken as follows:
- (1) One complete generating, storage and water supply unit, including all equipment;
  - (2) One unit same as Item 1, less water supply unit;
  - (3) One water supply unit only.
- Delivery f.o.b. bidder's shipping point and/or Alturas. Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Until May 18, 2 p.m., bids will be received by H. R. Marsh, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

- BID NO. 4705—Welding and cutting outfit, oxy-acetylene; rods and flux; f.o.b. bidder's shipping point and/or Alturas.
- BID NO. 4703—200 gals. aluminum paint; f.o.b. bidder's shipping point and/or Government Island.
- BID NO. 4707—163 bbls. portland cement, in paper sacks; f.o.b. bidder's shipping point and/or Alturas.
- Specifications obtainable from the above office.

Quick results in---  
**DAILY PACIFIC**  
**BUILDER**

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Offices
2.—Bonds	12.—Ice and Cold Storage Plants
3.—Churches	13.—Power Plants
4.—Factories and Warehouses	14.—Public Buildings, Fire Houses and Jails
5.—Flats	15.—Residences
6.—Garages and Service Stations	16.—Schools
7.—Federal Buildings	17.—Banks, Stores and Lagers
8.—Club Buildings	18.—Theatres
9.—Hospitals	19.—Wharves & Docks
10.—Hotels	20.—Misc. Const. & Misc. Supplies

### 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$16,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 The Alameda.  
 New apartment building (4 apts.)  
 Owner—J. Rooney, 417 S 5th Street,  
 San Jose.  
 Architect—Not Given.  
 Contractor—George Kocher, Graphic  
 Arts Bldg., San Jose.

**Sub-Bids Wanted**  
**APTS** Cost, \$22,000 to \$24,000 each  
**SAN MATEO**, San Mateo Co., Calif.  
 Baywood.  
 Two frame and stucco apartment  
 buildings, consisting of four 3-  
 room apts. ea. (hardwood floors,  
 tile baths, etc.)  
 Owner—Peerless Homes, Inc.  
 Supt. of Const.—A. Franchina, 1666  
 Lombard St., San Francisco.  
 Mr. Franchina desires sub-bids on  
 wrought iron work, tile work, painting  
 work, hardwood work and Venetian  
 blinds.

**Contract Awarded**  
**APARTMENTS** Cost, \$20,000  
**SAN MATEO**, San Mateo Co., Calif.  
 Lot 10 Block C, Eaton Street.  
 New apartment building.  
 Owner—Geo. Ames, 405 Howard Ave.,  
 Burlingame.  
 Architect—Not Given.  
 Contractor—G. W. Williams Co., 315  
 Primrose Road, Burlingame.

**Planned**  
**APARTMENTS** Cost \$150,000  
**SAN JOSE**, Santa Clara Co., Calif.,  
 SE cor. of First and Jackson  
 Streets.  
 New apartment building (20 apts.)  
 Owner and Builder—W. C. Thompson,  
 Rt 2, Box 351, Santa Cruz.  
 Architect—Not given.

**Planned**  
**APARTMENTS** Cost \$  
**SAN BAEDEL**, Marin Co., Calif., SW  
 cor. Lincoln and Mission Aven-  
 ues.  
 Four-story apartment building (24  
 apts.) approx. 65 x 165 feet.  
 Owner—David Glazer, Mill Valley.  
 Architect—Not selected.

**To Be Done By Day's Work**  
**APARTMENTS** Cost, \$12,500  
**SAN FRANCISCO**, W Castro St.,  
 130 S 15th St.  
 Three-story frame apartment building.  
 Owner & Builder—A. Murson, 2201  
 15th St.  
 Architect—Not Given.

**Preparing Working Drawings**  
**APARTMENT COURT** Cost, \$30,000  
**SALINAS**, Monterey Co., Calif.

Two-story apartment court (12 four-  
 room apts.), stucco exterior, hard-  
 wood floors, individual gas heat,  
 electric refrigeration, wood and  
 steel sash, etc.  
 Owner—Withheld.  
 Architect—Chas. E. Butner, 7 Win-  
 ham St., Salinas.

### 3—CHURCHES

**Preparing Working Drawings** Cost, \$3,000  
**REMODEL CHURCH** Cost, \$3,000  
**SAN LEANDRO**, Alameda Co., Cal.  
 Remodel church building (new choir  
 pews, pulpits and communion  
 table).  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 60  
 Main St., Hayward.

### 4—FACTORIES & WARE- HOUSES

**Bids Opened**  
**ADDITIONS TO PLANT**  
**EMERYVILLE**, Alameda Co., Calif.  
 Foot of Powell St.  
 Addition of four - story, reinforced  
 concrete building (95x97 ft.) flat  
 slab, concrete and brick walls  
 and one-story steel frame build-  
 ing (115 x 60 ft.), corrugated iron  
 and hollow tile construction.  
 Owner—The Paraffine Companies,  
 Inc., foot of Powell St.  
 Engineer—Leland S. Rosener, 233  
 Sansome St., San Francisco.  
 Low Bidder—Clinton Constr. Co., 923  
 Folsom St.—\$89,516.  
 Complete bids follow:  
 Clinton Constr. Co. \$89,516  
 Lindgren & Swinerton, Inc. 89,900  
 McDonald & Kahn 91,819  
 K. E. Parker Co. 92,900  
 Dinwiddie Constr. Co. 93,950  
 The Austin Company 94,470  
 Barrett & Hilp 97,128  
 John F. Tulloch, Oakland 98,677  
 James L. McLaughlin Co. 99,000  
 P. J. Walker Company 105,842  
 Bids have been taken under ad-  
 visement by the Owner.

**PLANS COMPLETED**  
**VERNON**, Los Angeles Co., Calif.  
 —Aluminum Company of America,  
 J. A. Schreiber, chief engineer, Gulf  
 Bldg., Pittsburgh, Pa., has prepared  
 plans for a manufacturing plant and  
 office building to be built at Fruit-  
 land Ave. and Magnolia St., Vernon,  
 for the company. J. P. Dearasau-  
 ch, of the company's Cleveland  
 (Ohio) plant, will supervise construc-  
 tion, which is expected to get under  
 way in 30 to 60 days. Bethlehem  
 Steel Co. will furnish and erect the  
 structural steel, amounting to about  
 700 tons, and metal exterior. Plant  
 will consist of a utility building, 60x  
 240 ft.; hammer building, 80x100 ft.;  
 foundry building, and an office build-  
 ing; steel frame construction, corru-  
 gated iron exterior, steel deck roofs,  
 concrete foundation and floors, steel  
 windows and doors.

**General Contract Awarded**  
**WAREHOUSE** Cont. Price, \$15,955  
**FRESNO**, Fresno Co., Calif., 920 "M"  
 Street.  
 One - story brick and structural steel  
 warehouse and office bldg. addi-  
 tion (60-ft. frontage).  
 Owner—Tay-Holbrook, Inc., 920 "M"  
 Street, Fresno.  
 Architect—W. D. Coates, Rowell  
 Building, Fresno.  
 Contractor—W. L. Richmond, 336  
 Simpson St., Fresno, \$15,955.  
 Plumbing—Cody Bros., 704 Black-  
 stone, Fresno, \$1,640 ft.  
 Complete bids on the general con-

tract follow:  
 W. L. Richmond \$15,955  
 Jolly & Harrington 16,149  
 Trehwitt-Shields & Fisher 16,221  
 Midstate Const. Co. 16,433  
 T. C. & W. H. Irwin 16,710  
 R. Pedersen 16,710  
 L. H. Hansen & Son 17,118  
 Harris Const. Co. 17,952  
 All of Fresno.  
 Bids will be received later on the  
 electrical work, cement floors and  
 for remodeling the old building.

**Contract Awarded**  
 Cont. Price \$89,516  
**ADDITIONS TO PLANT**  
**EMERYVILLE**, Alameda Co., Calif.  
 Foot of Powell St.  
 Addition of four - story, reinforced  
 concrete building (95x97 ft.), flat  
 slab, concrete and brick walls  
 and one-story steel frame build-  
 ing (115 x 60 ft.), corrugated iron  
 and hollow tile construction.  
 Owner—The Paraffine Companies,  
 Inc., foot of Powell St.  
 Engineer—Leland S. Rosener, 233  
 Sansome St., San Francisco.  
 Co., 923 Folsom St.  
 Contractor—Clinton Construction

**Planned**  
**COTTON GIN** Cost, \$50,000  
**FRESNO**, Fresno Co., Calif., Clovia  
 and North Avenues.  
 New cotton gin of 6,500-bale annual  
 capacity (main bldg. 80x30 ft.;  
 cotton storage house, 25x75 ft.;  
 office bldg., 20x30 ft.), new bunk-  
 ers; five-stand ginner; all-steel  
 leathers; 30-ft. platform scales,  
 etc.; steel frame buildings.  
 Owner—Producers Cotton Oil Co. (P.  
 M. Williams, president), Golden  
 State Highway and North Ave.,  
 Fresno.  
 Architect—Not Given.

**Contract Awarded**  
**INDUSTRIAL BLDG.** Cost, \$  
**SAN FRANCISCO**, Bryant Street.  
 One-story and mezzanine reinforced  
 concrete industrial building.  
 Owner—Donald Maas, c/o Bothin  
 Real Estate Co., 604 Mission St.  
 Architect—Angus McSweeney, 604  
 Mission Street.  
 Contractor—Geo. P. W. Jensen, 320  
 Market Street.

**Contract Awarded**  
**FACTORY** Cost, \$50,000  
**SAN FRANCISCO**, S Yosemite St.,  
 75 E. of Mendell St.  
 Three-story Class B mattress fac-  
 tory.  
 Owner—Simon Mattress Mfg. Co. 1777  
 Yosemite Street.  
 Architect—Not Given.  
 Contractor—George Wagner, 181 So.  
 Park.

### 5—FLATS

**Contract Awarded**  
**FLATS** Cost \$8,500  
**SAN FRANCISCO**, S Greenwich St.,  
 137 E. of Laguna St.  
 Two-story frame flat building.  
 Owner—A. Giorgi, c/o Cont.  
 Architect—Not given.  
 Contractor—Thos. R. Sharman, 3700  
 Broderick St.

**To Be Done By Day Work**  
**FLATS** Cost \$8,500  
**SAN FRANCISCO**, SE Beach and  
 Pierce Sts.  
 Two-story frame and stucco flat  
 building.  
 Owner and Builder—Thos. R. Shar-  
 man, 3700 Broderick St.  
 Architect—Not given.



**6—GARAGES & SERVICE STATIONS**

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
**PETALUMA, Sonoma Co., Calif.** 3rd and D Streets  
 New gasoline service station.  
 Owner—Union Oil Co., 220 Montgomery St.  
 Plans by Engineering Department of Owner.  
 Contractor—Fred J. Early, Jr., 369 Pine St.

**Contract Awarded**  
**SERVICE STATION** Cost, \$4,000  
**PIEDMONT, Alameda Co., Cal.** 1375 Grand Avenue.  
 Gasoline service station.  
 Owner—J. J. Geary, 1221 Grand Ave.  
 Plans by Richfield Oil Co.  
 Contractor—Lewis & Clarke, California Bldg.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
**SAN FRANCISCO, 17th Street** and Potrero Avenue.  
 New gasoline service station.  
 Owner—Union Oil Co., 220 Montgomery Street.  
 Plans by Engineering Department of Owner.  
 Contractor—Fred J. Early, Jr., 369 Pine St.

**Plans Being Figured—To Close About May 17**  
**AUTO SERVICE PLANT**  
 Cost, \$18,000 to \$20,000  
**SAN RAFAEL, Marin Co., Cal.** SW Fourth and Shaver Streets.  
 Two-story reinforced concrete automobile sales, service and repair plant (70x125 ft.)  
 Owner—Marin Investment Co. (David R. Fyfe, Representative) San Rafael.  
 Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.  
 Lessee—Redwood Chevrolet Co.  
 Following have been invited to submit bids:  
 George W. Gaither, 127 Picnic Ave., San Rafael.  
 C. C. Newman, 1269 Vermont St., San Francisco.  
 De Luca & Son, Inc., 1745 Filbert, San Francisco.  
 F. R. Slegrist, 604 Mission Street, San Francisco.

**Bids In—Held Under Advisement.**  
**SERVICE STATION** Cost, \$.....  
**SAN FRANCISCO, SE Cor. Tenth** and Bryant Streets.  
 New steel gasoline service station.  
 Owner—Associated Oil Company, 79 New Montgomery Street.  
 Plans by Engineering Department of Owner.  
 Following figured the plans:  
 Grant - Martinelli Const. Co., 44 Mary Street.  
 Fred J. Early, Jr., 369 Pine St.  
 Miller & McGillis, 444 Geary St.  
 Lindgren and Swinerton, Inc., 625 Standard Oil Bldg.  
 Empire Construction Co. Ltd., Russ Building.  
 Announcement will be made in about one week.

**Plans Being Figured—To Close About May 17**  
**AUTO SERVICE PLANT**  
 Cost, \$18,000 to \$20,000  
**SAN RAFAEL, Marin Co., Cal.** SW Fourth and Shaver Streets.  
 Two-story reinforced concrete automobile sales, service and repair plant (70x125 ft.)  
 Owner—Marin Investment Co. (David R. Fyfe, Representative) San Rafael.  
 Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.  
 Lessee—Redwood Chevrolet Co.

Plans are being figured by a selected list of contractors to be announced shortly.

**7— FEDERAL BUILDINGS**

**LOW BIDDERS**  
**LIVERMORE, Alameda Co., Cal.**—L. Dioguardi, Rt. 1, Box 345, Sebastopol, at \$102,000, submitted the low basic bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for the construction of the Infirmary Ward Bldg. and Connecting Corridor at the Veterans' Administration Facility, Livermore.

General construction bids were taken with the following alternates:  
 (a) Deduct if connecting corridor between Bldgs. No. 2 and 57, including all pipe lines and conduits therein, and alternations to Bldg. No. 2, are not included;  
 (d) Deduct if all linoleum in Infirmary Ward Bldg. No. 57 is omitted and cement floor finish provided with depression to receive future insulation.

The three low bidders follow:  
 L. Dioguardi, Rt. 1, Box 345, Sebastopol ..... \$102,000  
 .....(a) 8,500  
 .....(b) 1,200  
 Frank J. Reilly Co., 6350 Fulton St., San Francisco, ..... \$102,380  
 .....(a) 7,800  
 .....(b) 1,200  
 A. Nelson, Inc., 242 Ocean Ave., San Francisco, ..... \$102,495  
 .....(a) 10,000  
 .....(b) 800

Acceptance of alternates would affect the low bid.

**BIDS WANTED**  
**FORT WINFIELD SCOTT, Calif.**—Until May 22, 10 A. M., bids will be received by Captain H. J. Vanderpluis, H. D. Artillery Engineer, Fort Winfield Scott, under Proposal No. 825-SC-37-4, for waterproofing cable tunnel and trench and laying a concrete floor in switchboard room at Fort Winfield Scott.  
 Plans and specifications obtainable from the above office.

**BIDS WANTED**  
**LOS ANGELES, Cal.**—Until June 15, 1:30 P. M., bids will be received by the Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., for providing, installing and finishing complete, gas and oil burning equipment at the Veterans' Administration Facility, Los Angeles.  
 Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

**LOW BIDDERS**  
**FRESNO COUNTY Cal.**—Trehwitt-Shields & Fisher, 1501 Pacific Boulevard Bldg., Fresno, at \$63,550, submitted basic low bid to the Department of the Interior, Washington, D. C., for constructing hospital and accessory buildings at Wishah Sanatorium, Sacramento Agency, under P. E. 567. Project located near Auberry in Fresno County.  
 The two low bids follow:  
 Trehwitt - Shields & Fisher, ..... \$63,550  
 ..... Alt. (a) 3,600  
 ..... (b) 6,000  
 Midstate Const. Co., Fresno, ..... \$66,420  
 ..... All. (a) 3,350  
 ..... (b) 6,350

**LATE LOW BIDDER**  
**COLVILLE, Wash.**—J. J. Lohrenz, Spokane, Wash., at \$50,684, submitted the late low bid to the Procurement Division, Washington, D. C., for construction of the U. S. Post

Office at Colville.  
 As previously reported, complete bids follow:  
 J. J. Lohrenz, Spokane (late bidder) ..... \$50,684  
 West Coast Construction Co., Seattle ..... 51,058  
 A. S. Hansen, Seattle ..... 51,500  
 B. J. Sheldon, Colby ..... 51,986  
 L. H. Hoffman, Portland ..... 52,900  
 Western Constr. Co., Seattle ..... 56,312

**CONTRACT AWARDED**  
**HUMBOLDT and Del Norte Cos., Calif.**—American Electric Const. Co., 462 Bryant St., San Francisco, at \$1,498, awarded contract by the Public Works Officer, U. S. Navy Yard, Mare Island, for repairs to station wiring including conduit wiring, replacement of switches, receptacles and fixtures at the U. S. Naval Radio Stations, Table Bluff (Eureka) and Point St. George (Crescent City) Calif., under Spec. No. 8451.

**Bids Wanted—To Close June 18**  
**POST OFFICE** Cost, \$74,000  
**COLUSA, Colusa Co., Calif.** Fourth and Market Streets  
 United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Low Bidders**  
**POST OFFICE** Cost, \$.....  
**DOWNEY, Los Angeles Co., Cal.** SE corner of 2nd and La Reona.  
 New United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.  
**Low Bidder**—Sarver and Zoss, Inc., 1015 W 4th St., Los Angeles, \$53,400.  
 T. P. Schultz, Compton, at \$54,200, submitted second low bid.

**BIDS WANTED**  
**FRIANT, Fresno Co., Calif.**—Until June 1, 10 A. M., bids will be received by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 928-D, for air-cooling, heating and ventilating systems for the office building and two dormitories at Government Camp at Friant Dam, Central Valley Project. The camp is located about 22 miles north of Fresno.  
 Work shall be commenced within 15 calendar days and completed within 100 calendar days from date of receipt of notice to proceed.  
 Specifications obtainable from the office of the Bureau of Reclamation at Sacramento or Denver, without charge to prospective bidders; to others, \$2, not returnable.

**BIDS OPENED**  
**EUREKA and DEL NORTE COS., Calif.**—American Electric Construction Co., 462 Bryant St., San Francisco, at \$1,498, submitted low bid to the Public Works Officer, U. S. Navy Yard, Mare Island, for repairs to station wiring including conduit wiring, replacement of switches, receptacles and fixtures at the U. S. Naval Radio Stations, Table Bluff (Eureka) and Point St. George (Crescent City), Calif., under Spec. No. 8451.  
 Cloney Electric Co., Eureka, submitted late bid of \$1,587.  
 Bids forwarded to Bureau of Yards and Docks, Washington, D. C.

**BIDS REJECTED**  
**RENO, Nevada.**—Veterans' Administration, 764 Arlington Bldg., Washington, D. C., rejected all bids received May 4th for construction of Hospital Bldg. No. 1, in Reno. Bids exceeded appropriation by 100%.  
 K. E. Parker Co., 135 South Park

San Francisco, at \$204,970, submitted low bid. New bids will be asked shortly.

**BIDS OPENED**

**SAN RAFAEL**, Marin Co., Calif.—The Robbins Mfg. Co., Chicago, Ill., at \$728, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens to the U. S. Post Office at San Rafael.

Complete bids follow:  
The Robbins Mfg. Co., Chicago, Ill. . . . . \$728  
Ceco Weatherstrip & Screen Products, Chicago, Ill. . . . . 750  
Chamberlin Metal Weatherstrip Co., Detroit, Mich. . . . . 789

**CONTRACT AWARDED**

**TURLUCK**, Stanislaus Co., Calif.—Robbins Mfg. Co., Chicago, Ill., at \$374, awarded contract by the Procurement Division, Washington, D. C., for furnishing and installing insect screens in the U. S. Post Office at Turlock.

**BIDS WANTED**

**SAN RAFAEL**, Marin Co., Calif.—Until June 4, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for constructing a retaining wall and extending the driveway at the U. S. Post Office at San Rafael. Plans obtainable from the above office.

**BIDS WANTED**

**WEIMAR**, Placer Co., Calif.—Until June 5, 2 p. m., bids will be received by the Department of the Interior, Purchasing Office, 18th and F Sts. NW, Washington, D. C., for construction of a hospital building and employees' cottage at Weimar, Sacramento Agency, 14 miles north of Auburn.

The hospital building is a one-story frame and stucco structure with main block 91 ft. 6 in. x 48 ft., with two wings approximately 44 ft. x 22 ft. x 44 ft. The heating system for the hospital building consists of a vacuum return system supplied from the central heating plant. The Employees' cottage is a one-story frame and stucco building approximately 24 ft. x 64 ft.

Plumbing, electricity and outside sewer services are included in the contract for both buildings.

Plans and specifications may be obtained from the above office upon deposit of a certified check or postal money order for one set, payable to the purchasing office.

Bids Wanted—To Close June 18, 1 P. M.

**POST OFFICE** Cost \$75,000  
KELLOGG, Shoshone County, Idaho, New U. S. Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

Bids Wanted—To Close June 18, 1 P. M.

**POST OFFICE** Cost \$70,000  
SUSANVILLE Lassen Co., Calif., New U. S. Post Office.  
Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

**BIDS OPENED**

**SAN GABRIEL**, Los Angeles Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, at \$430, submitted low bid to the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at San Gabriel.

Complete bids follow:  
Ceco Weatherstrip & Screen Products, Chicago . . . . . \$430  
The Robbins Mfg. Co., Chicago . . . . . 449  
Chamberlin Metal Weatherstrip Co., Detroit . . . . . 640

**BIDS OPENED**

**MADERA**, Calif.—Ceco Weatherstrip & Screen Products, Chicago, at \$820, submitted low bid to the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Madera.

Complete bids follow:  
Ceco Weatherstrip & Screen Products, Chicago . . . . . \$820  
The Robbins Mfg. Co., Chicago . . . . . 838  
Chamberlin Metal Weatherstrip Co., Detroit . . . . . 917

**CONTRACT AWARDED**

**TECATE**, San Diego Co., Calif.—Neuman Bros., McMinnville, Oregon, at \$487, awarded contract by the Procurement Division, Washington, D. C., for painting plaster, etc., in the U. S. Inspection Station at Tecate.

**BIDS WANTED**

**SAN RAFAEL**, Marin Co., Calif.—Until June 4, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for constructing a retaining wall and extending the driveway at the U. S. Post Office at San Rafael.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at San Rafael. No deposit required for one set.

Bids Wanted — To Close June 18, 1 P. M.

**POST OFFICE** Cost \$74,000  
COLUSA, Calif. Fourth and Market Streets.

United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

**BIDS WANTED**

**UKIAH**, Mendocino Co., Calif.—Until June 8, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for bronze handrails at the U. S. Post Office at Ukiah.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Ukiah.

**BIDS WANTED**

**DENVER**, Colo.—Until June 3, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for vault door and steel lining for vault in the U. S. Custom House at Denver.

Plans and specifications may be obtained from the above office and from the Custodian of the Building at Denver.

**BIDS OPENED**

**REDDING**, Shasta Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, at \$550, submitted low bid to the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Redding.

Complete bids follow:  
Ceco Weatherstrip & Screen

Products, Chicago . . . . . \$550  
The Robbins Mfg. Co., Chicago . . . . . 597  
Chamberlin Metal Weatherstrip Co., Detroit . . . . . 648

**CONTRACT AWARDED**

**LOS ANGELES** Baker Ice Machine Co. at \$29,688, awarded contract by Los Angeles Water & Power Commission, for transformer radiators. Spec. No. 2260. Bids were opened April 13.

**CONTRACT AWARDED**

**REDONDO BEACH**, Los Angeles Co., Calif.—Wm. Strauber, 364 East 55th St., Los Angeles, at \$400, was awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for painting plaster in the U. S. Post Office at Redondo Beach.

**CONTRACT AWARDED**

**SAN FRANCISCO** American Builders, Inc., 6th St. and Alaska, Seattle, at \$41,725.95, for Seattle, was awarded contract by the Quartermaster, Ninth Corps Area, Presidio of San Francisco, for furnishing and fabrication of one unit of 16 portable demountable buildings and five units of six portable demountable buildings each, for CCC camps within the Ninth Corps Area.

**CONTRACT AWARDED**

**LOVELOCK**, Nevada.—Lundberg-Richter Company, Fredericksburg, Va., at \$60,700, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. Agriculture Building and Post Office at Lovelock. Complete bids published March 5.

**BIDS WANTED**

**ORANGE**, Cal.—Until June 3, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for entrance railings at the U. S. Post Office at Orange.

**CONTRACT AWARDED**

**LA JOLLA**, San Diego Co., Cal.—H. V. Taylor, 124 W. 24th St., Long Beach, at \$143, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for new hand rails for entrance steps at the U. S. Post Office in La Jolla.

**BIDS OPENED**

**RENO**, Nev.—K. E. Parker Co., 135 South Park, San Francisco, at \$204,970, as previously reported, submitted low bid to the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for general construction of Hospital Bldg. No. 1, in Reno.

Separate bids were received for general construction (including the plumbing, heating and electrical work) and electric ratators.

Complete bids follow:

General Construction  
K. E. Parker Co., San Francisco: \$204,970; Alt. (a) \$4,750; (b) \$3,300; (c) \$3,250; (d) \$4,250.

Schuler & McDonald, Inc., Oakland: \$210,743; Alt. (a) \$2,100; (b) \$1,100; (c) \$3,000; (d) \$4,800.

Trewhitt-Shields and Fisher, Fresno: \$224,000; Alt. (a) \$3,700; (b) \$2,500; (c) \$3,700; (d) \$4,600.

E. A. Howins Co., San Francisco: \$218,900; Alt. (a) \$5,500; (b) \$2,500; (c) \$3,000; (d) \$4,500.

Harvey A. Nichols, Los Angeles: \$234,617; Alt. (a) \$5,000; (b) \$4,149; (c) \$1,945; (d) \$3,331.

California Const. Co., Pasadena: \$235,000; Alt. (a) \$7,500; (b) \$1,200; (c) \$3,200; (d) \$4,500.

L. F. Dow Co., Los Angeles: \$238,576; Alt. (a) \$4,559; (b) \$4,716; (c) \$2,965; (d) \$2,492.

M. H. Golden, San Diego: \$285,

000; Alt. (a) \$5,000; (b) \$3,000; (c) \$3,500; (d) \$5,400.

**Electric Elevators**

Otis Elevator Co., Washington, \$7,487  
 L. F. Dow Co., Los Angeles, 7,899  
 S. Heller Elev. Co., Milwaukee, 8,550  
 A. Keickhefer Elev. Co., Milwaukee, 9,814

**BIDS OPENED**

SAN FRANCISCO—Jack Johnson Co., 3385 Army St., San Francisco, at \$558.40, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-263, for applying approximately eighty sqs. of three-ply rag felt and asphalt membrane waterproofing to the sides and top of a concrete building at Fort Funston.

Complete bids follow:  
 Jack Johnson Co., S. F., \$558.40  
 Alta Roofing Co., S. F., 598.00  
 J. W. Bender, S. F., 655.20  
 Malott & Peterson, S. F., 689.00  
 LeHane & Co., S. F., 760.00

**MATERIALS APPROVED**

SOUTH GATE, Los Angeles Co., Calif.—Treasury Dept. approved the following building material and equipment awards for the construction of the South Gate Post Office. Campbell Construction Co., general contractor:  
 Gas and Oil Burner, Ray Oil Burner Co.

**MATERIALS APPROVED**

SALEM, Oregon.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Salem. L. H. Hoffman, general contractor: Electric Water Cooler, Kelvinator Sales Corp.

**MATERIALS APPROVED**

MESA, Ariz.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Mesa; Edmond & E. John Profter, general contractors: Water Softener, Permutit Co.

Bids Opened  
 POST OFFICE Cost, \$.....  
 VACAVILLE, Solano Co., Calif.,  
 New U. S. Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect of Treasury Department, Washington, D. C.  
 Low Bidder—K. E. Parker Co., 135 South Park, San Francisco—\$67,760.  
 Complete bids follow:  
 K. E. Parker Co., S. F., Cal., \$67,760  
 Lundberg-Richter Co., Virginia, 68,000  
 MacFarland Constr. Co., St. Louis, Mo., 71,748  
 A. Nelson, Inc., S. F., Cal., 71,989  
 T. Dioguardi, Colma, Calif., 73,500  
 Robert McCarthy, S. F., Cal., 74,438  
 Schuler & McDonald, Inc., Oakland, Cal., 75,000  
 George Petersen, San Leandro, Cal., 80,000

BIDS OPENED  
 WHIPPLE, Ariz.—John C. Reeves, Denver, Colo., at \$7,375, submitted low bid to the Veterans' Administration for tile and marble work in Building No. 14, at Veterans' Administration Facility, Whipple.  
 Complete bids follow:  
 John C. Reeves, Denver, Colo. \$7,375  
 Atlanta Tile & Marble Co., Atlanta, Ga., 7,948  
 U. S. Tile & Marble Co., Washington, D. C., 9,990  
 Lewis Bros., Phoenix, Ariz. 11,878.75  
 Hilgartner Marble Co., Los Angeles, Cal., at \$4,184, submitted bid on marble work only.

Bids Wanted — To Close June 18

POST OFFICE Cost, \$70,000  
 SUSANVILLE, Lassen Co., Calif.  
 New U. S. Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect of Treasury Department, Washington, D. C.  
 Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C.

Bids Wanted—To Close June 18  
 POST OFFICE Cost, \$75,000  
 KELOWEGG, Shoshone Co., Idaho.  
 NEW U. S. Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect of Treasury Dept., Washington, D. C.  
 Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

Bids Opened  
 POST OFFICE  
 DOWNEY, Los Angeles Co., Calif.  
 SE Corner of 2nd and La Recona.  
 New United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.  
 Low Bidder—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles—\$53,400.

Complete bids follow:  
 Sarver & Zoss, Inc., L. A., \$53,400  
 T. P. Shultz, Compton, 54,200  
 T. A. Beyers, L. A., 55,761  
 Brunzell & Jacobsen, L. A., 55,899  
 Campbell Constr. Co., L. A., 55,904  
 Campbell & Kelly, L. A., 55,960  
 L. F. Dow Co., L. A., 56,350  
 MacDonald Constr. Co., St. Louis, Mo., 58,217  
 W. H. McCune, Monrovia, 58,740  
 Schuler & McDonald, Oakland, 59,500  
 Whitaker & Snook, Pasadena, 60,000  
 Taylor & Taylor, Pasadena, 60,350  
 Baruch Corp., L. A., 62,299  
 P. P. Shelby, L. A., 74,500

BIDS OPENED  
 SAN FRANCISCO.—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at \$367, submitted low bid to the Procurement Division, Washington, D. C., for painting plaster, etc., in the Plague Laboratory (on the U. S. Marine Hospital Reservation) at San Francisco.  
 Complete bids follow:  
 Pacific Painting & Decorating Co., Oakland .....\$367  
 A. E. Gardon Painting Co., S.F., 397  
 Raphael Co., S. F., 415  
 R. P. Paoli & Co., S. F., 570  
 W. T. Baedwin, Oakland..... 990

MATERIALS APPROVED  
 TRACY, San Joaquin Co., Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Tracy, K. E. Parker Co., 135 South Park, San Francisco, general contractors: Vacuum pump, Tracy.

MATERIALS APPROVED  
 WENATCHEE, Wash.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Wenatchee. Consolidated Engineering Company, Tacoma, Wash., general contractors. Indirect water heater, L. O. Koven Bros., mechanical traps, McClear Mfg. Co.; float and thermostatic traps, McClear Mfg. Co.; vacuum pumps, Chicago Pump Co.; radiator, Tacoma, Wash., general contractors. Indirect water heater, L. O. Koven Bros., mechanical traps, McClear Mfg. Co.; float and thermostatic traps, McClear Mfg. Co.; vacuum pumps, Chicago Pump Co.; radiator, Tacoma, Wash., general contractors. McClear Mfg. Co.; radiator valves, Marsh Valve Co.; pendant switch, Bryant Elec. Co.

BIDS OPENED  
 COLVILLE, Wash.—West Coast Construction Co., Seattle, at \$51,058, submitted low bid to the Procurement Division, Washington, D. C., for

construction of the U. S. Post Office at Colville.  
 Complete bids follow:  
 West Coast Construction Co., Seattle .....\$51,058  
 A. S. Hansen, Seattle..... 51,500  
 B. J. Sheldon, Colby, 51,986  
 L. H. Hoffman, Portland, 52,900  
 Western Constr. Co., Seattle..... 56,312

**8— CLUB BUILDINGS**

Plans Being Figured — Bids Close May 21, 8 P. M.  
**CLUB BUILDING** Cost, \$50,000  
 GRASS VALLEY, Nevada Co., Calif.  
 Three-story concrete building (two stores on main floor; lodge and club rooms on second floor, and banquet hall on third floor); composition and patent roofing; oil burning furnace; concrete floors; steel ash; plaster interior walls, air-conditioning system, etc.  
 Owner—Masonic Lodge, Grass Valley.  
 Architect—Jens C. Petersen, 812 26th St., Sacramento.  
 Bids will be opened in Grass Valley. Segregated bids will be received on all portions of the work.

**9— HOSPITALS**

To Ask Bids Shortly  
**HOSPITAL** Cost, \$80,180  
 HOLLISTER, San Benito Co., Calif.  
 One-story steel and stucco fireproof county hospital, T-shaped structure, asbestos shingle roof, operating room, X-ray room, offices, 22 bedrooms.  
 Owner—County of San Benito.  
 Architect—Robert Stanton, Hotel Del Monte, Del Monte.  
 Application has been filed with the PWA for a grant of \$35,180.  
 A call for bids will probably be issued at a meeting of the Board of Supervisors, May 17.

Contract Awarded  
**REMODELING** Cont. Pr., \$76,888  
 HONOLULU, Oahu, T. H. Queens Hospital.  
 Remodeling 1-story stucco and concrete hospital building (concrete tile interior partitions, concrete floors, Oregon pine interior finish), containing 17 rooms and 17 baths.  
 Owner—Queens Hospital Association.  
 Architect—C. W. Dickey, Honolulu.  
 General Contractor — E. E. Black, Honolulu, \$76,888.  
 Electrical Contractor—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, \$5,872.  
 The three low bids on the general contract follow:  
 E. E. Black, Honolulu.....\$76,888  
 Ralph Woolley, Honolulu..... 78,000  
 John Hansen, Honolulu..... 81,200

Plans Being Figured—Bids Close June 8, 2 P. M.  
 ADDITION Cost, \$.....  
 STOCKTON, San Joaquin Co., Cal.  
 State Hospital Farm.  
 Additions and alterations to kitchen bldg. (reinforced concrete bldg., wood framed roof) and construction of a new reinforced concrete boiler plant building with steel ash and tile roofs (to be constructed around the existing boiler equipment).  
 Owner—State of California, Department of Institutions.  
 Architect—G. W. McDougall, State Architect, Public Works Building, Sacramento.  
 Segregated bids will be taken as follows:  
 (1) General work;  
 (2) Electrical work;  
 (3) Plumbing and heating work.  
 Plans and specifications obtainable from the office of the State Architect upon deposit of \$25.00.

## 10—HOTELS

**Contract Awarded**  
**AIR-CONDITIONING**  
 Contract Price, \$26,000  
**FRESNO, Fresno Co., Cal.** Van Ness and Kern Streets.  
 New air-conditioning system throughout hotel (360 rooms, lobby, dining room, bar, etc.), including stores on ground floor (Hotel Californian).  
 Lessee—Hull Hotel Corp.  
 Architect—H. R. Lake, Helm Bldg., Fresno.  
 Consulting Engineer—Albert A. Coddington, 222 Kearny Street, San Francisco.  
 Contractor—Frigidaire Corp., Mason Bldg., Fresno.

## 12—POWER PLANTS

**Contract Awarded**  
**SUB STATION "M"** Est. Cost, \$9,000  
**SAN FRANCISCO.** Bosworth and Rousseau Streets.  
 Class B Sub Station "M."  
 Owner—Pacific Gas & Electric Co., 245 Market St.  
 Plans by Engineering Department of Owner.  
 Contractor—H. H. Larsen, 64 South Park, San Francisco.

**BIDS WANTED**  
**BOULDER CANYON PROJECT—**  
 Until June 14, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 732, for furnishing and installing two \$2,500-kv-a. 150/180 r.p.m. vertical, alternating current generators for the Boulder power plant, Boulder Canyon Project.

Drawings shall be mailed by the contractor within 60 calendar days after date of receipt by the contractor of notice to proceed, and the installation of the first generator shall be completed within 700 calendar days and of the second generator within 800 calendar days from date of receipt of notice to proceed.

Specifications and drawings obtainable from the office of the Bureau of Reclamation at Boulder City, Nevada; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, \$2, not returnable.

13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

**Plans Completed**  
**STATE HOSPITAL** Cost, \$173,762  
**SALEM, Oregon.**  
 Eastern Oregon State Tuberculosis Hospital Bldg., The Dalles.  
 Owner—State of Oregon.  
 Architect—Jones & Marsh, Woodlark Bldg., Portland.  
 State appropriation of \$54,000 and application applied for PWA grant.

**Bonds Voted**  
**JAIL** Cost, \$24,000  
**WATSONVILLE, Santa Cruz County.**  
 New city jail (including furniture, fixtures and equipment, etc.)  
 Owner—City of Watsonville.  
 Architect—Not Given.  
 Bert Kitchen, city engineer.  
 A bond issue of \$21,000 carried at a special election May 10.

**Contract Awarded**  
**ADDITIONS, ETC.** Cont. price, \$4,779  
**SAN FRANCISCO.** Golden Gate Park (Fell and Stanyan Streets).  
 Alterations and additions to Park Lodge (2-story and basement L-shaped structure).  
 Owner—City of San Francisco.  
 Plans prepared by Engineering Department, Park Commission.  
 Contractor—Frank J. Reilly Co., 6350 Fulton Street.

**BIDS OPENED**  
**SAN FRANCISCO.**—Following bids were received by the Department of Public Works, Room 251, City Hall, for installing cork floor in payroll division of the Controller's Office, City Hall:  
 W. Coast Linoleum Store, 2703 Mission St., \$700; (a) add for overtime basis, \$90.  
 Van Fleet-Freer Co., 557 Howard St., \$755.  
 L. S. Case Co., \$330.

**BIDS WANTED**  
**SAN FRANCISCO.**—Until May 26, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of a cast stone pedestal at the California Palace of the Legion of Honor. Estimated cost, \$1,200.  
 Plans may be obtained from the office of City Architect Charles H. Sawyer, Room 255, City Hall, upon deposit of \$5.

## 14—RESIDENCES

**Low Bidder**  
**ALTER STORE** Cost, \$.....  
**SAN FRANCISCO.** 611 Mission St.  
 Alter store building.  
 Owner—Bothin Real Estate Co., 604 Mission Street.  
 Architect—Angus McSweeney, 604 Mission Street.  
 Low Bidder—A. F. Mattock Co., 212 Clara Street.

**BIDS WANTED**  
**PALM SPRINGS, Riverside County, Cal.**—Architects Brewster & Benedict, Box 514, Palm Springs, are taking bids for additional bungalows and a recreation building to be built at Colonial House, Palm Springs for Thelma Wertheimer. Est. cost, \$40,000.

**Contract Awarded**  
**RESIDENCE** Cost, \$16,500  
**PALO ALTO, Santa Clara Co., Calif.**  
 Est. \$16,500.  
 Two - story frame and stucco residence and garage.  
 Owner—D. L. Morris, 108 Edgewood Drive, Palo Alto.  
 Architect—Not Given.  
 Contractor—W. F. Klav, Deckerok Bldg., Palo Alto.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**SAN JOSE, Santa Clara Co., Calif.**  
 Emory Street.  
 Two - story frame and stucco residence (8 rooms).  
 Owner—P. S. Haley, 623 N 1st St., San Jose.  
 Architect—Not Given.  
 Contractor—Gibson - Wheeler Co., 19 Second St., San Jose.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**BERKELEY, Alameda Co., Calif.** 20 Eucalyptus.  
 Two-story frame residence (6 rooms) and garage.  
 Owner—M. Megahan, 2725 Prince St., Berkeley.  
 Architect—R. W. Blaine, 5574 Florence St., Berkeley.  
 Contractor—C. C. Rosenberry, 1401 Mountain Blvd., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO.** SW Prague, 100 E. Perina Street.  
 One - story frame and stucco residence.  
 Owner and Builder—Anthony J. Bell, 175 Prague Street.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$19,000  
**ATHERTON, San Mateo Co., Calif.**  
 Fair Oaks Lane.

Two-story frame and stucco residence (7 rooms, 2 baths) and servants' and garden house (2½ rooms, bath) wood shingle roof, forced hot air heating system, complete insulation, rubber floor-ed baths, hardwood floors, wood sash, etc.  
 Owner—Mr. and Mrs. Manning W. Park, c/o contractor.  
 Plans by Wm. H. Young, 500 Hyde St., San Francisco.  
 Contractor—James V. K. Dowsett, 461 Russ Bldg., San Francisco.  
 Cost includes road and fence.

**Plans Being Figured—To C'sose**  
 May 25, 2 P. M.  
**OAKLAND, Alameda Co., Cal.** Claremont Heights.  
 Two - story frame and stucco residence (5 rooms) hardwood floors inoleum baths, gas fired central heating system, wood sash, etc.  
 Owner—Withheld.  
 Architect—Charles W. McCall, 1404 Franklin St., Oakland.

Following are among a selected list of contractors figuring plans:  
 B. S. Booth, 375 Euclid Avenue, Oakland.  
 Emiley Person, 829 San Luis Road, Berkeley.  
 Parsons & Williams, 2268 80th Ave., Oakland.

**Bids Opened**  
**RESIDENCE**  
**SAN FRANCISCO.** Marina Blvd.  
 Two-story and basement frame residence (10 rooms, 4 baths), brick, wood and stucco exterior, asbestos shingle and composition roof, oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas-fired hot air heating system.  
 Owner—Withheld.  
 Architect—Sidney A. Colton, 544 Market Street.  
 Low Bidder—G. P. W. Jensen & Sons, Inc., 320 Market St.—\$20,180.  
 Complete bids follow:  
 G. P. W. Jensen & Sons, Inc., \$20,180  
 Grant-Martinelli Constr. Co., 20,742  
 Arthur J. Stahl ..... 21,407  
 Jacks & Irvine, 620 Market St., 21,923  
 William Martin ..... 22,631  
 All of San Francisco.  
 Bids held under advisement.

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
**OAKLAND, Alameda Co., Calif.** Sequoia Hills.  
 Two - story frame and stucco residence (7 rooms) wood shake roof, hardwood floors, tile baths, etc.  
 Owner—W. G. Garret.  
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.  
 Low Bidder—Victor Sigge, 3912 Linwood Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**REDWOOD CITY, San Mateo Co., Calif.** Lot 1, Blk. 10, Edgewood Park, 1021 Arlington Road.  
 Two-story frame and stucco residence and garage.  
 Owner & Builder—Fred Carlisle, Box 17, San Carlos.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**STOCKTON, San Joaquin Co., Calif.**  
 2701-09 Pacific Ave.  
 Two-story frame and stucco residence and garage.  
 Owner—H. H. Becker, 329 E. Cleveland St.  
 Architect—Not Given.  
 Contractor—R. G. Polson, 1426 No. Pershing St.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$6,000 each  
**SAN FRANCISCO** NW Juanita, 295

ft. SW Rex St.  
Two one-story frame and stucco residences.  
Owner & Builder—Meyer Bros., 735 Fortola Drive.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$10,000  
PIEDMONT, Alameda Co., Calif. 27 Sharon Avenue.

Two - story frame residence (eight rooms) and garage.

Owner and Builder—George Windsor, 11 Sharrow Ave., Piedmont.

Architect—Irwin M. Johnson 2219 7th Ave., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$8,000  
PIEDMONT, Alameda Co., Calif. 701 Blair Avenue.

Two - story frame residence (seven rooms) and garage.

Owner—J. P. Price, 340 Hardwick Ave., Piedmont.

Architect—H. F. Sloccombe, 131 Monte Cresta Ave., Oakland.

Contractor—H. E. Williams, 839 Creed Road, Piedmont.

**Owner Taking Bids**  
RESIDENCE Cost, \$5,000  
SAN JOSE, Santa Clara Co., Calif.  
One-story frame residence (tile roof, gas heat, wood sash, etc.)

Owner—Joseph Pizzo.

Architect—Chas. McKenzie, Twoby Bldg., San Jose.

Bids are being received by the owner from a selected list of contractors.

**Plans Being Prepared**  
RESIDENCE Cost, \$.....  
LODI, San Joaquin Co., Calif.  
One-story residence (6 rooms and 2 baths) tile or composition roof, oil burning furnace, wood sash, stucco exterior, linoleum baths.

Owner—Withheld.

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans will be completed in about two weeks.

**Contract Awarded**  
RESIDENCE Cont. Price, \$9,975  
PIEDMONT, Alameda Co., Calif. 109 Pacific Avenue.

Two - story stucco and rustic residence and garage (7 rooms and 3 baths) cedar shake roof, linoleum floors in baths; canvas painted walls and ceilings; tile wainscot over tub and in showers; hardwood floors, etc.

Owner—Marvin and Georgia Sherwin, 4034 Balfour St., Oakland.

Architect—Edwin Lewis Snyder, 2104 Addison St., Berkeley.

Contractor—C. M. Andersen, 1853 9th Ave., Oakland.

**Low Bidder**  
RESIDENCES Cost, \$4,500 each  
MENLO PARK, San Mateo Co., Cal.  
Two one-story frame and stucco residences; hardwood floors, tile baths, shingle roofs, etc.

Owner—Name Withheld.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Low Bidder—Vance M. Brown, 1226 Middlefield Road, Palo Alto.

**Plans Completed**  
RESIDENCE Cost, \$7,500  
SAN FRANCISCO, Forest Hill.

One - story frame and stucco and basement residence (5 rooms and social hall) asbestos shingle roof, gas fired hot air heating system, wood sash, hardwood floors, tile bath, etc.

Owner and Builder—Home Development Company.

Architect—Albert H. Larsen, 333 Kearny Street.

**Plans Being Figured — Closing Date**  
Not Set

RESIDENCE Cost, \$.....  
BELMONT, San Mateo Co., Calif.

One - story frame and stucco rustic residence (3 rooms), hardwood floors, tile bath, etc.

Owner—E. Grill, care Architect.

Architect—Angus McSweeney, 604 Mission St., San Francisco.

Following contractors are figuring plans:

A. Nelson, Inc., 242 Ocean Avenue, San Francisco.

G. W. Williams Co., 315 Primrose Road, Burlingame.

Mooney & MacDonald, 1473 Burlingame Ave., Burlingame.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
WALNUT CREEK, Contra Costa Co. New residence.

Owner—Mrs. Paterson.

Architect—Miller and Warnecke, Financial Center Bldg., Oakland.

Contractor—J. W. Monroe, 5535 Claremont Ave., Oakland.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, E 44th Ave. N of Moraga Street.

Four 1-story frame and stucco residences.

Owner and Builder—Standard Bldg. Co., 1500 Judah Street.

Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,500 each  
SAN FRANCISCO, W Upper Terrace, N of Clifford Terrace.

Four 2-story frame and stucco residences.

Owner and Builder—J. B. McSheehy, 137 Clifford Terrace.

Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, E 18th Ave. N of Quintara Street.

Six 1-story frame and stucco residences.

Owner and Builder—R. F. Galli, 377 West Portal.

Architect—Not Given.

**Preparing Working Drawings**  
RESIDENCE Cost, \$4,500  
CASTRO VALLEY, Alameda Co., Calif. Near Hayward.

One - story frame and stucco residence (6 rooms), wood shingle roof, gas-fired heating system, wood sash, hardwood floors, tile bath, etc.

Owner—George Duarte, Castro Valley.

Architect—George Patton Simonds, 80 Main St., Hayward.

Owner will take sub bids.

**Owner Taking Sub Bids**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif.

Two - story rustic residence (6 rms.), wood shingle roof, forced air heating system, hardwood floors, tile baths, etc.

Owner—A. J. Pitka, Athol Ave., Oakland.

Architect—George Patton Simonds, 80 Main St., Hayward.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$8,500  
CASTRO VALLEY, Alameda Co., Calif.

Two-story intergraded residence (8 rooms), composition roof, masonry floors, oil burning heating system, etc.

Owner—Name Withheld.

Architect—George Patton Simonds, 80 Main St., Hayward.

Contractor—Not Given.

**Contract Awarded**  
RESIDENCES Cost, \$.....

MENLO PARK, San Mateo Co., Cal.

Two one-story frame and stucco residences (hardwood floors, tile baths, shingle roofs, etc.)

Owner—Withheld.

Architect—Mario Corbett, 72 3rd Ave. San Mateo.

Contractor—Vance M. Brown, 1226 Middlefield Road, Palo Alto.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$.....  
ARLINGTON HGTS., Alameda Co., Cal. Near Berkeley.

One - story frame and stucco residence (5 rooms) shingle roof, wood sash, etc.

Owner—Withheld.

Architect—John E. Dinwiddie, 360 Pine St., San Francisco.

**Plans Completed**  
RESIDENCES Cost, \$.....  
SAN FRANCISCO, Aptos Way near Ocean Avenue.

Two two-story and basement frame and stucco residences (8 rooms each) hardwood floors, tile baths).

Owner and Builder—Michael & Bommer, 762 DeHaro Street.

Architect—Conrad T. Kett, 519 California Street.

**Contract Awarded**  
RESIDENCE Cont. Price, \$11,300  
SONOMA COUNTY, Cal. Near Sebastopol, Graton District.

One - story frame and stucco residence (10 rooms) shake roof, oil burning hot air conditioning system, hardwood floors, tile baths.

Owner—Oscar Hallberg.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Sam Swindler, 353 Florence Ave., Sebastopol.

**Contract Awarded**  
RESIDENCE Cost, \$9,000  
PALO ALTO, Santa Clara Co., Calif. 1950 Tasso Street.

Two-story stucco residence and garage.

Owner—Frank L. Crist, 505 Emerson St., Palo Alto.

Architect—Not Given.

Contractor—W. E. Gibson, Box 407, Route 1, Palo Alto.

**Contract Awarded**  
RESIDENCE Cost, \$12,500  
SAN FRANCISCO, NW Sutter and Steiner Sts.

Two-story frame and stucco residence.

Owner—S. C. Sweigert, 1805 Steiner Street.

Architect—Not given.

Contractor—John Kranier, 1906 Steiner Street.

**Contract Awarded**  
RESIDENCE Cost, \$18,000  
PALO ALTO, Santa Clara Co., Calif. 2090 Webster St.

Two-story stucco and brick veneer residence and garage.

Owner—N. T. Nowell, 529 Ramona St.

Architect—A. W. Hawes, 10910 Kinwood Ave., Westwood, L. A.

Contractor—E. A. Janassen, 529 Ramona St.

**To Be Done By Days Work**  
RESIDENCES Cost, \$4,500 ea.  
W. of Del Vale.

Five one-story frame and stucco residences.

Owner and Builder—Meyer Bros., 735 Portola Avenue.

Architect—Not given.

**Contract Awarded**  
RESIDENCE Cost, \$12,500  
PIEDMONT, Alameda Co., Calif. 72 Inverleith Avenue.

Two-story frame and stucco residence (8 rooms), garage.

Owner—N. B. Carter, 141 Bonita Avenue  
 Architect—F. L. Confer, 3147 Clarendon Ave.  
 Contractor—W. Vernon Beard, 227 San Carlos Ave. (5207)

**Contract Awarded**  
 RESIDENCE Cost \$6,650  
 BERKELEY, Alameda Co., Calif.  
 Lot 44, Bk. C, Hopkins Terrace No. 3.  
 One-story frame and stucco residence.

Owner—G. Burrell.  
 Architect—J. D. Wickenden, 1408 Spring Way, Berkeley.  
 Contractor—Herbert K. Henderson, 393 40th St., Oakland.

**Owner Taking Bids**  
 RESIDENCE Cost \$3,000  
 MILLBRAE, San Mateo Co., Calif.  
 One-story frame and stucco residence (3 rooms), gas fired heating system, steel sash, linoleum floors, garage.  
 Owner—R. E. Mogel, 820 Elizabeth St., San Francisco.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco. (5201)

**To Be Done By Days Work**  
 RESIDENCE Cost \$5,500  
 SAN FRANCISCO, Merced Manor.  
 One-story frame and stucco and wood siding residence (6 rooms) hot air heating system, wood sash, hardwood floors, tile bath, etc.

Owner and Builder—James W. McCabe, 716 Ulloa St.  
 Architect—D. E. Jaekle, 126 Post St.

**Contract Awarded**  
 RESIDENCE Cost \$5,500  
 OAKLAND, Alameda Co., Calif., 5919 Vicente St.  
 One-story frame and stucco residence (6 rooms).  
 Owner—E. Ralandelli, 4506 42nd St.  
 Architect—Not given.  
 Contractor—John Cisero, 474 42nd St.

**To Be Done By Day's Work**  
 RESIDENCE Cost \$5,500  
 SAN FRANCISCO, San Juan and Cayuga Streets.  
 One-story and basement frame and stucco residence (6 rooms), wood sash, hot air heating system, composition roof, hardwood floors, tile bath, etc.  
 Owner & Builder—A. de Benedetti & Son, 100 Brazil Ave.  
 Architect—D. E. Jaekle, 126 Post St.

**To Be Done By Day's Work**  
 RESIDENCE Cost \$5,000  
 SAN FRANCISCO, St. Mary's Park.  
 One-story frame and stucco residence (5 rooms), composition roof, hot air heating system, hardwood floors, tile bath, etc.  
 Owner & Builder—A. R. Johnson, 3901 Mission St.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

**Contract Awarded**  
 RESIDENCE Cost \$10,000  
 OAKLAND, Alameda County, Calif., 6016 Manchester Drive.  
 Two-story frame and stucco residence (8 rooms).  
 Owner—Bauer E. Kramer.  
 Architect—E. T. Foulker, 357 12th St.  
 Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

**Contract Awarded**  
 RESIDENCE Cont. Pr. \$12,530.40  
 BERKELEY, Alameda Co., Calif. Cedar and Hawthorne Terrace.  
 Three-story frame and stucco residence (7 rooms), hardwood floors, tile baths, wood sash, etc.  
 Owner—L. M. Van Deusen.  
 Architect—W. W. Wurster, 260 California St., San Francisco

Contractor—Enoch Trannal, 483 Contract Awarded  
 RESIDENCE Cost \$16,000  
 HILLSBOROUGH, San Mateo County, Calif.  
 Two-story frame and stucco residence (9 rooms, 4 baths) hardwood floors, tile baths, gas warm air heating system, shake roof.

Owner—Withheld.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.  
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Preparing Working Drawings**  
 RESIDENCE Cost \$4,000  
 ALAMEDA COUNTY, Cal. Hampden Road, near Hayward.  
 One-story integrated residence (five rooms) masonry floors and baths wood sash, composition roof, etc.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Sub-Bids Being Taken**  
 RESIDENCE Cost \$ .....  
 SAN FRANCISCO, 32nd Ave. near California Street.

Two-story frame and stucco residence (7 rooms) hardwood floors tile baths, wood sash, etc.  
 Owner and Builder—H. C. Hogrefe, 359 24th Ave.  
 Architect—Conrad T. Kett, 519 California Street.

**Contract Awarded**  
 DORMITORY Est. Cost \$50,000  
 ALMA, Santa Clara Co., Cal. About three miles from Los Gatos.  
 Three-story frame dormitory (36x100-ft.) shingle roof, wood sash, hardwood floors, etc.  
 Owner—Jesuit Fathers Society of Jesus.

Architect—Edward Eames, 216 Pine St., San Francisco.  
 Contractor—Barrett & Hulp, 918 Harrison St., San Francisco.  
 Construction will start immediately.

**Plans Being Completed**  
 RESIDENCE Cost \$15,000  
 LEMON COVE, Tulare Co., Calif.  
 One-story frame residence (shingle roof).  
 Owner—Jay Kennedy, Lemon Cove.  
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.

**Preparing Working Drawings**  
 RESIDENCE Cost \$ .....  
 SACRAMENTO, Sacramento County, Calif. Sierra Oaks Vista.  
 One-story frame residence (five rooms), shingle roof, wood sash, hardwood floors, linoleum bath, oil burning hot air heating system, etc.  
 Owner—Withheld.  
 Architect—Williams & Wastell, 337 17th St., Oakland.

Plans will be completed and general figures asked in about three weeks from a selected list of local contractors.

**Plans Being Completed**  
 RESIDENCE Cost \$ .....  
 MODESTO, Stanislaus County, Calif.  
 1½-story frame and stucco residence (8 rooms, 2 baths) tile roof, tile baths, hardwood floors, automatic gas furnace; 3-car garage, etc.  
 Owner—Mr. Silva.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.

Bids will be asked within a few days.

**Plans Being Completed**  
 RESIDENCE Cost \$ .....  
 MODESTO, Stanislaus County, Calif.  
 Two-story stucco residence (seven rooms, 2 baths) 4-car garage, tile roof, tile baths, hardwood floors, steel sash, automatic oil burning

heating system, etc.  
 Owner—H. P. Laws.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Bids will be asked within a few days.

**Plans Being Figured—To Close May 17, 5 P. M.**  
 RESIDENCE Cost \$ .....  
 PIEDMONT, Alameda Co. Cal. Wildwood Avenue.

Two-story Colonial residence (hardwood floors, linoleum baths, wood sash, hot air heating system, etc.  
 Owner—H. I. Dunn, c/o architect.  
 Architect—Clarence W. Mayhew, 6025 Acacia St., Oakland.

Plans are being figured by the following selected list of contractors: Carl Walstrom, 1447 Excelsior Ave. George Anderson, 211 Hanover Ave. David Nordstrom, 4150 Emerald St. C. M. Teigland, 4668 Dolores Ave. J. R. Armstrong, 1131 Fleet Road. E. S. Campomenosi, 6501 Broadway Terrace.  
 All of Oakland.  
 Alter one-story residence.

**Preparing Preliminary Plans**  
 ALTER RESIDENCE Cost \$3,500  
 SALINAS, Monterey Co., Calif.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Preparing Preliminary Plans**  
 RESIDENCE Cost \$4,000  
 CORTE MADERA, Marin Co., Calif.  
 One-story integrated residence (five rooms) composition roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Preparing Preliminary Plans**  
 RESIDENCE Cost \$3,500  
 CASTRO VALLEY, Alameda Co., Cal.  
 One-story rustic residence (5 rooms) shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Preparing Plans**  
 RESIDENCES Cost \$6,000 ea.  
 SAN FRANCISCO, Bayshore Dist.  
 Four one-story and basement frame and stucco residences (5 rooms ea.) wood sash, hardwood floors tile baths, gas fired heating systems, etc.  
 Owner—The Ruegg Co., 369 Pine St.  
 Architect—A. H. Larsen, 333 Kearny.

**Plans Being Prepared**  
 RESIDENCE Cost \$10,000  
 SAN FRANCISCO, Monterey Heights  
 Two-story frame and stucco residence (6 rooms, service porch, 2 baths, and separate laundry).  
 Owner and Builder—Home Building Service, 101 Post St., San Francisco.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

**To Be Done By Day's Work**  
 RESIDENCE Cost \$4,500  
 SAN FRANCISCO, Ralston & Hollywood Sts.

One-story frame and stucco residence (5 rooms), composition shingle and tar and gravel roof, hot air heating system, hardwood floors, tile bath, wood sash, etc.

Owner & Builder—Bernhardt & Cowen, 924 Taraval St.  
 Architect—D. E. Jaekle, 126 Post St.

**Sub Bids Wanted**  
 RESIDENCE Est. Cost \$9,000  
 SAN FRANCISCO, Forest Hill.  
 Two-story frame and stucco residence (7 rooms, tile baths, wood

sash, tile and tar and gravel roof, social hall and maid's room, etc.

Owner—E. B. Solloway, care Architect.

Architect—E. H. Denke, 1317 Hyde

Sub bids are now being received by the architect.

**15—SCHOOLS**

**BOND ELECTION**

**SONOMA CO., Calif.**—Danbar Union School District will vote on June 4, on a proposal to issue bonds in the amount of \$17,000, proceeds to finance construction of (1) purchase of school lots; (2) building of school buildings; (3) alterations and additions to existing school buildings; (4) restoration of damaged school buildings; (5) furnishing school buildings; (6) permanent improvement of school grounds.

**Bond Election**

**ADDITION** Cost, \$40,000  
**PLACERVILLE, Eldorado Co., Calif.**  
 Cottage and Union Streets.  
 Two-story classroom addition (three classrooms, manual training shop etc.) frame and stucco construction.

Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk)  
 Architect—Jens C. Petersen, 812 26th Street, Sacramento.

An election will be held May 28 to vote on a proposal to issue \$40,000 in bonds to finance construction.

**Plans Being Figured—Bids Close**  
 May 26, 4:30 P. M.

**SCHOOL** Cost, \$50,000  
**SACRAMENTO, Sacramento Co., Cal.**  
 San Miguel Way and D Street.  
 One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administrative offices), concrete floors in corridors, linoleum floors in classrooms, shingle roof, etc. (Theodore Judah School).

Owner—Sacramento City Sch. District.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

**Plans Completed**

**SCHOOL** Cost, \$106,000  
**MARCUS, Stevens Co., Wash.**  
 Two-story reinforced concrete and brick veneer grade and high school building (185x145-ft.)  
 Owner—School Districts 28 and 50 (G. L. Carroll, Clerk) Marcus.  
 Architect—George M. Hasque, Washington Trust Bldg., Spokane.  
 Plans have been forwarded to the PWA for approval.

**Preparing Working Drawings**

**ADDITION** Cost, \$35,000  
**CHOWCHILLA, Madera Co., Calif.**  
 One-story frame and stucco addition (assembly hall to seat 400, and two classrooms) wood shingle roof, etc.; repairs to the present building; new toilet facilities, etc.  
 Owner—Chowchilla Grammar School District.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.

A bond issue to finance construction was approved at a special election April 27.

**Contract Awarded**

**ADDITION** Contract Price, \$9,500  
**McFARLAND, Kern Co., Calif.**  
 Elementary School addition (1 classroom), concrete frame, cement exterior, wood interior partitions, terra cotta tile roof, maple, douglas fir and linoleum floors, plaster interior under floor heating system.  
 Owner—McFarland Un. School Dist.  
 Architect—Symmes & Willard; Stanton Willard, architect; Ira W.

Hoover, architect consultant; 215 Haberfeld Bldg., Bakersfield.  
 Contractor—A. J. Hendricks, 613 19th St., Bakersfield.

Complete bids follow:  
 A. J. Hendricks, Bakersfield.....\$9,500  
 E. Frank Barr, Ventura.....9,742  
 R. Hodgson & Son, Fresno.....10,290

**BOND ELECTION PLANNED**

**PITTSBURG, Contra Costa Co., Calif.**—Ambrose School District is planning to vote bonds in the near future in the amount of \$40,000, proceeds to finance construction of three new classrooms, an auditorium and a kitchen at Ambrose School.  
 Architect not yet selected.

**CONTRACT AWARDED**

**GLENDALE, Los Angeles Co., Cal.**  
 —R. G. Rittenhouse, 413 W. Garfield Ave., Glendale, awarded contract to build a parochial school and hall at Incarnation Parish, Glendale, for the Roman Catholic Archbishop, Arch. Diocese of Los Angeles. G. Verge, architect.

**Plans Being Figured—Bids Close**

May 28, 7:30 P. M.  
**SCHOOL** Cost, \$63,000  
**LOST HILLS, Kern Co., Calif.**  
 Reinforced concrete school building (4 classrooms and auditorium) tile roof, steam heat, etc.  
 Owner—Lost Hills School District.  
 Architect—Perrine & Mackie, Herbert E. Mackie, architect, 908 W. Western Pacific Bldg., Los Angeles.

Plans and specifications obtainable from the office of the architect after May 17, upon deposit of \$25.00.

**BONDS VOTED**

**UPPER LAKE, Lake Co., Calif.**—Upper Lake Union School District voted bonds in the amount of \$12,000 April 30, proceeds to finance: (1) construction or purchasing of school buildings; (2) alterations and additions to school buildings; (3) furnishing of school buildings; (4) permanent improvement of school grounds.

**Sub-Contracts Awarded**

**RECONSTRUCTION** Contract Price, \$176,725  
**CROCKETT, Contra Costa Co., Calif.**  
 Reconstruction of Academic Building at John Swett High School.  
 Owner—Crockett School District.  
 Engineers—Dewell and Earl, 55 New Montgomery St., San Francisco.  
 Contractor—C. L. Wold Const. Co., Ltd., 4412 Fulton St., San Francisco.

**Structural Steel—Schrader Iron Wks Inc., 1247 Harrison Street, San Francisco.**

**Lining—Egins Co., 2245 Broad Way, Oakland.**

**Electric—Crockett Elec. Shop, Valley St., Crockett.**

**Heating—F. J. Edwards, 2401 Ninth Ave., Oakland.**

**Plumbing—Oscar O. Prytz, 577 Loring Ave., Crockett.**

**Window Hardware—Universal Window Co., 950 Parker St., Berkeley.**

**Plans Being Prepared**

**ADDITION** Cost, \$.....  
**MODESTO, Stanislaus Co., Cal.**  
 Library and one-classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).  
 Owner—Modesto City Board of Education (E. D. Abbott, Secty.) 14th and I Sts., Modesto.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.

**BOND ELECTION**

**SANTA RITA, Monterey Co., Cal**

—A special election will be held in the Santa Rita School District, June 4, to vote on a proposal to issue \$20,000 in bonds to finance construction of additions and alterations to the school building.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—N. A. Anderson, 111 W. 7th St., at \$45,462, awarded contract by Los Angeles board of education, for construction of cafeteria building and two standard two-unit shop buildings at Verdugo Road junior high school. A. S. Nibecker, Jr., architect.

**Hardwood Floor Contract Awarded SCHOOL** Cont. Pr. \$322,550  
**PALO ALTO, Santa Clara Co., Calif.**  
 Middlefield Road and California Avenue.

Two-story reinforced concrete David Starr Jordan Junior High School to accommodate 1,000; administration office, 27 classrooms, boys' and girls' gymnasium, auditorium to seat 1,000; cafeteria to accommodate 600, and library.

Owner—Palo Alto School District.  
 Architect—Birge M. and David B. Clark, 310 University Ave., Palo Alto.

Contractor—Carl N. Swenson, 355 Stockton Ave., San Jose.

**Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St., San Francisco.**

Complete sub-contracts published Dec. 5 and Feb. 10.

**Contract Awarded**

**ADDITION** Cont. Pr. \$9,500  
**McFARLAND, Kern Co., Calif.**  
 Elementary School addition (1 classroom), concrete frame, cement exterior, wood interior partitions, terra cotta tile roof, maple, douglas fir and linoleum floors, plaster interior under floor heating system.

Owner—McFarland Union School District.

Architect—Symmes & Willard; Stanton Willard, architect; Ira W. Hoover, Architect consultant; 215 Haberfeld Bldg., Bakersfield.

Complete bids follow:  
 A. J. Hendricks, Bakersfield.....\$9,500  
 E. Frank Barr, Ventura.....9,742  
 R. Hodgson & Son, Fresno.....10,290

**Contract Awarded**

**SCHOOL** Cont. Pr. \$35,460  
**BELRIDGE, Kern Co., Calif.**  
 School building (2 classrooms, wood shop and lunch room), wood frame, cement plaster exterior, wood interior partitions, terra cotta tile roof, cement, linoleum and maple floors; air conditioning system; acoustic hardwall plaster interior, etc.

Owner—Belridge Union School District (C. E. Coleston, Clerk).

Architect—Symmes & Willard; Stanton Willard, architect; Ira W. Hoover, architect consultant; 215 Haberfeld Bldg., Bakersfield.

Contractor—E. Frank Barr, 1547 E. Main St., Ventura.

Complete bids follow:  
 B. Frank Barr, Ventura.....\$35,460  
 Willard Michael, Bakersfield.....35,689  
 A. J. Hendricks, Bakersfield.....35,840  
 L. H. Hansen & Son, Fresno.....36,508

**BIDS WANTED**

**LONG BEACH, Calif.**—Until May 21, 4 p.m. bids will be received by the Long Beach board of education for the construction of the steel frame industrial arts building (60x192 ft.) at the Polytechnic high school. Plans and specifications may be obtained at the office of the business manager of the board, 715 Locust Ave., Long Beach; bids will be taken on two bases: (1) entire project to be handled under a general contract, but with alternate bids

on (a) plumbing, (b) heating and ventilating, (c) electric, and (d) general; and (II) segregated bids on (a) plumbing, (b) heating and ventilating, (c) electric; the condition of Bid (I) is that the district may let entire project under general contractor or may eliminate from general contractor, plumbing, and/or heating and ventilating and/or electric work. Certified or cashier's check or bond for 5 per cent must accompany each bid. Hugh E. DeOwler, architect, 430 E. Ocean Ave., Long Beach. Cost, \$90,000.

## 16—BANKS, STORES AND OFFICES

**Contract Awarded**  
**REMODEL STORE BLDG.** Cost, \$4,000  
SAN FRANCISCO. 1530 Haight St. Remodel one-story store building. Owner—Martin Stelling. Architect—Earle B. Bertz, 681 Market Street. Contractor—George H. Hansell, 1834 Geary St.

**Low Bidder**  
**ALTER STORE, ETC.** Cost, \$.....  
SAN FRANCISCO. Second Street, near Howard Street. Alterations to store and loft. Owner—E. C. Bothin. Architect—George W. Travis, 604 Mission St. Low Bidder—E. A. Anderson, 1177 DeHaro St.

**Planned**  
**BANK** Cost, \$.....  
YERBA BUENA SHOALS. Site of 1939 Exposition Branch Bank. Owner—Capital Co., 625 Market St., San Francisco. No decision has been made at this time as to whether the building will be constructed by the Capital Company or by the City.

**Contract Awarded**  
**OFFICE BLDG** Cost, \$20,000  
WATSONVILLE. Santa Cruz Co., Calif. Main and Eastern Drive. District office building and retail headquarters (73x49 ft.); concrete and frame construction, stucco exterior, the roof, 52-ft glass front, beamed ceiling in display room, tile or hardwood floors, walls and ceilings insulated with cork board (offices, display room, ice storage plant), refrigeration machinery, etc. Owner—Union Ice Company, Appleton Bldg., Watsonville. Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville. Contractor—Friend & Resh, P. O. Box 743, Watsonville.

**Contract Awarded**  
**ALTER STORE, ETC.** Cost, \$.....  
SAN FRANCISCO. Second St. near Howard Street. Alterations to store and loft. Owner—E. C. Bothin. Architect—Geo. W. Travis, 604 Mission Street. Contractor—E. A. Anderson, 1177 DeHaro Street.

**Contract Awarded**  
**ADDITION** Cost Per, \$13,915  
OAKLAND, Alameda Co., Cal. Sixth and Webster Streets. Two-story brick and steel addition to Salvation Army Building (wood and steel sash). Owner—Salvation Army. Architect—Douglas D. Stone, 281 Bush St., San Francisco. Structural Engineer—F. W. Kellogg, 320 Market St., San Francisco. Contractor—John J. Moore Co., 254 Hobart St., Oakland. Complete bids follow:

John J. Moore, Oakland.....\$13,945  
Lindgren & Swinerton, Inc., San Francisco.....15,440  
Fred K. DuPay, S. F.....16,666  
W. K. Van Bokkelen, Oakland 16,887

**Preparing Preliminary Plans**  
**STORE BLDG.** Cost, \$10,000  
CASTRO VALLEY, Alameda Co., Calif. One-story frame store building (4 stores). Owner—Name Withheld. Architect—George Patton Simonds, 80 Main St., Hayward.

**Planned**  
**ALTERATIONS** Cost, \$150,000  
FRESNO, Fresno Co., Calif. Fulton and Kerr Streets. Remodeling and renovating one-story store building (125x150-ft.). Owner—Rainbow Realty Co., Fresno. Lessee—F. W. Woolworth Co., National Center Bldg., San Francisco.

Plans will be prepared by the architectural department of the owner. The Woolworth Company has just signed a 43-year lease on the Bldg. and will remodel the building in the near future.

**Plans Being Completed**  
**ALTERATIONS** Cost, \$.....  
SACRAMENTO, Calif. Sacramento Co. Cal. Reconstruct front of two-story brick building (new terra cotta unit, tile floor and new tile roof, etc.). Owner—Rothschild Bros., 41 Sutter St., San Francisco. Architect—F. F. Amadeus, 414 Dewey Blvd., San Francisco. Plans will be completed this week.

**Sub Bids Being Taken**  
**MARKET STORE** Cost, \$20,000  
STOCKTON, San Joaquin Co., Calif. NE Harding Way and Commerce Street.

One-story brick or concrete market building (7x90 ft.), plaster ceiling, composition roof, concrete floors, ultra-modern in design. Owner—C. F. Vining, Sacramento. Architect—Frank V. Mayo, 108 E. Miner St., Stockton.

Sub bids are being taken on all parts of the work by Mr. Reagh, agent for Mr. Vining.

**Contract Awarded**  
**ALTER STORE** Cost, \$9,500  
OAKLAND, Alameda Co., Calif., 711 Webster Street. Alter store. Owner—George Young, 354 Eighth St. Architect—Not given. Contractor—C. M. Teigland, 4607 Harbor Drive.

**Sub-Contracts Awarded**  
**ALTERATIONS** Cost, \$300,000  
FRESNO, Fresno Co., Calif. NE corner Fulton and Fresno Sts. Alterations to Cory Bldg. (construct mezzanine like floor surrounding large well from main floor to ceiling, re-decorate interior, install elevators and heating and cooling system; addition of exterior marble).

Owner—Cory Estate, Ben H. Cory, Manager. Architect—Bliss & Fairweather, Balboa Bldg., San Francisco. Contractor—Fisher & McNulty, 327 Cory Bldg., Fresno. Masonry—Paul Kindler, 1646 Hedges. Plumbing—Barrett-Hicks Company, 1031 Broadway. Wiring—Electric Const. Co., 831 Fulton Street. Mill Work—Fresno Planning Mill Co., H and Monterey Streets. Structural and Reinforcing Steel—Kvle & Co., 346 G St. Roofing—Valley Lumber Co., H and Montgomery Streets. Glass. Air Conditioning—York Ice Mch.

Co., 964 Wilson St. Plastering—M. E. Summers, 4351 Van Ness Blvd. Elevators—Otis Elevator Co., 931 Van Ness Blvd. Glass and Glazing—W. P. Fuller and Co., Los Angeles and M Sts. All of Fresno.

**Contract Awarded**  
**STORE BLDG.** Cost, Price, \$13,635  
SAN FRANCISCO. Sutter and Steiner Streets. Two-story frame store building consisting of four stores and lots. Owner—Withheld. Architect—A. A. Cantin, 61 Pine St. Contractor—J. Kramer, 1906 Steiner.

**Contract Awarded**  
**STORE BLDG.** Cost, \$9,000  
OAKLAND, Alameda County, Calif. Broadway bet. 49th and 51st Sts. One-story frame store building. Owner—Withheld. Architect—K. E. Fonsford, 900 Creed Road, Oakland. Contractor—David Nordstrom, 4150 Emerald St., Oakland.

**Bids In—Held Under Consideration.**  
**ALTERATIONS** Cost, \$.....  
BERKELEY, Alameda County, Calif. Shattuck and Center Avenues. Alterations to Mercantile Bank Bldg. (remove exterior projecting cornice, plaster and paint exterior, new entrance). Owner—Pacific States Savings and Loan Co., 745 Market Street, San Francisco. Architect—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley. Bids will be received by the owner. Announcement shortly.

**Plans Being Completed**  
**ALTERATIONS** Cost, \$.....  
MODESTO, Stanislaus County, Calif. Remodel two-story brick store bldg. (new facing, interior changes). Owner—Mr. Christ. Architect—G. N. Hilburn, 1213 I St., Modesto. Bids will be asked shortly.

**Preparing Preliminary Plans**  
**ADDITION** Cost, \$4500  
OAKLAND, Alameda Co., Cal. Football Blvd. Addition of one-story consisting of two apartments to present two-story store and apartment bldg. Owner—Withheld. Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Contract Awarded**  
**ALTER ELEVATORS** Cost, \$.....  
SAN FRANCISCO, Calif. 201 Sansome St. Alter elevators in the Royal Insurance Building. Owner—Royal Insurance Co., Ltd. Architect—Bliss & Fairweather, Balboa Bldg., San Francisco. Contractor—Dinwiddie Construction Co., 210 Crocker Bldg.

## 17—THEATRES

**Plans Being Figured**  
**ADDITION** Cost, \$15,000  
PITTSBURG, Contra Costa Co., Cal. Remodeling theatre (re-decorating plastering, carpentry work, beautifying lobby, new marquee, new floors, new men's toilets, new seating, new carpets new electrical fixtures, etc.)

Owner—California Theatres. Architect—F. F. Amadeus, 414 Dewey Blvd., San Francisco. This is being received from the following contractors: Cahill Bros., 206 Sansome St., San Francisco. Alfred J. Hopper, 1769 Pleasant Valley Ave., Oakland. Horace Sling, 23 W. 7th St., Pitts-



burg.

**Bid Opening Postponed**  
**REMODEL THEATRE** Cost, \$.....  
 RICHMOND, Contra Costa Co., Calif.  
 501 MacDonald Avenue.

Alter Richmond Theatre (remove balcony; new foyer; rest rooms, lobby, front and marquee).  
 Owner—Fox West Coast Theatres, Architect—A. A. Cantin, 64 Pine St., San Francisco.

Plans are being figured by the following selected list of contractors:  
 A. J. Hopper, 2769 Pleasant Valley Avenue, Oakland.  
 Moore & Roberts, 693 Mission St., San Francisco.

E. J. Freethy, 224 16th St., Richmond.

Bid opening date postponed for a few days from May 10. Announcement shortly.

**Bid Opening Postponed**  
**REMODEL THEATRE** Cost, \$.....  
 BERKELEY, Alameda Co., Cal. 2036 University Avenue.

Remodel Fox U. C. Theatre (enlarge foyer, new marquee, etc.).  
 Owner—Fox West Coast Theatres, Architect—A. A. Cantin, 64 Pine St., San Francisco.

Plans are being figured by the following selected list of contractors:  
 A. J. Hopper, 2769 Pleasant Valley Avenue, Oakland.

Moore & Roberts, 693 Mission St., San Francisco.  
 E. J. Freethy, 224 16th St., Richmond.

Bid opening date postponed for a few days from May 10. Announcement shortly.

**Plans Completed**  
**THEATRE** Cost, \$.....  
 FORTUNA, Humboldt Co., Calif.  
 Reinforced concrete theatre building (60 x 150 ft.), to seat 1,000; two stories adjoining lobby.

Owner—Redwood Theatres, Inc. (G. M. Mann, President), 25 Taylor St., San Francisco.  
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Construction will begin in about two weeks.

## 18—WHARVES & DOCKS

### BIDS WANTED

**PEARL HARBOR, T. H.**—Bids are being received by Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8436, for the construction of reinforced concrete moorings at the 14th Naval District, Pearl Harbor, T. H. Estimated cost, \$275,000.

Plans and specifications obtainable from the office of the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, or from the Commandant, 12th Naval District, Federal Office Bldg., San Francisco. 18

### Fire Loss

**WACK APRON** Cost, \$.....  
 Wooden track apron on north side of concrete pier damaged by fire and shed and bulkhead buildings slightly damaged.

Owner—State of California (Board of Harbor Commissioners) Ferry Building.  
 Engineer—Frank G. White, Ferry Building.

### BIDS WANTED

**MARIN CO.** Cal.—Until May 28, 3 a. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-275, for the removal and disposal of approximately 8,500 sq. ft. of the existing Quartermaster Wharf and the construction of a reinforced concrete abutment and wharf of approximately 29,500 sq. ft. at

Fort Baker, Marin County.

Work consists of the construction of a submarine mine wharf in Horse-shoe Bay, adjacent to the existing Quartermaster Wharf at Fort Baker, and involves the removal and disposal of a part of the existing Quartermaster wharf and the relocation of an existing coal bunker supported on the existing wharf at Ft. Baker; the construction of a reinforced concrete abutment together with the excavation and backfilling for same; and the construction of a reinforced concrete wharf and approach thereto, the wharf and approach to be complete with fenders, fender piles, curbs, electrical and telephone conduit and junction boxes, 36-in. gauge railway tracks, asphalt concrete surface, asphalt under-deck coating, drains, and mooring bits and cleats.

Bids will be taken as follows:

- (1a) Lump sum, move and relocate existing coal bunker and a telephone pole;
- (1b) Lump sum, remove existing fender piles and wharf-deck structure;
- (1c) 22 each, remove existing concrete piles by pulling;
- (1d) 22 each, remove existing concrete piles by cutting;
- (2a) 220 c.y. structure excav.;
- (2b) 250 c.y. backfill;
- (3) 1,470 c.y. concrete (Class A), including underdeck waterproofing;
- (4) 217,000 lbs. reinforcing steel (for Class A concrete);
- (5a) 23,000 lf. vertical concrete piles;
- (5b) 4,200 lf. batter concrete piles;
- (5c) 2,350 lf. concrete piles, rock anchorage type;
- (6) 7,450 lf. creosoted wood fender piles;
- (7) 39 MFEM creosoted timber;
- (8a) 23,000 lbs. railroad track and fittings;
- (8b) 359 each, structural steel projector shoes for concrete piles;
- (8c) 13,000 lbs. hardware, bolts, pipe sleeves and ogee washers;
- (8d) 1,660 lbs. structural steel plates and washers;
- (8e) 150 lbs. corrosion-resisting steel bolts;
- (9a) 67 each, cast-iron penetrating shoes for concrete piles;
- (9b) 7 each, cast-iron mooring bits;
- (9c) 8 each, cast-iron mooring cleats;
- (9d) 2,300 lbs. special cast-iron washers;
- (10a) 870 lf. fiber conduit;
- (10b) 70 lf. metal conduit;
- (10c) 3 each, junction boxes, Type A;
- (10d) 5 each, junction boxes, Type B;
- (11) 29,700 sq. ft. asphalt concrete pavement.

Plans and specifications obtainable from the above office upon deposit of \$10.

## 19—MISC. CONSTRUCTION

**Planned**  
**SWIMMING POOL** Est. Cost, \$50,000  
 EUREKA, Humboldt Co., Calif. Site to be selected.

Reinforced concrete swimming pool (50 x 100 ft.); filtering plant, dressing rooms, showers, etc.

Owner—City of Eureka.  
 Architect—Not Selected.  
 It is proposed that the City of Eureka vote bonds in June to finance construction of pool.

### CONTRACT AWARDED

**SAN PEDRO, Calif.**—American Automatic Electric Co., Chicago, Ill., at \$28,379, awarded contract by the Procurement Division, Washington, D. C. for furnishing telephone exchange for the Federal Jail, Terminal Island, San Pedro.

### BIDS OPENED

**PORTLAND, Oregon.**—Albina Engineering & Machine Works, 2038 N. Al-

bina, Portland, at \$28,167, completion in 110 days, submitted low bid for repairing the Italian motorship Fetre which sank in Columbia River after collision with Edward F. Luckenbach, and was towed into Portland for repairs.

Complete bid as follows:  
 Albina Engineering & Machine Works, Portland—\$28,167; 110 days.

Todd Seattle Dry Docks, Seattle—\$38,000; 56 days.

Burrard Drydock Co., North Vancouver, B. C.—\$274,000; 95 days.

Yarrowas Drydocks, Ltd., Victoria, B. C.—\$381,345; 95 days.

Moore Drydock Co., Oakland—\$383,275; 95 days.

Bethlehem Shipbuilding Corp., San Francisco—\$385,000.

Commercial Iron Works, Portland—\$416,700; 125 days.

### BIDS WANTED

**SAN DIEGO, Cal.**—Until May 29, 11 a. m., bids will be received by the 11th Naval District, San Diego, for refrigerating facilities at the Naval Operating Base (Marine Corps Base) San Diego; Spec. 8382. Work includes (a) insulation for two cold storage rooms and two cold storage room doors; (b) air coolers in new cold storage rooms; (c) refrigerating machine (air cooled); (d) all necessary piping between refrigerating machine and air cooler; and (e) electrical work for lighting the room as required in connection with the installation of the refrigerating machinery. Bidding data obtainable from above office upon deposit of \$10.00.

### BIDS OPENED

**FORT McDOWELL, Cal.**—General Engineering & Drydock Co. 1100 Sansome St., San Francisco, at \$11,779 submitted low bid to the Quartermaster, Fort McDowell, under Bid No. 536-37-30, for drydocking and overhauling the U. S. Harbor Boat "General Frank M. Cox."

The other bids were:  
 Moore Dry Dock Co., \$13,572.20  
 Bethlehem Shipbldg. Corp., \$15,042.10

### Planned

**DAIRY BUILDING** Est. Cost \$35,000  
 SACRAMENTO, Calif. State Fair Grounds.  
 Dairy building and assembly hall, air conditioned.

Owner—State of California (Robert Mucker, Secretary-Manager of Fair).

Architect—Not selected.

### BIDS WANTED

**MARIN CO., Calif.**—Until May 23, 10 a. m., bids will be received by Captain H. J. Vanderluis, H. D. Artillery Engineer, Fort Winfield Scott, for the installation of a subterranean cable between Fort Barry and the proposed manhole in the Military Reservation, Tennessee Point, Marin County.  
 Plans and specifications obtainable from the above office.

### CONTRACT AWARDED

**SAN FRANCISCO**—Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois streets, San Francisco, at \$485 submitted low bid and awarded contract by the State Board of Harbor Commissioners, Ferry Building, Frank G. White, Chief Engineer, for drydocking and repainting the hull of Drudge No. 4.

The other bids were:  
 Pacific Dry Dock and Repair Co., \$655.

General Engineering and Drydock Co., \$665.

### PERMIT APPLIED FOR

**INGLEWOOD, Los Angeles Co., Calif.**—Maury I. Diggs, 708 Title Guaranty Bldg., Los Angeles, May 6,

filed an application for permit to construct grandstand footings at 9699 Prairie Ave., Inglewood, for Hollywood Turf Club. Valuation of footings, which cover an area of 132x320 ft., is \$100,000. As previously reported, work will be done on segregated contract basis under Mr. Diggs' supervision.

#### Bid Opening Postponed Until May 24, 10 A. M.

**FAIR BLDGS.** Est. Cost, \$10,000  
**SANTA ROSA,** Sonoma Co., Calif.  
Cow sheds and racing stables, completion of the grandstand and bleachers to seat 1,000.  
Owner—Sonoma County Fair.  
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
Postponed from May 11.

#### BOND ELECTION

**MARTINEZ,** Contra Costa Co., Cal.—City of Martinez (R. B. Johnson, city clerk) will vote June 15 on a proposal to issue bonds in amount of \$50,000, proceeds to finance construction of a municipal swimming pool.

#### Planned EXHIBITION BLDG. Cost, \$100,000 YERBA BUENA SHOALS. Site of 1939 Exposition.

Two-story modernistic "Wonderland" mining exhibition building of pine construction, with theatre to seat 250 and dining room.  
Owner—Shasta Cascade Wonderland Association.

#### Architect—Not Given.

Cost of project will be borne by the mine counties through direct taxation.

#### BIDS WANTED

**SAN FRANCISCO.**—Until May 24, from 9:30 a. m. until 10:30 a. m., the city-owned buildings located at 4230 19th St., 211 and 221 Day St., 618 and 620 Brunswick St., will be sold at auction on the premises by Acting Director of Property, E. J. Riordan.

#### BIDS OPENED

**SAN FRANCISCO.**—D. E. Manning 118 Virginia Ave., San Francisco, at \$700 submitted low bid to the Signal Office, Ninth Corps Area, Presidio of San Francisco, under CP No. 1084-SC-37, for dismantling four poles 50 to 90 feet long and erecting three antenna poles.

#### The other bids were:

Underground Const. Co., Berkeley ..... \$122  
Kiss Crane Co., San Francisco 1620

#### Contract Awarded MORTUARY Est. Cost, \$100,000 SAN FRANCISCO. Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five summer rooms, four operating rooms) wood floors and partitions, oil burning hot air conditioning system, composition roof, tile wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.

#### Owner—Withheld

Architect—Hyman and Appleton, 68 Post Street  
Contractor—Jacks & Irvine, 620 Market Street

#### 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**YAKIMA PROJECT** Wash.—Carnegie-Illinois Steel Corp., at \$77,092, awarded contract by the Bureau of Reclamation, Denver, for furnishing 3,186,258 lbs. of reinforcing steel for reinforcing concrete walls in canals and tunnels of Reza Division, Yak-

ima Project.

C. E. Croweover, Project Engineer.

#### BIDS OPENED

**LONG BEACH, Cal.**—Atlas Scrapper & Engr. Co., 6203 Maywood Ave., Bell, submitted low bid to Port Mgr. D. A. Marshall, Long Beach, at \$78,395 for 700 tons of structural steel for transit shed, Pier A, Outer Harbor. Other bids (in round figures), were: Bethlehem Steel Co., \$87,000; Minneapolis - Moline Imp. Co., \$88,000; Consolidated Steel Corp., \$89,000; Ingalls Iron Works, Birmingham, Ala., \$97,000.

#### BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-269, for furnishing two steel sectional shelters for anti-aircraft director: Job Fort Funston: California Steel Products Co., San Francisco: \$274; delivery 15 days; **bet.**

Schrader Iron Works, San Francisco: \$296; 15 days; net.  
Fair Mfg. Co., San Francisco: \$300; no delivery stated, 2% 10 days; 1% 20 days.  
Western Pipe & Steel Co., San Francisco: \$320; 15 days; net.  
Star Ornamental Iron Works, San Francisco: \$364; 15 days; ½% 10 days.

Bethlehem Steel Co., San Francisco: \$390; 20 days; net.  
Mutual Engr. Co., South San Francisco: \$440; 10 days; net.  
West Coast Wire & Iron Works, San Francisco: \$1185; no delivery stated; 1% 10 days.

#### CONTRACT AWARDED

**BOISE PROJECT,** Idaho—Oregon Portland Cement Co., Portland, Ore., at \$53,125 awarded contract by the Bureau of Reclamation, Denver, for furnishing 35,000 bbls. of cement for use in construction of the Payette Division, Boise Project.

#### BIDS OPENED

**LOS ANGELES.**—Bids for 13,945 ft. 750,000 C. M. and 1164 ft. No. 2 11,000-volt, 3-conductor, paper-insulated, lead-covered cable, Spec. 212, opened by Metropolitan Water District.

General Electric Co., L. A.  
General Electric Co., Los Angeles:

- (1) \$3,058 ft., \$42,643.81; allowance for test samples, \$116.10,
- (2) 7676 ft., \$96,728.
- (3) \$4.50 per eye, \$153, credit for eyes, 50c each,
- (4) \$4.50 per eye, \$9, credit for eye, 50c, \$1.00,
- (5) 1200 ft., \$94, 121% (b) \$32.00, \$64;  
Discount ½ of 1% (1), (2), (3) and (4) 10 days; Items 1, 2, 3 and 4 only to subject to Cal. use tax.

Anaconda Wire & Cable Co., Columbia Steel Co., submitted bid identical in prices but under Item (5) made charge and credit of \$54 for reels.

#### CONTRACT AWARDED

**LOS ANGELES.**—Western Pipe & Steel Company awarded contract by Metropolitan Water District at \$21,465.15 for steel structure for transformer cranes. Spec. No. 207.

#### CONTRACT AWARDED

**OAKLAND, Alameda County.**—Albert Corp., 602 of 7th Avenue, Oakland, at \$5,850 awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Informal Proposal No. 467, for furnishing 2600 tons of

gravel.

#### CONTRACT AWARDED

**OAKLAND, Alameda County.**—Pacific Portland Cement Co., 111 Sutter Street, San Francisco, at \$12,860 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, Oakland, under Informal Proposal No. 866, for furnishing 5,300 bbls. portland cement concrete.

#### CONTRACT AWARDED

**OAKLAND, Alameda County.**—Nephtum Meter Co., 329 Market Street, San Francisco, at \$25,015.40 awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, under Spec. No. LS 195, for furnishing 3,325 water meters, size ½ to 1½ inch.

#### CONTRACT AWARDED

**SAN FRANCISCO.**—Mueller Co., 1072 Howard Street, San Francisco, at \$3,678, plus sales tax, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1737, for furnishing two 36-in. and two 42-in. diameter manually operated gate valves.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Bids for lead covered cable, Spec. 2270, opened by Los Angeles Water & Power Purchasing Agency were identical at (1) \$128 per ft.; (2) \$78; (3) \$98.30; (4) \$168; (5) \$314.45. Reels: (1) to (3) \$12; (4) \$7; (5) \$18. The bidders were: Hazard Insulated Wire Works, ½ of 1%; 10 days, delivered 50 75 days; S. S. Fisher Prod., Inc., 2% 10th prox. delivered in 60 days; Anaconda Wire & Cable Co., ½ of 1% 10 days; item (5) 2% 10th prox., delivered 45 days; John A. Roebblings Sons Co., ½ of 1%, 10 days; item (5) 2% 10th prox., delivered 40 days; General Electric Co., same discount, delivered 90 days; Columbia Steel Co., same discount, delivered 55 days; General Cable Corp., same discount, delivered in 50 days.

#### BIDS OPENED

**LONG BEACH, Cal.**—Atlas Scrapper & Engr. Co., 6203 Maywood Ave., Bell, submitted low bid to Port Manager D. Marshall, Long Beach, at \$78,375, for 700 tons of structural steel for transit shed, Pier A, Outer Harbor. Other bids were: Bethlehem Steel Co., \$87,120; Minneapolis - Moline Implement Co., \$88,526; Consolidated Steel Corp., \$89,560; Ingalls Iron Works, Birmingham, Ala., \$97,747.

#### CONTRACT AWARDED

**OAKLAND, Alameda County.**—Truscon Steel Co., Carroll and Newhall Streets, San Francisco, at \$9,046.30 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing reinforcing steel for use on WPA projects.

#### CONTRACT AWARDED

**LOS ANGELES, Cal.**—Consolidated Steel Corp., Ltd., awarded contract by Metropolitan Water District charging Agency at \$792 for 600 feet of steel track support for vendor's plans for delivery west portal San Jacinto Tunnel, Bid No. 81733. Other bids were: Pacific Iron & Steel Co., Ltd., \$776; Pennsylvania Iron and Steel Co., \$8881.37.

#### BIDS OPENED

**LOS ANGELES, Cal.**—Bids for oil circuit breakers, Spec. 2263, received by Los Angeles Water & Power Purchasing Agency were: Kelman Electric & Mfg. Co.: (a) \$17,611; (b) \$17,611; handle, no chge.; spare parts, \$555; oil needed, 30,000 gals.; allowance for omission of oil

18 1/4 gal.; omission of radiographs, \$24; omission of stress rel., \$270; omission of impulse test, \$250; net.  
 General Electric Co.: (4) \$23,540 (1) \$23,960; handle, \$110, \$110; spare parts, \$430 and \$440; oil 18,000 gals.; allowance oil, 17c. gallon. Omissions: \$900 radiographs and stress rel.; impulse test, \$500. Drums, \$15; net.

**BIDS OPENED**

LOS ANGELES, Cal.—Bids for 4 cast brass throat linings for Venturi tubes, Spec. 210, opened by Metropolitan Water District, were:

Consolidated Steel Corp., Ltd., Los Angeles: (1) \$2312; (2) \$1864; (3) \$1159 each, \$2318; total \$6494. Shipping weights (1) 2642 lbs.; (2) 2131 lbs., (3) 1458 lbs. each; delivery fob plant, Los Angeles. No use tax; no discount.

M. Greenberg's Sons, San Francisco: (1) \$2957; (2) \$2420; (3) \$1,572 each, \$3144; total \$8521. No use tax. Weights: (1) 5000 lbs.; (2) 4,000 lbs., (3) 2500 lbs. each; fob Oakland. Discount 2% 30 days.

International Filter Co., Chicago: (1) \$2850; (2) \$2160; (3) \$1330 each, \$2660; use tax \$230.10; total \$7900.10. Weights: (1) 2300 lbs., (2) 1900 lbs.,

(3) 1400 lbs. each. Delivery fob Chicago. Discount 1% 10 days.

Commercial Iron Works, Los Angeles. Elec. Co., Simplex Wire & Cable Co., John A. Roehlings Sons Co., Anaconda Wire & Cable Co., General Electric Supply Corp., General Cable Corp., U. S. Rubber Products Co., California Electric Supply Co., General Electric Co., and Westinghouse Supply Co.

All bidders quoted \$12 per reel except Maydwell & Hartzell, who bid \$10 per reel; and all bidders offered a discount of 1/2% 10 days except John A. Roehlings Sons, who bid net.

**BIDS OPENED**

SAN FRANCISCO.—Plombo Bros. & Co., 1571 Turk St., at \$0.70 per cu. yd. inc. delivery, tax, and all charges, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1795, for furnishing approximately 5,000 cu. yd. of loam for Golden Gate Park.

The other bids were:  
 T. O'Brien ..... \$0.78  
 Devincenzi Bros. & Co. .... 0.79  
 Devincenzi & Haskins..... 0.90

J. P. Holland, Inc. .... 14.2  
 All bids net.

**BIDS OPENED**

SHOSHONE PROJECT, Wyo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. gels: (1) \$1894.70; (2) \$1601; (3) \$1029.75 each, \$2059.50; total \$5355.20. Weights: (1) 3720 lbs.; (2) 3070 lbs., (3) 2090 lbs. each; fob Los Angeles. No use tax; no discount.

**BIDS OPENED**

SAN FRANCISCO.—Grey Electric Supply Co., 154 8th St., at \$122 per M., submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1796, for furnishing 27,000 ft. single conductor No. 8 AWG rubber and lead-covered solid copper wire, insulated for 5000 volts.

Complete bids follow:  
 Grey Electric Supply Co.—\$122.  
 Identical bids at \$123 per M submitted by: Crescent Elec. Co., Maydwell & Hartzell, Lavinson & Savasta, and Allied Industries.  
 Identical bids at \$129 per M submitted by: Electric Corp., Graybar



## Bethlehem Pipe

Butt Welded, Lap Welded, Black, and Galvanized.

Free from scale inside and out.

*Stocked by Jobbers.*

**BETHEHEM STEEL COMPANY**  
on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

SAN FRANCISCO  
20th and Illinois Sts.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Drainage, Harbor Works, Excessa	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Equipment
24—San. Light Systems	33—Water Works
25—Machinery and	34—Parks & Play grounds
26—Fire Alarm Sys.	35—Tunnels
27—Fire Equipment	
28—Electric & High ways	

## 21— BRIDGES

## CONTRACT AWARDED

TEHAMA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at \$25,194 awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a plate girder bridge with concrete deck across the Sacramento River at Red Bluff, consisting of two 143-ft. spans, one 126-ft. span, two 108-ft. spans, and two 96-ft. spans, on concrete piers and abutments with steel pile foundations.

## BIDS WANTED

PLUMAS COUNTY, Calif.—Until June 2, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge across Spanish Creek, one-half mile north of Quincy, Plumas County, consisting of two 30-ft. and six 40-ft. spans.

The work involves:

- (1) 1 only existing bridge to be removed;
- (2) 60 cu. struc. excav.;
- (3) 510 cu. Class A Portland cement concrete.
- (4) 135,000 lbs. bar reinf. steel;
- (5) 592 lf. timber railing;
- (6) 2,817 lf. furnish reinf. concrete piles, including test piles;
- (7) 54 each driving do.;
- (8) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

## LOW BIDDER

MONTE CO., Calif.—Robert D. Patterson, 1911 San Andres St., Santa Barbara, at \$5,578, submitted low bid to the State Division of Highways, S. W. Lowden, District Engineer, Bishop, for the construction of a timber and concrete bridge at East Walker River, 6.5 miles north of Bridgeport, and grading approaches. Young & Son Co., Ltd., Berkeley, at \$7,839.50, submitted second low bid, and Parish Bros., Hollywood, at \$7,957.50, submitted third low bid.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

YOLO AND SACRAMENTO COS., Calif.—Until May 28, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. I. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for setting back,

raising and strengthening the existing levee, and constructing new levee as follows:

## SECTION I

- (a) Along the west levee of the Yolo By-Pass northerly from Fremont Weir approximately 2.3 miles to the north levee of Knights Landing Ridge Cut; (304,500 cu. y.);
- (b) Along the north and south levees of Knights Landing Ridge Cut for approximately  $\frac{1}{2}$  mile north-westerly from the west levee of the Yolo By-Pass and approximately 2,200 ft. of spur levee; (152,300 cu. y.);
- (c) Along the west levee of Yolo By-Pass from the south levee of Knights Landing Ridge Cut approximately 2.7 miles to the Sacramento Northern R.R.; (480,500 cu. y.).

## SECTION II

- (a) Along the northerly and easterly training levee of the Cache Creek Settling Basin from the west levee of the Yolo By-Pass in a general westerly and northerly direction for approximately 3 miles to the north levee of Cache Creek; (212,800 cu. y.);
- (b) Along the south levee of Cache Creek from a point about 15 miles east of the Southern Pacific Railroad for approximately 1.2 miles, then southerly and westerly along the West Training Levee of the Cache Creek Settling Basin for approximately 1.8 miles; (113,900 cu. y.).

Bids will be taken as follows:

## SECTION I

- (1) 937,300 cu. y. levee embankment, in place;
- (2) 70 cu. y. road gravel, in place;
- (3) 45 cu. class A concrete, in place;
- (4) 2,650 lbs. reinforcing steel, in place;
- (5) 52 ft. corrugated iron pipe, 18-in. diam. No. 12 gauge, with necessary 18-in. diam. band couplers, in place;
- (6) 718 feet corrugated iron pipe, 24-in. diam. No. 12 gauge, with necessary 24-in. diam. band couplers, in place;
- (7) 120 ft. corrugated iron pipe, 36-in. diam. No. 10 gauge, with necessary 36-in. diam. band couplers, in place;
- (8) 700 ft. corrugated iron pipe, 42-in. diam. No. 10 gauge, with necessary 42-in. diam. band couplers, in place;
- (9) 8 ea. corrugated iron cut-off sheets, 49½-in. x 50-in., No. 12 gauge, to fit 24-in. diam. corrugated iron pipe, in place;
- (10) 2 ea. corrugated iron cut-off sheets, 60½-in. x 60-in., No. 12 gauge, to fit 36-in. diam. corrugated iron pipe, in place;
- (11) 14 ea. corrugated iron cut-off

sheets, 73½-in. x 70-in., No. 12 gauge, to fit 42-in. diam. corrugated iron pipe, in place;

- (12) 1 ea. Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, in place;
- (13) 1 ea. Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 18-ft. gate frame, or equal, in place;
- (14) 1 ea. Calco No. 1001 automatic drainage and slide head gate, 36-in. diam., with 20-ft. gate frame, or equal, in place;
- (15) 3 ea. Calco No. 1001 automatic drainage and slide head gate, 42-in. diam., with 20-ft. gate frame, or equal, in place;
- (16) 4 ea. Calco No. 1001 automatic drainage and slide head gate, 42-in. diam., with 6-ft. gate frame, or equal, in place;
- (17) 2 ea. Calco No. 1001 automatic drainage gate, 24-in. diam., or equal, in place;
- (18) 260 t.b.m. lumber, Douglas Fir, select common S2E, 2-in. x 6-in., in place, as flash boards in spill boxes.

## SECTION II

- (1) 326,700 cu. y. levee embankment, in place;
  - (2) 112 cu. y. road gravel, in place;
  - (3) 45 cu. class A concrete, in place;
  - (4) 345 lbs. reinforcing steel, in place;
  - (5) 1,140 ft. corrugated iron pipe, 24-in. diam. No. 12 gauge, with necessary 24-in. diam. band couplers, in place;
  - (6) 174 ft. corrugated iron pipe, 36-in. diam. No. 10 gauge, with necessary 36-in. diam. band couplers, in place;
  - (7) 260 ft. corrugated iron pipe, 48-in. diam. No. 10 gauge, with necessary 48-in. diam. band couplers, in place;
  - (8) 6 ea. corrugated iron cut-off sheets, 49½-in. x 50-in., No. 12 gauge, to fit 24-in. diam. corrugated iron pipe, in place;
  - (9) 4 ea. corrugated iron cut-off sheets, 60½-in. x 60-in., No. 12 gauge, to fit 36-in. diam. corrugated iron pipe, in place;
  - (10) 4 ea. corrugated iron cut-off sheets, 73½-in. x 70-in., No. 12 gauge, to fit 42-in. diam. corrugated iron pipe, in place;
  - (11) 1 ea. Calco No. 1001 automatic drainage and slide head gate, 36-in. diam., with 16-ft. gate frame, or equal, in place;
  - (12) 1 ea. Calco No. 101 slide head gate, 24-in. diam., with 6-ft. gate frame, or equal, in place;
  - (13) 1 ea. Calco No. 101 slide head gate, 48-in. diam., with 8-ft. gate frame, or equal, in place;
  - (14) 2 ea. Calco No. 100 automatic drainage gate, 24-in. diam., or equal, in place;
  - (15) 1 ea. Calco No. 100 automatic drainage gate, 36-in. diam., or equal, in place.
- SECTIONS I and II. COMBINED
- (1) 1,264,000 cu. y. levee embankment, in place;
  - (2) 120 cu. y. road gravel, in place;
  - (3) 51 cu. class A concrete, in place;
  - (4) 2,995 lbs. reinforcing steel, in place;
  - (5) 52 ft. corrugated iron pipe, 18-in. diam. No. 12 gauge, with necessary 18-in. diam. band couplers, in place;
  - (6) 1,558 ft. corrugated iron pipe, 24-in. diam. No. 12 gauge, with necessary 24-in. diam. band couplers, in place;
  - (7) 934 ft. corrugated iron pipe, 36-in. diam. No. 10 gauge, with necessary 36-in. diam. band cou-

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

- (8) 700 ft. corrugated iron pipe, 42-in. diam., No. 10 gauge, with necessary 42-in. diam. band couplers, in place;
- (9) 290 ft. corrugated iron pipe, 48-in. diam., No. 10 gauge, with necessary 48-in. diam. band couplers, in place;
- (10) 14 ea., corrugated iron cut-off sheets, 49½-in. x 50-in., No. 12 gauge, to fit 24-in. diam. corrugated iron pipe, in place;
- (11) 6 ea., corrugated iron cut-off sheets, 60½-in. x 60-in., No. 12 gauge, to fit 36-in. diam. corrugated iron pipe, in place;
- (12) 14 ea., corrugated iron cut-off sheets, 73½-in. x 70-in., No. 12 gauge, to fit 42-in. diam. corrugated iron pipe, in place;
- (13) 4 ea., corrugated iron cut-off sheets, 73½-in. x 70-in., No. 12 gauge, to fit 48-in. diam. corrugated iron pipe, in place;
- (14) 1 ea., Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, in place;
- (15) 1 ea., Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 18-foot gate frame, or equal, in place;
- (16) 1 ea., Calco No. 1001 automatic drainage and slide head gate, 36-in. diam., with 20-foot gate frame, or equal, in place;
- (17) 1 ea., Calco No. 1001 automatic drainage and slide head gate, 36-in. diam., with 16-foot gate frame, or equal, in place;
- (18) 3 ea., Calco No. 1001 automatic drainage and slide head gate, 42-in. diam., with 20-foot gate frame, or equal, in place;
- (19) 4 ea., Calco No. 1001 automatic drainage and slide head gate, 42-in. diam., with 6-foot gate frame, or equal, in place;
- (20) 1 ea., Calco No. 101 slide head gate, 24-in. diam., with 6-foot gate frame, or equal, in place;
- (21) 1 ea., Calco No. 101 slide head gate, 48-in. diam., with 8-foot gate frame, or equal, in place;
- (22) 4 ea., Calco No. 100 automatic drainage gate, 24-in. diam., or equal, in place;
- (23) 1 ea., Calco No. 100 automatic drainage gate, 36-in. diam., or equal, in place;
- (24) 260 ft.b.m. lumber, Douglas Fir, select common, S2E, 2-in. x 6-in., in place as flash boards in spill boxes.

Plans and specifications obtainable from the above office.

**25—MACHINERY AND EQUIPMENT**

- BIDS WANTED**  
**ALL-AMERICAN CANAL SYSTEM.**—Until June 7, 10 a. m., bids will be received by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Federal Bldg., Yuma, under Spec. No. 728, for the construction of structures, All-American Canal, Station 3825 plus 80 to Station 4242 plus 85, the All-American Canal System, Boulder Canyon Project.
- The work is located near Calexico and the principal items of work involved are:
- (1) 14,500 c.y. excav. for struc.;
  - (2) 39,700 c.y. of excav. of temporary excav. sections of All-American canal and excav. and refill of detour channel for West Side Main Canal.
  - (3) 9,360 c.y. of backfill about structures;
  - (4) 1,740 cu. y. of concrete in structures;
  - (5) 950 sq. yds. of dry-rock paving;
  - (6) Placing 163,520 lbs. of reinforcement bars;
  - (7) Installing 70 lf. of rubber water seals;

- (8) Installing 80 sq. ft. of elastic joint-filler material;
- (9) Laying 340 lf. of 18-in. to 30-in. dia. concrete pipe;
- (10) Erecting 62 M. ft.b.m. of timber in structures;
- (11) Erecting 260 lf. of No. 152 metal flume;
- (12) Installing 14,300 lbs. of 22-in. and 30-in. diam. steel pipe;
- (13) Installing 99,850 lbs. of gates and other metalwork;
- (14) Installing 850 lf. of electrical metal conduit; and
- (15) Installing 475 lbs. of electrical conductors.

Work shall be commenced within 30 calendar days and completed within 350 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of the Bureau of Reclamation at Yuma, Arizona, Denver, Colorado, or Washington, D. C., without charge to prospective bona fide bidders; to others, \$2.50, non returnable.

**AWARD RECOMMENDED**

SANTA CRUZ CO., Calif.—T. M. Morgan Paving Co., Box 167, Sacramento, at \$19,666.23, submitted low bid and recommended for award of contract by the Santa Cruz County Board of Supervisors, E. E. Miller, County Clerk, Court House, Santa Cruz, for improvement work in Drainage District No. 3, near Watsonville.

The work involves:

- (1) 100 c.y. embankment from side borrow, in place;
- (2) 90 c.y. struc. excav., unclass.;
- (3) 500 lf. furnishing redwood piles, including test piles;
- (4) 21 piles, including test piles, driven in place;
- (5) 1,000 ft.b.m. all heart structural redwood sheet piling in place;
- (6) 600 ft.b.m. all-heart structural redwood in drainage control structure, in place;
- (7) 1 lot corrugated metal pump drainage gates and "Armo" corrugated metal pipe assemblies, in place;
- (8) 40 c.y. structure concrete Class A, in place;
- (9) 2,950 lbs. reinforcing bar steel, intermediate grade, in place;
- (10) 7 units 42-in. diam. "Calco" corrugated metal pipe assemblies, in place;
- (11) 1 lot pumping equipment, complete in place;
- (12) 6,447 lf. new drainage channel;
- (13) 2,000 lf. clean and improve existing drainage channels, Sec. A-1;
- (14) 2,054 lf. clean and improve existing drainage channels, Sec. A-2;
- (15) 2,015 lf. clean and improve existing drainage channels, Sec. A-3;
- (16) 2,425 lf. clean and improve existing drainage channels, Sec. A-4;
- (17) 3,660 lf. clean and improve existing drainage channels, Sec. A-5;
- (18) 2,050 lf. clean and improve existing drainage channels, Sec. A-6;
- (19) 2,470 lf. clean and improve existing drainage channels, Sec. A-7;
- (20) 1,907 lf. clean and improve existing drainage channels, Sec. A-8;
- (21) 2,425 lf. do., Sec. B-1;
- (22) 3,250 lf. do., Sec. B-2;
- (23) 3,450 lf. do., Sec. D-1;
- (24) 4,740 lf. do., Sec. D-2;
- (25) 3,450 lf. do., Sec. E-1;
- (26) 2,500 lf. new drainage channel, Sec. E-2;
- (27) 3,390 lf. clean and improve existing drainage ditch, Sec. F-1;
- (28) 2,600 lf. clean and improve existing drainage ditch, Sec. F-2;
- (29) 2,200 lf. do., Sec. F-3;

- (30) 5,400 lf. do., Sec. F-4;
- (31) 3,700 lf. do., Sec. F-5;
- (32) 1,250 lf. do., Sec. G-1;
- (33) 2,700 lf. do., Sec. G-2;
- (34) 2,400 lf. do., Sec. H-1;
- (35) 2,700 lf. new drainage channel, Sec. H-2;
- (36) 2 MFEM all-heart structural redwood in farm bridges, in place;
- (37) 4 MFEM No. 1 common fir in farm bridges, in place;
- (38) 3 MFEM select common fir in farm bridges, in place.

Total bids follow:

(A) T. M. Morgan Paving Co., Sacramento	\$19,666.23
(B) L. C. Karstedt, Watsonville	22,580.00
(C) Jacob P. Immel, Ventura	23,335.35
(D) Earl W. Heple, San Jose	25,463.10
(E) Roberts Island Dredging & Imp. Co., Antioch	26,420.50
(F) Granite Constr. Co., Watsonville	42,998.00
Lloyd Bowman, County Surveyor.	23

**BIDS OPENED**

YAKIMA PROJECT, Wash.—H. J. Adler Constr. Co., P.O. Box 166, Caldwell, Idaho, at \$175,137, submitted low bid to the Bureau of Reclamation, Yakima, Chas. E. Crowner, Construction Engineer, under Spec. No. 729, for the construction of earthwork, bench flume, canal lining and structures, Sta. 721 plus 25 to Sta. 804 plus 74.35 and Station 942 plus 00 to Station 1120 plus 00, Yakima Judge Canal, Roza Division, Yakima Project.

The work is located near Yakima, and the principal items of work involved are:

- (1) 453,000 c.y. of excav. for canal;
  - (2) 56,500 cu. y. of excav. for core banks;
  - (3) 158,000 sta. cu. of overhaul;
  - (4) 8,400 cu. y. of excav. for structures;
  - (5) 1,100 cu. y. of excav. for drainage channels and dikes;
  - (6) 17,500 cu. y. of compacting embankments;
  - (7) 100 sq. yds. of preparing rock foundations for concrete lining and concrete bench flume;
  - (8) 45,200 sq. yds. of trimming earth foundations for concrete lining and concrete bench flume;
  - (9) 1,085 cu. y. of gravel blanket on inside slope of canal embankment;
  - (10) 4,000 c.y. of backfill;
  - (11) 590 cu. y. of concrete in structures;
  - (12) 1,065 cu. y. of concrete in bench flume;
  - (13) 5,150 cu. y. of concrete in canal lining;
  - (14) 200 sq. yds. of drydock paving;
  - (15) Placing 600,700 lbs. of reinforcement bars;
  - (16) Erecting 18,400 lbs. of structural steel in bridge;
  - (17) Erecting 9 MFEM of timber in bridge;
  - (18) Placing 76 sq. yds. of bituminous wearing surface on bridge floor;
  - (19) Laying 420 lf. of 12-in. diameter concrete pipe in bench flume;
  - (20) Constructing 11,400 lf. of 6-in. diameter sewer pipe drains;
  - (21) Installing 1,350 lbs. of gates.
- The work shall be commenced within 30 calendar days and completed within 350 calendar days from the date of receipt of notice to proceed.
- Complete total bids follow:
- |                                          |           |
|------------------------------------------|-----------|
| H. J. Adler Constr. Co., Caldwell, Idaho | \$175,137 |
| J. A. Terteling & Sons, Boise            | 178,727   |
| Northwest Constr. Co., Inc., Seattle     | 180,047   |
| Morrison-Knudsen Co., Inc., Boise        | 185,785   |

Geo. B. Henly Constr. Co., Ontario .....	188,903
C. L. Creelman, Seattle .....	191,777
Ellott & Co., Inc., Seattle .....	199,868
P. L. Crooks & Co., Inc., Portland .....	217,849
N. Florito, Inc., Seattle .....	219,446
L. Romano Engrg. Corp., Seattle .....	241,500
Maeri & Co., Seattle .....	246,083

## 26—RAILROADS

### BIDS OPENED

**BOULDER CITY, Nev.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 730, for furnishing equipment for installation in Boulder Power Plant, as follows:

- (1) 230 Kv oil circuit breaker;
  - (2) 230 Kv disconnecting switches;
  - (3) 230 Kv disconnecting switches.
- Complete bids follow:  
General Electric Co., Schenectady, N. Y.: (1) \$156,485; (2) \$52,480; (3) \$44,664.

Westinghouse Electric & Mfg. Co., Denver: (1) \$162,495; (2) \$26,569.45; (3) \$44,716.

Pacific Electric Mfg. Corp. S. F.: (1) no bid; (2) \$52,469.65; (3) \$44,642.75.

Bowie Switch Co., San Francisco: (1) no bid; (2) \$52,469.65; (3) \$44,642.75.

Railway & Industrial Engr. Co., Greensburg, Pa.: (1) no bid; (2) \$52,469.65; (3) \$44,642.75.

Delta Star Electric Co., Chicago: (1) no bid; (2) \$53,898.40; (3) \$46,206. All bids fob Boulder City, delivery in 200 days, terms net.

### CONTRACT AWARDED

**LOS ANGELES**—Pacific Iron and Steel Co. awarded contract by Metropolitan Water District at \$14,668 l.o.b. factory (\$15,609.44 delivered) for 2 traveling form struc. Bid No. 81788. Bids opened April 26.

### CONTRACT AWARDED

**LOS ANGELES**—General Electric Co. awarded contract by Metropolitan Water District at \$10,330 for transformers. Bid No. 82336.

### CONTRACT AWARDED

**LOS ANGELES**—Consolidated Steel Corporation awarded contract by Metropolitan Water District at \$12,506 for 50 steel transfer cars for moving heavy power transformers. Spec. No. 204. Bids opened April 30.

### BIDS OPENED

**SAN FRANCISCO**—Following bids received by the U. S. Engineer Office, Lieut. Col. J. A. Dyer, District Engineer, Custom House, San Francisco, under Bid No. 868-37-265, for removing a 4-in. Gould centrifugal pump from a frame on which the gasoline engine and pump are now mounted, and furnishing and installing a new pump capable of delivering 50 gals. of water per min. against a total head (including suction head) of 150 feet, to be used at Fort Funston.

Woodin & Little: \$108, 10 days; discount, 2% 30 days.

Fairbanks-Morse & Co.: \$112.08; 3 days net.

Westco Pump Sales Co.: \$116; 2 days; discount, 2% 10 days, 1% 20 days.

## 26—RAILROADS

May 12, 1937  
Bids Wanted—To Close June 16, 2 P. M.

**TERMINAL SAN FRANCISCO** First and Mission Streets.  
San Francisco-Oakland Bay Bridge Railway Terminal (3-story rein-

forced concrete building; granite facing on headhouse; steel roof framing over track level on top floor; reinforced concrete floors; composition roofing over concrete; 165 ft. wide by 700 ft. long).

Bids will be taken for construction of the building under two alternate plans. Plan One includes extensive garages in the west end of the building, and Plan Two is for construction of the building omitting the garages. In the list of bids below, all items with the suffix "A" refer to the quantity of work involved if the garages are omitted under Plan Two.

Bids will be received under the following proposals:

**PROPOSAL A**—Contract R-2A, general construction only; bidding items 1 to 65.

**PROPOSAL B**—Contr. R-2B, Structural steel work only; bidding items 66 to 68.

**PROPOSAL C**—Contract R-2C, mechanical work only; bidding items 69 to 76.

**PROPOSAL D**—Contract R-2D, electrical work only; bidding items 77 to 84.

**PROPOSAL E**—Contracts R-2A and R-2B, general construction and structural steel work; bidding items 1 to 65.

**PROPOSAL F**—Contracts R-2A, R-2B, R-2C and R-2D, general construction, structural steel work, mechanical work, and electrical work; bidding items 1 to 84.

Owner—State of California, Department of Public Works (San Francisco-Oakland Bay Bridge Commission, C. H. Purcell, Engineer, Room 811, 500 Sansome St., San Francisco).

The work involves:

### CONTRACT R-2A, GENERAL CONSTRUCTION

- (1) Demolition and removal of buildings, lump sum;
- (2) 5,500 c.y. removal of conc.;
- (2x) 5,000 c.y. removal of conc.;
- (3) 28,000 c.y. excav.;
- (3x) 21,000 c.y. excav.;
- (4) 20,000 c.y. fill;
- (4) 23,000 c.y. fill;
- (5) 100 exist. piles to be pulled;
- (6) 1,000 cutting off existing piles;
- (7) 150,000 lf. timber piles;
- (7x) 200,000 lf. timber piles;
- (8) 13,000 lf. conc. piles;
- (8x) 45,000 lf. conc. piles;
- (9) 10,000 c.y. conc. foundations;
- (9x) 9,900 c.y. conc. foundations;
- (10) 4,100 c.y. conc. basement slabs;
- (10x) 3,100 c.y. conc. basement slabs;
- (11) 110 c.v. conc. curbs;
- (11x) 120 c.v. conc. curbs;
- (12) 22,000 c.y. conc. above foundations;
- (12x) 20,000 c.y. conc. above foundations;
- (13) 2,000 hbbs. of extra portland cement;
- (13x) 1,800 hbbs. of extra portland cement;
- (14) Feralun stair treads, lump sum;
- (14x) Feralun stair treads, lump sum;
- (15) 5,000,000 lbs. reinf. steel;
- (15x) 4,500,000 lbs. reinf. steel;
- (16) Firebrick, lump sum;
- (17) Hollow tile, lump sum;
- (17x) Hollow tile, lump sum;
- (18) Granite, lump sum;
- (18x) Roofing, lump sum;
- (19) Roofing, lump sum;
- (20) Dampproofing, lump sum;
- (20x) Dampproofing, lump sum;
- (21) Waterproofing membrane and protection, lump sum;
- (21x) Waterproofing membrane and protection, lump sum;
- (22) Vibration insulation, lump sum;
- (23) Sheet Metal, lump sum;
- (23x) Sheet Metal, lump sum;
- (24) Steel flooring, lump sum;
- (24x) Steel flooring, lump sum;
- (25) Misc. iron, lump sum;

- (25x) Misc. iron, lump sum;
- (26) Ornamental metal, lump sum;
- (27) Luminum, lump sum;
- (28) Steel windows, lump sum;
- (28x) Steel windows, lump sum;
- (29) Steel hollow metal, lump sum;
- (30) Rough carpentry, lump sum;
- (30x) Rough carpentry, lump sum;
- (31) Finish carpentry, lump sum;
- (31x) Finish carpentry, lump sum;
- (32) Metal lathing and furring, lump sum;
- (32x) Metal lathing and furring, lump sum;
- (33) Interior plastering, lump sum;
- (33x) Interior plastering, lump sum;
- (34) Acoustical treatment, lump sum;
- (35) Terrazzo, lump sum;
- (36) Kalmfan floor, lump sum;
- (37) Marble, lump sum;
- (38) Glazed and ceramic tile, lump sum;
- (39) Terra cotta unit tile, lump sum;
- (40) Asphalt tile and linoleum, lump sum;
- (41) Glass and glazing, lump sum;
- (41x) Glass and glazing, lump sum;
- (42) 2,000 tons painting steel street crossings;
- (43) 560 tons painting terminal roof steel;
- (43x) 530 tons painting terminal roof steel;
- (44) 280 tons painting catenary bridges;
- (45) 11,500 sq. yds. waterproofing exterior conc. surfaces;
- (45x) 11,000 sq. yds. waterproofing exterior conc. surfaces;
- (46) General painting, lump sum;
- (46x) General painting, lump sum;
- (47) Finish hardware, lump sum;
- (47x) Finish hardware, lump sum;
- (48) 2 each, flagpoles;
- (49) 1,600 lbs. bronze expansion plates;
- (50) Fire extinguishers, lump sum;
- (50x) Fire extinguishers, lump sum;
- (51) General cleaning, lump sum;
- (51x) General cleaning, lump sum;
- (52) 600 lf. redressing granite curb;
- (53) 1,600 lf. resetting granite curb;
- (54) 400 lf. granite curb, straight;
- (55) 110 lf. granite curb, curved;
- (56) 12 each, brick catch basins;
- (57) 1,650 tons asphaltic conc.;
- (57x) 2,250 tons asphaltic conc.;
- (58) 5 tons liq. asphalt, Type SC-2;
- (58x) 10 tons liq. asphalt, Type SC-2;
- (59) 5 tons liq. asphalt, Type MC-3;
- (59x) 10 tons liq. asphalt, Type MC-3;
- (60) 50 tons stone screenings;
- (60x) 100 tons stone screenings;
- (61) 2,000 lbs. street castings;
- (62) 12 each, resetting street castings;
- (63) 400 lf. 10-in. vit. pipe;
- (64) Fencing, lump sum;
- (64x) Fencing, lump sum;
- (65) Elevators, lump sum;
- (65x) Elevators, lump sum;

### CONTRACT R-2B, STRUCTURAL STEEL WORK

- (66) 4,000,000 lbs. struc. steel street crossings;
- (67) 1,120,000 lbs. steel roof framing in terminal;
- (67x) 1,060,000 lbs. steel roof framing in terminal;
- (68) 500,000 lbs. catenary bridges.

### CONTRACT R-2C, MECHANICAL

- (69) Plumbing fixtures and SVC piping, lump sum;
- (69x) Plumbing fixtures and SVC piping, lump sum;
- (70) Roof and track drainage system, lump sum;
- (71) Hose rack and water piping system, lump sum;
- (71x) Hose rack and water piping system, lump sum;
- (72) Radiation and steam piping, lump sum;
- (72x) Radiation and steam piping, lump sum;
- (73) Station ventilation, lump sum;
- (73x) Station ventilation, lump sum;
- (74) Garage ventilation, lump sum;
- (74x) Garage ventilation, lump sum;
- (75) Station ventilation, lump sum;
- (75x) Station ventilation, lump sum;
- (76) General lighting, lump sum;
- (76x) General lighting, lump sum;

- (77x) General lighting, lump sum;
  - (78) Lighting fixtures and standards, lump sum;
  - (79) Fire alarm system, lump sum;
  - (79x) Fire alarm system, lump sum;
  - (80) Clocks, lump sum;
  - (81) Signs, lump sum;
  - (82) Public address system, lump sum;
  - (83) Power wiring, lump sum;
  - (84) Emergency lighting, lump sum.
- Plans and specifications obtainable from the office of the San Francisco-Oakland Bay Bridge Commission, Room 811, 500 Sansome Street, San Francisco, upon deposit of \$50, of which amount \$40 will be returnable.

**28—FIRE EQUIPMENT**

**CONTRACTS AWARDED**

SAN FRANCISCO—Truscon Steel Co., 604 Mission Street, San Francisco, at \$257.38, for steel; and the California Wire Cloth Co., 1245 Howard Street, San Francisco, at \$137.60, for welded fabric, awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1786, for furnishing 6355 lbs. 1/2-in square deformed reinforcing steel, and 48,000 sq ft. 6x8-in. electrical welded fabric. Both awards are plus sales tax.

**29—STREETS AND HIGHWAYS**

**LOW BIDDERS**

GREENLEE COUNTY, Ariz.—Lee Moor Contr. Co., 807 Bassett Tower, El Paso, Texas, at \$46,257.20 submitted the lowest of seven bids received by the Bureau of Public Roads, New Post Office Bldg., Phoenix. C. H. Sweetser, District Engineer, for 2-905 miles grading on Section B (portion) of Route 19, the Clifton-Arizona National Forest Highway, Crook National Forest, Greenlee Co., Ariz.

The three low bids follow:

Lee Moor Contracting Co., El Paso, Texas, \$46,257.20  
 H. J. Hagen, Globe, \$50,888.60  
 O. F. Fisher, Phoenix, \$52,027.30

Complete bids will be published shortly.

**AWARD RECOMMENDED**

SIERRA AND NEVADA COUNTIES—Award of a contract to Claude C. Wood and Frank Marks, P.O. Box 1714, Stockton, at \$73,407.90, for placing base and surface courses on 7.949 miles of Sections B and C of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties, has been recommended by District Engineer C. H. Sweetser, Bureau of Public Roads, San Francisco.

**CONTRACT AWARDED**

LOS ANGELES COUNTY.—Crow Bros. Constr. Co., 5100 Alhambra Ave., Los Angeles, at \$125,962.50, awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 3.226 miles grading on Section D of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County.

**BIDS OPENED**

HUMBOLDT COUNTY, Cal.—Albert Helwig, 115 S. Main St., Sebastopol, at \$12,287.50 submitted low bid to the Humboldt County Board of Supervisors, Eureka, for approximately 6.5 miles of asphalt road-mix surfacing.

Complete bids follow:

Albert Helwig, Sebastopol: (1) Aggregate, \$1.65 per c.y.; (2) Asphalt tack coat, \$121 per ton; (3) Asphalt binder, \$16 per ton; total, \$12,287.50  
 E. E. Smith, Eureka: (1) \$2: (2)

(3) \$23.50; total, \$15,605.78.  
 Frank E. Kelly, county surveyor.

**BIDS WANTED**

LINCOLN and Tillamook Counties, Oregon.—Until May 26, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for about 13,561 miles of bituminous surfacing on the Salmon River Highway, National Forest Road Project, Sluolaw National Forest, Lincoln and Tillamook Counties, Ore.

The principal items of work involved are:

- (1) Lump sum, extra and miscellaneous force account work;
  - (2) 3,560 c.y. unclass. excav.
  - (3) 13,561 miles road reconditioning;
  - (4) 1,000 units, watering;
  - (5) Lump sum, providing and maintaining water plant or plants;
  - (6) 185 tons cutback asphalt, MC-2 grade, for prime coat;
  - (7) 3,500 tons cover aggregate and filler;
  - (8) 1,950 tons asphalt for Class F and for leveling mixture;
  - (9) 185 tons cutback asphalt, MC-2 grade, or seal coat;
  - (10) 2,000 tons Class F, plant mixture;
  - (11) 2,500 tons bituminous leveling mixture;
  - (12) 1,855 lf. floating or non-floating single element 90,000 lb. guard rail (posts 14-ft. centers).
- Plans and specifications obtainable from the above office upon deposit of \$10.00.

**BIDS WANTED**

SAN FRANCISCO.—Until May 26, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Acting Director, Room 251, City Hall, under Spec. No. 19035 for reconstruction of the pavement on Oregonia Street between 10th and 11th Avenues. Estimated cost, \$1200.

The work involves:

- (1) 3350 sq ft. 6-inch Class E 5-sack concrete pavement, center strip;
- (2) 250 sq ft. asphaltic concrete wearing surface;
- (3) 660 sq ft. removing the existing pavement and replacing with asphaltic concrete pavement, consisting of a 6-inch Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;

from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of \$10.00.

Plans and specifications obtainable post of \$10.00.

**CONTRACT AWARDED**

WHITE PINE AND ELKO COS., Nevada.—Dodge Construction, Inc., Fallon, Nevada, and J. C. Compton, McMinville, Oregon, jointly, at \$238,518.30, submitted second low bid.

Third low bid was submitted by Hoops Construction Co., Twin Falls, Idaho, at \$244,937.85.

**BIDS WANTED**

TUOLUMNE CO., Calif.—Until June 1, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for grading and constructing bridge and approaches on Section D of Route 38, the Sonora Pass National Forest Highway, Stanislaus National Forest, Tuolumne County.

The principal items of work involved are:

- (1) 13.5 A clearing;
- (2) 13.5 A grubbing;
- (3) 67,200 c.y. unclass. excav.
- (4) 950 c.y. do. for structures;
- (5) 1,950 c.y. do. for borrow;
- (6) 161,600 sta. yds. overhaul;
- (7) 173 mi. finishing earth graded road;

- (8) 701.5 c.y. concrete;
  - (9) 126,350 lbs. reinforcing steel;
  - (10) 60 c.y. cement rubble masonry;
  - (11) 1,302 lf. C.G.S.M. pipe;
  - (12) 8 spillway inlets, Type A;
  - (13) 5 drop inlets, 18-in.;
  - (14) 1,000 lbs. bronze bearing plates;
  - (15) 20 each, right-of-way monuments;
  - (16) 20 each, culvert markers;
  - (17) 2 guide posts;
  - (18) 226 lf. welded steel pipe.
- Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS WANTED**

HICKAM FIELD, T. H.—Until May 27, 11 a.m., bids will be received by Captain H. E. Nurse, Purchasing and Contracting Officer, Hickam Field, Fort Kamehameha, T. H., under Bid No. W-397-37-22, for the construction of Sections "B" and "C" of the Landing Mat, and the included Triangular Area at Hickam Field, and a road to Fort Kamehameha, T. H.

Plans and specifications obtainable from the above office upon deposit of \$5, in the form of a certified check payable to the Finance Officer, Fort Shafter; and on file at the office of the Constructing Quartermaster, Ft. Mason, San Francisco.

**BIDS OPENED**

LOS ANGELES, Cal.—Griffith Co., 501 Los Angeles Railway Bldg., submitted low bid to the Los Angeles Board of Public Works, City Hall, at \$38,835.43, for improving Santa Barbara Ave. between Figueroa St. and Vermont Ave. a cash contract.

The work involves:

- (1) lump sum, grading (1000 c.y. cut no fill);
- (2) 1278 sq. ft. 8-in. conc., inc. local depressions;
- (3) 77,066 sq. ft. 6-in. concrete base (Class A);
- (4) 2329 tons asphalt concrete wearing surface, inc. resurfacing;
- (5) 1336 tons asphalt concrete base, including resurfacing;
- (6) 377 lf. unplastered heavy curb;
- (7) 298 lf. curb armor;
- (8) 83 sq. ft. 6-in. sidewalk (driveways);
- (9) 2341 sq. ft. 3-in. sidewalk;
- (10) 793 sq. ft. 8-in. conc. gutter;
- (11) 7651 sq. ft. concrete gutter, Section A;
- (12) 1495 sq. ft. do, Section B;
- (13) 19 lf. concrete gutter, Detail A;
- (14) roof drains (3 drains, 24 lf.);
- (15) lump sum, storm drains;
- (16) lump sum, resetting manholes (two).

The total bids were:

Griffith Co. \$38,835.43  
 Raduch & Brown 38,836.63  
 P. J. Akmadzich 39,263.61  
 L. A. Paving Co. 40,660.66  
 Southern Calif. Roads Co. 41,967.53  
 United Concrete Pipe Corp. 42,714.57  
 Engineer's estimate 38,851.51

Bid of C. O. Sparks not declared; no affidavit filed with bid.

**BIDS WANTED**

SAN DIEGO CO., Calif.—Until May 28, 2 p.m., bids will be received by the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, C. H. Sweetser, District Engineer, for placing a road mix surface course on 14,308 miles of Sections C, D and E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

The work involves:

- (1) 300 c.y. unclass. excav.
- (2) 210 c.y. do. for structure;
- (3) 1,000 sta. yds. overhaul;
- (4) 14,308 mi. C-1 road-mix surfacing, laid;
- (5) 1,650 tons cutback asphalt;
- (6) 200 M. gals. watering;
- (7) 7,000 cu. yds. Class C low aggregate, disintegrated granite;
- (8) 7 c.y. concrete;

(9) 216 lbs. reinforcing steel;  
 (10) 200 lf. C.S. metal pipe;  
 (11) 290 lf. perforated C.S.M. pipe underdrain;  
 (12) 65 sq. yds. mortar backfill seal;  
 (13) 1,250 lf. wood guardrail;  
 (14) 300 guide posts.  
 Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS WANTED**

**COCONINO CO., Ariz.**—Until May 21, 2 p.m., bids will be received by Arizona State Highway Commission, Phoenix, for highway construction on Flagstaff-Fredonia Highway, F.A. 95-A, 1st Reop. (1937), A.P.E. 8964. The work, which is to begin at Fredonia and extend northerly about 3.8 miles to the Arizona-Utah state line, consists of grading, draining, aggregate base course, and asphaltic surface treatment, and is to be completed on or before Sept. 30, 1937.

The items are:  
 7,200 c.y. roadway excav.;  
 19,000 c.y. stripping pits;  
 9,000 c.y. ml. stripping matl. haul;  
 12,300 c.y. imported borrow;  
 11,600 c.y. ml. imp. borrow haul;  
 9,900 c.y. sel. matl.;  
 15,600 c.y. ml. sel. matl. haul;  
 16,800 tons aggrev. base course;  
 13,100 ton ml. ABC haul;  
 745 M. gals. sprinkling;  
 300 hrs. rolling;  
 53 c.y. A. coner;  
 3,800 lbs. relinf. steel;  
 334 ft. CMP (3 sizes);  
 400 ft. road guard;  
 200 tons cutback asph. (MC-2);  
 390 tons hotter matl.  
 Certified or cashier's check for 5%  
 T. S. O'Connell, State Highway Engineer

**CONTRACT AWARDED**

**YAVAPAI COUNTY, Ariz.**—W. E. Orr, Prescott, at \$25,892.25 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, San Francisco, for 7,615 miles of surfacing on Sections 1 and J of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai County.

**CONTRACT AWARDED**

**APACHE COUNTY, Ariz.**—Pearson & Dickerson, Box 471, Prescott, at \$68,906.80 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 4.84 miles of grading and placing sub-grade reinforcement with bituminous treatment (light surface application) on Section C of Route 1, Petrified Forest National Monument, Apache County, Ariz.

**BIDS WANTED**

**COCONINO COUNTY, Arizona.**—Until June 1, 10 a. m., bids will be received by the Bureau of Public Roads, 247 New Post Office Building, Phoenix, C. H. Sweetser, District Engineer for 3,644 miles grading and placing a base course on Section E of Route 3, the Flatstaff-Climbs Well National Forest Highway, Coconino County, Ariz.

The principal items of work involved are:

- (1) 18 1/2 a. clearing
- (2) 18 1/2 a. grubbing
- (3) 17,000 cu. yd. graded excavation
- (4) 230 c. y. do. for cut ditches
- (5) 24,500 c. y. do. for backfills
- (6) 413,000 sta. yds. embankment
- (7) 6,100 lf. wood guardrail
- (8) 110,000 tons 2-in. heavy washed rock or gravel base course
- (9) 34 c. y. Class A concrete
- (10) 3,000 lb. reinforcing steel
- (11) 61 c. y. cement pipe
- (12) 888 lf. C. S. metal pipe
- (13) 2,500 lf. barbed wire fence

(14) 18 culvert markers.

Plans and specifications obtainable from the Bureau of Public Roads, 247 New Post Office Building, P. O. Box 70, Phoenix, and Federal Office Building, San Francisco, upon deposit of \$10.

**CONTRACT AWARDED**

**LINCOLN CO., Nevada.**—C. F. Fredericksen & Sons, Lower Lake, at \$37,864.50, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Lincoln County, from Stonehouse Station "A" plus 00 to rony Springs Station "A" \$30 plus 71.80, Route 7, Section D3, a length of approximately 15.73 miles.

J. A. Cason, Hayward, and U. B. Lee, San Leandro, at \$38,910.50, submitted second low bid.

Complete bids will be published shortly.

**CONTRACT AWARDED**

**CORCORAN, Kings Co., Calif.**—Alton B. Carter, Box 131, Avenal, at \$2,177.50, submitted low bid and was awarded contract by the Corcoran City Council, Jas. C. Condon, City Clerk, for the construction of street improvements.

The other bids were:  
 Jourdan Concrete Pipe Co., Fresno ..... \$2,433.40  
 John Jurkovich, Fresno ..... 3,612.50

**CONTRACT AWARDED**

**SANTA ROSA, Sonoma Co., Cal.**—Norman A. Russell, 822 College Ave., Santa Rosa, at \$3,850 awarded contract by the Santa Rosa City Council for the installation of 41 new electroliners in Fourth street.

The contract for furnishing the electroliners was recently awarded the Union Metal Co., 7 Front St., San Francisco, at approximately \$10,000.

**NOTICE TO BIDDERS**

**STATE OF CALIFORNIA.**—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised, bids to be opened in Sacramento on May 26.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue line prints:

11-Pu-21-B-C—Bet. Howells and M. South of Keddie: PLANS (No. of Sheets), none; CROSS-SECTIONS (No. of Sheets), none.

11-Mod-28-B-Alt.—Bet. 14 MI. W. of Hot Creek and Alturas: PLANS (No. of Sheets), 26; cost, \$2,600; CROSS-SECTIONS (No. of Sheets), 26; cost, \$20,500; total, \$23,100.

11-Sis-72-B—Bet. Cougar and Macdoel: PLANS (No. of Sheets), 45; cost, \$4,500; CROSS-SECTIONS (No. of Sheets), 173; cost, \$1,730; total, \$21,500.

11-Teh-83-A—Bet. Route 86 and Morgan Springs: NONE.

11-Kin-10-125-B-E—Bet. Kings River Slough and Halls Roemer: NONE.

11-Tuo-13-E—Bet. Stoddard Sprgs and McCoy Saddle: NONE.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P.O. Box 1490, Sacramento, California.

**BIDS OPENED**

**MARIN COUNTY, Cal.**—Following bids received by the Marin County Board of Supervisors, San Rafael, for construction of a reinforced concrete retaining wall on County Road No. 309, Bolinas, involving:  
 (1) 172 c.y. Class A portland cement concrete in place;  
 (2) 10,500 lbs. reinforcing steel, in place.

John Carcano, 122 Clorinda Ave., San Rafael: (1) \$21; (2) \$0.05.

V. Caggiarra, Sausalito: (1) \$22; (2) \$0.06.

N. R. Nicolsen, Sausalito: (1) \$28.66; (2) \$0.0625.

DeLuca & Son, San Francisco: (1) \$39.25; (2) \$0.069.

Bids held under advisement.  
 Rodney E. Messner, County Surveyor.

**BIDS WANTED**

**ALAMEDA COUNTY, Calif.**—Until June 2, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.2 miles surfacing with plant-mixed surfacing, constructing shoulders of crusher run base and applying oil treatment thereto, in Alameda County, between Warm Springs and Irvington.

The work involves:

(1) 4,775 tons min. aggregate (surfacing);

(2) 20 tons asphaltic emulsion (prime coat);

(3) 225 tons liquid asphalt MC-5 or MC-extra heavy (surf.);

(4) 25 tons liquid asph. MC-3 (seal)

(5) 270 tons screenings (do);

(6) 2,500 tons crusher run base (shoulders);

(7) 40 tons liquid asphalt SC-1A (do)

(8) 10 tons liquid asphalt SC-2 (do)

(9) 120 tons screenings (do).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and available at the office of the District Engineer in San Francisco and Los Angeles.

**CONTRACT AWARDED**

**LINCOLN CO., Nevada.**—C. F. Fredericksen & Sons, Lower Lake, at \$75,985.50, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Lincoln County, from a point near Crystal Springs Station "A" 643 plus 26.99 to a point approximately 14 miles west of Caliente, Station "A" 622 plus 89.58, Route 7, Sections B1 and B2, a length of approximately 9,007 miles.

J. A. Cason, Hayward, and U. B. Lee, San Leandro, at \$77,470.50, submitted second low bid.

**BIDS WANTED**

**MENDOCINO COUNTY, Cal.**—Until June 2, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.1 miles grading and surfacing with plant-mixed surfacing in Mendocino County between Sapp Creek and Pepperwood School.

The work involves:

(1) 31 acres clear and grub;

(2) 2,100 M. gals. water;

(3) 165,000 c. y. rdwy. excav., unclassified;

(4) 25,000 cu. yds. overhaul;

(5) 2,600 c. y. struc. excav.;

(6) 1,400 c. y. ditch and channel excavation;

(7) 31,200 tons imported borrow;

(8) 100 sta. finishing rdwy.;

(9) 82,500 c. y. mineral aggregate (plant-mix surf.);



- (10) 445 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
  - (11) 115 tons liquid asphalt SC-2 (prime coat);
  - (12) 60 tons liquid asphalt 90-95 (seal coat);
  - (13) 720 tons screenings (do);
  - (14) 136 c.y. Class A Portland cement concrete (struc.);
  - (15) 6,500 lbs. bar reinf. steel;
  - (16) 250 lf. 8-in. CMP;
  - (17) 2,200 lf. 18-in. do;
  - (18) 80 lf. 24-in. do;
  - (19) 70 lf. 30-in. do;
  - (20) 88 lf. 36-in. do;
  - (21) 48 lf. 48-in. do;
  - (22) 52 lf. 72-in. do;
  - (23) 54 lf. 96-in. do;
  - (24) 650 lf. 8-in. perf. metal pipe underdrains;
  - (25) 155 lf. 120-in. multiple CMP;
  - (26) 1,500 tons rock filling material;
  - (27) 230 lf. existing pipe culverts, removed, cleaned and salvaged;
  - (28) 5 each frames and covers for drop inlets;
  - (29) 6 each spillway assemblies;
  - (30) 72 each curb markers;
  - (31) 34 each guide posts;
  - (32) 6 miles new property fence;
  - (33) 9 each drive gates;
  - (34) 6 each headwalls removed and disposed of;
  - (35) 150 each monuments, complete, in place.
- Plans and specifications obtainable from the office of State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Eureka.

**BIDS WANTED**

**KERN CO., Calif.**—Until June 2, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile grading, applying road-mix surface treatment, and constructing a timber bridge, in Kern County, east of Monolith.

- The work involves:
- (1) 200 M. gals. water;
  - (2) 3,150 c.y. roadway excav., uncl.;
  - (3) 180 c.y. ditch and channel exc.;
  - (4) 20,000 sta. yds. overhaul;
  - (5) 360 c.y. struc. excav.;
  - (6) 9,300 c.y. imported borrow;
  - (7) 1,700 c.y. import. surf. matl.;
  - (8) 43 sta. finishing roadway;
  - (9) 150 tons liq. asphalt, SC-2;
  - (10) 12,000 sq. yds. preparing, mixing and shaping roadbed;
  - (11) 17 tons liq. asphalt, SC-4 (prime coat);
  - (12) 7,320 lbs. bar reinf. steel;
  - (13) 48 c.y. Class A portland cement concrete (structures);
  - (14) 85 c.y. Class B portland cement concrete (structures);
  - (15) 16 MFEM dense, select, all-heart struc. Redwood timber;
  - (16) 14 MFEM select, all-heart struc. Redwood timber;
  - (17) 16 lf. 18-in. CMP;
  - (18) 80 lf. 24-in. CMP;
  - (19) 2 c.y. exist. conc. removed and disposed of;
  - (20) 4 each. curb markers;
  - (21) 1.6 mi. new property fence;
  - (22) 0.2 mile exist. fences removed and disposed of;
  - (23) 5 each. drive gates;
  - (24) 10 each. monuments.
- Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno.

**BIDS WANTED**

**MONTEREY COUNTY, Cal.**—Until June 2, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment and seal coat to shoulders and Class B seal coat to

portions of existing pavement, on about 2.57 miles in Monterey County, between San Ardo and King City and between Santa Rita and the northerly boundary.

- The work involves:
- (1) 150 tons liquid asphalt 90-95 (Class B seal coat);
  - (2) 1,700 tons screenings (do);
  - (3) 235 tons liquid asphalt SC-3 (shoulders);
  - (4) 147,000 sq. yds. preparing, mixing and shaping shoulders;
  - (5) 80 tons liquid asphalt SC-3 (shoulder seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

**SANTA CRUZ CO.—COLLEGE LAKE CULVERT—(Co.)**

**SANTA CRUZ CO., Calif.**—L. C. Karstedt, P.O. Box 344, Watsonville, at \$421,199, submitted low bid and recommended for award of contract by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of College Lake Culvert, over outlet of College Lake, Pajaro Road District, Santa Cruz Co.

The work involves:  
ALTERNATE A

- (1) 650 c.y. roadway embankment, in place;
- (A) L. C. Karstedt, Watsonville..... \$421,199
- (B) Valley Construction Co., San Jose..... 4,437.50
- (C) Granite Constr. Co., Watsonville..... 4,485.00
- (D) F. O. Bohnett, Campbell..... 4,998.20
- (E) Earl W. Heple, San Jose..... 5,020.90
- (F) C. Berglund, Watsonville..... 5,219.60
- (G) A. Soda & Son, Oakland..... 5,589.90
- (H) Jacob P. Immel, Ventura..... 4,313.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.00	\$ 1.00	\$ 1.00	\$ 0.90	\$ 1.00	\$ 1.00	\$ 1.00	\$ 0.00
(2)	2.00	5.00	2.50	4.00	3.00	8.00	5.50	2.00
(3)	3.20	3.00	4.00	3.10	5.00	4.00	4.50	3.00
(4)	35.67	29.40	38.00	40.00	41.00	38.00	45.00	42.70
(5)	20.00	20.00	20.00	23.00	25.00	27.00	25.00	27.00
(6)	.07	.05	.06	.10	.07	.08	.07	.06
(7)	100.00	500.00	120.00	300.00	200.00	130.00	270.00	100.00

Lloyd Bowman, County Surveyor.

**CONTRACT AWARDED**

**WHITE PINE & ELKO COS., Nevada.**—Dodge Construction, Inc., Fallon, Nevada, and J. C. Compton, McMinnville, Oregon, jointly, at \$238,663.10, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system to White Pine and Elko Counties, from junction of Route 24 to wells, Rte. 13, Sections A, A1, A2, B1, B2, B3—a length of approximately 79.06 miles.

J. A. Casson, Hayward, and U. B. Lee, San Leandro, jointly, at \$239,818.30, submitted second low bid.

Third low bid was submitted by Hoops Construction Co., Twin Falls, Idaho, at \$244,807.85.

**SANTA CRUZ CO.—COLLEGE LAKE CULVERT—(Co.)**

- place;
- (2) 84 c.y. struc. excav., unclass.;
- (3) 22 c.y. gravel or crushed rock, in place;
- (4) 70 lf. 120-in. multi-plate corrugated metal pipe culvert;
- (5) 34 c.y. Class A concrete;
- (6) 1,270 lbs. reinforcing steel;
- (7) Removal of existing structure.

**ALTERNATE B**  
Same as Alternate "A," except omit item (1).  
Complete total bids follow:

	(A)	(B)
(1)	\$421,199	\$3,561.99
(2)	4,437.50	3,787.50
(3)	4,485.00	3,835.00
(4)	4,998.20	4,413.20
(5)	5,020.90	4,370.90
(6)	5,219.60	4,589.60
(7)	5,589.90	4,499.90
(8)	4,313.00	4,313.00

**SANTA CRUZ CO.—GREEN VALLEY CULVERT—(Co.)**

**SANTA CRUZ CO., Calif.**—Granite Construction Co., Bin No. 9, Watsonville, at \$7,997, submitted low bid and recommended for award of contract by the Santa Cruz County Bd. of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of Multi Plate Arch over Green Valley Creek, near Green Valley School, Pajaro Road District.

The work involves:  
ALTERNATE A

- (1) 2,800 c.y. roadway excav., uncl.;
- (2) 210 c.y. struc. excav., uncl.;
- (3) 150 c.y. Class A concrete, in place;
- (A) Granite Constr. Co., Watsonville..... \$7,997.00
- (B) Valley Constr. Co., San Jose..... 8,582.00
- (C) Jacob P. Immel, Ventura..... 8,732.25
- (D) L. C. Karstedt, Watsonville..... 8,947.80
- (E) W. J. Tobin, Oakland..... 9,208.00
- (F) Earl W. Heple, San Jose..... 9,778.00
- (G) C. Berglund, Watsonville..... 10,652.00
- (H) F. O. Bohnett, Campbell..... 11,196.00
- (I) A. Soda & Son, Oakland..... 11,385.85
- (J)..... 9,425.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$ 0.25	\$ 0.25	\$ 0.30	\$ 0.35	\$ 0.30	\$ 0.40	\$ 0.50	\$ 0.50	\$ 0.70
(2)	1.50	3.00	1.00	1.50	1.50	2.00	2.00	2.00	2.15
(3)	17.50	18.00	22.00	19.00	.65	.60	.55	.60	.80
(4)	.06	.05	.06	.06	.30	.25	.35	.35	.35
(5)	.40	.50	.55	.65	.84	.85	.81	.73	.90
(6)	16.00	25.00	20.00	30.00	200.00	600.00	100.00	465.00	517.00
(7)	62.00	50.66	53.35	55.65	Lloyd Bowman, County Surveyor.				
(8)	191.00	500.00	150.00	250.00					

**ALTERNATE B**  
Same as Alternate "A," except omit item (1).  
Total bids follow:

	(A)	(B)
(1)	\$7,997.00	\$7,997.00
(2)	8,582.00	7,672.00
(3)	8,732.25	7,892.25
(4)	8,947.80	7,987.00
(5)	9,208.00	8,368.00
(6)	9,778.00	8,710.00
(7)	10,652.00	8,252.00
(8)	11,196.00	9,765.00
(9)	11,385.85	9,425.00

## LOS ANGELES COUNTY—4 MI. GRADE &amp; PAVE—State

LOS ANGELES COUNTY, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at \$96,909, as previously reported, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 4 miles grading and paving with portland cement concrete and plant mixed surfacing in Los Angeles County on Carson Street, between Lakewood Blvd. and Norwalk Road.

The work involves:

- (1) 212 sta. clear and grub right of way;
- (2) 900 M. gals. water;
- (3) 7,200 c.y. roadway excav., uncl.;
- (4) 880 c.y. struc. excav.;
- (5) 800 c.y. ditch and channel exc.;
- (6) 37,000 c.y. imported borrow;
- (7) 45 tons Grade E asphalt (membrane seal);
- (8) 6,700 tons imported subgrade material;
- (9) 23,500 sq. yds. preparing subgrade;
- (10) 212 sta. finishing roadway;
- (11) 20 tons liq. asphalt, MC-2 (prime coat);
- (12) 8,000 tons mineral aggregate (plant mix surf.);
- (13) 422 tons liq. asphalt ROMC-4 or ROMC-5 (plant mix surf.);
- (14) 50,000 sq. yds. asphaltic paint binder;
- (15) 66 tons liq. asphalt, SC-1A, (penetration oil treatment);
- (16) 4,680 c.y. Class A portland cement concrete (pavement);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$10.00	\$ 2.00	\$10.00	\$ 8.00	\$10.00	\$ 8.00	\$10.00	\$15.00
(2)	2.00	2.25	2.00	1.40	1.40	1.20	2.00	.50
(3)	3.00	3.50	3.00	2.50	2.50	3.00	4.00	5.00
(4)	1.00	1.00	1.00	.80	.85	1.25	1.10	1.25
(5)	.75	1.00	.40	.80	.90	1.25	.70	.60
(6)	.22	.25	.35	.37	.36	.32	.43	.50
(7)	25.00	20.00	26.00	22.00	16.00	24.00	27.00	20.00
(8)	.95	1.20	1.05	1.00	1.04	1.10	1.10	1.15
(9)	.30	.69	.88	.42	.68	.11	.10	.10
(10)	10.00	5.00	3.00	4.00	5.00	5.00	8.00	10.00
(11)	20.00	20.00	20.00	20.00	20.00	20.00	28.30	22.00
(12)	1.85	1.80	2.00	2.10	2.50	2.10	2.15	2.15
(13)	13.00	14.00	15.00	14.00	15.00	15.00	12.00	15.00
(14)	.935	.92	.015	.02	.0125	.03	.02	.02
(15)	13.00	14.00	15.00	10.00	13.50	24.00	12.00	9.00
(16)	6.40	6.50	6.44	6.60	7.00	7.90	8.00	7.20
(17)	50.00	45.00	40.00	25.00	15.00	5.00	50.00	40.00
(18)	.32	.32	.11	.11	.125	.15	.15	.15
(19)	.06	.065	.06	.06	.048	.07	.06	.06
(20)	18.00	16.50	18.00	17.00	19.00	20.00	18.00	20.00
(21)	.0475	.05	.05	.055	.055	.06	.05	.06
(22)	.165	.17	.16	.175	.195	.20	.16	.23
(23)	1.00	.85	1.00	1.00	.90	1.00	1.00	1.25
(24)	2.00	.50	.50	.50	.40	.70	1.00	1.50
(25)	2.00	.70	.60	.60	.50	.80	1.00	2.00
(26)	1.00	.50	.30	.50	.50	.70	2.00	1.00
(27)	5.00	1.50	1.00	1.00	1.50	1.50	1.00	1.50
(28)	3.00	2.50	2.00	2.00	2.50	2.50	3.00	3.00
(29)	2.00	2.00	2.00	2.00	2.25	2.50	3.00	3.00

## BIDS WANTED

CONTRA COSTA CO., Calif.—Until June 2, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles surfacing with plant-mixed surfacing and constructing shoulders of crusher run base and applying oil treatments thereon, on Contra Costa County between Walnut and 3 1/2 miles north-erly.

The work involves:

- (1) 5,000 tons mineral agg. (surf.);
- (2) 16 tons asphalt emulsion (prime coat);
- (3) 240 tons liquid asphalt MC-5 or MC-extra heavy (surfacing);
- (4) 28 tons liquid asphalt MC-3 (seal coat);
- (5) 290 tons screenings (seal coat);
- (6) 3,000 tons crusher run base (shoulders);
- (7) 42 tons liquid asphalt SC-1A (seal coat);
- (8) 22 tons liquid asphalt SC-1A (seal coat);
- (9) 160 tons screenings (seal coat);

(17) 8 sections pave crossing device (Type C);

- (18) 9,600 each pave dowels;
- (19) 32,300 lbs. bar reinf. steel (pave and struc.);
- (20) 280 c.y. Class A portland cement concrete (struc.);
- (21) 46,000 lbs. steel rail assemblies;
- (22) 32,000 lbs. misc. iron and steel;
- (23) 64 lf. curb marker;
- (24) 80 lf. 30-in. CMP;
- (25) 210 lf. 36-in. CMP;
- (26) 40 lf. remove and salvage pipe culvert;
- (27) 70 lf. laminated guard railing;
- (28) 28 each culvert markers;
- (29) 50 each guide posts.

NOTE: The State will furnish corrugated metal pipe and band couplers as more explicitly set forth in the special provisions.

Total bids follow:

- (A) Sully-Miller Contr. Co., Long Beach, \$96,909.
- (B) Oswald Bros., Los Angeles, \$98,617.90.
- (C) Griffith Cor., Los Angeles, \$102,162.20.
- (D) Match Bros., Elinore, \$102,976.40.
- (E) J. E. Haddock, Ltd., Pasadena, \$111,575.
- (F) Dimnick & Taylor, Los Angeles, \$123,711.
- (G) United Concrete Pipe Co., Los Angeles, \$117,483.
- (H) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$119,739.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$10.00	\$ 2.00	\$10.00	\$ 8.00	\$10.00	\$ 8.00	\$10.00	\$15.00
(2)	2.00	2.25	2.00	1.40	1.40	1.20	2.00	.50
(3)	3.00	3.50	3.00	2.50	2.50	3.00	4.00	5.00
(4)	1.00	1.00	1.00	.80	.85	1.25	1.10	1.25
(5)	.75	1.00	.40	.80	.90	1.25	.70	.60
(6)	.22	.25	.35	.37	.36	.32	.43	.50
(7)	25.00	20.00	26.00	22.00	16.00	24.00	27.00	20.00
(8)	.95	1.20	1.05	1.00	1.04	1.10	1.10	1.15
(9)	.30	.69	.88	.42	.68	.11	.10	.10
(10)	10.00	5.00	3.00	4.00	5.00	5.00	8.00	10.00
(11)	20.00	20.00	20.00	20.00	20.00	20.00	28.30	22.00
(12)	1.85	1.80	2.00	2.10	2.50	2.10	2.15	2.15
(13)	13.00	14.00	15.00	14.00	15.00	15.00	12.00	15.00
(14)	.935	.92	.015	.02	.0125	.03	.02	.02
(15)	13.00	14.00	15.00	10.00	13.50	24.00	12.00	9.00
(16)	6.40	6.50	6.44	6.60	7.00	7.90	8.00	7.20
(17)	50.00	45.00	40.00	25.00	15.00	5.00	50.00	40.00
(18)	.32	.32	.11	.11	.125	.15	.15	.15
(19)	.06	.065	.06	.06	.048	.07	.06	.06
(20)	18.00	16.50	18.00	17.00	19.00	20.00	18.00	20.00
(21)	.0475	.05	.05	.055	.055	.06	.05	.06
(22)	.165	.17	.16	.175	.195	.20	.16	.23
(23)	1.00	.85	1.00	1.00	.90	1.00	1.00	1.25
(24)	2.00	.50	.50	.50	.40	.70	1.00	1.50
(25)	2.00	.70	.60	.60	.50	.80	1.00	2.00
(26)	1.00	.50	.30	.50	.50	.70	2.00	1.00
(27)	5.00	1.50	1.00	1.00	1.50	1.50	1.00	1.50
(28)	3.00	2.50	2.00	2.00	2.50	2.50	3.00	3.00
(29)	2.00	2.00	2.00	2.00	2.25	2.50	3.00	3.00

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

## CONTRACT AWARDED

PERSHING, CHURCHILL AND DOUGLAS COUNTIES, Nevada.—Silver State Constr. Co., Inc., Fallon, at \$53,585.50, submitted low bid and awarded contract by the Nevada State Highway Director, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State highway system in Pershing, Churchill, and Douglas Counties, as follows: Lovelock to a point approximately 5 miles south, a length of approximately 5.24 mi.; 6 miles east of Fallon to Stillwater, a length of approximately 9.41 mi.; Fallon to a point approximately 2.4 miles north, a length of approximately 2.38 miles; junction of State Route 3 to Genoa, a length of ap-

proximately 3.66 miles; Centerville to Gardnerville, a length of approximately 3.88 miles; the total length of all projects being approximately 24.57 miles.

J. A. Casson, Hayward, and U. B. Lee, San Leandro, at \$56,240.20, submitted second low bid.

## CONTRACT AWARDED

NYE CO., Nevada.—J. A. Casson, 319 Warren St., Hayward, and U. B. Lee, 1059 Carpenter St., San Leandro, at \$132,944.25, submitted low bid and awarded contract by the Nevada State Highway Director, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Nye County, from the east boundary of the Nevada National Forest to a point approximately 9 miles east, Route 4, Section B, a length of approximately 8.9 miles, and from a point approximately 22 miles west of Lockes to a point approximately 7 miles east of Lockes, Route 4, Sections C2 and C3, a length of approximately 29.81 miles.

J. C. Compton, McMinville, at \$135,426, submitted second low bid; and Hoops Constr. Co., Twin Falls, Idaho, at \$139,990.50, submitted third low bid.

## BIDS WANTED

INYO COUNTY, Cal.—Until June 2, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.2 miles grading and applying road-mix surface treatment in Inyo County between Bishop and Owens River.

The work involves:

- (1) 345 M. gals. water;
- (2) 5,700 c.y. rdwy. excav., uncluss.
- (3) 475 c.y. struc. excav.;
- (4) 7,100 cu. yd. imported borrow;
- (5) 4,300 c.y. imported surface material;
- (6) 9,700 sta. yds. overhaul;
- (7) 123 sta. finishing rdwy.;
- (8) 27 tons liquid asphalt SC-2 (prime coat);
- (9) 270 tons liquid asphalt SC-3 or SC-4 (road mix surf. treat.);
- (10) 26,350 sq. yds. preparing, mixing and spreading rubberized asphalt;
- (11) 22 tons liquid asphalt MC - 3 (seal coat);
- (12) 160 tons sand (seal coat);
- (13) 95 c.y. Class A Portland cement concrete (struc.);
- (14) 55 c.y. do (footing blocks);
- (15) 16,000 lbs. bar reinf. steel;
- (16) 312 lf. 18-in. CMP;
- (17) 150 lf. 24-in. CMP;
- (18) 102 lf. 30-in. CMP;
- (19) 60 lf. 36-in. CMP;
- (20) 100 lf. existing CMP culverts removed, cleaned and re-laid;
- (21) 373 lf. existing CMP culverts removed, cleaned and salvaged;
- (22) 124 lf. solid timber railing;
- (23) 34 each culvert markers;
- (24) 20 each guide posts;
- (25) 27 each culvert markers removed and salvaged;
- (26) 4.2 miles move and reset existing fences;
- (27) 1 bridge removed and disposed of;
- (28) 2 each clearance markers;
- (29) 22 each monuments complete, in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Bishop.

## 30—RESERVOIRS &amp; DAMS

## BIDS WANTED

**SAN FRANCISCO**—Until June 7, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 120, for the construction of concrete lining, roof and control works for Sunset Reservoir.

Under the contract, the contractor shall construct the concrete lining, roof and control works for Sunset Reservoir which is located approximately in the area bounded by Ortega Street, Pacheco Street, 24th Ave. and 28th Ave. The contract does not include the excavation of the basin or construction of the embankment which were completed under a separate contract.

The work will include refilling erosion channels in the existing inner slopes, trimming the inner slopes and reservoir crest, preparing the bottom surface of the basin, excavating for column footings and footing struts connecting certain column footings, excavating for concrete sills at the toe of slope and in the valley-lines at the corners of the slopes; constructing copper water stops; placing the concrete lining; constructing the concrete roof, gate tower, tower-conduit extension, spillway conduit, junction and valve boxes; furnishing and installing slide gates and special castings in the tower; furnishing and installing a traveling water screen complete with electrical equipment; furnishing and installing welded steel pipe and concrete pipe with certain appurtenances; installing certain valves, piping and fittings furnished by the City; constructing concrete sidewalks and curbs; constructing a chain-link fence and a triangular mesh fence on Redwood posts; and doing certain road grading and other work.

The work involves:

- (1) 300 tamper-hours, refilling erosion channels;
- (2) 29,000 sq. yds. trimming inner slopes and crest;
- (3) Lump sum, preparation of reservoir bottom;
- (4) 3,200 c.y. structure excavation in earth;
- (5) 500 c.y. structure excav. in rock;
- (6) 12,870 c.y. concrete in reservoir lining, column footings, coping and roof gutter, and spillway;
- (7) 3,200 c.y. concrete in columns, gate tower and tower-conduit extension, spillway conduit, junction and valve boxes;
- (8) 10,200 c.y. concrete in roof slab, joists and girders;
- (9) 400 bbls. extra cement;
- (10) 2,600 lbs. furnishing and placing steel reinf. bars;
- (11) 58,000 sq. yds. furnishing and placing 4x4-in. x No. 6 x No. 6 welded wire fabric;
- (12) 600 sq. yds. furnishing and placing 4x16-in. x No. 6 x No. 10 welded wire fabric;
- (13) 5,000 lbs. furnishing and placing copper water stops;
- (14) 320 sq. ft. furnishing and placing asbestos sheet packing;
- (15) Lump sum, furnishing and installing slide gates;
- (16) Lump sum, furnishing and installing traveling water screen and electrical equipment;
- (17) 25,000 lbs. furnishing and installing cast steel fittings;
- (18) 7,000 lbs. furnishing and installing cast iron fittings and flanged cast iron pipe;
- (19) 13,500 lbs. furnishing and installing pine handrails and steel pipe;
- (20) 74,000 lbs. furnishing and installing structural steel shapes and plates;
- (21) 2,000 lbs. furnishing and installing miscellaneous metal

- work;
- (22) 39,000 lbs. installing gate valves furnished by the City;
  - (23) 97,000 lbs. installing cast iron bell and spigot pipe and miscellaneous metal work furnished by the City;
  - (24) 1,050 l.f. furnishing and laying 54-in. diam. welded steel pipe of 3/8-in. plate;
  - (25) 900 l.f. furnishing and laying 60-in. diam. welded steel pipe of 3/8-in. plate;
  - (26) 10 each, furnishing and installing beveled courses for curved sections in 54-in. x 3/8-in. welded steel pipe;
  - (27) 15 each, furnishing and installing beveled courses for curved sections in 60-in. x 3/8-in. welded steel pipe;
  - (28) 17,700 lbs. furnishing and installing steel pipe specials;
  - (29) 1 each, furnishing and installing flexible couplings for 54-in. x 3/8-in. welded steel pipe;
  - (30) 1 each, furnishing and installing flexible couplings for 50-in. x 3/8-in. welded steel pipe;
  - (31) 60,000 sq.ft. applying bituminous enamel protective coating and lining to steel pipe;
  - (32) 24,000 sq. ft. applying felt wrapping on steel pipe;
  - (33) 7,700 c.y. excav. and backfill for pipe trenches in earth;
  - (34) 500 c.y. excavation and backfill for pipe trenches in rock;
  - (35) 12,000 sq. ft. repavement;
  - (36) 890 l.f. furnishing and laying 24-in. diam. reinf. coner pipe;
  - (37) Lump sum, furnishing and installing roof screens;
  - (38) 10,000 sq. ft. constructing concrete sidewalks;
  - (39) 210 l.f. constructing armored concrete curbs;
  - (40) Lump sum, furnishing and installing chain-link fence;
  - (41) Lump sum, furnishing and installing triangular-mesh fence on redwood posts;
  - (42) 800 c.y. road grading;
  - (43) 200 c.y. repairing outer slopes of embankment;
  - (44) 43,500 l.f. sealing construction joints.

Plans and specifications obtainable at Room 605, 425 Mason St., San Francisco, upon deposit of \$20.

N. A. Eckart, general manager and chief engineer.

## 31—PIPE LINES &amp; WELLS

## BIDS WANTED

**LOS ANGELES COUNTY, Calif.**—Until May 24, 2 P. M., bids will be received by the State Division of

Now Ready  
For Distribution

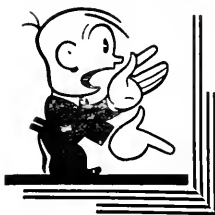
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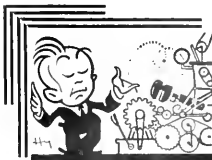
165 Tenth St., San Francisco  
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**DAILY  
PACIFIC  
BUILDER**

465 Tenth St.  
San Francisco



Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for drilling a water supply well at the Staugus Maintenance Station Site.

The work involves:

- (1) Drilling well to a depth of 200 ft.
- (2) Developing and testing well;
- (3) Per ft. for all increase or decrease of 200 ft. depth to be added or deducted from the sum total of Items 1 and 2.

Specifications obtainable from the above office.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Until May 18, 8 P. M., bids will be received by Compton city council to construct sewers in Bentley Avenue between Greenleaf Drive and Bennett St., 1911 Act, involving 8-inch vitrified pipe sewer manholes and appurtenances. Certified check or bond, 10%. Blanche C. R. Firkin, city clerk; A. B. Gidley, city manager.

#### CONTRACT AWARDED

LOS ANGELES—Santo Tedesco, 6614 Hollenbeck St., Huntington Pk., awarded contract by Los Angeles Water and Power Commission, at \$19,015, for constructing Holly Drive storm drain and appurtenant work. PWA Docket 1929-R, Unit No. 2, Spec. X-101. Bids were opened on May 3.

### 33—WATER WORKS

#### BIDS OPENED

ALAMEDA Co., Calif.—Robert Garcia Well Drilling & Pump Co., 2045 University Ave., Palo Alto, at \$385, submitted low bid to the Public Utilities Commission, City of Alameda, conditioning the Gouldart well, located near Santa Rita in Alameda Co.

Complete bids follow:  
Robert Garcia Well Drilling and Pump Co., Palo Alto—(1) \$190; (2) \$90; (3) \$105; total, \$385.  
J. E. Rogers Co., S. F.—(1) \$526.86; (2) \$100; (3) \$95; total, \$721.86.  
Tony Garcia, Redwood City—(1) \$525; (2) \$175; (3) \$205; total, \$905.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Macco-Rohertson, Ltd., 815 Paramount Blvd., Clearwater, at \$16,439.95 awarded the contract by Los Angeles Water and Power Commission for the installation of cast iron pipe water supply lines, Spec. No. X-100 (Units 1-A, 1-B and 1-C).

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Lacy Mfg. Co., 601 Washington Bldg., Los Angeles, awarded contract by the Los Angeles Water & Power Commission, April 29, at \$904, for dismantling, transporting and erecting the Sunland Tank, Spec. X-98.

#### CONTRACT AWARDED

PITTSBURGH, Pa.—Costa County, Cal.—Robt. B. McNeil, 3745 Rhoads Ave., Oakland, at \$6,110 on Proposal No. 1, and at \$7,818 on Proposal No. 2, awarded contracts by the Pittsburgh City Council, Frank R. Taormina, City Clerk, for construction of a water filtration plant for the municipal water supply.

The work involves:

Proposal No. 1: Installing all concrete and reinforcing necessary for construction of the "Spray Basin," "Wash Water Storage Tank" and the "Sand Trap."

Proposal No. 2: Equipment and material (exclusive of concrete covered by Proposal No. 1) for complete installation and housing of an aeration and filtration plant.

### ALL-AMER. CANAL—NEW RIVER CROSSING—(Govt.)

ALL-AMERICAN CANAL—Sharp & Fellows Contracting Co., 533 Central Building, Los Angeles, at \$209,721.20 (Schedule 1) submitted low bid to the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 724, for the construction of the New River crossing and other structures, Station 3633 to Station 3826, All-American Canal, Boulder Canyon Project, near Calexico.

Southwest Welding & Mfg. Co., 3201 W. Mission Road, Alhambra, submitted low bid on Schedule 2 at \$219,474; and Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, submitted second low bid at \$221,600, but freight rates must be figured before the final result is definite.

The work involves:

SCHEDULE NO. 1  
New River crossing and other structures, All-American canal, station 3633 to station 3826, except plate-steel pipes for the New River crossing

- (1) 35,800 c.y. excav. for structures, except piers for steel pipe;
- (2) 1,800 c.y. excav. and backfill for piers for steel pipe;
- (3) 4,700 c.y. excav. for drainage ditches;
- (4) 9,000 c.y. excav. for operating road;
- (5) 8,000 c.y. excav. for river channel;
- (6) 15,700 c.y. excav. for temporary unexcavated sections of canal and side drain;
- (7) 18,000 c.y. excavation, stripping foundations for compacted embankments and fills;
- (8) 10,000 sta. yds. overhaul;
- (9) 144,000 c.y. compacted embankments;
- (10) 7,500 c.y. pit-run gravel blankets on outside slopes of compacted embankments;
- (11) 75 c.y. sand blankets under screened gravel blankets;
- (12) 3,000 c.y. screened gravel blankets under concrete lining;
- (13) 300 c.y. pit-run gravel fills in concrete crib retaining walls;
- (14) 25,400 c.y. backfill;
- (15) 1,800 c.y. puddling or tamping backfill;
- (16) 3,117 c.y. concrete in structures except canal lining and piers for steel pipe;
- (17) 1,720 c.y. concrete in piers for steel pipe;
- (18) 2,680 c.y. concrete in canal lining;
- (19) 930,000 lbs. placing reinf. bars;
- (20) 1,330 lf. installing rubber water stops;
- (21) 538 sq. ft. installing elastic joint filler materials;
- (22) 202 c.y. manufacturing and placing precast concrete crib members;
- (23) 150 sq. yds. dry-rock paving;
- (24) 487 s.v. riprap;
- (25) 181,940 lbs. driving steel sheet piling;
- (26) 3,180 lf. driving timber piles;
- (27) 12 piles manufacturing and driving 30-ft. concrete piles;
- (28) 255 piles, do, 40-ft. do;
- (29) 306 piles, do, 45-ft. do;
- (30) 154 lf. constructing 6-in. sewer

pipe drains with uncemented joints;

- (31) 990 lf. constructing 6-in. cast iron pipe drains;
- (32) 208 MFMB erecting timber in structures;
- (33) 440 sq. yds. bituminous wearing surface on bridge floors;
- (34) 38,000 lbs. installing end units of steel pipe for the New River crossing;
- (35) 81,600 lbs. erecting structural steel in highway bridge;
- (36) 47,000 lbs. installing gates;
- (37) 15,540 pounds installing radial-gate hoists and operating and control mechanisms;
- (38) 3,200 lbs. installing pipe hand-rafts;
- (39) 39 lf. erecting No. 60 metal flume;
- (40) 8,300 lbs. installing 22-inch dia. steel pipe;
- (41) 5,000 pounds installing miscellaneous metal work;
- (42) 400 lf. installing electrical metal conduits 1½-in. or less in dia.;
- (43) 100 lbs. installing electrical conductors.

#### SCHEDULE NO. 2

Furnishing and erecting 186-inch diameter welded plate-steel pipe and appurtenances for the New River crossing. Items 44 and 45 of the schedule are alternative items, and award of contract will not be made for both of the items.

- (44) Furnishing, erecting, and painting 186-in. welded plate-steel pipe and appurtenances for the New River crossing, complete, in accordance with the specifications and with the details and list of parts shown on drawings, shipment of pipe materials to Calexico, Calif., to be made on commercial bills of lading at the expense of the contractor, lump sum;
- (45) Furnishing, erecting and painting 186-in. welded plate-steel pipe and appurtenances for the New River crossing, complete, in accordance with the specifications and with the details and list of parts shown on drawings, shipment of pipe materials to Calexico, Calif., to be made on Govt. bills of lading, lump sum.

Bids to state the shipping weight, freight classification, minimum car load weight and shipping point of the various materials.

Total bids follow:

#### SCHEDULE 1

- (A) Sharp & Fellows Contr. Co., Los Angeles, \$209,721.20.
- (B) Gates & Huntley, Los Angeles, \$29,231.50.
- (C) Atlas Constr. Co. and C. F. Robinsons, Pasadena, \$323,132.70.
- (D) Geo. Pollock & Co., Sacramento, \$329,579.60.
- (E) W. F. Dennis Constr. Co., San Diego, \$340,961.50.
- (F) Stroud-Seahook & C. M. Elliott, Los Angeles, \$342,517.55.
- (G) Morrison-Utah-Winston Co., Los Angeles, \$367,711.28.
- (H) Pleasant-Husler Co., Phoenix, \$379,536.70.
- (I) D. W. Thurston, Los Angeles, \$399,713.10.

The unit bids were:



Use  
**'DAILY PACIFIC BUILDER'**  
Builder Ads  
for Results

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$.31	\$.25	\$.95	\$.50	\$.35	\$.40	\$.45	\$.50	\$.30
(2).....	3.25	7.00	1.25	3.00	6.00	.65	2.25	8.00	5.65
(3).....	.22	.20	.50	.20	.30	.20	.20	.30	.45
(4).....	.22	.30	.60	.25	.30	.25	.33	.50	.50
(5).....	.33	.30	.65	.20	.35	.20	.18	.50	.20
(6).....	.17	.20	.50	.20	.30	.35	.30	.30	.27
(7).....	.14	.20	.40	.20	.22	.20	.17	.25	.20
(8).....	.015	.05	.015	.03	.05	.02	.05	.04	.03
(9).....	.245	.29	.55	.37	.32	.39	.38	.50	.35
(10).....	1.85	2.50	2.00	2.00	2.50	1.75	1.90	2.00	3.00
(11).....	1.90	3.00	2.00	3.00	3.00	1.75	3.00	4.00	4.00
(12).....	3.15	2.50	2.00	3.50	7.00	2.00	5.75	5.00	4.50
(13).....	1.80	2.00	2.00	3.00	3.00	1.70	2.25	2.50	3.00
(14).....	.17	.15	.25	.30	.30	.35	.30	.26	.30
(15).....	.60	1.00	.25	.40	.30	.40	.60	.26	.40
(16).....	14.15	18.00	11.00	18.00	18.00	24.00	21.50	15.60	27.50
(17).....	10.25	10.00	10.00	12.00	14.00	12.00	11.00	12.00	13.50
(18).....	9.30	9.00	7.00	12.00	12.00	8.90	10.00	9.60	10.00
(19).....	.0125	.016	.013	.017	.015	.015	.018	.015	.015
(20).....	.40	.60	.10	.50	.75	.60	2.25	.65	.75
(21).....	.40	.50	.20	.30	.40	.25	1.50	.50	.50
(22).....	22.00	20.00	15.00	40.00	25.00	40.00	56.00	45.00	41.00
(23).....	5.50	4.00	3.00	8.00	5.00	3.00	3.75	3.00	3.00
(24).....	4.10	5.00	2.50	6.00	5.00	7.00	5.50	4.50	6.50
(25).....	.0125	.025	.015	.02	.015	.025	.017	.015	.02
(26).....	.62	.60	.45	.60	.70	1.20	.60	.50	.40
(27).....	69.00	55.00	50.00	60.00	85.00	93.00	92.00	90.00	108.00
(28).....	92.00	71.00	80.00	80.00	95.00	101.00	118.00	120.00	136.00
(29).....	103.50	80.00	85.00	90.00	100.00	103.00	130.00	130.00	155.00
(30).....	.50	1.00	1.00	.50	.50	.25	.50	.60	.40
(31).....	.35	.70	1.00	.60	.80	1.25	1.00	.60	.75
(32).....	26.00	75.00	35.00	30.00	16.50	25.00	37.00	65.00	40.00
(33).....	.65	1.00	2.00	.60	1.25	2.00	2.30	1.50	1.50
(34).....	.02	.03	.02	.05	.015	.03	.015	.025	.025
(35).....	.02	.02	.015	.02	.015	.03	.016	.02	.025
(36).....	.06	.05	.025	.06	.05	.03	.025	.03	.025
(37).....	.06	.05	.025	.06	.08	.05	.09	.075	.08
(38).....	.07	.06	.05	.10	.10	.12	.10	.10	.05
(39).....	1.50	5.00	5.00	1.00	1.00	5.00	2.00	1.50	3.00
(40).....	.02	.03	.02	.04	.05	.03	.025	.05	.025
(41).....	.08	1.00	.08	1.00	.07	.05	1.0	.15	.08
(42).....	.20	1.00	.15	.25	.30	.20	.30	.25	.15
(43).....	.50	1.00	.25	.25	.50	.20	1.00	.50	.40

**34— PARKS AND PLAY GROUNDS**

**LOW BIDDER**

PASADENA, Los Angeles Co., Cal.—H. Mayson, 9317 Hooper Aves., Los Angeles, submitted low bid to Pasadena Board of Education at \$28,976 for all work for ground layout and landscaping at Pasadena Jr. College.

**BIDS WANTED**

SACRAMENTO, Calif.—Until May 26, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing and installing a flood lighting system at Roosevelt Park, 9th and 10th, P and Q Streets.

Plans and specifications obtainable from the above office upon payment of \$15.

**BIDS WANTED**

ROSEVILLE, Placer Co., Calif.—Until June 4, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Roseville.

Drawings and specifications may be obtained from the above office from the Custodian of the Building.

**CONTRACT AWARDED**

SAN ANSELMO, Marin Co., Cal.—F. J. Main, Fairfax, at \$2,290 (armor and seal coat, emulsified) submitted low bid and awarded contract by the San Anselmo City Council, F. D. Burrows, City Clerk, for the construction of two tennis courts at the San Anselmo Recreation Park and Plaza, adjacent to the Red Hill School and Sonoma Ave.

Complete bids follow:

F. J. Main, Fairfax: Armor and seal coat, emulsified, \$2290; concrete with asphaltic top course, \$3194.

Eaton & Smith, San Francisco: Concrete with asphaltic top, \$3,780.

Pacific States Const. Co. San Francisco: Concrete with asphaltic top, \$3,895.

P. L. Burr, San Francisco: Cal-rock surface, \$2,465.

**STIPULATIONS:**

V. R. Dennis Constr. Co.: Will accept No. 1 alone, but not No. 2 without No. 1.

Morrison-Utah-Winston Co.: Will accept No. 1 alone or Nos. 1 and 2, but not No. 2 alone.

D. W. Thurston: Will accept No. 1 without No. 2; will not accept No. 2 without No. 1.

**SCHEDULE II**

Southwest Welding & Mfg. Co., Alhambra: (44) \$109,737; (45) \$109,737; (total) \$219,474; (wt.) 1,109,990.

Pittsburgh-Des Moines Steel Co.: (44) \$115,000; (45) \$115,000; (total) \$230,000; (wt.) 1,108,000.

V. R. Dennis Constr. Co., San Diego: (44) \$115,000; (45) \$115,000; (total) \$230,000; (wt.) 575 tons.

Morrison-Utah-Winston Co., Los Angeles: (44) \$119,957; (45) \$118,560; (total) \$238,517; (wt.) 575 tons.

D. W. Thurston, Los Angeles: (44) \$120,000; (45) \$118,700; (total) \$238,700; (wt.) 575 tons.

Western Pipe & Steel Co., Los Angeles: (44) \$124,635; (45) \$123,210; (total) \$247,845; (wt.) 575 tons.

Consolidated Steel Corp., Los Angeles: (44) \$131,617; (45) \$129,615; (total) \$261,232; (wt.) 1,110,800.

Chicago Bridge & Iron Works: (44) \$158,595; (45) \$145,295; (total) \$303,890; (wt.) 1,108,030.

**SIERRA & NEVADA COUNTIES—7.948 MI. SURFACING—(Govt.)**

SIERRA & NEVADA COS., Calif.—Claude C. Wood and Frank Marks, P.O. Box 1714, Stockton, at \$73,407.90, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for placing base and surface courses on 7.948 miles of Sections B and C of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties.

The work involves:

- (1) 1,000 c.y. unclass. excav.;
- (2) 300 c.y. do for structures;
- (3) 5,000 sta. yds. overhaul;
- (4) 7.948 mi. fine grading sugrade and shoulders;

- (5) 31,400 tons 2-in. heavy crushed rock, base course;
  - (6) 27,900 tons crusher run, top course;
  - (7) 300 tons supplemental crushed stone;
  - (8) 1,800 M. gals. watering;
  - (9) Lump sum, water plant or plants for project;
  - (10) 836 lf. 8-in. perforated C.S.M. pipe underdrain;
  - (11) 240 sq. yds. mortar backfill seal.
- Total bids follow:
- (A) Claude C. Wood & Frank Marks, Stockton \$73,407.90
  - (B) Triangle Rock & Gravel Co., San Bernardino, 79,801.40
  - (C) A. Soda & Son, Oakland \$5,715.60

- (D) Homer G. Johnson, Portland 86,815.60
  - (E) Hemstreet & Bell, Marysville 87,947.60
  - (F) A. Teichert & Son, Inc., Sacramento 92,852.40
  - (G) Isbell Constr. Co., Reno 93,183.60
  - (H) Owl Truck & Materials Co., Compton 97,922.40
  - (I) Dodge Construction, Inc., Fallon 98,805.00
  - (J) Hanrahan Co., S. F. 98,968.18
  - (K) Fredericksen & Westbrook, Lower Lake 111,460.60
  - (L) Pacific States Constr. Co., S. F. 138,977.01
- Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$.50	\$.25	\$.140	\$.60	\$.125	\$.90	\$.100	\$.60	\$.100	\$.60	\$.175	\$.60
(2).....	2.75	1.50	2.50	1.20	2.50	2.00	2.00	1.50	2.50	1.75	2.50	2.00
(3).....	.01	.01	.02	.03	.02	.01	.02	.02	.03	.03	.025	.02
(4).....	175.00	200.00	350.00	200.00	450.00	500.00	350.00	300.00	250.00	355.00	450.00	700.00
(5).....	1.06	1.20	1.11	1.15	1.25	1.27	1.35	1.47	1.35	1.40	1.50	2.12
(6).....	1.18	1.25	1.45	1.20	1.35	1.47	1.45	1.47	1.65	1.60	1.80	2.17
(7).....	2.75	1.00	5.0	1.10	1.35	1.50	1.55	1.47	1.65	1.50	2.50	2.40
(8).....	1.50	1.00	1.50	1.50	1.50	1.50	1.25	1.90	1.25	2.25	2.50	1.50
(9).....	300.00	100.00	375.00	300.00	250.00	1250.00	1350.00	1540.00	1000.00	350.00	650.00	902.25
(10).....	1.25	2.00	2.00	1.00	2.25	2.15	2.00	2.00	3.00	1.20	2.75	2.56
(11).....	1.00	1.00	1.00	1.50	.50	1.00	.50	.60	1.00	.75	1.00	1.00

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## IN THIS ISSUE



Mad River Pipe Line Bids  
June 3



*Five State Highway Contracts Advertised*



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of Building and Engineering  
Projects**



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# PACIFIC CONSTRUCTOR

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Vol. XX SAN FRANCISCO, CALIF., MAY 22, 1937 No. 18

## BIDS ON FIVE ADDITIONAL STATE HIGHWAY CONTRACTS OPEN IN JUNE

SACRAMENTO, May 18.—Continuing the rush of state highway projects to be placed under construction with the opening of the new fiscal year, the State Highway Commission invited bids on five contracts, scheduling four Northern and Central California jobs for opening June 9 and one Southern California project for the following day.

Bids will be opened in Sacramento June 9 on projects located by counties as follows:

**DEL NORTE:** construction of a reinforced concrete bridge across Myrtle Creek, about ten miles north of Crescent City. The bridge will consist of eighteen 15-ft. slab spans on an open spandrel arch and concrete bents and abutments.

**Shasta Grading**  
SHASTA: about seven-tenths of a mile of grading and surfacing with crusher run base and road-mix surfacing at China Gulch.

**PLUMAS:** road - mix surfacing and seal coat application on about 16.1 miles between Feather River Inn and Beckworth.

**MADERA:** installing under-drains on about eight miles between Keshaw Corners and Coarse Gold.

On June 10 bids will be opened by the State Highway Engineer in Los Angeles for applying road-mix surface treatment to shoulders on about 33.9 miles at various locations in Los Angeles and Orange counties.

## ASK HOLLISTER HOSPITAL BIDS

Bids for construction of the \$60,000 San Benito county hospital will close July 1, Architect Robert Stanton of Del Monte announced yesterday. The structure will be a one-story reinforced concrete building. It will contain 16 two-bed rooms for elderly indigents, two regular hospital rooms for patients, operating and X-ray rooms, kitchen and dining room, laboratory, recreation room, delivery room, and infants' room.

Architect Stanton reported that working drawings for the \$110,000 King City high school auditorium probably will be completed within a month.

## BIDS JUNE 3 ON MAD RIVER PIPE PROJECT

### Council Approves the Revised Plans for Second Section of Supply System

Following approval by the Eureka city council of revised plans for the pipe line section of the Mad River water supply project, the contract was authorized for advertising. Bids will be opened by the council June 3, City Clerk A. Walter Kidale announced.

The 23-mile pipe line will extend, when completed, from the site of the dam now being constructed on Mad River by T. E. Connolly and Hanrahan Corp. to the existing distributing tanks at Harris and E streets in Eureka.

Originally advertised as a unit, the project was divided and the dam contract awarded separately when it became apparent that available funds would not cover the entire cost. Eureka voters recently approved a bond proposal to complete financing of the pipe line section, and revised plans were approved by PWA.

### Types Will Vary

Types of construction, according to Engineer C. C. Kennedy of San Francisco, who prepared the plans, vary according to topography of land which the line will cross.

About ten miles of the line, at the upper end, will be of concrete and lined steel pipe, 30-inches in diameter. Scattered sections will be of 36-inch redwood stave pipe.

At the city end of the line, approximately ten miles will be constructed of 24-inch lined steel pipe, while the contract also calls for construction of 1245 feet of 18-in. lined steel pipe within the city limits. The latter section actually is a portion of the distribution system within the city.

Shipments of fire motor apparatus for the first three months of 1937 totalled 193 units, as compared with 132 units for a similar period in 1936, and 88 units for the first three months of 1935, the Bureau of Census reports.

## A.G.C. ENTERS DRIVE FOR PWA CONTINUATION

### Northern Calif. Chapter Proposes Allotment of At Least \$350,000,000

Seeking to insure continuance of PWA, at least for an additional two years, the Northern California Chapter, Associated General Contractors, has written members of the house appropriations committee outlining reasons why the Public Works Administration should not be allowed to become dormant and urging a definite allotment to PWA of not less than \$350,000,000.

Recommendations of the chapter, as outlined by Secretary-Manager Floyd O. Booe, are:

1. A continuance of the PWA facilities for an additional period of at least two years after its expiration date of June 30, 1937;

#### Definite Allotment

2. Specific mention should also be incorporated in this appropriation measure to earmark or allocate a sum of at least \$350,000,000 to be expended entirely on a basis of competitive bidding under the auspices of the PWA;

3. In order to prevent the inclusion of additional clients on the relief rolls by the cessation of the PWA, methods should be adopted to prevent this occurrence, instead of trying to render relief after the workers have been forced to this extreme.

4. Grants on all PWA projects should be made on a basis of percentage-of-cost of the entire project of from 30 to 45 per cent, in order to encourage the various municipalities to advocate further this type of economical construction.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
1271	Bacigalupi	Oliva	4000
1272-73	Barber	Owner	3500
1274	Barber	Owner	3800
1275	Bothin	Anderson	6000
1276	Bothin	Stockton	7500
1277	Conlan	Anderson	1750
1278	Gassiot	Kenley	3600
1279	Ingold	Barrett	101700
1280	Lurie	Cahill	2000
1281	McCarthy	Owner	2000
1282-85	Meyer	Owner	4000
1286	Richter	Capital	4800
1287	Sahaderne	Owner	10000
1288	Singer	Schultz	3000
1289	Tidewater	Owner	2300
1290	Tidewater	Owner	14000
1291	Troullet	Thulin	1000
1292	West. Can	Barrett	65000
1293	Whitshire	Mullen	7500
1294	Anglo	Vukicvich	2000
1295	Doelger	Owner	6800
1296	Doelger	Owner	6000
1297	Doelger	Owner	5000
1298	McCarthy	Janigan	1000
1299	McCarthy	Aetna	3900
1300	McCarthy	Aetna	4000
1301	Moss	Jensen	7000
1302	Pacific States	Walker	284,000
1303	-06 Ruegg	Owner	4000
1307	Sandell	Anderson	3000
1308	W. States	Anna	1000
1309	Gernhardt	Ferro	6000
1310	Nelson	Owser	3500
1311	Nelson	Owser	3000
1312	Gilpin	Duerner	4000
1313	Griffith	Fetz	1000
1314	Hansen	Owner	4000
1315-17	Hull	Danver	3800
1318	Mather	Duerner	4000
1319	O'Neill	Owner	3000
1320	O'Neill	Owner	3600
1321	Springer	Libberg	4900
1322	Tobinger	Munson	1000
1323	Veihle	Owner	3500
1324	Clay	Mullen	4500
1325	Cong. Emanuel	Barrett	5000
1326-31	Doelger	Owner	4000
1332	Fidelle	Meinberger	3500
1333	Garcla	Besi	1000
1334	Hillman	Owner	9000
1335	Ind. Paper	Lindgren	1000
1336	Mission	Hopper	9000
1337	Rippe	Mullarkey	1285
1338	Walkup	Neumaa	2000
1339	Bridget	Miller	2500
1340	Capra	Barsoti	4000
1341	Kendall	McCarthy	4500
1342	Mazzaferrl	Owner	4500
1343	Meyer	Owner	4000
1344	Meyer	Owner	4000
1345	Mignola	Owner	4000
1346	Ragni	Owner	3500

**DWELLING**  
 (1271) N. EDINBURGH, 200 S EX-  
 CELSIOR. One-story frame  
 dwelling.  
 Owner—C. Bacigalupi, 542 Vienna.  
 Contractor—J. Oliva, 542 Vienna.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1272) N. BOSWORTH, 250 E DIA-  
 MOND. One-story frame dwelling.  
 Owner—H. Barber, 225 College.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1273) N. BOSWORTH, 225 E DIA-  
 MOND. One-story frame dwelling.  
 Owner—H. Barber, 225 College.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1274) N. BOSWORTH, 2 E DIA-  
 MOND. One-story frame dwelling.  
 Owner—H. Barber, 225 College.  
 Architect—Not Given. \$3800

**ALTERATIONS**  
 (1275) 205 2ND ST. Alter store &  
 loft.

Owner—Ellen C. Bothin, 604 Mission.  
 Contractor—E. A. Anderson, 1177  
 De Haro.

Architect—Geo. W. Travis, 604 Mis-  
 sion.

Engineer—Chas. N. Bley, Oakland,  
 Calif. \$6000

**ALTERATIONS**

(1276) 88 2ND ST. Alter stores.  
 Owner—Bothin Real Estate Co., 604  
 Mission.

Contractor—A. F. Mattock Co., 212  
 Clara.

Architect—Angus McSweeney, 604  
 Mission. \$2750

**ALTERATIONS**

(1277) 545 DARIEN. Alter dwell-  
 ing.

Owner—Sarah Conlan, Prem.  
 Contractor—S. R. Anderson, 1433 7th  
 Ave.

Architect—C. O. Clausen, 746 46th  
 Ave. \$1750

**DWELLING**

(1278) NW GARFIELD & BRIGHT.  
 One-story frame dwelling.

Owner—Anton Gassiot, 143 Jules.  
 Contractor—J. M. Kenly, 206 Judah.

Architect—Not Given. \$3000

**AUTO SALES BLDG.**

(1279) SW VAN NESS & O'FAR-  
 RELL. Three-story Class B auto  
 sales building.

Owner—Ernest Ingold, Inc., % Con-  
 tractor.

Contractor—Barrett & Hilp, 918 Har-  
 rison.

Architect—John E. Dinwiddle, 360  
 Pine.

Engineer—R. J. Fisher, Crocker  
 Bldg. \$101,700

**ALTERATIONS**

(1280) E. 8TH ST. 294 N BRAN-  
 NAN. Alter shop.

Owner—The Lurie Co., 333 Mont-  
 gomery.

Contractor—Cahill Bros., 206 San-  
 some.

Architect—W. D. Peugh, 333 Mont-  
 gomery. \$2000

**ALTERATIONS**

(1281) 1059 O'FARRELL ST. Alter  
 dwelling.

Owner—B. M. McCarthy, cars Con-  
 tractor.

Architect—Barrett & Hilp, 918 Har-  
 rison. \$2000

**DWELLING**

(1282) NE MARIETTA, 146 SE EN-  
 CLINE. One-story frame dwell-  
 ing.

Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

**DWELLING**

(1283) NE MARIETTA, 171 SE EN-  
 CLINE. One-story frame dwell-  
 ing.

Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

**DWELLING**

(1284) NE MARIETTA, 121 SE EN-  
 CLINE. One-story frame dwell-  
 ing.

Owner—Meyer Bros., 735 Portola.  
 Architect—Not Given. \$4000

**DWELLING**

(1285) NE MARIETTA, 190 SE EN-  
 CLINE. One-story frame dwell-  
 ing.

Owner—Meyer Bros., 735 Portola

Architect—Not Given. \$4000

**ALTERATIONS**

(1286) 1850 IRVING. Alter bath.  
 Owner—Richter Pjora, Prem.

Contractor—Capital Co., 625 Market.  
 Architect—L. T. Hendy, 625 Market.  
 \$4800

**ALTERATIONS**

(1287) 1450 GREEN. Alter apart-  
 ments.

Owner—James Sahaderne, Prem.  
 Contract not awarded.

Architect—Hyman & Appleton, 68  
 Post. \$10,000

**DWELLING**

(1288) W. 14TH AVE., 27 N MAN-  
 DALAY. One-story frame dwell-  
 ing.

Owner—H. E. Singer, 625 Market.  
 Contractor—Schutz Constr. Co., 625  
 Market.

Architect—F. W. Dakin, 625 Market.  
 \$3000

**ALTERATIONS**

(1289) SE COR. 10TH & BRYANT  
 STS. Alter wall.

Owner—Tidewater Associated Oil  
 Co., 79 New Montgomery.

Architect—Vincent G. Raney, 233  
 Post. \$2200

**DISPENSING PLANT**

(1290) SE COR. 10TH & BRYANT  
 STS. One-story steel dispensing  
 plant.

Owner—Tidewater Associated Oil Co.,  
 79 New Montgomery.

Architect—Vincent G. Raney, 233  
 Post. \$14,000

**REPAIRS**

(1291) 925 GEARY ST. Repair fire  
 damage to apartments.

Owner—J. F. Troullet, care Con-  
 tractor.

Contractor—A. L. Thulin, 63 Brady.  
 Architect—Not Given. \$1000

**CLASS B FACTORY**

(1292) E RHODE ISLAND, 247 S  
 17TH ST. Two-story Class B  
 factory.

Owner—Western Can Co., 17th St. &  
 Rhoda Island.

Contractor—Barrett & Hilp, 918 Har-  
 rison.

Engineer—Leland S. Rosner, 233  
 Sansome. \$65,000

**ALTERATIONS**

(1293) 840 STOCKTON. Alter res-  
 taurant.

Owner—Whitshire Hotel Co., Stock-  
 ton and Compton Place.

Contractor—Mullen Mfg. Co., 60  
 Rausch.

Architect—Albert R. Williams, 251  
 Post. \$7500

**ALTERATIONS**

(1294) 301 ROLPH. Alter market.  
 Owner—Anglo California Nat. Bank,  
 Sutter and Sansome Streets.

Contractor—M. E. Vukicvich, 666  
 Mission Street.

Architect—Not Given. \$2,000

**DWELLING**

(1295) W 15th AVE., 130 N Pacheco.  
 One-story frame dwelling.

Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.

Architect—Not Given. \$5,000

**DWELLING**

(1296) W 15th AVE., 78 N Pacheco.  
 One-story frame dwelling.

Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.

Architect—Not Given. \$5,000

**DWELLING**  
 (1292) NW 16th AVE. and Moraga.  
 One-story frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$5,900

**ALTERATIONS**  
 (1295) 87 FOURTH ST. Alter tav-  
 ern.  
 Owner—D. McCarthy, 3639 19th St.  
 Contractor—J. Janigian, 1921 Mission.  
 Architect—Not Given. \$1,900

**DWELLING**  
 (1295) E PLYMOUTH 75 N Lake-  
 view. One-story frame dwelling.  
 Owner—The McCarthy Co., 333 Kear-  
 ny Street.  
 Contractor—Aetna Const. Co., 1730  
 24th Avenue.  
 Architect—Not Given. \$3,900

**DWELLING**  
 (1300) W FAXON 125 S Ds Mont-  
 ford. One-story frame dwelling.  
 Owner—The McCarthy Co., 333 Kear-  
 ny Street.  
 Contractor—Aetna Const. Co., 1730  
 24th Avenue.  
 Architect—Not Given. \$4,000

**BUILDING**  
 (1301) S BRYANT 25 W Decatur.  
 One-story concrete commercial  
 building.  
 Owner—Donald Moss, 604 Mission.  
 Contractor—G. P. W. Jensen & Sons,  
 320 Market Street.  
 Architect—Angus McSweeney, 604  
 Mission Street.  
 Engineer—Norman E. Green, 55 New  
 Montgomery Street. \$7,000

**ALTERATIONS**  
 (1302) SW MARKET and Third St.  
 Alter offices.  
 Owner—Pacific States Savings and  
 Loan Co., 745 Market Street.  
 Contractor—P. J. Walker Co., Sharon  
 Building.  
 Architect—Albert F. Roller, Crocker  
 First National Bank Bldg.  
 Engineer—H. J. Brunner, Sharon  
 Building. \$284,000

**DWELLING**  
 (1303) E TALBERT 347 S Visitacion.  
 One-story frame dwelling.  
 Owner and Builder—The Ruegg Co.,  
 369 Pine Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1304) E TALBERT 425 S Visitacion.  
 One-story frame dwelling.  
 Owner and Builder—The Ruegg Co.,  
 369 Pine Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1305) E TALBERT 396 S Visitacion.  
 One-story frame dwelling.  
 Owner and Builder—The Ruegg Co.,  
 369 Pine Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1306) E TALBERT 373 S Visitacion.  
 One-story frame dwelling.  
 Owner and Builder—The Ruegg Co.,  
 369 Pine Street.  
 Architect—Not Given. \$4,000

**STORE**  
 (107) S TARAVALL 67 W 18th Ave.  
 One-story frame store.  
 Owner—R. T. Standell, 745 21st Ave.  
 Contractor—Jas. A. Anderson, 2321  
 Ceceilia.  
 Architect—Vincent Buckley, 525 Mar-  
 ket Street. \$3,900

**ALTERATIONS**  
 (108) 468 BUSH ST. Alter store.  
 Owner—Western States Importing  
 Co., 508 Fin Street.  
 Contractor—H. Arima, 1568 Post St.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (109) SE 18th St. and Mission:

Alter store.  
 Owner—Gernhardt - Strohmaier, SE  
 18th and Mission Streets.  
 Contractor — Ferro Enameling Co.,  
 1100 57th Ave, Oakland.  
 Architect—Not Given. \$6,000

**DWELLING**  
 (1310) W MARKET ST. 225 South  
 Iron Alley. One - story frame  
 dwelling.  
 Owner and Builder—Fernando Nel-  
 son & Sons, 2901 19th Avenue.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (1311) W MARKET ST. 175 South  
 Iron Alley. One - story frame  
 dwelling.  
 Owner and Builder—Fernando Nel-  
 son & Sons, 2901 19th Avenue.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (1312) W. 33RD AVE., 100 S JU-  
 DAH. One-story and basement  
 frame dwelling.  
 Owner—Thomas Gilpin, 301 Ever-  
 green.  
 Contractor—James C. Duerner, 301  
 Evergreen.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (1313) 307 PARIS. Alter dwelling.  
 Owner—F. Griffith, 301 Parla.  
 Contractor—P. Fetz, 460 Wilde Ave.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1314) N. ENTRADA, 466 W OF  
 BRICA. One-story frame dwell-  
 ing.  
 Owner—Peter Hansen, 772 Fell.  
 Contractor—Bay Cities Bldg. Co., 160  
 Russ.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1315) W. GOETTINGEN, 75 S OF  
 OLMSTEAD. One-story and  
 basement frame dwelling.  
 Owner—Sidney Hull, 690 17th Ave.  
 Contractor—Bernard W. Danver, 2766  
 San Bruno.  
 Architect—Not Given. \$3800

**DWELLING**  
 (1316) W. GOETTINGEN, 50 S OF  
 OLMSTEAD. One-story and  
 basement frame dwelling.  
 Owner—Sidney Hull, 690 17th Ave.  
 Contractor—Bernard W. Danver, 2766  
 San Bruno.  
 Architect—Not Given. \$3800

**DWELLING**  
 (1317) W. GOETTINGEN, 100 S OF  
 OLMSTEAD. One - story and  
 basement frame dwelling.  
 Owner—Sidney Hull, 690 17th Ave.  
 Contractor—Bernard W. Danver, 2766  
 San Bruno.  
 Architect—Not Given. \$3800

**DWELLING**  
 (1318) W BEVERLY, 100 N GAR-  
 FIELD. One-story and basement  
 frame dwelling.  
 Owner—Wesley Mather, 956 Sacra-  
 mento.  
 Contractor—James C. Duerner, 301  
 Evergreen.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1319) E. WATERVILLE, 150 N  
 AUGUSTA. One - story frame  
 dwelling.  
 Owner—F. J. O'Neill, 150 Kenwood.  
 Architect—Not Given. \$3000

**DWELLING**  
 (1320) E. WATERVILLE, 125 N  
 AUGUSTA. One - story frame  
 dwelling.  
 Owner—F. J. O'Neill, 150 Kenwood.  
 Architect—Not Given. \$3000

**DWELLING**  
 (1321) W. ALMADEN CT., 82 N OF

ANZA. One-story and basement  
 frame dwelling.  
 Owner—Ira H. Springer, 595 Market  
 St.  
 Contractor—C. Lindgren, 1 Naylor St.  
 Architect—Not Given. \$4900

**ALTERATIONS**  
 (1322) 1008 ANZA. Alter dwelling.  
 Owner—Geo. F. Toblinger, Prem.  
 Contractor—John Munson, 2419 15th  
 St.  
 Architect—Not Given. \$1000

**DWELLING**  
 (1323) W. 30TH AVE., 350 S LAW-  
 TON. One-story and basement  
 frame dwelling.  
 Owner—Theodore Veyhle, 1326 22nd  
 Ave.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (1324) 2539 MISSION Street. Alter  
 store.  
 Owner—Sherman Clay & Co., 2537  
 Mission Street.  
 Contractor—Mullen Mfg. Co., 80  
 Rauch Street.  
 Architect—Not Given. \$4,500

**ALTERATIONS**  
 (1325) NW COR. FIRST AVE. and  
 Lake St. Alter church.  
 Owner—Congregation Emanuel, NW  
 Cor. First Ave. and Lake St.  
 Contractor—Barrett & Hip, 918 Har-  
 rison Street.  
 Architect—M. Goodman, 2163 Center  
 St., Oakland.  
 Engineer—James Smith, 251 Kearny  
 Street. \$5,000

**DWELLING**  
 (1326) W 17th AVE. 260 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1327) W 17th AVE. 210 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1328) W 17th AVE. 235 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1329) W 17th AVE. 235 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1330) W 17th AVE. 335 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,900

**DWELLING**  
 (1331) W 17th AVE. 310 S Quin-  
 tara. One - story and basement  
 frame dwelling.  
 Owner and Builder—Henry Doelger  
 Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1332) S BAYVIEW 106 E Neehall.  
 One - story and basement frame  
 dwelling.  
 Owner—N. Fidele, c/o contractor.  
 Contractor—W. S. Meinberger, 956  
 Folsom Street.  
 Architect—Not Given. \$3,500

**ALTERATIONS**  
 (1333) 1416 LOWELL Street. Alter

restaurant.  
Owner—S. Garcia, premises.  
Contractor—Beal Store Equip. Co.,  
2745 16th Street.  
Architect—Not Given. \$1,000

ALTERATIONS  
(1334) N NATOMA 100 E Hattie St.  
Alter factory.  
Owner—E. F. Hillman, 216 11th St.  
Architect—Chas. F. Strothoff, 2274  
15th Street.  
Engineer—V. Parasona, c/o architect.  
\$9,000

ALTERATIONS  
(1335) 650 SEVENTH ST. Alter  
factory.  
Owner—Independent Paper Stock Co.,  
850 Seventh Street.  
Contractor—Lindgren and Swinerton,  
Inc., 225 Bush Street.  
Engineer—L. S. Rosener, 233 Sansome  
Street. \$1,000

ALTERATIONS  
(1336) 1226 FILLMORE ST. Alter  
theatre.  
Owner—Mission-Fillmore Theatre Co.,  
25 Taylor Street.  
Contractor—A. J. Hopper, 1769 Pleas-  
ant Valley Ave., Piedmont.  
Architect—F. F. Amandes, 414 Dewey  
Boulevard. \$8,000

ALTERATIONS  
(1337) NW COR. 24th and Potrero.  
Alter stores and flat.  
Owner—J. H. Rippe, 2847 24th St.  
Contractor—Anthony Mullarkey, 40  
Alvarez.  
Architect—Not Given. \$1,285

ALTERATIONS  
(1338) 240 SECOND Street. Alter  
warehouse.  
Owner—Walkup Drayage Co., Fourth  
and Berry Streets.  
Contractor—C. C. Neuman, 507 Bran-  
nan Street. \$3,000

ALTERATIONS  
(1339) SW OCEAN AVE. & FAX-  
ON. Alter garage.  
Owner—E. B. Bridgett, Ocean and  
Faxon.  
Contractor—Miller & McGilla, 4444  
Geary Blvd.  
Architect—Not Given. \$2,500

DWELLING  
(1340) S. SHAFER, 50 E KEITH.  
One-story and basement frame  
dwelling.  
Owner—E. and R. Capra, 1407 Under-  
wood.  
Contractor—Arturo Barsotti, 1489  
Quesada  
Architect—Donnell E. Jaekle, 126  
Post St. \$4,000

DWELLING  
(1341) W. DANVERS, 85 N CASEL-  
LI AVE. One-story and base-  
ment frame dwelling.  
Owner—Henry Kendall, 1403 New-  
comb.  
Contractor—Robert McCarthy, 1363  
14th Ave.  
Architect—Not Given. \$4,500

ALTERATIONS  
(1342) 1900 HYDE ST. Alter apart-  
ments.  
Owner—Pietro Mazzaferri, 1925 Hyde  
Street.  
Architect—Not Given. \$4,500

DWELLING  
(1343) NE MARIETTA DR., 576 E  
EVELYN WAY. One-story and  
basement frame dwelling.  
Owner—Meyer Bros., 735 Perola  
Architect—Not Given. \$4,000

DWELLING  
(1344) NE MARIETTA DR., 518 SE  
EVELYN WAY. One-story and  
basement frame dwelling.  
Owner—Meyer Bros., 735 Perola.

Architect—Not Given. \$4,000  
DWELLING  
(1345) E. 33RD AVE., 300 S JUDAH  
ST. One-story and basement  
frame dwelling.  
Owner—Joe. Mignola, 1386 16th Ave.  
Architect—C. O. Clausen, 746 46th  
Ave. \$4,000

DWELLING  
(1346) SW OLIVER AND BRUNS-  
WICK. One-story and basement  
frame dwelling.  
Owner—Jos. Ragni, 134 Acton.  
Architect—Not Given. \$3,500

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
870	Jensen	Owner	3000
871	Bartlett	Owner	6500
872	Dezzani	Winkler	3500
873	Fisher	Teigland	7000
874	Harris	Owner	1000
875	Jackson	Owner	2800
876	Knudson	Owner	2800
877	London	Allen	5000
878	Lusher	Groden	5000
879	Nelson	Owner	3750
880	Nelson	Owner	3500
881	Quigley	Gaubert	4600
882	Steccone	Owner	2500
883	North Bay	Broadworth	1800
884	Dunn	Dunn	1800
885	Apex	Cone	2500
886	Beckett	Owner	4000
887	Burnett	Owner	5000
888	Oakland City	Owner	6000
889	Gilde	Owner	2550
890	Nickelson	Tollefaen	5000
891	Peterson	Nicholson	5000
892	Salvation	Moore	15000
893	Detela	Fox	3000
894	Shapero	Owner	15000
895	Taylor	Owner	2000
896	Kirman	Owner	4750
897	Cole	McCorkle	6000
898	Home Loan	Gabriel	4000
899	Johnson	Owner	3340
900	Jurich	Owner	3800
901	Larsen	Armstrong	6800
902	Leader	Owner	4000
903	Kercher	Bigelow	4250
904	Hill	Campomonosi	13700
905	Oak Hill	Johnson	58750
906	Owens	Pittsburg	5249
907	Shackelton	Owner	1300
908	Carbone	Whalin	5200
909	Cutter	Crown	1300
910	Rosenthal	Owner	3000
911	Williams	Owner	4400
912	Diering	Owner	2750
913	Degotte	Reno	1290
914	Frakia	Rubensten	1000
915	Freuler	Whitehouse	5000
916	Heraty	Jensen	3500
917	Heraty	Jensen	3500
918	Hill	Owner	3500
919	Lagnes	Owner	3500
920	Moninelli	Ghislisli	1800
921	Nickals	Reno	5000
922	Polard	Owner	4750
923	Sullivan	Hagen	1000
924	Thomas	Freethy	6500

DWELLING  
(870) 2750 HILGARD, BERKELEY.  
Two-story 5-room frame dwell-  
ing and garage.  
Owner and Builder—A. E. Jensen,  
1675 La Lomi, Berkeley.  
Architect—W. W. Wurster, San Fran-  
cisco. \$3,000

DWELLING  
(871) 5906 BRUNS DRIVE, OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner and Builder—Alan Bartlett,  
1094 Ranleigh Way, Oakland.  
Architect—B. G. McDougal, 369 Pine  
St., San Francisco. \$6,500

DWELLING  
(872) 35 TEMPLAR PLACE, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Maurice Dezzani, 4910 Dea-  
mond St., Oakland.  
Contractor—Irving F. Winkler, 2653

Best Ave., Oakland. \$3,500  
DWELLING  
(873) 5160 MASONIC AVE., OAK-  
LAND. Two-story 5-room dwell-  
ing.  
Owner—C. W. Fisher, 189 Florence  
Ave., Oakland.  
Contractor—C. M. Teigland, 4607  
Harbord Dr., Oakland.  
Architect—Not Given. \$7,000  
Also 1-story garage, \$300.

ALTERATIONS  
(874) 3533-35 38th AVE., OAKLAND.  
Owner and Builder—Maud E. Har-  
ris, 3533 38th Ave., Oakland.  
Architect—Not Given. \$1,000

DWELLINGS  
(875) 1087-1091 106th AVE., OAK-  
LAND. Two one-story five-room  
dwellings.  
Owner and Builder—C. A. Jackson,  
2426 106th Ave., Oakland.  
Architect—Not Given. \$2,800 each  
Also two 1-story garages, \$200 ea.

DWELLING  
(876) 2132 103rd AVE., OAKLAND.  
Alteratory 4-room dwelling.  
Owner and Builder—Conrad Knud-  
son, 3421 Curran Ave., Oakland.  
Architect—Not Given. \$2,800

DWELLING  
(877) 7W TAMPA AVENUE, Lot 160  
Montclair Highlands, OAKLAND.  
Two-story 5-room dwelling.  
Owner—J. L. London.  
Contractor—Allen & Allen, 3471 Lau-  
rel Ave., Oakland. \$2,800  
Architect—E. Musson Sharpe, 111  
Sutter St., San Francisco. \$5,000

DWELLING  
(878) 3059 ARIZONA ST. OAKLAND.  
One-story 5-room dwelling.  
Owner—Frank G. Lusher, 2321 East  
14th St., Oakland.  
Contractor—J. J. Groden, 1520 Mor-  
ton St., Alameda.  
Architect—Not Given. \$5,000

DWELLING  
(879) 1947 TIFFIN RD., OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—Henry Nelson,  
1039 Cherry Way, Hayward.  
Architect—Not Given. \$3,750

DWELLING  
(880) 1937 TIFFIN RD., OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—Henry Nelson,  
1039 Cherry Way, Hayward.  
Architect—Not Given. \$3,500

DWELLING  
(881) 3504 PROCTOR AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—R. Quigley, 760 Longridge  
Road, Oakland.  
Contractor—Gaubert Brothers, 4755  
Brookdale Ave., Oakland.  
Architect—Not Given. \$4,800  
Also 1-story garage, \$350.

ALTERATIONS  
(882) 772 LANDVALE AVE., OAK-  
LAND. Alterations and repairs.  
Owner and Contractor—P. G. Stec-  
cone, 369 38th St., Oakland.  
Architect—R. H. Cooley, 354 Hobart  
St., Oakland. \$2,500

ADDITIONS  
(883) 2064 LOS ANGELES, BER-  
KELEY. Additions.  
Owner—North Bay Community Ch.,  
2064 Los Angeles.  
Contractor—F. Broadhead, 1232 Glen  
Ave., Berkeley. \$1,800  
Architect—Not Given.

DWELLING  
(884) 1 SANDRINGHAM RD., PIED-  
MONT. Two-story 9-room resi-  
dence.  
Owner—Constance Dunn, 2940 Gib-

bon St., Alameda.  
 Contractor—Louis C. Dunn, Inc., Mo-  
 nadnock Bldg., San Francisco.  
 Architect—Irwin N. Johnson, \$18,000

**FOUNDRY**  
 (855) 4101 ADELIN ST., OAK-  
 LAND. Two-story foundry.  
 Owner—Apex Bronze Foundry.  
 Contractor—Wilbur C. Cone, 608 16th  
 St., Oakland.  
 Architect—Not Given. \$2,500

**DWELLING**  
 (886) 3301 14th AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner and Builder—A. T. Beckett,  
 224 Scenic Avenue.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (887) 2582 EL CAMINITO, OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner and Builder—C. H. Burnett,  
 865 32nd St., Oakland.  
 Architect—Not Given. \$5,000

**ALTERATIONS**  
 (888) 501 FIFTH AVE., OAKLAND.  
 Alterations.  
 Owner and Contractor—City of Oak-  
 land, City Hall.  
 Architect—Not Given. \$6,000

**ALTERATIONS**  
 (889) 550 VALLE VISTA AVENUE,  
 OAKLAND. Alterations.  
 Owner and Contractor—J. L. Glide,  
 550 Valle Vista Ave.  
 Architect—Not Given. \$2,850

**DWELLING**  
 (890) 4224 DETROIT AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—L. L. Nickelson, 3812 San  
 Juan St., Oakland.  
 Contractor—C. Tollefsen, 1755 High  
 St., Oakland.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (891) 5656 MAXWELTON Avenue,  
 OAKLAND. One-story five-room  
 dwelling.  
 Owner—Roderick Peterson.  
 Contractor—D. W. Nicholson, 550  
 Blossom Way, Oakland.  
 Architect—W. R. Yelland, Financial  
 Center Bldg., Oakland. \$5,000

**ADDITION**  
 (892) 614 WEBSTER ST. OAKLAND.  
 Two-story brick addition.  
 Owner—The Salvation Army, Sixth  
 and Webster Streets.  
 Contractor—The John J. Moore Co.,  
 354 Hobart Street.  
 Architect—D. D. Stone, 381 Bush St.,  
 San Francisco. \$15,000

**DWELLING**  
 (893) 2648 REGENT ST., BERKE-  
 LEY. One-story 3-room frame  
 dwelling.  
 Owner—A. H. Detels, 2631 Dana St.  
 Contractor—Fox Bros., 1478 University  
 Ave.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (894) 1880 TRESTLE GLEN, PIED-  
 MONT. Two-story eight-room  
 and ceiling and garage.  
 Owner and Builder—S. M. Shapero,  
 2581 Virginia St., Berkeley.  
 Architect—G. B. Anthony. \$15,000

**ADDITION**  
 (895) 5866 HARBORD DR., OAK-  
 LAND. Addition.  
 Owner and Contractor—D. G. Taylor,  
 5866 Harbord Drive.  
 Architect—Not Given. \$2,000

**DWELLING**  
 (896) 755 NELSON, BERKELEY.  
 One-story 6-room frame dwell-  
 ing and garage.  
 Owner & Builder—P. H. Kilman, 3069

Telegraph.  
 Architect—Not Given. \$1750

**DWELLING**  
 (897) 5500 PROCTOR AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—Barrett C. Cole, 3928 Clarke  
 Street.  
 Contractor—J. Frank McCorkle, 832  
 Erie St.  
 Architect—Not Given. \$6,000

**DWELLING**  
 (898) 3457 MADRONE AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—Home Loan Security Co.,  
 1447 Franklin St.  
 Contractor—Walter N. Gabriel, 1147  
 Franklin St.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (899) 2017 WARNER AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner & Builder—O. W. Johnson,  
 3721 Young Ave.  
 Architect—Not Given. \$3340  
 Also 1-story frame garage, \$200.

**DWELLING**  
 (900) 2431 55TH AVE., OAKLAND.  
 One-story 6-room dwelling.  
 Owner & Builder—Mark Jurich, 1552  
 7th St., Oakland.  
 Architect—Not Given. \$3800

**RESIDENCE**  
 (901) S S DRAKE DR., OPP. ASIL-  
 OMAR, LOT 141, MONTCLAIR  
 HIGHLANDS, OAKLAND. 2-  
 story 6-room residence.  
 Owner—C. Larsen, Oakland.  
 Contractor—J. R. Armstrong, 1131  
 Fleet Road.  
 Architect—Williams & Wastell, Oak-  
 land. \$6800

**DWELLING**  
 (902) 4246 LINCOLN AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner & Builder—Wm. J. Leader,  
 2118 E. 21st St.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (903) 3328 OUTLOOK AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—C. R. Fisher, 6127 Foothill  
 Blvd.  
 Contractor—Elmer Johnson, 450  
 Oakes Blvd., San Leandro.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (904) 1415 ACTON, BERKELEY.  
 Two-story 5-room frame dwell-  
 ing and garage.  
 Owner—Ralph H. Kercher, 1368 Hop-  
 kins  
 Contractor—J. E. Bigelow & Son, 150  
 Arnone Rd.  
 Architect—Not Given. \$4250

**STORE**  
 (904) 3306 LAKESHORE AVENUE,  
 OAKLAND. One-story 3-room  
 brick and concrete store.  
 Owner—C. M. Hill, Frem.  
 Contractor—E. Campomono, 6101  
 Broadway Terrace  
 Architect—Miller & Warnecke, Fi-  
 nancial Center Bldg. \$13,700

**SHOP BUILDING**  
 (905) 1207 MYRTLE ST., OAK-  
 LAND. Two-story 4-room con-  
 crete shop building  
 Owner—Oakland High School Dis-  
 trict, 1025 2nd Ave.  
 Contractor—S. G. Johnson, 4652 Do-  
 lores Ave.  
 Architect—W. G. Corlett, Bank of  
 America Bldg. \$58,879

**STEEL TANK & TOWER**

(906) 4000 ALAMEDA AVE., OAK-  
 LAND. Steel tank and tower.  
 Owner—Owens-Illinois Pacific Coast  
 Co., Frem.

Contractor—Pittsburg Des Moines  
 Steel Co., 629 Rialto Bldg., San  
 Francisco.  
 Architect—Not Given. \$5249

**ALTERATIONS**  
 (907) 504 FOREST ST., OAKLAND.  
 Alterations.  
 Owner & Builder—J. W. Shackelton,  
 5006 Taft Ave.  
 Architect—Not Given. \$1300

**DWELLING**  
 (908) 65 STEVENSON ST., BERKE-  
 LEY. Two-story 5-room frame  
 dwelling and garage.  
 Owner—J. E. Carbone, Jr., 1015 Eu-  
 chid Ave., Berkeley.  
 Contractor—Whalin Bros., 2942 23rd  
 Avenue, Oakland.  
 Architect—C. Burrell, 1440 Webster  
 St., Oakland. \$5,200

**ALTERATIONS**  
 (909) 2520 EIGHTH ST., BERKE-  
 LEY. Alterations.  
 Owner—Cutter Laboratory, 2520 8th  
 St., Berkeley.  
 Contractor—Crown Roofing Co., 1911  
 E 12th St., Oakland.  
 Architect—Not Given. \$1,300

**DWELLING**  
 (910) 2802 WEBSTER ST., BERKE-  
 LEY. One-story 4-room frame  
 dwelling and garage.  
 Owner and Builder—Mrs. B. Rosen-  
 thal, 2802 Webster Street.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (911) 2509 DWIGHT WAY, BER-  
 KELEY. One-story 6-room dwell-  
 ing and garage.  
 Owner and Builder—Mrs. J. W. Wil-  
 liams, 2215 Dwight Way.  
 Architect—Not Given. \$4,400

**ADDITION**  
 (912) 3649 E 16th ST., OAKLAND.  
 Addition to dwelling.  
 Owner and Contractor—Mary C.  
 Deering, 3649 E 16th St., Oak-  
 land.  
 Architect—Not Given. \$2750

**ADDITION**  
 (913) 6126 SALEM, OAKLAND. Ad-  
 dition and alterations.  
 Owner—Lucia F. Degotte, 6430 Sa-  
 lem, Oakland.  
 Contractor—Jack Reno, 1779 10th St.,  
 Oakland.  
 Architect—Not Given. \$1290

**ADDITION**  
 (914) 1429 CENTER ST., OAKLAND.  
 Tile addition.  
 Owner—M. Frakia, 1419 Center St.,  
 Oakland.  
 Contractor—K. Rubenstein and Sons,  
 668 6th St., Oakland.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (915) 3065 MOUNTAIN BLVD., OAK-  
 LAND. Alterations and addition.  
 Owner—J. Freuler, 2946 Russell St.,  
 Berkeley.  
 Contractor—J. F. Whitehouse, 558  
 Vernon St., Oakland.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (916) 35 TAURUS AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Phil Heraty, 488 Faubanks  
 Ave., Oakland.  
 Contractor—H. K. Jensen, 2757 Raw-  
 son St., Oakland.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (917) 27 TAURUS AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Phil Heraty, 488 Faubanks  
 Ave., Oakland.

Contractor—H. K. Jensen, 2757 Rawson St., Oakland.  
Architect—Not Given. \$3,600  
Also 1-story garage, \$100.

**DWELLING**  
(918) 8114 UTAH ST., OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—Frank R. Hill, 215 Fruitvale Ave., Oakland.  
Architect—Not Given. \$3,500

**DWELLING**  
(910) 6530 GWIN ROAD, OAKLAND.  
One-story 4-room dwelling.  
Owner and Builder—V. F. Lagues, 3066½ Richmond Blvd., Oakland.  
Architect—Not Given. \$3,500

**ALTERATIONS**  
(920) 5200 E TENTH ST., OAKLAND. Alteration and addition.  
Owner—M. Monnell.  
Contractor—M. Ghiselli, 1312 Fountain St., Alameda.  
Architect—Not Given. \$1,800

**DWELLING**  
(921) 866 PROSPECT AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Lyo! Nickals, 284 14th St., Oakland.  
Contractor—Jack Reno, 1779 10th St., Oakland.  
Architect—Not Given. \$3,600

**DWELLING**  
(922) W HARBOR DR., Lot A Tet 506, OAKLAND. One-story six-room dwelling.  
Owner and Builder—A. J. Pollard, 77 Plaza Drive, Berkeley.  
Architect—Not Given. \$4,750

**ALTERATIONS**  
(923) 575 WELDON AVE., OAKLAND. Alteration and addition.  
Owner—J. A. Sullivan.  
Contractor—Hagen & Herndon, 4148 Bayo St., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(924) 72 SONIA ST., OAKLAND.  
One-story 6-room dwelling.  
Owner—A. W. Thomas, 1228 Holman Road, Oakland.  
Contractor—Elmer J. Freethy, 1301 Roosevelt Ave., Richmond.  
Architect—Not Given. \$6,500

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Am't.
96 P T & T	Dinwiddie	1910
97 P T & T	Quandt	667
98 Roman Catholic	Scott	3858
99 Atkinson	Anderson	7806
100 McCarthy	Duerner	3981
101 S P Co	Soule	1450
102 Cranston	Milla	1450
No. Owner	Contractor	Am't.
103 Fedeli	Meinberger	5800
104 Levitt	Grant	13,728.26

**ALTERATIONS**  
(96) 140 NEW MONTGOMERY ST.  
Miscellaneous alterations in telephone building at above location.  
Owner—Pacific Telephone & Telegraph Co.  
Contractor—Dinwiddie Constr. Co.  
Filed May 13, '37. Dated May 10, '37.  
75% on completion; balance 40 da. later.

**TOTAL COST, \$1,910**  
Bond, \$1910. Surety, Pacific Indemnity Co. Limit, 12 working days.  
Plans and specifications filed.

**MISC. PAINTING**  
(97) 445 BUSH. Misc. painting work on fifth floor of building at above location.  
Owner—Pacific Telephone & Telegraph Co.

Contractor—A. Quandt & Sons.  
Filed May 13, '37. Dated May 10, '37.  
75% on completion; balance 40 da. later.

**TOTAL COST, \$667.00**  
Bond, \$667. Surety, Pacific Indemnity Co. Limit, 12 working days.  
Specifications filed.

**HEATING SYSTEM**  
(98) ADJ E 24th AVE. 102 N Geary St. School addition heating system.  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin.  
Architect—Geo. E. Atkins and Arnold Constable.  
Contractor—Scott Company.  
Filed, May 13, '37. Dated, May 3, '37.  
10th of each month.....75%  
Usual 35 days.....25%

**TOTAL COST, \$3,858.00**  
Limit, 125 days. Plans and Specifications filed.

**DWELLING**  
(99) W 26th AVE. 100 S Taraval St. Two-story and basement frame dwelling.  
Owner—Dr. and Mrs. Jos. F. Atkinson.  
Architect—Not Given.

Contractor—N. W. Anderson.  
Filed, May 14, '37. Dated, May 12, '37.  
Down payment.....\$1306  
Roof on.....1625  
Brown coated.....1625  
Completed.....1625  
Usual 35 days.....1625

**TOTAL COST, \$7,806**  
Limit, 90 days. Plans and specifications filed.

**DWELLING**  
(100) E PLYMOUTH AVE. 75 N. Lakeview Ave. One-story and basement frame dwelling.  
Owner—The McCarthy Co.  
Architect—Not Given.  
Contractor—Will Duerner as Aetna Construction Company.  
Filed, May 14, '37. Dated, May 12, '37.  
Frame up.....25%  
Brown coated.....25%  
Completion.....25%  
Usual 35 days.....25%

**TOTAL COST, \$3,981**  
Limit, 90 days. Plans and specifications filed.

**TRUCKING TABLES**  
(101) FIFTH and Berry Sts. Two disappearing trucking tables.  
Owner—Southern Pacific Company.  
Architect—Not Given.

Contractor—Soule Steel Company.  
Filed, May 14, '37. Dated, Apr. 22, '37.  
Payments and total cost not given.  
Limit, 60 days.

**ALTERATIONS**  
(102) SE COR. POST AND MASON STS. Alter stores.  
Owner—Wm. Cranston, Inc., 325 University Ave., Palo Alto.  
Architect—William I. Garren.  
Contractor—Mills Constr. Co., Russ Bldg.  
Filed May 15, '37. Dated Apr. 21, '37.  
In advance.....\$500  
Completion.....900  
Usual 35 days.....450

**TOTAL COST, \$1,450**  
Bond, \$1,450. Surety, U. S. Fidelity & Guaranty Co. Limit, 50 days.  
Plans and specifications filed.

**RESIDENCE**  
(103) LOT 38, BLOCK 365. One-story frame residence, and garage.  
Owner—Nicholas Fedeli.  
Contractor—H. S. Meinberger.  
Filed May 18, '37. Dated May 18, '37.  
Rough frame up.....\$1450  
First coat plaster.....1450  
Completion.....1450  
Usual 35 days.....1450

**TOTAL COST, \$5800.00**

Limit, 120 days. Plans and specifications filed.

**DWELLING**  
(104) S. WASHINGTON, 166.6 W OF MAPLE ST. Two-story and basement frame dwelling, garage.  
Owner—Bert W. and Thelma C. Levitt.  
Architect—Farr & Ward.  
Contractor—Grant-Martinelli Constr. Co.

Filed May 19, '37. Dated May 14, '37.  
75% usual 35 days.

**TOTAL COST, \$13,728.26**  
Bond, \$13,728.26. Surety, U. S. Guaranty Co. Limit, 120 days. Plans and specifications filed.

**ALAMEDA COUNTY**

No. Owner	Contractor	Am't.
55 Renz	Walstrom	19000
56 Syndicate	Fitzmaurice	3359
57 Salvation	Moore	14428
58 Hill	Campomenost	13689
59 Church	Henderson	10451

**RESIDENCE**  
(55) PDE. LOT 23, CROCKER TERRACE, PIEDMONT. Frame residence.  
Owner—Kenneth Renz.  
Architect—Albert Farr, J. Francis Ward, 48 Post St., San Francisco.

Contractor—Carl Walstrom.  
Filed May 13, '37. Dated May 12, '37.  
75% labor and material, 1st day of each month.....75%  
Usual 35 days.....25%

**TOTAL COST, \$13,000.00**  
Limit, 100 days. Plans and specifications filed.

**STEPS & RAMP S**  
(56) MONTCLAIR Highlands, Oakland. Steps and ramps for Montclair Highlands Extension.  
Owner—Syndicate Merriewood Co., Ltd.  
Architect—E. G. Bangs, 580 Market St., San Francisco.

Contractor—J. H. Fitzmaurice, 2857 Hannah St., Oakland.  
Filed, May 17, '37. Dated, May 14, '37.  
Fifth day of each month.....75%  
Usual 35 days.....25%

**TOTAL COST, \$3,339.00**  
Forfeit, \$10 per day. Limit, Aug. 14, 1937. Plans and specifications filed.

**ADDITION**  
(57) NW COR. SIXTH and Webster Sts., Oakland. Brick Class C addition to present bldg.  
Owner—The Salvation Army.  
Architect—D. J. Moore, San Francisco.

Contractor—J. J. Stone Company.  
Filed, May 17, '37. Dated, May 11, '37.  
Structural steel erected.....25%  
Brown coated.....25%  
Completion.....25%  
Usual 35 days.....25%

**TOTAL COST, \$14,428.00**  
Bond, \$14,428.00. Sureties, Central Surety & Insurance Corp. Forfeit, \$1 per day. Limit, 60 days. Plans and specifications filed.

**STORE BLDG.**  
(58) LOT 43, Lakeshore Park Hgts., Oakland. One-story reinforced concrete store building.  
Owner—Clarence M. Hill.  
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.  
Contractor—E. S. Campomenost.

Filed and Dated, May 17, 1937.  
Forms built.....\$3388  
Roof in place.....3388  
Completion.....3388  
Usual 35 days.....3388  
1 year from completion.....127

**TOTAL COST, \$13,689.00**  
Bond, \$13,689. Sureties, Fidelity and Deposit. Limit, 90 days. Plans and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants                  |
| 2.—Bonds                        | 12.—Power Plants                                 |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses     | 14.—Residences                                   |
| 5.—Flats                        | 15.—Schools                                      |
| 6.—Garages and Service Stations | 16.—Banks, Stores and                            |
| 7.—Federal Buildings            | 17.—Theatres                                     |
| 8.—Club Buildings               | 18.—Wharves & Docks                              |
| 9.—Hospitals                    | 19.—Misc. Const.                                 |
| 10.—Hotels                      | 20.—Misc. Supplies &                             |

## 1.—APARTMENTS

### CONTRACT AWARDED

LOS ANGELES CO., Calif.—L. H. Pickens Co., 242 S. Beverly Drive, Beverly Hills, will build a 3-story and basement, 96-room, 19-unit apt. building at 149 S. Rodeo Dr., Beverly Hills, for Landpick Corp.; reinforced concrete basement garage, frame and stucco superstructure, shingle and composition roof, steel sash, wrought iron rails, stone tile work, basement sprinkler system, air conditioning, gas water heaters, tile and linoleum floors, brick fireplaces; cost, \$175,000.

### Plans Completed

ALTER APTS. Cost, \$10,000  
SAN FRANCISCO. 1450 Green St.  
Alter apartment building.  
Owner—James Sahadere.  
Architect—Hyman & Appleton, 68 Post St.

### PERMIT APPLIED FOR

BEVERLY HILLS, Los Angeles Co., Calif.—John M. & Thos. R. Cooper, architect and engineer, 6241 West 6th St., Los Angeles, applied for a building permit for the construction of a 12-story and basement, 330-rm. 105-unit apartment building at 124 S. Linden Dr., Beverly Hills, for the George Pepperline Foundation. Cost, \$560,000.

### Preparing Plans

APARTMENTS AND STORES  
Estimated Cost, \$30,000  
SAN FRANCISCO, 18th St. near Guerrero St.

Three-story apartment building to contain eight apts. (six 2's and two 3's) several stores and garage, first floor to be brick and stucco construction, steam heating system, hardwood floors, tile baths, etc.

Owner—Name withheld.  
Architect—C. O. Clausen, 746 46th Avenue.

Upon completion of plans general bids will be asked.

### To Be Done By Day's Work

APARTMENTS Cost, \$10,500  
SAN MATEO, San Mateo Co., Cal.  
Lot 71, Hobart Street.

### Apartment building.

Owner and Builder—R. G. Rose, 1104 S. El Camino Real, San Mateo.  
Architect—Not Given.

### Preparing Preliminary Plans

DUPELX APARTMENT COURT

Cost, \$50,000  
OAKLAND, Alameda Co., Cal. Park Blvd.

Two-story frame and stucco duplex court apartments, consisting of six 5-room units.

Owner—Name Withheld.  
Architect—Chas. W. McCall, 1044 Franklin St., Oakland.

## 3.—CHURCHES

### To Be Done By Day's Labor

AUDITORIUM Cost, \$30,000  
COALINGA, Fresno Co., Calif. Fifth and Hawthorne Streets.

One-story stucco church auditorium (66x70 ft.), main auditorium to seat 300, with adjoining room separated by sliding partitions to seat an additional 200; air-conditioning system.

Owner—First Baptist Church of Coalinga.

Architect—W. D. Costes, Rowell Bldg., Fresno.  
Supt. of Construction—F. L. Good, Coalinga.

Plans Being Figured — To Close May 26, 10 A. M.

CHURCH Cost, \$ ...  
NOVATO, Marin Co., Calif. Second St. and Grant Ave.

New Our Lady of Loretto Church.

Owner—Roman Catholic Archbishop, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Bids will be opened in the Archbishop's office.  
Louis Bormolini, 6th St., Novato, is figuring plans and desires sub bids on all portions of the work from San Francisco contractors.

### Sub-Contracts Awarded

CHURCH Cost, \$51,000  
SAN FRANCISCO. Octavia and Pine Streets.

Three-story frame church (wood exterior).

Owner—Buddhist Mission of North America.

Plans by G. G. Shimamoto, 1534 Geary Street.

Structural Engineer—C. J. Sly, 251 Army St.

Contractor—De Luca & Son, Inc. 1745 Filbert Street.

Roofing—Malott and Peterson, 2412 Harrison Street.

Plumbing—F. W. Spencer & Co., 1529 Anza Street.

Electric Wiring—Central Elec. Co., 179 Minna St.

Sheet Metal—Sheet Metal Service, 213 Octavia St.

Tile Work—Granada Tile Co., 1555 Page Street.

Iron Grille Work—F. Kern & Sons, 517 Sixth Street.

Grading—Devenenzi & Haskins, 440 Anza Street.

Painting—W. G. Thompson, 336 Church Street.

Lathing and Plastering—Jas. Pratt, 147 Tenth St.

All of San Francisco.

As previously reported, Judson-Pacific Co., 609 Mission St., awarded contract for structural steel, and S. R. Ataki, Hostetter Road, San Jose, awarded wrecking contract.

### Preparing Working Drawings

CHURCH PULPIT Est. Cost, \$4,000  
SAN FRANCISCO. Mission St. near Fourth St.

New marble pulpit for St. Patrick's Church.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street.

Architect—Arnold Constable, 580 Market Street.

### Contract Awarded

ALTER CHURCH Cost, \$6,000  
SAN FRANCISCO. NW. Cor. First Ave. and Lake Street.

Alter church.

Owner—Congregation Emanuel.  
Architect—M. Goodman, 2163 Center St., Oakland.

Engineer—James Smith, 251 Kearny Street.

Contractor—Barrett & Hulp, 918 Harrison Street.

## 4.—FACTORIES & WAREHOUSES

### Sub Contracts Awarded

DAIRY BLDG. Cost, \$75,000  
MANTECA, San Joaquin Co., Calif.  
Oak Street.

One-story steel frame dairy building (85x155 ft.), brick walls, wood roof construction.

Owner—Kraft-Phenix Cheese Co. Plans by Engineering Department of Owner.

Contractor—Cahill Bros., 206 Sansome Street, San Francisco.

Painting—A. E. Gordon Painting Co., 141 Morris Street.

Finish Hardware—Diamond Match Co., Chico.

Sub contracts awarded to date published April 5, April 26, and May 4

### CONTRACT AWARDED

LOS ANGELES, Calif.—Ford J. Twaits Co., 816 W. 5th St., awarded contract for construction of a Class A warehouse and office building on Vignes St., bet. Banning and Turner Sts., for General Electric Co. All work is included in general contract except electric wiring and fixtures, for which bids will be taken by the architect later. Building will be 3 stories and basement, 215x161 ft., de-

concrete construction, electric heating, signed to carry 6 stories; reinforced steel rolling doors, hollow metal fire doors, exposed concrete with brush coat exterior, composition roof, interior tile, steel toilet partitions, steel stairs, vent system, electric heating, 2 freight and 1 passenger elevators. Cost, \$400,000. A. C. Martin, architect, 233 Higgins Bldg.; Paul Jeffers, structural engineer, 816 W. 5th St.; E. L. Ellingwood, mech engr., H. W. Hellman Bldg.

Plans Being Figured — Bids Close May 25, 5 P. M.

HANGARS Cost, \$ ...  
SACRAMENTO, Sacramento Co., Cal. Municipal Airport.

Two corrugated iron hangars buildings (each 150x32 ft.), with space for 4 planes and 6 garages; metal roof, concrete floors, steel trusses, windows and doors; corrugated iron exterior.

Owner—Widows & Orphans Aid Association, Sacramento Police Department.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bids will be opened in the office of City Manager James S. Dean, City Hall.

Bids will be taken as follows:

- (1) Construction complete, two hangars buildings;
- (2) Add for painting exterior.

### LOW BIDDER

SAN FRANCISCO, Los Angeles Co., Cal.—Atlas Const. Co., 39 Congress St., Pasadena, submitted apparent low bid for new raw stock and receiving building, 60x375 ft., to be built at 3000 Ocean Park Blvd., Santa Monica, for Douglas Aircraft Co. Work also includes steel frame mezzanine, 25x300 ft., to be installed in existing building, Edward C. and E. W. Taylor, 803 W. 3rd St., Los Angeles, architects and engineers.

**CONTRACT AWARDED**

COMPTON, Los Angeles Co., Calif. —Latsteel Corp., 3110 E. Foothill Blvd., Pasadena, has contract for erecting factory building on Alameda St., Compton, for Pacific Wire Products Co., 1965 E. 10th St., Los Angeles. It will be a structural steel building with floor area of 25,000 sq. ft.

**Sub Contracts Awarded**

**BUILDING** Cost, \$125,000  
SAN FRANCISCO. Tenth and Bryant Streets.

Two - story and basement reinforced conc. hotting and casing plant. Owner—San Francisco Brewing Co., Tenth and Bryant Streets. Engineer—W. E. Murray, 908 Hayes Contractor—Cahill Bros., 206 Sansome Street.

Roofing—Alta Roofing Co., 976 Indiana Street.  
Sheet Metal—Fire Protection Products Co., 1101 16th St.  
Painting—A. E. Gordon, 141 Morris Street.

Complete sub-contracts awarded to date published Jan. 14, Feb. 25, Mar. 1, Mar. 23, and April 23.

**Sub Contracts Awarded**

**FACTORY ADDITION** Cost, \$50,000  
SAN FRANCISCO. Calif. 17th and Rhode Island Sts.

Reinforced concrete addition to can factory (86 x 200 feet), elevator, spiral chutes, etc. Owner—Western Can Company. Architect—Eng. Leland S. Rosener, 233 Sansome St.  
Contractor—Barrett & Hilp, 918 Harrison Street.

Ready-mix Concrete—Ready-mix Concrete Co., Ltd., Carolina and Mariposa Streets.

Reinforcing Steel—Gunn Carle & Co., 29 Potrero Ave.

**To Be Done By Day's Work**

**ALTER FACTORY** Cost, \$10,000  
SAN FRANCISCO. N. Natoma St., 160 ft. E. of Hattie St.

Alter factory. Owner—E. F. Hillman, 216 11th St. Architect—Chas. F. Strothoff, 2274 15th St. Engineer—V. Parsons.

**Sub Contract Awarded**

**FACTORY** Cost, \$  
SAN FRANCISCO. SE Bayshore & San Bruno Avenue.

One - story Class C addition to existing factory building (concrete foundations, brick walls, steel sash, steel frame, composition roof, etc. Owner—Schlage Lock Co., 20 Blanka Street.

Engineer—W. Adrian, 417 Market St. Contractor — Cahill Bros., 206 Sansome Street.

Mill Work—Eureka Sash Door and Moulding Mills, 1713 Mission St.

Sub contracts awarded to date published Mar. 30, Apr. 14, and Apr. 23.

**5— FLATS****Sub Bids Wanted**

**ALTER FLATS** Cost, \$5,000  
SAN FRANCISCO. 2113 Washington Street.

Alter flats. Owner—Name Withheld. Mgr. of construction—Cyril Doane, 769 Russ Bldg.

Sub bids are now being received on the job for plumbing, heating, lumber, lighting fixtures, electric wiring, and hardwood floors.

**Plans Being Figured — To Close** May 24, 5 P. M.

**FLATS** Estimated Cost, \$15,000  
SAN FRANCISCO. Corbett Avenue and Argent St.

Two-story frame and stucco flat

building containing two six-room flats, sunroom on roof, wood sash, hardwood floors, tile baths, composition roof, etc.

Owner—H. Wilson, care Architect. Architect—Walter C. Faich, Hearst Bldg., San Francisco.

Plans are being figured by a selected list of contractors.

Peter Sartorio, 777 Monadnock Bldg., is figuring plans and desires sub-bids on all portions of the work on or before May 22.

**6—GARAGES & SERVICE STATIONS****Contract Awarded**

**SERVICE STATION** Cost, \$9,600  
OAKLAND, Alameda Co., Cal. San Pablo Ave. and 21st.

Gasoline service station. Owner—Oakland Investment Co. Architect—Not Given. Contractor—V. M. Henrietta, 2929 21st Ave., Oakland.

**Planned**

**SERVICE STATION** Cost, \$  
SAN JOSE, Santa Clara Co., Calif. Fourth Street and San Fernando.

New gasoline service station. Owner—Shell Oil Co., 100 Bush St., San Francisco.

Plans by Engineering Dept. of Owner

**Contract Awarded**

**SERVICE STATION** Cost, \$14,000  
SAN FRANCISCO. SE Cor. Tenth and Bryant Streets, Calif.

New steel gasoline service station. Owner—Associated Oil Company, 79 New Montgomery Street.

Architect—Vincent G. Rainey, 233 Post Street.

Contractor—Fred J. Early, Jr., 369 Pine Street.

Wrecking contract let to Symon Bros., 1435 Market St., and contract for steel work let to Michel & Jeffrey Iron Works, 10th and Harrison.

**Architects Appointed**

**GARAGE** Est. Cost, \$35,000  
OAKLAND, Alameda Co., Calif. 13th St. bet. Madison and Jackson.

New county garage bldg. (150x100). Owner—County of Alameda.

Architects—Henry A. Minton, Underwood Bldg., San Francisco, and Carl Werner, 1303 Bay St., Alameda.

May 19, 1937

**Contract Awarded**

**ALTERATIONS** Cost, \$  
SAN FRANCISCO. Columbus Ave. and Filbert Street.

Improve present service station. Owner—Standard Oil Company.

Plans by Engineering Department of Owner.

Contractor—Grant - Martinelli Const. Co., 41 Mary Street.

Steel contract awarded Independent Iron Works, 821 Pine St., Oakland.

**7— FEDERAL BUILDINGS****Sub-Contracts Awarded**

**POST OFFICE** Cont. Price, \$67,760  
VACAVILLE, Solano Co., Calif. New U. S. Post Office.

Plans by the Supervising Architect - Treasurer, Department, Washington, D. C.

Contractor—K. E. Parker Co., 135 South Park, San Francisco.

Structural Steel—Bethlehem Steel Co., Alameda.

Reinforcing Steel—Kyle & Co., 346 G St., Fresno.

Miscellaneous and Ornamental Iron—Armke Iron Works, 750 Brannan St., San Francisco.

Plumbing and Heating—Nicholson & Son, Main St. Vacaville.

Sheet Metal—Morrison & Co., 74 Du-boce Ave., San Francisco.

**BIDS WANTED**

**ALCATRAZ ISLAND.**—Until June 8, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Bid No. P1-219, for furnishing and installing laundry machinery and equipment at the U. S. Penitentiary, Alcatraz Island.

Bids may be mailed to the Warden, U. S. Penitentiary, Alcatraz, or deposited at Room 407, Post Office Bldg., San Francisco, where they will be opened.

Specifications obtainable from the above offices.

**BIDS WANTED**

**SAN FRANCISCO.**—Until June 16, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for metal shelving, truck, etc., in the U. S. Mint at San Francisco.

Specifications may be obtained from the above office and from the Custodian of the Building at San Francisco.

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until June 22, 11:00 A. M., as previously reported, bids will be received by the Eleventh Naval District, Foot of Broadway, San Diego, (Public Works Department) for one Barracks Bldg. and one combined Mess Hall-Galley-Barracks Bldg. and Services, at the Naval Operating Base (Air Station), San Diego, under Specification 7985. Estimated cost, \$60,000.

Work includes concrete construction; stucco work; steel windows; pressed steel doors; steel rolling mill; metal lath and plaster; roofing and sheet metal; carpentry; tile work; terrazzo; painting; glazing and electrical, drainage, plumbing and heating systems. Refrigeration, mess hall, galley, scullery and bakery equipment not included under this specification.

Plans and specifications may be obtained from the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C., or from the Public Works Officer, Naval Operating Base, foot of Broadway, San Diego, upon deposit of \$70, check or postal money order, made payable to the Chief of the Bureau of Yards & Docks.

**BIDS WANTED**

**ALCATRAZ ISLAND, Cal.**—Until June 8, 2 P. M., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for furnishing and installing an automatic sprinkler system, new system of fire service piping, moving fire pump and installing cold water meters at the U. S. Penitentiary, Alcatraz, under Spec. No. 47, Invitation No. 986. Work is itemized as follows:

(1) Installation of automatic sprinklers in Buildings 64, 68, 67, 82, 84 and 79.

(2) Installation of new system of fire service piping from dock to Bldg. 68 and to west end of Island with connections for fireboat, hydrants and standpipes provided.

(3) Move the present 1000-gpm. fire pump from pump house to a site in power plant above, and build necessary connections from pump to fresh water storage.

(4) Installation of one 6-inch cold water meter in 8-inch fresh water line at west end of dock (Government will furnish only the meter (National) and reducing companion flanges for both ends, and installation of one 4-inch cold water meter (National) and one 3-inch hot water meter (Hershey) in Laundry under Spec. 67 (Government will furnish only the meters and companion flanges both ends faced and drilled for bolts.)



Specifications obtainable from the above office and bids will be opened in Room 407, Post Office Bldg., San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz.

**BIDS WANTED**

**HOLLISTER, San Benito Co., Cal.**—Bids are now being received by the Custodian of the Building, U. S. Post Office, Hollister, for a lawn sprinkler system. No bid opening date has yet been set.

**BIDS OPENED**

**SALINAS, Monterey Co., Calif.**—Ceco Weatherstrip & Screen Products, Chicago, Ill., at \$920, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Salinas.

Complete bids follow:  
Ceco Weatherstrip & Screen Products, Chicago, .....\$920  
Robbins Mfg. Co., Chicago, .....988  
Chamberlin Metal Weather Strip Co., Detroit, .....1,063

**BIDS OPENED**

**FORT MASON, Cal.**—F. J. Reilly Co., 6350 Fulton St., at \$1,781 submitted low bid to the Constructing Quartermaster, Fort Mason, under Bid No. W 6618-37-100, for repairs to floors at 28 door openings on Pier Shed No. 3, Fort Mason.

Bids were taken as follows:  
(1) Work complete;  
(2) Deduct, if necessary compressed air at 90 lbs. pressure is furnished by the Government without cost to the contractor.  
Complete bids follow:  
Frank J. Reilly Co., San Francisco (1) \$1,781; (2) \$50.  
DeLuca & Son, San Francisco: (1) \$2,740; (2) \$150.  
Martin Murphy, Berkeley: (1) \$3,440; (2) \$100.

May 19, 1937.

**BIDS WANTED**

**SALEM, Oregon.**—Bids are now being received by the Construction Engineer, U. S. Post Office, Salem, for construction work. No bid opening date has yet been set.

May 19, 1937

**BID OPENING DATE POSTPONED UNTIL JUNE 8**

**SAN FRANCISCO.**—Until June 8 (postponed from May 18) bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.  
(2968) 1st report April 13, 1937. 7

**CONTRACT AWARDED**

**HONOLULU, T. H.** John Hanes, 753 Ala Moana Road, Honolulu, at \$12,350, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for extension to mailing platform, etc., of the U. S. post office, court house and custom house at Honolulu.

**CONTRACT AWARDED**

**SAN RAFAEL, Marin Co., Calif.**—The Robbins Mfg. Co., Chicago, at \$728, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. post office at San Rafael.

**BIDS WANTED**

**POINT ARGUELLA, Santa Barbara Co., Cal.**—Until June 10, bids will be received by the U. S. Coast

Guard, Washington, D. C., for a boat house, 46x62 ft. and a marine launchway, 308 ft. in length, to be built on Point Arguella, Santa Barbara Co. Work will involve concrete filled steel piers, treated timber cribswork and timber trackways and stairs.

**CONTRACT AWARDED**

**HAYWARD, Alameda Co., Calif.**—D. E. Crowley Flooring Co., 123 Kansas Street, San Francisco, at \$319.75, awarded contract by the Procurement Division, Public Bldg. Branch, Washington, D. C., for asphalt composition tile flooring in the basement of the U. S. Post Office at Hayward.

**BIDS OPENED**

**FRESNO, Cal., Calif.**—As previously reported, Trewitt-Shields & Fisher, 1501 Pacific Southwest Building, Fresno, at \$63,650, submitted basic low bid to the Department of the Interior, Washington, D. C., for constructing hospital and accessory buildings at Wishlah Sanatorium, Sacramento Agency, under F.P. 561. Project located near Aubrey in Fresno County. Bids were received with three alternates, all deductions.

Complete bids follow:  
Trewitt-Shields & Fisher, Fresno .....\$63,650  
.....(a) 3,600  
.....(b) 6,600  
.....(c) 2,370  
Midstate Constr. Co., Fresno, .....68,420  
.....(a) 3,350  
.....(b) 6,350  
.....(c) 2,350  
MacDonald Constr. Co., St. Louis, Mo. ....70,117  
.....(a) 3,600  
.....(b) 6,600  
.....(c) 2,300

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Pacific Painting and Decorating Co., 5414 Telegraph Ave., Oakland, at \$567, awarded contract by the Procurement Division, Washington, D. C., for painting plaster, etc. in the Plague Laboratory (on the U. S. Marine Hospital Reservation) at San Francisco. Complete bids published May 11.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Until June 22, 11:00 a.m., bids will be received by the Eleventh Naval District, foot of Broadway, San Diego (Public Works Department), for one Barracks bldg. and one combined Mess Hall-Galley-Barracks Building and Services, at the Naval Operating Base (Air Station), San Diego, under Specification 7985.

Work includes concrete construction; stucco work; steel windows; pressed steel doors; steel rolling doors; metal lath and plaster; roofing; sheet metal; carpentry; tile work; terrazzo; painting; glazing; and electrical, drainage, plumbing and heating systems. Refrigeration, mess hall, galley, scullery and bakery equipment not included under this specification.

Plans and specifications may be obtained from the Chief of the Bureau of Yards & Docks, Navy Department, Washington, D. C., or from the Public Works Officer, Naval Operating Base, foot of Broadway, San Diego, upon deposit of \$70, check or postal money order, made payable to the Chief of the Bureau of Yards & Docks.

**BIDS WANTED**

**POINT ARGUELLA, Calif.**—Until Thursday, June 10, bids will be received by the U. S. Coast Guard, Washington, D. C., for wood frame boat house to be built on Point Arguella, Santa Barbara county.

**Plans Being Floured—**

Bids Close June 17, 2 P. M.

**UTILITIES BUILDING**

Cost, \$125,000  
**SACRAMENTO CO., Calif.** Army Air Depot, near North Sacramento.

**Chemical Storage Building.** (Spec. No. 349-E): one-story reinforced concrete building, 60 x 69 ft., built-up roof, metal windows, etc. **Paint, Oil and Dope Storage Bldg.** (Spec. No. 349-E): one-story reinforced concrete, 120 x 140 ft., metal windows, built-up roof, etc.; **Reclamation Bldg.** (Spec. No. 349-E): one-story reinforced concrete, 60 x 200 ft., metal windows, built-up roof, etc. **Standard Post Ordnance Magazine—Mild Explosives** (Spec. No. 350-E): one-story reinforced concrete, 26 x 20 feet, corrugated asbestos roof, metal windows, etc.

Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, P. O. Box 1648, Sacramento).

Plans prepared by the office of the Quartermaster General, Washington, D. C.

Bids will be taken as follows:

- (I) Lump sum. Construct and complete the Air Corps Chemical Storage Building, Paint, Oil and Dope Storage Building, Reclamation Building and Standard Post Ordnance Magazine—Mild Explosives, including utilities thereto.
- (II) Unit prices. These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted:

- (a) Earth excavation, per c.y.
- (b) Rock excavation, per c.y.
- (c) Wet excavation, per c.y.
- (d) Type A concrete, including forms, per c.y.
- (e) Type B concrete, including forms, per c.y.
- (f) Structural steel, per ton.
- (g) Reinforcing steel, per ton.
- (h) 6-in. cast iron bell spigot water pipe, per lf.
- (i) 8-in. cast iron bell spigot water pipe, per lf.
- (j) 6-in. vitrified clay pipe, per lf.

Plans and specifications obtainable from the office of Major Parker upon deposit of \$25 in the form of a certified check made payable to the Treasurer of the United States.

**BIDS OPENED**

**LIVERMORE, Alameda Co., Cal.**—As previously reported, L. Dioguardi, Route 1, Box 348, Sebastopol, at \$102,000, submitted the low basic bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for the construction of the Infirmary Ward Bldg. and Connecting Corridor at the Veterans' Administration Facility, Livermore.

Separate bids were received for general construction and elevators.

General construction bids were taken with the following alternates:  
(a) Deduct, if connecting corridor between Bldgs. No. 2 and 57, including all pipe lines and conduits therein, and alternates to Bldg. No. 2, are not included;

(b) Deduct, if all inclosure in Infirmary Ward Bldg. No. 57 is omitted and cement floor finish provided with depression to receive future insulation.

Complete bids follow:

**General Construction**  
L. Dioguardi, Sebastopol, .....\$102,000  
.....(a) 8,500  
.....(b) 1,200  
F. J. Reilly, San Francisco, \$102,380  
.....(a) 7,800

A. Nelson, Inc., S. F.	(b) 1,200
	(a) \$102,985
	(b) 10,000
	(b) 800
Central Calif. Const. Co., San Francisco	\$103,200
	(a) 10,000
	(b) 1,100
Schuler and McDonald, Inc., Oakland	\$107,000
	(a) 9,773
	(b) 1,121
L. F. Dow Co., L. A.	\$108,400
	(a) 9,900
	(b) 1,250
B. A. Howkins, S. F.	\$108,800
	(a) 10,000
	(b) 1,300
C. M. Swenson Co., San Jose	\$110,000
	(a) 9,600
	(b) 1,000
Trewhitt - Shields and Fisher, Fresno	\$110,650
	(a) 9,500
	(b) 1,100
Villadsen Bros., Inc., Oakland	\$112,000
	(a) 10,000
	(b) 1,000
Earl W. Heple, San Jose	\$115,000
	(a) 6,000
	(b) 1,500
<b>Elevators</b>	
Earl W. Heple, San Jose	\$3,000
Otis Elevator Co., Washington, D. C.	5,289

**Contract Awarded**  
**POST OFFICE** Cont. Fr., \$53,400  
 DOWNEY, Los Angeles Co. Bldg.  
 SE Cor. of 2nd and La Reuna.  
 New U. S. Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Wash-  
 ington, D. C.  
 Contractor—Sarver & Ross, Inc., 1015  
 W 4th St., Los Angeles.  
 Complete bids published May 7.

#### Plans Being Figured—Bids Close

June 14, 2 P. M.  
**HOSPITAL, ETC.** Cost, \$293,000  
**SACRAMENTO COUNTY, Cal. Army**  
 Air Corps Supply Depot, near  
 North Sacramento.  
**Barracks—Post Exchange Building,**  
 (Spec. No. 370-E): Two-story &  
 basement reinforced concrete and  
 steel (2x7½-ft.) steel sash, built-  
 up roof, metal lath, tile and in-  
 sulation floors, hot water heating  
 system, 1st floor to contain mess  
 hall, cafeteria, kitchen, Post Ex-  
 change, etc.; second floor to con-  
 tain wash rooms and squad  
 rooms for 134 men.  
**Hospital** (Spec. No. 310-E): Two-  
 story reinforced concrete and  
 steel (8x38-feet) built-up roof,  
 rubber-tile flooring, hot water  
 heating system, air conditioning  
 system, 9-bed detachments for  
 30 men.

Owner—U. S. Government (Major A  
 W. Parker Constructing Quar-  
 termaster, P. O. Box 1636, Sacra-  
 mento, Cal.)

Plans prepared by the office of the  
 Quartermaster General, Wash-  
 ington, D. C.

Bids to be taken as follows:

- (I) Lump sum construction and com-  
 pletion of Barracks-Post Ex-  
 change Bldg., including utilities  
 thereto, exclusive of:
  - (1) Acoustical plaster on ceilings  
 of Post Exchange and Day  
 Room
  - (2) Acoustical plaster, metal lath,  
 and furring on ceiling of the  
 Mess Hall and Cafeteria
- (IIA) Add to the amount of Item I,  
 if acoustical tile course and in-  
 sulation type construction is  
 furnished and installed on  
 ceilings of Post Exchange and  
 Day Room
- (IIB) Add to the amount of Item I,  
 if gypsum plaster finish is used

ted on Mess Hall ceiling bays  
 where indicated and acoustic  
 plaster on metal lath and fur-  
 ring is installed over entire ceil-  
 ing of Mess Hall and Cafeteria;  
 (II) Lump sum, construct and com-  
 plete Hospital Bldg., including  
 the utilities thereto, exclusive of:  
 (1) Sub-soil drains;  
 (IIB) Add to the amount of Item I,  
 if sub-soil drains are furnished  
 and installed, complete with nec-  
 essary backfill around founda-  
 tions of Hospital;  
 (IIC) Add to the amount of Item II,  
 if metal lath and plaster are  
 omitted and acoustical tile is  
 furnished and installed on ceil-  
 ings of Rooms Nos. 11, 15, 100,  
 101, 102, 104, 105, 106 and 107 in  
 the Hospital;

(III) If awarded the contract for the  
 construction and completion of  
 both Barracks—Post Exchange  
 and Hospital Bldgs., deduct:  
 (1) From the amount of Item I;  
 (2) From the amount of Item II;  
 (IV) Unit Prices: These will be based  
 on making deductions from or ad-  
 ditions to the contract amount  
 provided any deviation from the  
 drawings and specifications de-  
 creases or increases the work in-  
 volved or required. Unit prices  
 shall include the furnishing of all  
 labor, material, complete in place  
 unless otherwise noted:

- (a) Earth excavation, per c. y.;
- (b) Rock excavation, per c. y.;
- (c) Wet excavation, per c. y.;
- (d) Type A concrete, including the  
 forms, per c. y.;
- (e) Type B concrete, do.;
- (f) Structural steel, per ton;
- (g) Reinforcing steel, per ton;
- (h) Brick in walls, per M.;
- (i) Steel stud partitions, including  
 metal lath and plaster, per sq.  
 yd.;
- (j) Acoustical tile mechanical sus-  
 pension, per sq. yd.;
- (k) Acoustical tile set in forms,  
 per sq. yd.;
- (l) Acoustical plaster of metal  
 ceiling lath, per sq. yd.;
- (m) 4-in. sub-soil drain, per lf.;
- (n) 6-in. vitrified clay pipe, per lf.  
 Plans and specifications obtainable  
 from the office of Major Parker up-  
 on deposit of \$25 in the form of a  
 certified check made payable to the  
 Treasurer of the United States.

#### AWARD RECOMMENDED

**LONG BEACH, Cal.**—Harman Pac-  
 ific Co., 422 E 3rd St., Los Angeles,  
 submitted low bid and was recom-  
 mended for award of contract by  
 Public Works Officer, 11th Naval  
 District, San Diego, at \$1350 for gas-  
 oiline storage construction at Naval  
 Reserve Aviation Base, Municipal  
 Flying Field, Long Beach. Spec. No.  
 4422. The other bids were: Lynch-  
 Cannon Engr. Co., \$1425; Hoagland  
 Engr. & Constr. Co., \$4590; Chas. H.  
 Pettifer, \$4800; Chas. W. Wallace,  
 \$4867. Andy Sorell, \$4941.

**Contract Awarded**  
**POST OFFICE** Cont. Fr., \$67,760  
**VACAVILLE, Solano Co., Calif.**  
 New U. S. Post Office.

Owner—U. S. Government.  
 Plans by the Supervising Architect  
 of Treasury Department, Wash-  
 ington, D. C.  
 Contractor—K. E. Parker Co., 135  
 South Park San Francisco.  
 Complete bids published May 7,  
 1937.

#### BIDS OPENED

**SAN FRANCISCO**—F. C. Amoro-  
 so & Sons NE Cor. Keith and Wal-  
 lace Sts. at \$13,420, submitted low  
 bid for the Procurement Division,  
 Public Buildings Branch, Wash-  
 ington, D. C. for repairs and improve-  
 ments of the U. S. Post Office and  
 Post Office at San Francisco.

Fred J. Early, Jr., 369 Pine Street,  
 at \$12,900, submitted second low  
 bid. Only two bids received.

## 8— CLUB BUILDINGS

**Preliminary Plans Being Prepared**  
**STORE AND LODGE BLDG.**

**FRESNO, Fresno Co., Calif.** Cost, \$.....  
 Block Merced St.

**Three-story brick and concrete bldg.**  
 (lodge and recreation rooms and  
 stores).

Owner—I.O.O.F. Lodge (Albert Ba-  
 con, 1439 O St., Fresno, Chairman  
 of Building Committee).  
 Architect—Not Given.

## 9— HOSPITALS

**Completing Plans**  
**COTTAGE** Cost, \$.....  
**MARYSVILLE, Yuba Co., Calif.** 4th  
 and H Sts.

Owner's cottage.  
 Owner—Ridout Memorial Hospital.  
 Architect—Martin A. Sheldon, Mo-  
 nadnock Bldg., San Francisco.  
 Plans will be completed in one  
 week, or ten days.

**Planned**  
**ADDITION** Cost, \$.....  
**RENO, Nevada.** 235 W. 6th St.  
 Addition of 24-bed unit to St. Mary's  
 Hospital.

Owner—St. Mary's Hospital, Reno.  
 Architect—Not Selected.

May 19, 1937.

**Plans Being Figured—Bids Close**

July 1, 10 A. M.

**HOSPITAL** Cost, \$60,000

**HOLLISTER, San Benito Co., Calif.**

One-story reinforced concrete hos-  
 pital building (16 2-bed rooms

for elderly indigents, 2 hospital  
 rooms for sick people, operating  
 and X-ray rooms, kitchen and  
 dining room, laboratory, recrea-  
 tion room, delivery room, infants'  
 room), composition roofing, in-  
 sulation floors, steel sash with met-  
 al trim, oil burning heating sys-  
 tem, etc., constructed around  
 central patio.

Owner—County of San Benito.

Architect—Robert Stanton, Hotel Del  
 Monte, Del Monte.

Plans and specifications obtainable  
 from the architect upon deposit of  
 \$25.

(318) 1st report Aug. 12; 6th, May

May 19, 1937

**Material Bids Wanted Until June**

15, 2 P. M.

**SANATORIUM** Cost, \$.....

**SPANISH LAUS COUNTY, Cal.** Near

Modesto, Del Puerto Canyon.

First unit of tuberculosis sanatorium

Owner—Stanislaus County.

Architect—Russell G. deLappe, 5905

Keith Ave., Oakland.

Estimated cost of materials for  
 which bids are wanted is \$21,000.

(162) 1st report Nov. 16; 1936; 3rd.

## 10— HOTELS

**Sub Contracts Awarded**

**ADDITION** Cost, \$.....

**SAN FRANCISCO.** 356 Geary St.

Addition of four stories to Fielding

Hotel, each floor to contain 15

hotel-apartments (two- and 3-

room apts. with kitchenettes),

hotel service.

Owner—The Grant Co., 114 Sansome

Architect—D. D. Stone, 110 Sutter St.

Contractor—Lindgren & Swinerton,

1225 Bush St.

**Painting, Papering & Decorating—**

Raphael Co., 270 Tehama St.

**Title**—Scott Company, Inc., 243 Minna

St.

**Plumbing**—Peter Bradley, 639 Bran-

den St.

**Electric Work**—Chas. A. Langlais,

172 Tehama St.

Reinforcing Steel — Gunn-Carle & Co., 20 Potrero Ave.  
Mill Work—Pacific Mfg. Co., Santa Clara.

**Contract Awarded**  
ALTER RESTAURANT Cost, \$8,000  
SAN FRANCISCO, 340 Stockton St.  
Alter restaurant in Drake-Wiltshire Hotel.  
Owner—Wiltshire Hotel Co.  
Architect—Albert R. Williams, 251 Post St.  
Contractor—Mullen Mfg. Co., 60 Rausch St.

**Contract Awarded** May 19, 1937  
AUTO COURT Cost, \$25,000  
COLMA, San Mateo Co., Calif. Bik 160 Mission Street.  
Auto court.  
Architect—Not Given.  
Owner—Hugh H. Smith, Daly City.

**12— POWER PLANTS**

**BIDS OPENED** May 19, 1937.  
HICKAM FIELD, T. H.—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, at \$183,600, submitted the lowest of four bids received by the Constructing Quartermaster, Fort Mason, under Bid No. W 397-37-18, for construction and completion of the electric distribution system at Hickam Field.  
Bids were also opened by Captain H. E. Nurse, Constructing Quartermaster, Hickam Field. Lowest bid received at Hickam Field was submitted by Hawaiian Electric Co., Honolulu, at \$208,400.

Bids were taken as follows:  
(I) Work complete, construction and completion of the electrical distribution system;

(II) (Alt.) If an electrical distribution system is constructed at Ft. Kamehameha, add;

(III) (Alt.) If repairs are made to the electrical distribution system at Fort Kamehameha, add;

(IV) Unit Prices:  
(1) Excavation, general (unclassified) per c.y.;  
(2) Excavation, trench (unclassified) per c.y.;  
(3) Backfill, per c.y.;  
(4) Concrete, Type A (inc. forms) per c.y.;  
(5) Concrete, Type B (inc. forms) per c.y.;  
(6) Reinf. steel, per ton.  
The following unit prices on duct are for combinations of single, 3½-in. duct, complete in place, including envelope:  
(7) 2-way duct, per trench foot;  
(8) 3-way duct, do;  
(9) 4-way duct, do;  
(10) 15-way do;  
(11) Manholes, Type B, each;  
(12) Manholes, Type D, each;  
(13) Vaults, Type I;  
(14) Vaults, Type II;  
(15) Vaults, Type III;  
(16) Cable, 2/0 3C, 15,000 volt VCLC per lf.;  
(17) Cable, No. 4, 3C, do;  
(18) Apparatus, cable, No. 4, 15,000 volt, per lf.;  
(19) Copper wire, bare stranded, No. 1, per lf.;  
(20) Copper wire, bare stranded, No. 6, per lf.;  
(21) Cable, metallic armored, No. 1/0 3C, 600 volt, per lf.;  
(22) Cable, metallic armored, No. 4, 3C, 600 volt, do;  
(23) Potheads, indoor type, 15,000-volt 3 C, do;  
(24) Potheads, outdoor type, do;  
The following transformers 6000/11, 500Y to 115:  
(25) 1½-KVA, each;  
(26) 5-KVA, each;  
(27) 15-KVA, each;  
(28) 25-KVA, each;  
(29) 37½-KVA, each;

(30) 50-KVA, each;  
(31) 75-KVA, each;  
(32) 37½-KVA (6600/11,500 Y to 2300)  
(33) 100-KVA (6600/11,500 Y to 6900)  
(34) Junction boxes, 15,000-volts;  
Disconnects, 7500/12,500 volts;  
(35) Transformer;  
(36) Single throw;  
(37) Double throw;  
(38) Primary fence cutouts (7,500-V)  
(39) Oil circuit breakers, 15,000-volt.  
Secondary distribution panels with lugs in mains and:  
(40) 4-100 amp. 3-wire branches;  
(41) 3-100 amp. do;  
(42) 3-200 amp. do;  
(43) 2-200 amp. do;  
(44) 1-200 amp. do;  
(45) 3-in. galv. steel pipe,  
(46) Fencing (including posts, mesh, barbed wire and all necessary accessories).

Following are the complete total bids received at Fort Mason:  
H. H. Walker, Inc., Los Angeles—(I) \$183,600; (II) \$7,700; (III) \$8,200.  
Herbert G. Martin, Inc., Yonkers, N. Y.—(I) \$199,500; (II) \$7,100; (III) \$2,000.

Roy M. Butcher and Harold Hellwig, San Jose—(I) \$208,619; (II) \$7,263; (III) \$13,371.  
Case Constr. Co., Alhambra—(I) \$242,000; (II) \$6,350; (III) \$6,500.

The three low bids received at Hickam Field were as follows (total bids only; Alternates II and III not available):  
Hawaiian Electric Co., Honolulu—\$208,400.  
Hawanan Contracting Co., Honolulu—\$237,242.  
George Hess, Honolulu—\$284,842.

Complete unit bids will be published shortly. May 19, 1937.

**Sub Contracts Awarded** Cost, \$200,000  
ADDITION  
EMERYVILLE, Alameda Co., Calif.

5515 Peladuna St.  
Addition to plant (200 x 400 ft.), welded steel frame, composition roofing, sawtooth roof construction, 25,000 sq. ft. of steel sash, concrete walls to sill line, concrete floors, glazing, revision of railroad tracks, one 5-ton and one 10-ton crane.

Owner—Westinghouse Electric & Manufacturing Company.  
Mgr. of Construction—P. J. Walker Co., Sharon Bldg., San Francisco.

General Contractors—Barrett & Hillp, 918 Harrison St., San Francisco.  
Ready Mix Concrete—Chas. S. Hughes Co., 1001 Ashby St., Oakland.

Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.  
Form Lumber—Bay City Lumber Co., 45th Ave. and E. 12th St., Oakland.

(1748) 1st report Mar. 15; 5th, Apr. 20, 1937.

**BIDS WANTED**  
PIOCHE, Nev.—Until June 4, 4 p.m., bids will be received by Lincoln County Power District No. 1, Pioche, Nevada, to construct Substations at Prince, Delmar Junction, Delmar, Caliente, Pioche, Panaca, and Gold Springs, Nevada, in accordance with plans and specifications on file at the office of the district. Pioche, copies of which may be obtained by deposit of \$5, returnable. Certified or cashier's check or bond, 5%. Bidders are advised that the amount of funds available for construction is approximately \$18,000. Substation structures and equipment will be furnished by owner J. H. Buchler, Chairman; C. R. Hagen, engineer.

**13— PUBLIC BUILDINGS  
FIRE HOUSES & JAILS**

Bids Opened  
CENTRAL EXP. TOWER, Site of YERBA BUENA SHOALS. \$ of

the 1939 World's Fair.  
Central Exposition Tower, approximately 400-ft. high with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood furring and wood sheathing, wood frame decks with composition covering and plastered exterior.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.) 585 Bush St.  
Architect—San Francisco Bay Exposition Architectural Commission, 385 Bush St.

Low Bidder—Guy F. Atkinson Co., 655 Russ Building.  
Complete bids follow:

Guy F. Atkinson Co. .... \$276,953  
Monson Brothers ..... 289,776  
MacDonld & Kahn, Ltd. .... 289,982  
Clinton Const. Co. .... 318,500

Bids have been taken under advisement.

**BIDS OPENED**

SAN FRANCISCO.—De Luca and Son, Inc., 1745 Filbert St., at \$11,564.75, submitted low bid to the Recreation Commission, Room 370, City Hall, for construction of a reinforced concrete convenience station, concrete gutters and the completion of a sprinkler system, and the fine grading of a playfield at the Potrero Hill Playground, located at 22nd and Hill Playground, 22nd and Arkansas Streets.  
Arkansas Streets.

Complete bids follow:

De Luca & Son, Inc., S. F. .... \$11,564.75  
Adam Aras, S. F. .... 12,059.74  
F. C. Amoroso & Sons, S. F. .... 12,740.61  
D. W. Nicholson, San Leandro ..... 13,075.60  
F. J. Reilly Co., S. F. .... 13,738.00

Bids taken under advisement.

**BIDS WANTED**

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until June 7, 8:00 P. M., bids will be received by the City Council of South San Francisco Daniel McSweeney, City Clerk, for the construction of the club house on the public park known as "Orange Avenue Park" and located south of Railroad Avenue.

Plans and specifications may be obtained at the office of George A. Kneese, City Engineer of South San Francisco, at 2383 Broadway, Redwood City.

**BIDS OPENED**

SAN FRANCISCO.—Frank J. Reilly Co., 6350 Fulton St., at \$19,981, submitted only bid to the Department of Public Works, Room 251, City Hall, for alterations in Controller's Office and Tax Collector's Office, City Hall.

Bid referred to City Architect C. H. Sawyer.

**14— RESIDENCES**

Plans Being Figured — Bids Close About May 27  
RESIDENCE Cost, \$ ..

SAN JOSE, Santa Clara Co., Calif.—Two-story frame and stucco residence (6 rooms 2 bath), shake roof, hardwood floors, gas furnace, wood sash, tile baths.  
Owner—T. Bonnett.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Bids will be received from the following selected list of contractors:

John M. Schule, 77 Hollywood Avenue, San Jose.  
Mr. Creighton, San Jose.  
Erldges Constr. Co., 1395 Lincoln Ave., San Jose.  
George Honore, 156 Race St., San Jose.

Bert Ward & Son, 1139 Lincoln Ave., San Jose  
V. Lanotti & Son, 435 Hicks Ave.,

Contract Awarded

**RESIDENCE** Cost, \$50,000  
**COLUSA, Colusa Co., Calif.**

Two-story brick veneer and frame residence (20 rooms, including servants' quarters, 6 baths, 2 lavatories), wood shake roof, linoleum floors and wainscot in baths, wood sash, hardwood floors, hot water heating system, etc., and swimming pool and bath house.

Owner—J. L. O'Rourke, Colusa.  
 Architect—James H. Mitchell, 369 Pine St., San Francisco.

Name of the contractor is being temporarily withheld. The swimming pool and bath house are now under construction by the owner, and work will start on the residence as soon as the pool is finished.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500

OAKLAND, Alameda County, Calif.  
 5509 Procter Ave.

One-story frame and stucco residence (6 rooms).

Owner—Barrett C. Cole, 3928 Clark St.

Architect—Not Given.  
 Contractor—J. Frank McCorkle, 832 Erie St.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000

OAKLAND, Alameda County, Calif.  
 S. Drake Drive, Lot 141, Montclair Highlands.

Two-story frame and stucco residence (6 rooms).

Owner—C. Larson.

Architect—Williams & Wastell, 337 17th St.

Contractor—J. R. Armstrong, 1131 Fleet Road.

**Completing Plans**  
**RESIDENCE** Cost, \$

HILLSBOROUGH, San Mateo Co.

Two-story frame and stucco residence (4 bedrooms and 2 baths) hardwood floors, tile baths, wood sash, hot air gas-fired heating system, shingle roof, etc.

Owner Withheld.

Architect—William Henry Rowe, 351 California St., San Francisco.

Upon completion of plans general figures will be asked from a selected list of contractors.

**BIDS OPENED**  
**RESIDENCE** Cost, \$100,000

OAKLAND, Alameda Co., Calif., 1500 34th Avenue.

Two-story reinforced concrete residence and garage (40 bedrooms, work rooms, storerooms, kitchen, parlors, offices, etc. (tile roof, linoleum floors, furred and plaster exterior walls, etc.

Owner—The Franciscan Fathers' Residence.

Architect—John J. Donovan, 950 Parker St., Berkeley.

Low Bidder—Miller Constr. Co., 3917 Mission St., San Francisco.

Complete bids follow:

Miller Constr. Co., S. F. . . . . \$124,391

N. H. Sjoberg, Oakland . . . . . 124,974

K. E. Parker, S. F. . . . . 132,450

George Maurer Co., Piedmont . . . . . 132,880

Anderson & Ringrose, S. F. . . . . 142,628

Dinwiddie Constr. Co., S. F. . . . . 143,490

James L. McLaughlin Co., San Francisco . . . . . 149,950

Lindgren & Swinerton, Oak- land . . . . . 153,740

Bids held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$

SAN RAFAEL, Marin Co., Calif.

One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, etc.

Owner—Mrs. Vera McRae.  
 Architect—Angus McSweeney, 694 Mission St., San Francisco.  
 Contractor—Vincent Maggira, 15 Harrison Ave., Sausalito.

**Contract Awarded**

**RESIDENCE** Cost, \$

PALO ALTO, Santa Clara Co., Calif.

Two-story frame and stucco residence (6 rooms, 2 baths), shingle roof, hardwood floors, wood sash, warm air gas furnace heating system, etc.

Owner—Mr. Nesbitt.  
 Architect—Edward W. Kress, 402 First National Bank Bldg., San Jose.

Contractor—E. B. Cornell.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,000

SAN MATEO, San Mateo Co., Calif.  
 Lot 4 Bk 16, Sonora Drive.

Two-story frame and stucco residence.

Owner—E. E. Johnson.  
 Architect—Not Given.

Contractor—Hammer & Tosch, 1479 Burlingame Ave., San Mateo.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$9,000

SAN JOSE, Santa Clara Co., Calif.  
 1020-22 Asbury Street.

Two-story frame duplex residence.

Owner and Builder—A. R. Calveilli, 1625 Emory Street.

Architect—Not Given.

**Segregated Contracts Awarded**  
**RESIDENCE**

Approx. Total Cost, \$36,000

SAN RAFAEL, Marin Co., Cal. Golf Club Tract.

Two-story and basement frame and stucco residence (12 rooms and 4 baths), tile roof, tile terraces, tile baths, steam heat, concealed radiation, 3-car garage.

Owner—H. Walton.  
 Architect—S. Heiman, 605 Market St., San Francisco.

Concrete—James Ghilotti, 1329 4th St., San Rafael.

Carpenter—E. Wilson, San Anselmo.

Lumber & Mill—Henry Hess Co., 229 3rd St., San Rafael.

Brick—J. E. Sward, 75 Belle Viata Ave., San Anselmo.

Tile—Sunset Tile Co., 2219 Irving St., San Francisco.

Sheet Metal—S. S. Knoles, 14 Greenfield Ave., San Anselmo.

Roofing—Marin County Roofing Co., Box 7, Larkspur.

Ornamental Iron—Patterson & Koster Iron Works, Inc., 280 13th St., San Francisco.

Marble—Eastman Marble Co., 209 Mississippi St., San Francisco.

Glazing—Habenicht & Howlett, 529 Clay St., San Francisco.

Plastering—Cliff Jackson, 48 Broadmoor Ave., San Anselmo.

Electric Wiring—Eklund Electrical Works, 425 B St., San Rafael.

Painting—D. Zelinsky & Sons, 165 Grove St., San Francisco.

Heating—Atlas Heating & Ventilating Co., 557 Fourth St., San Francisco.

Plumbing—E. Sugarman, 3624 Geary St., San Francisco.

**Preparing Working Drawings**  
**RESIDENCE** Est. Cost, \$10,000

OAKLAND, Alameda Co., Cal. Montclair District.

Two-story frame and stucco residence (7 rooms), composition roof, hardwood floors, wood sash, etc.

Owner—Name Withheld.  
 Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans will be completed about June 1st, and general figures taken from a selected list of contractors.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each

SAN FRANCISCO, W 17th Avenue south of Quintara Street.

Six one-story and basement frame and stucco residences.

Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.

**Architect—Not Given.**

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each

SAN FRANCISCO, E. Taibert Street, S of Visitacion Ave.

Four one-story frame and stucco residences.

Owner and Builder—The Ruegg Co., 369 Pine St.

Architect—A. H. Larsen, 333 Kearny St.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$4,500

CASTRO VALLEY, Alameda County, Calif. Near Hayward.

One-story frame and stucco residence (six rooms) wood shingle roof, gas-fired heating system, wood sash, hardwood floors, tile bath, etc.

Owner—George Duarte, Castro Valley.

Architect—Geo. P. Simonda, 80 Main St., Hayward.

**Completing Plans**  
**RESIDENCE** Cost, \$

OAKLAND, Alameda Co., Calif. SE 61st Avenue and E 16th Street.

One-story frame duplex apartment building, stucco exterior, floor furnaces, the sinks, shake roofs.

Owner—A. Swansfeld.  
 Architect—A. E. Denke, 1429 Broadway, Oakland.

Owner will take general figures upon completion of plans.

**Completing Plans**  
**RESIDENCE** Cost, \$6,000

ORINDA, Alameda Co., Calif.

One-story residence with board exterior, shingle roof, central heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Plans by firm of Narbett & Brown (I. Brown, Arch.), 462 31st Ave., Richmond.

Plans will be completed in about one week and general bids asked.

**Plans Completed**  
**RESIDENCE** Cost, \$7,000

SAN FRANCISCO, Merced Manor.

One-story frame and stucco and wood exterior residence (six rooms) hardwood floors, tile baths, wood sash, warm air gas-fired heating system, tile and composition roof, etc.

Owner—J. W. McCabe, 716 Ulloa St.

Architect—D. E. Jackle, 126 Post St.  
 Owner will take sub-bids.

**Owner Taking Bids**  
**RESIDENCE** Cost, \$6,500

SAN FRANCISCO, Oneda Ave.

One-story frame and stucco and wood exterior residence (five rooms) hardwood floors, tile baths, wood sash, warm air gas-fired heating system, tile and composition roof, etc.

Owner—Joseph Stagner, 261 Oneda.

Architect—D. E. Jackle, 126 Post St.  
 Owner is now taking general figures.

**Owner Taking Bids**  
**RESIDENCE** Cost, \$

MARTINEZ, Contra Costa Co., Calif.

Two-story frame and brick veneer residence (8 rooms, 2 baths), tile roof, central heating system, wood sash, hardwood floors, tile baths, etc.

Owner—T. de Lacy, Bush Ave., Martinez.

Plans by firm of Narbett & Brown (I. Brown, Arch.), 462 31st Ave., Richmond.

**Contract Awarded**  
**RESIDENCE** Cost, \$13,500

HILLSBOROUGH, San Mateo Co., Calif.

One-story frame residence (8 rooms, 3 baths), English architecture,

oak floors, shake roof, tile baths, gas-fired hot air heating system, etc.  
 Owner—Name Withheld.  
 Architect—Leo J. Sharps, 1447 Burlingame Ave., Burlingame.  
 Contractor—Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.

**Completing Plans**  
**RESIDENCE** Cost, \$14,000  
**SAN FRANCISCO.** Vallejo & Leavenworth Streets.  
 Two-story and basement frame and stucco flat building.  
 Owner—Withheld.  
 Mgr. of Construction—Cyril Doane, 760 Russ Bldg.  
 Segregated bids will be asked next week.

**Contract Awarded**  
**RESIDENCE** Cost, \$19,585  
**SAN MATEO.** San Mateo Co., Calif. Valparaiso Park, NE side of Elena Avenue.  
 Two-story frame, stucco and brick veneer residence.  
 Owner—A. H. Meyer, 401 Highland, San Mateo.  
 Architect—Hyman and Appleton, 68 Post St., San Francisco.  
 Contractor—Aro & Okerman, Box 433 Palo Alto.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**UKIAH.** Mendocino County, Calif.  
 1½-story frame and brick veneer residence (8 rooms) shake roof, hardwood floors, tile baths, oil burning heating system, wood sash, etc.  
 Owner—Elmer Albertson, c/o Architect.  
 Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.  
**Low Bidder—H. V. La Porte, Box 902, Ukiah, \$10,055.**  
 Complete bids follow:  
 H. V. La Porte, Ukiah.....\$10,055  
 E. Ahlstrom, Santa Rosa.....10,341  
 Sjoberg & Jamison, Ukiah.....11,876  
 C. L. Personett, Santa Rosa.....12,626  
 Chas. Swansfelt, Ukiah.....12,673

**To Be Done By Days Work**  
**RESIDENCE** Cost, \$15,000  
**PIEDMONT.** Ala Co., Calif. 1880 Trestle Glen.  
 Two-story frame and stucco residence and garage.  
 Owner and Builder—S. M. Shapero, 2581 Virginia St., Berkeley.  
 Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley.

**Contract Awarded**  
**RESIDENCE** Cost, \$18,000  
**WATSONVILLE.** Santa Cruz Co.  
 Two-story Colonial residence (11 rooms, 4 baths) tile baths and showers, hardwood floors, shingle tin roof, hot air heating system, wood sash, etc.  
 Owner—Nick Scurlich.  
 Architect—A. W. Story, Pajara Valley Bank Bldg., Watsonville.  
 Contractor—Joseph A. Lechletter, 230 Rodriguez, Watsonville.

**Plans Completed**  
**RESIDENCE** Cost, \$.....  
**REDWOOD CITY.** San Mateo Co., Calif.  
 One and one-half-story residence (7 rooms, 2 baths), tile roof, gas fired hot air heating system, wood sash, hardwood floors, tile baths, etc.  
 Owner—Joseph Franceschi.  
 Architect—Conrad T. Kett, 519 California Street.  
 Owner will take bids.

**Owner Taking Bids**  
**RESIDENCE** Cost, \$8,500  
**RICHMOND.** Contra Costa County,  
 One and one-half-story frame and

stucco residence, asphalt shingle roof wood sash, central heating system, hardwood floors, tile baths, etc.  
 Owner—M. Dabovich, Richmond.  
 Plans by firm of Narbett & Brown, (I. Brown, architect), 462 31st Avenue, Richmond.

**Plans Completed**  
**RESIDENCE** Cost, \$.....  
**MODESTO.** Stanislaus Co., Calif.  
 Two-story stucco residence (seven rooms, 2 baths), 4-car garage, tile roof, tile baths, hardwood floors, steel sash, automatic oil-burning heating system, etc.  
 Owner—H. P. Laws.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Bids will be asked within a few days.

**Plans Being Figured — Bids Close**  
**May 26, 8 P. M.**  
**COTTAGE** Cost, \$.....  
**MUROK.** Kern Co., Calif.  
 Teachers' cottage and moving school building.  
 Owner—Muroc School District.  
 Architect—Symmes & Willard; Stanton Willard, architect, 215 Harborfield Bldg., Bakersfield.  
 Plans and specifications obtainable from the architect upon deposit of \$10.00.

**CONTRACT AWARDED**  
**LOS ANGELES.** Calif.—H. F. Hendrickson Co., 714 W. Olympic Blvd., has the contract for the construction of a 4-story 101-room Class A home, 65x203 feet, at 1055 N. Kingsley Dr., for Pacific Old Peoples' Home. Cost, \$125,000. Claude A. Faithful, architect, 1820 Buckingham Road.

**Plans Completed**  
**RESIDENCE** Cost, \$.....  
**MODESTO.** Stanislaus Co., Calif.  
 1½-story frame and stucco residence (8 rooms, 2 baths), tile roof, tile baths, hardwood floors, automatic gas furnace; 3-car garage, etc.  
 Owner—Mr. Sylva.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Bids will be asked within a few days

**Preparing Working Drawings**  
**ALTERATIONS** Cost, \$.....  
**PALO ALTO.** Santa Clara Co., Calif. Stanford Campus.  
 Alterations to Alpha Omicron Pi Sorority house.  
 Owner—Alpha Omicron Pi Sorority.  
 Architect—C. K. Sumner, Deckerroak Bldg., Palo Alto.

**Contract Awarded**  
**RESIDENCE** Cost, \$42,213  
**WOODSIDE.** San Mateo Co., Calif. El Corte Madero Rancho.  
 Two-story frame, stucco and brick veneer residence, dog kennels, garage.  
 Owner—Wells Fargo Bank & Union Trust Co. San Francisco.  
 Architect—Bakewell & Welhe, 251 Kearny St., San Francisco.  
 Contractor—Frank S. Marshall, 909 Ashbury St., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$24,500  
**FEESNO.** Calif. 1334-1360 Wishon Street.  
 Seven duplex residences and garages.  
 Owner—E. Brinker, 3965 Huntington Street.  
 Architect—Not Given.  
 Contractor—R. G. Leach, Thorne St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,000  
**OAKLAND.** Alameda Co., Calif. 5906 Bruns Drive.  
 Two-story frame and stucco residence (6 rooms).

Owner & Builder—A. Bartlett, 1094 Hanleigh Way.  
 Architect—B. G. McDougal, 869 Pine St., San Francisco.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,500 each  
**SAN FRANCISCO.** NE Marietta, 146 SE of Encina.  
 Four one-story frame and stucco residences.  
 Owner & Builder—Meyer Bros., 735 Portola Drive.  
 Architect—Not Given.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**SAN JOSE.** Santa Clara Co., Calif.  
 One-story frame residence (tile roof, steel sash, gas heat, etc.).  
 Owner—William Jung.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.  
**Low Bidder—Bert Ward & Son, 1139 Lincoln Ave., San Jose.**  
 Complete bids follow:  
 Bert Ward & Son.....\$7,695  
 J. V. Gorhamson.....7,700  
 N. J. Nielson.....7,727  
 M. W. Reese.....7,905  
 Geo. Honore.....8,196  
 John M. Schirle.....8,500  
 Valley Constr. Co.....9,625  
 All of San Jose.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
**OAKLAND.** Alameda Co., Calif. 5160 Masonic Ave.  
 Two-story frame and stucco residence.  
 Owner—C. W. Flasher, 189 Florence Ave.  
 Architect—Not Given.  
 Contractor—C. M. Teigland, 4607 Harbor Drive.

**To Be Done By Days Work**  
**RESIDENCES** Cost, \$4,500 ea.  
**SAN FRANCISCO.** E. Taibert Street S. of Visitation Ave.  
 Four one-story frame and stucco residences.  
 Owner and Builder—The Ruegg Co., 369 Pine Street.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND.** Ala Co., Calif. 5654 Maxwellton Ave.  
 One-story frame and stucco residence (5 rooms).  
 Owner—Roderick Peterson.  
 Architect—W. E. Yeland, Financial Center Building.  
 Contractor—D. W. Nicholson, 550 Blossom Way.

**Contract Awarded**  
**RESIDENCE** Cost, \$18,000  
**PIEDMONT.** Ala. Co., Calif. 1 Sandringham Road.  
 Two-story frame and stucco residence (9 rooms), garage.  
 Owner—Constance Dunn, 2940 Gibbon St., Alameda.  
 Architect—Irwin N. Johnson, 2219 7th Avenue, Oakland.  
 Contractor—Louis V. Dunn, Inc., Monadnock Building, San Francisco.

**Preparing Plans**  
**RESIDENCES** Cost, \$6,000 each  
**SAN CARLOS.** San Mateo Co., Cal.  
 Two-story frame and stucco residences (wood sash, shake roofs, central gas heating system, tile baths, hardwood floors, etc.)  
 Owner—Withheld.  
 Mgr. of Const.—Cyril Doane, 760 Russ Bldg., San Francisco.

**Work Indefinitely Postponed**  
**RESIDENCE** Cost, \$3,500  
**PALO ALTO.** Santa Clara Co., Calif. Southgate Tract.  
 One-story frame and stucco residence (tile roof, hardwood floors, tile baths, gas fired hot air heat-

ing system, etc.)  
Owner—R. Linsley.  
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.  
Due to bids exceeding estimated cost, work has been postponed.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
CARMEL, Monterey Co., Calif.  
Two - story and basement frame and stucco residence (7 rooms and 4 baths, sleeping porch, and service room in basement) heavy cedar shake roof, hardwood flrs., central hot water heating plant, indirect radiation.  
Owner—Captain Colony.  
Architect—Guy O. Koeppe, P. O. Box 644, Carmel.  
Contractor—A. C. Stoney, San Antonio St., Carmel.

**Plans and Specifications Completed**  
**RESIDENCE** Cost, \$30,600  
SAN FRANCISCO, Monterey Hgts.  
Two - story frame moderna residence (7 rooms, 3 baths, breakfast nook, laundry) sun deck, garage; red oak floors, linoleum in kitchen, laundry and bath; steel sash special bay window in steel sash)  
Owner and Builder—Home Building Service Co., 101 Post Street.  
Architect—Mark Daniels, 101 Post.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$4,865  
SANTA ROSA, Sonoma Co., Calif.  
One-story frame and stucco residence; hardwood floors, tile baths, etc.  
Owner—J. F. McHugh.  
Architect—John Easterly, Healdsburg and Santa Rosa.  
Contractor—C. L. Personnett, 731 Santa Rosa Ave.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
ALAMEDA CO., Calif. Near Pleasanton.

One-story frame ranch house (seven rooms, 2 baths), shingle roof, hardwood floors, tile baths, oil burning heating system, etc.  
Owner—Raymond Brown.  
Architect—Higgins & Root (Chester Root, architect) Security Bldg., San Jose.  
Low Bidder—R. A. Griffin, Irvington  
Complete bids follow:  
R. A. Griffin, Irvington, \$9,845  
S. Bothwell & Son, Livermore, \$9,998  
\$10,600.

## 15—SCHOOLS

### BIDS WANTED

GLENDALE, Los Angeles Co., Cal.  
—Until June 8, 4 P. M. bids to be opened at 8 P. M. bids will be received by the Glendale Board of Education for strengthening and reconstructing the auditorium and center section of the Eleanor J. Toll Jr. high school. A deposit of \$25 is required for plans and specifications, on file at 411 E. Wilson St., Glendale. Postle & Postle, architects, 501 W. Patterson St., Glendale. Cost, \$65,000.

**Low Bidder**  
**REMODEL SCHOOL**  
PETALUMA, Sonoma Co., Calif. St. Vincent's School.  
Remodel old grade school building into high school; remove third story and roof, replace with new roof, plaster and paint exterior of the building, minor interior alterations.  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin Street, San Francisco.  
Architect—Arnold Constable, 450 Market St., San Francisco.  
Low Bidder—A. Mariam Seaburg, 657 E St., Petaluma.

**Correction in Architect's Name**  
**GYMNASIMUM** Cost, \$58,400  
SANTA CLARA, Calif. Santa Clara High School.  
Gymnasium (127 x 140 ft.) to seat from 750 to 900.  
Owner—Santa Clara High School District (S. J. Brainerd, Principal).  
Architect—Harold H. Weeks, 693 Market St., San Francisco.  
Santa Clara High School District in planning to vote bonds, possibly by June 4, in the amount of \$105,000, proceeds to finance construction of gymnasium, also shop, garage, equipment, etc.

**Plans Being Figured — Bids Close**  
**SCHOOL** Cost, \$.....  
MAY 28, 1 P. M.  
1 E GRAND, Merced Co., Calif.  
One-story frame and stucco school building (2 classrooms).  
Owner—Le Grand School District.  
Architect—G. N. Hilburn, 1213 I St., Modesto.  
Plans and specifications obtainable from the office of the architect upon deposit of \$10.

**Preparing Working Drawings**  
**SCHOOL** Cost, \$.....  
LODI, San Joaquin Co., Calif.  
Two - story reinforced concrete music building (music room, rehearsal room, and 2 classrooms), asbestos shingle roof, maple floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant.  
Owner—Lodi Union High School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

**Plans Being Figured—Bids Close**  
**June 9, 9 P. M.**  
**RECONSTRUCTION** Cost, \$.....  
BURLINGAME, San Mateo Co., Cal.  
Reconstruction of entrance to McKinley School (replacing brick with stucco).  
Owner—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.) El Camino and Oak Grove, Burlingame.  
Architect—James H. Mitchell, 369 Pine St., San Francisco.

**Plans and Specifications Being Prepared**  
**RECONSTRUCTION** Cost, \$30,000  
BURLINGAME, San Mateo Co., Cal.  
Reconstruction & earthquake-proofing of Howard Ave. School (2-story wood frame bldg.)  
Owner—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.) El Camino and Oak Groves Avenues.  
Architect—James H. Mitchell, 369 Pine St., San Francisco.  
Structural Engineer—H. B. Hammill, 381 Bush St., San Francisco.  
Plans and specifications will probably be completed in about 2 months.

**Plans Completed**  
**SCHOOL** Cost, \$.....  
SAN MATEO, San Mateo Co., Calif.  
Peninsular Avenue.  
New Peninsular Avenue Elementary School.  
Owner—San Mateo Elementary Sch. District.  
Architect—T. M. Edwards, 9 Geary St., San Francisco.  
Plans are completed and have been forwarded to the State Division of Architecture for approval.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Grant-Martino Construction Company, 44 Mary St., at \$19,458, awarded contract by the Department of Public Works, City Hall, for general construction of miscellaneous fittings and equipment for the Agassiz School, Bartlett St., between 22nd and 23rd Sts.  
Complete bids published May 6.

**Plans Being Completed**  
**SCHOOL** Cost, \$100,000  
FOWLER, Fresno Co., Calif. Fourth and Fuernberg Streets.  
One-story reinforced concrete and frame academic building (ten classrooms, auditorium to seat 650, offices, library and domestic science room), L-shaped structure.  
Owner—Fowler Elementary School District (W. T. Dice, Clerk).  
Architects—Charles H. Franklin, 416 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.

**Plans Completed**  
**SCHOOL** Cost, \$.....  
MERCED CO., located near Los Banos.  
One-story frame school building (1 classroom, and combined auditorium classroom, library, manual training shop).  
Owner—Charleston School District.  
Architect—G. E. Ellinger, 1801 Castelline Road, Oakland.  
Plans have been completed and have been forwarded to the State Division of Architecture for approval.

**Contract Awarded**  
**ADDITION** Contract price, \$14,025  
MADERA, Madera County.  
Activities room addition and finishing of front vestibule at Gymnasium (concrete floor in basement under activities room; concrete floor and tile roof in vestibule; first floor of maple; concrete, etc.)  
Owner—Madera Union High School District.  
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
Contractor—J. C. Meyers, Route 1, Box 439, Stockton.  
Complete bids follow:  
J. C. Meyers, Stockton, \$14,025.  
R. W. Brown Constr. Co., Madera, \$17,048.  
Midstate Constr. Co., Fresno, \$18,760.

**Bids Wanted—**  
**To Close May 31, 8 P. M.**  
**SCHOOL ADDITION** Cost, \$.....  
CONTRA COSTA CO., Calif., near Brentwood.  
One-story frame addition to Excelsior Grammar School.  
Owner—Excelsior School District.  
Plans by firm of Narbett & Brown (I. Brown, Architect), 462 31st Avenue, Richmond.  
Plans and specifications may be obtained from the office of the architect upon deposit of \$5.

**BIDS WANTED**  
SAUSALITO, Marin Co., Calif.—Until June 4, 8:00 P. M., bids will be received by the Sausalito School District for certain construction to improve grounds of Central School, Litchio and Caledonia Sts., Sausalito. Plans and specifications may be obtained from the office of the Board of Trustees (S. G. Ratto, Clerk) at Central School, upon deposit of \$10, and bids will be received at the same office.

**LOW BIDDER**  
**PALM SPRINGS**, Riverside Co., Cal.—Oral Carpenter, Palm Springs, submitted low bid to Desert School District at \$32,947 for construction of activity unit at the Desert School, Palm Springs. G. Stanley Wilson, architect, 3616 Main St., Riverside.

**Plans Being Figured — Bids Close**  
**SCHOOL** 26, 4:30 P. M.  
COST \$50,000  
SACRAMENTO, Sacramento Co., Cal. San Miguel Way and D Street.  
One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administra-

tive offices), concrete floors in corridors, linoleum floors in classrooms, single roof, etc. (Theodore Judah School).  
 Owner—Sacramento City School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

- Bids will be taken as follows:  
 (1) Work complete;  
 (Alt. 1) Deduct if heating plant is omitted;  
 (Alt. 2) Deduct if plumbing, electrical fixtures, and finish hardware are omitted;  
 (Alt. 3) Deduct for omission of certain portions of painting;  
 (Alt. 4) Deduct if interior finish of six classrooms is omitted.

Bids will be opened in the office of the Superintendent of Schools, 21st and L Streets, Sacramento.

Plans and specifications obtainable from the office of the architect upon deposit of \$25.

**Bond Election**  
**SCHOOL** Cost, \$35,000  
**SACRAMENTO Co., Calif.**

Alterations and additions to existing school buildings and construction of new buildings.

Owner—Pacific Elementary School District of Sacramento County.

Architect—Not Given.  
 An election will be held June 4 to vote on a proposal to issue \$35,000 in bonds to finance construction work.

**Bonds Voted**  
**CYANIDE PLANT** Cost, \$70,000  
**DAVIS, Yolo Co., Calif.**

New gymnasium building to replace one destroyed by fire last New Year's, to include two laboratory rooms, combination hand room and stage gym, locker rooms, shower rooms, etc., and three-classroom wing addition to main school building.

Owner—Davis Joint Union High School District (Homer H. Cornick, principal).

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
 A proposal to issue \$50,000 in bonds carried at a special election May 25. The bond money will supplement \$22,000 in insurance to complete financing. Bids will be called as soon as plans and specifications are approved by the school board.

**Plans Being Figured — Bids Close**  
**May 28, 1 P. M.**

**SCHOOL** Cost, \$.....  
**LA GRANGE, Stanislaus Co., Calif.**

One - story frame and stucco school building (two classrooms).  
 Owner—La Grange School District (George A. Bates, president of the Board of Trustees).

Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans and specifications obtainable from the office of the architect or from Mr. George A. Bates, La Grange, upon deposit of \$10.

NOTE: The name of the school district for bid was incorrectly reported previously.

**BIDS WANTED**  
**HUNTINGTON BEACH, Orange Co., Cal.—Until May 28, 3:30 P. M.,**

bids will be received by the Huntington Beach Union High School District for demolition of mechanical arts bldg. at the high school. Cashier's check or cash in the sum of 10% required.

**Planned**  
**SCHOOL ADDITION** Cost, \$.....  
**GRASS VALLEY, Nevada Co., Calif.**

Addition of several classrooms to Grass Valley high school and construction of new gymnasium or modernization of present gym.  
 Owner—Grass Valley Union High School District.

Architect—Not selected.

A bond issue will probably be asked in the near future to finance work.

**Working Drawings Being Completed**  
**AUDITORIUM** Cost, \$110,000  
**KING CITY, Monterey Co., Calif.**

New High School Auditorium (to seat 1000).

Owner—King City High School District.

Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Working drawings are about 90% completed and will probably be finished within one month.

**Preparing Working Drawings**  
**JUNIOR COLLEGE** Cost, \$.....  
**SAN MATEO, San Mateo Co., Calif.**

Peninsula Avenue and N Delaware.

First unit of new junior college (2-story fireproof bldg.; approximately 40,000 sq. ft.)

Owner—San Mateo Junior College & High School District.

Architect—Harry A. Thomsen, office of George W. Kelham, 315 Montgomery St., San Francisco.

College will also include an administration building, arts building, library, gymnasium and students' union.

Preliminary plans are now completed on the whole group of buildings. Plans will be completed and bids asked in about two months on the first unit of the work—the acce building.

**Bond Election**  
**SCHOOL ADDITION** Cost, \$.....  
**CONTRA COSTA CO., near Pittsburg, Ambrose School District.**

Three addition classrooms and an auditorium for Ambrose School. Owner—Ambrose School District. Architect—Harold H. Weeks, 593 Market St., San Francisco.

Ambrose School District will vote, on June 4, on a proposal to issue bonds in the amount of \$48,000, proceeds to finance the construction of school addition.

**Contract Awarded**  
**ADDITIONS** Cont. Price, \$16,800  
**BAKERSFIELD, Kern Co., Calif.**

Additions and alterations to boys' and girls' toilet rooms; reinforced concrete and brick veneer, tile roof, air conditioning, etc.  
 Owner—Lerdo School District (W. E. Burris, Clerk).

Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

Contractor—Henry Eissler, 2929 18th St., Bakersfield.

Complete bids follow:  
 Henry Eissler, Bakersfield..... \$16,800  
 A. J. Hendricks, Bakersfield..... 18,000  
 J. N. Harvey, Bakersfield..... 18,280  
 Willard Michael, Bakersfield..... 19,418

**BOND ELECTION PLANNED**  
**CAMPBELL, Santa Clara Co., Cal.**

Campbell Union High School District plans to vote June 4 on a proposal to issue bonds in the amount of \$135,000, proceeds to finance construction of a new unit at Campbell Union high school.

**Bond Election Planned**  
**SHOPE BLDG.** Cost, \$50,000  
**ROSEVILLE, Placer Co., Calif.**

One and two-story reinforced concrete shop building (first floor to contain woodworking shop, machine shop, and auto-mechanic shop; second floor to contain classrooms and drafting room), concrete floors on first floor, maple floors on second floor, first floor ceiling and second floor walls and ceiling plaster finish; composition roofing, steel sash, and large glass windows; radiators and individual units to connect with existing steam plant in main building; the second floor will cover about two-thirds of the building.  
 Owner—Roseville Union High School District.  
 Architect—E. Ernst, 9 W. Cleveland St., Stockton.  
 Application filed with the PWA for a grant of 45% of the cost.  
 A special election will be held in June to vote on a proposal to issue \$30,000 in bonds to supplement \$20,000 in school funds to finance construction.

**16—BANKS, STORES AND OFFICES**

**Sub Contracts Awarded**  
**INDUSTRIAL BUILDING**

Estimated Cost, \$150,000  
**SAN FRANCISCO, Van Ness Ave., bet. O'Farrell and Olive Streets.**

Three-story reinforced concrete automobile tooling room and service building (120 x 180 ft.).

Owner—Ernest Ingot, Inc., 1700 Van Ness Ave.

Architect—J. E. Dinwiddie, 360 Pina Street.

Structural Engineer—R. J. Fisher, 826 Crocker Bldg.

Contractor—Barrett & Hupp, 918 Harrison Street.

**Excavations — Sibley Grading & Teaming Co., Ltd., 165 Landers St.**

**Encaustic Tile—Malott & Peterson, 2412 Harrison St.**

**Steel Rolling Doors—Kinnear Mfg. Co. of Calif., 361 Brannan St.**

**Reinforced Steel — Bethlehem Steel Co., 20th and Illinois Sts.**

**Ready-Mix Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.**

**Roofing—Alta Roofing Co., 976 Indiana St.**

**Marble & Bronze Contracts Awarded**  
**ALTERATIONS** Cont. Price, \$9,300  
**MERCED, Merced Co., Calif.**

Alterations and additions to 3-story bank and store building (complete renovation of third floor; installation of elevators; heating and cooling systems; redecoration of building).

Owner—Judge Shafer, Merced.  
 Architect—H. H. Winner, Wordsworth Avenue, Ross.

Lessee—First National Bank, Merced.

Contractor—Paul D. McComb, 648 19th St., Merced.

**Marble—Roy Cook Marble Co., 1535 Powell St., Emeryville.**

**Bronze—McNell - Steinberg Mfg. Co., 36 Clyde St., San Francisco.**

**Contract Awarded**  
**STORE** Cost, \$18,392  
**SAN JOSE, Santa Clara Co., Calif.**

Third and San Fernando.  
 New concrete store building (100 x 71 ft.).

Owner—Safeaway Stores.  
 Architect—Not Given.

Contractor—Valley Constr. Co., San Jose.

Total bids follow:  
 Valley Constr. Co., San Jose..... \$18,392  
 H. A. Bridges, San Jose..... 18,553  
 F. C. Stolte, San Simeon..... 18,750  
 N. J. Nielsen, San Jose..... 18,943  
 Wm. Caldwell, San Jose..... 19,380  
 Bert Ward & Son, San Jose..... 20,114  
 J. S. Newell..... 21,700  
 Carl Swenson, San Jose..... 23,980

**Contract Awarded**  
**MEDICAL BUILDING** Cost, \$10,000  
**MADERA, Madera Co., Calif. Lake and Yosemite Streets.**

One-story frame and stucco medical building (composition roof, insulation, cooling and heating system, etc.).

Owner—Dr. Kenneth Butler, 133 E.

Yosemite, Madera.  
Architect—Edward Glass, Mattel  
Bldg., Fresno.  
Contractor—John Saterstad, 201 No.  
N Street, Madera.

**Owner Taking Bids**  
**ALTERATIONS** Cost, \$  
SACRAMENTO, Sacramento County,  
Calif.  
Reconstruct front of two-story brick  
building (new terra cotta unit,  
tile front and new tin roof, etc.).  
Owner—Rothschild Bros., 41 Sutter  
St., San Francisco.  
Architect—F. F. Amades, 414 Dewey  
Bldg., San Francisco.  
Bids are being received from a se-  
lected list of contractors.

**Contract Awarded**  
**ADDITION** Est. Cost, \$10,000  
OAKLAND, Alameda Co., Cal. Pied-  
mont Ave.  
Frame addition to store building.  
Owner—Andrew Williams.  
Architect—Edw. T. Foulkes, 357 12th  
St., Oakland.  
Contractor—D. W. Nicholson, 550  
Blossom Way, San Leandro.

**Contract Awarded**  
**ALTERATIONS** Cost, \$300,000  
SAN FRANCISCO, Claus Spreckels  
Bldg., Third and Market Sts.  
Alterations and additions to Claus  
Spreckels Bldg. consisting of the  
removal of the present four-story  
doms and addition of seven new  
floors, complete new lobby and  
exterior modernization of bldg.  
Owner—The Pacific States Savings  
and Loan Company.  
Architect—Albert F. Roller, Crocker  
First National Bank Bldg.  
Engineer—H. J. Brunner, Sharon  
Building.  
Contractor—P. J. Walker Co., Sharon  
Building.

**COMPLETING PLANS**  
LOS ANGELES, Calif.—Architects  
Walker & Eisen, 437 S. Hill St., Rm.  
708, are preparing working plans for  
a 2-story building, 200x172 feet, to  
be built on Vine Street, between  
Sunset Blvd. and Selma Ave., for  
Clair Brunson, Wm. Simpson Const. Co.,  
818 W. 5th St., will be the con-  
tractor. Building will contain eleven  
stores and a number of offices. It  
will also contain bowling alleys and  
a billiard room, to be operated by  
Brusavick-Balke-Collender Co., 318  
W. 9th St. It will be modern in de-  
sign; reinforced concrete construc-  
tion, exposed concrete exterior, com-  
position roof, steel sash; estimated  
cost, \$200,000. Work will start about  
June 1.

**Plans Completed**  
**ALTERATIONS** Cost, \$  
SACRAMENTO, Sacramento County,  
Calif.  
Reconstruct front of two-story brick  
building (new terra cotta unit,  
tile front and new tin roof, etc.).  
Owner—Rothschild Bros., 41 Sutter  
St., San Francisco.  
Architect—F. F. Amades, 414 Dewey  
Bldg., San Francisco.  
Bids will be taken from a selected  
list of contractors.

**Sub Contracts Awarded**  
**OFFICE BLDG.** Cost \$400,000  
SAN FRANCISCO, Sansone Street,  
between Pine and California.  
Six-story Class A office building.  
Owner—Insurance Company of North  
America.  
Architect—Office of George W. Kul-  
ham, 315 Montgomery St.  
Structural Engineer—H. J. Brunner,  
Sharon Bldg.  
Contractor—Lindgren & Robertson  
Inc., 625 Standard Oil Bldg.  
Ornamental Iron—Monarch Iron  
Works, 262 Seventh St.  
Marble—American Marble Co., P.O.

Box 578, So. San Francisco.  
Painting—J. H. Mohr, Inc., 960 7th  
St.  
Metal Windows—Truscon Steel Co.,  
604 Mission St.  
Glass & Glazing—W. P. Fuller & Co.,  
301 Mission St.  
Granite—McGivray-Raymond Corp.,  
33 Potrero Ave.  
Interior Tile Work—Malott & Peter-  
son, 2412 Harrison St.  
Ornamental Bronze—Keystone Metal  
& Plating Works, 310 Tehama  
Street.

**PREPARING PLANS**  
SANTA MONICA, Los Angeles Co.,  
Calif.—Architect Sydney Clifton, 3907  
S. Grand Ave., Los Angeles, is pre-  
paring plans for a new bank build-  
ing to be built on the northeast cor-  
ner of Fourth St. and Arizona Ave.,  
Santa Monica, for Santa Monica  
Commercial & Savings Bank; Aubrey  
E. Austin, president.

**PLANS BEING FIGURED**  
AZUSA, Los Angeles Co., Calif.—  
Until May 24, Capital Co., 643 South  
Olive St., Los Angeles, is taking gen-  
eral bids for a new bank building,  
49x100 feet, to be built in Azusa for  
the Bank of America.

**Plans Completed**  
**ALTERATIONS** Cost, \$  
MORNING, Stanislaus Co., Calif.  
Remodel two-story brick store bldg.  
(new facing, interior changes).  
Owner—Mr. Christ.  
Architect—G. N. Hilburn, 1213 I St.,  
Modesto.  
Bids will be asked shortly.

**CONSTRUCTION STARTED**  
LOS ANGELES, Calif.—Wm. Simp-  
son Construction Co., 816 W. 5th St.,  
has started work on the construc-  
tion of four-story reinforced concrete  
office building, 105x145 ft., at 4680  
Wilshire Blvd. for Farmers Auto-  
mobile Inter-Insurance Exchange.  
Cost, \$200,000. Walker & Eisen, ar-  
chitects, 437 S. Hill St.; Claud Beel-  
man, consulting architect, 1019 Un-  
ion Bank Bldg.; E. A. Evans, struc-  
tural engineer, 437 S. Hill St.

**Work Indefinitely Postponed**  
**ALTER CAFE** Cost, \$  
SAN FRANCISCO, Calif. 835 Mar-  
ket Street.  
Alterations to the cafe on the me-  
zzanine floor of the Emporium.  
Owner—The Emporium, Inc.  
Plans by Engineering Department of  
Owner.

Plans were figured by a selected  
list of contractors, however, contract  
was awarded as work has been  
indefinitely postponed.

**Completing Plans**  
**MEDICO-DENTAL BUILDING**

Cost, \$  
OAKLAND, Ala Co., Calif. Dimond  
District.  
One-story frame medico dental bldg.  
Owner Withheld.  
Architect—G. E. Ellinger, 1801 Cast-  
elene Road, Oakland.  
Plans will be completed in about  
two weeks and general bids will be  
asked of a selected list of contrac-  
tors.

**Contract Awarded**  
**ALTERATIONS** Cost, \$6,500  
SAN FRANCISCO SE 18th and Mis-  
sion Streets.  
Alter store building.  
Owner—Gerhardt-Strohmaier, 18th  
and Mission Sts.  
Contract, Not Given.  
Contractor—Ferro Enameling Co.,  
1100 57th Ave., Oakland

**Bids in Hand Under Advertisment**  
**BEMODEL STORE** Cost, \$  
SANTA ROSA, Sonoma Co., Calif.  
Fourth Street.

Remodel store.  
Owner—Kettlin Bros.  
Architect—Clarence Caulkins, Rosen-  
berg Bldg., Santa Rosa.  
Announcement shortly.

## 17— THEATRES

**Specifications Being Revised**  
**ALTERATIONS** Cost, \$10,000  
SAN FRANCISCO, 2485 Mission St.  
Alterations to theatre building (new  
front, new marquee, redecorat-  
ing, etc.).  
Owner—Majestic Theatre, 2465 Mis-  
sion Street.  
Architect—S. Chas. Lee, 381 Bush  
St., San Francisco.  
Bids will be asked about May 21.

## 18— WHARVES & DOCKS

**BIDS WANTED**  
PEARL HARBOR, T. H. — Until  
July 7, 11 A. M., as previously re-  
ported, bids will be received by the  
Bureau of Yards & Docks, Navy De-  
partment, Washington, D. C., under  
Spec. No. 8436, for the construction  
of reinforced concrete moorings at  
the 14th Naval District, Pearl Har-  
bor, T. H. Estimated cost, \$275,000.  
The moorings are to be re-  
inforced concrete platforms consist-  
ing of retaining walls, beams, bottom  
slabs, manholes and mooring fittings.  
Each platform, Type "B", will be  
supported by a precast reinforced  
concrete fender on wood piles. The  
work also includes dredging and ex-  
cavation for the installation of the  
fenders, filling the bells of the fen-  
ders with concrete filling, and the re-  
mainder of the fenders and plat-  
forms with sand or other suitable material;  
provision of macadam surfacing, fen-  
der system, and manhole fittings.

Alternate bids will be received for  
the Type "B" platforms supported  
by composite precast reinforced con-  
crete and wood piles with sand or  
sand and coral fill blanket placed  
on areas on which composite piles  
four for four of the manholes are to  
be driven. (A fender for the purposes  
of these specifications is a shell  
composed of a bottom section called  
a "bell" consisting of a hollow  
fender and a hollow truncated cone,  
and a top section called a "shaft",  
consisting of a hollow truncated  
cone and a diaphragm at the junc-  
tion of the top and bottom sections.)

Plans and specifications obtain-  
able from the office of the Com-  
mandant, 14th Naval District, Navy  
Yard, Pearl Harbor, or from Com-  
mandant, 12th Naval District, Fed-  
eral Office Bldg., San Francisco, up-  
on deposit of \$10 in the form of a  
check or money order payable to the  
Chief of the Bureau of Yards and  
Docks, Washington, D. C.

May 18, 1937

**CONTRACT AWARDED**  
LOS ANGELES, Cal.—H. M. Baruch  
Corp., 625 S. Olive St., awarded gen-  
eral contract for construction of a  
1-story store building (130x120-ft.)  
on the northwest corner of Detroit  
St. and Wilshire Blvd. for Lewis  
Conrad and associates. Contracts  
for plumbing, electric wiring, light  
fixtures, heating and air con-  
ditioning will be let later. Marcus P.  
Miller, 707 Board of Trade Bldg.,  
for permit May 14 to erect a rein-  
forced concrete office and warehouse  
building at 212 N. Vignes St. at 70  
degrees for General Elec. Realty Co.,  
owner; Albert C. Martin, ar-  
chitect.

## 19— MISC. CONSTRUCTION

**Planned**  
**ICE RINK** Cost, \$30,000  
FRESNO, Fresno Co., Calif. Black-  
stone and Home Avenues.



One-story ice skating rink (ice surface area 120 x 60 ft., with provisions for lengthening to 160 ft.), circular effect roof, etc.

Owner—Fresno Island Corp. (M. J. Shannon, President).  
Architect—David H. Horn, 433 Rowell Bldg., Fresno.

**LOW BIDDER**

SKAMANIA CO., Wash.—United Contracting Co., Stock Exchange Bldg., Portland, at \$14,276, submitted low bid to the U. S. Engineer Office, Lieut.-Col. C. F. Williams, District Engineer, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-37-373, for the restoration of buildings and grounds, etc., for the revision of the Big White Salmon Fish Hatchery, located between Hood and Underwood, Skamania County, on the north bank of Columbia River.

The work consists of excavating, hauling and placing materials, moving and raising buildings and providing new foundations therefor, the revision of the water supplies, the construction of a concrete fish ladder, and the necessary holding ponds; the restoration of buildings and grounds, and incidental work.

May 18, 1937.

**Bid Opening Postponed**

WASHINGTON, D. C.—Until June 17 (date postponed from June 2, previously reported), bids will be received by the Navy Department in the office of Secretary of the Navy Claude M. Swanson, Washington, D. C., for the construction of Battleship No. 55. Funds in the amount of \$50,000,000 have been appropriated for construction.

Following have procured plans:  
Bethlehem Shipbuilding Corporation, Quincy, Mass.  
Newport News Shipbuilding & Dry Dock Co., Newport News, Va.

May 18, 1937

**CONTRACT AWARDED**

CULVER CITY, Los Angeles Co., Cal.—Austin Co., 777 E Washington Blvd., Los Angeles, awarded contract for remodeling sound stage No. 15 at Metro-Goldwyn-Mayer Studios in Culver City. Work will include changes to soundproofing and air conditioning. Cost, \$110,000.

May 18, 1937.

**CONTRACT AWARDED**

SAN FRANCISCO.—A. Soda & Son, 5231 Grove St., Oakland, at \$3,823, submitted low bid and awarded contract by Captain H. J. Vanderauluis, H. D. Artillery Engineer, Fort Winfield Scott, under Bid No. 625-SC-37-2, for the installation of a submarine cable between Fort Baker and Fort Barry.

Complete bids follow:  
A. Soda & Son, Oakland.....\$3,823  
Underground Constr. Co., Berkeley.....4,530  
H. S. Tuttle Co., Inc., S. F.....6,430  
Wm. A. Degen, Alameda.....10,700

**Contract Awarded**

GRANDSTAND, ETC. Cont. Pr., \$10,255  
CALISTOGA, Napa Co., Calif.  
Grandstand to seat 1,000 and show barn, frame construction.  
Owner—County of Napa.  
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
Contractor—C. W. Hansen, P.O. Box 115, Santa Rosa.

**20—MISC. SUPPLIES AND MATERIALS**

CONTRACT AWARDED  
POMONA, Wash.—Pacific Portland Cement Co., 111 Sutter St., San Francisco, at \$314.34 (Items 1 and 2)

Job Pomona, awarded contract by the Bureau of Reclamation, Denver, under Bid No. A-33,557-A, for furnishing cement.

**BIDS OPENED**

OAKLAND, Cal.—Bethlehem Steel Co., Webster and Tynao Sts., Alameda, at \$3,280.77 submitted low bid to the East Bay Municipal Utility District. John H. Kimball, Secretary Oakland, under Informal Proposal No. 611, for furnishing 692 3/4-inch square steel rods, 37 ft. 1 1/2-in. long.

Complets bids follow:  
Bethlehem Steel Co., Alameda: \$3,250.77; 1 1/2 10 days.  
Kortick Mfg. Co., San Francisco: \$3,612.24.  
Payne's Bolt Works, San Francisco: \$4,671.

May 18, 1937.

**CONTRACT AWARDED**

LOS ANGELES—Wisconsin Bridge & Iron Co., Milwaukee, awarded contract by U. S. Engineer, Los Angeles, at \$31,668, for 590,000 lbs. fabricated steel for Del Rey-P. E. Ry. bridge over Ballona Creek, f.o.b. Milwaukee. Circ. Prop. 292.

Complete bids published May 5.

**CONTRACT AWARDED**

BERKELEY, Alameda Co., Calif.—Henry Cowell Lime & Cement Co., at \$2.72 per bbl., discount \$0.70 per bbl., 30 days; \$0.10 allowance for each sack returned; awarded contract by the Berkeley City Council for furnishing 10,000 bbls. of portland cement.

**BIDS WANTED**

SAN FRANCISCO.—Until May 26, 1:45 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing 72-ft. x 7-ft chain link wire fence with gate at LeRoy St., high pressure tank.

Additional information obtainable from the office of R. A. Chisholm, Superintendent of Public Buildings, 484 11th St.

Plans Being Figured  
GOLF COURSE Cost, \$.....  
SAN FRANCISCO, Presidio Golf Course.

Golf Course.  
Owner—Presidio Golf Club.  
Architect—Conrad T. Kett, 519 California Street.

Plans are being figured by a selected list of contractors.



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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	21.—Pipe Lines and Wells
23.—Irrigation Works	32.—Sewers & Sewage Equipment
24.—Sanitary Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

**PLANS COMPLETED**  
LOS ANGELES.—R. W. Stewart, city bridge engineer, has completed plans and call for bids will be issued shortly by the Los Angeles Board of Public Works for construction of reinforced concrete arch bridge across proposed new Olympic Blvd., 1100 ft. east of Fox Hills Dr., to carry 20th Century-Fox studio road across new boulevard. Structure will have 98 ft. clear span, 45 ft. wide, with appurtenant wing walls. Estimated cost, \$80,000.

The work involves:

### TEMPORARY ROADWAY

- (1) 1580 c.y. excav.
  - (2) 1714 c.y. fill;
  - (3) 14,827 sq. ft. 6-in. asph. concr. pave.;
  - (4) 450 sq. ft. 3-in. wear surf.;
  - (5) 1950 sq. ft. 2-in. rock and oil surf.;
  - (6) 420 ft. wooden guard rail;
  - (7) 11,502 bd. ft. temporary bridge.
- MAIN STRUCTURE**
- (1) 1576 c.y. class F concrete;
  - (2) 270,028 lbs. reinf. steel;
  - (3) 655 sq. ft. 3-in. one-course side-walk;
  - (4) 196 lf. metal railing;
  - (5) 7540 sq. ft. 8-in. asph. concrete pave.;
  - (6) 1090 sq. ft. asph. concr. pave. variable thick.;
  - (7) 144 concr. piles, 30 ft. long;
  - (8) 65 same, 40 ft. long;
  - (9) 17 c.y. class H concrete (railings).

May 18, 1937.

### BIDS WANTED

**SAN LUIS OBISPO CO., Calif.**—Until June 1, 2 p. m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 5 Figueroa St., San Luis Obispo, for the construction of a bridge across Arroyo Laguna, in San Luis Obispo County, about 2 miles north of San Simeon.

Plans and specifications obtainable from the above office.

### BIDS WANTED

**SONOMA, Sonoma Co., Calif.**—Until June 2, 8 p. m., bids will be received by the Sonoma City Council, Elsie A. Gottenberg, City Clerk, City Hall, for the construction of a reinforced concrete bridge in Third St. East, near East Napa St.

Plans and specifications obtainable from the above office upon payment of \$1.50, not returnable.

May 18, 1937.

### BIDS WANTED

**ELDORADO COUNTY, Cal.**—Until June 8, 2 P. M., bids will be received

by the Eldorado County Board of Supervisors, A. J. Kozetzke, Clerk, Court House, Placerville, for the construction of a reinforced concrete bridge across Tennessee Creek in the Green Valley Road, near Eggers.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

### BIDS WANTED

**DEL NORTE COUNTY, Cal.**—Until June 9, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Myrtle Creek, about ten miles north of Crescent City, consisting of eight 15-ft. slab spans on an open spandrel arch and concrete bents and abutments, and about 0.23 mile of roadway grading and treating with asphalt.

- (1) 1.7 miles clear and grub;
- (2) 25 M gal. water;
- (3) 5,300 c.y. rdwy. excav., unclass.;
- (4) 150 c.y. stripping;
- (5) 500 c.y. struc. excav.;
- (6) 60 c.y. ditch and channel excavation.
- (7) 35,100 sta. yds. overhaul;
- (8) 15.31 sta. finishing rdwy.;
- (9) 8 tons liquid asphalt SC-1A (prime coat);
- (10) 45 tons do 90-95 (Seal Coat);
- (11) 51 tons screenings (seal coat);
- (12) 152,000 lbs. bar reinf. steel;
- (13) 600 c.y. class A Portland cement concrete (struc.);
- (14) 131 c.y. do (arch, ribs, struc.);
- (15) 195 c.y. do (trailing);
- (16) 1 each concrete headwall mover and reset;
- (17) 52 lf existing 30-in. CMP removed, cleaned and relaid;
- (18) 30 lf CMP;
- (19) 2 each spitway assemblies;
- (20) 7 each bridge deck drains;
- (21) 28 each guide posts;
- (22) 2 each culvert markers;
- (23) 2 each clearance markers;
- (24) 1 only existing bridge removed and disposed of;
- (25) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

### CONTRACT AWARDED

**MONO COUNTY, Cal.**—Robert D. Paterson, 1911 San Andreas Street, Santa Barbara, at \$5,875 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for the construction of a timber and concrete bridge at East Walker River.

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento : California

6.5 miles north of Bridgeport, and grading approaches.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**SAN DIEGO, Cal.**—Until June 1, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for replacement of target pier and dredging at Naval Operating Base (Fuel Depot) San Diego, Spec. #459. Work consists of replacement of existing timber target repair pier and involving: (a) rental of all existing timber pile pier; (b) furnishing materials and constructing new crossotid pile and timber frame pier, 25 ft. wide, 345 ft. long; (c) furnishing and installing 6-ton steel stiffleg derrick, with motor - driven winch; (d) electric services to derrick; (e) dredging 14,000 c.y. adjacent to pier.

## 23— CANALS

### BIDS OPENED

**SALT RIVER PROJECT, Arizona.**—Macco Constr. Co., 815 Paramount Blvd., Clearwater, at \$68,930, submitted low bid to the Bureau of Reclamation, Phoenix, E. C. Koppen, Construction Engineer, under Spec. No. 917-D, for the construction of earthwork, canal lining, and structures, Roosevelt power canal, Salt River Project. The work is located about 20 miles northwest of Globe.

Total bids follow:

Macco Constr. Co., Clearwater	\$68,930.00
O. F. Fisher, Phoenix	80,570.00
Hoagland Engrg. & Constr. Co., Long Beach	85,641.00
Daley Corp., San Diego	87,740.00

Unit bids on file at the office of DAILY PACIFIC BUILDER.

May 18, 1937.

### CONTRACT AWARDED

**SANTA CRUZ COUNTY, T. M. Morgan, Paving Co., P.O. Box 1467, Sacramento, at \$19,666.23, awarded contract by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for improvement work in Drainage District No. 3, near Watsonville.**

Lloyd Bowman, County Surveyor. Complete total bids published on May 10th.

May 18, 1937.

### CONTRACT AWARDED

**SACRAMENTO COUNTY.**—Lloyd W. Terrell, 221 Ninth Ave., Turlock, at \$7,912.50, submitted low bid and awarded contract by Ohm & Raab, 109 E. Weber Ave., Stockton, civil engineers, for ditch lining and structures on American Trust Co. property in Sacramento County, near Walnut Grove.

The work involves:

- (1) 75,000 sq. ft. 2-in. thick concrete ditch lining;
- (2) 45 c.y. of reinforced concrete in ditch structures.

Complete bids follow:  
Lloyd Terrell, Turlock—(1) \$0.0935 per sq. ft., (2) \$20 per c.y.; total, \$7,912.50.

Ed Erickson, Modesto—(1) \$0.1025, (2) \$20 total, \$8,587.50.  
John Bevanda—(1) \$0.13, (2) \$38; total, \$11,160.

### BIDS WANTED

**ALL-AMERICAN CANAL.**—Until June 7, 10 a. m., as previously reported, bids will be received by the Bu-

reau of Reclamation, R. B. Williams, Construction Engineer, Federal Bldg., Yuma, under Spec. No. 728, for the construction of structures, All-American Canal, Station 3825 plus 80 to Station 4242 plus 85, the All-American Canal System, Boulder Canyon Project.

The work is located near Calexico. The work involves:

- (1) 14,500 c.y. excav. for struc.;
  - (2) 32,500 c.y. excav. for temporary unexcav. sections of All-American canal and of detour for West Side Main canal;
  - (3) 7,200 c.y. refill of detour channel for West Side Main canal;
  - (4) 9,360 c.y. backfill about struc.;
  - (5) 560 c.y. puddling or tamping backfill about struc.;
  - (6) 1,740 cu. yd. concr. in struc.;
  - (7) 163,500 lbs. placing reinf. bars;
  - (8) 70 lf. install rubber water seals;
  - (9) 80 sq. ft. install elastic joint-filling matl.;
  - (10) 950 sq. yds. dry-rock pave.;
  - (11) 140 lf. lay 18-in. diam. concrete pipe;
  - (12) 116 lf. lay 24-in. diam. concrete pipe;
  - (13) 84 lf. lay 30-in. diam. concrete pipe;
  - (14) 62 MFBM erect timber in struc.;
  - (15) 260 lf. erect No. 156 metal flume;
  - (16) 5,300 lbs. install 22-in. diam steel pipe;
  - (17) 300 lbs. install 30-in. diam. steel pipe;
  - (18) 76,000 lbs. install gates;
  - (19) 18,000 lbs. install radial-gate hoist and operating and control mechanisms;
  - (20) 30 lbs. install pipe handrails;
  - (21) 5,500 lbs. installing misc. metal-work;
  - (22) 850 lf. install elec. metal conduit;
  - (23) 475 lbs. install elec. conductors.
- Work shall be commenced within 30 calendar days and completed within 350 calendar days from date of receipt of notice to proceed.
- Plans and specifications obtainable from the office of the Bureau of Reclamation at Yuma, Arizona; Denver, Colorado; or Washington, D. C. without charge to prospective bona fide bidders; to others, \$2.50, not returnable.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

**SALT RIVER and Parker Dam Projects.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 731, for furnishing ten motor-driven gate hoists for operating 50x50-ft. regulating gates to be installed in the spillways at the Bartlett and Mormon Flat Dams, Salt River Project, Arizona, and in the spillway of Parker Dam Project, Calif.-Ariz.:

- (1) Three hoists;
  - (2) Two hoists;
  - (3) Five hoists.
- Koppers Co. (B. & H. Div.) Baltimore—(1) \$176,000 (2) \$132,000 (3) \$215,000; (1, 2, 3) \$49,400; fob Baltimore; ½% discount.
- York Safe & Lock Co., York, Pa.—(1) \$172,831; (2) \$122,181; (3) \$267,616; (1, 2, 3) \$280,906; (1, 2, 3) \$531,383; fob York; net.
- Footo Bros. Gear & Mach. Corp., Chicago—(1) \$194,035; (2) \$143,325; (3) \$300,845; (1, 2, 3) \$620,225; (1 and 2) \$327,000; fob Chicago; net.
- Consolidated Steel Corp., Ltd., Los Angeles—(1) \$127,617; (2) \$91,613; (3) \$204,264; (1, 2, 3) \$398,706; fob Los Angeles; net.
- Allis-Chalmers Mfg. Co., Milwaukee—(3) \$324,890; fob Milwaukee; net.
- Lakeside Bridge & Steel Co., Milwaukee—(1) \$193,724; fob Phoenix; et. (2) \$143,600; fob Mesa, Ariz.; net.
- McKiernan-Terry Corp., New York:

- (1) \$178,000; (2) \$134,500; (3) \$270,300; (1 and 2) \$291,000; fob Dover, N. J.; (1, 2, 3) \$546,680; fob Harrison N. J.; net.
- Thomas Spacing Mach. Co., Pittsburgh—(1) \$213,000; fob Glenshaw, Pa.; ½% discount.

**BIDS OPENED**

**OWYHEE PROJ., Oregon-Idaho.**—Following bids received by Bureau of Reclamation, Denver, under Spec. No. 911-D, for furnishing one direct pumping unit for the Succor Creek Pumping plant, Owyhee Project, Dayton-Dowd Co., Quincy, Ill., \$6,073; alt. \$6,073; fob Springfield, O.; net.

Morris Machine Works, Baldwinville, N. Y.: \$6,340; fob Baldwinville; net.

Pennsylvania Pump & Compressor Co., Easton, Pa.: \$7,465; fob Springfield, O.; net.

Allis-Chalmers Mfg. Co., Milwaukee: \$7,950; fob West Allis, Wis.; net.

United Iron Works, Oakland: \$8,650; fob Oakland; net.

**BIDS OPENED**

**SAN MATEO and Santa Cruz Cos., Cal.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for the rental of one pneumatically fired oil distributor, with insulated tank capacity not less than 1,000 gals., equipped with pressure pump, gauges, spray bars of standard design and a tachometer, for use in approximately 720 hours, for use in San Mateo and Santa Cruz Counties: Pacific Truck Service, San Jose \$3.40

Hayward Bldg. Materials Co., Hayward 3.50

Portola Truck Service, San Jose 3.59

Lee J. Immel, Albany 4.97

J. P. Breen, Sacramento 4.00

Link Trucking Co., Bakersfield 4.50

A. E. Garcia, Jr., Irwinston 4.50

W. C. Railing, Menlo Park 6.18

C. Mankel, Sacramento 6.21

Visalia Transfer Co., Visalia 6.50

**BIDS OPENED**

**SAN FRANCISCO.**—Guy F. Atkinson, San Russ Bldg., at \$20 per hr., submitted low bid and will be awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-273, for the rental of one 90-hp. tractor and scraper, with operator, for use on Yerba Buena Shoals.

Bay Equipment Co., at \$12.50 per hour, submitted the only other bid received.

**BIDS OPENED**

**SACRAMENTO** — Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-216, for rental of equipment as follows:

- (1) 400 hours, furnishing and operating one portable air compressor, for use near and at the North Fork Dam site.
- (2) Lump sum, mobilization and delivery of equipment and demobilization and removal of same.

Western Machinery Co., Sacramento—(1) \$1.24; (2) \$25.

The Rix Co., Inc., S. F.—(1) \$1.24; (2) \$10.

Leitch & Co., S. F.—(1) \$1.50; (2) \$100.

Sam Bates Co., Oakland—(1) \$1.84; (2) \$80.

May 18, 1937

**CONTRACT AWARDED**

**SAN FRANCISCO**—Edw. R. Bacon Co., 17th and Folsom Streets, at \$3,995 awarded contract by P. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1752, for furnishing one gasoline engine driven double drum hoist for the H.H.W.S.

Complete bids published March 30,

May 18, 1937.

**BIDS OPENED**

**BURNT RIVER PROJECT, Ore.**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 818-D, for furnishing two 24-ft. by 15-ft. automatic radial gates for installation in the spillway of Unity Dam, Burnt River Project: Beall Pipe & Tank Corp., Portland—\$3,006, f.o.b. Portland; net.

John Beam, Denver—\$6,625, f.o.b. Chicago; ½% discount.

Berkeley Steel Constr. Co., Inc., Berkeley—\$8,300, f.o.b. Berkeley; ½% discount.

Pacific Coast Engineering Co., Oakland—\$7,220, f.o.b. Oakland; ½% discount.

Lakeside Bridge & Steel Co., Milwaukee—\$8,188, f.o.b. Brogan, Ore.; net.

Valley Iron Works, Yakima—\$7,000, f.o.b. Yakima; 5% discount.

California Steel Products Co., S. F.—\$8,774, f.o.b. San Francisco; net.

American Bridge Co., Denver—\$7,416, f.o.b. Ambridge, Pa.; net.

General Iron & Steel Works, Portland—\$7,442; f.o.b. Portland; net.

May 18, 1937.

**BIDS OPENED**

**SACRAMENTO** — Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-214, for the rental of equipment as follows:

- (1) 600 hours, furnishing and operating one portable air compressor, for use near and at the Ruck-a-Chucky Dam site.
  - (2) Lump sum, mobilization and delivering of equipment to Sacramento and demobilization and removal of same therefrom.
- Sam Bates Co., Oakland—(1) \$1.35; (2) \$100.
- Machinery & Drill Steel Co., S. F.—(1) \$1.39; (2) \$25.
- Western Machinery Co., Sacramento—(1) \$1.59; (2) \$35.
- The Rix Co., Inc., San Francisco—(1) \$1.75 per hour; (2) \$30.
- Leitch & Co., San Francisco—(1) \$2; (2) \$50.
- M. B. McGowan, Inc., S. F.—(1) \$2.33; (2) \$100.
- Pacific Truck Service, Inc., San Jose—(1) \$2.50; (2) \$60.

**CONTRACT AWARDED**

**LOS ANGELES**—Kelman Electric & Mfg. Co. awarded contract by the Los Angeles Water & Power Commission, at \$70,989, for oil circuit breakers. Spec. 2263.

May 18, 1937.

**BIDS OPENED**

**SACRAMENTO** — Following bids received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-37-215, for rental of equipment as follows:

- (1) 400 hours, furnishing and operating one portable air compressor, for use near and at the Upper Narrows Dam site.
  - (2) Lump sum, mobilization and delivering of equipment, and demobilization and removal of same.
- Western Machinery Co., Sacramento—(1) \$1.24; (2) no delivery.
- Leitch & Co., S. F.—(1) \$1.50; (2) \$100.
- The Rix Co., Inc., S. F.—(1) \$1.64; (2) \$20.
- Sam Bates Co., Oakland—(1) \$1.84; (2) \$90.

**26—RAILROADS**

**BIDS OPENED**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$20,589.60 submitted low bid to the Public Utilities Commission, City Hall, for the re-

construction of Market Street tracks between Geary and Sutter Streets.

- The work involves:
- (1) Removing 2,230 ft. of existing track & pavement, single track;
  - (2) 2 each, installing and removing temporary crossovers;
  - (3) 860 c.y. excavation below pavement;
  - (4) Lump sum, installing drainage system;
  - (5) 500 c.y. furnishing crushed rock ballast;
  - (6) 150 c.y. breaking and distributing concrete ballast;
  - (7) 2,230 ft. constructing girder rail track, including hauling materials, but exclusive of excavation, paving, and bonding single track;
  - (8) Lump sum, installing special work at Geary St.;
  - (9) Lump sum, installing special work at Second St.;
  - (10) 89 each, furnishing and installing hermit welded joints;
  - (11) 11 each, furnishing and installing 300,000 c.m. copper bonds;
  - (12) 38 each, furnishing and installing 6 ft. 4/0 copper cross bonds;
  - (13) 1,150 lb. furnishing and installing 4/0 solid copper wire for special work;
  - (14) 20,100 sq. ft. asphaltic pavement on concrete base;
  - (15) 4,980 sq. ft. asphaltic conform pavement, consisting of asphaltic concrete wearing surface including removal of existing asphalt surface;
  - (16) 1,500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base;
  - (17) 2,300 ft. concrete stringer, single track.

Total bids follow:  
 (A) Eaton & Smith, S. F. .... \$30,589.60  
 (B) Chas. L. Farney, S. F. .... 32,374.30  
 Unit bids follow:

	(A)	(B)
(1) .....	\$ 2.77	\$ 2.50
(2) .....	1000.00	1235.00
(3) .....	8.00	1.50
(4) .....	100.00	230.00
(5) .....	76	2.50
(6) .....	1.00	1.00
(7) .....	3.00	2.50
(8) .....	500.00	2275.00
(9) .....	900.00	3735.00
(10) .....	20.00	20.00
(11) .....	4.00	6.00
(12) .....	3.50	5.00
(13) .....	25	.30
(14) .....	26	.25
(15) .....	15	.20
(16) .....	25	.30
(17) .....	.60	.70

Paul J. Ost, Chief Engineer.

## 28— FIRE EQUIPMENT

### BIDS WANTED

OAKLAND, Cal.—Until June 1, P. M., bids will be received by Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing a city service fire truck and chassis for the fire department.  
 Specifications obtainable from the above office. 28

## 29— STREETS AND HIGHWAYS

### CONTRACT AWARDED

HUMBOLDT COUNTY, Calif.—Albert Helwig, 115 S. Main St., Sebastopol, at \$2,287.50 awarded contract by the Humboldt County Board of Supervisors, Eureka, for approximately 65 miles of asphalt road-mix surfacing. Frank E. Kelly, county surveyor.

### BIDS WANTED

SAN FRANCISCO—Until May 21, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, for the construction

of concrete sidewalks, 15 x 255 ft., on Jefferson Street, east of Jones St. Plans and specifications obtainable at Room 502, 425 Mason St., San Francisco.

### CONTRACT AWARDED

LOS ANGELES.—Griffith Co., 501 L. A. Railway Bldg., awarded contract by Los Angeles Board of Public Works, at \$38,854.48 for grading, paving and improving Santa Barbara Avenue, between Figueroa St. and Vermont Ave.

### BIDS WANTED

COCONINO CO., Arizona.—Until June 8, 10 a.m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for 13,264 miles bituminous treatment of Sections A and B of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National Forest, Coconino County, Arizona.  
 The work involves:  
 (1) 100 c.y. unclass. excav.  
 (2) 2,000 c.y. do. for overhaul;  
 (3) 13,248 mi. road reconditioning;  
 (4) 900 M. gals. watering;  
 (5) 345 tons applying Government furnished cutback asphalt (Type MC-2) for prime coat;  
 (6) 2,800 c.y. cover (Class A pavement), split method;  
 (7) 250 tons applying Government furnished cutback asphalt (Type RC-4) for Class A pavement.  
 Plans and specifications obtainable from the Bureau of Public Roads, 247 New Post Office Bldg., P.O. Box 70, Phoenix, and Federal Office Bldg., San Francisco, upon deposit of \$10.

### CONTRACT AWARDED

VENTURA COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Building, Los Angeles, at \$83,651.40 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 2.2 miles grading and surfacing with asphalt concrete and plant-mixed surfacing in Ventura County, between Pyle Road and Telegraph Road.

### BIDS WANTED

SACRAMENTO.—Until May 26, 4:30 p.m., bids will be received by the Board of Education of the Sacramento Unified School District, Chas. C. Hughes, Secretary, 21st and L Sts., for the construction of yard, roads and sidewalks at City schools.  
 Plans and specifications obtainable from the office of Architects Starke & Flanders, 310 Bank of America Bldg., Sacramento, upon deposit of \$20.

### CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at \$66,909 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about four miles grading and paving with portland cement concrete and plant-mixed surfacing in Los Angeles County on Carson St. between Lakewood Blvd. and Norwalk Road.

### LOW BIDDERS

VENTURA CO., Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$83,651.40, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for about 2.2 miles grading and surfacing with asphalt concrete and plant-mixed surfacing in Ventura County, between Pyle Road and Telegraph Road.

The three low bids follow:

Griffith Co., Los Angeles.....\$83,651.40  
 Dimmitt & Taylor, Los Angeles ..... 91,372.00  
 Angeles ..... 91,372.00  
 United Concrete Pipe Corp., Los Angeles ..... 92,684.30  
 Complete bids will be published shortly.

### COMPLETE BID LISTING

LINCOLN COUNTY, Nevada.—C. F. Fredericksen & Sons, Lower Lake, at \$37,864.50, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in Lincoln County, from Stonehouse Station "A" 0 plus 60 to Tony Springs Station "A" 550 plus 7180, Route 7, Section D3, a length of approximately 15.73 miles.

The work involves:  
 (1) 1,198 tons asphaltic road material, Type SC-2;  
 (2) 104 tons asphaltic road material, Type MC-2;  
 (3) 15.73 miles roadmix;  
 (4) 15.73 miles finish roadway;  
 (5) 150 each, culvert markers.  
 The bids follow:  
 (A) C. F. Fredericksen & Sons, Lower Lake.....\$37,864.50  
 (B) J. A. Casson, Hayward, and U. B. Lee, San Leandro ..... 88,610.50  
 (C) Engineer's Estimate ..... 88,020.00  
 Unit bids follow:

	(A)	(B)	(C)
(1) .....	\$20.00	\$21.00	\$21.00
(2) .....	30.00	30.00	28.00
(3) .....	600.00	600.00	550.00
(4) .....	50.00	50.00	60.00
(5) .....	4.00	3.00	3.00

### CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—S. M. McGaw, 425 Lexington Avenue, Stockton, at \$375 per ton, submitted low bid and awarded contract by the Modesto City Council for furnishing and placing pavement over culverts, as required, involving approximately 400 tons of asphaltic concrete.  
 Frank J. Rossi, City Engineer.

### BIDS OPENED

SACRAMENTO, Calif.—Reliable Elevator Works, 619 California St., Sacramento, at \$6,078 submitted low bid to the Sacramento City Council, for installing electric "Stop and Go" signals at Tenth and J Streets, Eighth and K Streets, Twelfth and K Streets, and Twelfth and L Sts., Sacramento.

The other bids were:  
 Lappen & Hawley ..... \$6,246  
 Rex Moore ..... 6,290  
 Both of Sacramento.

### COMPLETE BID LISTING

VENTURA CO., Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$83,651.40, as previously reported, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for about 2.2 miles grading and surfacing with asphalt concrete and plant-mixed surfacing in Ventura County, bet. Pyle Road and Telegraph Road.

The work involves:  
 (1) 116 sta. clear and grub right of way;  
 (2) 600 M. gals. water;  
 (3) 17,000 c.y. roadway excav. uncl.;  
 (4) 800 c.y. ditch and channel exc.;  
 (5) 70,000 sta. yds. overhaul;  
 (6) 5,600 c.y. imported borrow;  
 (7) 900 c.y. imported surf. matl.;  
 (8) 1,750 c.y. struc. excav.;  
 (9) 650 c.y. exist. conc. remove and dispose of;  
 (10) 29,000 sq. yds. preparing sub-grade;  
 (11) 116 sta. finishing roadway;  
 (12) 26 tons liq. asphalt, SC-2 (prime coat);

- (13) 1,650 tons mineral aggregate (plant-mix surf.);
- (14) 10,550 lbs. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
- (15) 210 tons liq. asphalt, SC-2 (shoulders);
- (16) 16,500 sq. yds. preparing, mixing and shaping shoulders;
- (17) 10,550 sq. yds. asphaltic paint binder;
- (18) 520 tons asphaltic cement, Grade D, asphalt conc.;
- (19) 6,410 tons min. aggregate asphalt conc. (base and leveling course);
- (20) 3,060 tons mineral aggregate asphalt conc. (Type A surface);
- (21) 11,100 lbs. misc. iron and steel;
- (22) 47,000 lbs. bar reinf. steel;
- (23) 10,000 lbs. steel rail assemblies;
- (24) 470 c.y. Class A portland cement concrete (struc.);
- (25) 5 c.y. Class A port. cem. conc. (trailing);
- (26) 70 lf. 8-in. CMP;
- (27) 80 lf. 18-in. CMP;
- (28) 250 lf. 24-in. CMP;
- (29) 70 lf. 42-in. CMP;
- (30) 60 lf. 24-in. x 8 1/2-in. part circle C-M culvert;
- (31) 80 lf. exist. culverts, removed, cleaned and relaid;
- (32) 70 lf. exist. culverts, removed, cleaned, and salvaged;
- (33) 3 each spillway assemblies;
- (34) 250 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);
- (35) 220 lf. curb armor;
- (36) 190 lf. laminated guard railing;
- (37) 22 each. culvert markers;
- (38) 60 each. guide posts;
- (39) 0.8 mile exist. fences, move and re-erect.

NOTE: The State will furnish corrugated metal pipe, embankment protectors and part-circle corrugated metal, as more explicitly set forth in the special provisions.

Total bids follow:

(A) Griffith Co., L. A.	\$83,651.40
(B) Dimmitt & Taylor, L. A.	91,372.00
(C) United Concr. Pipe Co., Los Angeles	92,684.30
(D) C. O. Sparks & Mundo Eng'g Co., Sparks	94,065.50
(E) Oswald Bros., L. A.	97,440.50

Unit bids follow:

(A)	(B)	(C)	(D)	(E)
(11)	\$30.00	\$30.00	\$21.00	\$20.00
(2)	1.50	1.30	1.50	.50
(3)	.28	.30	.45	.49
(4)	.45	.80	.60	.60
(5)	.007	.01	.01	.01
(6)	.40	.70	.60	.70
(7)	.60	.70	1.00	1.30
(8)	1.00	.80	1.25	1.50
(9)	2.20	2.60	2.00	2.50
(10)	.49	.72	.70	.70
(11)	5.00	5.00	8.00	8.00
(12)	8.00	9.50	17.00	20.00
(13)	2.40	2.70	3.20	3.00
(14)	15.00	17.00	15.00	17.00
(15)	8.00	9.50	11.00	10.00
(16)	.06	.06	.08	.06
(17)	.01	.02	.02	.03
(18)	16.00	16.50	14.00	16.00
(19)	3.00	3.20	3.34	3.25
(20)	3.34	3.55	3.49	3.40
(21)	.15	.20	.16	.20
(22)	.05	.06	.05	.05
(23)	.05	.06	.05	.06
(24)	22.00	20.00	20.00	24.00
(25)	50.00	65.00	55.00	65.00
(26)	.30	.30	.70	.50
(27)	.35	.50	1.00	.60
(28)	.40	.60	.90	.70
(29)	.70	1.00	1.50	2.00
(30)	.40	.30	1.00	1.50
(31)	.90	.80	3.00	2.00
(32)	.70	.80	2.00	1.00
(33)	6.00	7.00	15.00	15.00
(34)	12.00	16.00	14.00	12.00
(35)	1.00	1.00	1.25	.85
(36)	1.00	1.20	1.00	1.00
(37)	3.00	2.50	3.00	3.00
(38)	3.00	2.50	3.00	3.00
(39)	300.00	350.00	300.00	400.00

LOW BIDDERS  
GILA COUNTY, Ariz.—Lee Moor

Concr. Co., Bassett Tower Bldg., El Paso, Texas, submitted low bid to Arizona State Highway Commission, Phoenix, at \$75,190, for highway the construction on the Superior-Miami Highway, F A 16, 1st Reop. (1937), AFE 7002. The work, which starts near the west city limits of Miami and extends southerly toward Superior for a distance of about one mile, consists of grading, draining and asphaltic surface treatment, and is to be completed on or before Dec. 15, 1937.

- The principal items are:
- 73,300 c.y. roadway excav.
  - 3,500 c.y. slides and overbreakage;
  - 8,900 c.y. drainage excav.
  - 500 c.y. struc. excav.
  - 96,700 sta. yds. overhaul;
  - 4.5 c.y. imp. borrow (CIP);
  - 5,200 c.y. selected material (CIP);
  - 450 M. gals. sprinkling;
  - 720 hours rolling;
  - 528 c.y. Class A concrete;
  - 71,300 lbs. reinf. steel;
  - 890 lf. C.M. pipe (5 sizes);
  - 4,328 lf. road guard;
  - 500 lf. rail bank protection (Type B);
  - 85 lf. standard paved R.R. crossing (Type B);
  - 74 tons cutback asphalt;
  - 180 c.y. cover coat (concrete sand);
  - 10,000 sq. yds. salvaging and stockpiling oil cake;
  - Lump sum, removal of concrete bridge.

George Orr submitted second low bid at \$79,757.

GIDS WANTED  
LOS ANGELES.—Until June 1, 2 p.m., bids will be received by the Los Angeles county supervisors for improvement of 103rd Street in the vicinity of Watts, from Grape Street easterly to Alameda Street, a total distance of 2700 in. ft., or 1/2 mile, under Cash Contract No. 500.

- The work involves:
- (1) 800 c.y. excav. incl. shaping;
  - (2) 232 lf. monolithic conc. curb and gutter;
  - (3) 55 sq. ft. 6-in. conc. gutter;
  - (4) 13,500 sq. ft. 3 1/2-in. conc. walk;
  - (5) 400 tons pre-mix pave.;
  - (6) 550 tons 4-in. dist. rock base.
- Geo. W. Jones, county road commissioner, Mame E. Beatty, clerk of board.

BIDS WANTED  
RIVERSIDE COUNTY.—Until June 1, 4 p.m., bids will be received by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to existing shoulders on 45.1 miles in Riverside County, between Routes 26 nr. Inyo and Desert Center.

The work involves 1285 tons liquid asphalt, SC-2, in place.

Plans and specifications obtainable from the above office.

BIDS WANTED  
SAN DIEGO COUNTY.—Until June 1, 3 p.m., bids will be received by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to existing roadbed on about 13.5 miles in San Diego County at various locations between Jamul and White Star.

The work involves 309 tons liquid asphalt, SC-3, in place.

Plans and specifications obtainable from the above office.

LOW BIDDERS  
TUCSON, Ariz.—White & Miller, Tucson, submitted low bid to the Tucson city council, at \$17,742.83 (alternate A) and at \$19,175.89 (alternate B), for improving streets in Southwest District Paving Improvement, Res Inten No. 1418. Work involves 12,463 sq yds 3-in. asphalt

pav., 5178 ft. 14-in. concrete curb, 12,786 sq. yds. subgrade, house conc sewers, rest manhole, lampole, survey mon., etc.

Tanner Constr. Co., Phoenix, was second bidder at (A) \$18,331.58 and (B) at \$20,726.78.

Geo. W. Seelye, city engr.

LOW BIDDERS  
APACHE CO., Ariz.—George Orr, El Paso, submitted low bid to Arizona State Highway Commission, Phoenix, at \$70,044, to construct a portion of the Holbrook-St. Johns Highway, F.A. 6-B, 1st Reop. (1937), A.F.E. 2689. The work extends from Concho northerly for 5 1/2 miles and consists of grading, draining, aggregate base course and asphalt surface treatment and is to be completed before Nov. 30, 1937.

- The work involves:
- 44,600 c.y. roadway excav.;
  - 800 c.y. struc. excav.;
  - 52,600 sta. yds. overhaul;
  - 1,200 c.y. mlie haul;
  - 42,800 c.y. imp. borrow.;
  - 21,900 c.y. wet matls.;
  - 12,500 tons agr. base course;
  - 13,700 c.y. stripping pits;
  - 1,575 M. gals. sprinkling;
  - 650 hours rolling;
  - 744 c.y. Class A concrete;
  - 12,200 lbs. reinf. steel;
  - 1,252 ft. corr. metal pipe;
  - 56,800 ft. line fence;
  - 71,300 tons SC-2 road oil;
  - 475 tons cover coat (concr. sand).
- Next two bids were: Tiffany Construction Co., \$72,345; Tanner Constr. Co., \$72,660.

BIDS WANTED  
LASSEN COUNTY, Cal.—Until June 2, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 1.1 miles surfacing with road-mix surfacing in Lassen County between Milford and two miles north, between Johnstonville and Lake Leavitt, and between Litchfield and 5.3 miles northeast.

Plans and specifications obtainable from the above office.

BIDS WANTED  
NAPA COUNTY, Cal.—Until June 1, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 3.3 miles surfacing with imported surfacing material and applying penetration oil treatment, and installing underdrains, in Napa County, between the summit of Mt. St. Helena and the northerly boundary.

The work involves:

- (1) 75 M. gals. water in place;
- (2) 36,000 sq. yds. preparing subgrade;
- (3) 7,000 c.y. imported surf. material;
- (4) 72 tons liquid asphalt, SC-1A;
- (5) 38 tons liquid asphalt, SC-2;
- (6) 400 c.y. structure excavation;
- (7) 2,050 lf. 8-in. perforated metal pipe in place (to be furnished by the State);
- (8) 360 c.y. rock filling material.

Plans and specifications obtainable from the above office.

BIDS WANTED  
ORANGE COUNTY, Calif.—Until June 1, 2 P. M., bids will be received by State Division of Highways, S. V. Cortelovo, District Engineer, 808 State Bldg., Los Angeles, for widening and paving with asphalt concrete and portland cement concrete the southwest ramp at the Newport Beach grade separation in Orange County.

The work involves:

- (1) 40 M. gallons water;
- (2) 40 c.y. existing concrete removed and disposed of;
- (3) 200 c.y. rdwy. excav. without classification;

- (4) 1,250 c.y. imported borrow;  
 (5) 600 sq. yds. preparing subgrade;  
 (6) finishing roadway;  
 (7) 75 tons asphalt concrete;  
 (8) 200 lbs. bar reinforcing steel;  
 (9) 70 c.y. Class A portland cement concrete (pavement);  
 (10) 100 each, pavement dowels;  
 (11) 40 c.y. Class A portland cement concrete (curbs and gutters).
- Plans and specifications obtainable from the above office.

**BIDS WANTED**

**MONTEREY CO., Calif.**—Until June 1, 2 P. M. bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for about 1.3 miles surfacing with plant-mixed surfacing in Monterey County, at various locations between Greenfield and Salinas River.

Plans and specifications obtainable from the above office.

**BIDS OPENED**

**OAKLAND**—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$4,972.56, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the improvement of 25th Street, between 23th and Cypress Streets.

The work involves:

- (1) 2,727 c.y. preliminary grading;  
 (2) 755 c.y. imported fill;  
 (3) 8,988 sq. ft. concrete pavement;  
 (4) 6,470 sq. ft. waterbound macadam shoulders with armor coat surface;  
 (5) 106 lf. 10-in. pipe conduit;  
 (6) 1 storm water inlet, Type M;  
 (7) 1 manhole.

Total bids follow:

(A) Lee J. Immel, Berkeley, \$4,972.56  
 (B) Independent Constr. Co., Oakland, 5,307.84

Unit bids follow:

	(A)	(B)
(1)	\$0.22	\$0.24
(2)	1.40	2.00
(3)	24	22
(4)	15	15
(5)	2.50	2.25
(6)	70.00	65.00
(7)	70.00	90.00

**BIDS OPENED**

**PITTSBURG**, Contra Costa Co., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$9,447 submitted low bid to the Pittsburg City Council, Frank R. Taormina, City Clerk, for the construction of bituminous macadam surfacing on about one mile of street in the city of Pittsburg (State Highway route).

The complete bids follow:

Lee J. Immel, Berkeley, \$9,447.00  
 Hayward Bldg. Materials Co., Hayward, 10,103.75  
 W. H. Larson, Oakland, 11,202.00

Bids forwarded to the State Division of Highways, Sacramento, with the recommendation that contract be awarded the low bidder.

The work involves:

- (1) raising 7 sewer manholes;  
 (2) raising 13 gate valve boxes;  
 (3) 1,950 tons of coarse rock screenings;  
 (4) 215 tons medium do;  
 (5) 275 tons fine do;  
 (6) 95 tons special do;  
 (7) 30,500 gals. asphaltic emulsion;  
 (8) one drainage system.

**BIDS OPENED**

**STOCKTON**, San Joaquin Co., Cal.—Heafey-Moore Co., 344 High Street, Oakland, at \$13,419.95, submitted low bid to the Stockton City Council, E. L. Trahern, City Clerk, for the resurfacing of South El Dorado Street, between Lafayette St. and Charter Wav.

The work involves:

- (1) 40 c.y. earth excav.  
 (2) 44.1 tons gravel base pavement;  
 (3) 1,960 sq. ft. exist. pavement to be

lowered;

- (4) 19,685.84 sq. yds. existing pavement surface to be placed, including removal of existing pavement adjacent to gutters and removal of trimmings, etc.;  
 (5) 819 tons liquid asphalt for paint coat;  
 (6) 112 tons asphaltic concrete leveling course and wearing surface course;  
 (7) 32 existing manholes to be raised.

Total bids follow:

(A) Heafey-Moore Co., Oakland, \$13,419.95  
 (B) S. M. McGaw, Stockton 15,529.50

Unit bids follow:

	(A)	(B)
(1)	\$1.50	\$1.00
(2)	0.05	2.00
(3)	0.05	1.80
(4)	0.12	0.15
(5)	20.00	20.00
(6)	4.65	5.40
(7)	10.00	5.00

Bids held under advisement for one week. Lyle Payton, city engineer.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until June 2 10 A. M. bids will be received by the Los Angeles Board of Public Works for improving Venice Blvd. between Arlington Ave. and 6th Ave., a cash contract. Work involves:

- (1) Lump sum grading (509 cu. yds. excavation; no fill, inc. removal of existing improvements);  
 (2) 783 tons asph. conc. wearing surface;  
 (3) 861 tons asphalt concrete base;  
 (4) 894 cu. unplastered light class curb;  
 (5) 15 ft. unplastered heavy do;  
 (6) 192 sq. ft. concrete gutter, 8-in. thick;  
 (7) 4 existing manholes to be reset;  
 (8) existing catchbasins to be re modeled.

**BIDS WANTED**

**COLUSA, Yolo and Butte Counties**,—Until June 1, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying penetration oil treatment on about 27.5 miles in Colusa, Yolo and Butte Counties, between Oroville 15 and Madison, and between Oroville and West Branch of Feather River.

The work involves:

- (1) 217 tons liquid asphalt SC-3 (Location A);  
 (2) 50 tons do (Location B);  
 (3) 100 tons liquid asphalt SC-4 (Location B);  
 (4) 1,225 tons sand cover material (Location B).

Plans and specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER.

**BIDS WANTED**

**SHASTA COUNTY**—Until June 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.7 mile grading and surfacing with crusher run base and road-mix surfacing in Shasta County at China Gulch.

The work involves:

- (1) 225 M. gals. water;  
 (2) 115 c.y. removing existing conc.;  
 (3) 8,900 c.y. roadway excav., uncl.;  
 (4) 210 c.y. struc. excav.;  
 (5) 65 c.y. ditch and channel excav.;  
 (6) 5,000 c.y. imported borrow;  
 (7) 1,000 sta. yds. overhaul;  
 (8) 36 sta. finishing roadway;  
 (9) 1,400 c.y. crusher run base;  
 (10) 7 tons liq. asphalt, ROMC-2 or ROMC-4 (prime coat);  
 (11) 1,650 sq. yds. asphaltic paint binder;  
 (12) 850 c.y. mineral aggregate (road-mix surf.);

- (13) 47 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix surf.);

- (14) 10 tons liq. asphalt, ROMC-3 or ROMC-4 (seal coat);  
 (15) 50 c.y. sand (seal coat);  
 (16) 26,000 lbs. bar reinf. steel;  
 (17) 180 c.y. Class A portland cement conc. (struc.);  
 (18) 24 lf. 12-in. CMP;  
 (19) 30 lf. removing and salvaging pipe culverts;  
 (20) 1,000 lf. laminated guard railing;  
 (21) 835 lf. remove existing guard railing;  
 (22) 2 each, culvert markers;  
 (23) 1 only, remove existing bridge;  
 (24) 10 each, monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

**BIDS WANTED**

**PLUMAS COUNTY**—Until June 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 16.1 miles surfacing with road-mix surfacing and applying seal coat thereto, in Plumas County between Feather River Inn and Beckworth.

The work involves:

- (1) 8,200 c.y. mineral aggregate;  
 (2) 470 tons liq. asphalt, ROMC-3 or ROMC-4 (surfacing);  
 (3) 156 tons liq. asphalt, ROMC-3 or ROMC-4 (seal coat);  
 (4) 1,180 c.y. sand (seal coat).

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

**BIDS WANTED**

**MADERA COUNTY**—Until June 9, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for installing underdrains on about 8 miles in Madera County between Kelsah Corners and Coarse Gold.

The work involves:

- (1) 220 lf. 8-in. perf. metal pipe;  
 (2) 1,250 lf. 6-in. perf. metal pipe;  
 (3) 1,250 lf. 4-in. perf. metal pipe;  
 (4) 700 c.y. struc. excav.;  
 (5) 1,150 c.y. rock filling material.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno.

**BID OPENING DATE EXTENDED**

**SHOSHONE RESERVATION, Nev.**—Until May 28, 2 P. M. (time extended from May 29) bids will be received by U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for construction of earthen diversion dam on Owyhee River at Shoshone Reservation, Nev., near Owyhee, P. No. 295.

The work involves:

- (1) lump sum—diversion and care of river during construction;  
 (2) lump sum—stripping, rolling & preparation of embankment;  
 (3) 1708 c.y. excav. common, (cut-off trench);  
 (4) 25,300 c.y. do (spillway);  
 (5) 1925 c.y. excav., struc.;  
 (6) 25,000 c.y. excav., unclass. (canals);  
 (7) 286 c.y. excav., solid rock;  
 (8) 19,400 c.y. earthfill in embank.;  
 (9) 167 c.y. conc. mass in weir;  
 (10) 330 c.y. reinf. conc.;  
 (11) 33,000 lbs. placing reinf. bars;  
 (12) 895 c.y. riprap;  
 (13) 5,000 lbs. placing and painting metal work.

**BIDS WANTED**

**TUOLUMNE CO., Cal.**—Until June 2, 2 p. m., bids will be received by the Bureau of Public Roads, J. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 2,107 miles grading and placing subgrade reinforcement on Section A2 of Rte. 4, the Tioga Road, Yosemite National Park, Tuolumne County.

- (1) 46,000 c.y. unclass. excav.;
- (2) 750 c.y. do. for structures;
- (3) 5,500 c.y. sod excav.;
- (4) 11,600 c.y. unclass. excav. for borrow;
- (5) 7,000 sta. yds. overhaul;
- (6) 15,700 c.y. m. haul;
- (7) 1,410 lf. corrugated metal pipe;
- (8) 1 Type A spillway inlet;
- (9) 5 c.y. concrete;
- (10) 200 lbs. reinf. steel;
- (11) 44 c.y. masonry;
- (12) 3 cast slab grates.

Plans and specifications obtainable from the above office upon deposit of \$10.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Southern California Roads Co., 2145 E 25th St., awarded contract by Los Angeles Board of Public Works at \$16,064.49 for grading and paving Crenshaw Blvd. bet. Slauson Ave. and 60th St., a cash contract.

**BIDS WANTED**

**COCHISE COUNTY, Ariz.**—Until June 2, 2 P. M., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, for improvement of Benson-Douglas Highway (EA 79-C, 1st resp.) (1927) AFE 8001. Work begins at Tombstone and extends 5½ miles southeast and involves grading, draining, aggregate base course and asphalt surface treatment; to be completed before Jan. 31, 1935. Approximate quantities are: 93,600 c.y. rdwy. excav.; 2,000 c.y. slides and overbreakage; 5800 c.y. drainage excav.; 18,000 ft. grader ditches; 3,000 ft. crown ditches; 2,500 c.y. struc. excav.; 78,200 sta. yds. overhaul; 850 c.y. mile haul; 17,200 c.y. imp. borrow; 24,400 c.y. m. imp. borrow haul; 27,700 c.y. select material; 10,300 tons aggregate base course; 200 M. gals. sprinkling; 1260 hours of rigging; 919 c.y. Class A concrete; 105,900 lbs. reinf. steel; 2266 ft. CMP 47 road guard; 11,000 ft. line fence; 1800 ft. road guard; 315 tons cutback asph (MC-2); 1100 tons cover coat (concrete sand). ALT. items: 2600 c.y. struc. excav.; 590 c.y. A concrete; 46,000 lbs. reinf. steel; 300 c.y. cement rubble masonry; 190 ft. 150-in. multiple plate. Certified or cashiers check, 5%.

**BIDS WANTED**

**LOS ANGELES AND ORANGE COUNTIES.**—Until June 10, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to shoulders on about 33.9 miles in Los Angeles and Orange Counties, at various locations.

The work involves:

- (1) 268,800 sq. yds. preparing, mixing, and shaping shoulders;
- (2) 2,160 tons liquid asphalt, SC-2.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

**BIDS WANTED**

**TRUCK VALLEY PROJECT, Nev.**—Until May 28, 2:30 p. m., bids will be received by U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for completion of 1500 cu. ft. pressure grouting of foundation and

150 cu. ft. grouting radial contraction joints of Wild Horse Dam in Nevada, Duck Valley Federal Irrigation Proj. No. 205. Invit. No. 0399

**BIDS WANTED**

**LAKEPORT, Lake Co., Calif.**—Until May 24, 8 P. M., new bids will be received by the Lakeport City Council, D. W. Dillard, City Clerk, Library Bldg., for the retaining of Reservoir No. 1, Lakeport, with an 8-in. concrete wall.

Plans and specifications obtainable from the above office.

No bids on the work were received at a previous opening April 19.

**31—PIPE LINES & WELLS****BIDS OPENED**

**MARIN COUNTY.**—Cannon Bros., 225 South Paines Ave., Compton, at \$3.95 per lf. submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-37-272, for making approximately 17 test borings on the south slope of Wolfe Ridge, near Tennessee Point, Marin County.

The work involves:

- (1) 210 lf. boring in soil and overburden;
- (2) 200 lf. boring in rock.

Complete bids follow:  
Cannon Bros., Compton—(1) \$3.95; (2) \$3.95.

J. G. Grattan, San Francisco—(1) \$4.90; (2) \$7.00.

M. B. McGowan, Inc., S. F.—(1) \$4.25; (2) \$15.

Milton A. Purdy, Oakland—(1) \$16.90; (2) \$16.90.

**BIDS WANTED**

**EUREKA, Humboldt Co., Calif.**—Until June 3, 8 p. m., bids will be received by the Eureka City Council, A. Walter Kildale, City Clerk, City Hall, for the construction of the pipe line unit of the Mad River Water Supply Project.

The work involves construction of a gravity supply line, 23 miles in length, from the dam now under construction on Mad River to the existing distribution tanks on Harris and E Streets in the City of Eureka. Ten miles of the upper half of the line will be of concrete and lined steel pipe 30 inches in diameter, scattered sections will be of 36-in. diameter redwood stave, ten miles at the city end of the line will be of lined steel pipe nearly all 24 inches in diameter, and there will be 1,235 feet of 18-in. lined steel pipe within the city.

Bids will be taken as follows:  
**Wood Stave Pipe:**

- (1) 51,900 lf. continuous stave redwood pipe with two bands per lf., installed complete on supports;
- (2) 29,000 additional bands, complete, installed;
- (3) 690 c.y. excavation of drainage or stream channel changes.

**Steel Pier and Girder Crossings**

- (4) 85,000 lba. structural steel girder and piers, erected in place;
- (5) 8,000 lba. reinforcing steel in concrete piers & anchor blocks, complete;
- (6) 462 c.y. Class B concrete in the footings, piers, abutments and anchor and junction blocks, including excavation, in place;
- (7) Cement, in case of increase or decrease from specified requirements, add or deduct per c.f.;
- (8) 28 each concrete piles, in place;

**Wood Stave Pipe Accessories**

- (9) 19 each blow-off valve assemblies complete;
- (10) 10 lf. 4-in. cast iron pipe in excess of 4-ft. in blow-off valve assembly, installed;
- (11) 31 each, air and vacuum valve assemblies, installed with housing complete;

- (12) 3 each 24-in. gate valves installed with housing complete;
- (13) 18 MFEM plank foot walk on treaties, complete in place;

**Lined and Concrete Coated****Steel Pipe**

- (14) 54,200 lf. 24-in. dia. pipe line installed in trench, per lf.;
- (ALT. a) Centrifugal concrete lined and gunite coated steel pipe;
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;
- (15) 6,700 lf. 30-in. dia. pipe line installed in trench, per lf.;
- (ALT. a) Centrifugal concrete lined
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;

- (16) 900 lf. 30-in. dia. pipe line in tunnel, installed complete, per lf.;
- (ALT. a) Centrifugal concrete lined
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;

- (17) 1,200 lf. 30-in. dia. pipe line with welded joints in river crossings, installed in trench, per lf.;
- (ALT. a) Centrifugal concrete lined
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;

- (18) 1,245 lf. 18-in. dia. pipe line in trench, installed per lf.;
- (ALT. a) Centrifugal concrete lined
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;

- (19) 3,000 c.y. excavation in river;
- (20) 1,000 c.y. Class C concrete encasing welded steel pipe in place
- (20½) 100 lf. 4-in. cast iron pipe in excess of 12 lf. in blow-off valve assembly, installed;

- (21) 62 each, piles, 20 ft. or less, in place;
- (22) Piling required in excess of 20 ft. in length, in place, per lf.;
- (23) 555 lf. concrete support for 24-in. dia. pipe, complete;
- (24) 400 lf. timber grillage pipe support, in place;
- (25) 7,660 lf. 30-in. dia. pipe line installed in trench;

- (26) 250 each expansion joints in excess of standard joints on 24-in. dia. pipe;
- (ALT. a) Centrifugal concrete lined
- (ALT. b) Cement wrapped steel durable pipe;
- (ALT. c) Cement wrapped bituminous lined steel pipe;

- (27) 120 c.y. Class B concrete in anchor blocks, in place;
- (28) Cement, in case of increase or decrease from specified requirements, except in pipe coatings or linings, add or deduct, per cu. ft.;
- (29) 15 each, blow-off valve assemblies, installed complete;
- (30) 22 each air release and vacuum valve assemblies, installed complete;
- (31) 3 each, 42-in. gate valves, installed with concrete encasement;
- (32) 5 each, 20-in. gate valves, do.;
- (33) 1 each, 18-in. gate valve, do.;
- (34) 1 each, 12-in. gate valve, do.;
- (35) flow regulating valve assembly, including piping floats and actuating mechanism installed, complete;

- (36) 7 ea. manholes with wood covers;

- (37) 2 ea. manholes with wood covers;

- (38) 2 ea. manholes with wood covers;

- (39) 2 ea. manholes with wood covers;

- (40) 2 ea. manholes with wood covers;

- (41) 2 ea. manholes with wood covers;

- (42) 2 ea. manholes with wood covers;

- (43) 2 ea. manholes with wood covers;

- (44) 2 ea. manholes with wood covers;

- (45) 2 ea. manholes with wood covers;

- (46) 2 ea. manholes with wood covers;

- (47) 2 ea. manholes with wood covers;

- (48) 2 ea. manholes with wood covers;

- (49) 2 ea. manholes with wood covers;

- (50) 2 ea. manholes with wood covers;

- (51) 2 ea. manholes with wood covers;

- (52) 2 ea. manholes with wood covers;

- (53) 2 ea. manholes with wood covers;

- (54) 2 ea. manholes with wood covers;

- (37) 3 each, manholes with cast iron frames and covers;  
**Concrete Manholes for Air Release and Vacuum Valve Assemblies, Complete, of Two Types**  
 (38) 6 each, manholes with wood covers;  
 (39) 6 ea., manholes with wood covers, inc. saddle opening in pipe and cover;  
 (40) 12 ea., manholes with cast iron frames and covers;  
**Gate Valve Manholes Complete of Two Types**  
 (41) 7 ea., manholes with wood covers;  
 (42) 5 each, manholes with cast iron frames and covers;  
 (43) 1 each, reinforced concrete control valve pit, complete in place  
 (44) 1 each, reinforced concrete overflow outlet structure on concrete overflow pipe, complete in place;  
 (45) Lump sum, chlorination building, complete with all drains, conduits, electric wiring and lamps and water piping, but without operating equipment;  
 (46) Lump sum Venturi tube installed in pipe line, together with meter installed in house with necessary copper pressure piping, complete, in place;  
 (47) Lump sum, monorail trolley, hoist, scale, pump and motor, together with starting and control equipment.

Plans and specifications obtainable from the office of the City Clerk, Eureka, upon payment of \$17.50 (not returnable); and on file at the office of C. C. Kennedy, Consulting Engineer, Room 548, Call Bldg., San Francisco.

## 32—SEWERS & SEWAGE DISPOSAL PLANTS

### BIDS OPENED

VALLEJO, Solano Co., Calif.—Peter J. McHugh, 3004 16th St., San Francisco, at \$23,343.38, submitted low bid to the Vallejo City Council, City Hall, for the construction of sewers in Napa, Sonoma and Maryland Streets.

The work involves:

- (1) 1336 lf. untreated Douglas fir piling;
- (2) 2842 lf. creosoted do;
- (3) 200 each, driving piles;
- (4) 11.5 MBM Douglas fir lumber and timber;
- (5) 145 MBM redwood lumber and timber;
- (6) 14 MBM timber trench bracing;
- (7) 100 c.y. additional excavation;
- (8) 50 tons quarry waste;
- (9) 40 c.y. Portland cement concrete jacket;
- (10) 272 lf. 39-in. ID reinforced concrete pipe sewers, all trench depths;
- (11) 8 lf. 30-in. VC pipe sewer, all trench depths;
- (12) 200 lf. 18-in. do, over 7-ft. depth
- (13) 120 lf. 18-in. do, 4 to 7 ft., inclusive;
- (14) 651 lf. 18-in. do, less than 4 ft.;
- (15) 360 lf. 18-in. do, all trench depths;
- (16) 50 lf. 12-in. do, trench depth over 8-ft.;
- (17) 316 lf. 12-in. do, 4 to 8 ft., inclusive;
- (18) 150 lf. 12-in. do, less than 4 ft.;
- (19) 100 lf. 8-in. do, all trench depths;
- (20) 240 lf. 8-in. do;
- (21) 4 only, manholes, depth less than 5 ft.;
- (22) 1 only, manhole, depth over 5 ft.;
- (23) 1 only, manhole, special substructure;
- (24) 7 only, catchbasins;
- (25) 3 c.y. concrete curb, sidewalk and sidewalk;
- (26) 16 ft. 48-in. I D reinforced concrete pipe (furnished by city) reported and laid complete.

Total bids follow:

(A)	(B)	(C)	(D)
(1).....	\$ 0.30	\$ 0.30	\$ 0.54
(2).....	79	80	109
(3).....	30.00	20.00	23.00
(4).....	70.00	130.00	102.00
(5).....	100.00	150.00	132.00
(6).....	50.00	10.00	80.00
(7).....	2.00	2.00	5.00
(8).....	2.00	1.50	4.00
(9).....	25.00	20.00	16.00
(10).....	12.00	30.00	10.85
(11).....	10.00	10.00	6.94
(12).....	4.50	2.00	4.07
(13).....	3.50	2.00	3.90
(14).....	2.80	2.00	3.80
(15).....	2.60	1.75	3.42
(16).....	3.00	1.50	2.80
(17).....	1.80	1.40	2.80
(18).....	1.40	1.20	2.45
(19).....	1.10	1.00	1.50
(20).....	1.00	80	1.25
(21).....	100.00	70.00	80.00
(22).....	125.00	80.00	90.00
(23).....	250.00	90.00	100.00
(24).....	125.00	70.00	200.00
(25).....	20.00	20.00	30.00
(26).....	7.00	10.00	4.00

T. D. Kilkenny, City Engineer

### AWARD RECOMMENDED

SAN DIEGO, Cal.—Charles and F. W. Steffen, 2015 Bay Front, San Diego, at \$3,395, submitted low bid and recommended for award of contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 8446, for extension of sanitary sewer at the Naval Operating Base (Air Station), San Diego.

The work consists of the provision of all materials and the extension of an existing under-water, 24-in. outfall. The outfall extension will be approximately 156 feet long and will be founded on the under-water beach bottom, except the outboard section will be supported on two creosoted wood pile bents.

The other bids were:

Robert Dawson	\$3,437
Lipscomb & Barclay	3,569

### CONTRACTS AWARDED

MODESTO, Stanislaus Co., Calif.—Contracts for furnishing equipment and materials to be used in construction of an extension to the sewer system have been awarded by the Modesto City Council as follows:

Dorr Co. Los Angeles—\$4,503 for a four-arm 90-ft. diam. rotary sewage distributor.

Fairbanks Morse & Co., San Francisco—\$190.35 for two vertical 12-in. suction, single stage, axle flow, propeller type pumps, one with capacity of 240 g.p.m. and one with capacity of 2,400 g.p.m.

California Corrugated Culvert Co., Berkeley—\$580.03, for 92-ft. 10-ga. asbestos coated corrugated sewer pipe.

### CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Peter J. McHugh, 3004 16th St., San Francisco, at \$23,343.38, awarded contract by the Vallejo City Council, City Hall, for the construction of sewers in Napa, Sonoma, and Maryland Streets.

Complete bids published May 18.  
 T. D. Kilkenny, City Engineer.

## 33—WATER WORKS

### CONTRACT AWARDED

SAN FRANCISCO—E. J. Treacy, 2001 Bldg., at \$28,699.88, awarded contract by the Department of Public Works, City Hall, under Spec. No. 3904 for the construction of Sec-

tion C of the Embarcadero District High Pressure System.

### BIDS WANTED

ARIZONA—Until June 3, bids will be received by F. A. Kittredge, Chief Engineer, National Park Service, 250 Federal Office Bldg., San Francisco, and by Mr. C. J. Smith, Superintendent, Petrified Forest National Monument, Holbrook, Arizona, for the construction of water and sewer systems in the Petrified Forest Area, Petrified Forest National Monument, Arizona.

The work involves:

- (1) 2,200 c.y. unclass. excav. for structures, trenches and footings;
- (2) Constructing a 50,000-gal. reinforced concrete reservoir, including all valves, piping and appurtenances;
- (3) Constructing a 5,000-gal. reinforced concrete septic tank, including all valves, piping, sewage siphon, effluent and sprinkler lines, and all appurtenances;
- (4) Constructing a concrete and stone pump house, 15 x 17 ft., including a 2500-gal. concrete sump;
- (5) Furnishing and laying 7,850 lf. 2½-in. galvanized steel pipes;
- (6) Furnishing and laying 473 lf. 2-in. galvanized steel pipe;
- (7) Furnishing and laying 200 lf. 3-in. galvanized steel pipe;
- (8) Furnishing and laying 160 lf. 4-in. galvanized steel pipe;
- (9) Furnishing and laying 870 lf. 6-in. vitrified sewer pipe;
- (10) Constructing 5 reinf. concrete manholes;
- (11) Furnishing and laying 2,680 lf. 8-in. cast-iron water pipe;
- (12) Furnishing and laying 210 lf. 8-in. cast-iron pipe;
- (13) Furnishing and laying 340 lf. 4-in. cast-iron pipe;
- (14) Installing engine and pumping equipment complete in power house, including underground storage tank, piping and all appurtenances.

Plans and specifications obtainable from the above offices upon deposit of \$5.

### BIDS WANTED

SAN FRANCISCO—Until June 2, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 184, for the laying of 2, 4-, 6-, and 8-inch cast iron mains in Palmetto St., Charles, Commercial and Emery Lane.

The work involves:

- (1) 1,030 lf. excavation and backfill for 2-in., 4-in., 6-in. and 8-in. pipe trench 17-in. wide by 36 in. deep;
- (2) 30 c.y. additional excavation and backfill;
- (3) 100 sq. ft. additional pavement removal and replacement;
- (4) Installing pipe:
  - (a) 150 lf. of 2-in. bell and spigot cast iron pipe;
  - (b) 300 lf. 4-in. bell and spigot cast iron pipe;
  - (c) 320 lf. 6-in. bell and spigot cast iron pipe;
  - (d) 260 lf. 8-in. bell and spigot cast iron pipe;
- (5) 3,000 lbs. installing of fittings, gate valves, etc.;
- (6) 140 lf. bell and spigot joints for pipe and fittings;
- (7) 2,700 sq. ft. of asphaltic concrete repavement;
- (8) 12 each, installation of ¾-in. screw taps;
- (9) 200 lf. installation of ¾-in. copper service pipe.

Plans and specifications obtainable at Room 605, Mason St., San Francisco, upon deposit of \$5.00.  
 N. A. Eckart, general manager and chief engineer.



**WHITE PINE & ELKO COUNTIES, NEVADA—79.06 MI. HIGHWAY CONSTRUCTION—(State)**

WHITE PINE and Elko Counties, Nev.—Dodge Construction, Inc., Fallon, Nevada, and J. C. Compton, McMinnville, Oregon, at \$238,591.10, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the state highway system in White Pine and Elko Counties from junction of Route 24 to Wells, Route 13, Sections A, A1, A2, B1, B2, B3, a length of approximately 79.06 miles. The work involves:  
(1) 232 lf. remove culvert pipe;  
(2) 885 c.y. roadway excav.;

- (3) 5,703 c.y. select borrow;
- (4) 290 c.y. struc. excav.;
- (5) 0.5 mile subgrade;
- (6) 20 miles reshape roadway;
- (7) 79.05 miles finish roadway;
- (8) 6,617 tons asphaltic road material, Type SC2;
- (9) 520 tons asphaltic road material, Type MC2;
- (10) 79.05 miles roadmix;
- (11) 424 each, culvert markers;
- (12) 0.5 mile salvage and relay gravel surface;
- (13) 20,650 tons crushed gravel or stone surface;
- (14) 36 lf. 18-in. CMP (dipped);
- (15) 36 lf. 24-in. CMP (dipped);

- (16) 82 lf. 30-in. CMP (dipped);
  - (17) 12 each, move pipe culvert head-walls;
  - (18) 325 c.y. backfill;
  - (19) 232 lf. relay culvert pipe.
- Total bids follow:  
(A) Dodge Construction, Inc., Fallon, and J. C. Compton, McMinnville, \$238,591.10.  
(B) J. A. Sisson, Hayward, Cal. and U. B. Lee, San Leandro, Calif., \$239,818.30.  
(C) Hoops Const. Co., Twin Falls, Idaho, \$244,807.85.  
(D) Morrison - Knudsen Co., Boise, Idaho, \$250,084.50.  
(E) Engineer's estimate, \$240,902.80.

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ .50	\$ .60	\$ .60	\$ 1.00	\$ .50
(2).....	.90	1.00	.90	1.00	1.00
(3).....	.75	.70	.65	1.00	.60
(4).....	1.40	2.00	2.00	1.50	1.50
(5).....	300.00	300.00	150.00	600.00	200.00
(6).....	225.00	200.00	200.00	250.00	200.00
(7).....	60.00	50.00	45.00	100.00	0.00
(8).....	20.00	22.50	22.50	21.50	22.00
(9).....	35.00	27.50	32.00	30.00	30.00
(10).....	560.00	500.00	540.00	600.00	550.00
(11).....	3.00	3.50	3.00	5.00	3.00
(12).....	1300.00	1000.00	1500.00	600.00	1200.00
(13).....	1.25	1.00	1.00	1.00	1.00
(14).....	2.50	2.25	2.50	3.00	2.00
(15).....	3.00	2.50	3.00	4.00	2.75
(16).....	4.00	3.00	4.00	5.00	3.50
(17).....	15.00	10.00	15.00	20.00	10.00
(18).....	1.25	1.00	1.25	1.00	1.00
(19).....	.55	.50	.50	1.00	.50

**GREENLEE CO., ARIZ.—2.905 MI. GRADING—(Govt.)**

GREENLEE COUNTY, Ariz.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Texas, at \$46,257.20, as previously reported, submitted low bid to the Bureau of Public Roads, Phoenix, for 2,905 miles grading on Section B (portion) of Route 19, the Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Ariz.

The work involves:  
(1) 19 acres clearing;  
(2) 19 acres grubbing;

- (3) 46,000 c.y. unclass. excav.;
  - (4) 500 c.y. same for struc.;
  - (5) 20,000 sta. yds. overhaul;
  - (6) 5700 lf. furrow ditches;
  - (7) 23 c.y. cement rubble masonry;
  - (8) 134 ft. 18-in. CGSM pipe;
  - (9) 48 ft. 24-in. do.;
  - (10) 20 ft. 30-in. do.;
  - (11) 1024 ft. remove, clean and relay existing CGSM pipe;
  - (12) 4100 ft. barbed wire fence;
  - (13) 26 culvert markers.
- Total bids follow:

- (A) Lee Moor Contr. Co., El Paso, \$46,257.20.
- (B) H. J. Hagen, Globe, Ariz., \$50,888.60.
- (C) O. F. Fisher, Phoenix, \$52,027.30.
- (D) Ernest W. Eversly, Albuquerque, N. M., \$52,750.40.
- (E) Packard Contr. Co., Phoenix, \$54,652.
- (F) All-Arizona Engr. & Const. Co., Clifton, \$57,084.20.
- (G) Lewis Bros. & Martin Const. Co., Phoenix, \$67,281.50. Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$150.00	\$200.00	\$150.00	\$300.00	\$200.00	\$150.00	\$110.00
(2).....	150.00	20.00	150.00	50.00	80.00	50.00	110.00
(3).....	.77	.90	.90	.87	.85	1.05	1.25
(4).....	2.00	1.75	1.50	2.50	2.50	2.00	1.50
(5).....	.03	.03	.02	.05	.04	.03	.03
(6).....	.05	.10	.10	.10	.10	.10	.10
(7).....	22.00	50.00	30.00	23.00	26.00	18.00	30.00
(8).....	2.50	2.25	2.05	2.60	2.50	2.50	3.50
(9).....	3.50	3.50	2.95	4.50	4.00	3.50	4.00
(10).....	5.50	4.50	3.80	6.00	5.25	4.50	5.00
(11).....	1.50	1.00	1.50	1.50	1.25	1.30	1.50
(12).....	.12	.11	.10	.10	.10	.10	.15
(13).....	4.00	3.00	3.00	5.00	3.50	2.50	3.00

**SUB CONTRACT AWARDED**  
YERBA BUENA ISLAND.—M. B. McGowan, Inc., 74 New Montgomery St., awarded sub contract by Herman Lawson Co., 465 Tehama St., general contractors, for driving concrete piles for pump station at Pier W-1, in connection with the construction of a pump station and pipe line to transport water from Pier W-1 of the San Francisco-Oakland

Bay Bridge to within 140 ft. of a proposed reservoir site on Yerba Buena Island. 33

Custodian of the Building, U. S. Post Office, Santa Clara, for a lawn sprinkler system

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**  
WOODLAND, Yolo Co., Calif.—Bids are now being received by the Custodian of the Building, U. S. Post Office, Woodland, for a lawn sprinkler system. No bid opening date has yet been set.

**BIDS WANTED**  
SANTA CLARA, Calif.—Until May 25, bids are being received by the

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## SAN JOAQUIN CO.—Wilson Way Undercrossing—(State)

SAN JOAQUIN COUNTY, Calif.—Earl W. Heple, 494 Delmas Ave., San Jose, at \$212,864.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for construction of undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway, at Wilson Way in the City of Stockton, consisting of a steel and concrete structure, and approximately 0.29 mile paving with portland cement concrete and asphalt concrete.

The work involves:

- (1) 2,000 c.y. exist. conc. to be removed and disposed of;  
 (2) 33,000 c.y. roadway excav., unclassified;  
 (3) 30,000 c.y. struc. excav.;  
 (4) 8,000 c.y. imported borrow;  
 (5) 15,600 sq. yds. subgrade for pavement;  
 (6) 6 tons liq. asphalt, SC-1A (sub-grade treatment);  
 (7) 9 tons Grade E asphalt (sub-grade treatment);  
 (8) 3,550 tons asphalt conc.;  
 (9) 1,000 sq. yds. asphaltic paint binder;
- (10) 100 c.y. salvaged surf.;  
 (11) 1,270 c.y. Class A portland cement concrete (pavement);  
 (12) 2,400 each, pavement dowels;  
 (13) 317,000 lbs. bar reinf. steel;  
 (14) 3,250 c.y. Class A portland cement concrete (structures);  
 (15) 70 c.y. Class A portland cement concrete (railing);  
 (16) 352,000 lbs. struc. steel;  
 (17) 82,000 lbs. wrought-iron plate;  
 (18) 1,014 l.f. 30-in. stand. reinf. conc. pipe;  
 (19) 920 l.f. 8-in. CMP;  
 (20) 98 l.f. 10-in. CMP;  
 (21) 94 l.f. 12-in. CMP;  
 (22) 2,480 l.f. 8-in. perf. metal pipe;  
 (23) 170 c.y. rock filling material;  
 (24) 710 l.f. 4-in. vit. clay pipe;  
 (25) 572 l.f. 6-in. vit. clay pipe;  
 (26) 350 l.f. 8-in. vit. clay pipe;  
 (27) 884 l.f. 12-in. vit. clay pipe;  
 (28) 426 l.f. 8-in. plain concrete pipe;  
 (29) 304 l.f. 10-in. plain conc. pipe;  
 (30) 1,100 c.y. Class A portland cement concrete (curbs, gutters, and sidewalks);  
 (31) 70 l.f. 3-in. stand. pipe;  
 (32) 6 l.f. 16-in. cast iron pipe;  
 (33) 1,300 lbs. copper strips;
- (34) 21 c.y. protective covering;  
 (35) 2 each, lamp holes;  
 (36) 5 each, 4-in. brick manholes (sanitary);  
 (37) 4 each, 3-in. brick manholes (storm water);  
 (38) 6 each, exist. manholes to be adjusted;  
 (39) 3,900 lbs. cast steel;  
 (40) 2,350 lbs. cast iron;  
 (41) 360 sq. yds. waterproofing;  
 (42) lot pumping equip.;  
 (43) 1 lot lighting equip.;  
 (44) 1 lot misc. items of work.

Total bids follow:

- (A) Earl W. Heple, San Jose, \$212,364.50  
 (B) United Concrete Pipe Corp., Los Angeles, \$216,734.20  
 (C) Lord & Bishop, Sacramento \$219,832.50  
 (D) F. O. Bohnett, Campbell, \$220,508.10  
 (E) Lindgren & Swinerton, Inc., Oakland, \$225,650.80  
 (F) Gates & Huntley, Los Angeles, \$229,930.00  
 (G) O. H. Chain, Stockton, \$245,100.48  
 (H) Louia Biazotti & Son, Stockton, \$267,527.72

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.25	\$ 1.55	\$ 1.25	\$ 1.25	\$ 2.50	\$ 2.00	\$ 1.10	\$ 1.50
(2)	.50	.50	.60	.50	.55	.50	.53	.65
(3)	.85	1.25	1.00	.80	.70	.75	1.69	1.55
(4)	1.00	.80	1.00	1.00	1.00	.70	.90	1.05
(5)	.10	.15	.20	.15	.11	.20	.19	.19
(6)	25.00	40.00	25.00	20.00	20.00	20.00	16.00	14.00
(7)	40.00	40.00	30.00	30.00	40.00	40.00	31.50	25.00
(8)	8.00	5.00	6.25	6.50	6.50	7.00	6.20	6.50
(9)	.10	.05	.05	.10	.12	.10	.09	.11
(10)	2.00	1.50	1.50	1.25	1.75	3.00	1.60	1.50
(11)	9.50	9.60	10.50	10.25	10.00	10.00	10.90	11.60
(12)	.20	.12	.25	.25	.25	.25	.22	.30
(13)	.05	.05	.05	.05	.05	.05	.048	.0536
(14)	15.00	14.00	16.00	15.00	16.00	18.30	16.30	18.45
(15)	50.00	75.00	60.00	60.00	70.00	60.00	78.00	85.00
(16)	.075	.073	.07	.08	.07	.07	.065	.0859
(17)	.10	.12	.09	.11	.10	.10	.09	.106
(18)	2.50	4.50	4.00	3.55	4.00	3.50	3.17	4.50
(19)	1.00	.90	1.00	1.00	1.20	1.00	.94	1.15
(20)	1.25	1.00	1.10	1.20	1.30	1.00	1.00	1.28
(21)	1.50	1.20	1.25	1.35	1.50	1.50	1.25	1.40
(22)	1.00	.80	1.00	1.00	1.10	1.00	.88	1.25
(23)	2.25	3.50	2.00	2.65	3.00	1.50	1.90	2.75
(24)	.30	.40	.25	.40	.50	.30	.25	.34
(25)	.40	.40	.35	.35	.50	.50	.40	.46
(26)	.50	.45	.50	.75	.90	.60	.40	.51
(27)	.90	.75	1.00	1.15	1.25	1.00	.91	1.08
(28)	.50	.40	.45	.55	.80	.50	.47	.80
(29)	.65	.55	.75	.70	1.00	1.00	.61	1.10
(30)	13.50	14.00	12.00	15.00	13.50	15.00	18.10	16.00
(31)	.80	1.00	.60	.60	.70	1.00	1.25	.45
(32)	10.00	6.00	6.00	3.00	6.00	4.00	4.50	5.35
(33)	.50	.50	.50	.50	.50	.60	.60	.64
(34)	13.00	20.00	20.00	18.00	12.00	15.00	10.50	12.10
(35)	25.00	10.00	5.00	18.00	22.00	75.00	27.50	38.00
(36)	25.00	50.00	80.00	100.00	70.00	70.00	100.00	78.00
(37)	75.00	60.00	80.00	135.00	100.00	80.00	130.00	95.00
(38)	25.00	10.00	20.00	7.00	25.00	70.00	30.00	25.00
(39)	.30	.20	.30	.35	.30	.30	.30	.29
(40)	.12	.15	.15	.15	.12	.20	.13	.12
(41)	.30	1.50	.40	.50	.70	1.00	.40	2.00
(42)	2000.00	2500.00	2200.00	2300.00	1900.00	2500.00	2467.00	3500.00
(43)	6500.00	7000.00	5000.00	6700.00	5100.00	4500.00	5700.00	4500.00
(44)	1000.00	2000.00	1000.00	1200.00	5500.00	1800.00	1578.00	2500.00

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**SAN LUIS OBISPO COUNTY—3.3 MI. GRADE & SURFACE (State)**

SAN LUIS OBISPO CO., Calif.—Metropolitan Construction Co., 208 W. Eighth St., Room 1205, Los Angeles (Wood & Bevanda and Jahn & Brest), at \$946,027.90 on Alt. A, and at \$51,255.15 on Alt. B, submitted low bids to the State, Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.3 miles grading and surfacing with plant-mixed surfacing, medium curing type, on crushed run base, in San Luis Obispo County, between San Luis Obispo Creek and Cuesta Sid-ing.

**The work involves:**

- (1) 170 sta. clear and grub;
- (2) 8,400 M. gala. water;
- (3) 915,000 c.y. roadway excav., unc.;
- (4) 18,200 c.y. struc. excav.;
- (5) 6,100 c.y. ditch and channel excavation;
- (6) 3,310,000 sta. yds. overhaul;
- (7) 44,200 c.y. imported borrow;
- (8) 95,000 c.y. trench excav. (fill treatment);
- (9) 18,000 c.y. rock filling material (fill treatment);
- (10) 4,400 c.y. conc. removed and disposed of;
- (11) 38 sta. scarifying and leveling existing road;
- (12) 170 sta. finishing roadway;
- (13) 22,500 tons crusher run base;
- (14) 17,500 tons mineral aggregate (plant-mix surf.);
- (15) 915 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
- (16) 90 tons liq. asphalt, SC-2 (prime coat);
- (17) 27 tons liq. asphalt, SC-4 (stock-piled surf.);
- (18) 7 tons liq. asphalt, SC-1A (penetration oil treatment, parting strip);

- (19) 455 tons liq. asphalt, SC-2 (road-mix surf. treat.);
- (20) 37,500 sq. yds. preparing, mixing, and shaping passageways;
- (21) 85 tons liq. asphalt, 90-95 (seal coat);
- (22) 1,050 tons screencings (seal coat);
- (23) 270 c.y. Class A portland cem. concr. (struc.);
- (24) 23,000 lbs. bar reinf. steel;
- (25) 65 c.y. Class A portland cem. concr. (channel lining);
- (26) 380 sq. yds. mesh. reinf. (channel lining);
- (27) 1,086 l.f. 8-in. CMP;
- (28) 3,146 l.f. 18-in. CMP;
- (29) 1,644 l.f. 24-in. CMP;
- (30) 206 l.f. 30-in. CMP, 14-gauge;
- (31) 250 l.f. 30-in. CMP, 12-gauge;
- (32) 530 l.f. 36-in. CMP, 12-gauge;
- (33) 1,412 l.f. 36-in. CMP, 10-gauge;
- (34) 92 l.f. 42-in. CMP, 10-gauge;
- (35) 204 l.f. 60-in. CMP, 8-gauge;
- (36) 674 l.f. 8-in. perf. metal pipe underdrains;
- (37) 750 c.y. rock filling material underdrains;
- (38) 330 l.f. exist. CMP, removed, cleaned and retold;
- (39) 254 l.f. exist. CMP removed, cleaned and salvaged;
- (40) 390 l.f. 75-in. multiplate CMP, 410-18;
- (41) 300 l.f. 75-in. multiplate CMP, 47-15;
- (42) 170 l.f. 105-in. multiplate CMP, 610-18;
- (43) 300 l.f. 120-in. multiplate CMP, 73-11;
- (44) 39 each, spillway assemblies;
- (45) 32 each, drop inlet frames and covers;
- (46) 80 each, Redwood timber drop inlet covers;
- (47) 14,535 l.f. laminated guard railing;

- (48) 55 each, culvert markers;
- (49) 8.8 miles new property fences;
- (50) 10 each, drive gates;
- (51) 33,550 l.f. timber curb;
- (52) 75 each, monuments, complete in place;
- (ALTERNATE "A"):
- (53) 271 each, 6-in. x 6-in. x 4-ft. metal headers;
- (54) 1,467 each, 6-in. x 6-in. x 6-ft. metal headers;
- (55) 218 each, 6-in. x 6-in. x 8-ft. metal headers;
- (56) 69 each, 6-in. x 6-in. x 8-ft. metal step-back headers;
- (57) 4,169 each, 6-in. x 8-in. x 6-ft. metal stretchers;
- (58) 1,682 each, metal header caps;
- (59) 218 each, metal header spacers;
- (60) 287 each, metal header inserts;
- (61) 4 each, gap fillers;
- (62) 301 each, stretcher inserts;
- (ALTERNATE "B"):
- (63) 544 each, 5-in. x 6-in. x 6-ft. reinf. conc. headers;
- (64) 2,337 each, 5-in. x 10-in. x 6-ft. reinf. conc. headers;
- (65) 2,204 each, 6-in. x 6-in. x 6-ft. reinf. conc. stretchers;
- (66) 2,126 each, 8-in. x 8-in. x 6-ft. reinf. conc. stretchers;
- (67) 1,082 each, 8-in. x 10-in. x 6-ft. reinf. conc. stretchers;
- (68) 18 each, 10-in. x 8-in. x 10-in. conc. filler blocks.

**NOTE:** Alternatives "A" and "B" are for alternate types of cribbing members. A bidder is required to submit a bid on one alternate and may, but is not required to, submit bids on both alternates. The contract will be awarded, unless all bids are rejected, to the lowest responsible bidder for the work as a whole, irrespective of the alternate upon which his bid is based.

Total bids follow:

	Sub-Total	Alt. "A"	Alt. "B"
(A) Metropolitan Constr. Co., Los Angeles	\$616,583.70	\$646,027.90	\$651,255.15
(B) George Pollock Co., Sacramento	631,110.50	666,633.90	671,531.50
(C) Macco Constr. Co., Clearwater	650,719.70	683,137.55	684,100.68
(D) Bodenhamer Constr. Co. and Lewis Constr. Co., Oakland	669,524.29	707,070.70	
(E) A. Teichert & Son, Inc., Sacramento	673,439.35	708,235.90	710,080.55
(F) J. E. Haddock, Ltd., Pasadena	694,560.70	726,764.52	
(G) Grandfield-Farrar & Carlin, San Francisco	701,879.50	741,551.05	
(H) Basch Bros., Torrance	704,022.60	737,953.20	
(I) Utah Constr. Co., San Francisco	742,502.00	773,923.76	778,980.00
(J) Guy F. Atkinson Co., San Francisco	762,450.25	794,313.75	
(K) C. O. Sparks & Mundo Engrg. Co., Los Angeles	763,893.60	798,278.00	
(L) Griffith Co., Los Angeles	764,668.60	798,881.00	
(M) United Concrete Pipe Corp., Los Angeles	846,537.10	846,537.10	

- (A) Metropolitan Constr. Co., Los Angeles
- (B) George Pollock Co., Sacramento
- (C) Macco Constr. Co., Clearwater
- (D) Bodenhamer Constr. Co. and Lewis Constr. Co., Oakland
- (E) A. Teichert & Son, Inc., Sacramento
- (F) J. E. Haddock, Ltd., Pasadena
- (G) Grandfield-Farrar & Carlin, San Francisco
- (H) Basch Bros., Torrance
- (I) Utah Constr. Co., San Francisco
- (J) Guy F. Atkinson Co., San Francisco
- (K) C. O. Sparks & Mundo Engrg. Co., Los Angeles
- (L) Griffith Co., Los Angeles
- (M) United Concrete Pipe Corp., Los Angeles

**Mono County — East Walker River Bridge — State**

MONO COUNTY, Cal.—Robert D. Paterson, 1911 San Andrews Street, Santa Barbara, at \$5,878, as previously reported, submitted low bid to the State Division of Highways, S. W. Lowden, District Engineer, Bishop, for the construction of a timber and concrete bridge at East Walker River, 6.5 miles north of Bridgeport, and grading approaches.

**The work involves:**

- (1) 1,050 c.y. roadway excavation, unclassified;
- (2) 200 sta. yds. overhaul;
- (3) 125 c.y. struc. excav.;
- (4) 40 l.f. 24-in. CMP;
- (5) 64 c.y. Class A portland cement

- concrete (structures);
- (6) 6,000 lbs. bar reinf. steel (structures);
- (7) 14 MFBM redwood timber, dense, select, all-heart, structural grade;
- (8) 4 MFBM redwood timber, select, all-heart, structural grade;
- (9) 1 culvert marker;
- (10) 6 each, monuments;
- (11) 11 sta. finishing roadway.

**NOTE:** The State will furnish corrugated metal pipe for use under this contract, which pipe will be delivered to the Contractor at Minden, Nevada, and the Virginia and Truckee Railroad.

- Total bids follow:
- (A) Robert D. Paterson, Santa Barbara, \$5,878.
  - (B) Young & Son Co., Ltd., Berkeley, \$7,839.50.
  - (C) Parish Bros., Los Angeles, \$7,957.50.
  - (D) Isbell Const. Co., Reno, \$8,230.50.
  - (E) Vido Kovacevich, South Gate, \$8,429.00.
  - (F) Rexroth & Rexroth, Bakersfield, \$8,240.
  - (G) B. A. Hawkins & Co., San Francisco, \$9,271.
  - (H) A. S. Vinnell Co., Los Angeles, \$9,672.00.

Unit bids follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(1)	\$ 1.00	\$ 0.95	\$ 0.75	\$ 1.43	\$ 1.50	\$ 2.00	\$ 1.20	\$ 0.83
(2)	.01	.01	.05	.05	.10	.10	.04	.02
(3)	2.00	5.00	3.00	10.00	4.00	5.00	8.00	5.00
(4)	1.00	1.00	2.00	1.00	3.00	2.00	1.00	1.75
(5)	30.00	50.00	52.00	35.00	35.00	50.00	50.00	68.00
(6)	.07	.08	.08	.07	.10	.09	.08	.11
(7)	130.00	157.50	185.00	135.00	190.00	150.00	190.00	194.00
(8)	130.00	157.50	200.00	135.00	190.00	150.00	190.00	206.00
(9)	3.00	4.00	2.00	5.00	5.00	5.00	3.00	3.50
(10)	3.50	4.00	5.00	4.00	4.00	5.00	5.00	5.00
(11)	12.00	12.00	25.00	60.00	25.00	40.00	30.00	20.00

## ELKO COUNTY, NEVADA—7.554 MI. GRADING—(Govt.)

ELKO COUNTY, Nevada.—R. L. Oakley, 10823 Wellworth Ave., Los Angeles, at \$172,345.40 (Proposal C, work complete), submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 7,554 miles grading on Sections A and B of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County.

The work involves:

- PROPOSAL A:
- (1) 22 A. clearing;
  - (2) 22 A. grubbing;
  - (3) 105,900 c.y. unclass. excav.;
  - (4) 1500 c.y. do. for structures;
  - (5) 2700 c.y. do. for borrow;
  - (6) 263,000 sta. yds. overhaul;
  - (7) 465 c.y. foundation fill;
  - (8) 106 c.y. loose rock retaining wall;
  - (9) 276 lf. 18-in. C.G.S.M. pipe;
  - (10) 726 lf. 24-in. do.;
  - (11) 192 lf. 30-in. do.;
  - (12) 84 lf. 42-in. do.;
  - (13) 120 lf. 105-in. corrugated galvanized multiple metal pipe;
  - (14) 80 lf. 120-in. do.;
  - (15) 340 c.y. hand laid riprap;
  - (16) 28 each, right of way monuments, Type A.

PROPOSAL B:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
(1)	\$32.00	\$50.00	\$50.00	\$50.00	\$80.00	\$75.00	\$20.00	\$25.00	\$150.00	\$100.00	(1) \$30.00	(1) \$30.00
(2)	30.00	50.00	50.00	50.00	40.00	30.00	30.00	35.00	150.00	100.00	(2) 30.00	(2) 30.00
(3)	.61	.74	.73	.72	.72	.76	.75	.80	1.05	1.20	(3) .80	(3) .80
(4)	1.00	1.00	2.00	2.50	2.50	2.00	2.00	1.50	2.00	3.00	(4) 2.00	(4) 2.00
(5)	.43	.74	.50	.72	.72	.50	.50	.40	.75	.50	(5) .50	(5) .035
(6)	.01	.01	.02	.02	.02	.015	.03	.015	.02	.03	(6) .03	(6) 40.00
(7)	.80	.60	1.00	1.50	1.50	1.00	1.00	2.00	2.00	2.00	(7) 1.00	(7) .10
(8)	32.00	30.00	35.00	45.00	45.00	40.00	40.00	45.00	80.00	30.00	(8) 5.50	(8) 2.00
(9)	.06	.10	.10	.10	.10	.10	.10	.10	.25	.10	(9) 2.00	(9) 3.00
(10)	3.00	5.00	2.00	10.00	5.00	2.50	5.50	2.00	15.00	10.00	(10) 3.00	(10) 4.00
(11)	2.20	1.50	2.50	2.00	2.30	2.00	2.00	1.90	2.00	2.50	(11) 4.00	(11) 5.75
(12)	3.25	2.25	3.00	3.50	3.20	2.75	3.00	2.90	3.00	4.00	(12) 7.00	(12) 9.00
(13)	4.10	3.00	3.25	4.50	4.15	4.00	4.00	3.50	4.00	5.00	(13) 42.00	(13) 3.00
(14)	8.00	4.50	5.50	6.50	6.40	6.00	5.75	5.70	6.00	7.00	(14) 50.00	(14) 3.00
(15)	7.40	5.50	7.00	8.00	7.75	7.50	7.00	6.65	8.00	8.00	(15) 7.50	(Proposal B) 7.50
(16)	10.00	7.25	9.00	10.00	10.00	10.00	9.00	9.00	12.00	10.00	(16) 6.00	(Proposal A) 6.00
(17)	40.00	35.00	32.00	40.00	42.00	38.50	42.00	39.25	40.00	40.00	(Proposal A) 6.00	(Proposal A) 6.00
(18)	45.00	40.00	36.00	45.00	48.00	42.50	50.00	45.50	50.00	45.00	(Proposal A) 6.00	(Proposal A) 6.00
(19)	5.00	2.00	5.00	10.00	10.00	5.00	7.50	3.00	10.00	5.00	(Proposal A) 6.00	(Proposal A) 6.00
(20)	1.50	1.00	2.00	1.50	3.00	2.00	3.00	1.10	3.00	1.00	(Proposal A) 6.00	(Proposal A) 6.00
(21)	.50	5.00	5.00	3.00	1.00	4.00	3.00	2.00	10.00	3.00	(Proposal A) 6.00	(Proposal A) 6.00
(22)	3.00	4.00	5.00	3.50	4.00	6.00	6.00	4.00	5.00	5.00	(Proposal A) 6.00	(Proposal A) 6.00

- (21) 28 A. clearing;
  - (22) 28 A. grubbing;
  - (23) 121,800 c.y. unclass. excav.;
  - (24) 920 c.y. do. for structures;
  - (25) 120,600 c.y. overhaul;
  - (26) 53 c.y. Class A concrete;
  - (27) 5,650 lbs. reinf. steel;
  - (28) 836 lf. 18-in. C.G.S.M. pipe;
  - (29) 912 lf. 24-in. do.;
  - (30) 42 lf. 30-in. do.;
  - (31) 34 lf. 36-in. do.;
  - (32) 40 lf. 54-in. do.;
  - (33) 52 lf. 8-in. perforated C.S.M. pipe underdrain;
  - (34) 11 sq. yds. mortar backfill seal.
- PROPOSAL C:
- (PROPOSALS A & B Combined)
- (1) 50 acres clearing;
  - (2) 50 acres grubbing;
  - (3) 227,700 c.y. unclass. excav.;
  - (4) 2,420 c.y. do. for structures;
  - (5) 2,700 c.y. do. for borrow;
  - (6) 383,900 sta. yds. overhaul;
  - (7) 465 c.y. foundation fill;
  - (8) 53 c.y. concrete;
  - (9) 5,650 lbs. reinf. steel;
  - (10) 106 c.y. loose rock retaining wall;
  - (11) 1112 lf. 18-in. C.G.S.M. pipe;
  - (12) 1638 lf. 24-in. do.;
  - (13) 234 lf. 30-in. do.;
  - (14) 34 lf. 36-in. do.;
  - (15) 84 lf. 42-in. do.;

- (16) 40 lf. 54-in. do.;
- (17) 120 lf. 105-in. corrugated galvanized multiple metal pipe;
- (18) 80 lf. 120-in. do.;
- (19) 340 c.y. hand-laid riprap;
- (20) 52 lf. 8-in. perforated sheet metal pipe underdrain;
- (21) 11 sq. yds. mortar backfill seal;
- (22) 28 each, right of way monuments.

Total bids follow:

PROPOSAL C:

(A) R. L. Oakley, L. A.	\$172,345.40
(B) J. A. Terteling & Sons, Boise	199,439.40
(C) H. E. Cornell, Boise	206,480.50
(D) George K. Thompson, Los Angeles	212,129.90
(E) Iabell Constr. Co., Reno	212,359.40
(F) Hoops Constr. Co., Twin Falls, Idaho	212,583.50
(G) Utah Constr. Co., San Francisco	216,343.50
(H) E. L. Gates, Trail, Ore.	218,062.60
(I) Northwest Engineering Co., Rapid City, S. D.	298,744.50
(J) Floyd S. Whiting, Kayville, Utah	329,586.00
(K) Utah Constr. Co. (Proposal A)	115,139.00
(L) Utah Constr. Co. (Proposal B)	113,193.50

Unit bids follow:

## SISKIYOU &amp; SHASTA COS.—16.16 Mi. Surfacing—(Govt.)

SISKIYOU & Shasta Cos., Cal.—Homer G. Johnson, 708 Imperial Hotel Bldg., Portland, Oregon, at \$80,688.50 submitted low bid and recommended for award to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing surface course and bituminous treatment on Sections D and E of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta counties, a length of 16.16 miles.

The work involves:

(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 1.20	\$ 1.30	\$ 1.27	\$ 1.43	\$ 1.53	\$ 1.60
(2)	1.20	1.30	1.30	1.44	1.60	1.80
(3)	1.50	1.75	2.37	1.50	1.50	2.00
(4)	500.00	400.00	1125.00	400.00	500.00	600.00
(5)	25.00	29.00	34.50	25.00	28.00	32.00
(6)	2.00	4.00	3.30	3.00	2.80	3.50
(7)	25.00	25.00	28.50	30.00	24.00	32.00
(8)	2.00	4.00	3.00	3.00	2.50	3.00

- (1) 45,000 tons crusher run top course
- (2) 500 tons supplemental crushed stone;
- (3) 1125 M. gals. watering;
- (4) lump sum, water plant or plants for project;
- (5) 370 tons cutback asphalt, Type MC-1, for prime coat;
- (6) 3800 tons cover (Class A pavement) split method;
- (7) 275 tons 95 plus liquid asphalt for Class A pavement.
- (8) 88 each, culvert markers.

Total bids follow:

(A) Homer G. Johnson, Portland,

(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 1.20	\$ 1.30	\$ 1.27	\$ 1.43	\$ 1.53	\$ 1.60
(2)	1.20	1.30	1.30	1.44	1.60	1.80
(3)	1.50	1.75	2.37	1.50	1.50	2.00
(4)	500.00	400.00	1125.00	400.00	500.00	600.00
(5)	25.00	29.00	34.50	25.00	28.00	32.00
(6)	2.00	4.00	3.30	3.00	2.80	3.50
(7)	25.00	25.00	28.50	30.00	24.00	32.00
(8)	2.00	4.00	3.00	3.00	2.50	3.00

- \$80,688.50.
- (B) George Pollock Co., Sacramento, \$94,675.75.
  - (C) Hanrahan Co., San Francisco, \$94,997.75.
  - (D) A. Teichert & Son, Inc., Sacramento, \$96,321.50.
  - (E) Saxton & Looney and Risley, Portland, \$99,207.50.
  - (F) Joslin and McAllister, Spokane, \$101,895.50.
  - (G) Hemstreet & Bell, Marysville, \$115,939.00.

Unit bids follow:



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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**SACRAMENTO.**—Until May 26, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 P. O. Bldg., Sacramento, under Bid No. 1105-37-218, for furnishing and delivering miscellaneous castings, etc. The items to be furnished are:

- (1) 2 each, 20-in. check valve;
- (2) 1 lot, suction pipe;
- (3) 1 only, suction hood;
- (4) 1 lot, suction taper flange filler, etc.;
- (5) 1 only, stuffing box and gland;
- (6) 1 only, hull thimble and flange;
- (7) 1 only, suction pipe "S" bend;
- (8) 1 only, suction taper connection;
- (9) 1 only, pump discharge;
- (10) 1 only, discharge pipe elbow;
- (11) 1 only, discharge pipe bend;
- (12) 1 only, discharge pipe "S" bend;
- (13) 1 lot, discharge pipe;
- (14) 1 only, impeller pattern.

Deliverly f.o.b. Rio Vista.  
Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until May 27, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-222, for furnishing Douglas fir lumber, stakes and laths.

Deliverly fob Sacramento and/or car at bidder's plant.  
Specifications obtainable from the above office.

## WAR DEPARTMENT

**FORT MASON.**—Until May 27, 10 a.m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-103, for furnishing one floor sanding machine, drum type.

Deliverly f.o.b. Pier No. 1, Fort Mason.  
Specifications obtainable from the above office.

**FRESNO.**—Until May 28, 2 p.m., bids will be received by Lieut. G. T. Stump, Purchasing & Contracting Officer, Fresno District CCC, 414 "J" St., Fresno, for furnishing reconditioned pipe for installation of water line at Camp SNP-10, Salt Creek, as follows:

- (1) 2,700 lf. reconditioned casing pipe, 2-in. O.D., 1 1/2-in. I.D.;
- (2) 15 each, unions, 1 1/2-in., black malleable ground joint, brass seat.

Deliverly f.o.b. Camp SNP-10, Salt Creek, 35 miles northeast of Visalia.  
Specifications obtainable from the above office.

**SACRAMENTO.**—Until May 25, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-218, for furnishing one bulldozer and power unit to fit Caterpillar Tractor RD-4, wide gauge, and installing thereon.

Deliverly f.o.b. Sacramento.  
Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until May 25 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-102 for furnishing stove pipe, reducer joints, elbows pipe collars, hacksaw blades, screws, machine bolts, nuts,

and miscellaneous hardware.

Deliverly fob Fort Baker.  
Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until May 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 828-37-419, for furnishing malleable iron pipe fittings, straight tees, cast iron plugs, wrought iron pipe nipples, malleable iron or steel unions.

Specifications obtainable from the above office.

**SACRAMENTO.**—Until May 25, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 P. O. Office Bldg., Sacramento, under Bid No. 1105-37-221, for furnishing peavie handles, machine bolts, casters, and rubber packing.

Deliverly f.o.b. Rio Vista.  
Specifications obtainable from the above office.

**SACRAMENTO.**—Until May 26, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-224, for furnishing 1,000 lbs. acetylene welding rods and 1,000 lbs. electric welding rods.

Deliverly f.o.b. Rio Vista.  
Specifications obtainable from the above office.

## ALAMEDA COUNTY

**OAKLAND, Alameda Co., Calif.**—Until June 22, 10:30 A. M. bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Court House and Hall of Records, 12th and Fallon Streets, Oakland, for furnishing metal shelving and furniture for the new Court House.

Plans and specifications obtainable from the office of the County Clerk upon deposit of \$25.00.

## CALIFORNIA STATE

**SACRAMENTO, Calif.**—Until June 2, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 56503, for furnishing 1,000 tons, more or less, of sand blast sand, to be graded, dried and sacked and shipped in carload lots as and when requested to various destinations.

Bids will be taken as follows:

- (1) In bulk, fob designated destinations;
  - (2) Graded, dried & sacked fob designated destinations;
  - (3) In bulk, fob bidder's plant;
  - (4) Graded, dried and sacked fob bidder's plant;
  - (5) Credit allowance on empty sacks.
- Specifications obtainable from the above office.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until June 29, 10 A. M., bids will be received by Metropolitan Water District, Los Angeles, for control boards and electric control equipment for main pumping plants of Colorado River Aqueduct, Snee No 208 Certified or cashier's check required as follows:

Sched.	Pumping Plant	Amount
1	Intake	\$2750
2	Gene	\$3250

3	Iron Mt.	\$3000
4	Eagle Mt.	\$3000
5	Hayfield	\$3000

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Until May 26, 10 A. M., bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3891, for furnishing one dead front power distribution panel, fob San Francisco Airport, near San Bruno, San Mateo County, for use on WPA project.

Specifications obtainable from the above office.

## SAN LUIS OBISPO COUNTY

**SAN LUIS OBISPO, Calif.**—Until Tuesday, June 1, bids will be received by San Luis Obispo county supervisors for Venetian blinds and asphalt tile for second unit of new county courthouse, a WPA project. Specifications on file with Walker & Eisen, architects, 437 S. Hill Street, Room 708, Los Angeles.

**SAN LUIS OBISPO, Calif.**—Until Tuesday, June 1st, bids will be received by San Luis Obispo county supervisors for steel sash, roller screens, steel partitions, light fixtures, electric wiring, paint materials and incinerator for tuberculosis hospital, a WPA project. Spec. on file with Walker & Eisen, architects, 437 S. Hill St., Room 708, Los Angeles.

## U. S. FOREST SERVICE

**SAN FRANCISCO.**—Until May 25 2 P. M., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1062, for furnishing one complete water supply unit, including all equipment.

Deliverly fob bidder's shipping pt. and/or Porterville.  
Specifications obtainable from the above office.

## RECLAMATION BUREAU

**POTHOLES, Calif.**—Until May 27, 2 p.m., bids will be received by A. McD. Brooks, Purchasing Agent, Bureau of Reclamation, Custom House, Denver, under Bid No. 24,556-A, for furnishing steel sheet piling and splice plates for the Glen Valley Canal desilting works, fob Potholes.  
Specifications obtainable from the above office.

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# PACIFIC CONSTRUCTOR

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No. 19

## HANRAHAN CO. LOW ON MODOC GRADING JOB

**Portland Contractor Bids Siskiyou Project; Proposals on 6 Contracts Opened**

SACRAMENTO, May 26.—Low bids aggregating approximately \$510,000 were received here today by the State Highway Commission on a variety of projects located in six Northern and Central California counties.

Hanrahan Co., San Francisco, at \$192,283 submitted the lowest of eight proposals for grading and surfacing about 10 miles in Modoc county between Alturas and 1.4 miles west of Hot Creek. Hemstreet & Bell, Marysville, was a close second low bidder at \$192,435.

For grading approximately 20 miles in Siskiyou county between Cougar and Macdoel, Harold Blake of Portland, Oregon, was low bidder at \$171,882.

### Tuolumne Surfacing

Bearman & Jones and A. R. Maestratti, Stockton, submitted a low proposal of \$57,890 for surfacing about 6.2 miles in Tuolumne county between Stoddard Springs and McCoy Saddle.

Griffith Co., Los Angeles, was low bidder at \$42,521 for surfacing and constructing borders on about 8.6 miles in Kings county between Kings River Slough and Hall's Corner.

For applying seal coat on about 20 miles in Plumas county, between Howells and a quarter-mile south of Keddie, Hayward Building Materials Co., Hayward, submitted a low bid of \$30,870.

Lee J. Immel, Berkeley, at \$14,881, submitted low bid for surfacing and applying seal coat on 3.8 miles between Route 86 and Morgan Springs in Tehama county.

## ARCHITECTS MOVE TO NEW QUARTERS

Architects Masten & Hurd announce the removal of their offices from 233 Post street to 412 Post street. The telephone number at the new offices is SUTTER 6818.

## CHAS. F. UNGER LOW ON HANGARS

SACRAMENTO, May 25.—Charles F. Unger, 2426 7th avenue, Sacramento today submitted a low bid of \$26,895 to Architect Charles F. Dean for construction of two hangars at the Sacramento municipal airport. Second and third low bidders, respectively, were H. W. Robertson, Sacramento, at \$26,989; and M. R. Peterson, Sacramento, at \$28,450.

The hangars will be of corrugated iron with steel trusses and concrete floors. They are to be constructed for the Widows and Orphans Aid Association of the Sacramento police department.

## Institute Schedules Steel Bridge Award

For the ninth consecutive year, the American Institute of Steel Construction will award prizes to bridges judged the most beautiful built of steel in the United States.

The announcement of the selections for this year will be made next month by a jury of nationally known architects and engineers appointed for that purpose. Photographs of all bridges to be submitted in the competition must be received by the Institute at its executive offices, 200 Madison avenue, New York N. Y., not later than June 19.

### Three Awards

There will be three prize winners, selected from bridges of three different groups.

Group A will include bridges costing \$1,000,000 or more to build; Group B will include bridges costing between \$250,000 and \$1,000,000, and Group C will include those bridges costing less than \$250,000.

Only bridges opened to traffic during the calendar year 1936 will be eligible. Those bridges selected as the most beautiful in each group will later be decorated with a stainless steel plaque donated by the American Institute of Steel Construction.

## LARGE ALAMEDA CONTRACT OUT FOR PROPOSALS

**Bids on Glenn, Shasta, Tulare Projects to Open on June 16**

SACRAMENTO, May 25.—Contracts for which more than \$1,000,000 has been programmed by the State Division of Highways were authorized for advertising here today, as the State Highway Commission continued placing its 1937-38 program out for bids.

Largest of the projects advertised today involves grading approximately nine miles between Greenville and Mountain House in Alameda county. Major bidding items include 1,875,000 cubic yards roadway excavation, 25,950,000 sta. yds. overhaul, and numerous others. The road will be surfaced with road-mix surfacing. Bids open June 16 in Sacramento.

Bids also will be opened here June 16 on the following projects:

Glenn county: Grading and surfacing with asphaltic concrete portions of seven miles between Willows and Artois.

### Steel Stringer Bridge

Tulare County: Constructing a steel stringer bridge with concrete deck across Kaweah river, three miles south of Woodlake. The bridge will consist of three 39-ft. spans, one 36-ft. span, and two 31-ft. 6-in. spans.

Shasta County: Furnishing mineral aggregate and screenings on about 34.5 miles between Antler and the northerly boundary.

## EMERSON INITIATES NEW SERVICE POLICY

The Emerson Electric Mfg. Co., St. Louis, Mo., announces the establishment of a new Field Service Station policy, effective May 1, 1937. Forty-one firms have been appointed authorized Emerson Electric Service Stations for their respective territories, and in the future they will handle all repairs on motors, either within or beyond the guarantee period.

A list of these names and addresses will be furnished by Emerson Electric upon request for Data Sheet X2042.

## STATE LEGISLATURE JOINS DRIVE FOR TWO-YEAR EXTENSION OF PWA

Approved by both houses of the California legislature, a joint resolution memorializing President Roosevelt and Congress to extend the Federal Public Works Administration for an additional two years and to insure earmarking of at least \$350,000,000 for expenditure through PWA, today was scheduled to be transmitted to Washington by Governor Merriam.

The resolution embodies the basic principles endorsed by both Northern and Central California Chapters, Associated General Contractors, and is supported generally by members of the construction industry.

Text of the resolution follows: WHEREAS, Under existing law the life of the Federal Public Works Administration will expire by limitation on June 30, 1937, and

WHEREAS, There has been achieved a remarkable record of accomplishment by this Federal agency in providing useful employment and the construction of needed and permanently useful public works in the form of school buildings, sewage disposal plants, municipal utilities, and other forms of public projects in every community and to the extent of many thousands in number of such projects; and

WHEREAS, Under the plan of local financial cooperation of the Federal Public Works Administration of loans and grants, hundreds of local communities in the State of California have proceeded in good faith with the voting of bonds, levying of special taxes, and other advance expenditures and commitments in anticipation of loans or grants of Federal PWA funds; and

WHEREAS, All these local communities will be deprived of these public works unless there is a continuance of PWA; and

WHEREAS, The record of performances of PWA has demonstrated that it is the most successful and desirable of the Federal public works program in providing maximum relief employment both on the site of the work and in the mills, factories and sources of production, the survey of the Federal Department of Labor showing that for every person directly employed, three more persons were engaged in producing materials and supplies; and

WHEREAS, It is now thoroughly proven that the prosperity of the nation depends upon the stimulation of the normal channels of business and trade, thereby increasing private employment in the heavy goods and construction industries rather than in any form of temporary direct relief; and

WHEREAS, The most desirable form of relief is to keep our employable off relief rather than to take them off after they are on; and

WHEREAS, The plan heretofore in effect in PWA of allowing a grant of Federal funds up to a maximum of 45 per cent has proven the most feasible, desirable and practical of all plans in that it

means the local community also bears its share of the load; and

WHEREAS, The payment of prevailing wages as against a dole, and the pride and contentment of the worker engaged in useful work adds to the prosperity and comfort of the community as well as to its actual development as a part of our great State; now, therefore, be it

RESOLVED by the Senate and Assembly of the State of California, jointly, That the Legislature of the State of California hereby respectfully petition the President of the United States and the members of the Congress to extend and continue the existence of the Federal Public Works Administration for an additional two years after June 30, 1937; and be it further

RESOLVED, That the sum of not less than \$350,000,000 of the one billion five hundred million carried in the pending Federal relief bill be specifically set aside and earmarked for the continuance of PWA loans and grants on the percentage of cost basis which has proven so successful in the past; and be it further

RESOLVED, That we urge this legislation include a specific provision that artisans and workers may be employed through organized labor and local and Federal employment services without the necessity of first declaring themselves as indigents or relief clients; and be it further

RESOLVED, That we urge that the proven plan of grants on a percentage of cost ranging from a minimum of 30 per cent to a maximum of 45 per cent be also incorporated therein; and be it further

RESOLVED, That we respectfully urge the Congress to take prompt action thereon to the end that the many pending projects already approved and on which plans are fully prepared and all preliminary work fully completed may be placed under construction as quickly as possible; and be it further

RESOLVED, That the Governor of the State of California is hereby requested to transmit copies of this resolution to the President and Vice President of the United States, to the Speaker of the House to the members of the committee on appropriations of the House, to the members of the committee on finance of the Senate, and to the Senators and Representatives of the State of California in the Congress.

## S. F. BUILDING EMPLOYS 7100, SURVEY SHOWS

### Construction Gains Reflected In Semi-Annual Figure

Completing its semi-annual survey of San Francisco building projects, the field force of the Industrial Association of San Francisco found more than 7,000 building trades mechanics at work, according to Managing Director Albert E. Boynton.

This is the highest total recorded since the association began its surveys in 1930, with the exception of the figure for May last year, when work on the San Francisco-Oakland Bay Bridge and the Golden Gate Bridge was at its height, Mr. Boynton said.

#### Double 1930 Total

The semi-annual figures compiled by visits of Association representatives to every building and construction job in the city show 7161 mechanics at work at the present time—only 252 less than the high point a year ago. Today's total is more than twice the number employed in May, 1930, and more than three times the number at work in May, 1931, five years ago when employment in the building trades was at its lowest ebb.

Home construction is absorbing the greatest number of building trades workers at the present time, with a total of \$3364. Carpenters, as usual, lead all the other crafts in employment with a total of 1,724, and laborers are second with a total of 1624.

Despite the fact that this month's survey shows 252 fewer men employed, there has really been an increase in general building activity because the May, 1936, figures included hundreds of mechanics employed on the San Francisco-Oakland and Golden Gate bridges who have been retired from those projects because of their completion.

### FIVE NEW INSULITE FOLDERS AVAILABLE

Several new folders illustrating its product have been issued recently by the Insulite Co., Builders' Exchange building, Minneapolis, Minn., and now are available to interested contractors. A series of three mailing pieces entitled "Parade of Modern Interiors" pictures results obtained with interior finish products. Two folders deal with "The Insulite Wall of Protection," one containing six questions and answers, the other demonstrating methods followed in laying out, applying and treating joints and surfaces. The firm will send copies upon written request.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
1347-49 Carraro	Carraro	3450
1350 Crocker	Dinwiddie	4000
1351 Dunoir	Maide	3500
1352 Levin	Grant	12000
1353 Lindgren	Owner	3000
1354 Nelson	Owner	3500
1353 Pack	Lindgren	3000
2356 Powers	Strand	4000
1357 Sutter	Owner	2500
1358 Calif. Ever.	Owner	3000
1359 Capital	Malloch	1000
1360 Caruthers	Owner	2500
1361 Caviglia	Owner	4800
1362 Doelger	Owner	5000
1363 Happy	Shea	4500
1364 Happy	Malloch	2000
1365 Melodio	Owner	2000
1366 Safeway	Malloch	1000
1367 Arter	Bruce	3500
1368 Johnson	Owner	3000
1369 Meyerson	Blum	4000
1370 Milano	Q R S	1000
1371 Rodney	Smith	5000
1372 Siggs	Owner	1000
1373 Adams	Owner	3500
1374 Lang	Greenberg	7700
1375 McCabe	Owner	6000
1376 McCarthy	Aetna	4000
1377 McCarthy	Aetna	4000
1378 McCarthy	Aetna	3750
1379 Parodi	Owner	3500
1380 Parodi	Owner	3500
1381 Solloway	Owner	9500
1382 Stater	S. F. Bldg.	2000
1383 Daniels	Owner	8000
1384 Graves	Andersen	2000
1385 Harris	Early	1000
1386 Kaishia	Jacks	10000
1387 Spagnole	Masarie	3000
1388 Sutter	Owner	2000
1389 Williams	Early	1000
1390 Johnson	Owner	5000
1391 National	Owner	25000
1392 Peterson	Property	4500
1393 Safeway	Owner	1800
1894-96 Sala	Johnson	3500
1397 Schefski	Owner	4500
1398-400 Smith	Owner	4500
1401 Standard	Owner	5000

**DWELLING**  
 (1347) S QUESADA 325 E. Keith.  
 One - story and basement frame dwelling.  
 Owner—G. Carraro, 750 Felton.  
 Contractor—G. Carraro & Sons, 750 Felton.  
 Architect—Not Given. \$3,450

**DWELLING**  
 (1348) S QUESADA 350 E. Keith.  
 One - story and basement frame dwelling.  
 Owner—G. Carraro, 750 Felton.  
 Contractor—G. Carraro & Sons, 750 Felton.  
 Architect—Not Given. \$3,450

**DWELLING**  
 (1349) S QUESADA 300 E. Keith.  
 One - story and basement frame dwelling.  
 Owner—G. Carraro, 750 Felton.  
 Contractor—G. Carraro & Sons, 750 Felton.  
 Architect—Not Given. \$3,450

**ALTERATIONS**  
 (1350) 236-44 PINE ST. Alter restaurant.  
 Owner—Crocker First National Bank 1 Montgomery Street.  
 Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (1351) S TRUMBULL 150 W Congdon. One - story and basement frame dwelling.

Owner—M. Dunoir, 237 Silver Ave.  
 Contractor—Delmar Maide, 676 San Bruno Avenue.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (1352) S WASHINGTON 166 West Maple. Two-story and basement frame dwelling.  
 Owner—Bert Levin, 465 California.  
 Contractor—Grant - Martinelli Const. Co., 41 Mary St.  
 Architect—Farr & Ward, 68 Post St. \$12,000

**DWELLING**  
 (1353) E SHRADER 77 S Carmel. One - story and basement frame dwelling.  
 Owner and Builder—Fred Lindgren, 949 Capp Street.  
 Architect—Not Given. \$3,000

**DWELLING**  
 1354 N ARMY ST. 375 W Diamond. One - story and basement frame dwelling.  
 Owner and Builder—R. E. Nelson, 4370 Army Street.  
 Architect—Wm. Morris, 244 Kearny Street. \$3,500

**DWELLING**  
 (1355) E SHRADER 52 S Carmel. One - story and basement frame dwelling.  
 Owner—A. P. Pack, c/o contractor Contractor—Fred Lindgren, 949 Capp.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (1356) W ALABAMA 156 N Army. One - story and basement frame dwelling.  
 Owner—Jules Powers, 1442 Alabama.  
 Contractor—T. C. Strand, 555 Pierce.  
 Architect—Not Given. \$4,000

**ALTERATIONS**  
 (1357) 450 SUTTER STREET. Alter offices.  
 Owner and Builder—450 Sutter Corp. 450 Sutter Street.  
 Architect—Not Given. \$2,500

**GREENHOUSES**  
 (1358) S ALEMANY BLVD., 120 E ST. CHARLES. Six 1-sty. frame greenhouses.  
 Owner—C.H.E. Evergreen Nurseries, Inc., 202 Goettingen.  
 Architect—Not Given. \$3,000

**ALTERATIONS**  
 (1359) NW 26TH AND SANCHEZ. Alter market.  
 Owner—Capital Co., c/o Contractor.  
 Contractor—J. S. Malloch, 666 Mission St.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (1360) 2409 SCOTT. Alter apartments.  
 Owner—W. H. Caruthers, Prem.  
 Architect—Not Given. \$2,500

**RESTAURANT**  
 (1361) W. MISSION, 175 S LEO. One-story frame restaurant.  
 Owner—B Caviglia, 274 Seneca St.  
 Architect—Not Given. \$4,800

**DWELLING**  
 (1362) NW COR. 16TH AVE. AND NORIEGA. Two-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 329 Judah St.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (1363) NE COR. 10TH AVE. AND NORIEGA. One-story and base-

ment frame dwelling.  
 Owner—Happy Home Bldg. Co., 2194 30th Ave.  
 Contractor—Shea Constr. Co., 105 Montgomery St.  
 Architect—Not Given. \$4,500

**ALTERATIONS**  
 (1364) SW HAIGHT AND CENTRAL AVE. Alter market.  
 Owner—Dion Holm, c/o Contractor.  
 Contractor—J. S. Malloch, 666 Mission St.  
 Architect—Not Given. \$2,000

**ALTERATIONS**  
 (1365) SE COR EUGENIA AND ANDERSON. Alter dwelling.  
 Owner—Jos. Melodio, 319 Highland Ave.  
 Architect—Not Given. \$2,000

**ALTERATIONS**  
 (1366) 1423 FILLMORE ST. Alter market.  
 Owner—Safeway Stores, Inc., 1000 Brannan.  
 Contractor—J. S. Malloch, 666 Mission St.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (1367) NE SHRADER, 43 NW OF BELGRAVE. One-story and basement frame dwelling.  
 Owner—Norman A. Arter, 224 Camino Del Mar.  
 Contractor—Bruce & Martin, 290 Mission St.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (1368) E MADISON, 227 S SILVER. One-story and basement frame dwelling.  
 Owner—J. A. Johnson, 89 Madison.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (1369) E. SOMERSET, 150 S FELTON. One-story and basement frame dwelling.  
 Owner—S. Meyerson, San Bruno Avenue.  
 Contractor—Joe Blum, 212 Silliman.  
 Architect—Not Given. \$4,000

**SIGN**  
 (1370) 1741 POWELL. Electric sign.  
 Owner—Milano Theatre, Prem.  
 Contractor—QRS Neon Corp., Ltd., 690 Potrero.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (1371) N. SAGAMORE, 25 E CAPITAL. One-story and basement frame dwelling.  
 Owner—Thos. Rodney, 132 Sagamore.  
 Contractor—H. H. Smith, Daly City.  
 Architect—Not Given. \$5,000

**ALTERATIONS**  
 (1372) 2314 19TH AVE. Alter dwelling.  
 Owner—Arthur R. Siggs, Prem.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (1373) E. 27TH AVE., 100 N SAN TIAGO. One-story and basement frame dwelling.  
 Owner—E. Adams, 2218 21st Ave.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (1374) SW 15TH AVE AND JUDAH ST. One-story and basement frame dwelling.  
 Owner—L. W. Lang, 885 Waller St.  
 Contractor—Chas Greenberg, 314 S 23rd St.  
 Architect—Not Given. \$5,700

**DWELLING**  
 (1375) W 26TH AVE, 120 S OF  
 OCEAN One-story and base-  
 ment frame dwelling.  
 Owner—J. McCabe, 716 Ulloa.  
 Architect—D. E. Jaekle, 126 Post St.  
 \$6000

**DWELLING**  
 (1376) NE COR PLYMOUTH AND  
 LAKEVIEW AVES. One-story and  
 basement frame dwelling.  
 Owner—The McCarthy Co., 383 Kear-  
 ny St.  
 Contractor—Aetna Constr. Co., 1730  
 14th Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1377) S E COR. VERNON AND  
 HOWETH STS. One-story and  
 basement frame dwelling.  
 Owner—The McCarthy Co., 333 Kear-  
 ny St.  
 Contractor—Aetna Constr. Co., 1730  
 24th Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (1378) N LAKEVIEW, 100 E PLY-  
 MOUTH One-story and base-  
 ment frame dwelling.  
 Owner—The McCarthy Co., 333 Kear-  
 ny St.  
 Contractor—Aetna Constr. Co., 1730  
 24th Ave.  
 Architect—Not Given. \$3750

**DWELLING**  
 (1379) E SOMERSET, 150 N WOOL-  
 SEY One-story and basement  
 frame dwelling.  
 Owner—Giacomo Parodi, 2864 San  
 Bruno Ave.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1380) E SOMERSET, 125 N WOOL-  
 SEY One-story and basement  
 frame dwelling.  
 Owner—Giacomo Parodi, 2864 San  
 Bruno Ave.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1381) E SANTA RITA, BET SO-  
 TELO AND SAN MARCOS. 2-  
 story and basement frame dwell-  
 ing.  
 Owner—B. B. Solloway, 1808 Fulton  
 Architect—E. H. Denke, 1317 Hyde  
 St. \$8500

**ALTERATIONS**  
 (1382) 950 VAN NESS AVE. Alter  
 Auto Salesroom.  
 Owner—Stater Motor Co., Van Ness  
 and California.  
 Contractor—S. F. Bldg and Constr  
 Co., 2212 Park St.  
 Architect—Not Given. \$2000

**FLATS**  
 (1383) E KIRKHAM 40 W 15th Ave.  
 Two-story frame flats.  
 Owner—H. Dunlap, 1501 15th Ave.  
 Architect—O. O. Clausen, 746 46th  
 Avenue. \$8,000

**ALTERATIONS**  
 (1384) 1300 JONES STREET. Alter  
 dwelling.  
 Owner—W. C. Graves, etc contractor.  
 Contractor—Adolph Andersen, 230  
 Hazelwood.  
 Architect—Not Given. \$2,000

**ALTERATIONS**  
 (1385) 169 JORDAN. Alter dwell-  
 ing.  
 Owner—The Jordan Building Co.  
 Contractor—Fred J. Kasper, Jr. 369  
 Pine Street.  
 Architect—Not Given. \$1,000

**MORTUARY**  
 (1386) NW GEARY. Alter dwelling.  
 Two-story Class C mortuary.  
 Owner—C. Kadisha Inc. etc con-  
 tractor.

Contractor—Jacks & Irvine, 620 Mar-  
 ket Street.  
 Architect—Hyman and Appleton, 68  
 Post Street. \$100,000

**SHED**  
 (1387) W BAYSHORE BLVD. 187  
 S Cortland Ave. One-story frame  
 shed.  
 Owner—P. Spagnole, 534 Bayshore  
 Boulevard.  
 Contractor—V. Masarie, 2550 19th St.  
 Architect—Not Given. \$3,000

**ALTERATIONS**  
 (1388) 450 SUTTER ST. Alter ot-  
 tice building.  
 Owner and Contractor — 450 Sutter  
 Corp. premises.  
 Architect—Not Given. \$2,000

**ALTERATIONS**  
 (1389) 1045 SCOTT ST. Alter dwell-  
 ing.  
 Owner—Margaret Williams, premises.  
 Contractor—Fred J. Early, Jr., 369  
 Pine Street.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (1390) W STANYAN, 256 N OF  
 TURK. Two-story and basement  
 frame dwelling.  
 Owner—Peder P. Johnsen, 157 Stan-  
 yan.  
 Architect—Not Given. \$5000

**ICE PLANT**  
 (1391) W RHODE ISLAND, 24 S  
 DIVISION. One-story Class C  
 Ice Plant.  
 Owner—National Ice & Cold Stor-  
 age Co., 417 Montgomery.  
 Engineer—James M. Smith, 251 Kear-  
 ny St. \$25,000

**DWELLING**  
 (1392) NE COR. 23RD AVE. AND  
 MORAGA. One-story and base-  
 ment frame dwelling.  
 Owner—G. L. Peterson, 1531 25th  
 Ave.  
 Contractor — Property Improvement  
 Co., 919 Fell St.  
 Architect—Not Given. \$4500

**ALTERATIONS**  
 (1393) SE CAPITAL AND FARAL-  
 LONES. Alter store.  
 Owner—Safeway, Prem.  
 Architect—Not Given. \$1800

**DWELLING**  
 (1394) NE PERALTA, 100 NE OF  
 FLORIDA. One-story and base-  
 ment frame dwelling.  
 Owner—Sala & Sala, 3090 16th St.  
 Contractor—J. Johnson & Son, 1614  
 Church.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1395) NW PERALTA, 158 NE OF  
 FLORIDA. One-story and base-  
 ment frame dwelling.  
 Owner—Sala & Sala, 3090 16th St.  
 Contractor—J. Johnson & Son, 1614  
 Church St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1396) NW PERALTA, 129 NE OF  
 FLORIDA. One-story and base-  
 ment frame dwelling.  
 Owner—Sala & Sala, 3090 16th St.  
 Contractor—J. Johnson & Son, 1614  
 Church St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (1397) N SWEENEY, 150 E MER-  
 RILL. One-story and basement  
 frame dwelling.  
 Owner—David Schefski, 22 Arleta  
 Ave.  
 Architect—H. C. Baumann, 251 Kear-  
 ny St. \$4500

**DWELLING**  
 (1398) W 25TH AVE, 33 N SAN-  
 TIAGO. One-story and base-  
 ment frame dwelling.

Owner—Martin Smith, 525 Guerrero.  
 Architect—Walter C. Falch, Hearst  
 Bldg. \$4000

**DWELLING**  
 (1399) W 25TH AVE, 67 N SAN-  
 TIAGO. One-story and basement  
 frame dwelling.  
 Owner—Martin Smith, 525 Guerrero.  
 Architect—Walter C. Falch, Hearst  
 Bldg. \$4000

**DWELLING**  
 (1400) NW COR. 25TH AVE. AND  
 SANTIAGO. One-story & base-  
 ment frame dwelling.  
 Owner—Martin Smith, 525 Guerrero.  
 Architect—Walter C. Falch, Hearst  
 Bldg. \$4500

**SERVICE STATION**  
 (1401) NE COR. PORTOLA DRIVE  
 AND WOODSIDE AVE. Steel  
 Service Station.  
 Owner—Standard Oil Co., 225 Bush  
 Street.  
 Architect—Not Given. \$5000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
925	Fogelstrom	Contractor	6500
926	Burrell	Owner	15000
927	Church	Henderson	10,000
928	Beckett	Owner	8000
929	Brusachetto	Silva	3500
930	Crocker	Owner	4500
931	Griffiths	Owner	2500
932	Lapham	Lapham	8000
933	Lyon	Owner	3700
934	Mann	Hayward	3200
935	Sylva	Goniats	4250
936	Williams	Dawson	1500
937	Caizaga	Bettencourt	7650
938	Richards	Walker	1000
939	Leschinsky	Owner	4000
940	Buckland	Owner	3750
941	P G & E	Owner	8000
942	Sayers	Petersen	700
943	Taylor	Owner	7000
944	Tisher	Johnson	16500
945	Wright	Owner	2600
946	Suonia	Kesti	3500
947	Corso	Johnson	2600
948	Baker	McClure	1500
949	Drysdale	Owner	3700
950	Duncan	Owner	1500
951	Gidden	Jordan	3750
952	Hodgkinson	Higgins	3000
953	Jesperesen	Owner	5500
954	Scammell	Owner	4500
955	Warren	Lassen	4500
956	Wiley	Rednours	6000
957	Brewer	Short	1000
958	Hinch	Owner	3000
959	Straightif	Brodrick	1575
960	Central	Moore	1365
961	De Sanno	Leiter	1500
962	Franciscan	Miller	10600
963	Grubb	Owner	3800
964	Leukins	Owner	4450
965	Munro	Amer. Roof	1810
966	Williams	Nicholson	7500
967	Webster	Stead	4900
968	Fleming	Owner	6000
969	Heraty	Jensen	2400
970	Heraty	Jensen	2300
971	Johnson	Johnsen	5000
972	Lima	Owner	2300
973	Martensen	Owner	4500
974	Taylor	Owner	4500
975	Tishler	Johnson	11000

**RESIDENCE**  
 (925) 107 ESTATES DR., PIED-  
 MONT Two-story 9-room resi-  
 dence and garage.  
 Owner and Builder—Hubert Fogel-  
 strom, 711 Calmar Ave., Oak-  
 land.  
 Architect—Ray F. Keefer, 770 Wesley  
 St., Oakland. \$15,000

**DWELLING**  
 (926) 1304 BAY VIEW PL., BERKE-  
 LEY One-story 5-room frame  
 dwelling and garage.  
 Owner—Grace and Florence Burrell,  
 1412 Seenic.

- Contractor**—H. K. Henderson, 20 Avis Rd.  
**Architect**—James Wickenden, 1408 Spring Way, Berkeley. \$6500
- CHURCH BUILDING**  
 (927) 2441 RIDGE RD., BERKELEY. One-story Group C Type Church Building.  
**Owner**—Church Divinity School of the Pacific, 2451 Ridge Rd.  
**Contractor**—H. K. Henderson, 20 Avis Rd.  
**Architect**—W. H. Ratcliff. \$10,000
- FACTORY**  
 (928) 3001 SAN PABLO AVENUE, OAKLAND. One-story brick and concrete factory.  
**Owner & Builder**—A. T. Beckett, 224 Scenic Ave., Piedmont.  
**Architect**—Not Given. \$5000
- DWELLING**  
 (929) 618 57TH ST., OAKLAND. One-story 5-room dwelling.  
**Owner**—M. Brusachetto, 874 46th St.  
**Contractor**—J. M. Silva, 870 46th St.  
**Architect**—Not Given. \$3300
- DWELLING**  
 (930) 172 GLENWOOD GLADE, OAKLAND. One-story 6-room dwelling.  
**Owner & Builder**—H. L. Crocker, Jr., 39 Wilding.  
 Also garage. \$200.  
**Architect**—Not Given. \$4500
- DWELLING**  
 (931) 4238 KNOLL AVE., OAKLAND. One-story 4-room dwelling.  
**Owner & Builder**—E. O. Griffiths, 1207 60th Ave.  
 Also 1-story garage, \$100.  
**Architect**—Not Given. \$2200
- DWELLING**  
 (932) 45 HILLWOOD PLACE, OAKLAND. Two-story 8-room dwelling.  
**Owner**—A. R. Lapham, 947 Hillcroft Circle.  
**Contractor**—Theo. H. Lapham, 546 Kenmore Ave.  
**Architect**—I. M. Johnson, 2215 7th Ave. \$8000
- DWELLING**  
 (933) 8265 OUTLOOK AVE., OAKLAND. One-story 3-room dwelling.  
**Owner & Builder**—C. D. Lyon, 6501 Buena Ventura Ave.  
**Architect**—Not Given. \$3700
- DWELLING**  
 (934) 1356 106TH AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—J. Vedes Mann, 3121 Fruitvale Ave.  
**Contractor**—C. D. Hayward, 223 Frisbie.  
**Architect**—Not Given. \$3200
- DWELLING**  
 (935) 1950 32RD AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—R. Silva, 2730 79th Ave.  
**Contractor**—C. Gonlats, 2042 40th Ave.  
**Architect**—Not Given. \$4250
- ADDITION**  
 (936) 614-16 37TH ST., OAKLAND. Addition.  
**Owner**—E. M. Williams 614 37th St.  
**Contractor**—Lloyd S. Dawson, 1972 Tiffin Rd.  
**Architect**—Not Given. \$1500
- DWELLING**  
 (937) 1943 EVELYN AVE., BERKELEY. One-story 4-room frame dwelling and garage.  
**Owner**—T. M. Calazza, 1241 Evelyn.  
**Contractor**—Bettencourt & Terro, 1211 Evelyn.  
**Architect**—Not Given. \$2650
- ALTERATIONS**  
 (938) 2213 ASHBY, BERKELEY. Alterations.  
**Owner**—E. Richards, Prem.  
**Contractor**—J. M. Walker, 401 Spruce.  
**Architect**—Not Given. \$1000
- DWELLING**  
 (939) 2777 HILGARD, BERKELEY. One-story 5-room frame dwelling and garage.  
**Owner & Builder**—Joe Leschinsky, Prem.  
**Architect**—Not Given. \$4000
- DWELLING**  
 (940) 8001 BROADWAY TERRACE, OAKLAND. One-story 5-room dwelling.  
**Owner & Builder**—Nelson J. Buckland, 1736 68th Ave.  
**Architect**—Not Given. \$3750
- SUB-STATION**  
 (941) 630 1ST ST., OAKLAND. 3-story 14-room concrete sub-station.  
**Owner & Builder**—Pacific Gas & El. Co., 245 Market St., San Francisco.  
**Architect**—A. H. Markwort, 245 Market St., San Francisco. \$80,000
- STORES**  
 (942) 3130-32-34 E. 14TH ST., OAKLAND. One-story 3-room stores.  
**Owner**—W. Sayers, Prem.  
**Contractor**—J. B. Petersen & Son, 4021 Agua Vista Ave.  
**Architect**—Not Given. \$7000
- DWELLING**  
 (943) 2495-10 PARK BLVD., OAKLAND. Two-story 10-room 2-family dwelling.  
**Owner & Builder**—F. S. Taylor, 1622 Harrison St.  
**Architect**—Not Given. \$7000
- APARTMENTS**  
 (944) 660-62-64-66 VERMONT ST., OAKLAND. Two-story 20-room apartments.  
**Owner**—C. R. Tisher, 6127 Foothill Blvd.  
**Contractor**—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
**Architect**—Not Given. \$16,500
- DWELLING**  
 (945) 3763 29TH AVE., OAKLAND. One-story 3-room dwelling.  
**Owner & Builder**—Geo. H. Wright, 4101 Redding St.  
**Architect**—Not Given. \$2600
- DWELLING**  
 (946) 2333 BROWNING, BERKELEY. One-story 4-room frame dwelling and garage.  
**Owner**—Axel Suoma, Prem.  
**Contractor**—D. Kestl, 2217 Browning.  
**Architect**—Not Given. \$3500
- DWELLING**  
 (947) 1249 BANCROFT WAY, BERKELEY. One-story frame dwelling.  
**Owner**—George Corso, 2400 San Pablo Ave.  
**Contractor**—R. F. Johnson & Son, 560 56th St. Oakland.  
**Architect**—Not Given. \$2800
- ALTERATIONS**  
 (948) 336 34TH ST. OAKLAND. Alterations to apartments.  
**Owner**—E. Carlton Baker, Prem.  
**Contractor**—S. & J. S. McClure, 506 Ramona St., Albany.  
**Architect**—Not Given. \$1500
- DWELLING**  
 (949) 3017 DELAWARE ST., OAKLAND. One-story 5-room dwelling.  
**Owner & Builder**—Donald M. Drysdale, 22 Wildwood Avenue, Piedmont.  
**Architect**—Not Given. \$3300
- DWELLING**  
 (950) 338 105TH AVE., OAKLAND. One-story 3-room dwelling.  
**Owner & Builder**—R. W. Duncan, 336 105th Ave.  
**Architect**—Not Given. \$1750
- DWELLING**  
 (951) 3739 MADRONE AVE., OAKLAND. One-story 5-room dwelling.  
**Owner**—A. C. Giddes, 574 Williams St.  
**Contractor**—M. Jordan, 979 Mountain Blvd.  
**Architect**—Not Given. \$3750
- DWELLING**  
 (952) 5516 MERRIEWOOD DRIVE, OAKLAND. One-story 4-room dwelling.  
**Owner**—Kay Hodgkinson, 801 Financial Center Bldg.  
**Contractor**—Wiggins & Swanson, 112 Glenwood Glade.  
**Architect**—Not Given. \$3000
- DWELLING**  
 (953) 938 51TH ST., OAKLAND. 2-story 6-room dwelling.  
**Owner & Builder**—J. W. Jespersen, 878 54th St.  
**Architect**—Not Given. \$5500
- DWELLING**  
 (954) 2515 CASTELLO ST., OAKLAND. One-story 5-room dwelling.  
**Owner & Builder**—J. W. Scammell, 3161 Fruitvale Ave.  
 Also 1-story garage, \$200.  
**Architect**—Not Given. \$4500
- DWELLING**  
 (955) 3900 HUNTINGTON STREET, OAKLAND. One-story 5-room dwelling.  
**Owner**—E. N. Warren, 1422 Carlton St., Berkeley.  
**Contractor**—C. C. Lassen, 1515 Financial Center Bldg.  
**Architect**—Not Given. \$4500
- DWELLING**  
 (956) 5623 ADY DRIVE, OAKLAND. Two-story 7-room dwelling.  
**Owner**—P. M. Wiley, 1305 Oak St.  
**Contractor**—C. E. Rednours, 2141 Spaulding Ave., Berkeley.  
 Also 1-story garage, \$300.  
**Architect**—Not Given. \$6000
- ADDITIONS**  
 (957) 1295 BAY VIEW PL., BERKELEY. Additions.  
**Owner**—E. V. Brewer, Prem.  
**Contractor**—J. V. Short, 1386 Euclid.  
**Architect**—Not Given. \$1000
- DWELLING**  
 (958) 1207 DWIGHT WAY, BERKELEY. One-story 5-room dwelling.  
**Owner & Builder**—E. M. Hinch, 393 Bellevue Ave., Oakland.  
**Architect**—M. Newson, 497 25th St., Oakland. \$5000
- ADDITIONS**  
 (959) 1410 MILVIA. Additions.  
**Owner**—Myra I. Straightif, Prem.  
**Contractor**—W. L. Brodrick, 640 Arlington.  
**Architect**—Not Given. \$1575
- SIDE ALTERATIONS**  
 (960) SE COR. 18TH AND JEFFERSON STS., OAKLAND. Side Alterations.  
**Owner**—Central Bank of Oakland 14th and Broadway.  
**Contractor**—The John J. Moore Co., 354 Hobart St.  
**Architect**—R. H. Cooley, 354 Hobart St. \$1365
- ADDITION**  
 (961) 1619 PERALTA ST. OAKLAND. Addition.

Owner—F. L. De Sanno, 1853 38th Ave.  
Contractor—E. T. Leiter & Son, 811 37th St.  
Architect—Not Given. \$1500

**MONASTERY**  
(962) 1500 34TH AVE., OAKLAND.  
Two-story concrete monastery.  
Owner—The Franciscan Fathers of California, 1500 34th Ave.  
Contractor—Miller Constr. Co., 3917 Mission St., San Francisco.  
Architect—John J. Donovan, 925 Parker Ave., Berkeley. \$106,000

**DWELLING**  
(963) 1915 106TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—James B. Grubb, 1801 109th Ave.  
Also 1-story garage, \$100.  
Architect—Not Given. \$3800

**DWELLING**  
(964) 2645 CAMINO LENADA, OAKLAND.  
One-story 6-room dwelling.  
Owner & Builder—C. W. Leekins, 6054 La Salle Ave.  
Architect—Not Given. \$4450

**ALTERATIONS**  
(965) 670 OAKLAND AVE., OAKLAND.  
Alterations.  
Owner—Mrs. Maude A. Munro, Prem. Contractor—American Roof Co., 4158 Broadway.  
Architect—Not Given. \$1810

**STORE BUILDING**  
(966) 3609 PIEDMONT AVE., OAKLAND.  
One-story store building.  
Owner—Andrew Williams, Prem.  
Contractor—D. W. Nicholson, 550 Blossom Way.  
Architect—Not Given. \$7500

**ADDITIONS**  
(967) 38 DOMINGO, BERKELEY.  
Additions.  
Owner—Mrs. C. Webster, Prem.  
Contractor—Frank A. Stead, 3206 Boise.  
Architect—F. L. Confer. \$4900

**DWELLING**  
(968) 5493 GOLDEN GATE AVENUE, OAKLAND.  
Two-story 6-room dwelling.  
Owner & Builder—John Fleming, 2248 Coloma St.  
Architect—Not Given. \$6000

**DWELLING**  
(969) 143 TAURUS AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner—Phil Heraty, 488 Fairbanks Ave.  
Contractor—H. K. Jensen, 2757 Rawson St.  
Architect—Not Given. \$2400

**DWELLING**  
(970) 151 TAURUS AVENUE, OAKLAND.  
One-story 4-room dwelling.  
Owner—Phil Heraty, Prem.  
Contractor—H. K. Jensen, 2757 Rawson St.  
Architect—Not Given. \$2300

**DWELLING**  
(971) 3471 MOUNTAIN BLVD., OAKLAND.  
One-story 6-room dwelling.  
Owner—Joel Johnson, 3473 Mountain Blvd.  
Contractor—O. W. Johnson, 3721 Young Ave.  
Architect—Not Given. \$5000

**DWELLING**  
(972) 2257 85TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—S. E. Lima, 1630 85th Ave.  
Architect—Not Given. \$2300

**DWELLING**  
(973) 3926 FORESTHILL AVENUE, OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—Paul Mortensen, 2417 Palmetto St.  
Architect—Not Given. \$4500

**DWELLING**  
(974) 1906 109TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—Wilber C. Taylor, 3442 Clarke St.  
Architect—Not Given. \$4500

**FLATS**  
(975) 573-75 BEACON ST., OAKLAND.  
Two-story 12-room flats.  
Owner—C. R. Tisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
Architect—Not Given. \$11,000

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
105	Tidewater	Empire	5476
106	McCarthy	Duerner	4151
107	McCarthy	Duerner	3981
108	Bank Amer.	Malloch	2076

**SERVICE STATION**  
(105) SW COR. SCOTT and Fell Sts.  
Reconstruct service station.  
Owner—Tidewater Associated Oil Co.  
Architect—Not Given.  
Contractor—Empire Const. Co., Ltd.  
Filed May 20, '37. Dated, May 15, '37.  
Upon completion ..... 75%  
Usual 35 days. TOTAL COST, \$5,476  
Bond, \$5,476. Sureties, Globe Indemnity Co. Limit, 30 days. Plans and specifications filed.

**DWELLING**  
(106) N LAKEVIEW AVE. AND E. PLYMOUTH AVE.  
One-story and basement frame dwelling and garage.  
Owner—The McCarthy Co.  
Contractor—Will Duerner, Jr., as Aetna Constr. Co.  
Filed May 24, '37. Dated May 12, '37.  
25% frame up.  
25% brown coat plaster.  
25% completion.  
25% usual 35 days. TOTAL COST, \$4,151  
Limit, 90 days. Plans and specifications filed.

**DWELLING**  
(107) N LAKEVIEW AVE., 100 E PLYMOUTH AVE.  
One-story and basement frame dwelling and garage.  
Owner—The McCarthy Co.  
Contractor—Will Duerner, Jr., as Aetna Constr. Co.  
Filed May 24, '37. Dated May 12, '37.  
25% frame up.  
25% brown coat plaster.  
25% completion.  
25% usual 35 days. TOTAL COST, \$3981  
Limit, 90 days. Plans and specifications filed.

**REMODELING**  
(108) NW 26TH AND SANCHEZ STS., 1290-1298 SANCHEZ ST.  
Remodel two 1-story frame store buildings.  
Owner—Bank of America N. T. & S. Assn.  
Contractor—John S. Malloch.  
Filed May 26, '37. Dated May 20, '37.  
75% 1st and 15th of month.  
25% usual 35 days. TOTAL COST, \$2,076 00

Bond, \$3,676. Surety, Standard Accident Ins. Co. Limit, June 24, 1937  
Plans and specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
60	Westinghouse	General	3638
61	Pac T & T	Miller	124391
62	Franciscan	Aschera	.....
63	Franciscan	Aschera	.....

**ROOFING**  
(60) POWELL Street, Emeryville.  
Roofing for extension warehouse and service shop.  
Owner—Westinghouse Elec. & Mfg. Co.  
Architect—Not Given.  
Contractor—General Roofing Co.  
Filed, May 20, '37. Dated, Apr. 29, '37.  
10th of each month ..... 75%  
Usual 35 days. .... 25%  
TOTAL COST, \$3,638  
Bond, \$1819. Sureties, U. S. Guarantee Co. Limit, 4 weeks. Plans and specifications filed.

**CONDUIT SYSTEM**  
(61) SAN JOSE AVE., BET. OAK AND COLLEGE STS., ALAMEDA.  
Underground conduit system.

Owner—Pacific Tel. & Tel. Co.  
Contractor—G. M. Gest.  
Filed May 21, '37. Dated May 13, '37.  
75% labor and material, each two weeks.  
25% usual 40 days. TOTAL COST, Not Given  
Bond, \$3496.63. Surety, Pacific Indemnity Co. Limit, 60 days. Plans and specifications filed.

**RESIDENCE**  
(62) 1500 34TH AVE., OAKLAND.  
Residence and garage.  
Owner—The Franciscan Fathers of California.  
Architect—J. J. Donovan, 950 Parker St., Berkeley.  
Contractor—Miller Constr. Co.  
Filed May 24, '37. Dated May 21, '37.  
1st each month, 85% labor and material.  
Usual 35 days, 15% labor and material. TOTAL COST, \$124,391.00  
Bonds: Performance, \$62,195; Labor and Material, \$62,195. Surety, Standard Acc. Ins. Co. Forfeit, \$50 per day. Limit, Five months. Plans and specifications filed.

**HEATING**  
(63) 1500 34TH AVE., OAKLAND.  
Heating for residence.  
Owner—The Franciscan Fathers of California.  
Architect—J. J. Donovan, 950 Parker St., Berkeley.  
Contractor—W. A. Aschera.  
Compensation—10% of total cost of installation.  
Bond, \$8,364. Surety, Standard Acc. Ins. Co. Plans and specifications filed.

### SAN FRANCISCO CO. PERMITS

SIGN, metal, \$90; 800 Van Ness Ave.; owner, S. B. McDonald, 999 Van Ness Ave.  
SIGN, electric, \$100; 1283 9th Ave.; owner, H. Koop, Prem.; contractor, Brumfield Elec. Co., 965 Folsom.  
SIGN, electric, \$495; 2539 Mission St.; owner, Sherman Clay Co., Prem.; contractor, Wonderlite Neon Products Corp., Ltd., 170 Ods.  
SIGN, electric, \$200; 3746 3rd St.; owner, Evans Cafe, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
AL. CR. dwelling, \$500; 264 Delano; owner, John Bertone, Prem.; contractor, Roy & Ford, 141 Rio Verde.  
SIGN, electric, \$900; 3023 Broderick; owner, Lachman Bros., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                          |
|---------------------------------|------------------------------------------|
| 1.—Apartments                   | 11.—Offices                              |
| 2.—Bridges                      | 12.—Ice and Cold Storage Plants          |
| 3.—Churches                     | 13.—Power Plants                         |
| 4.—Factories and Warehouses     | 14.—Public Buildings                     |
| 5.—Flats                        | 15.—Fire Houses and Jails                |
| 6.—Garages and Service Stations | 16.—Residences                           |
| 7.—Federal Buildg. Ings.        | 17.—Schools                              |
| 8.—Club Buildg's                | 18.—Banks, Stores and Theatres           |
| 9.—Hospitals                    | 19.—Wharves & Docks                      |
| 10.—Hotels                      | 20.—Misc. Const. & Misc. Supplies & Etc. |

## 1— APARTMENTS

**Preparing Working Drawings**  
**APARTMENTS** Cost, \$.....  
**SAN FRANCISCO**, Marina District. Three-story frame apartment building (21 3- and 4-room apts.) hardwood floors, electric refrigeration, steam heat, wood sash, tile baths and showers, plate glass shower doors, canvas walls, texture plaster walls in corridors, etc.

Owner—Withheld.  
 Architect—R. R. Irvine, 2048 Market.

**Working Drawings Completed**  
**APARTMENTS** Cost, \$20,000  
**RENO**, Nevada.

Two-story modern apartment building (four apartments, each containing living room, dinette, kitchenette, bedroom, bath, and foyer), concrete and steel construction; individual entrances, individual oil burning heating units, individual garbage units, stucco exterior with Johns-Manville steels, insulated with rock mineral wool, plaster interior, tile baths, electric refrigerators, etc. (first unit of twelve apartments).

Owner—Withheld.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

Structural Engineer — C. Jefferson Sly, 306 Charleston Bldg., 251 Kearny St., San Francisco.

**Contract Awarded**  
**APARTMENTS** Cost, \$17,000  
**OAKLAND**, Alameda Co., Calif., 860 Vermont St.  
 Two-story apartment bldg. (20 rooms).  
 Owner—C. R. Fisher, 6127 Foothill Blvd.  
 Architect—Not Given.  
 Contractor — Elmer Johnson, 450 Oakes Blvd., San Leandro.

**Sub Contracts Awarded**  
**APARTMENTS** Cost, \$.....  
**BAYWOOD**, San Mateo Co., Calif.  
 Two-story stucco apartment building (four 5-room apts.), shake roof, tile baths, hardwood floors, hot water heating system, plaster walls, electric refrigeration, garbage chute, etc.

Owner—George Ames.  
 Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.

Contractor — G. W. Williams Co., 315 Primrose Road, Burlingame.  
 Lumber—Wisnom Lumber Co., 5th and S. Claremont Sts.

**Mill Work**—Pacific Mfg. Co., Santa Clara.  
 Painting—George Ames, 408 Howard Ave., Burlingame.

## 3— CHURCHES

**Planned**  
**CHURCH, ETC.** Cost, \$30,000  
**EUREKA**, Humboldt Co., Calif., 15th and H Streets.  
 New church and guild hall.  
 Owner—The Episcopal Church.  
 Architect—Not Selected.

**Planned**  
**MEMORIAL TEMPLE** Cost, \$50,000  
**SAN JOSE**, Santa Clara Co., Calif., Naglee Ave.  
 Addition of memorial temple to the present Rosticrucian building.  
 Owner—The Rosticrucians (Dr. H. Spencer Lewis, Imperator).  
 Architect—Not Selected.

**Contract Awarded**  
**CHAPEL** Cost, \$10,451  
**BERKELEY**, Alameda Co., Cal. Lots 5 to 15, Daley's Scenic Park.  
 Masonry chapel building.  
 Owner—The Church Divinity School of the Pacific.  
 Architect—W. H. Ratcliff, Jr., American Trust Bldg.—Oakland.  
 Contractor—H. K. Henderson, 393 40th St., Oakland.

**Planned**  
**CHURCH ADDITION** Cost, \$.....  
**OAKDALE**, Stanislaus Co., Cal. Olive Street.  
 Addition to Nazarene Church.  
 Owner—The Nazarene Church (Rev. A. C. Augsburg, Pastor).  
 Architect—Not Selected.

## 4— FACTORIES & WAREHOUSES

**To Be Done By Day's Work**  
**FACTORY** Cost, \$9,000  
**OAKLAND**, Alameda Co., Calif., 3001 San Pablo Avenue.  
 One-story brick and concrete factory building.  
 Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.  
 Architect—Not Given.

**Additional Sub Contract Awarded**  
**WAREHOUSE** Cont. Fr. \$142,989  
**EMERYVILLE**, Alameda Co., Calif., Powell St. nd Bayshore Highway.  
 Two-story reinforced concrete warehouse and service plant (200 x 200 feet).  
 Owner—J. Catucci, Lessee—Egglew-Sanford Carpet Co., of New York.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractors—H. J. Christiansen Co., 1855 Webster St., Oakland, and W. E. Lyons Construction Co., 2009 Pacific Ave., Alameda.  
 Cutting—California Cutting Co., Inc., Box 82, El Cerrito.  
 Complete sub-contracts awarded to date published Apr. 29 and May 6.

**Preparing Plans**  
**WAREHOUSE** Cost, \$3,500  
**SANTA ROSA**, Sonoma Co., Calif., Corner of Santa Rosa and Bennett Avenues.  
 One-story frame beer distribution warehouse.  
 Owner—James Brucher.  
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.  
 Contractor—Wm. Rapp, 1413 17th St., Santa Rosa.

**Bids Opened**  
**HANGARS** Cost, \$.....  
**SACRAMENTO**, Sacramento Co., Cal. Municipal Airport.

Two corrugated iron hangars buildings (each 150 x 32 ft., with space for 4 planes and 6 garages), metal roof, concrete floors, steel trusses, windows and doors; corrugated iron exterior.  
 Owner—Widows & Orphans Aid Association of Sacramento Police Department.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Low Bidder—Chas. F. Unger, 2426 Seventh Ave., Sacramento.

Complete bids follow:  
 (1) Work complete, two hangars buildings;  
 (2) Add for painting exterior of buildings.  
 Chas. F. Unger,  
 Sacramento .....(1) \$26,895  
 .....(2) 1,250  
 H. W. Robertson,  
 Sacramento .....(1) 26,989  
 .....(2) 1,636  
 M. R. Peterson,  
 Sacramento .....(1) 28,450  
 .....(2) 954  
 Campbell Constr. Co.,  
 Sacramento .....(1) 29,265  
 .....(2) 1,800  
 Lawrence Constr. Co.,  
 Sacramento .....(1) 29,640  
 .....(2) 1,675  
 Holdener Constr. Co.,  
 Sacramento .....(1) 32,500  
 .....(2) 1,636

## 5— FLATS

May 26, 1937  
**To Be Done By Day's Work**  
**FLATS** Cost, \$8,500  
**SAN FRANCISCO**, S Kirkham St. 40 W. of 15th Avenue.  
 Two - story frame and stucco flat building.  
 Owner and Builder—H. Daniels, 1501 15th Avenue.  
 Architect—C. O. Clausen, 746 46th Avenue.

**Bids Rejected**  
**FLATS** Estimated Cost, \$15,000  
**SAN FRANCISCO**, Corbett Avenue and Argent St.  
 Two-story frame and stucco flat building containing two six-room flats, sunroom on roof, wood sash, hardwood floors, tile baths, composition roof, etc.  
 Owner—H. Wilson, c/o Architect, Hearst Bldg., San Francisco.  
 Bids received May 25 were rejected as being too high, and plans will be revised and new figures asked.

## 7— FEDERAL BUILDINGS

**CONTRACT AWARDED**  
**SAN PEDRO**, Los Angeles Co., Calif. — Chamberlin Metal Weather Strip Co., Detroit, Michigan, at \$1-623, awarded contract by the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office and Custom House at San Pedro.

**BIDS WANTED**  
**SAN DIEGO**, Cal.—Until June 8, 11 A. M., bids will be received by the Eleventh Naval District, under Spec. #421, for a refrigerating plant at the Naval Operating Base (Air Station), San Diego. Work includes furnishing and installing (a) two refrigerating machines (air-cooled); (b) air coolers in two existing cold storage rooms; (c) all necessary piping between refrigerating machines and coolers; (d) electric work in connection with installation of the refrigerating plant; and (e) installation

accessories. Methyl chloride gas will be used as a refrigerant.

Estimated cost, \$1,160.

Specifications may be obtained from Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, upon deposit of check or postal money order for \$10 made payable to the Chief of the Bureau of Yards and Docks.

#### BIDS WANTED

**SAN FRANCISCO**—Until June 18, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a drainage system at the U. S. Mint in San Francisco.

#### BID OPENING DATE POSTPONED

**MARSHFIELD, Ore.**—Until June 7 (postponed from May 28), bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for door plates, window grilles, etc. in the U. S. post office at Marshfield.

#### BIDDER

**SAN PEDRO, Los Angeles Co., Cal.**—Until June 18, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster at the U. S. Quarantine Station, at San Pedro.

#### BIDS WANTED

**POINT ARGUELLO, Santa Barbara Co., Calif.**—Until June 17, bids will be received by the Treasury Department, U. S. Coast Guard Service, Washington, D. C., for the erection of a steel lookout tower (25 ft. high) on concrete foundation piers (the steel work for the tower will be furnished by the Government); the construction of a frame watch house (approx. 9 x 9 ft.) on the steel tower; together with all the accessories required to construct the work at the Point Arguello U. S. Coast Guard Station, near Arlight, Santa Barbara County, Calif.

Plans and specifications may be obtained from the office of Associate Civil Engineer, Andre Bourchy, U. S. Coast Guard, 219 Administration Bldg., Government Island, Oakland, Calif., and from the Commandant, U. S. Coast Guard, Washington, D. C.

#### LOW BIDDERS

**SAN FRANCISCO**—Paragon Electric Company, 68 Belcher St., S. F. 3,792, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for communicating and buzzer system in the U. S. Federal Office Building at San Francisco.

Three low bids follow:

Paragon Electric Co., S. F. \$3,792  
Diagraph Products, Inc., S. F. 5,125  
Spencer Electric Co., S. F. 9,375

#### BIDS WANTED

**SAN DIEGO, Cal.**—Until June 10, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for improvements in Foam Fire Protection System at the Naval Operating Base (Fuel Depot), San Diego.

**NOTE:** This call for bids supercedes one published May 25.

The work consists in general of (a) a reinforced concrete vault pit approximately 10x17-ft. by 6-ft. 9 in. deep, and (b) new and modified steel and cast-iron pipe and valves for control of the foam fire protection system.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

#### MATERIALS APPROVED

**SPRINGVILLE, Ariz.**—Treasury

Department approved following bidg. material and equipment awards for the construction of the U. S. Post Office & Forestry Bldg., at Springerville: Robert E. McKee, general contractor; Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Nash-Kelvinator Corp.; water softener, Wm. B. Scaife & Sons Co.; brass pipe, Bridgeport Brass Co.; relief valves, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Philip Carey Co.; house pump, Weil Pump Co.; sump pump, Weil Pump Co.; air compressor, Quincy Compressor Co.; boilers, Keasbey Boiler Corp.; tube and wall radiators, Amer. Radiator Co.; non-conducting covering for heating, Philip Carey Co.; air valves for radiators and air valves for ends of steam mains, Amer. Radiator Co.; electric controller for house pump motor, Industrial Controller Division of the Square D Co.; automatic starter switch on house pump motor, Industrial Controller Div. of the Square D Co.; lighting distribution panel and feeder panel, Powerlite Switchboard Co., with I.T.E. circuit breaker company thermal circuit breakers; rubber-covered wire, John A. Roebing's Sons Co.; flush switches, Pass & Seymour; pendant switch, Leviton Mfg. Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; lighting fixtures, Perfelco Co.

#### BIDS WANTED

**FORT MASON**—Until June 9, 10 a. m., bids will be received by the office of Major H. F. Wilkinson, Port Quartermaster, Fort Mason, under Bid No. 552-PQM-37-3, for furnishing and installing 22 new steel rolling doors on old portion of Pier Shed No. 2 (Bldg. No. 47), Fort Mason.

Bids will be taken as follows:

- (1) Work complete, furnishing and installing 22 new steel rolling doors;
- (2) If one or more doors are omitted (the number not to exceed five), deduct from Item 1;
- (3) If compressed air, at 90 lbs. pressure, is furnished, free by the Government, deduct from Item 1.

The door openings are approximately 16 ft. wide by 17 ft. 9 in. high.

Specifications obtainable from the above office.

#### CONTRACT AWARDED

**FORT WINFIELD SCOTT**,—William A. Degen, 2055 Santa Clara, Alameda, at \$43, submitted low bid and awarded contract by Captain H. J. Vandershils, H. D. Artillery Engineer, Fort Winfield Scott, under Proj. No. 825-SC-37-4, for waterproofing cable tunnel and trench and having a concrete floor in the switchboard room at Fort Winfield Scott.

Complete bids follow:

W. A. Degen, Alameda—\$43.  
D. C. McCabe, S. F.—\$715.  
Conrad B. Sovig, S. F.—\$1048.  
Frank J. Reilly, S. F.—\$160.

#### Bids Opened

**POST OFFICE** Cost, \$  
**TULARE, Tulare Co., Calif.**  
New U. S. Post Office.

Owner—United States Government  
Plans by Supervising Architect of the Treasury Dept., Washington.

**Low Bidder**—MacDonald Constr. Co., 3229 W Pine Blvd., St. Louis, Mo., \$62,467.

Complete bids follow:  
MacDonald Const. Co., St. Louis: (Item I) \$62,467; (Item II) \$67,907.  
(Alt. A-Add) \$1,200

L. P. Dow Co., Los Angeles: (I) \$67,907; (II) \$75,534; (Alt. A) \$1,900.  
Brenzell & Jacobson, Los Angeles: (I) \$67,852; (II) \$74,537; (A) \$1,163.  
Schuler & McDonald, Inc., Oak-

land: (I) \$68,573; (II) \$75,833; (A) \$1,500.

T. A. Beyer Corp., Los Angeles: (I) \$69,265; (II) \$75,283; (A) \$1,153.  
Whitaker & Snook, Pasadena: (I) \$69,600; (II) \$76,600; (A) \$1,100.

Atlas Const. Co., Pasadena: (I) \$70,000; (II) \$77,000; (A) \$1,100.

W. J. Ocha, Fresno: (I) \$71,984;

(II) \$73,180; (A) \$1,257.

Trebhitt-Shields & Fisher, Fresno:

(I) \$76,000; (II) \$82,500; (A) \$1,300.

#### CONTRACT AWARDED

**FEDDING, Shasta Co., Cal.**—Seco Weatherstrip and Screen Products, Chicago, at \$550, awarded contract by the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Redding.

#### CONTRACT AWARDED

**SALINAS, Monterey Co., Cal.**—Seco Weatherstrip and Screen Products, Chicago, at \$920, awarded contract by the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Salinas.

#### CONTRACT AWARDED

**MADERA, Madera Co., Cal.**—Seco Weatherstrip and Screen Products, Chicago, at \$820, awarded contract by the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Madera.

#### BIDS WANTED

**POINT ARGUELLO, Arlight, Santa Barbara Co., Calif.**—Until June 17, bids will be received by the Treasury Department, Washington, D. C., for the construction, under one general contract, of a two-story frame cottage approximately 22x30-ft., with a one-story wing, 11 ft. 6-in. x 12-ft., at one end and a porch 11-ft. 6-in. x 12-ft. at the other end, and entrance, porches, etc., the cottage having concrete foundation and basement; all complete with electric lights, heating and plumbing, etc., together with all accessories required to construct the work at the Point Arguello U. S. Coast Guard Station near Arlight, Santa Barbara County.

#### BIDS WANTED

**SAN DIEGO, Cal.**—Until June 10, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8456, for improvements to the foam fire protection system at the Naval Operating Base (Fuel Depot), San Diego.

The work consists in general of (a) a stuccoed brick building, approximately 10x17-ft., forming the valve chamber, with concrete foundations and roof slab and with steel windows and doors, and (b) new and modified steel and cast iron pipe and valves for control of the foam fire protection system.

Plans and specifications obtainable from the above office upon deposit of \$10.00

#### CONTRACT AWARDED

**PORTLAND, Ore.**—Otis Elevator Co., Washington, D. C., at \$15,257 awarded contract by the Procurement Division, Washington, D. C., for elevator and remodeling at the U. S. Post Office, Portland.

#### CONTRACT AWARDED

**SAN DIEGO, Cal.**—Aqua Systems, Inc., New York City, at \$8,959, was awarded contract by the Procurement Division, Washington, D. C., for installing a fueling system at the U. S. Coast Guard Station at San Diego.

#### BIDS WANTED

**SAN FRANCISCO**—Until June 3, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Cas-



tom House, San Francisco, under Bid No. 568-37-283, for providing a mineral tile floor, with suitable brass stripping at edges where required, for the plotting switchboard room at Fort Funston.

The work involves:

- (1) 1334 sq. ft. mineral tile floor;
- (2) 14 ft. brass edging strips.

Specifications obtainable from the above office.

#### MATERIALS APPROVED

SAN FRANCISCO.—Treasury Department approved following building material and equipment awards for revisions to the U. S. Federal Office Building at San Francisco. Anderson & Rowe, general contractor.

Brass Pipe—Chase Brass & Copper Co.

#### MATERIALS APPROVED

SAN FRANCISCO.—Treasury Department approved following building material and equipment awards for compressed air blowers, air compressor and water still in the U. S. Mint at San Francisco; Richard L. Cory, general contractor; Air compressor, Ingersoll-Rand Co.; Water Still, Earnstead Still & Sterilizer Co.; Compressed Air Blowers, Spencer Turbine Co.

#### MATERIALS APPROVED

SAN DIEGO.—Treasury Department approved following material and equipment awards for interior lighting fixtures in the U. S. Post Office at San Diego; Multi Electrical Mfg. Co., contractor; Pendant switch, Leviton Mfg. Co.; glassware, Inland Glass Co. and Gleason-Tiebout Glass Co.; lighting fixtures, Multi Electrical Mfg. Co.

#### MATERIALS APPROVED

SALEM, Oregon.—Treasury Dept. approved following building and material equipment awards for the construction of the U. S. Post Office at Salem; L. H. Hoffman, general contractor; Duplex vacuum pumps, Nash Engineering Co.

#### MATERIALS APPROVED

ROSEVILLE, Placer Co., Calif.—Treasury Department approved following building material and equipment awards for the construction of a lawn sprinkler system in the U. S. Post Office at Roseville; N. A. Kelle, contractor; Brass pipe, Scoville Mfg. Co.; brass fittings, Grabler Mfg. Co.; sprinkler heads, valve, key and trimmers, Thompson Manufacturing Co.; valves, Crane Co.; pipe covering and cement, Johns-Manville Co.

#### MATERIALS APPROVED

LOS ANGELES.—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Federal Jail at Los Angeles; Robert McKee, general contractor; Motor switches, Westinghouse Elec. & Mfg. Co.

#### MATERIALS APPROVED

KETCHIKAN, Alaska.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office, etc. at Ketchikan; J. B. Warrack, general contractor; Vacuum pump, Nash Engrg. Co.

#### Cutting Contract Awarded

SUPPLY DEPOT Cont. Pr. \$920,000  
SACRAMENTO Co., Cal. Army Air Corps Supply Depot near North Sacramento.

Two-story steel supply building and head house, and one-story wood and cast wings of warehouse; reinforced concrete and steel construction, conforming in general with the other buildings at the air base.

Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General of Construction Division, Washington, D. C.

Contractor—Eaton and Smith, 715 Ocean Ave., San Francisco.

Cutting—California Cutting Co., Inc., Box 82, El Cerrito.

As previously reported, electric work awarded to Scott-Buttner Elec. Co., 224 Webster St., Oakland; reinforcing steel to Concrete Engr. Co., 126 Indiana St., San Francisco; structural steel to Ingalls Iron Wks., Birmingham, Ala.; steel windows and doors to Soule Steel Co., 1750 Army St., San Francisco; acoustical ceilings and cold storage installation to Western Asbestos Co., 675 Townsend St., San Francisco; painting to R. P. Paoli & Co., 239 Lombard St., San Francisco; kitchen equipment to the Dohrmann Hotel Supply Co., 972 Mission St., San Francisco.

#### MATERIALS APPROVED

HILLO, Hawaii.—Treasury Department has approved following building material and equipment awards for the construction of the U. S. P. O. at Hilo. E. E. Black, general contractor:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Westinghouse Elec. & Mfg. Co.; water pipe, American Brass Co.; back-water cesspools, Blake Specialty Co.; nonconducting covering for plumbing, Johns-Manville Co.; panel boards, Frank Adam Electric Co., with Westinghouse Deion type circuit; feeder panel and main switch, Frank Adam Electric Co.; rubber-covered wire, Simplex Wire & Cable Co.; receptacles, Arrow - Hart and Heald Electric Co.; clock system, Warren Trenchon Co.; flush switches, Arrow-Hart & Hezeman Electric Co.; glassware, Moe-Bridges Corp.; pendant switches, Pass & Seymour; lighting fixtures, Curtiss Lighting Company.

#### CONTRACT AWARDED

VENTURA, Calif.—Peterson Bros., Ingewood, at \$2,125, awarded contract by the Procurement Division, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at Ventura.

#### CONTRACT AWARDED

SAN GABRIEL, Los Angeles Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, at \$130, awarded contract by the Procurement Division, Washington, D. C., for insect screening in the U. S. Post Office at San Gabriel.

#### CONTRACT AWARDED

FRESNO Co., Calif.—Trebwith-Shields & Fisher, 1501 Pacific Southwest Building, Fresno, at \$63,650, awarded contract by the Department of the Interior, Washington, D. C., for constructing hospital and accessory buildings at Washlag Sanatorium Sacramento Agency, under F. P. 561. Project located near Aubrey in Fresno County. Complete bids published May 14.

#### BIDS WANTED

SAN DIEGO, Calif.—Until June 10, 11:00 a. m., bids will be received by the Eleventh Naval District, San Diego, under Spec. #489, for relocating and erecting ventilating hood over ranges at the Eleventh Naval District Hospital, San Diego.

Work includes (a) removal of present ventilating hood with vent ducts over ranges in galley of Building No. 4; (b) altering and repairing of existing hood and re-erecting it over new location of ranges and the connecting of the hood to a blower

(furnished by the Government) on roof; and (c) furnishing and installing two new vents from range.

Specifications may be obtained from the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, upon deposit of \$10, made payable to the Chief of the Bureau of Yards and Docks.

#### BIDS WANTED

MARINE CO., Calif.—Until June 1, 10 a. m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-104, for painting the exterior of all the frame buildings in the CCC Camp, on the Fort Baker-Fort Barry Tunnel Road, Marin County.

Specifications obtainable from the above office.

#### BIDS WANTED

LOS ANGELES, Calif.—Until June 15, 1:30 p. m., bids will be received by the Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for gas and oil burning equipment at the Veterans' Administration Facility, Los Angeles, under Spec. No. 3753-H.

Drawings and specifications may be obtained from the Veterans' Administration, Construction Service, Room 764, Arlington Bldg., Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. A set of drawings and copy of specifications for above work is on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

#### MATERIALS APPROVED

SEATTLE, Wash.—Treasury Department has approved the following building and material and equipment awards for the construction of the University Postal Station at Seattle. A. F. Mowat Const. Co., general contractor:

Rubber-covered wire, Hairshaw Cable & Wire Co.; flush switches, fan hanger receptacles and receptacles, Bryant Electric Co.; feeder panel, NePage-McKenny Co.; lighting distribution panel, NePage-McKenny Co.; plumbing fixtures, Kohler Co.; electric water coolers, Uniflow Mfg. Co.; coal-burning heater, Evans F. Glorie Sales Corp.; indirect water heater, Bell & Gossett Mfg. Co.; pressure reducing valve on water supply, McAlair Mfg. Co.; relief valve, Mueller Steam Specialty Co.; back-water valve and back-water cesspools, Josam Mfg. Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; hoiler, Fitzgibbons Boiler Co.; tube and wall radiators, American Radiator Co.; non-conducting covering for heating, Ebrat Magnesia Mfg. Co.; angle radiator valves, Ohio Pattern & Foundry Co.; oil burners, Master Oil Burner Co.; oil heater, Taco Heaters; air valves for radiators and air valves for ends of steam mains, American Radiator Co.

#### Sub-Contracts Awarded

ADDITION Cont. Price, \$206,300

SACRAMENTO, Sacramento County, Calif.—U. S. Post Office, Court House, Etc.

Two - story reinforced concrete top addition (20,000 sq. ft.) to U. S. Post Office, Court House, Etc.

Owner—U. S. Government

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—K. E. Parker Co., 135 South Park, San Francisco.

Structural Steel—Bethlehem Steel Co., Alameda.

Electric Wiring—Abbett Electric Co., 126 Sear's St., San Francisco.

Heating and Ventilating—Hateley &

Hateley, 1714 10th St., Sacramento.  
**Plumbing and Sheet Metal**—M. R. Carpenter, 907 Front St., Sacramento.  
**Terra Cotta**—Kraft Co., 525 Market St., San Francisco.  
**Steel Windows**—Truscon Steel Co., 604 Mission St., San Francisco.  
**Brick**—White and Floor, 448 Monadnock Bldg., San Francisco.  
**Glass and Glazing**—W. P. Fuller and Co., 301 Mission St., San Francisco.  
**Floors**—Arcne Floor Co., 1051 Mission St., San Francisco.  
**Marble Work**—American Marble Co., P. O. Box 578, South San Francisco.  
**Lathing and Plastering**—A. Knowles, 952 Bryant St., San Francisco.  
**Mill Work**—Pacific Mfg. Co., Santa Clara.  
**Reinforcing Steel**—Kyle & Co., 346 G St., Fresno.

**LOW BIDDERS**

**SAN FRANCISCO**—Patterson Brothers, 2059 Webster St., Oakland, at \$3,790, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Mint at San Francisco.

Three low bidders follow:  
 Patterson Bros., Oakland..... \$3,790  
 Cramer Bros., S. F..... 4,830  
 D. Zelinsky, S. F..... 5,115

**BIDS OPENED**

**SAN FRANCISCO, Cal.**—Patterson Brothers, 2059 Webster St., Oakland, as previously reported, at \$3,790, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Mint at San Francisco.

Complete bids follow:  
 Patterson Bros., Oakland..... \$3,790  
 Cramer Bros., S. F..... 4,835  
 D. Zelinsky & Sons, Inc., S. F..... 5,115  
 R. P. Paoli..... 5,120  
 John P. Exley..... 5,295  
 Haphael Co., S. F..... 5,500  
 W. G. Thompson..... 6,267

**Low Bidders**

**POST OFFICE** Cost, \$.....  
**TULARE**, Tulare Co., Calif.  
 New U. S. Post Office.  
 Owner—United States Government.  
 Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Low Bidder—MacDonald Const. Co., 3329 W. Pine Blvd., St. Louis, Mo., \$62,470.

L. F. Dow Co., Los Angeles, at \$67,430, submitted second low bid.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Until June 3, 11:00 A. M. bids will be received by the Eleventh Naval District, under Spec. 8488, for Terrazzo floors in Galleries, Temporary Buildings, at the Naval Operating Base (Marine Corps Base), San Diego Estimated cost, \$2,500.

Work consists of furnishing and installing approximately 490 sq. ft. of terrazzo floor and 500 linear feet of terrazzo base.

Drawings and specifications may be obtained from the Public Officer, Headquarters, Eleventh Naval District, Foot of Broadway, San Diego, upon deposit of check or postal money order for \$10 made payable to the Chief of the Bureau of Yards and Docks.

**BIDS WANTED**

**BONNEVILLE, Ore.**—Until June 11, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Bldg., Portland, for furnishing and installing at the Bonneville Project, automatic electric elevator, push-

button type, passenger, including operating operating machinery, structural steel guides and machinery-supporting beams, elevator car, hoistway doors and frames, control equipment, and all other appurtenances and accessories, complete and ready for permanent operation. The elevator is to be installed in the access shaft of the spillway dam of the Bonneville Project.

Specifications obtainable from the above office.

**MATERIALS APPROVED**

**SITKA, Alaska**—Treasury Department has approved following building material and equipment awards for the construction of the U. S. P. O. and Cl. House at Sitka. J. B. Warrack, general contractor; vacuum pump, Nash Engr. Co.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until June 10, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for a new sanitary sewer in the U. S. Federal Jail, Los Angeles.

**8—CLUB BUILDINGS**

**Bids Opened**  
**CLUB BUILDING** Cost, \$50,000  
**GRASS VALLEY, Nevada**, Co., Calif. Three-story concrete building (two stores on main floor; lodge and club rooms on second floor, and banquet hall on the third floor) composition and patent roofing, oil burning furnace, concrete floors, steel sash, plaster interior walls, air-conditioning system, etc.

Owner—Masonic Lodge, Grass Valley.

Architect—Jens C. Petersen, 812 26th St., Sacramento.  
 Low Bidder—Roy Madsen, 414 Pine St., Grass Valley.

Complete bids follow:  
 Roy Madsen, Grass Valley..... \$36,990  
 Paul Jenks, Grass Valley..... 38,651  
 J. C. Meyers, Stockton..... 48,656  
 Azevedo Const. Co., Sacto..... 39,990

**9—HOSPITALS**

**Bids Wanted**—To Close June 1st, 4 P. M.

**COTTAGE** Cost, \$.....  
**MARYSVILLE, Yuba Co., Calif.** 4th and H Streets.  
 Owner's Cottage.

Owner—Rideout Memorial Hospital. Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.

Bids will be received by the architect at the hospital.

**General Contract Awarded**

**REMODEL HOTEL** Cost, Fr. \$12,891  
**PORTERVILLE, Tulare Co., Calif.** One-story and basement frame and brick veneer hospital clinic (composition and tile roof, steel sash, heating and air conditioning system, etc.).

Owner—Miss Helen M. Grable, 836 Mills St., Porterville.  
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.

General Contractor—Midstate Constr. Co., 245 Clinton Ave., Fresno.

**10—HOTELS**

**Contract Awarded**  
**REMODEL HOTEL** Cost, \$.....  
**SAN FRANCISCO**, 1430 Larkin St. Install bar and cocktail lounge in hotel.

Owner—E. Pisani.  
 Architect—V. G. Raney, 233 Post St.  
 Contractor—Henry Papanhausen, 595 Victoria St., San Francisco.

**CONCESSION GRANTED**

**BOULDER CITY, Nevada**—Grand Canyon—Boulder Dam Tours, Inc.,

last week was granted a 20-year concession to provide and operate recreational area. R. E. Buckstel and Paul Webb of Boulder City are officers of Grand Canyon—Boulder Dam Tours, which at present is operating the Boulder Dam hotel.

**Plans Being Figured — Bids Close**

**June 1**  
**ADDITION** Cost, \$30,000  
**AUBURN, Placer Co., Calif.**

Sixteen-room addition to two-story concrete hotel bldg.; plus floors, air conditioning, wood sash, built-up roof, etc. (Hotel Auburn).  
 Owner—H. K. Davis, Auburn.  
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Following contractors are figuring the plans:

Gust Carlson & Son, Rt. 3, Box 293-D, Chico.

R. P. Mussetter, Box 892, Auburn.  
 Lawrence Constr. Co., 5372 Ninth Ave., Sacramento.

Roy Madsen, 414 Pine St., Grass Valley.

**11—ICE AND COLD STORAGE PLANTS****CONTRACT AWARDED**

**PHOENIX, Ariz.**—Clinton Campbell, 90 W. Moreland St., Phoenix, awarded contract and has started work on the construction of a two-story and basement reinforced concrete cold storage building on the NE corner of 6th and Jackson Streets, Phoenix, for Arizona Citrus Growers. Holmes & Narver, 639 S. Spring St., Los Angeles, are consulting engineers. Building and equipment will cost \$200,000. 11

**12—POWER PLANTS****Contract Awarded****TRANSMITTER STATION**

Cost, \$.....  
**SAN FRANCISCO, Islais Creek.** One-story reinforced concrete KSFPO transmitter station and garage.  
 Owner—Columbia Broadcasting System.  
 Engineer—Dewell and Earl, 55 New Montgomery Street.

Contractor—P. J. Walker Co., 607 Sharon Bldg.

Contract for a 350-ft. steel tower has already been let by the owner.

**Bids Wanted—To Close June 11,**

**11 A. M.**  
**BUILDING** Cost, \$.....  
**STOCKTON, San Joaquin Co., Calif.**  
 SW Cor. San Joaquin and Lindsay Streets.

New 3-story and basement Class A steel and concrete telephone exchange building (96x86-ft.)  
 Owner—Pacific T. & T. Co. (H. C. Britton, District Manager).  
 Plans by Engineering Department of Owner.

Bids are now being received for excavation, foundation and steel erection only. General construction bids will be asked later. Plans and specifications may be obtained at 140 New Montgomery St., San Francisco, where the bids will be opened.

As previously reported, Herrick Iron Works, 1729 Campbell St., Oakland, awarded contract for structural steel.

**FUNDS ALLOTTED**

**LANE CO., Oregon**—The Rural Electrification Administration has allotted \$105,000 to the Blachly-Lane County Cooperative Electric Association, Blachly, Oregon, for construction of a generating plant and 87 miles of rural distribution lines to serve 420 customers in Lane County. Unable to secure a satisfactory source of power, the REA will finance the construction of an 80-kw.

portable generating plant for this project.

**Closing Date for Electrical Bids Postponed Until June 1, 3 P. M.**  
**CONCRETE PLANT** Cost, \$65,000  
 OAKLAND, Alameda Co., Calif. Foot of Fifth Avenue.

Wet mix concrete plant to consist of main concrete plant, warehouse office building, machine shop and garage, of reinforced concrete, steel and timber construction.

Owner—Henry J. Kaiser Co., Latham Square Bldg., Oakland.

Plans by Engineering Department of Owner.

Following are figuring the electrical plans:

Lynn and Heffernan, 114 Ashton Ave., San Francisco.

G. T. Brayer, 166 7th Street, San Francisco.

H. S. Tittle Co., 85 Columbus Sq., San Francisco.

East Bay Electric Co., 130 12th St. T. L. Rosenberg, 411 Webster St. Mullins Electric Company.

Spot Electric Co., 569 19th Street. California Elec. Co., 1125 Oak St. Pacific Electric Motor Co., Tenth and Oak Streets.

Scott - Buttner Electric Co., 2214 Webster Street.

All of Oakland, unless otherwise noted.

Closing date postponed from May 31st.

**13 - PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**Plans Approved**  
**COURTHOUSE** Est. Cost, \$500,000  
 SALEM, Marion Co., Oregon.

Four-story courthouse (white marble exit with granite base, fire-proof construction, metal windows, court rooms on 3rd floor, offices and county departments on other floors, jail on the top floor, storage vaults, etc.)

Owner—County of Marion.

Architect—Whitehouse and Church, Railway Exchange Bldg., Portland, and Associates (Knighton & Howell, U. S. Bank Building, Portland).

Plans have been approved by the county court and application made for Federal funds to assist in financing.

**Bids Opened**  
**PAVILION BLDGS.** Cost, \$.....  
 YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Four frame pavilion buildings enclosing the Central Court; buildings will have pile foundations, wood frames & sheathing, concrete floors and decks and composition roofs.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Low Bidder—Clinton Const. Co., 923 Folsom Street.

Complete bids follow:

Clinton Const. Co., 923 Folsom Street.....\$214,800

Guy F. Atkinson Co.....232,522

E. T. Lesure, Oakland.....252,000

MacDonald & Kahn, Ltd.....254,452

Bids referred to the San Francisco Bay Exposition Co. and the Public Utilities Commission.

**CONTRACT AWARDED**  
 SAN FRANCISCO.—Frank J. Reilly Co., 6350 Fulton St., at \$15,981 awarded contract by the Department of Public Works, City Hall, for alterations in Controller's Office and Tax Collector's Office, City Hall.

**BIDS OPENED**  
 SAN FRANCISCO.—Van Fleet - Frear Co., 557 Howard St., at \$660 submitted low bid to the Department of Public Works, City Hall, for installing cork floor in payroll division of the Controller's Office, City Hall.

Only other bid submitted by L. S. Case, Inc., at \$686.

**CONTRACT AWARDED**  
 POMONA, Los Angeles Co., Cal.—C. T. and W. P. Stover, 116 Alexander Ave., Claremont, awarded a contract by the Los Angeles County Fair for construction of a frame and stucco fine arts building (100x300-ft.) on the fair grounds in Pomona. Claud Beekman, architect.

**Bids Opened**  
**EXHIBITION BLDG.** Cost, \$.....  
 SAN FRANCISCO. Union Square Pk. (site under consideration).

One-story frame and stucco exhibition building (50x60-ft.) to house a model of the S. F. Bay Exposition buildings.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Low Bidder - A. Nelson, Inc., 242 Ocean Avenue.

Complete bids follow:

A. Nelson, Inc. .... \$8,393

Frank J. Reilly Co. .... 8,681

Miller & McGillis.....9,195

H. H. Larsen ..... 9,473

E. T. Lesure, Oakland.....9,778

MacDonald & Kahn, Ltd.....10,782

Bids held under advisement.

**Bond Election**  
**ETEE STATION** Est. Cost, \$40,000  
 PETALUMA, Sonoma Co., Calif. E. side of Third St., near D St.

New fire station.

Owner—City of Petaluma.

Architect—Brainerd Jones, 226 Washington St., Petaluma.

The City of Petaluma will vote on June 8 on a proposal to issue bonds in the amount of \$58,000, proceeds to finance construction of a new fire station and fire-fighting equipment.

**BIDS WANTED**  
 SAN LUIS OBISPO.—Until June 1, 2 p. m. bids will be received by the County of San Luis Obispo, for composition tile floors, Venetian blinds and electrical lighting fixtures for the County Court House, Monterey and Ocos Sts., also, bids for steel roller partitions and disappearing roller screens for the Tuberculosis Unit of the County Hospital, County Hospital grounds, San Luis Obispo.

Plans may be obtained from the County Clerk, Gwen Marshall, San Luis Obispo, or from the Architects, Walker & Eisen, 437 S. Hill St., Los Angeles, upon deposit of \$15.

**Bids In—Held Under Advisement**  
**EXHIBITION BLDG.** Cost, \$.....  
 SAN FRANCISCO. Union Square Pk. (site under consideration).

One-story frame and stucco exhibition building (50x60-ft.) to house a model of the S. F. Bay Exposition buildings.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Informal bids were received at 585 Bush Street from a selected list of contractors.

**BIDS WANTED**  
 PACIFIC GROVE, Monterey Co., Calif.—Until June 3, 8 p. m. bids will be received by the City of Pacific

Grove, Elgin C. Hurlbert, City Clerk, for painting all exterior surfaces (excepting roof) of City Hall with two coats of General Paint Corporation L & S cement and oil paint or its equal.

**Contracts Awarded**  
**FURNITURE & EQUIPMENT** Cost, \$.....

SALINAS, Monterey Co., Calif. New Court House.

Furniture & equipment (desks, chairs counters, etc.) for New County Court House.

Owner—County of Monterey (C. F. Joy, Clerk) Court House, Salinas. Architect—Robt. Stanton, Del Monte Hotel, Del Monte.

**Steel Equipment**—Yawman and Erbe Mfg. Co., 50 Fremont St., San Francisco, \$23,999.50.

**Wood Equipment**—Rucker-Fuller Co., 539 Market St., San Francisco, \$13,139.05.

Complete bids follow:

Yawman & Erbe Mfg. Co., San Francisco (A) \$23,999.50

Rucker-Fuller Co., S. F. (A) 27,343.50

(B) 13,139.05

General Fireproofing Co., San Francisco (A) 25,684.34

H. S. Crocker Co., Inc., San Francisco (A) 26,867.31

(B) 23,746.28

M. G. West Co., S. F. (A) 26,871.53

(Partial Bid). (B) 557.56

Peninsula Typewriter Exchange, Monterey. (A) 27,832.53

**Architect Appointed**  
**ALTERATIONS** Cost, \$.....  
 OAKLAND, Alameda Co., Calif. 18th and Poplar Sts.

Alterations and repairs to the Detention Home.

Owner—County of Alameda. Architect—Edw. T. Foulkes, 357 12th St.

Mr. Foulkes has been appointed to prepare plans and specifications.

**BONDS DEFEATED**  
 DALY CITY, San Mateo Co., Calif.—A proposal to issue \$14,000 in bonds to finance construction of a new library building was defeated at a special election May 25.

**Bonds Voted**  
**CITY HALL** Cost, \$34,000  
 DALY CITY, San Mateo Co., Calif. New city hall.

Owner—City of Daly City. Architect—Will Toepke, 537 Call Bldg., San Francisco.

A bond issue of \$34,000 was approved at a special election May 25.

**Plans Being Prepared**  
**JAIL** Cost, \$14,000  
 WATSONVILLE, Santa Cruz Co.

One - story reinforced concrete jail building (3 offices, 5 cells) concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices, steel sash.

Owner—City of Watsonville. Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

**Contract Awarded**  
**CENTRAL EXP. TOWER** Cont. Price, \$276,953

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Central Exposition Tower, approximately 400 ft. high, with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling, wood furring and wood sheathing over frame decks with composition covering and plastered exterior.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.

Contractor—Guy F. Atkinson Co., 638  
Russ Bldg., San Francisco.  
Complete bids published May 17.

**CONTRACT AWARDED**  
SAN FRANCISCO. — Van Fleet-  
Frear Co., 557 Howard St., at \$660,  
awarded contract by the Department  
of Public Works, City Hall, for install-  
ing cork floor in payroll division  
of the Controller's Office, City  
Hall.

**BIDS OPENED**  
SAN FRANCISCO. — Sculptor's  
Work Shop, 121 14th St., at \$1,675,  
submitted low bid to the Depart-  
ment of Public Works, City Hall, for  
construction of a cast stone pedestal  
of the California Palace of the  
Legion of Honor.  
Complete bids follow:  
Sculptor's Work Shop ..... \$1,675  
DeLuca & Son, Inc. .... 1,867  
O. Monson ..... 2,362  
F. J. Reilly ..... 2,471  
P. Grassi & Co. .... 2,600

## 14—RESIDENCES

Plans Being Figured By Selected  
ALTERATIONS Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif.  
Stanford Campus.  
Alterations to Alpha Omicron Pi Sorority  
House.  
Owner—Alpha Omicron Pi Sorority.  
Architect—C. K. Sumner, Deckerok  
Bldg., Palo Alto.  
Harry H. Dabnett, 959 Guinda St.,  
Palo Alto, is the only contractor fig-  
uring plans.

**SUB-BIDS WANTED**  
LOS ALTOS, Santa Clara Co., Cal.  
—Dunwiddie Const. Co., 210 Crocker  
Bldg., San Francisco (EX. 5616) de-  
sires sub-bids not later than noon  
today on all portions of the work for  
the construction of the Reynolds Mc-  
Henry residence at Los Altos, for  
which bids will be opened at 4 P.  
M. today.  
Plans by Architects Birge M. and  
David B. Clark, Palo Alto.

**Contract Awarded**  
RESIDENCE Cont. Pr. \$9,845  
ALAMEDA CO., Calif. Near Pleas-  
anton.  
One-story frame ranch house (seven  
rooms, two baths), shingle roof,  
hardwood floors, tile baths, oil  
burning heating system, etc.  
Owner—Raymond Brown.  
Architect—Higgins & Root (Chester  
Root, architect), Security Bldg.,  
San Jose.  
Contractor—R. A. Griffin, Irvington.

**Contract Awarded**  
RESIDENCE Cost, \$4,800  
BERKELEY, Alameda Co., Cal. Mil-  
ler Avenue.  
One-story frame and rustic residence  
(hardwood floors, linoleum bath,  
wood sash, shingle roof, double  
storage, gas fired hot air heating  
system, etc.)  
Owner—Mr. Harm.  
Plans by Paul K. Tuttle, 5715 Grand  
Ave., Oakland.  
Contractor—E. J. Krosca

**Preparing Plans**  
REMODEL RESIDENCE Cost, \$  
SAN MATEO, San Mateo Co., Calif.  
Remodel residence.  
Owner—H. C. Baskett.  
Architect—Marie Corbett, 72 2nd Ave.  
San Mateo.

**Contract Awarded**  
RESIDENCE Cont. Pr. \$10,055  
UKIAH, Mendocino County, Calif.  
1½-story frame and brick veneer resi-  
dence (8 rooms), shingle roof,  
hardwood floors, tile baths, oil  
burning heating system, wood

sash, etc.  
Owner—Elmer Albertson, % Archi-  
tect.  
Architect—Clarence Caulkins, Rosen-  
berg Bldg., Santa Rosa.  
Contractor—H. V. La Porte, Box 602,  
Ukiah.

**Contract Awarded**  
RESIDENCE Cont. price, \$6,775  
GLEN ELLLEN, Sonoma Co., Calif.  
One-story frame and stucco resi-  
dence (7 rooms), shingle tile roof,  
steel sash, hardwood floors, tile  
baths, etc.  
Owner—Ed Small.  
Architect—John Easterly, Healds-  
burg and Santa Rosa.  
Contractor—Carl Sullivan, Rt. 4, Box  
67-A, Santa Rosa.

**Contract Awarded**  
RESIDENCE Cost, \$14,000  
BURLINGAME HILLS, San Mateo  
Co., Calif. Canyon Road.  
Two-story frame and stucco resi-  
dence.  
Owner—G. O. Bohrs  
Architect—Not Given.  
Contractor—D. B. Gladstone, 557  
Market St., San Francisco.

**Preparing Sketches**  
RESIDENCE Cost, \$.....  
CARMEL, Monterey County.  
One-story frame and whitewashed  
brick residence (8 rooms, 3 baths)  
wood sash, hardwood floors in  
living and dining rooms; tile  
baths, etc.  
Owner—Virginia Carr  
Architect—Milton Latham, Carmel

**Preparing Sketches**  
RESIDENCE Cost, \$.....  
CARMEL, Monterey County.  
One-story frame hillside residence  
(3 rooms and garage) with pro-  
visions for addition of a second  
story at a future date.  
Owner—Withheld.  
Architect—Milton Latham, Carmel.

May 24, 1937  
**To Be Done By Day's Work**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, S. Quesada St. E.  
of Keith.  
Three one-story and basement frame  
and stucco residences.  
Owner and Builder—G. Carraro &  
Sons, 750 Felton Street.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$15,000  
PIEDMONT, Alameda Co., Cal. 107  
Estates Drive.  
Two-story frame and stucco resi-  
dence (9 rooms).  
Owner and Builder—Hubert Fogel-  
storn, 711 Calaver Ave., Oakland.  
Architect—Ray E. Keefe, 770 Wes-  
ley St., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
BERKELEY, Alameda Co., Cal. 1304  
Bay View Place.  
One-story frame and stucco resi-  
dence (5 rooms).  
Owner—G. Burrell, 1412 Scenic Way,  
Berkeley.  
Architect—James Wickenden, 1408  
Spring Way, Berkeley.  
Contractor—H. K. Henderson, 20 Axis  
Road, Berkeley.

**Contract Awarded**  
RESIDENCE Cost, \$5,500  
OAKLAND, Alameda Co., Calif. 45  
Hillwood Place.  
Two-story frame and stucco resi-  
dence (8 rooms).  
Owner—A. R. Lapham, 947 Hillcroft  
Circle, Oakland.  
Architect—I. M. Johnson, 2214 7th  
Ave., Oakland.  
Contractor—Theo. H. Lapham, 546  
Kenmore Ave., Oakland.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$10,000  
PALO ALTO, Santa Clara Co., Calif.  
181 Coleridge Avenue.  
Two-story frame and stucco resi-  
dence and garage.  
Owner—W. E. Graham, 410 Coleridge  
Ave., Palo Alto.  
Architect—Not Given.  
Contractor—Aro & Otkerman, Box 433  
Palo Alto.  
Roofing—Reaves Roofing Co., Route  
1, Box 806, Palo Alto.  
Plumbing—Wallace and Stump, 453  
Hope St., Mountain View.  
Electric Wiring—Stanford Electric  
Works, 294 University Ave., Palo  
Alto.  
Heating and Sheet Metal—Stanford  
Sheet Metal Works, 815 High  
St., Palo Alto.  
Tile Work—Bloomquist Tile Co., 722  
Clinton St., Redwood City.  
Glass—Acme Glass Co., 831 Alma St.,  
Palo Alto.  
Hardwood Floors—A. Backlund, 559  
Kingsley Ave., Palo Alto.  
Brick and Stone Work—Walker Bros.,  
950 Noble Ave., Menlo Park.  
Grading—Everett Strain, Rte. 1, Box  
529, Palo Alto.  
Lumber—Merner Lumber Co., 795  
State Highway, Palo Alto.  
Mill Work—Matheny Sash & Door,  
Oakland.  
Painting—Laine & Terho, 15 Everett  
Ave., Palo Alto.  
Lathing and Plastering—E. Gardner,  
1045 5th St., Menlo Park.  
Foundations and Concrete—J. Emma  
and C. Bivona, 183 E Willow  
Road, Palo Alto.

**Plans and Specifications Completed**  
RESIDENCE Cost, \$11,500  
SAN FRANCISCO, Monterey Hgts.  
Two-story frame and stucco resi-  
dence (3 bedrooms, 3 baths, liv-  
ing room, dining room, kitchen  
and dining alcove, 2 roof decks,  
heavy strip shingle roof, steel  
sash, tiletex on shower walls and  
around baths.  
Owner and Builder—Home Building  
Service Co., 101 Post Street.  
Architect—Mark Daniels, 101 Post.

**Contract Awarded**  
RESIDENCE Cont. Price, \$124,391  
OAKLAND, Alameda Co., Calif. 1500  
34th Avenue.  
Two-story reinforced concrete resi-  
dence and garage (4 bedrooms,  
work rooms, storerooms, kitchen,  
parlors, offices, etc. tile roof,  
linoleum floors, furred and plaster  
exterior walls, etc.)  
Owner—The Franciscan Fathers'  
Residence.  
Architect—John J. Donovan, 950 Par-  
ker St., Berkeley.  
Contractor—Miller Const. Co., 3917  
Mission St., San Francisco.

**Plans Completed**  
RESIDENCE Cost, \$.....  
NILES, Alameda Co., Calif.  
One-story frame and stucco resi-  
dence (six rooms).  
Owner—J. A. McDonald, Box 443,  
Niles.  
Architect—Fred Reimers, 233 Post  
St., San Francisco.  
Owner will probably take bids.

**CONTRACT AWARDED**  
LAKE ARROWHEAD, San Berna-  
dino Co. Cal.—F. D. Malcolm, Gen-  
eral Delivery, Lake Arrowhead, was  
awarded contract to construct lodge  
building at Lake Arrowhead for Theo.  
Hamilton, airplane propeller manu-  
facturer. Paul R. Williams, 3839  
Wishire Blvd., Los Angeles, archi-  
tect. Plans will be drawn later for a  
\$100,000 residence to be built on the  
site.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$19,000  
ATHERTON, San Mateo Co., Calif.

Fair Oaks Lane.  
Two - story frame and stucco residence (7 rooms and 2 baths) and servants' and garden house (2 1/2 rooms, bath) wood shingle roof, forced hot air heating system, complete insulation, rubber floored baths, hardwood floors, wood sash, etc.

Owner—Mr. and Mrs. Manning W. Park, c/o contractor.  
Plans by Wm. H. Young, 500 Hyde St., San Francisco.  
Contractor—Jas. V. K. Dowsett, 461 Russ Bldg., San Francisco.

Plumbing—A. H. Dittman, 1109 California Drive, Burlingame.

Electric Wiring—Erickine Elec. W'ks., Middle field Road at Fifth Ave., Redwood City.

Sheet Metal—Burlingame Air Conditioning Co., 126 California Dr., Burlingame.

Tile Work—Art Tile Company.

Hardwood Floors—Inland Floor Co., 1213 Shaffer St., San Mateo.

Iron Grille Work—Seipel Ornamental Iron Works, 1079 Folsom St., San Francisco.

Brick and Stone Work—Nels Andersen, 666 Mission St., San Francisco.

Grading—E. D. Badger, Redwood City.

Lumber and Mill Work—Wisnom Lb. Co., 1000 Broadway, Burlingame.  
Painting—Raphael Co., 270 Tehama St., San Francisco.

Lathing and Plastering—William G. Gilmour, 666 Mission Street, San Francisco.

Linoleum—D. A. Panceast, 26 O'Farrell St., San Francisco.

Plans Being Figured — Bids Close June 4, 4 P. M.  
RESIDENCE Cost, \$.....  
PIEDMONT ESTATES, Alameda Co., Calif.

Two-story residence (9 rooms).  
Owner—Dr. Coate.  
Architect—Miller & Warneke, Financial Center Bldg., Oakland.

Bids will be received from the following selected list of contractors:  
Eugene S. Campanoseli, 6401 Broadway Terrace, Oakland.  
Jensen & Pedersen, 3413 Aqueline St., Oakland.

Olaf Petersen, 3626 Rhoda Avenue, Oakland.

Nick Sigge, 3912 Linwood Avenue, Oakland.

D. W. Nicholson, 550 Blossom Way, San Leandro.

Albert A. Haskell, 255 Ridgway Ave., Oakland.

W. V. Bernard, 227 San Carlos Avenue, El Cerrito.

Plans Completed—Specifications Being Prepared  
RESIDENCE Cost, \$13,000  
SAN FRANCISCO, Monterey Hgts.

Two-story modern frame and stucco residence (8 rooms, 2 dressing rooms, 3 baths, 2 decks, 1 balcony, laundry, large entry hall) steel sash (No. 541).

Owner and Builder—Home Bldg. Service Co., 101 Post Street.

Architect—Mark Daniels, 101 Post St.

Sub-Contracts Awarded  
RESIDENCE Cost, \$8,000  
BURLINGAME HILLS, San Mateo Co., Calif., East half Lot 5, Blk 3, Hillside Drive.

One-story frame and stucco residence  
Owner—L. K. Bishop, 1145 Cambridge Road, Burlingame.

Architect—Leo J. Sharps, 1147 Burlingame Ave. Burlingame.  
Contractor—Lengfeld & Oland, Inc., 220 Third Ave., San Mateo.

Plumbing—Harry Lee, 220 California Drive, Burlingame.

Heating and Sheet Metal—G. & M. Sheet Metal Works, 501 Ninth Ave., San Mateo.

Tile Work—Broomhall Art Tile Co.,

1539 St. Francis Way, San Carlos.  
Mill Work—Pacific Mfg. Co., Santa Clara.

Sub-Contracts Awarded  
DUPLIX RESIDENCES \$10,000 ea.  
SAN MATEO, San Mateo Co., Calif.  
Lots 16 and 17 Block B, Aragon Court.

Two 2-story frame and stucco duplex residences.

Owner—Robert Norton.  
Architect—Mario Corbett, 72 Third Ave., San Mateo.

Contractor—Lengfeld & Oland, Inc., 220 Third Ave., San Mateo.

Plumbing—Harry Lee, 220 California Drive, Burlingame.

Heating and Sheet Metal—G. & M. Sheet Metal Works, 504 Ninth Ave., San Mateo.

Tile Work—Broomhall Art Tile Co., 1529 St. Francis Way, San Carlos.  
Mill Work—Lannon Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.

Plans Being Prepared  
RESIDENCE Cost, \$10,000  
SAN FRANCISCO, Monterey Hgts.  
Two-story Dutch Colonial residence (6 rooms, 2 baths, 2 dressing alcoves, bar, etc.) (No. 545).

Owner and Builder—Home Building Service Co., 101 Post St.

Architect—Mark Daniels, 101 Post St.

Contract Awarded  
RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Cal. 5623 Amy Drive.

Two - story frame and stucco residence (7 rooms).

Owner—P. M. Wiley, 1305 Oak St., Oakland.

Architect—Not Given.

Contractor—C. E. Rednours, 2144 Spaulding Ave., Berkeley.

Contract Awarded  
RESIDENCE Cont. Price, \$13,728.26  
SAN FRANCISCO, Washington St.  
Two-story residence.  
Architect—Farr & Ward, 68 Post St.  
Contractor—Grant-Martinielli Const. Co., 44 Mary Street.

May 26, 1937

Sub-Contracts Awarded  
RESIDENCE Cost, \$18,000  
STOCKTON, San Joaquin Co., Calif.  
Two - story frame and stucco residence (10 rooms, 2 baths) shingle roof, hardwood floors, tile baths, oil burning hot air heating system, wood sash, etc.

Owner—Ralph Hickinbotham  
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Contractor—T. E. Williamson, P O Box 93, Stockton.

Plumbing—A. D. Ray, 735 E. Lafayette St.

Electric Wiring—Home Wiring Co., 522 E. Washington St.

Heating and Sheet Metal—American Sheet Metal Works, 3524 E. Main St.

Tile Work—H. P. Fischer Tile Co., 502 E. Weber St.

Hardwood Floors—McLean Hardwood Floor Co., 37 S. Sutter St.

Grading—R. E. McCarthy, 603 East Worth Street

Foundations and Concrete—Elliott & Rossi

Lumber—San Joaquin Lumber Co., Scotts Ave. and Madison St.

Mill Work Electric Planning Mill, 545 S. Monroe St.

Painting—Herman Walters, 1232 N. Ophir St.

All of Stockton.

VIDEOS WANTED

VICTORVILLE and Silver Lake, San Bernardino Co., Cal.—Until June 2, P. M., bids will be received by the Los Angeles Water & Power Bureau for cottages, equipment, garages and guest house to be built at Victorville and Silver Lake, Spec.

2308. Plans obtainable from the purchasing agent upon deposit of \$10, returnable. Bids will be taken as follows: (1) 6 cottages and 1 equip. garage at Victorville switching station; (2) five cottages, 1 guest house and 1 equip. garage at Silver Lake switching station; (3) comb. award alternate, Items 1 and 2.

Low Bidder  
RESIDENCE Est. Cost, \$5,900  
OAKLAND, Alameda Co., Cal. Claremont Heights

Two - story frame and stucco residence (5 rooms), hardwood floors, linoleum baths, gas fired central heating system, wood sash, etc.

Owner—Withheld.  
Architect—Charles W. McCall, 1404 Franklin St., Oakland.

Low Bidder—Olaf Petersen, 3626 Rhoda Ave.

Further announcement shortly.

Plans Being Figured — To Close June 1, 5 P. M.  
RESIDENCE Cost, \$.....  
ORINDA, Alameda Co., Calif.

One - story frame and stucco residence (5 rooms), hardwood floors, linoleum bath, tile roof, oil burning furnace, wood sash, etc.

Owner—M. Olivera.  
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.

Plans are being figured by the following selected list of contractors:

H. P. Atkinson, 127 Alvarado Rd., Berkeley.

L. Neilson, 2305-A Acton Street, Berkeley.

J. E. Armstrong, 1131 Fleet Road, Oakland.

Earl R. Malott.

Contract Awarded  
DUPLIX RESIDENCE Cost, \$6,186  
KENTFIELD, Marin Co., Calif.  
Two-story frame and stucco duplex residence containing two apartments.

Owner—E. H. deRees, Kentfield.

Architect—Not Given.

Contractor—Wm. F. Wegner, 225 Monte Vista, Larkspur.

Contract Awarded  
RESIDENCE Cont. Pr., \$6,960  
SAN MATEO, Calif. Aragon Tract  
1 1/2 - story frame and stucco residence (7 rooms), part terra cotta tile and part tar and gravel roof, terra cotta tile coping on fire wall, hardwood floors, stall shower, two large patios, hot air heating system, Philippine mahogany in living room and dining room, two-car garage.

Owner—Name Withheld.

Architect—Oscar R. Thayer, 244 Kearny St., San Francisco.

Contractor—Thomas N. Ross, 1201 Vancouver Ave., Burlingame

15— SCHOOLS

Plans Being Prepared  
SCHOOL Cost, \$130,000  
BAKERSFIELD, Kern Co., Calif.  
Baker and Niles Streets (Washington School).

Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish

Owner—Bakersfield School District  
Architect—Symmes & Willard, Stanton Willard, architect, 215 Herberfeldt Bldg., Bakersfield.

A three-year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.

**Plans Being Figured — Bids Close**  
 June 11, 3 P. M.  
**SCHOOL** Cost, \$35,500  
**AUBURN**, Placer Co., Calif.  
 One - story frame grammar school building (5 classrooms and kindergarten), electric heating system.  
 Owner — Auburn Union Grammar School  
 Architect — W E Coffman, Forum Bldg., Sacramento.

**BOND ELECTION**  
**SAN JUAN BAUTISTA**, Orange Co., Calif.—San Juan Bautista School District will vote on June 8 on a proposal to issue bonds in the amount of \$15,000, proceeds to finance reconstruction and improvement of the San Juan Bautista School.

**LOW BIDDER**  
**LONG BEACH**, Calif.—Charles W. Pettifer, 703 W 14th St., Long Beach submitted the low bid on general work to the Long Beach Board of Education at \$96,390 for the construction of the industrial arts bldg. at the Polytechnic high school site. Hugh R. Davies, architect, 450 East Ocean Ave., Long Beach.

**Bonds Voted**  
**SCHOOL** Cost, \$.....  
**NILES**, Alameda Co., Calif.  
 New grammar school.  
 Owner—Niles Grammar School Dist. Architect—Not Selected.  
 The Niles School District voted bonds in the amount of \$100,000 proceeds to finance construction of the new grammar school.

**Bond Election**  
**WASCO**, Kern Co., Calif. Cost, \$75,000  
 Concrete addition to Grammar Sch. building.  
 Owner — Wasco Union Elementary School District.  
 Architect—Perrine & Mackie; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.  
 An election will be held June 11 to vote on a proposal to issue \$75,000 in bonds to finance construction.

**PLANS BEING FIGURED**  
**SOUTH PASADENA**, Los Angeles Co., Calif.—Until June 2, 9 a.m., Architect George Adams, 5514 Wilshire Blvd., Los Angeles, is taking bids for construction of a parochial school and auditorium to seat 300 at Fremont Ave and Rollin St., South Pasadena, for the Holy Family Parish.

**Plans Being Prepared**  
**SCHOOL** Cost, \$12,000  
**SALLINAS**, Monterey Co., Calif.  
 One-story frame and stucco school building (2 classrooms and meeting room), composition and tile roof, maple floor in meeting room, pine floors in classrooms, etc.  
 Owner—Chinese Association of Sallinas  
 Architect—Chas E Butner, 7 Winham St., Sallinas.

**BIDS WANTED**  
**LOS ANGELES**, Cal.—Until June 7, 7:30 P. M. bids will be received by the Lowell Joint School District of Los Angeles and Orange counties for demolition of Unit 1 and construction of a new auditorium bldg. to seat 450. Plans obtainable from Architect R. M. Bates, Jr., 2670 Wilshire Blvd., Los Angeles, upon deposit of \$10, returnable Cashier's or certified check or bond for 5% required.

**Bids Opened**  
**SCHOOL** Cost, \$50,000  
**SACRAMENTO**, Sacramento Co., Cal.  
 San Miguel Way and D St.

One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administrative offices), concrete floors in corridors, inoleum floors in classrooms, asphalt roof, etc. (Theodore Judah School).  
 Owner—Sacramento City School District.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Low Bidder—Wm. C. Keating, 1121 24th St., Sacramento—\$41,640.

Bids were taken as follows:  
 (1) Work complete;  
 (ALT. 1) Deduct if heating plant is omitted;  
 (ALT. 2) Deduct if plumbing, electrical fixtures, and finish hardware are omitted;  
 (ALT. 3) Deduct for omission of certain portions of painting;  
 (ALT. 4) Deduct if interior finish of six classrooms is omitted.  
 (a) Concrete, per cu. ft.;  
 (b) Forms;  
 (c) Steel;  
 (d) Excavation.

Complete bids follow:  
 Wm. C. Keating, Sacramento .....(1) \$41,640.00  
 .....(ALT. 1) 3,800.00  
 .....(ALT. 2) 2,100.00  
 .....(ALT. 3) 1,500.00  
 .....(ALT. 4) 8,400.00  
 .....(a) 40  
 .....(b) 15  
 .....(c) .06  
 .....(d) 1.50  
 M. R. Peterson, Sacramento .....(1) 42,829.00  
 .....(ALT. 1) 3,988.00  
 .....(ALT. 2) 2,125.00  
 .....(ALT. 3) 1,100.00  
 .....(ALT. 4) 7,790.00  
 .....(a) .50  
 .....(b) .20  
 .....(c) .055  
 .....(d) 1.00

Lawrence Constr. Co., Sacramento .....(1) 43,399.00  
 .....(ALT. 1) 3,850.00  
 .....(ALT. 2) 2,100.00  
 .....(ALT. 3) 1,200.00  
 .....(ALT. 4) 7,200.00  
 .....(a) .35  
 .....(b) .16  
 .....(c) .05  
 .....(d) 1.50

L. L. Watson, Sacramento .....(1) 43,990.00  
 .....(ALT. 1) 3,799.00  
 .....(ALT. 2) 2,024.00  
 .....(ALT. 3) 365.00  
 .....(ALT. 4) 2,450.00  
 .....(a) 8.50  
 .....(b) ---  
 .....(c) .0375  
 .....(d) .75

Chas. F. Unger, Sacramento .....(1) 44,700.00  
 .....(ALT. 1) 3,850.00  
 .....(ALT. 2) 2,054.00  
 .....(ALT. 3) 1,180.00  
 .....(ALT. 4) 7,750.00  
 .....(a) 40  
 .....(b) 25  
 .....(c) .065  
 .....(d) .95

Deduct \$50 if slate blackboards are used  
 H. W. Robertson, Sacramento .....(1) 44,259.00  
 .....(ALT. 1) 3,799.00  
 .....(ALT. 2) 2,074.00  
 .....(ALT. 3) 1,165.00  
 .....(ALT. 4) 8,210.00  
 .....(a) .40  
 .....(b) .15  
 .....(c) .06  
 .....(d) 1.50

Deduct \$150 if slate blackboards are used  
 Holdener Constr. Co., Sacramento .....(1) 45,790.00  
 .....(ALT. 1) 4,126.00  
 .....(ALT. 2) 2,219.00  
 .....(ALT. 3) 1,432.00  
 .....(ALT. 4) 7,126.00

.....(a) .90  
 .....(b) .16  
 .....(c) .05  
 .....(d) 1.50  
 Campbell Constr. Co., Sacramento .....(1) 45,864.00  
 .....(ALT. 1) 4,100.00  
 .....(ALT. 2) 2,600.00  
 .....(ALT. 3) 1,200.00  
 .....(ALT. 4) 8,800.00  
 .....(a) .30  
 .....(b) 12  
 .....(c) .06  
 .....(d) 2.90  
 Deduct \$125 if slate blackboards are used.  
 (30% 1st report Aug. 20; 4th, May 14. \* 15

**Contract Awarded**  
**RECONSTRUCT SCHOOL** Contract Price, \$6,775  
**MOUNTAIN VIEW**, Santa Clara Co., Calif. Castro Street.  
 Reconstruct Mountain View Union High School.  
 Owner—Mountain View Union High School District.  
 Structural Engineer — Harold E. Hammill, 381 Bush St., San Francisco.  
 Contractor — A. Nelson, Inc., 242 Ocean Ave., San Francisco.  
 Only other bid submitted by Carl N. Swenson Company, San Jose, at \$8,100.

**Planned**  
**ALTERATIONS** Cost, \$.....  
**NAPA**, Napa Co., Calif. First Street.  
 Remodel three stores into one large store and construct 45-ft. addition on rear.  
 Owner—Sam Gordon.  
 Lessee—J. C. Penney Company.  
 Architect—Not Given.  
 Work is expected to be completed by September 1.

**BIDS WANTED**  
**ALAMEDA**, Calif.—Until June 1, 3:00 p.m., bids will be received by the Alameda Unified School District, for wrecking and removal of Mastick School, located at Santa Clara Avenue and Bay Street, Alameda.  
 Specifications may be obtained at the office of the Board of Education, Wm. G. Paden, at the Administration Building, corner of Oak St. and Alameda Ave., Alameda.

**Bonds Voted**  
**HIGH SCHOOL** Cost, \$37,000  
**POINT ARENA**, Mendocino Co., Cal.  
 One-story frame and stucco high school with composition roof to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and an auditorium to seat 300.  
 Owner—Point Arena High School District.  
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
 Point Arena School District voted bonds May 18 in the amount of \$31,350, proceeds to assist in financing construction of high school.

**Plans Being Figured — Bids Close**  
 June 14, 8 P. M.  
**LOCKER ROOM** Cost, \$25,000  
**CORCORAN**, Kings Co., Calif.  
 One - story reinforced concrete boys' locker room addition at High School gymnasium (27x102 ft.).  
 Owner—Corcoran Union High School District.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
**Architect Commissioned to Prepare Plans**  
**SCHOOL** Cost, \$157,000  
**BAKERSFIELD**, Kern Co., Calif.  
 Baker and Niles Streets.  
 Two-story Class A reinforced concrete classroom bldg. at Washington School (24 classrooms).

Owner—Bakersfield Board of Education.  
 Architect—Symmes & Willard; Stanton Willard, architect, 215 Habersfelde Bldg., Bakersfield.  
 A three-year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.

**Sub-Contracts Awarded**  
**SHOP BUILDING** Cont. Pr., \$58,879  
 OAKLAND, Alameda Co., Cal. 12th and Myrtle Streets.  
 New two - story reinforced concrete Lowell-McClymonds shop building to be constructed at Lowell Junior High School.

Owner—Oakland School District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—S. G. Johnson, 4652 Dolores St., Oakland.  
**Excavation**—Arisa - Knapp Co., 961 41st St., Oakland, and Universal Crane Service.

**Concrete**—Chas. S. Hughes Co., 1001 Ashby St., Oakland.  
**Reinforcing Steel**—W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.

**Lumber**—Hogan Lumber Co., 21st & Ace Sts., Oakland.  
**Mill Work**—Lannon Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.

**Roofing and Sheet Metal**—Central Sheet Metal Co., 3246 E. 12th St., Oakland.  
**Plastering**—P. H. Donnelly Co., 354 Hobart St., Oakland.

**Painting**—Lindahl and Hurtig, 1536 Edith St., Berkeley.  
**Glass**—W. P. Fuller & Company.  
**Finish Hardware**—Maxwell Hidwe Co., 1320 Washington St., Oakland.

**Plumbing & Heating**—The Scott Co., 113 10th St., Oakland.  
**Electric Wiring**—Spencer Electric Co., 2059 Webster St., Oakland.

**Steel Sash**—Gleason Steel Prod. Co., 1310 63rd St., Oakland.  
**Steel Sash and Metal Doors**—Gleason Steel Products Co., 1310 63rd St., Oakland.

**Toilet Partitions and Metal Lockers**—Trask & Squier Co., 39 Natoma St., San Francisco.

**Contract Awarded**  
**ADDITION** Cont. Pr., \$34,800  
 KING CITY, Monterey Co., Calif.  
 Elementary school addn. (2 rooms), frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc., and remodeling and stabilizing present auditorium (seating capacity, 700).

Owner—King City Grammar School District (Dewey Benadon, Clk.).  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.  
 Contractor—P. C. Stolte, San Simeon.

Complete bids follow:  
 F. C. Stolte, San Simeon..... \$34,800  
 R. Pedersen, Fresno..... 57,534  
 P. T. Wallstrum, Watsonville 38,840

**Contract Awarded**  
**REMODEL SCHOOL** Cont. Pr., \$7,900  
 PETALUMA, Sonoma Co., Calif. St. Vincent's School.  
 Remodel old grade school building into high school; remove third story and roof, replace with new roof, plaster and paint exterior of the building, minor interior alterations.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
 Architect—Arnold Constable, 580 Market St., San Francisco.  
 Contractor—A. Mariam Seeburg, 637 E Street, Petaluma.

**BIDS WANTED**  
**MONROVIA**, Los Angeles Co., Cal.  
 —Until June 8 P. M., bids will be received by the Monrovia-Arcadia-Duarte High School District for rehabilitating the Ivy Ave. school in Monrovia, to be used at a junior high school. Bids are also being taken for demolition of an existing 3-story, frame school building. Plans may be obtained at the office of Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, upon deposit of \$10.

**16—BANKS, STORES AND OFFICES**

**Sub-Contracts Awarded**  
**LAUNDRY** Cost, \$9,000  
 SAN JOSE, Santa Clara Co., Calif.  
 One-story reinforced concrete laundry building (150x27-feet) concrete floors, composition roof.  
 Owner—Mr. E. Dalmon.  
 Architect—Bender & Curtis, 35 West San Carlos St., San Jose.  
 Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

**Plumbing**—Henry Rose, 1362 Davis St., San Jose.  
**Electric Wiring**—Guilbert Bros. Elec. Co., 286 W Santa Clara St., San Jose.  
**Lumber**—Glenwood Lumber Co., 96 N 28th St., San Jose.

**Contract Awarded**  
**STORE BLDG.** Cost, \$18,000  
 SAN JOSE, Santa Clara Co., Calif.  
 E San Fernando St.  
 Store building.  
 Owner—E. B. Gross, Monterey.  
 Architect—Not Given.  
 Contractor—Nielsen & Erhentraut, 82 Hollywood Ave.

**Sub-Contracts Awarded**  
**DEPOT** Cost, \$500,000  
 SAN FRANCISCO, Fourth St. and Pioneer Place.  
 Two - story and basement steel and concrete railway and bus terminal (29,000 sq. ft.); first floor: ticket concourse, waiting room, rest rooms for men and women, loading and unloading platforms and bus driveway areas; second floor: offices & baggage rooms; basement: company garage, mechanical facilities, heating plant.

Owner—Santa Fe Railway Co., 114 Sansome Street.  
 Plans by Engineering Department of Owner (H L Gilman, Architect; M C Blanchard, Chief Engineer), Kerckhoff Bldg., 121 E. 8th St., Los Angeles.  
 Contractor—P J Walker Co., Sharon Building

**Plumbing** Herman Lawson Co., 465 Tehama St.  
**Heating & Ventilating**—Scott Co., Inc., 243 Minna St.  
**Sprinklers**—Fire Protection Products Co., 101 16th St.  
**Mill Work**—Pacific Mfg. Co., Santa Clara.

As previously reported: Reinforcing Steel, Bethlehem Steel Co., 20th and Illinois Sts.; Concrete, John Casareto, 315 Berry St.; Electric Work, Alta Electric Co., 467 O'Farrell St.

**Plans Being Figured by Selected Contractor**  
**ALTERATIONS** Cost, \$  
 SAN FRANCISCO, 604 Mission St.  
 General alterations to 5th and 7th floors of office building.  
 Owner—Boltin Real Estate Co., 604 Mission Street.  
 Architect—Angus McSweeney, 604 Mission Street.  
 Plans are being figured by A. F. Matlock Co., 212 Clara St.

**Preparing Working Drawings**  
**REMODELING** Cost, \$150,000  
 LOS ANGELES, Los Angeles Co., Calif. 633 S. Broadway.  
 Remodeling interior and exterior of 4-story reinforced concrete bldg. (demolition, new floors, store fixtures, plate glass, plumbing, electric wiring, marble, tile, inoleum, etc.).  
 Owner—LeRoy Diamond Co.  
 Architect—S. Chas. Lee, 381 Bush St., San Francisco, and 1643 Wilshire Blvd., Los Angeles (Ernk & Koerber, 402 Architects Bldg., Los Angeles, and B. R. Paradise, associated with Mr. Lee).

**Plans Completed**  
**STORE BLDG.** Cost, \$8,000  
 GUERNEVILLE, Sonoma Co., Calif.  
 One - story frame and stucco store building.  
 Owner—L. V. Korbel, Redwood Highway, south of City Limits, Petaluma.  
 Architect—Brainerd Jones, 226 Washington St., Petaluma.  
 Owner will probably take figures from a selected list of local contractors.

**BID CALL WITHDRAWN**  
**SACRAMENTO**, Cal. — The State Purchasing Agent, 319 State Capitol, Sacramento, has announced cancellation of a call for bids to have been opened June 2, under Quo. 56503, for furnishing 1,000 tons, more or less, of sand black sand.  
 A new call for bids will be issued shortly.

**Plans Being Figured — Bids Close June 12, 2 P. M.**  
**STORE BLDG.** Est. Cost, \$50,000  
 OAKLAND, Alameda Co., Cal. 1940 Broadway.  
 One - story Class B store building (100x125 ft.), masonry walls, Summerbell single span roof.  
 Owner—Warner Bros. Pictures, Inc., 6425 Hollywood Blvd., Los Angeles.  
 Architect—B. Marcus Priteca and S. E. Sonnichsen, 411 W. Seventh St., Los Angeles.

Plans are being figured by the following selected list of contractors:  
 Cahill Bros., Inc., 206 Sansome St., San Francisco.  
 Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.  
 Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.  
 George Windsor, 923 Kingston Ave., Piedmont.  
 W. K. Van Bokkelen, 439 23rd St., Oakland.  
 Bids will be opened at the office of the Broadway Auto Lot, 1940 Broadway.

**Sub-Contracts Awarded**  
**OFFICE BLDG.** Cost, \$  
 SANTA CRUZ, Santa Cruz Co., Cal.  
 Soped and Ocean View Avenues.  
 One - story and basement medical office building (106x106 ft.).  
 Owner—Dr. N. R. Sullivan, Medical Dental Bldg., Santa Cruz.  
 Architect—Not Given.  
 Contractor—Hamilton & Church, 383 Ocean St., Santa Cruz.

**Roofing**—California Roofing Co., 539 Pacific Avenue.  
**Plumbing, Heating and Sheet Metal**—Izant & Wilson, 30 Water St.  
**Electric Wiring**—Mechan Elec. Service, 122 Pacific Avenue.  
**The Work**—Coast Tile Company.  
**Grading, Foundations and Concrete**—Evans & Costella.  
**Lathing and Plastering** E. Heldhoff, All of Santa Cruz.

**Unit Tile Contract Awarded**  
**ALTERATIONS** Cost, \$  
 SACRAMENTO, Sacramento County, Calif.  
 Reconstruct front of two-story brick building (new terra cotta unit, tile front and new tin roof, etc.).  
 Owner—Rothschild Bros., 41 Sutter

St., San Francisco.  
 Architect—F. F. Amandes, 414 Dewey  
 Bldg., San Francisco.  
 Unit Tile—Gladling McBean & Co.,  
 660 Market St., San Francisco.  
 Bids on the general contract are  
 being received by the owners from a  
 selected list of contractors.

**Contract Awarded** Cost, \$ .....  
**STORE**  
**CARMEL**, Monterey Co., Calif.  
 One-story brick veneer store building,  
 12 stores, 2,000 sq. ft., Johns-  
 Manville roofing, oak floors.  
 Owner—Mrs. Dummage.  
 Architect—Guy O. Koepf, P.O. Box  
 614, Carmel.  
 Contractor—A. C. Stoney, San An-  
 tonio St., Carmel.

**Bids Opened**  
**OFFICE BUILDING**  
**LAKEPORT**, Lake Co., Calif.  
 One-story frame office building.  
 Owner—Dr. Hill, care Architect.  
 Architect—John Easterly, Heads-  
 burg and Santa Rosa.  
 Low Bidder—C. E. and P. M. Beach,  
 P.O. Box 457, Lakeport—\$6,335.  
 Complete bids follow:

**General Construction**  
 C. E. & P. M. Beach, .. . \$6,395.00  
 Lakeport .. . 7,530.00  
 H. L. George, Lakeport .. . 8,102.00  
 E. E. Marshall, Lakeport .. .  
 Heating and Ventilating .. . 728.95  
 Chas. E. Noifreg, Lakeport .. .  
 Bids taken under advisement.

**Sub-Contracts Awarded**  
**BANK** Contract Price, \$93,500  
**SACRAMENTO**, Sacramento County,  
 Calif. Tenth Street between J  
 and K Streets.  
 One - story reinforced concrete bank  
 building (89 x 80 feet), polished  
 granite base on exterior, bronze  
 window and door trimmings; ter-  
 razzo floors.  
 Owner—American Trust Co., 461 Cal-  
 ifornia St., San Francisco.  
 Architect—Harry J. Devine, Cronan  
 Bldg., Sacramento.  
 Contractor—Laxton Construction  
 Co., 5372 Ninth Ave., Sacramento  
 Millwork—Capital City Planing Mill,  
 1812 9th St., Sacramento.  
 Plumbing—Willy & Rhoads, 3853 J  
 St., Sacramento.  
 Heating and Ventilating—M. R. Car-  
 penter, 907 Front St., Sacramento  
 Lumber—Diamond Match Co., 2826 Q  
 St., Sacramento.  
 Metal Toilet Protectors—Parker-  
 Carpenter, Inc., 606 Mission St.,  
 San Francisco.  
 Finish Hardware Shorrock—Smith  
 Hyde Co., 814 J St., Sacramento  
 Roofing—Bush Roofing Co., 1912 K  
 St., Sacramento.  
 Roofing—Bush Roofing Co., 1912 K  
 St., Sacramento.  
 Plastering—W. B. Scollan, 2919 T  
 St., Sacramento.  
 Electrical Goods—Fies, 1720 8th St.,  
 Sacramento.  
 Bronze and Iron Work—Aling Iron  
 Works, 2115 7th St., Sacramento.  
 Dumbwaiter—Vulcan Whitney Co.,  
 130 10th St., San Francisco.  
 Sheet Metal—M. R. Carpenter, 907  
 Front St., Sacramento.  
 Granite—California Cut Stone Co.,  
 Railroad and Macdonald Avenues,  
 South San Francisco.  
 Limestone and Rubber—D. A. Pan-  
 coast Co., 26 O'Farrell St., San  
 Francisco.  
 Tile—H. P. Fischer Tile Co., 1219 J  
 St., Sacramento.  
 Terrazzo—Valley Terrazzo Co., 4115  
 Berkshire, Sacramento.  
 Marble—Itax Corp., 1555 Powell St.,  
 Emeryville.  
**Structural Steel** Palm Iron Works,  
 15th and S Sts., Sacramento.  
**Steel Sash**—Trucon Steel Co., 601  
 Mission St., San Francisco and  
 Thos. P. Scollan, 2320 X Street,  
 Sacramento.

**Acoustical Celotex Ceiling**—Western  
 Asbestos Co., 675 Townsend St.,  
 San Francisco.  
**Glass and Glazing**—W. P. Fuller and  
 Co., 1013 12th St., Sacramento.  
**Concrete**—A. Teichert & Son, Inc.,  
 1816 27th St., Sacramento.  
**Tile and Brick Work**—J. J. Redmond  
 220 H St., Sacramento.  
**Reinforcing Steel**—Palm Iron W'ks.,  
 15th and S Sts., Sacramento.

**Electrical Sub-Contract Awarded**  
**DEFOY** Cost, \$500,000  
**SAN FRANCISCO**, Fourth St. and  
 Pioneer Place.  
 Two - story and basement steel and  
 concrete railway and bus ter-  
 minal.  
 Owner—Santa Fe Railway Co., 114  
 Sansome Street.  
 Plans by Engineering Dept. of Owner  
 (H. L. Gilman, architect), M. C.  
 Blanchard, Chief Engineer, Kerck-  
 hoff Bldg., 121 E 8th St., Los  
 Angeles.  
 Contractor—P. J. Walker Co., Sharon  
 Building.  
**Electric Work**—Alta Electric Co., 467  
 O'Farrell Street.

## 17—THEATRES

**Preparing Plans** Cost, \$ .....  
**THEATRE**  
**LARKSPUR**, Marin Co., Calif. Mag-  
 nolia Ave.  
 New theatre building with dome ceil-  
 ing to seat 700.  
 Owner—Blumenfeld Theatres, Inc.  
 Architect—Norman R. Coulter, 46  
 Kearny St., San Francisco.

**Contract Awarded** Cost, \$50,000  
**THEATRE**  
**INGLEWOOD**, Los Angeles Co., Cal.  
 212 South Market St.  
 Reinforced concrete theater and store  
 building (108x185-ft.) seating ca-  
 pacity, 700, two stores.  
 Owner—Harry Beaver & Carl Matt-  
 son.  
 Lessee—Nathan Boasberg.  
 Architect—S. Chas. Lee, 381 Bush St.,  
 San Francisco, and 1643 Wishure  
 Blvd., Los Angeles.  
 Contractor—Al Matson, 219 S. Com-  
 mercial St., Inglewood.

**Bids In—Held Unopened** Cost, \$15,000  
**ALTERATIONS**  
**PITTSBURG**, Contra Costa Co., Cal.  
 Remodeling theatre (redecorating  
 plastering, carpentry work, heat-  
 ing, seating, new carpets, new elec-  
 trical fixtures, etc.)  
 Owner—California Theatres.  
 Architect—F. F. Amandes, 414 Dewey  
 Bldg., San Francisco.  
 Bids were received from a selected  
 list of contractors.

## 19—MISC. CONSTRUCTION

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—Consolidated  
 Steel Corp. awarded contract by the  
 Metropolitan Water District at \$33-  
 800 for 20,000 ft. 30-in. slip joint  
 water pipe job bidder's plant. Spec  
 216 Complete bids published May 26, 1937  
 May 26, 1937  
**Sub-Contracts Awarded** Cost, \$ .....  
**ADDITION**  
**SAN FRANCISCO** Intersection at  
 Third and Fourth Streets.  
 Addition to inbound freight  
 house.  
 Owner—Santa Fe Railway Co., 560 S  
 Main St., Los Angeles.  
 Plans by Engineering Department of  
 Owner.  
 Contractor—Mason Bros., 475 Sixth  
 St., San Francisco.  
 Roofing—Mabot and Peterson, 2412  
 Hillman Street.

**Plans Being Figured—Bids Close**  
 June 1

**SWIMMING POOL** Cost, \$35,000  
**BAKERSFIELD**, Kern County, Calif.  
 Central Park.  
 Open-air swimming pool (120x50 ft.)  
 stone tile bathhouse (concrete  
 floors and tile roof) showers, &  
 sanitary facilities; chlorinating  
 and filtering equipment; 15-foot  
 walkways, etc., at Jefferson Park;  
 and modernization of pool 40x90  
 ft. in Central Park.  
 Owner—City of Bakersfield.  
 Plans prepared by City Engineer Joe  
 Hofferder.  
 Plans and specifications obtainable  
 from the office of the City En-  
 gineer.

**Plans Being Figured—Bids Close**

June 1, 5 P. M.  
**SWIMMING POOL** Cost, \$35,000  
**BAKERSFIELD**, Kern Co., Calif.  
 Open-air swimming pool (120x50 ft.)  
 stone tile bathhouse (concrete  
 floors and tile roof) showers and  
 sanitary facilities; chlorinating  
 and filtering equipment; 15-ft-  
 walkways, etc. in Jefferson Park,  
 and modernization of pool 40x90  
 feet in Central Park.  
 Owner—City of Bakersfield (V. Van  
 Ripper, City Clerk)  
 Plans prepared by City Engineer Joe  
 Hofferder.

Plans and specifications obtainable  
 from the office of the City En-  
 gineer.  
 Bids close at 5 P. M. and will be  
 opened at 8 P. M., June 1.

**Plans Being Figured—Bids Close**

June 1, 5 P. M.  
**SWIMMING POOL** Cost, \$ .....  
**BAKERSFIELD**, Kern Co., Calif.  
 Alterations and modernization of  
 swimming pool (40x90-ft.) in Central Park.  
 Owner—City of Bakersfield (V. Van  
 Ripper, City Clerk)  
 Plans prepared by City Engineer Joe  
 Hofferder.  
 Plans and specifications obtainable  
 from the office of the City En-  
 gineer.  
 Bids close at 5 P. M. and will be  
 opened at 8 P. M., June 1.

**Contract Awarded** Cost, \$30,000  
**MORTUARY**  
**STOCKTON**, San Joaquin Co., Calif.  
 One - story frame and stucco mortu-  
 ary building, with apartment  
 over garage, will contain two  
 chapels, room to seat about 300;  
 three shower rooms; preparation  
 room; two family rooms, large  
 display room in basement; rest  
 rooms, offices, etc.; reinforced  
 concrete retaining walls, plaster in-  
 terior finish, tile roof, wood floors  
 carpeted, the floors in prepara-  
 tion and rest rooms, completely  
 equipped forced hot air heating  
 system and controlled air condi-  
 tioning system, etc.  
 Owner—Withheld  
 Architect—E. W. Johnson, 142 North  
 California St., Stockton.  
 Contractor—Lewis & Green, P.O. Box  
 121, Stockton.

**Plans Being Figured** Cost, \$ .....  
**ALTERATIONS**  
**SAN FRANCISCO** Presidio G 111  
 Club.  
 Alterations and additions to club  
 house (new cocktail lounge and  
 dining room, etc.)  
 Owner—Presidio Golf Club.  
 Architect—Conrad T. Kelt, 519 Cal-  
 ifornia Street.  
 Plans are being figured by a se-  
 lected list of contractors.

**Sub-Contracts Awarded** Cost, \$ .....  
**NAPATORIUM**  
**SAN LUIS OBISPO**, San Luis Obispo  
 County, Calif.  
 One - story reinforced concrete napa-  
 torium (swimming pool and lock-  
 er rooms), tile and composition  
 roofing, at California Polytechnic



School.  
Owner—State of California.  
Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.

Contractors:  
General—Peter P. Shelby, 1151 South Broadway, Los Angeles—\$61,946.  
Mechanical—Scott Co., 243 Minna St., San Francisco—\$20,837.  
Electrical—California Electric Co., 30 E. Victoria St., Santa Barbara—\$3,634.

Following sub-contracts have been awarded:

Milwork—Pacific Mfg. Co., Santa Clara.  
Structural Steel—Jackson Iron Wks., Inc., Box 390, Huntington Park.  
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.  
Roofing—Kyle Roofing Service, 3609 Osos St., San Luis Obispo.  
Sheet Metal—Main Corncor Works, 1416 N Main St., Los Angeles.  
Painting—Acme Paint Company.  
Marble and Tile—Bruner Marble and Tile Co., 1012 Architects Bldg., Los Angeles.  
Plastering—A. D. Hoppe, 1029 North Sycamore St., Hollywood.

#### CONTRACT AWARDED

MARIN CO., Calif.—William A. Degen, 2055 Santa Clara, Alameda, at \$2,355, submitted low bid and awarded contract by Captain H. J. Vandersluis, H. D. Artillery Engineer, Fort Winfield Scott, for the installation of a submarine cable between Fort Barry and the proposed mainline in the Military Reservation, Tennessee Post, Marin County.

Complete bids follow:  
Wm. A. Degen, Alameda ..... \$2,835  
A. Sola & Son, Oakland ..... 3,038  
Underground Constr. Co., Berkeley ..... 3,383

#### Plans for Superstructure Being Figured—To Close June 2

SUB STATION Cost, \$ ...  
OAKLAND, Alameda Co., Calif. NE

Corner First and Grove Streets.  
Two - story and concrete waterproof basement structural steel and reinforced concrete sub-station "C" (175x36x20) with annex at one end (70x35x15).

Owner—Pacific Gas & Electric Co. Plans by Engineering Department of

MacDonald & Kahn Co. Ltd., 200 Financial Center Bldg., San Francisco, are figuring plans and desire sub-bids on all portions of the work for the construction of the superstructure.

As previously reported Golden Gate Iron Works, 1541 Howard St., San Francisco, awarded contract for the structural steel, and Barrett & Hulp, 918 Harrison Street, San Francisco, awarded contract for concrete foundations.

#### BIDS OPENED

SAN DIEGO, Calif.—West Coast Gas Engine Co., San Diego, at \$1,498, submitted low bid to the 11th Naval District, for refrigerating facilities at the Naval Operating Base, San Diego, under Spec. No. 8382.  
Commercial Refrigeration Distributors, San Diego, at \$1,525, submitted only other bid.

#### Contract Awarded

FAIR BUILDINGS Contract Price, \$8,521.50

SANTA ROSA, Sonoma Co., Calif. Cow sheds and racing stables, completion of the grandstand and bleachers to seat 1,000.

Owner—Sonoma County Fair Architect—William H. Herbert, Rosenberg Bldg., Santa Rosa.  
Contractor—R. S. Knight, Santa Rosa.

Bids were received for (1) bleachers; (2) racing stable; (3) cow barn;

(4) stucco existing grandstand, and (5) painting of buildings.

Mr. Knight awarded contract on items 2, 3 and 4. On Items 1 and 5, all bids were rejected and plans will be revised.

Complete bids follow:  
R. S. Knight, Santa Rosa—(1) \$2,764; (2) \$5,348.50; (3) \$1,485; (4) \$1,190; (5) \$1,000.  
Allan E. Smith, Santa Rosa—(1) \$2,989; (2) \$7,369; (3) \$1,461; (4) \$1,075.

C. W. Hansen, Santa Rosa—(1) \$3,064; (2) \$6,438; (3) \$2,031; (4) \$1,344.50; (5) \$1,766.  
D. Dowdy, Sebastopol—(1) \$3,659; (2) \$7,480; (3) \$2,127; (4) \$1,423; (5) \$1.65.

#### Planned

SWIMMING POOL Cost, \$ ...  
VALLEJO, Solano Co., Cal. Wilson Park (site under consideration).  
Public swimming pool.  
Owner—City of Vallejo.  
Architect—Not Selected.

## 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

OAKLAND—Bethlehem Steel Co., Webster & Tynan Sts., Alameda, at \$3,280.77, discount 1% 10 days, awarded contract by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 811, for furnishing 692 7/8-in. square steel rods, 37 ft. 1 1/2 in. long.

#### BIDS OPENED

OAKLAND, Alameda Co., Calif.—Identical bids at \$2,060, discount 1% 10 days, were received by the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 874, for furnishing 20 tons of copper sulphate.  
The bidders were: Federated Metals Corp., Braun-Knecht-Heimann Co., and the Mountain Copper Co., Ltd.

#### CONTRACT AWARDED

ALL-AMERICAN CANAL—Truscon Steel Co., 5480 E. Slauson Ave., Los Angeles, at \$5,515.26 on Sched. 1, \$10,574.27 on Sched. 2, and \$6,954.74 on Sched. 3, awarded contract by the Bureau of Reclamation, Denver, under Bid No. A-42230-A, for furnishing reinforcing steel for the All-American Canal.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Anaconda Wire & Cable Co. was awarded contract by Metropolitan Water District, May 21 at \$47,322.91 for 43,915 feet 750,000 CM, and 1164 ft. No. 2, 11,000-volt 3-conductor, paper insulated, lead-covered cable, Spec. 212.

#### CONTRACT AWARDED

SAN FRANCISCO—Mutual Engr. Co., South San Francisco, at \$37,330, delivered in 14 days, terms net, submitted low bid and awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-7-2-9, for furnishing corner columns, complete with bearing plates, trap door assembly, steel ladder, standard shutters, end shutters, frame complete with anchors, pipe pedestal and hand hole covers, for Fort Funston.  
Complete bids follow:

Mutual Engr. Co., South San Francisco: \$38,320; delivery, 14 days; net.  
Western Pipe & Steel Co., San Francisco: \$619.55; 14 days, net.  
California Steel Products Co., San Francisco: \$649.80; 14 days; net.  
Judson-Pacific Co., San Francisco: \$725; 14 days; net.  
Fair Mfg. Co., San Francisco: \$729 14 days; 2%; 10 days; 1% 20 days.  
Pacific Coast Engr. Co., Oakland: \$827; 14 days; 1/2% 10 days.

Star Ornamental Iron Works, San Francisco: \$897; 20 days; 1/2% 10 days.

#### BIDS OPENED

CASPER-ALCOVA PROJ., Wyo.—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 920-D, for furnishing precast reinforced concrete pipe for use in the construction of structures on the Casper-Alcova Project, Wyo.: (1) delivery job cars at shipping pt.; (2) delivery in storage yard at manufacturing plant.

Utah Concrete Products Corp., Salt Lake City: (1) \$24,023; job Salt Lake City; (2) \$25,522.50, job Casper; delivery in 150 days; discount 1% 20 days.

Lock Joint Pipe Co., Denver: (1) \$23,573, job Denver; (2) \$25,700, job Casper; delivery 120 days; discount 5% 30 days.

Elk River Concrete Products Co. of Montana, Helena: (1) no bid; (2) \$23,937.30, job Casper; delivery 120 days; 2% 10 days.

Collins Concrete & Steel Pipe Co., Portland: (1) no bid; (2) \$27,790.50, job vicinity of Casper to Alcova, Wyo.; delivery 150 days; 1/2% 30 days.

#### CONTRACT AWARDED

BOCA, Calif.—Cowell Portland Cement Co., at \$2,605 per bbl., total \$23,345, awarded contract by the Bureau of Reclamation, Denver, under Bid No. 26,019-A, for furnishing 3,000 bbls. of standard portland cement, in cloth sacks, f.o.b. Boca, for use on the Little Truckee Storage Project.

#### BIDS OPENED

SAN FRANCISCO—Following bids received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., under Schedule No. 465, Lot No. 678, for furnishing 2,000 barrels of cement for Mare Island and 5,000 barrels for San Francisco:

Santa Cruz Portland Cement Co., \$19,000.

Pacific Portland Cement Co., Monolith Portland Cement Co., Henry Cowell Lime & Cement Co., and California Portland Cement Co., identical bids at \$19,350.

Calaveras Cement Co., \$20,180.  
Yosemite Portland Cement Corp., \$20,180.

#### CONTRACT AWARDED

SAN FRANCISCO—Ocean Shore Iron Works, 550 8th St., at \$1,179.06, net, 90 days delivery, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1791, for furnishing and installing one hot water heater and tank at the San Francisco Hospital.

#### CONTRACTS AWARDED

BERKELEY, Alameda Co., Cal.—Contracts for furnishing materials for the fiscal year have been awarded by the Berkeley City Council, as follows:

Sand and Gravel—Transit Concrete, Ltd., Contra Costa Bldg., Martinez Co., and Chas. S. Hughes Company.

Rock and Screenings—Hutchinson Company.

Asphaltic Concrete Surf. Mix, Type B—W. H. Larson.

Asphaltic Concrete Surf. Mix, Type C—Ransom Company.

#### CONTRACT AWARDED

ALL-AMERICAN CANAL—Saint Louis Structural Co., East St. Louis, Ill., at \$18,311 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 910-D, for furnishing metal work for the truss-er structure at the headworks of All-American Canal at the Imperial Dam Boulder Canyon Project.

**BIDS OPENED**

**BOISE PROJECT, Idaho**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 923-D, for furnishing structural steel for railroad bridge at Station 797 plus 88.46 of the Black Canyon Canal, Payette Division, Boise Project: Virginia Bridge Co., Roanoke—\$4,642, f.o.b. Memphis; net; weight, 110,000 lbs.

Bethlehem Steel Co., Chicago—\$4,900, f.o.b. Chicago; net; 111,000 lbs.  
Milwaukee Bridge Co., Milwaukee—\$5,690, f.o.b. Milwaukee; net; 112,400 lbs.

Wisconsin Bridge & Iron Co., Milwaukee—\$5,294, f.o.b. Milwaukee; net; 110,600 lbs.

Midland Structural Steel Co., Cle-

ero, Ill.—\$5,580, f.o.b. Cicero; ½% 10 days; 110,000 lbs.

Duffin Iron Co., Chicago—\$5,656, f.o.b. Chicago; net; 114,000 lbs.

Warden-Allen Co., Milwaukee—\$6,180, f.o.b. Bramwell, Idaho—½% 10 days; 106,000 lbs.

Des Moines Steel Co., Des Moines—\$7,138.19, f.o.b. Bramwell; \$6,327, f.o.b. Des Moines; ½% 10 days; 112,672 lbs.

Hunter Steel Co., Pittsburgh—\$6,540, f.o.b. Neville Island; net; 112,000 lbs.

Ingalls Iron Works Co., Birmingham—\$6,590, f.o.b. Bramwell; net; 107,250 lbs.

Clinton Bridge Works, Clinton, Ia.—\$6,700, f.o.b. Clinton; ½% 20 days; 129,000 lbs.

Berkeley Steel Constr. Co., Inc., Berkeley—\$7,400, f.o.b. Berkeley; ½% 10 days; 100,000 lbs.

Bethlehem Fabricators, Inc., Bethlehem—\$8,512, f.o.b. Bethlehem; net; 119,460 lbs.

**BIDS OPENED**

**SAN FRANCISCO** — Wickwire-Spencer Steel Co., 101 Townsend St., at \$114, submitted low bid to the Department of Public Works, City Hall, for furnishing and installing 72-ft. x 7-ft. chain link wire fence with gate at LeRoy St. high pressure tank.

Complete bids follow:

Wickwire Spencer Steel Co.	\$114.00
Standard Fence Co.	131.96
Anchor Post Fence Co.	153.00

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Stocks at San Francisco, Los Angeles, Seattle, Portland.

### BETHLEHEM STEEL COMPANY on the Pacific Coast

STEEL PLANTS at San Francisco, Los Angeles, Seattle.

WAREHOUSES at San Francisco, Los Angeles, Seattle, Portland.

FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                                     |                              |
|-----------------------------------------------------|------------------------------|
| 21—Bridges                                          | 30—Reservoirs and Dams       |
| 22—Dredging, Harbor Works, Excav., Irrigation Proj. | 31—Pipe Lines and Wells      |
| 23—St. Light, Systems                               | 32—Sewers & Sewage Equipment |
| 24—Machinery and Equipment                          | 33—Water Works               |
| 25—Railroads                                        | 34—Parks & Play grounds      |
| 27—Fire Alarm Sys.                                  | 35—Tunnels                   |
| 28—Fire Equipment                                   |                              |
| 29—Streets & Highways                               |                              |

## 21— BRIDGES

## BIDS WANTED

**YUBA CO., Calif.**—Until June 8, 2 p.m. Bids will be received by the Yuba County Board of Supervisors, W. M. Strief, County Clerk, Hall of Records, Marysville, for a 20-ft.-wide detour, ¼ mile long at Rio Oso Bridge, and an extension to and raising of the north end of the Rio Oso Bridge over Bear River, in Road District No. 1.

Plans and specifications obtainable from the above office upon payment of \$5, not returnable.

## BIDS WANTED

**SAN RAFAEL, Marin Co., Calif.**—Until June 7, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, City Hall, for the construction of a reinforced concrete slab over an open ditch on Second Street, near Shaver St.

Plans and specifications obtainable from the above office.

George A. Steele, City Engineer

## BIDS WANTED

**SONOMA CO., Calif.**—Until June 2, 10 a.m., bids will be received by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, Court House, Santa Rosa, for the construction of three timber bridges and approach fills over the Laguna on Molino Road.

The work involves:

- 70,055 bd. ft. Redwood lumber;
- 3,450 lf. Redwood piles;
- 1,440 lbs. bolts, plates, drift pins and washers;
- 9,000 c.y. approach fills.

Plans and specifications obtainable from the office of the County Engineer, E. A. Peugh.

## BIDS WANTED

**TULARE COUNTY Calif.**—Until June 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a steel stringer bridge with concrete deck, across Kaweah River, 3 miles south of Woodlake, consisting of three 39-ft. spans, one 26-ft. span, and two 31-ft. 6-in. spans, on concrete pile bents.

The work involves:

- 1 lot existing portions of bridge to be removed and disposed of;
- 0.15 acre clear and grub;
- 25 c.y. struc. excavation;
- 30,000 lbs. bar reinf. steel;
- 216 c.y. Class A Portland cement concrete;
- 125,000 lbs. struc. steel;
- 123 lf. Redwood piles (furnishing);
- 5 each Redwood piles (driving);

- 9) 1,234 lf. reinf. concrete piles, including test piles (furnishing);
- 58 each reinf. conc. piles, including test piles (driving);
- 483 lf. timber railing;
- 2 each clearance markers;
- 8 each bridge deck drains;
- 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

**SAN DIEGO**—Until June 10, 11 a.m., bids will be received by Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for extension of quay wall and dredging at Naval Operating Base (Destroyer Base), San Diego. Spec. #438. Work includes extension of existing quay wall and dredging. The quay wall extension will be 450 ft. long, more or less, and includes reinforced concrete precast sheet piles; reinforced concrete caps; untreated timber bearing piles and timber platform; crossotied timber bearing piles and timber platform; crossotied timber fender system; C. I. bollard, C. I. cleats, and misc. steel and iron work. Dredging will consist of excavation and disposal of 200,000 c.y., more or less. Bidding data obtainable from above address upon deposit of \$10. E. L. Marshall, Commander, (CEC), USN.

## BID CALL WITHDRAWN

**ALAMEDA, Alameda Co., Calif.**—The Public Works Office, 12th Naval District, Room 353, Federal Office Bldg., San Francisco, has announced the withdrawal of a call for bids to have been opened June 2, 11 a.m., under Spec. No. 8409, for deep and shallow wash borings at the Naval Air Station, Alameda. Estimated cost, \$5,000.

## BIDS WANTED

**NEWPORT BEACH, Orange Co., Calif.**—Until June 7, 7:30 P. M., bids will be received by the Newport Beach city council to construct 460 lf. of steel sheet pile bulkhead, including anchor pile and backfill, and 460 lf. of concrete coping. Steel amounts to about 132 tons. Other quantities are: 54 c.y. concrete, 4500 lbs. reinf. steel, 710 lf. anchor piles (12-in. butt), 150 lbs. 1½-in. anchor rods, 200 lbs. metal washers for anchor rods, 9000 c.y. backfill. Plans and specifications may be obtained

at the office of R. L. Patterson, city engineer, upon deposit of \$10. Certified check or bond, 10%. Frank L. Rinehart, city clerk. The work is being done under the 1911 Improvement Act and the 1915 Improvement Bond Act. The cost is estimated at approximately \$21,000. The work is located along the city's property on Balboa Peninsula.

## BIDS OPENED

**OAKLAND, Cal.**—American Dredging Co., 255 California St., San Francisco, at \$4,240 submitted the only bid received by the Oakland Port Commission, A. H. Abel, Secretary, for dredging approximately 7,000 c.y. of material in Wharves adjacent to Howard Terminal Piers Nos. 1 and 2, and the Harbor street Pier, Oakland Inner Harbor.

## 23— CANALS

## FUNDS ALLOTTED

**LOS ANGELES CO., Calif.**—The Public Works Administration has allotted a grant of \$187,000 to the Los Angeles County Flood Control District to aid in financing construction of a storm water spillway in San Gabriel Canyon, north of Azusa, estimated to cost \$394,000.

The project consists of the construction (exclusive of rough grading and excavation) of an open overflow type concrete-lined spillway, measuring approximately 475 ft. in horizontal length, approximately 475 ft. across from end to end of crest line, and 100 ft. across at discharge end.

## CONTRACT AWARDED

**ALL - AMERICAN CANAL.**—Tri-angle Rock & Gravel Co. and Chas. Holmes, P. O. Box 250, San Bernardino, at \$10,000 awarded contract by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., R. B. Williams, Construction Engineer, under Spec. No. 907-D, for the preparation of concrete aggregates near Sta. 69 of the All-American Canal, Boulder Canyon Project.

## 25—MACHINERY AND EQUIPMENT

## LOW BIDDER

**LOS ANGELES, Cal.**—Jos. Korb, 5734 York Blvd., submitted low bid to Los Angeles Board of Education at \$1269 for light fixtures and signal equipment at the Pinewood Avenue school.

## BIDS OPENED

**SAN FRANCISCO.**—Following bids received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-281, for furnishing eight hydraulic jacks, 20-ton capacity on the foot, f.o.b. Fort Funston:

Marshall Newell Supply Co.—\$156.75 each; total \$1,254; delivery, 70 days; discount, 2% 30 days.

Baker, Hamilton & Pacific Co.—\$161 each; total, \$1,288; delivery, 72 days; discount, 1% 30 days.

Dunham, Carrigan & Hayden —\$67.58 each; total, \$540.64. (Offer on Blackhawk H-14, does not conform with specifications).

## BIDS OPENED

**SONOMA & NAPA COS., Calif.**—Following bids received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento • California

Francisco, for the rental of one pneumatic tired oil distributor with insulated tank, 1,000-gallon capacity, equipped with pressure pump, spray bars, gauges, etc., for approximately 240 hours, for use in Sonoma and Napa Counties:

Portola Truck Service, S. F. . . \$3.47  
 Basalt Truck Co., Napa . . . 4.00  
 Lee J. Immel, Berkeley . . . 4.72  
 A. E. Garcia, Jr., Irvington . . . 5.00  
 Chas. Kuppinger, Lakeport . . . 6.06  
 J. P. Brown, Sacramento . . . 6.75

**BIDS OPENED**

**SUN RIVER PROJECT, Montana.**  
 Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 925-D, for furnishing one 1-2-cy. clutch operated, crawler traction mounted, full revolving, Diesel engine powered, dragline excavator, and one 1½-cy. dragline bucket for the Sun River Project:

Koehring Co., Milwaukee—(1) \$20,901; (2) \$15; (1 & 2) \$21,377; f.o.b. Milwaukee; net.

Koehring Co., Milwaukee—(3) \$755; f.o.b. Chicago; net.

Koehring Co., Milwaukee—(1) \$18,601; (2) \$15; (1 & 2) \$18,946; f.o.b. Milwaukee; net.

Koehring Co., Milwaukee—(3) \$755; f.o.b. Chicago; net.

Harns-Wheeler Corp., Milwaukee—(1) \$19,550; (2) \$20; (3) \$710; (1, 2 & 3) \$20,250; f.o.b. Milwaukee; 2% discount.

Hendrie & Bolthoff Mfg. & Supp. Co., Denver (3) \$1250; f.o.b. Newark N. J.; 1% discount.

Link Belt Co., Chicago—(1) \$22,800; (2) \$753; (3) \$23,651; f.o.b. Chicago; 4% discount.

**BIDS OPENED**

**LAKE & MENDOCINO COS., Cal.**  
 Following bids received by the State Division of Highways, J. W. Vickers, District Engineer, 546 West Wabash Ave., Eureka, for the rental of one 1 3/4 or 2-cy. power shovel, for approximately 500 hours, to be used in Lake and Mendocino Counties:

Play Long, 20 Menkel Ave., San Jose—\$3.95 per hour.

John Frost, Ukiah—\$4.00 per hr. C. E. Huls Trucking Co., Merced—\$125 per hour.

F. L. Crane, Healdsburg—\$4.30 per hour.

Portola Truck Service, San Francisco—\$4.95 per hour.

**BIDS OPENED**

**BERKELEY Alameda Co., Calif.**  
 Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2621, for the rental of one flat bed truck, 1½-cy. capacity, with seating capacity for 10 men, for use on Wildcat Canyon Road, 2½ mi. east of Spruce St. and Grizzly Peak Blvd., Berkeley:

E. A. Trimble, San Francisco—\$4.35 per hour; 5% discount.

R. A. Farish, San Francisco—\$4.75; net.

Eaton & Smith, San Francisco—\$1.70; net.

**CONTRACT AWARDED**

**SAN FRANCISCO, Calif.**—Eaton & Smith, 715 O'Connell Ave., at \$30,559.60, awarded contract by the Public Building Commission, City Hall, for the new structure of Market St. tracks between Geary and Sutter Streets.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Byron Jackson Company, 1000 S. Olive St., Los Angeles Water & Power Department, Purchasing Agent at \$2750, for two No. 410 Ducommun St., and (b) \$2226 each for Lone Pine, for two horizontal centrifugal pumps. Spec. No.

2260. Delivery: (a) 60 days, (b) 63 days. Model 8x10x21, 4-stage Multiple; net.

The other bids were:  
 United Iron Works: (a) \$2975, 56 days; (b) \$3050, 56 days; model 8-x-h. M.S.D., 4-stage; net. Add \$140 per pump if cast steel impellers are wanted.

Pacific Pump Works: (a) \$3562, 90 days; (b) \$3590, 93 days; model 8 M.S.D., 4-stage; 1½ 30 days.  
 Allis-Chalmers Mfg. Co.: (a) \$4,050; (b) \$4096; ship 75 days; model MI double suction, 4-stage; net.

**BIDS OPENED**

**INGLEWOOD, Los Angeles Co., Calif.**—Bids for pumping unit to be installed in 18-inch well, opened by Inglewood city council were: Peerless Pump Co., Layne & Bowler, Byron Jackson, Victor Equipment Co., Pacific Pump Co., identical bids at \$2555.30; Johnston Pump Co., \$2611.30; Wintroath Pumps, \$2663.30; Ponoma Pump Co., \$2632.

**BIDS OPENED**

**BERKELEY.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2620, for the rental of one 45-hp. diesel crawler type tractor, with bulldozer, scarifier, and scrapers, for use on WPA projects, f.o.b. Wildcat Canyon Road, 2½ mi. east of Spruce St. and Grizzly Peak Blvd., Berkeley:

A. L. Green, Oakland—\$4.40 per hour.

A. A. Trimble, San Francisco—\$4.50.

R. A. Farish, San Francisco—\$4.75; 2% 20 days.

Geo. F. Wormersley—\$5.00.

Cornier Bros., San Francisco—\$5.00.

Eaton & Smith, San Francisco—\$5.15.

C. L. Jordan, San Francisco—\$5.45.

All bids net unless otherwise noted.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2621, for the rental of one tandem roller, not less than 8 to 10 tons, powered with 4 cylinder engine, for use on WPA projects, f.o.b. Geneva Ave. and Moscow St., San Francisco:

Edward R. Bacon Co., San Francisco—\$4.25 per hour; net.

Lee J. Immel, Berkeley—\$4.45 per hour; net.

**BIDS OPENED**

**CENTRAL VALLEY PROJ., Cal.**  
 Following bids received by the Bureau of Reclamation, Denver, under Bid No. 922-D, for furnishing a trucking filter for installation in a sewage disposal plant at the Government camp at Friant Dam, Central Valley Project.

The Deer Co., Inc., Los Angeles: 91377, 1400 lbs., f.o.b. Denver, and 16,900 lbs., f.o.b. Los Angeles; delivery in 45 days; net.

R. D. Simpson Co., Columbus, O.: \$385.50 weight, 350 lbs., f.o.b. Friant; delivery 40 days; 2% discount.

**BIDS OPENED**

**BERKELEY.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2621, for the rental of one diesel or gasoline crawler type tractor, not less than 60 hp., with bulldozer and water for use on WPA projects, f.o.b. Wildcat Canyon Road, 2½ mi. east of Spruce St. and Grizzly Peak Blvd., Berkeley:

E. Conant, San Francisco—\$4.73 per hour.

Clas L. Harnev, San Francisco—\$4.75.

A. L. Green, Oakland—\$4.84.  
 C. L. Jordan, San Francisco—\$4.90.  
 Guerin Bros., San Francisco—\$5.00.  
 J. Catucci, Oakland—\$5.00.  
 Arns-Knapf Co., Oakland—\$5.35.  
 Peter J. McHugh, San Francisco—\$5.39.  
 Eaton & Smith, San Francisco—\$5.70.  
 H. F. Harlan, San Francisco—\$5.75; 9% 20 days, 5% 30 days.  
 R. A. Farish, San Francisco—\$6.75; 2% 20 days.  
 A. H. James, Oakland—\$7.35.  
 All bids net unless otherwise noted.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 2601, for the rental of one 5-ton capacity, extra low bed truck, for use on WPA projects, f.o.b. Havelock and Edna Sts., San Francisco:

Frisman Bros., Berkeley, San Francisco—\$2.14 per hour; 1% 30 days.

G. W. Thomas Drayage & Rigging Co., San Francisco—\$2.95; net.

W. R. Ballinger & Son, San Francisco—\$3.25; net.

King & Co., San Francisco—\$3.50; net.

Work Readvertised—Bids Close June 16, 2 P. M.

**TERMINAL SAN FRANCISCO.** First and Mission Streets

San Francisco-Oakland Bay Bridge Railway Terminal (3-story reinforced concrete building; granite facing on headhouse; steel roof framing over track level on top floor; reinforced concrete floors; composition roofing over concrete; 165 ft. wide by 700 ft. long).

Bids will be taken for construction of the building under two alternate plans. Plan One includes extensive garages in the west end of the building, and Plan Two is for construction of the building omitting the garages. In the list of bid items below, all items with the suffix "X" refer to the quantity of work involved if the garages are omitted under Plan Two.

Bids will be received under the following proposals:  
 PROPOSAL A—Contract R-2A, general construction only; bidding items 1 to 65.

PROPOSAL B—Contr. R-2B, Structural steel work only; bidding items 66 to 68.

PROPOSAL C—Contract R-2C, mechanical work only; bidding items 69 to 76.

PROPOSAL D—Contract R-2D, electrical work only; bidding items 77 to 84.

PROPOSAL E—Contracts R-2A and R-2B, general construction and structural steel work; bidding items 1 to 63.

PROPOSAL F—Contracts R-2A, R-2B, R-2C, and R-2D, general construction, structural steel work, mechanical work, and electrical work; bidding items 1 to 84.

Owner—State of California, Department of Public Works (San Francisco-Oakland Bay Bridge Commission, C. H. Purcell, Engineer, Room 811, 500 Sansome St. San Francisco).

The work involves:  
 CONTRACT R-2A: GENERAL CONSTRUCTION

- (1) Demolition and removal of buildings, lump sum;
- (2) 5,500 cu. y. removal of conc.;
- (3) 25,000 cu. y. excav.;
- (4) 21,000 cu. y. excav.;

- (4) 20,000 c.y. fill;
- (5) 45,000 c.y. fill;
- (15) 100 extra piles to be pulled;
- (16) 1,000 cutting off existing piles;
- (17) 160,000 lf. timber piles;
- (7x) 130,000 lf. timber piles;
- (18) 13,500 lf. conc. piles;
- (6) 25,000 lf. conc. piles;
- (9) 10,000 c.y. conc. foundations;
- (8x) 9,000 c.y. conc. foundations;
- (10) 4,100 c.y. conc. basement slabs;
- (10x) 3,100 c.y. conc. basement slabs;
- (11) 110 c.y. conc. curbs;
- (11x) 120 c.y. conc. curbs;
- (12) 22,000 c.y. conc. above foundations;
- (12x) 20,000 c.y. conc. above foundations;
- (13) 2,000 bbls. of extra portland cement;
- (13x) 1,800 bbls. of extra portland cement;
- (14) Feralun stair treads, lump sum;
- (14x) Feralun stair treads, lump sum;
- (15) 5,000,000 lbs. reinf. steel;
- (15x) 4,200,000 lbs. reinf. steel;
- (16) Firebrick, lump sum;
- (17) Hollow tile, lump sum;
- (17x) Hollow tile, lump sum;
- (18) Granite, lump sum;
- (19) Roofing, lump sum;
- (19x) Roofing, lump sum;
- (20) Waterproofing, lump sum;
- (20x) Waterproofing, lump sum;
- (21) Waterproofing membrane and protection, lump sum;
- (21x) Waterproofing membrane and protection, lump sum;
- (22) Vapor insulation, lump sum;
- (23) Sheet Metal, lump sum;
- (23x) Sheet Metal, lump sum;
- (24) Steel flooring, lump sum;
- (24x) Steel flooring, lump sum;
- (25) Misc. iron, lump sum;
- (25x) Misc. iron, lump sum;
- (26) Ornamental metal, lump sum;
- (27) Aluminum, lump sum;
- (28) Steel windows, lump sum;
- (28x) Steel windows, lump sum;
- (29) Steel hollow metal, lump sum;
- (30) Rough carpentry, lump sum;
- (30x) Rough carpentry, lump sum;
- (31) Finish carpentry, lump sum;
- (31x) Finish carpentry, lump sum;
- (32) Metal lathing and furring, lump sum;
- (32x) Metal lathing and furring, lump sum;
- (33) Interior plastering, lump sum;
- (33x) Interior plastering, lump sum;
- (34) Acoustical treatment, lump sum;
- (35) Terrazzo, lump sum;
- (36) Balmain floor, lump sum;
- (37) Marble, lump sum;
- (38) Glazed and ceramic tile, lump sum;
- (39) Terra cotta unit tile, lump sum;
- (40) Asphalt tile and linoleum, lump sum;
- (41) Glass and glazing, lump sum;
- (41x) Glass and glazing, lump sum;
- (42) 2,000 tons painting steel street crossings;
- (43) 500 tons painting terminal roof steel;
- (43x) 520 tons painting terminal roof steel;
- (44) 280 tons painting catenary bridges;
- (45) 11,500 sq. yds. waterproofing exterior conc. surfaces;
- (45x) 11,000 sq. yds. waterproofing exterior conc. surfaces;
- (46) General painting, lump sum;
- (46x) General painting, lump sum;
- (47) Finish hardware, lump sum;
- (47x) Finish hardware, lump sum;
- (48) 2 each. flagpoles;
- (49) 1,000 lbs. bronze expansion plates;
- (50) Fire extinguishers, lump sum;
- (50x) Fire extinguishers, lump sum;
- (51x) General cleaning, lump sum;
- (51) General cleaning, lump sum;
- (52) 600 lf. redressing granite curb;
- (53) 1,600 lf. resetting granite curb;
- (54) 400 lf. granite curb, straight;
- (55) 340 lf. granite curb, curved;
- (56) 2 each. brick catch basins;
- (57) 1,650 tons asphaltic concr.;

- (57x) 2,250 tons asphaltic concr.;
- (58) 5 tons liq. asphalt, Type SC-2;
- (58x) 10 tons liq. asphalt, Type SC-2;
- (59) 5 tons liq. asphalt, Type MC-3;
- (59x) 10 tons liq. asphalt, Type MC-3;
- (60) 50 tons stone screenings;
- (60x) 100 tons stone screenings;
- (61) 2,000 lbs. street castings;
- (62) 12 each. resetting street castings;
- (63) 400 lf. 10-in. vit. pipe;
- (64) Fencing, lump sum;
- (64x) Fencing, lump sum;
- (65) Elevators, lump sum;
- (65x) Elevators, lump sum;
- CONTRACT R-2B: STRUCTURAL STEEL WORK
- (66) 4,000,000 lbs. struc. steel street crossings;
- (67) 1,120,000 lbs. steel roof framing in terminal;
- (67x) 1,050,000 lbs. steel roof framing in terminal;
- (68) 560,000 lbs. catenary bridges. CONTRACT R-2C: MECHANICAL
- (69) Plumbing fixtures and SVC piping, lump sum;
- (69x) Plumbing fixtures and SVC piping, lump sum;
- (70) Roof and track drainage system, lump sum;
- (71) Hose rack and water piping system, lump sum;
- (71x) Hose rack and water piping system, lump sum;
- (72) Gas piping system, lump sum;
- (73) Boilers, oil tank, pumps and boiler room piping, lump sum;
- (74) Radiation and steam piping, lump sum;
- (75) Station ventilation, lump sum;
- (76) Garage ventilation, lump sum;
- (76x) Garage ventilation, lump sum;
- (77) General lighting, lump sum;
- (77x) General lighting, lump sum;
- (78) Lighting fixtures and standards, lump sum;
- (79) Fire alarm system, lump sum;
- (79x) Fire alarm system, lump sum;
- (80) Clocks, lump sum;
- (81) Signs, lump sum;
- (82) Public address system, lump sum;
- (83) Power wiring, lump sum;
- (84) Emergency lighting, lump sum;

NOTE: The work is being officially re-advertised, bids to be opened on the same date as originally scheduled, the only change being in the quantity of item (8x) which is changed from 45,000 lf. to 25,000 lf. of concrete piles.

Plans and specifications obtainable from the office of the San Francisco-Oakland Bay Bridge Commission, Room 811, 500 Sansome Street, San Francisco, upon deposit of \$50, of which amount \$10 will be returnable.

**28— FIRE EQUIPMENT**

**BONDS VOTED**  
 DAILY CITY, San Mateo Co., Cal.—A bond issue of \$3,000 to finance an extension to the fire alarm system was approved at a special election May 25.

**29— STREETS AND HIGHWAYS**

**CONTRACT AWARDED**  
 SAN LUIS ORISPO CO., Calif.—Metropolitan Constr. Co., 205 West Fourth St., Room 1205, Los Angeles, at \$616,027.90 (State A), awarded contract by the State Division of Highways, H. Purcell, State Highway Engineer, Sacramento, for about 3.3 miles grading and surfacing with plant-mixed surfacing medium curing type, on crusher-run base, in San Luis Obispo County, between San Luis Obispo Creek and Cuesta Sidew.

**BIDS WANTED**

OAKLAND, Alameda Co., Calif.—Until June 1, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the resurfacing of 14th St., between Myrtle and Peralta Sts., involving 2,075 tons of asphaltic concrete mixture.

Plans and specifications obtainable from the office of City Engineer Walter Frickestad upon deposit of \$5.

**CONTRACTS AWARDED**  
 STATE OF WASHINGTON.—Bids for highway and bridge construction were opened by L. V. Murrow, Director of Highways, Olympia, and contracts awarded as follows:

Pierce & Thurston Counties: Paving with Portland cement concrete on about 2.4 miles of Primary State Highway No. 1, Olympia to Nesqueally East End. Paving, involving about 22,850 c.y. of excavation, 12,000 c.y. selected roadway borrow and shoulder material, 58,839 sq. yds. of cement concrete pavement, 14,743 lf. of cable guard rail Design No. 6, 475 lf. of pipe culverts and other items.

Awarded: Woodworth and Cornell, Inc., 1120 East D St., Tacoma, \$130,063.

Whitman County: Clearing, grading, draining, surfacing with crushed stone and producing and stockpiling mineral aggregates (oil rock) on about 3.3 miles of Primary State Highway No. 3, Garfield North, involving about 62,240 c.y. of excavation, 31,600 c.y. of crushed stone and mineral aggregates (oil rock), 1,282 lf. of pipe culverts and other items.

Awarded: F. H. DeAtley & Co., Lewiston, Idaho, \$53,366.

Lewis and Pacific Counties: Constructing light bituminous surface treatment, high bituminous surface treatment (road-mix type) Class "B" and bituminous retard surface on about 26.7 miles of Primary State Highways Nos. 5 and 12, Section 1, Lindberg to Elber; Section 2, Kosmos to Norton, Section 3, Beam Road to Phyllis, involving about 477 tons of bituminous cement and other items.

Awarded: Warren Northwest, Inc., P. O. Box 5072, Portland, \$59,285.

Gray's Harbor County: Grading, paving with Portland cement concrete and constructing a steel truss bridge with reinforced concrete approaches on about 0.5 miles of Primary State Highway No. 9, Satsop River Bridge and Approaches, involving about 31,120 c.y. of excavation, 2,610 c.y. of selected roadway borrow, 4,508 sq. yds. of cement concrete pavement, 2,029 c.y. of concrete, 2,020 lf. of cable guard rail, 2,020 lf. of cable guard rail, Design No. 6, 19,000 lbs. of silicon and 346,000 lbs. of carbon structural steel, 312,250 lbs. of steel reinforcing bars, 5,500 lbs. of cast steel, 4,050 lf. of precast concrete piping, 160 lf. of pipe culverts and other items.

Awarded: C. L. Creelman, Arctic Bldg., Seattle, \$172,244.

Giallomb Co.: Manufacturing and stockpiling mineral aggregates (oil rock) and constructing a bituminous macadam Class "D" penetration type surface on about 5.7 miles of Primary State Highway No. 9, Sequim to Blyn, involving about 7,150 c.y. of mineral aggregates (oil rock), 167 tons of bituminous cement and other items.

Awarded: Washington Asphalt Co., 309 W 39th, Seattle, \$38,402.

Gray's Harbor County: Manufacturing and stockpiling crushed stone, surfacing on about 42.3 miles of Primary State Highway Nos. 9 and 12, Section 1, Hookman to Cook Creek and Section 2, Goshpook to Gray's Harbor-Pacific County Line, involving

ing about 10,730 cu. y. of crushed stone for top course.

Awarded: Gray Harbor Const. Co., Aberdeen, \$21,063.

**Whitman County:** Constructing a trestle pile and timber overcrossing with concrete deck 160 feet long and treated pile and timber trestle with ballasted deck 53 feet long on Primary State Highway No. 9, Garfield North. Federal Aid Grade Crossing Proj. No. FAGH 213-C, and Unit 2 of Federal Aid Project No. 213-B, in Whitman County, involving about 149 cu. y. of concrete, 24,000 lbs. of steel reinforcing bars, 6.2 MMBM of creosote treated and 2.6 MMBM of zinc chloride treated timber and lumber, 1,720 lf. of treated lumber piling and other items.

Awarded: J. F. Koneon, Lewiston, Idaho, \$15,024.

#### BIDS WANTED

**STATE OF WASHINGTON—**Until June 8, 10 a. m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway and bridge construction as follows:

**Snohomish County:** Grading, surfacing, draining and constructing a steel and concrete undercrossing on about 0.2 mile of Primary State Highway No. 15, Index East—Sundercrossing (Great Northern) highway Undercrossing involving about 2 acres of clearing, 13,930 cubic yards of excavation, 10,200 cubic yards of selected roadway borrow, 590 cubic yards of crushed stone surfacing, 725 cubic yards of concrete, 11,130 pounds of steel reinforcing bars, 304,000 pounds of structural steel, 9000 pounds of cast steel, 1,495 linear feet of precast concrete piling, 9,000 linear feet of timber piling, untreated, 120 MFBM of timber and lumber, untreated, 598 linear feet of pipe culverts and other items.

**Snohomish County:** Constructing a concrete, steel and timber overcrossing on about 0.1 mile of city street, Norton Avenue, Overcrossing in City of Everett, in Snohomish County, involving about 660 cubic yards of excavation, 690 cubic yards of concrete, 117,000 pounds of steel reinforcing bars, 145,600 pounds of structural steel, 2000 pounds of cast steel, 104 MFBM of creosote treated and 2 MFBM of zinc chloride treated timber and lumber, 4,500 linear feet of treated timber piling, 2,000 linear feet of untreated timber piling, 54 linear feet of pipe culverts and other items.

**King County:** Manufacturing and stockpiling mineral aggregates (oil rock) for bituminous surface on about 50 miles of Primary State Highway No. 5, Sumner to East, in King County, involving about 7,640 cubic yards of mineral aggregates (oil rock).

**Grant and Douglas Counties:** Constructing a bituminous retread surface on about 7.1 miles of Primary State Highway No. 7 and 10, Section 1, Vantage to Ephrata and Section 2, Wenatchee to Quincy, in Grant and Douglas Counties, involving about 2,095 tons of bituminous cement and other items.

**Gray's Harbor County:** Constructing a light bituminous surface treatment on about 12.3 miles of Primary State Highway Nos. 9 and 13, Sections 1 and 2, Hopman to Cook Creek and Section 3, Cosmopolis to Gray's Harbor, Pacific County Line in Gray's Harbor County, involving about 1,010 tons of bituminous cement and other items.

**Okanogan County:** Manufacturing and stockpiling crushed stone for surface on about 10.5 miles of Primary State Highway No. 16, Methow to Winthron in Okanogan County, involving about 16,400 cubic yards of crushed stone surfacing.

Plans and specifications obtainable

from the above office upon deposit of \$200 per set.

#### BIDS OPENED

**SACRAMENTO, Sacramento Co.—**Bids for the improvement of H St., at 42nd and Mission Way, were opened by the Sacramento City Council, H. G. Denton, City Clerk, May 20.

The work involves:

- (1) 237 lf. concrete curbs and gutters, cut No. 5, to be removed;
- (2) 54 lf. concrete curbs alone, removed;
- (3) 1230 lf. concrete curbs and gutters, cut No. 6, removed;
- (4) 6 gutter drains removed and delivered to Corp. Yard;
- (5) 4965 sq. ft. concrete sidewalk, to be removed;
- (6) 8 trees under 10-in., removed;
- (7) 1 walnut trees, approx. 36-inch dia., removed;
- (8) 28,620 sq. ft. 5½-in. asph. conc. pavement, removed;
- (9) 1210 lf. concrete curbs and gutters, cut No. 6, constructed;
- (10) 20 lf. concrete curbs alone to be constructed;
- (11) 3950 sq. ft. conc. sidewalk do;
- (12) 5 gutter drains to place, cut No. 11;
- (13) 1 concrete manhole complete, to be constructed, cut No. 1-A;
- (14) 2 concrete manhole to be reconstructed to grade;
- (15) 182 lf. 6-in. V1 drain pipe to be placed;
- (16) 125 lf. 8-in. do;
- (17) 675 cu. y. grading unclass.;
- (18) 760 tons crusher run base;
- (19) 583 tons asph. conc. pave. do;
- (20) 710 gals. 90-85 liquid asphalt;
- (21) 36 tons screenings;
- (22) 1285 sq. ft. 5-in. sidewalk to be constructed.

The bidders were:

- (A) J. R. Reeves, P.O. Box 1072, Sacramento;  
 (B) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento.

Unit bids follow:

	(A)	(B)
(1)	\$ 59.25	\$ 59.25
(2)	8.10	8.10
(3)	615.00	492.00
(4)	30.00	24.00
(5)	198.60	198.60
(6)	80.00	60.00
(7)	100.00	100.00
(8)	258.60	2003.40
(9)	1754.50	1754.50
(10)	10.00	10.00
(11)	696.50	696.50
(12)	75.00	60.00
(13)	40.00	60.00
(14)	10.00	15.00
(15)	136.50	182.00
(16)	125.00	231.25
(17)	675.00	810.00
(18)	1540.00	1672.00
(19)	3069.50	3060.75
(20)	71.00	78.10
(21)	144.00	117.00
(22)	257.00	257.00

#### BIDS WANTED

**GLENN COUNTY, Calif.—**Until June 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphaltic concrete portions of about 7 miles in Glenn Co., between Willows and Artois.

The work involves:

- (1) 281 sta. clear and grub right of way;
- (2) 2,150 M gals. water;
- (3) 39,500 cu. rdwy. excav. unclass.
- (4) 3,000 cu. struc. excav.;
- (5) 1,000 cu. ditch and channel excavation;
- (6) 150,000 sta. yds. overhaul;
- (7) 43,000 cu. y. imported borrow (Class A);
- (8) 28,300 cu. y. do. (Class B);
- (9) 170 cu. y. remove concrete pavement and walks;

- (10) 20 cu. y. remove concrete struc.;
- (11) 320 sta. finishing rdwy.;
- (12) 29 tons liquid asphalt SC-2 (penetration oil treatment);
- (13) 70 tons sand (do);
- (14) 35 tons asphaltic emulsion (seal coat);
- (15) 1,200 tons asphaltic cement, Gr. D (asphalt concrete);
- (16) 14,350 tons mineral aggregate (asph. conc. leveling course);
- (17) 7,850 tons min. aggregate (asphalt concrete, Type A surf.);
- (18) 5,000 sq. yds. asph. paint binder
- (19) 163,000 lbs. bar reinforced steel (struc.);
- (20) 880 cu. y. Class A Portland cement concrete (struc.);
- (21) 23 cu. do. (slope pave.);
- (22) 154 lf. 12-in. CMP;
- (23) 674 lf. 18-in. CMP;
- (24) 264 lf. 14-in. CMP;
- (25) 18 each headwalls moved and reset;
- (26) 1 lf. existing CMP removed, cleaned and relaid;
- (27) 850 lf. existing CMP removed, cleaned and salvaged;
- (28) 3 each cast iron frames and covers;
- (29) 720 lf. timber guard rail;
- (30) 16 each curb markers;
- (31) 16 each culvert markers moved and reset;
- (32) 2 each drive gates;
- (33) 0.5 mile new property fence (Type A);
- (34) 0.3 mile do. (Type B);
- (35) 1.25 miles property fence moved and reset;
- (36) 120 miles property fence removed and disposed of;
- (37) 51 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

- (29) 720 lf. timber guard rail;
- (30) 16 each curb markers;
- (31) 16 each culvert markers moved and reset;
- (32) 2 each drive gates;
- (33) 0.5 mile new property fence (Type A);
- (34) 0.3 mile do. (Type B);
- (35) 1.25 miles property fence moved and reset;
- (36) 120 miles property fence removed and disposed of;
- (37) 51 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

#### BIDS WANTED

**SHASTA COUNTY, Calif.—**Until June 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, P. O. Box 1499, Sacramento, for furnishing mineral aggregate and screenings on about 34.5 miles in Shasta County, between Artois and the northerly boundary.

The work involves:

- (1) 8,100 tons mineral aggregate;
- (2) 2,250 tons coarse screenings;
- (3) 750 tons fine screenings.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

#### CONTRACT AWARDED

**OAKLAND, Calif.—**Lee J. Immel, 1031 Evelyn St., Berkeley, at \$4,972.56 awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, for the improvement of 28th St. between Etie and Cypress Streets.

#### BIDS WANTED

**SANTA CLARA CO., Calif.—**Until June 1, 11 a. m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Fremont Ave. from Permanent Creek Bridge to its intersection with Santa Maria Ave.

The work involves:

- (1) 156,000 sq. ft. asphaltic concrete surfacing;
- (2) 3,200 tons base material.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of \$1.00.

**BIDS WANTED**

**SANTA CLARA CO., Calif.**—Until June 1, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Saratoga Ave. from Prospect to a point near Fruitvale Ave.

The work involves:  
(1) 192,500 sq. ft. asphaltic concrete surfacing.

(2) 1,500 tons base material.  
Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler at a charge of \$1.00.

**BIDS WANTED**

**SANTA BARBARA and San Luis Obispo Cos., Cal.**—Until June 8, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying road-mix surface treatment and seal coat to 7.5 miles of existing roadbed in San Luis Obispo and Santa Barbara counties between Santa Maria and Gary, and between Route 56 and three miles easterly.

Plans and specifications obtainable from the above office.

**BIDS OPENED**

**SAN FRANCISCO**—E. J. Treacy, Call Bldg., at \$300 submitted low bid to the Public Utilities Commission, City Hall, for the construction of concrete sidewalks, 15x255-ft. on Jefferson St. east of Jones St.

Complete bids follow:

E. J. Treacy	\$320.00
Chas. J. Harney	325.00
M. J. Lynch	406.90
D. C. McCabe	425.00
Thos. Gallagher	428.00
Love & Haun	449.00
Louis Sartorio	537.50
A. Bruno Ave. feed and Fuel Co.	540.34
Grant-Martinelli Const. Co.	548.00
G. Massaggi	573.00
Adam Arras	594.00

**BIDS OPENED**

**LOS ANGELES, Cal.**—Vido Kovacevich, 5400 Imperial Highway, South Gate, submitted low bid to Los Angeles Board of Public Works at \$13,531.26, for grading, paving and otherwise improving Broadway from 87th to 93rd Sts., a cash contract.

Total bids follow:

Vido Kovacevich	\$13,581.26
L. A. Paving Co.	14,222.65
Southern Calif. Roads Co.	14,502.39
C. O. Sparks	14,878.29
Griffith Co.	16,023.30
Engineer's estimate	15,628.27

**BIDS WANTED**

**WHATCOMB COUNTY, Wash.**—Until June 4, 10 A. M., bids will be received by Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 4,618 miles of surfacing on the Mt. Baker Highway Reconstruction Surfacing and Bituminous Surf. Treatment Project 6-48, National Forest Road Project, located within the Mt. Baker National Forest, Whatcom Co.

The principal items of work involved are:

- (1) 1,700 c.y. unclass. excav.
- (2) 4,618 miles fine grading of sub-grade and shoulders;
- (3) 18,000 tons heavy base course;
- (4) 7,200 tons crusher run top course
- (5) 1,000 units watering;
- (6) 160 tons cutback asphalt, MC-2 grade, for prime coat;
- (7) 1,850 lf. 4-in. high rustic guard rail, Type 7.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

**BIDS OPENED**

**SACRAMENTO, Sacramento Co., Calif.**—Bids for the construction of a

line change at 42nd and D Streets were opened by the Sacramento City Council, H. G. Denton, City Clerk, May 20.

- The work involves:
- (1) 80 c.y. excav. unclass.;
  - (2) 237 sq. ft. sidewalk to be removed;
  - (3) 307 lf. curb and gutter, cut No. 6, to be removed;
  - (4) 4260 sq. ft. 4-in. asph. concrete pavement to be removed;
  - (5) 3 gutter drains, cut No. 11, to be placed;
  - (6) 85 lf. 6-in. VI drain pipe, to be placed;
  - (7) 298 lf. curb and gutter, cut No. 6, to be constructed;
  - (8) 120 tons crusher run base;
  - (9) 57 tons 2-in. asph. conc. pavement, top course;
  - (10) 131 gals. 90-95 liquid asphalt;
  - (11) 7 tons screenings;
  - (12) 473 sq. ft. 3½-x 4½-ft. conc. sidewalk to be constructed.

Total bids follow:  
(A) J. R. Reeves, P. O. Box 1072, Sacramento

(B) Lord & Bishop, Native Sons Building, Sacramento.

Unit bids follow:

	A	B
(1).....	\$120.00	\$160.00
(2).....	9.24	11.55
(3).....	138.15	122.90
(4).....	340.80	426.00
(5).....	35.00	36.00
(6).....	88.00	105.60
(7).....	432.10	417.00
(8).....	300.00	300.00
(9).....	839.15	327.75
(10).....	15.73	19.65
(11).....	28.00	35.00
(12).....	85.34	94.60

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Cal.**—Until June 14, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of Fohemus and Taylor streets from San Pedro to Colma streets.

Plans and specifications obtainable from the office of City Engineer W. L. Popp.

**SAN MATEO CO.—AQUEDUCT REPLACEMENT—CITY**

**SAN MATEO COUNTY, Cal.**—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at \$34,709.50 on Proposal I, and at \$37,773.75 on Proposal II, submitted low bids to the Public Utilities Commission, City Hall, under Spec. No. W. D. 141, for the replacement of a portion of Stone Dam Aqueduct with 48-in. concrete pipe.

The section of the aqueduct to be replaced connects at its upstream end to an existing tunnel and at its downstream end to an existing 48-in. steel pipe inverted siphon. The upstream end is accessible by a private road, and is approximately 5.5 miles from the town of Millbrae.

The work consists of the removal of approximately 2,900 ft. of an existing wooden flume, comprising a portion of the Stone Dam Aqueduct, and replacement of the same with a 48-in. inside dia. reinforced concrete pipe.

The work involves:

- PROPOSITION I**  
**48-in. Monolithic Concrete Pipe**
- (1) 2,900 lf. removing existing timber flume;
  - (2) 4,400 c.y. trench excav., unclass.
  - (3) 200 c.y. structure excav., unclass.
  - (4) 60 c.y. concrete for structures;
  - (5) 890 c.y. concrete for 48-in. I.D. monolithic pipe;
  - (6) 70,600 lbs. reinforcing steel;
  - (7) does not apply to Prop. I;
  - (8) 25 lf. 42-in. I.D. concrete pipe for spillway discharge;
  - (9) 12 MFMB furnishing and installing redwood timber;
  - (10) 950 lbs. furnishing and installing misc. metal work;

**PROPOSITION I**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ 0.10	\$ 0.12	\$ 1.00	\$ 1.00	\$ 0.35	\$	\$
(2).....	79	132	75	130	130		
(3).....	2.94	3.29	4.00	1.60	2.25		
(4).....	26.50	37.50	30.00	26.50	37.50		
(5).....	26.50	21.38	34.00	33.50	31.00		
(6).....	.07	.084	.07	.07	.085		
(7).....	15.00	10.50	.....	.....	.....		
(8).....	150.00	135.00	11.00	15.00	9.00		
(9).....	100.00	135.00	100.00	250.00	150.00		
(10).....	25	356	20	30	20		
(11).....	90.00	50.00	30.00	65.00	30		

**PROPOSITION II**

(1).....	.10	172	1.00	.....	.....	.10	.60
(2).....	.79	1.32	.75	.....	.....	1.375	3.00
(3).....	2.94	3.29	4.00	.....	.....	2.50	3.00
(4).....	26.50	37.50	30.00	.....	.....	30.00	60.00
(5).....	.....	.....	.....	.....	.....	.....	.....
(6).....	.07	.10	.07	.....	.....	.065	.07
(7).....	.....	10.90	12.73	11.25	.....	10.25	11.50
(8).....	.....	9.77	15.00	11.00	.....	9.25	15.00
(9).....	.....	100.00	135.00	100.00	.....	120.00	100.00
(10).....	.....	25	35	20	.....	27	50
(11).....	.....	90.00	50.00	30.00	.....	100.00	150.00

N. A. Eckart, Chief Engineer.

**PROPOSITION II**

**48-in. Centrifugally Spun Concrete Pipe**

- (1) 2,900 lf. removing existing timber flume;
- (2) 4,000 c.y. trench excav., unclass.
- (3) 200 c.y. structure excav., unclass.
- (4) 58 c.y. concrete for struc.;
- (5) does not apply to Prop. II;
- (6) 6,000 lbs. reinforcing steel;
- (7) 2,900 lf. furnishing and laying 48-in. I.D. centrifugally spun concrete pipe;
- (8) 25 lf. 42-in. I.D. concrete pipe for spillway discharge;
- (9) 12 MFMB furnishing and installing redwood timber;
- (10) 1,050 lbs. furnishing and installing misc. metal work;
- (11) one each, furnishing and installing 4-in. gate valves.

Total bids follow:

(A) Sibley Grading & Teaming Co., San Francisco (Prop. I) \$34,709.50; (Prop. II) \$37,773.75.

(B) Williams Bros. & Haas, Inc., San Francisco: (I) \$34,986.10; (II) \$47,666.30.

(C) M. J. Lynch, San Francisco: (I) \$44,617.00; (II) \$42,120.00.

(D) Union Paving Co., San Francisco: (I) \$45,922.00; (II) \$.....

(E) G. W. Williams Co., Burlingame: (I) \$46,309.00; (II) \$.....

(F) W. J. Tobin, Oakland: (I) \$.....; (II) \$38,906.25.

(G) W. O. Tyson, Redwood City: (I) \$.....; (II) \$52,760.00.

Unit bids follow:

**BIDS OPENED**

**SACRAMENTO.**—Bids for the improvement of the approach to the "I" street Bridge were opened by the Sacramento City Council, H. G. Denton, City Clerk, May 20.

- The work involves:
- (1) 300 c.y. excav. unclass.
  - (2) 117 lf. 2-in. concrete gutter alone to be removed;
  - (3) 160 lf. 2-in. concrete curb and gutter to be removed;
  - (4) 1350 sq. ft. 3 1/2-in. conc. sidewalk to be removed;
  - (5) 4200 sq. ft. 5 1/2-in. asph. conc. pavement to be removed;
  - (6) 3 gutters drains;
  - (7) 4 10- to 12-in. trees, removed;
  - (8) 1 gutter drain, reset;
  - (9) 30 lf. 6-in. V I drain pipe to be placed;
  - (10) 182 lf. 2-in. conc. gutter alone to be constructed;
  - (11) 2 gutter drains, cut 11 to be placed;
  - (12) 170 lf. concrete curb and gutter, cut No. 5, to be constructed;
  - (13) 200 sq. ft. 3 1/2-in. conc. sidewalk to be constructed;
  - (14) 120 tons crusher run base;
  - (15) 225 gals. paint binder;
  - (16) 220 tons asph. conc. pave.;
  - (17) 420 gals. 90-95 liquid asphalt;
  - (18) 1/2-ton screenings.

The bidders were:

(A) J. R. Reeves, P.O. Box 1072, Sacramento.

(B) Lord & Bishop, Native Sons Bldg., Sacramento.

Unit bids follow:

	(A)	(B)
(1)	\$30.00	\$300.00
(2)	11.70	35.10
(3)	32.00	64.00
(4)	40.50	40.50
(5)	420.00	420.00
(6)	15.00	6.00
(7)	29.00	20.00
(8)	7.50	4.00
(9)	39.00	18.00
(10)	109.20	109.20
(11)	21.00	6.00
(12)	171.00	212.50
(13)	36.00	36.00
(14)	207.00	240.00
(15)	32.50	65.00
(16)	1540.00	1430.00
(17)	50.40	42.00
(18)	1.25	1.00

**BIDS OPENED**

**STATE OF OREGON.**—Until June 2, 9 a. m., bids will be received by the Oregon State Highway Commission, R. H. Babcock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway and bridge construction as follows:

**Clatsop County.**—Bridge over Clatsop Creek on Elsie-Nehalem River Section of the Wolf Creek Highway. Requires approximately 2,400 cu. yd. excav.; 240,000 lbs. steel lining; 1,600 cu. yd. concrete; 1,180,000 lb. structural steel; 190 cu. yd. rubble concrete and 1,750 lf. steel handrails.

**Deschutes County.**—Horse Ridge-Brushy Section of Central Oregon Highway. 16,000 yds. regrading; 19,888 cu. yd. excav.; 167 miles road-mix (1 1/2 in. dust); 12,000 cu. yd. ballast; 18,000 cu. yd. gravel. Requires approximately 10,000 cu. yd. excav.; 31,000 cu. yd. concrete; 200,000 lb. steel reinforcement; 200,000 cu. yd. crushed gravel aggregates; 100,000 lb. structural steel; 200 cu. yd. cement.

**Deschutes County.**—McKenzie Pass-Elsie River Section of McKenzie Highway. 80,000 cu. yd. mat surface treatment; 100,000 cu. yd. road-mix.

**Jackson County.**—Phoenix-Bear Creek Section of Pacific Highway. 342 miles road-mix (1 1/2 in. dust); 200,000 cu. yd. concrete; 200,000 lb. steel reinforcement; 200,000 cu. yd. crushed gravel aggregates; 100,000 lb. structural steel; 200 cu. yd. cement.

metal reinforcement; 80 lf. concrete handrail; 23,000 cu. yd. put-run gravel base materials; 4,500 cu. yd. crushed materials; 44,500 sq. yds. Portland cement concrete pavement; and 11,000 sq. yds. oil mat surface treatment.

**Jefferson County.**—Miller Flat-Jefferson Section of Warm Springs Highway; 2.14 miles grading, requiring approximately 158,000 cu. yd. excav.; 40 cu. yd. concrete; and 6,500 lbs. metal reinforcement.

**Tillamook County.**—Bridge over Short Sand Beach Creek on the Short Sand Beach Creek Section of the Oregon Coast Highway. Requires approximately 120 cu. yd. excav.; 280 cu. yd. concrete; 59,000 lbs. metal reinforcement; and 260 lf. concrete handrail.

**Washington County.**—Concrete over-crossing structure over Southern Pacific Company's tracks and 0.306 mi.

highway roadbed near Cook Station on the West Portland-Hubbard Highway. Requires approximately 60,620 cu. yd. excav.; 480 cu. yd. concrete; 76,000 lbs. metal reinforcement; and 300 lf. concrete handrail.

**Yamhill County.**—McMinnville Section of Pacific Highway West; 2.03 miles grading and Portland cement concrete pavement, and 0.45 miles asphaltic concrete pavement. Requires approximately 43,000 cu. yd. excavation; 290 cu. yd. concrete curbs and gutters; 16,300 cu. yd. crushed rock or crushed gravel; 26,300 sq. yds. Portland cement concrete pavement; 2,100 sq. yds. Portland cement concrete base; and 12,000 sq. yds. asphaltic concrete pavement.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5 per set.

**MODOC COUNTY.—10.1 Mi. GRADE & SURF.—(State)**

**MODOC COUNTY, Cal.**—Hanrahan Co., Hobart Bldg., San Francisco, at \$192,283.55 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 10.1 miles of grading and surfacing with plant-mixed surfacing in Modoc County between 1.4 miles west of Hot Creek and Alturas.

Total bids follow:

- (A) Hanrahan Co., San Francisco, \$192,283.55.  
 (B) Hemstreet & Bell, Marysville, \$193,335.10.  
 (C) A. Teicherl & Son, Inc., Sacramento, \$195,736.80.  
 (D) Harms Bros. and Larsen Bros., Sacramento, \$196,097.05.  
 (E) Harold Blake, Portland, \$217,862.80.  
 (F) D. McDonald, Sacramento, \$219,299.60.  
 (G) George Pollock Co., Sacramento, \$249,429.00.  
 (H) Union Paving Co., San Francisco, \$282,559.00.

The work involves:

- (1) 67 acres clear and grub right of way;
- (2) 3,900 M. gallons water;
- (3) 136,500 cu. yd. rdwy. excav., unclassified;
- (4) 2,550 cu. yd. struc. excav.;
- (5) 480 cu. yd. ditch and channel excavation;
- (6) 13 cu. yd. remove and dispose of existing concrete;
- (7) 421,500 sta. yds. overhaul;

- (8) 532 sta. finishing rdwy.;
- (9) 63,200 cu. yd. imported borrow;
- (10) 17,000 tons mineral aggregate (plant-mix surf.);
- (11) 900 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
- (12) 115 tons liquid asphalt ROMC-3 or ROMC-4 (seal coat);
- (13) 200 tons liquid asphalt, SC-2 (prime coat);
- (14) 1,000 tons sand (seal coat);
- (15) 29,850 lbs. bar reinforcing steel (struc.);
- (16) 305 cu. yd. Class A Portland cement concrete (struc.);
- (17) 534 lf. 12-in. CMP;
- (18) 3,494 lf. 18-in. CMP;
- (19) 458 lf. 24-in. CMP;
- (20) 76 lf. 42-in. CMP;
- (21) 42 lf. 60-in. CMP;
- (22) 46 lf. 12-in. CMP siphons;
- (23) 96 lf. 18-in. CMP siphons;
- (24) 188 lf. remove, clean and salvage existing CMP;
- (25) 211 lf. remove, clean and relay existing CMP;
- (26) 3 each 12-in. conc. pipe joints;
- (27) 3 each 18-in. do.;
- (28) 1 each drop inlet frame and cover;
- (29) 138 each culvert markers;
- (30) 81 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1489, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding. Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$9.60	\$40.00	\$40.00	\$30.00	\$50.00	\$50.00	\$25.50	\$75.00
(2)	1.30	1.50	1.50	2.60	1.50	2.00	1.50	2.00
(3)	37	36	31	40	47	39	55	80
(4)	1.40	1.50	1.25	2.00	1.25	1.50	2.00	2.50
(5)	1.30	1.00	1.00	1.00	1.00	1.50	1.25	2.50
(6)	3.55	5.00	3.00	5.00	5.00	3.00	10.00	15.00
(7)	.005	.005	.005	.01	.01	.01	.005	.02
(8)	10.00	7.50	5.00	8.00	6.00	5.00	10.00	10.00
(9)	50	55	77	45	50	85	70	85
(10)	2.12	2.00	1.75	2.00	2.40	2.00	2.75	2.00
(11)	25.00	24.00	25.70	22.40	26.00	23.00	24.00	25.00
(12)	28.00	27.50	29.00	22.40	29.00	25.00	30.00	30.00
(13)	18.50	18.00	21.00	16.50	23.00	18.00	20.00	25.00
(14)	2.00	4.00	2.00	3.00	2.60	3.00	3.00	4.00
(15)	.07	.055	.06	.08	.06	.06	.08	.10
(16)	25.70	28.00	28.00	30.00	27.00	25.00	30.00	25.00
(17)	1.45	1.30	1.35	1.50	1.30	1.50	1.75	2.00
(18)	2.25	1.80	1.95	2.10	2.40	2.00	2.25	2.50
(19)	3.29	3.15	3.00	3.06	4.00	3.00	3.00	4.00
(20)	7.00	7.00	6.80	6.00	8.00	7.20	6.50	8.00
(21)	13.50	14.50	13.00	12.00	19.00	14.00	14.00	15.00
(22)	1.80	2.25	1.70	1.65	3.50	2.00	2.50	3.00
(23)	2.60	3.00	2.35	2.50	5.00	2.50	3.00	3.50
(24)	1.00	1.00	.45	1.00	1.50	.50	75	1.06
(25)	1.19	1.00	.60	1.25	1.50	1.00	1.00	1.00
(26)	16.00	10.00	5.20	5.00	10.00	15.00	15.00	12.00
(27)	21.00	10.00	9.00	9.00	15.00	20.00	20.00	15.00
(28)	45.00	70.00	62.00	100.00	15.00	55.00	60.00	50.00
(29)	2.30	2.50	2.80	3.60	3.00	2.30	4.00	3.00
(30)	3.00	3.00	3.00	3.00	3.00	3.00	4.00	3.00



**BIDS WANTED**

**ALAMEDA CO., Calif.—**Until June 16, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 8.4 miles grading and surfacing with crusher run base and road-mix surfacing in Alameda County, between Mountain House and Greenville.

The work involves:

- (1) 10,500 M. gals. water;
- (2) 1,875,000 c.y. roadway excav. unclass.;
- (3) 3,000 c.y. ditch excav.;
- (4) 25,950,000 sta. yds. overhaul;
- (5) 9,375 c.y. struc. excav.;
- (6) 7 c.y. conc. removed and disposed of;
- (7) 401 sta. finishing roadway;
- (8) 60,600 tons crusher run base;
- (9) 375 tons liquid asphalt, SC-1A (prime coat);
- (10) 55 tons liq. asphalt, SC-2 (penetration oil treatment);
- (11) 1,400 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix surf.);
- (12) 27,800 tons min. aggregate (road-mix surf.);
- (13) 153,500 lbs. bar reinf. steel;
- (14) 240 lbs. copper strips;
- (15) 1,430 c.y. Class A portland cement concrete (strucs.);
- (16) 3,450 lf. furnishing treated Douglas fir piles, including test piles;
- (17) 88 each, driving piles, including test piles;
- (18) 5,200 lf. 8-in. CMP;
- (19) 380 lf. 12-in. CMP;
- (20) 3,620 lf. 18-in. CMP;
- (21) 640 lf. 24-in. CMP;
- (22) 2,200 lf. 24-in. CMP, double rivetted;
- (23) 450 lf. 36-in. CMP, 8-gauge, double rivetted;
- (24) 400 lf. 48-in. CMP, 10-gauge;
- (25) 340 lf. 48-in. CMP, 8-gauge, double rivetted;
- (26) 32 lf. 60-in. CMP, 10-gauge;
- (27) 220 lf. 60-in. CMP, 8-gauge;
- (28) 4,000 lf. 6-in. perf. metal pipe underdrains;
- (29) 600 cu. yds. rock filling matl.;
- (30) 51 lf. exist. CMP, remove, clean and salvage;
- (31) 97 each, spillway assemblies;
- (32) 17 each, 8-in. CMP "T" connections;
- (33) 360 lf. Class A portland cement concrete (curb);
- (34) 73,000 lf. timber curb;
- (35) 68 lf. timber railing;
- (36) 140 each, culvert markers;
- (37) 230 each, guide posts;
- (38) 17 miles new property fence;
- (39) 34 each, 16-ft. drive gates;
- (40) 34 each, monuments complete, in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

**LOW BIDDERS**  
**COCONINO COUNTY, Ariz.—**Arizona Sand & Rock Co., P. O. Box 1522 Phoenix, submitted low bid to the Arizona State Highway Department at \$53,762 for highway construction on Flagstaff-Fredonia Highway, FA 95-A, 1st Reop. (1937) AFE 8964. The work, which is to begin at Fredonia and extend north about 3.8 miles to the Arizona-Utah state line, consists of grading, draining, aggregate on or below Sept. 30, 1937, base course and asphalt surface treatment and is to be completed by Oct. 1, 1937.

The items are:  
7200 c.y. rdwy. excav.; 19,000 c.y. stripping pits; 9600 c.y. ml. stripping material haul; 12,300 c.y. imported borrow; 11,600 c.y. ml. imported borrow haul; 9900 c.y. selected material; 15,600 cu. yd. selected material haul; 10,800 tons aggregate

base course, 13,100 ton mi. A B C haul; 745 M gals. sprinkng, 300 hours rolling, 53 c.y. A concrete, 380 lbs. reinf. steel, 334 ft. CMP (three sections), 400 ft. road guard, 200 tons cutback asphalt (MC-2), 330 tons blotter material.

The next two low bids were: Lee Moor Contr. Co., \$39,492; Tiffany Const. Co., \$40,378.

**KINGS CO.—8.6 Mi. SURFACING & BORDERS—(State)**

**KINGS COUNTY.—**Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$12,521, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 8.6 miles surfacing with plant-mix surfacing and constructing borders, in Kings Co., between Kings River Slough and Hall's Corner.

The work involves:

- (1) 136 M. gals. water;
- (2) 9,200 tons crusher run base;

- (A) Griffith Co., Los Angeles
- (B) Stewart & Nuss, Inc., Fresno
- (C) Union Paving Co., San Francisco
- (D) Oswald Bros., Los Angeles
- (E) N. M. Ball Sons Co., Berkeley
- (F) Harnahan Co., San Francisco
- (G) L. A. Brisco, Arroyo Grande
- (H) Leo F. Piazza, San Jose

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$2.50	\$4.00	\$3.00	\$2.50	\$2.00	\$2.60	\$2.50	\$3.00
(2)	2.50	2.81	3.00	3.15	3.15	3.20	3.60	3.45
(3)	14.00	12.00	11.00	12.50	14.00	21.00	12.00	11.60
(4)	.02	.015	.02	.02	.025	.02	.02	.03
(5)	3.45	3.50	3.25	3.40	4.00	3.70	3.50	4.10
(6)	12.00	14.00	12.00	15.00	12.50	14.50	12.70	16.30
(7)	16.00	15.00	14.00	16.00	15.50	16.50	14.20	15.35
(8)	.09	.06	.10	.07	.07	.06	.055	.07

**AWARD RECOMMENDED**  
**ELKO COUNTY, Nev.—**Award of a contract to R. L. Oakley, 10823 Wellworth Ave., Los Angeles, at \$172,345.40, for 7.54 miles grading on Sections A and B of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County, has been recommended by District Engineer C. H. Sweeter, District Engineer, Bureau of Public Roads, San Francisco.

**(State)**

- (3) 36 tons liq. asphalt, SC-1A or SC-2 (prime coat);
  - (4) 26,000 sq. yds. asphaltic paint binder;
  - (5) 2,700 tons mineral aggregate (plant-mix surf.);
  - (6) 171 tons liq. asphalt, SC-4 (plant-mix surf.);
  - (7) 250 tons liq. asphalt, SC-4 (shoulders);
  - (8) 31,000 sq. yds. preparing, mixing and shaping shoulders.
- Total bids follow:

(A) Griffith Co., Los Angeles	\$42,521.00
(B) Stewart & Nuss, Inc., Fresno	44,672.00
(C) Union Paving Co., San Francisco	46,351.00
(D) Oswald Bros., Los Angeles	48,205.00
(E) N. M. Ball Sons Co., Berkeley	49,388.50
(F) Harnahan Co., San Francisco	49,524.10
(G) L. A. Brisco, Arroyo Grande	51,465.20
(H) Leo F. Piazza, San Jose	53,189.00

**SISKIYOU COUNTY—20.3 Mi. GRADING—(State)**

**SISKIYOU CO., Calif.—**Harold Blake, 400 N. Thompson St., Portland, at \$171,882, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 20.3 mi. grading in Siskiyou County, between Coigar and Macleod.

The work involves:

- (1) 100 acres clear and grub right of way (inside slope lines);
- (2) 203 acres clear right of way (outside slope lines);
- (3) 131,700 c.y. rdwy. excav. unclass. (Location A);
- (4) 82,500 c.y. do (Location B);
- (5) 200,000 sta. yds. overhaul;

- (A) Harold Blake, Portland
- (B) Harris Bros. and Larson Bros., Sacramento
- (C) Morrison-Knudsen Co., Los Angeles
- (D) A. Trenchert & Son, Inc., Sacramento
- (E) Clifford A. Dunn, Klamath Falls
- (F) J-Ibell Constr. Co., Reno
- (G) Donald Atkinson, San Francisco
- (H) George K. Thompson, Los Angeles
- (I) Hemstreet & Bell, Marysville
- (J) Union Paving Co., San Francisco

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$100.00	\$120.00	\$185.00	\$200.00	\$160.00	\$175.00	\$263.00	\$300.00	\$200.00	\$200.00
(2)	100.00	100.00	95.00	100.00	60.00	75.00	125.00	100.00	100.00	70.00
(3)	46	56	57	72	78	92	88	74	92	120
(4)	155	25	22	20	27	30	26	36	36	45
(5)	.01	.01	.015	.01	.01	.01	.01	.02	.01	.02
(6)	1.00	2.00	1.00	1.00	1.00	1.50	1.00	1.50	1.00	2.00
(7)	41	42	50	46	60	65	77	45	95	50
(8)	123	2.00	1.00	1.50	1.00	2.00	1.50	2.00	1.50	2.50
(9)	7.00	8.00	6.00	5.50	5.00	10.00	10.00	12.00	10.00	10.00
(10)	.06	.08	.07	.06	.06	.07	.06	.08	.055	.10
(11)	25.00	30.00	26.00	27.00	27.00	32.00	21.00	40.00	26.00	27.00
(12)	1.30	1.50	1.50	1.60	1.30	1.75	1.60	1.20	1.40	2.00
(13)	2.25	2.10	2.20	2.25	1.80	2.50	2.25	2.10	1.90	2.00
(14)	3.50	3.40	3.40	3.50	2.90	3.75	3.25	3.20	3.20	1.90
(15)	8.00	8.00	8.50	9.00	7.50	9.25	9.50	8.10	9.00	12.00
(16)	18.00	12.00	13.80	15.00	12.50	15.00	11.50	14.00	16.00	15.00
(17)	3.00	3.00	3.00	3.50	3.00	4.00	3.00	3.50	3.00	3.00

- (6) 400 c.y. ditch and channel excavation;
  - (7) 75,000 c.y. imported borrow;
  - (8) 2,000 c.y. struc. excav.;
  - (9) 841 sta. finishing roadway;
  - (10) 36,600 lbs. bar reinforcing steel (struc.);
  - (11) 325 c.y. Class A Portland Cement concrete (struc.);
  - (12) 550 lf. 12-in. CMP;
  - (13) 2,436 lf. 18-in. CMP;
  - (14) 186 lf. 24-in. CMP;
  - (15) 36 lf. 48-in. CMP;
  - (16) 42 lf. 60-in. CMP;
  - (17) 18 each monuments complete in place.
- Total bids follow:

(A) Harold Blake, Portland	\$171,882.00
(B) Harris Bros. and Larson Bros., Sacramento	197,216.60
(C) Morrison-Knudsen Co., Los Angeles	198,596.80
(D) A. Trenchert & Son, Inc., Sacramento	216,607.50
(E) Clifford A. Dunn, Klamath Falls	225,698.50
(F) J-Ibell Constr. Co., Reno	269,642.50
(G) Donald Atkinson, San Francisco	274,710.00
(H) George K. Thompson, Los Angeles	286,598.80
(I) Hemstreet & Bell, Marysville	295,230.40
(J) Union Paving Co., San Francisco	310,229.60

**BIDS WANTED**

**KERN CO., Calif.**—Until June 9, 3 p.m., bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, Bishop, for about 0.5 mile grading and treating with liquid asphalt by the road-mix method, in Kern County, near Inyokern.

The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the above office.

**BIDS WANTED**

**LOS ANGELES CO., Calif.**—Until June 7, 2 p.m., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, 408 State Bldg., Los Angeles, for applying road-mix surface treatment to existing shoulders on about 3.8 east city limits of Los Angeles and west city limits of Monterey Park.

The work involves:  
(1) 575 tons liquid asphalt, SC-2;  
(2) 71,000 sq. yds. preparing, mixing, and shaping shoulders.

Plans and specifications obtainable from the above office.

**KLICKITAT CO., Wash.**

—Until June 11, 10 a.m., bids will be received by the Bureau of Public Roads, 316 New Postoffice Building, Portland, W. H. Lynch, District Engineer, for 3,205 miles grading, 2,541 miles surfacing, and 6,818 miles bituminous surface treatment, on the Mt. Adams Highway, Project 17-A3, Bl. National Forest Road Project, Columbia National Forest, Klickitat County, Washington.

The work involves:

- (1) Lump sum, extra and miscellaneous force account work;
- (2) 23 A. clearing;
- (3) 21 A. grubbing;
- (4) 57,540 cu. yds. unclass. excav.;
- (5) 29,000 sta. of special overhaul;
- (6) 7 A. roadside clean-up;
- (7) 440 sq. ft. dangerous trees and snags;
- (8) 7,600 cu. yd. heavy base course, 3-in. material;
- (9) 600 units, watering;
- (10) 4,100 cu. yd. crusher run top course;
- (11) 250 tons cutback asphalt, MC-2 grade for prime coat;
- (12) 210 cu. yd. Class A concrete;
- (13) 21,000 lbs. unclass. steel;
- (14) 556 lf. culverts (Alternate);
- (15) 520 lf. 12-in. C.G.S.M. pipe.

Plans and specifications obtainable from the above office upon deposit of \$10.

**BIDS OPENED**

**SACRAMENTO**—A. Teichert and Son, Inc., P.O. Box 1113, Sacramento, at \$17,665, submitted low bid to the Board of Education of the Sacramento Unified School District, for the construction of yard, roads and sidewalks at the Sacramento Senior High School.

Bids were taken as follows:

- (1) Work complete;
  - (2) Deduct for yard area;
  - (3) Deduct for parking area.
- Complete bids follow:  
(A) Teichert & Son, Inc., Sacramento—(1) \$17,665; (2) \$3,220; (3) \$3,062.  
(K) E. Parker, San Francisco—(1) \$18,650; (2) \$3,350; (3) \$3,250.  
(J) R. Reeves, Sacramento—(1) \$19,371; (2) \$2,185; (3) \$2,926.  
Starks & Flanders, 310 Bank of America Bldg., Sacramento, architects.

Bids were taken as follows:

- (1) Work complete;
  - (2) Deduct for yard area;
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(A) Teichert & Son, Inc., Sacramento—(1) \$17,665; (2) \$3,220; (3) \$3,062.  
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(J) R. Reeves, Sacramento—(1) \$19,371; (2) \$2,185; (3) \$2,926.  
Starks & Flanders, 310 Bank of America Bldg., Sacramento, architects.

**BIDS OPENED**

**TERAMA COUNTY, Calif.**—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$14,881 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.8 miles of surfacing with road-mix surfacing and

applying seal coat thereto, in Tehama County, between Route 86 and Morgan Springs.

The work involves:

- (1) 4,650 cu. yd. mineral aggregate;
- (2) 320 tons liquid asphalt, ROMC-3 (surfacing);
- (3) 46 tons do. (seal coat);
- (4) 325 cu. yd. sand (seal coat).

Total bids follow:

- (A) Lee J. Immel, Berkeley, \$14,881.
- (B) Teichert & Son, Inc., Sacramento, \$16,258.50.
- (C) Louis Biasotti & Son, Stockton, \$17,292.75.
- (D) A. Soda & Son, Oakland, \$17,461.25.
- (E) Leo F. Piazza, San Jose, \$19,436.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$1.00	\$1.20	\$1.55	\$1.70	\$1.60
(2).....	26.00	28.00	26.00	25.00	31.00
(3).....	26.00	31.00	27.00	25.00	31.00
(4).....	2.20	.90	1.61	1.25	2.00

**BIDS OPENED**

**TUOLUMNE CO., Calif.**—Beerman & Jones, 919 Bank of America Bldg., Stockton, and A. R. Maestretti, Stockton, at \$57,890 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 6.2 miles of surfacing with untreated crushed gravel or stone base and road-mix surfacing, in Tuolumne County between Stoddard Springs and McCoy Saddle.

The work involves:

- (1) 3,200 tons untreated crush, gravel or stone base;
- (2) 110 tons liquid asphalt, SC-2 (prime coat);
- (3) 820 tons do. SC-3 or SC-4 (surfacing);
- (4) 12,000 tons mineral aggregate surfacing.

Total bids follow:

- (A) Beerman & Jones and A. R. Maestretti, Stockton, \$57,890.00.
- (B) George French, Jr., Stockton, \$64,210.00.

Unit bids follow:

	(A)	(B)
(1).....	\$ 3.00	\$ 3.50
(2).....	15.00	15.00
(3).....	17.00	18.00
(4).....	3.15	3.50

**BIDS OPENED**

**PLUMAS COUNTY, Calif.**—Hayward Bldg. Material Co., Atherton and Jackson Sts., Hayward, at \$30,870 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying seal coat on about 20 miles in Plumas County between Howell's and 1/4 mile south of Keddie.

The work involves:

- (1) 375 tons liquid asphalt, 90-95;
- (2) 4,400 tons screenings (seal coat);
- (3) 2,000 tons do. (stockpiles).

Total bids follow:

- (A) Hayward Bldg. Material Co., Hayward, \$30,870.00.
- (B) Lee J. Immel, Berkeley, \$31,160.
- (C) E. A. Forde, San Anselmo, \$31,380.00.
- (D) Henfrey-Moore Co., Oakland, and E. F. Hilliard, Sacramento, \$31,791.00.
- (E) George French, Jr., Stockton, \$32,590.00.
- (F) Frank Embleton, Berkeley, \$33,245.00.
- (G) Hemstreet & Bell, Marysville, \$34,725.00.

Unit bids follow:

	(1)	(2)	(3)
(A).....	\$22.00	\$3.80	\$2.95
(B).....	20.00	3.90	3.25
(C).....	20.00	3.95	3.25
(D).....	21.00	4.19	2.74
(E).....	25.00	3.75	3.25
(F).....	23.00	4.05	3.40
(G).....	27.00	4.00	3.50

**BIDS OPENED**

**SAN FRANCISCO**—Fay Imp. Co., Phelan Bldg., at \$115,410 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 19,035, for reconstruction of pavement on Noriega street between 10th and 11th avenues.

The work involves:

- (1) 3350 sq. ft. 6-inch Class E 5-sack concrete pavement, center strip;
- (2) 250 sq. ft. of asphaltic concrete wearing surface;
- (3) 660 sq. ft. removing the existing pavement and replacing with asphaltic concrete pavement, consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;
- (4) 8 tons asphaltic concrete conform pavement.

Total bids follow:

- (A) Fay Improvement Co., S. F., \$115,410.
- (B) M. J. Lynch, San Francisco, \$1,200.00.

(C) Chas. L. Harney, San Francisco, \$1,230.50.

(D) A. G. Raich, San Francisco, \$1,329.00.

(E) E. J. Treacy, San Francisco, \$1,336.48.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$0.26	\$0.27	\$0.25	\$0.30	\$0.223
(2).....	1.00	0.6	1.5	3.0	1.0
(3).....	2.95	3.0	4.5	3.0	2.7
(4).....	7.60	5.00	7.00	6.00	6.00

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Calif.**—Until June 1, 8 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, for the improvement of Sixteenth Street between Jackson and Taylor Streets.

The work involves:

- (1) 25,456 sq. ft. paving;
- (2) 1,119 sq. ft. gutter;
- (3) 559.50 lf. curb;
- (4) 2,267 sq. ft. sidewalks;
- (5) 288 lf. 4-in. VP house sewer laterals;
- (6) 6.5 tons asphaltic concrete surfacing.

Plans and specifications obtainable from the office of City Engineer W. L. Popp.

**30—RESERVOIRS & DAMS****CONTRACT AWARDED**

**LAKEPORT, Lake Co., Calif.**—C. E. & P. M. Beach, Lakeport, at \$1,300, submitted low bid and awarded contract by the Lakeport City Council, D. W. Dillard, City Clerk, for the relining of Reservoir No. 1, Lakeport, with an 8-in. concrete wall.

Harold Smith, Upper Lake, at \$1,580, submitted the only other bid.

**31—PIPE LINES & WELLS****BIDS WANTED**

**SAN MATEO CO., Calif.**—Until June 10, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. 145, for drilling and casing a number of observation wells in the downtown chainlinkments of San Andres and Filaretos Dams, in San Mateo County. The total footage to be drilled will approximate 750 lf. and the total number of wells will be no more than 15. Not more than 4 of these wells are to be at the Filaretos Dam and the remainder are to be at the San Andres Dam.

All wells are to be lined with perforated steel casing 10 in. in diam., but provision is made to permit a smaller size well in any given location should the contractor be unable to continue the 10-inch bore for the entire depth.

The work involves:

- (1) 16 each, setting up and drilling wells to a depth of 15 feet.
  - (2) 510 L.F., drilling wells for each additional foot below a depth of 15 feet.
- Plans and specifications obtainable at Room 605, 425 Mason St., upon deposit of \$10.

**BIDS OPENED**

**LOS ANGELES COUNTY, Calif.**—Following bids received by the State Division of Highways, S. V. Cortel-yo, District Engineer, State Bldg., Los Angeles, for drilling a water supply well at the Augustus Maintenance Station Site, involving:

- (1) Drilling well to a depth of 200 ft.
- (2) Developing and testing well;
- (3) Per L.F. for all increase or decrease of 200 ft. depth to be added or deducted from the sum total of Items 1 and 2.

Complete bids follow:  
 Roscoe Moss Co., Los Angeles, (1) \$112.07; (2) \$300; total, \$142.07; (3) increase or decrease, \$5.18 ft.  
 Barber & Bridge & Drilling Corp., \$112.07; (2) \$300; total, \$142.07; (3) \$5.18.  
 Newton Palm, Ventura, (1) \$112.07 (2) \$300; total, \$142.07; (3) \$5.18.

**BIDS OPENED**

**SAN FRANCISCO.**—Robt. Garcia Well Drilling & Pump Co., 2045 University Ave., Palo Alto, at \$61.25 submitted low bid to the Department of Public Works, City Hall, for making 35 L.F. of test holes for proposed fire cistern at First and Folsom Sts.  
 The other bids were:  
 J. B. Rogers, S. F., .....\$78.75  
 J. G. Gratton, S. F., .....\$136.50

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS OPENED**

**LOS ANGELES, Calif.**—Hoagland Engr. & Const. Co., First National Bank Bldg., Long Beach, submitted low bid to the Los Angeles Board of Public Works, at \$29,450, for construction of concrete work and appurtenances, including bar screen structure and incinerator, at Terminal Island sewage treatment plant (Terminal Island, San Pedro) PWA Project No. 5633, Unit No. 3h-1.

The items are:  
 (1) construction of concrete work, including all appurtenances;  
 (2) construction of a bar screen structure, do;  
 (3) construction of an incinerator, including all appurtenances.  
 Complete bids were:

Hoagland Engr. & Const. Co., (1) \$16,750; (2) \$9,600; (3) \$3100; (Total) \$29,450.

Bennett & Taylor: (1) \$19,493; (2) \$11,521; (3) \$3467; (Total) \$34,481.

J. R. Lippincott: (1) \$20,814; (2) \$9,805; (3) \$3876; (Total) \$34,495.

Contracting Engrs. Co.: (1) \$19,845; (2) \$11,410; (3) \$3284; (Total) \$34,519.

L. W. Odell: (1) \$21,600; (2) \$9,800 (3) \$3180; (Total) \$34,640.

Engineer's estimate: (1) \$17,400; (2) \$8,400; (3) \$3200; (Total) \$29,000.

**33—WATER WORKS**

**BIDS WANTED**

**OAKLAND, Alameda Co., Calif.**—Until June 2, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, secretary, 512 16th St., Oakland, under Spec. No. L.S. 196, for furnishing and erecting a 25,000-gal. elevated steel water storage tank at Camp Arden. Foundations will be constructed by the District.  
 Specifications obtainable from the above office. \* 33

**CONTRACT AWARDED**

**SAN MATEO CO., Calif.**—Sibley Grading & Teaming Co., Ltd., 165 Land St., at \$31,709.50 (Proposal 1) awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 141, for the replacement of a portion of Stone Dam Aqueduct with 48-in. concrete pipe. The section of the aqueduct to be replaced connects at its upstream end to an existing tunnel and at its downstream end to an existing 44-inch steel pipe inverted siphon. The upstream end is accessible by a 5.5 mile from the town of Millbrae.

The work consists of the removal of approximately 2,900 ft. of an existing wooden flume, comprising a portion of the Stone Dam Aqueduct, and replacement of the same with a 48-inch inside diameter reinforced concrete pipe.

**BIDS WANTED**

**HOLBROOK, Arizona.**—Until June 3, 2 p.m., bids will be received by C. J. Smith, Superintendent, Petrified Forest National Monument, Holbrook, for the construction of water and sewer systems in the Painted Desert Area, Petrified Forest National Monument, Arizona.

The work involves:  
 (1) 2,200 cu. yd. unclassified excav. for structures, trenches and footings;

- (2) Constructing a 50,000-gal. reinf. concrete reservoir, including all valves, piping and appurtenances;
- (3) Constructing a 5,000-gal. reinf. concrete septic tank, including all valves, piping, sewage syphon, effluent and sprinkler lines, and all appurtenances;
- (4) Constructing a concrete and stone pump house, 15 x 17 ft., including a 2500-gallon concrete sump;

- (5) Furnishing and laying 7,850 L.F. 1-2-in. galvanized steel pipe;

- (6) Furnishing and laying 433 L.F. 2-in. galvanized steel pipe;

- (7) Furnishing and laying 500 L.F. 3-in. galvanized steel pipe;

- (8) Furnishing and laying 160 L.F. 4-in. galvanized steel pipe;

- (9) Furnishing and laying 870 L.F. 6-in. vitred sewer pipe;

- (10) Constructing 5 reinf. concrete manholes;

- (11) Furnishing and laying 2,680 L.F. 8-in. cast-iron water pipe;

- (12) Furnishing and laying 210 L.F. 6-in. cast-iron pipe;

- (13) Furnishing and laying 340 L.F. 4-in. cast-iron pipe;

- (14) Installing engine and pumping equipment complete in power house, including underground storage tank, piping and all appurtenances.

Plans and specifications may be obtained from the above office, or from the office of F. A. Kittredge, Chief Engineer, National Park Service, 250 Federal Office Bldg., San Francisco, upon deposit of \$5. \*

**34—PARKS AND PLAY GROUNDS**

**BIDS OPENED**

**SAN MATEO, Calif.**—City Wide Lawn Service Co., Ingleswood, at \$47, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at San Mateo.

Complete bids follow:  
 City Wide Nursery Co., Ingleswood, \$47  
 California Nursery Co., Niles, 841-30.  
 West Coast Nursery Co., Palo Alto, 947

**BIDS OPENED**

**SACRAMENTO, Calif.**—E. L. French, 1926 O St., Sacramento, at \$2,859 for wood poles and at \$3,257 for steel piles, submitted low bid to the Sacramento City Council for furnishing and installing a flood lighting system at Roosevelt Park, 9th and 10th, P and Q Streets.

Complete bids follow:

E. L. French, Sacramento: Wood poles, \$2,859; Steel poles, \$3,257.

Rex Moore, Sacramento: Wood poles, \$2,950; Steel poles, \$3,380.

Luppen & Hawley, Sacramento: Wood poles, \$3,020; Steel poles, \$3,410

Commercial Electric Co., San Francisco: Wood poles, \$3,167; Steel poles, \$3,380. \*

**BIDS WANTED**

**SAN FRANCISCO.**—Until June 18, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Quarantine Station (Single Attendants' Quarters and Mess Hall) at San Francisco.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., San Francisco.

**BONDS DEFEATED**

**DALY CITY, San Mateo Co., Calif.**—A proposal to issue \$28,000 in bonds for the improvement of the Vista Grande Park, and \$14,000 for a playground in the Crocker Tract, was defeated at a special election May 25.

**BIDS WANTED**

**SAN FRANCISCO.**—Until June 18, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the Single Attendants Quarters and Mess Hall, Quarantine Station, San Francisco.

**BIDS WANTED**

**LODI, San Joaquin Co., Calif.**—Until June 11, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Lodi.

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## MET. WATER DISTRICT

LOS ANGELES, Calif.—Until June 4, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for equipment for reclaiming sludge from water treatment plant, (1) job Boulder City, Nev., 55 days after date of order, and (2) alternate, for cars or trucks vendor's plant, shipment to be made 45 days after date of order.

LOS ANGELES, Calif.—Until June 3, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for 16,008 ft. of black steel pipe and 853 flanges, bid No. 83484. Certified or cashier's check, 5%. Bids will be opened publicly in Room 504, 306 W. 3rd St.

LOS ANGELES, Calif.—Until June 4, 11 A. M., bids will be received by Metropolitan Water District, Los Angeles, for 15,000-volt indoor type disconnecting switches, switch and bus compartment, and bus insulator units for use in Colorado River Aqueduct pumping plants. Spec. 217.

LOS ANGELES, Calif.—Until June 21, 2 P. M., bids will be received by Metropolitan Water District, Los Angeles, for: Schedule 1, two needle valve assemblies, one 48x42-in. and one 60x54-in. complete with control and operating devices; Schedule 2, two high pressure gate assemblies, one 3-ft. 6-in. x 3-ft. 6-in. and one 4-ft. 6-in. x 4-ft. 6-in., complete with hydraulic hoists and appurtenances. Spec. 219.

LOS ANGELES, Calif.—Until June 21, 2 P. M., bids will be received Metropolitan Water District, Los Angeles, for needle valves and high pressure gates with control and operating devices, complete, ready for installation, Spec. 219. Work is divided as follows: Sch. 1, two needle valve assemblies, one 48x42-in., and one 60x54-in., complete with control and operating devices; Sch. two, 2 high pressure gate assemblies, one 3-ft. 6-in. x 3-ft. 6-in. and one 4-ft. 6-in. x 4-ft. 6-in., complete with hydraulic hoists and appurtenances (specification of cashier's check for 10% specifications obtainable at Room 504, 306 W. 3rd St., by payment of \$1.00 refundable; F. E. Weymouth, general manager and chief engineer.

LOS ANGELES—Last of items and to be bid on for control and pumping plants, Colorado River Aqueduct District, June 29, 1937. Specifications noted, are:

(1) one 600-volt panel

(2) one 600-volt control board

(3) one 600-volt control board

(4) one 600-volt control board

(5) one 600-volt control board

(6) one 600-volt control board

(7) one gate control board

(8) one temperature control board

(9) one battery control board

(10) 3 motor exciter

(11) 3 lubricating oil

(12) one station service

(13) one lot of spare terminal

(14) one lot of spare push button stations.

Schedule 2 is for control boards and electrical control equipment for Gene pumping plant, items 1 to 14 as in Sch. 1; Sch. 3, control boards and electrical control equipment for Iron Mountain pumping plant, items 1 to 14 as in Sch. 1; Sch. 4, control boards, etc., for Eagle Mountain pumping plant, items 1 to 4 as in Sch. 1; Sch. 5, control boards for Hayfield pumping plant, items 1 to 14, as in Sch. 1.

LOS ANGELES, Cal.—Approximate quantities and items for cement, Spec. 215, for which bids will be received by Metropolitan Water Dist. June 4, 10 A. M. (precisiously noted), are: (1) 212,500 bbbs. (2) 425,000 bbbs. (3) 857,500 bbbs. (4) 850,000 bbbs. Cement in each item to be plus or minus 25%, in bulk for cars or trucks at bidder's plant or plants.

## WAR DEPARTMENT

BONNEVILLE, Ore.—Until June 15, 3 p.m., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-37-402, for furnishing eight items of cables and cabinets for the Bonneville Project (480-volt distribution centers for fishways).

The work involves:

- (1) 1 Power cubicle FP-1;
- (2) 1 Power cubicle FP-2;
- (3) 1 Power cubicle FP-3;
- (4) 1 Power cubicle FP-4;
- (5) 1 Power cabinet FC-5;
- (6) 1 Power cabinet FC-6;
- (7) 1 Light cabinet FL-5;
- (8) 1 Control cabinet PJ-11.

Delivery f.o.b. railroad cars at bidder's shipping point, transportation cost to be borne by the Government and shipment made under Government bill of lading. Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 3, 2 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-282, for furnishing two brass U. S. Engineer Department insignia for the Dredge, "Pacific".

Delivery f.o.b. Bethlehem Shipbuilding Corp. Ltd., 20th and Illinois Sts., San Francisco.

Specifications obtainable from the above office.

SACRAMENTO.—Until June 8, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. H. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-227, for furnishing one new outboard motor of not less than 90 N.O.A. certified brake-horsepower at 4,000 r.p.m., fully equipped and ready for service.

Delivery f.o.b. Stockton.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until June 2 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. C. Hunter, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-226, for furnishing two, brass pipe and rods, galvanized steel, rollers, sheet packing. Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

June 2, 10 A. M.  
 BID NO. 3979—410 ft. galvanized metal pipe; f.o.b. Redding. Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 2, 10 a.m., bids will be received by the Procurement Office, Treasury Dept., Room 514, 49 Fourth St., San Francisco, under Bid No. 3993, for the rental of one 1½-ton flat bed truck with stake sides for hand-loading use, for use on WPA projects.

Delivery f.o.b. 430 Peninsula Ave., San Mateo. Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

May 28, 10 A. M.  
 BID NO. 3978—Paint material; f.o.b. Shafter Migratory Camp, Shafter.

June 3, 10 A. M.  
 BID NO. 3980—Chain link fabric, truss braces, posts, etc.; f.o.b. Castro Valley School, Hayward.

June 4, 10 A. M.  
 BID NO. 3995—124 kerosene stoves, complete; f.o.b. Winters.

BID NO. 3996—185 kerosene stoves, complete; f.o.b. Marysville. Specifications obtainable from the above office.

## ALAMEDA COUNTY

SAN LEANDRO, Alameda Co., Cal.—Until June 7, 4 p.m., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1129 E. 14th St., San Leandro, for furnishing natural rock asphalt for the fiscal year, July 1, 1937, to June 30, 1938.

Specifications obtainable from the above office.

SAN LEANDRO, Alameda Co., Cal.—Until June 7, 4 p.m., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1129 E. 14th St., San Leandro, for furnishing rock and screenings for the fiscal year, July 1, 1937, to June 30, 1938.

Specifications obtainable from the above office.

SAN LEANDRO, Alameda Co., Cal.—Until June 7, 4 p.m., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, 1129 E. 14th St., San Leandro, for furnishing and spreading of oil on street surfaces and/or other public works, for the fiscal year July 1, 1937, to June 30, 1938.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

CLAMPS, 8 anchor cable; San Diego; 18 East of West Yard, Sch. 900-842; June 4.

FUELING unit, one; and one motor truck chassis; Seattle. Sch. 756; June 8.

COTS, 225 canvas folding; Mare Island. Sch. 780; June 8.

CAKE machine, one 80-gt. capacity electrically operated kitchen and cake machine; Seattle. Sch. 771; June 8.

TRUCKS, two motor; Seattle. Sch. 759; June 8.

GRINDER, motor-driven tool-post grinder, motor-driven drill grinder, motor-driven drill point thinning grinder, 5 motor-driven 2-wheel pedestal type grinders; East of West Yard, Sch. 765; June 8.

SAFES, 6 burglar-resisting; Mare Island. Sch. 781; June 8.

SKINS, chamois, 3,400; West Yards, Sch. 793; June 8.

REFRIGERATORS, 9 portable electric, and spares; Mare Island. Sch. 785; June 8.

ROPE, 4,500 ft. steel wire rope, 1 1/4-in. dia.; San Diego. Sch. 797;

FIRE ENGINE, one apparatus, fire, automobile, combination pumping engine with booster tank and hose body, complete; Mare Island. Sch. 824; June 11.

WHEELS, abrasive; East and West Yards. Sch. 749; June 15.

Information obtainable from the above office and from Headquarters, 12th Naval District, Federal Office Building, San Francisco.

## RECLAMATION BUREAU

CASPER-ALCOVA PROJECT, Wyoming.—Until June 15, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 820-E, for furnishing and delivering f.o.b. cars at the shipping point and/or Parco, Wyoming, four 2,500-kv-a, 6,900 to 39,840/69,000 Y-volt transformers; four 667-kv-a, 6,900 to 19,920/34,500 Y-volt transformers; three 300-kv-a, 6,900 to 2,400-volt transformers; three 100-kv-a, 6,900 to 240/120-volt transformers; and one 50-kv-a, 6,900 to 240/120-volt transformers, for installation at the Seminoe power plant, Casper-Alcova Project. All of the apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$0.50, not returnable.

## LOS ANGELES COUNTY

LOS ANGELES, Cal.—Until June 8, 2 P. M., bids will be received by Los Angeles County Supervisors for \$29,300 lbs. reinforced steel for transition structure and valve chamber of Outlet Works, San Gabriel Dam No. 1. The items are:

- (1) 8200 cwt. 1 1/4-in. sq. deformed;
  - (2) 7 cwt. 1 1/8-in. sq. deformed;
  - (3) 12 cwt. 1-in. sq. deformed;
  - (4) 7 cwt. 1-in. round deformed;
  - (5) 1 cwt. 3/4-in. round deformed;
  - (6) 3 cwt. 3/4-in. round deformed;
  - (7) 30 cwt. 5/8-in. round deformed;
  - (8) 20 cwt. 1/2-in. sq. deformed;
  - (9) 1 cwt. 1-in. round deformed.
- Fob trucks or railroad cars, Azusa.

## U. S. FOREST SERVICE

SAN FRANCISCO.—Until June 8, 2 p.m., bids will be received by P. C. Brown, Procurement Officer, Forest Service, 1022 Phelan Bldg., San Francisco, under Bid No. 1096, for furnishing two 6-in. deep well drills designed for drilling 600-ft. wells.

Delivery f.o.b. bidder's shipping point and/or one each f.o.b. Government Island and Glendale.

Specifications obtainable from the above office.

## OAKLAND CITY

OAKLAND, Alameda Co., Cal.—Until June 8, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for furnishing supplies for the fiscal year, including batteries, coal, compression castings on concrete cylinders, concrete pipe, emulsified asphaltic premix for resurfacing, lumber, natural rock asphalt, repairs to permanent street pavement, sewer pipe and fittings, etc.

Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 3, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for (1) 8,000 ft. 12-in. (1D) C I pipe, wall thickness 0.71-in., delivered fob trucks Vesper and Actna St. yard, Van Nuys; (2) 400 ft. 16-in. (1D) 0.68-in. wall thickness, fob Slauson and Compton Ave. yard, Los Angeles. Spec. X-103. Supplementary to Units 1 and 3, PWA Docket 1929-R.

LOS ANGELES, Cal.—Until June 3rd, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for 18 only 600-amp, 34,500-volt, double blade, double throw transfer selector, disconnecting switches, Spec. 2302.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until June 4, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1806, for furnishing paint, painters' supplies, and glass for the term July 1, 1937, to December 31, 1937.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 4, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1802, for furnishing hardware and casings for the term July 1, 1937, to December 31, 1937.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until June 11, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1804, for furnishing valve indicator stem renewals for San Francisco High Pressure Water System.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

June 3, 2 P. M.

BID NO. 4749—New Chevrolet replacement parts, and/or lump sum allowance or cash offer on used equipment; f.o.b. bidder's ship-

ping point and/or Government Island.

BID NO. 4758—New Caterpillar replacement parts, and/or lump sum allowance or cash offer on used equipment; f.o.b. bidder's shipping point and/or Redding.

Specifications obtainable from the above office.

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## IN THIS ISSUE



May S. F. Building Sets New  
1937 Record

♦ ♦ ♦ ♦

*State Opens Bids on Seven Contracts*

♦ ♦ ♦ ♦

**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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JOB  
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# PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

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SAN FRANCISCO, CALIF., JUNE 5, 1937

No. 20

## REA PROJECT FOR LASSEN IS PROPOSED

### Property Owners Organize to Construct New Rural Lines

Residents of rural areas in Plumas, Sierra and Lassen counties, not now receiving central station power, have associated themselves together for the purpose of providing their communities with electric service.

The organization plans to build some 200 miles of transmission and distribution lines to serve approximately 700 consumers.

Power will be bought at wholesale rates from existing utilities, or generated by the co-operative and distributed to the members at cost.

#### Seek REA Funds

Allan Sickler, chief engineer for the project, with offices in Alturas, Calif., will leave shortly for Washington, D. C., where he will make formal application to the Rural Electrification Administration for funds with which to finance the construction of the project.

Engineering work on the Surprise Valley Electrification Corporation's project, for which Mr. Sickler is also engineer, and which is engaged in providing electric power for rural communities in Modoc and Lassen Counties, Calif., and Lake County, Oregon, is progressing rapidly and it is expected surveys will be completed this week.

Plans and specifications for the construction of this project, which includes a 900-h.p. diesel-electric plant and 350 miles of transmission and distribution lines are expected to be completed in about a month.

#### IN NEW QUARTERS

Contractor D. W. Nicholysen, formerly located at 550 Blossom Way, San Leandro, has moved to new quarters at 357 Twelfth street Oakland, he announces. The new telephone number is Glencourt 6526.

## S. F. BUILDING REACHES NEW 1937 PEAK; PERMITS TOTAL \$2,248,000

Reaching a new high for the year and topping every May since 1931, the San Francisco building permit total reached \$2,248,419 this month, according to figures released by Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

In all, 805 permits were issued for all types of construction.

The \$2,248,419 figure was higher than any May permit total since

1931 when permits for construction estimated to cost \$2,853,671 were issued.

The total this month was approximately \$250,000 higher than the May, 1936, figure of \$1,982,633. Eight hundred and five permits were issued this May as compared to 617 for May, 1936.

#### Frames Over \$1,000,000

For the third consecutive month in 1937 the frame building total passed the million dollar mark. This month 240 permits were issued for frame construction valued at \$1,010,076. This was about \$200,000 higher than the May, 1936, frame total of \$865,315.

It was higher than any frame construction total for the month of May since 1929, when permits for construction costing \$1,198,718 were issued. Comparative frame construction totals for 1937 are: January, \$563,126; February, \$716,300; March, \$1,084,678; and April, \$1,137,190.

The building permit total for all types of construction was approximately \$200,000 higher than the March figure of \$2,091,928, the previous high for the year. Other monthly totals are: January, \$1,295,375; February, \$1,219,567; and April, \$1,972,372.

#### 3680 Permits Issued

A tabulation of permit figures for the first five months of 1937 reveals that 3680 permits have been issued for construction costing \$8,757,661. This is almost \$2,000,000 higher than the five month total for 1936 which was \$6,811,594. In the first five months of 1936 3,021 permits were issued.

Included in the 1936 figure are two permits for Golden Gate Bridge and 1939 Exposition work costing \$483,070 in the aggregate. During the entire year of 1936 four permits were issued for World's Fair construction costing \$2,951,514. To date, this year, four permits have

been issued for work estimated to cost \$480,999. This figure should be swelled next month when permits for several large jobs on Exposition Island for which bids have been taken will be asked.

The May, 1937, total of \$2,248,419 is in keeping with the usual trend in building. A check of figures for past years shows that building in San Francisco usually hits its first peak in May, dropping off during the summer, and regaining its stride in September or October.

#### Totals Classified

Following is a classification of permit figures for May, 1937, and May, 1936:

Class	May, 1937		May, 1936	
	No.	Est. Cost	No.	Est. Cost
A	4	\$ 122,900	1	\$ 40,000
B	...	...	1	80,000
C	...	110,500	12	161,443
Frames	240	1,010,076	162	865,315
Alter	551	635,746	438	243,483
Public	2	34,469	2	235,422
Harbor	1	57,775	...	...
1939 Exp.	1	276,953	1	356,970
Total	805	\$2,248,419	617	\$1,982,633

## LEAD INDUSTRIES STANDARDS OUTLINED

A 4-page leaflet containing complete information about the Lead Industries Association standards for lead pipe, traps and bends, and explaining how lead products meeting these standards may be readily identified by means of the "Lead Industries' Seal of Approval" stamped on them, has just been issued by the Lead Industries Association.

Free copies will be supplied upon request to Lead Industries Association, 420 Lexington Avenue, New York, N. Y.

## Hemstreet & Bell Low at \$155,875 for Mendocino Grading; Bechtel Bids Span

SACRAMENTO, June 2.—Hemstreet & Bell, Marysville, at \$155,875.20, submitted the low bid to Chief Engineer C. H. Purcell of the State Division of Highways, for grading and surfacing 3.1 miles of highway in Mendocino County, largest of seven jobs costing \$314,890 in the aggregate, for which bids were opened here today.

Location of the work is between Sapp Creek and Pepperwood School in Mendocino County. Second lowest bidder was D. McDonald, at \$155,875.20, followed by Plombo Brothers and Company, at \$161,572.60.

Second largest job for which bids were opened today, was for the construction of a reinforced concrete girder bridge across Spanish Creek near Quincy, Plumas Co. The bridge will consist of two 30- and six 40-foot spans.

### Bechtel Low

Low bidder on the job was S. D. Bechtel, San Francisco, who submitted a bid of \$41,750.50. F. C. Amoroso & Son was the second lowest bidder, at \$43,925.50, with F. O. Bohnett, third, at \$45,282.18.

Basch Brothers, Torrance, submitted the low bid of \$27,736 to State Engineer Purcell for grading and applying road-mix surfacing on about 2.2 miles between Bishop and Owens River in Inyo county.

Oswald Brothers, Los Angeles, were second lowest bidders, at \$33,022.50, followed by Young & Son Company, Ltd., of Berkeley, at \$33,210.70.

### Contra Costa Job

Frederickson & Watson Const. Co. and Frederickson Brothers, at \$26,613.40, submitted the low bid for about 3.5 miles surfacing with plant-mixed surfacing and constructing and oiling the shoulders between Walnut and 3.5 miles northerly in Contra Costa County.

Jones and King were the second low firm, at \$27,145. Next was Leo F. Piazza, at \$28,306.40.

Four firms submitted bids for surfacing with plant-mixed surfacing and constructing and oiling shoulders on about 3.2 miles of highway between Warm Springs and Irvington in Alameda county, with Jones & King, Hayward, low at \$23,173.75. Other bidders were: Union Paving Co., \$24,978; Leo F. Piazza, \$25,407.25; Chas. L. Harney, \$26,185.

### Monterey Surfacing

Fewest bids were submitted for road-mix surfacing and seal coat on shoulders, and seal coat on portion of existing pavement on about 25.7 miles of highway between San Ardo and King City and between Santa Rita and the northerly boundary, in Monterey County.

Of the two bids submitted, L. A. Brisco, at \$22,251, was low. The Granite Construction Company of Watsonville put in the other bid, at \$22,543.

The smallest job for which bids were opened here today attracted the largest number of bidders. Ten firms submitted bids for grading and applying road-mix surfacing on about eight-tenths of a mile of

## SUNSET ROOFING BIDS POSTPONED

Bids for construction of lining, roof and control works at Sunset reservoir, scheduled for opening June 23, again were postponed by the San Francisco Public Utilities Commission yesterday. The new opening date is July 8.

The second postponement, officials indicated, was authorized as a courtesy to contractors who are figuring the bay Bridge interurban rail terminal contract, for which the State Department of Public Works will open bids June 16. The reservoir lining and roofing contract is the last major job in the city's current program of enlargement of storage facilities.

## Prepare Agreement On Treatment Plant

City Attorney John J. O'Toole this week is expected to draw up an agreement between the Park Commission and the Department of Public Works which will lead to the construction of the Richmond-Sunset Sewage Treatment Plant and a trans-park pipe line, officials announced Saturday.

The plant, to be located in the southwest corner of Golden Gate Park is estimated to cost \$450,000 by City Engineer John J. Casey. The trans-park line which will carry sewage from the Richmond sewage tunnel, now under construction, to the plant, will cost about \$60,000. Plans and specifications for the projects are completed, and action awaits the signing of an agreement between the Park Commission which has jurisdiction over Golden Gate Park, and the Department of Public Works, designers of the project.

Just published by the McGraw-Hill Book Company, 330 West 42nd street, New York, is volume one of the three volume set, "Reinforced Concrete Construction."

This is the fourth edition of volume one, "Fundamental Principles," and is entirely up-to-date, according to the publishers. Originally written by George A. Hool, the book has been revised by H. E. Pulver. The price is \$4.00.

Highway and constructing a timber bridge, east of Menolith.

## DEATH CLAIMS C. H. SNYDER, S. F. ENGINEER

Noted Consulting Engineer  
Dies at 71; Spent 35  
Years in S. F.

Death last week brought to a close the career of Christopher Henry Snyder, 71, bay region consultant for more than two decades and one of America's most distinguished structural engineers.

Funeral services were held Friday for the man who designed scores of San Francisco buildings and left his mark on the engineering profession from New York to Honolulu.

Born in Fulton, Illinois, in 1866, he attended the University of Illinois, graduating with a B. S. degree in civil engineering. After graduation he worked for many of the nation's largest firms as draftsman and consultant until 1901.

In that year he went to Honolulu where he acted as a contracting engineer for two years.

### Contracting Engineer

In 1902 he first took up residence in the bay region. He was a contracting engineer for 10 years, then in 1912 opened an office as a designing and consulting engineer.

It was during his career in San Francisco that he invented and patented the "Flat slab-steel frame."

He aided in the designing of many of the region's most important structures, the San Francisco city hall being the most widely known. For the Panama-Pacific Exposition he designed the Horticultural Building.

He was noted as a designer of school buildings, aiding with plans for twenty-five modern schools for the San Francisco Board of Education, alone. Other outstanding examples of his work in this field are to be found at Stanford University where he designed dormitories and other structures.

**Federal Office Building**  
One of his most recent projects was the new Federal Building in the Civic Center.

Honored by his profession, he was past-president of the Engineers' Club, the San Francisco Section of the American Society of Civil Engineers, the Structural Engineers' Association of Northern California, and the Pacific Association of Consulting Engineers.

He was also a member of the Commonwealth Club, the Kiwanis, the Claremont Country Club, and the Mt. Diablo Country Club.

He is survived by his wife, three sons, Henry R., William C., and John Robert Snyder, and a daughter, Helen Snyder Wood.

Shipments of fire extinguishing equipment for April, 1937, amounted to 74 units, a substantial gain over the shipments totalling 53 for the same month in 1936, according to the monthly report of the Bureau of Census.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No. Owner	Contractor	Am't.
1402 Coffee	Irwin	1200
1403 Coleman	Irwin	1450
1404 Concrete	Owner	1200
1405 Harlan	Owner	5000
1406-08 Herzig	Owner	4000
1409 Kay	Sharboro	9000
1410 Lewis	Rousseau	5000
1411 Pies	Owner	3000
1412 Evers	Owner	4000
1413 Evers	Owner	4000
1414 Herzig	Owner	4000
1515 Nelson	Owner	6000
1416 Nelson	Owner	6000
1417 Reilly	Mattock	2000
1418 White	Dinwiddie	40000
1419 Grinnell	Getting	1000
1420 Ruben	S F Bldg	2000
1421 Siml	Rossi	1000
1422 Smit	Coburn	3000
1423 S P Co	Owner	10000
1427-27 Standard	Owner	3500
1428 Cambridge	Owner	4500
1429 Collins	Van Aalst	1250
1430 Frattessa	Owner	2900
1431 Pac Gillespie	Grant	4000
1432 Palmer	Owner	4000
1433 Piccardo	Robinson	1000
1434 Sergio	Owner	3500
1435 Bigelow	O'Neill	2400
1436 Calbar	Barrett	10000
1437 Capral	Langfelder	2000
1438 Cordes	Owner	20000
1439 Crisci	Crisci	6500
1440 Dahlstrom	Owner	3500
1441 Gilbay	Jensen	15000
1442 Hallgren	Owner	4000
1443 B. Lindsay	Owner	4500
1444-45 C. Lindsay	Owner	3500
1449 C. Lindsay	Owner	3850
1450 McBride	S.F. Bldg.	2000
1451 Michael	Owner	6000
1452 R. C. Arch.	Owner	2500
1453 Stagnaro	McCabe	5000
1454 Torre	Soracco	1850

### ALTERATIONS

(1402) 571 WALLER Street. Alter dwelling.  
Owner—E. Coffee, premises.  
Contractor—J. J. Irwin, 1040 Oak St.  
Architect—Not Given. \$1200

### ALTERATIONS

(1403) 2717 PACIFIC AVE. Alter dwelling.  
Owner—Sybil Coleman, premises.  
Contractor—J. J. Irwin, 1040 Oak St.  
Architect—Not Given. \$1,450

### ALTERATIONS

(1404) E IOWA 175 S 23rd Street. Alter warehouse.  
Owner—Concrete Engr. Co., 1280 Indiana Street.  
Architect—Not Given. \$1200

### DWELLING

(1405) W 25th AVE. 75 S Rivera. One - story and basement frame dwelling.  
Owner and Builder—H. F. Harlan, 225 Hyde Street.  
Architect—Not Given. \$5,000

### DWELLING

(1406) N CRESTLAKE DRIVE 256 NW Sloat Blvd. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larsen, 333 Kearny Street. \$4,000

### DWELLING

(1407) INTER NE LINE BLK 3528 with N line Sloat Blvd. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larsen, 333 Kearny Street. \$4,900

### DWELLING

(1408) N CRESTLAKE DRIVE 223 NW Sloat Blvd. One-story and basement frame dwelling.  
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.  
Architect—A. H. Larsen, 333 Kearny Street. \$1,000

### DWELLING

(1409) NW COR. BROADWAY and Scott. Two-story and basement frame dwelling.  
Owner—Willard Kay, 114 15th Ave.  
Contractor—Sharboro and Jorgensen, 207 Walnut Street.  
Architect—John Ahnden, 822 39th Avenue. \$9,000

### DWELLING

(1410) W ROSELYN TR. 115 S Turk. Two-story and basement frame dwelling.  
Owner—A. E. Lewis, 321 Kearny St.  
Contractor—Oliver M. Rousseau, Inc. 321 Kearny Street.  
Architect—Wm. Gunnison, 321 Kearny Street. \$5,000

### ALTERATIONS

(1411) 1218 12th AVE. Alter dwelling.  
Owner and Builder—D. Pies, c/o architect.  
Architect—F. F. Amandes, 411 Dewey Boulevard. \$3,000

### DWELLING

(1412) W 37th AVE. 25 S Sanitago. One - story frame dwelling and basement.  
Owner and Builder—Kenneth Evers, 97 San Pablo Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

### DWELLING

(1413) W 37th AVE. 50 S Santiago. One - story frame dwelling and basement.  
Owner and Builder—Kenneth Evers, 97 San Pablo Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

### DWELLING

(1414) N CRESTLAKE DR. 190 NW Sloat Blvd. One - story frame dwelling and basement.  
Owner— and Builder—A. J. Herzig, 700 Sloat Blvd.  
Architect—A. H. Larsen, 333 Kearny Street. \$4,000

### DWELLING

(1415) W 19th AVE. 400 S Sloat Blvd. One-story frame dwelling and basement.  
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.  
Architect Not Given. \$6,000

### DWELLING

(1416) W 19th AVE 350 S Sloat Blvd. Two-story frame dwelling and basement.  
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.  
Architect—Not Given. \$6,000

### ALTERATIONS

(1417) 3970 CLAY ST. Alter dwelling.  
Owner—E. T. Reilly, Jr., 79 Lake St.  
Contractor—A. T. Mattock, 212 Clara.  
Architect—Leslie I. Nichols, 552 Emerson St. Palo Alto. \$2,000

### ALTERATIONS

(1418) N CALIFORNIA and Battery St. Alter office bldg.  
Owner—White Investment Co., 200 California St.  
Contractor—Duciddie Const. Co., 210 Crocker Bldg.

Architect—Warren C. Perry, 260 California Street.  
Engineer—T. Ronneberg, Crocker Bldg. \$10,000

### ALTERATIONS

(1419) 601 BRANNAN ST. Alter warehouse.  
Owner—Grinnell Co, premises.  
Contractor—H. T. Gettins Co., 265 13th Street.  
Architect—Not Given. \$1,000

### ALTERATIONS

(1420) 430 POST ST. Alter store.  
Owner—Ruben Furs, 352 Post St.  
Contractor—S. F. Bldg. & Const. Co., 2212 Folk St.  
Architect—Not Given. \$2,000

### ALTERATIONS

(1421) 111 PEABODY. Alter dwelling.  
Owner—Mr. Siml, 109 Peabody St.  
Contractor—F. Rossi, 1835 Stockton.  
Architect—Not Given. \$1650

### ALTERATIONS

(1422) 3328 CLAY ST. Alter dwelling.  
Owner—B. Smith, c/o contractor.  
Contractor—J. W. Coburn, 2048 Market Street.  
Architect—Not Given. \$3,000

### ALTERATIONS

(1423) 65 MARKET ST. Alter offices.  
Owner—Southern Pacific Co., prem.  
Plans by J. H. Christie, 65 Market St. \$10,000

### DWELLING

(1424) W 32nd AVE. 250 S Judah St. One - story and basement frame dwelling.  
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

### DWELLING

(1425) W 32nd AVE. 275 S Judah. One - story and basement frame dwelling.  
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

### DWELLING

(1426) E 4th AVE 275 S Lawton. One - story and basement frame dwelling.  
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

### DWELLING

(1427) E 4th AVE. 150 S Lawton. One - story and basement frame dwelling.  
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

### DWELLING

(1428) NE IRVING & 4th AVE. One-story frame dwelling.  
Owner—Hla M Cambridge, 4620 Irving.  
Architect—Not Given. \$1,000

### ALTERATIONS

(1429) 1628 GREAT HIGHWAY. Alter flats.  
Owner—R. E. Collins, 1632 Great Highway.  
Contractor—B. Geo Van Aalst, 101 West Portal.  
Architect—Not Given. \$1250

### DWELLING

(1430) S TEDDY 50 E DELTA. One-story frame dwelling.  
Owner J. S. Frate 3, 1732 Florida.  
Architect—Not Given. \$2900

**ALTERATIONS**  
(1431) NW HOWARD & HOLLAND.  
Alter service station.  
Owner—Pacific Gillespie Co., 79 New  
Montgomery.  
Contractor—Grant-Martineil Constr.  
Co., 44 Mary St.  
Architect—Not Given. \$4000

**DWELLING**  
(1432) E 4TH AVE, 125 S JUDAH.  
One-story frame dwelling.  
Owner—S. J. Palmer, 67 1st St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(1433) 1353 19TH AVE. Alter dwell-  
ing.  
Owner—Mary Piccardo, Prem.  
Contractor—Robinson & Johnston, 180  
Oak.  
Architect—Not Given. \$1000

**DWELLING**  
(1434) E. 34TH AVE, 30 N. IRV-  
ING. One-story frame dwelling.  
Owner—O. Sergio, 552-A Castro.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(1435) SE COR TENTH & MAR-  
KET. Alter store.  
Owner—Bigelow Sanford Carpet Co.,  
180 New Montgomery St.  
Contractor—Daniel O'Neil, 273 Minna  
St.  
Architect—Not Given. \$2400

**WAREHOUSE**  
(1436) SE SIDE 18TH & MINNE-  
SOTA. Two-story warehouse.  
Owner—Calbear Canneries, 600 Minne-  
sota St.  
Contractor—Barrett & Hulp, 918 Har-  
rison St.  
Engineer—W. H. Ellison, 712 Pacific  
Bldg. \$10,000

**ALTERATIONS**  
(1437) NE COR BUCHANAN AND  
GEARY STS. Alter garage.  
Owner—Capital Co., 625 Market St.  
Contractor—Langfelder & Schuster,  
280 Wawona St.  
Plans by Capital Co., 625 Market St.  
Engineer—L. H. Nishkian, Under-  
wood Bldg. \$2000

**ALTERATIONS**  
(1438) SW HYDE AND GREEN-  
WICH STS. Alter dwelling.  
Owner—W. F. Cordes, 126 Post St.  
Architect—Ellis & Fairweather, 1008  
Baiboa Bldg. \$20,000

**DWELLING**  
(1439) SE SIDE CHENEY, 78 SW  
MIGUEL. Two-story and base-  
ment frame dwelling.  
Owner—Rose Crisel, 467 Cheney St.  
Contractor—Joseph Crisel, 801 Filbert  
St.  
Architect—Not Given. \$6500

**DWELLING**  
(1440) NW COR SWISS AND SUS-  
SEX. One-story and basement  
frame dwelling.  
Owner—G. Dahlstrom, 160 Castro St.  
Architect D. B. Bokkowitz, 425 Mont-  
terey Bld. \$3500

**DWELLING**  
(1441) S SIDE MARINA BLVD.,  
188 FT E BRODERICK. Two-  
story frame dwelling.  
Owner—Thomas W. Gilboy, 666 Els-  
ls St.  
Contractor—G. P. W. Jensen & Son,  
Inc., 320 Market St.  
Architect—Sidney A. Colton, 544 Mar-  
ket St.  
Engineer—Walter Huber, 1 Mont-  
gomery St. \$15,000

**DWELLING**  
(1449) W SIDE 12TH AVE, 390 FT  
N TARAVAL ST. One-story and  
basement frame dwelling.  
Owner—A. Hallgren, 1594 29th Ave.

Architect — A. Hallgren, 1594 29th  
Ave. \$4000

**DWELLING**  
(1443) W ALEMANY BLVD., 125 N  
LYLE. One-story and basement  
frame dwelling.  
Owner—Boyd C. Lindsay, 183 Ox-  
ford.  
Architect—Not Given. \$4500

**DWELLING**  
(1444) E 38TH AVE, 75 N KIRK-  
HAM. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3500

**DWELLING**  
(1445) W 35TH AVE., 175 S SAN TI-  
AGO. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3500

**DWELLING**  
(1446) E 38TH AVE, 25 N KIRK-  
HAM. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3500

**DWELLING**  
(1447) E 38TH AVE, 100 N KIRK-  
HAM. One-story frame dwelling  
and basement.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3500

**DWELLING**  
(1448) E 38TH AVE, 50 N KIRK-  
HAM. One-story frame dwelling  
and basement.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3500

**DWELLING**  
(1449) NE 35TH AVE. & KIRK-  
HAM. One-story and basement  
frame dwelling.  
Owner—C. T. Lindsay, 820 Tara-  
val.  
Contractor—C. T. Lindsay, 820 Tara-  
val.  
Architect—Not Given. \$3550

**ALTERATIONS**  
(1450) 2208 POLK ST. Alter flats.  
Owner—C. McBride, 2212 Polk St.  
Contractor—S. F. Bldg. & Const. Co.,  
2212 Polk St.  
Architect—Not Given. \$2000

**DWELLING**  
(1451) W APTOS AVE, 85 NORTH  
OCEAN AVE. Two-story and  
basement frame dwelling.  
Owner—Michael & Bomerer, 762 De  
Haro St.  
Architect—Conrad T. Kett, Clunie  
Bldg., 519 California St. \$6000

**ALTERATIONS**  
(1452) 3255 FOLSOM. Alter auto-  
rium.  
Owner—Roman Catholic Archbishop  
of San Francisco, 1100 Franklin  
St.  
Architect—John J. Foley, 770 5th  
Ave. \$2500

**DWELLING**  
(1453) S SIDE ONIEDA AVE, 158  
FT W OTSEGO AVE. One-story  
and basement frame dwelling.  
Owner—Joseph Stagnaro, 161 Onieda  
Ave.  
Contractor—James W. McCabe, 716  
Ulton St.  
Architect—Donnel Jaekle, 126 Post  
St. \$5000

**ALTERATIONS**  
(1454) SE STOCKTON AND FIL-  
BERT. Alter office.  
Owner—A. A. Torre, 3036 Baker.  
Contractor—F. A. Soracco, 127 30th  
St.  
Architect—Not Given. \$1850

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
976	Witt	Badding	5500
977	Renz	Walstrom	13000
978	Shand	Walstrom	1500
979	Cameron	Owner	4000
980	Cianciarulo	Groden	1200
981	Hickey	Haubert	7300
982	Nichoils	Marconi	4070
983	Standard	Owner	2070
984	Armstrong	Morse	1850
985	Dahl	Smith	1983
986	Baltzer	Badding	5000
987	Guaranty	Owner	1000
988	Piper	Owner	1500
989	S P Co	Owner	1300
990	La Fontaine	Owner	5900
992	Carter	Peterson	5900
993	Brown	Owner	1400
994	Central	Garvey	1150
995	Henrickson	Ohlsen	5000
996	Bunt	Rose	4000
997	Amer. Trust	Swanstrom	5900
998	Carlson	Owner	3000
999	Hayes	Armstrong	6500
1000	Magnuson	Bergh	5400
1	Soder	Owner	7500
2	Wong	Yick	1000

**RESIDENCE**  
(976) 316 SCENIC AVE, PIED-  
MONT. Two-story 6-room res-  
idence and garage.  
Owner—Walter W. Witt, 262 Sencle  
Ave, Piedmont.  
Contractor—N. Badding, 204 Garcia  
St., San Leandro.  
Architect—Not Given. \$5500

**RESIDENCE**  
(977) 41 LAFAYETTE AVENUE,  
PIEDMONT. Two-story 9-rm.  
residence and garage.  
Owner—Kenneth Renz, 7 Muir Ave.,  
Piedmont.  
Contractor—Carl Walstrom, 1447 Ex-  
celsior, Oakland.  
Architect—Albert Farr.

**REPAIRS**  
(978) 127 WILDWOOD GARDENS,  
PIEDMONT. Repairs to resi-  
dence.  
Owner—E. B. Shand, 127 Wildwood  
Gardens, Piedmont.  
Contractor—Carl Walstrom, 1447 Ex-  
celsior, Oakland.  
Architect—Not Given. \$1500

**DWELLING**  
(979) 41 EL PATIO, OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—L. S. Cameron,  
325 Park View Terr.

**REPAIRS**  
(980) 259 12TH ST., OAKLAND.  
Fire repairs.  
Owner—J. A. Cianciarulo, 936 Broad-  
way.  
Contractor—J. J. Groden, 1520 Morton  
St., Alameda.  
Also fire repairs at 263-65 12th  
St., \$300.  
Architect—Not Given. \$1200

**DWELLING**  
(981) NE COR MELVILLE DRIVE  
AND WALDECK COURT, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—T. F. Hickey, 3707 Atlas Av-  
enue.  
Contractor—Gaubert Bros., 4735  
Brookdale Ave.

**DWELLING**  
(982) 6235 HARMON AVE, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—R. A. Nichols, Prem.  
Contractor—C. A. Marconi, 442 Pac-  
ific Ave, Alameda.  
Architect—R. F. Keefe, 585 Man-  
dana Blvd. \$4070

**OWNER STATION**  
(983) 5276 BROADWAY, OAKLAND  
One-story steel service station.

Owner & Builder—Standard Oil Co., 1501 Financial Center Bldg. Architect—Not Given. \$2000

**ADDITIONS**  
(984) 1191 EUCLID AVE., BERKELEY, Additions.  
Owner—Mrs. Armstrong, premises.  
Contractor—T. O. Morse, 1342 Euclid Ave., Berkeley. Architect—Not Given. \$1500

**ALTERATIONS**  
(985) 2400 BANCROFT WAY, BERKELEY, Alterations.  
Owner—Dull Estate.  
Contractor—H. C. Smith, 2011 Francisco Street. Architect—Not Given. \$1983

**ALTERATIONS**  
(986) 2578-82 HOPKINS ST., OAKLAND, Alterations and addition.  
Owner—Wm. S. M. Baltzer, 3015 Wisconsin St., Oakland.  
Contractor—N. Badding, 204 Garca Ave., San Leandro. Architect—Not Given. \$5,000

**ALTERATIONS**  
(987) 425 BELLEVUE AVE., OAKLAND, Alterations.  
Owner and Builder—Guaranty Home Bldg. Co., 3275 Morcom Avenue, Oakland. Architect—Not Given. \$1,000

**ADDITIONS**  
(988) 2120 FUNSTON PLACE, OAKLAND, Addition.  
Owner and Builder—Carl F. Piper, 2120 Funston Place, Oakland. Architect—Not Given. \$1,500

**ADDITIONS**  
(989) FOOT OF WOOD ST., OAKLAND, Addition.  
Owner and Contractor—Southern Pacific Co., Oakland Pier, Oakland. Architect—Not Given. \$1,300

**DWELLING**  
(990) 6191 LAIRD AVE., OAKLAND, Two-story 6-room dwelling.  
Owner and Builder—V. M. La Fontaine, 2177 Rosedale Ave., Oakland. Architect—Not Given. \$5,900

**DWELLING**  
(991) 3133 BROOKDALE AVENUE, OAKLAND, One-story five-room dwelling.  
Owner—E. Alten, 3121 Brookdale Avenue, Oakland.  
Contractor—A. E. Waldman, 5409 Foothill Blvd., Oakland. Architect—Not Given. \$3,500  
Also, 1-story garage, \$250.

**DWELLING**  
(992) 1340 HOPKINS ST., BERKELEY, One-story 10-room frame duplex dwelling and garage.  
Owner—G. V. Carter, 955 Ordway, Berkeley.  
Contractor—G. Peterson, 516 Pomona, Berkeley. Architect—Not Given. \$5900

**ALTERATIONS**  
(993) 2966 DELAWARE ST., OAKLAND, Alterations and additions.  
Owner and Builder—E. E. Brown, 2966 Delaware St., Oakland. Architect—Not Given. \$1,400

**ALTERATIONS**  
(994) SW COR 14th and Jefferson Sts., Oakland, Alterations to sidewalk.  
Owner—Central Bank.  
Contractor—T. J. Garvey, 4520 Harvard Drive, Oakland. Architect—Not Given. \$1,150

**DWELLING**  
(995) 3572-74 GRAY ST., OAKLAND, One-story eight-room 2-family dwelling.

Owner—E. Henriksson, 3572 Gray St., Oakland.  
Contractor—Gus Ohlsen, 23152 South Garden Ave., Hayward. Architect—Not Given. \$5,000

**DWELLING**  
(996) 1344 CURTIS, BERKELEY, One-story 6-room frame dwelling and garage.  
Owner—E. M. Hunt, 1342 Curtis.  
Contractor—G. P. Rose, 1632 Grant. Architect—Not Given. \$1000

**ALTERATIONS**  
(997) 3242 GRAND AVE., OAKLAND, Alterations.  
Owner—American Trust Co., 491 California St., San Francisco.  
Contractor—Geo. Swanstrom, 1615 78th Ave. Architect—Not Given. \$5000

**DWELLING**  
(998) 1336 E 33RD ST., OAKLAND, One-story 5-room dwelling.  
Owner & Builder—A. W. Carlson, 315 Bruce St.  
Also 1-story garage, \$185. Architect—Not Given. \$3000

**DWELLING**  
(999) 1651 TRESTLE GLEN ROAD, OAKLAND, Two-story 6-room dwelling.  
Owner—F. E. Hayes, Prem.  
Contractor—J. R. Armstrong, 1131 Fleet Road. Architect—Not Given. \$6500

**DWELLING**  
(1000) 4059 OAKMORE RD., OAKLAND, One-story 5-room dwelling.  
Owner—Arlrick Magnuson, 1113 McKinley Ave.  
Contractor—Elmer Bergh, 906 Filbert St. Architect—C. H. Treichel, 696 Cleveland Ave. \$5400

**DWELLING**  
(1) 4311 SEQUOYAH RD., OAKLAND, Two-story 7-room dwelling.  
Owner & Builder—Oscar Soder, 841 Arlington St.  
Also 1-story garage, \$200. Architect—Not Given. \$7500

**ALTERATIONS**  
(2) 810 WEBSTER ST., OAKLAND, Alterations.  
Owner—Artin Wong, Prem.  
Contractor—Frank Yick, 300 8th St. Architect—Not Given. \$1000

**BUILDING CONTRACTS ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
61	Mitchell	Glynn	9516
65	U C	Dinwiddle	

**RESIDENCE**  
(61) 307 367, BLK T, FERNSIDE, ALAMEDA, One-story frame residence and garage.  
Owner—Wm. A. Mitchell.  
Architect—Williams & Wastell.  
Contractor—Henry Glynn.  
Filed May 27, '37. Dated May 8, '37.  
75% labor and material on or before 5th day each month.  
25% usual 35 days.  
TOTAL COST, \$9516  
Limit, 300 days. Plans and specifications filed.

**RADIATIONS BLDG**  
(65) 3 C (AMFUS, Berkeley, Radiations Building.  
Owner—University of California.  
Architect—Harry A. Thomsen, Jr., 315 Montgomery St., San Francisco.  
Contractor—Dinwiddle Const. Co., 210 Crocker Bldg., San Francisco.

Filed, May 27, '37. Dated, May 21, '37.  
Contract on 74 1/2% super-who's basis  
TOTAL COST Not Given  
Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS**

FLUES, \$240; N Jackson 217 East Spruce; owner, Mrs. Jos. Ehrman care contractor; contractor, L. Davison, 1250 9th Ave.  
ALTER flats, \$150; 1152-69 Washington; owner, Washington-Mason Co., care contractor; contractor, Carl J. Fung & Co., 719 1/2 Sacramento.

ALTER printing plant, \$500; 655 Commercial St.; owner, Salter Bros., 655 Commercial St.  
ALTER market, \$980; 2659 Mission; owner, M. Gunst and J. Coleman Gunst Bldg.; contractor, Fink & Schindler Co., 352 Brannan.

ALTER dwelling, \$400; 224 E. 17th; owner, Frank Eckart, premises; contractor, Geo. M. Segursion, 282 Oak St.  
ALTER retaining wall, \$60; 748 Lane St.; owner, Mrs. Juanita Diaz, 748 Lane.

ALTER store, \$300; 456 Castro St.; owner, Dr. W. Chase, premises.  
SIGN, electric, \$250; 854 Washington St.; owner, Ligea Won, premises; contractor, Wunderlich Neon Products Co., 170 Otis St.

ALTER dwelling, \$185; 122 Ellis; owner, Al Silverstein, 591 15th Ave., contractor, Joseph Muhy, 1543 Lincoln Way; plans by Al Silverstein, 591 15th Ave.

ALTER dwelling, \$400; 626 29th Ave.; owner, Mrs. E. Farzey, 1000; contractor, Barrett & Hill, 918 Harrison St.  
DWELLING, 1-story frame, \$200; S side Leland, 127 Alpha & Peabody, owner, Domenick Fote, 570 Leland.

ALTER store, \$550; 827 Cortland Ave.; owner, George Macchia, Prem.; contractor, Carl Frank Co., 305 Bocana St.  
ALTER apartments, \$10,000; 2310 Chestnut St.; owner, J. B. and S. V. Rothschild, 41 Sutter St.

Contractor, W. C. Alsand, 225 Cervantes Blvd.; architect, Hyman Appleton, 68 1/2 Post St.; engineer, W. Ahean, 417 Market.  
ALTER dwelling, \$400; 214 Bon View St.; owner, A. W. Grassel, 214 Bon View St.

ALTER dwelling, \$250; N 7 Wool St.; owner, Erik A. Brann, 98 Anderson St.  
SIGN, electric, \$25; 190 Hyde Street; owner, Texas Co., Hearst Bldg.; contractor, Aetna Electric Co., 1435 Eddy St.

ALTER apartments, \$333; 2424 Steiner St.; owner, Malm Estate, c/o Madison & Burke, 80 Post St.; contractor, Michel & Pfeffer Iron Works, Inc., 1415 Harrison St.; plans by Michel & Pfeffer Iron Works, Inc.

ALTER store, \$500; 555 Hayes St.; owner, Henry Ernst & Sons, 551 Hayes.  
ALTER flats, \$400; 2806 Jackson St.; owner, Honora M. Robinson, 2309 Divisadero.  
ALTER office building, \$900; 111 Sutter St.; owner, Montgomery & Sutter Bldg. Co., 111 Sutter St.

ALTER retaining wall, \$100; Corner Powell and Filbert Sts.; owner, Sallesian Fathers, 656 Filbert St.; contractor, G. B. De Luch, 4 Sharp Pl.  
SIGN, electric, \$150; 1 Sloat Blvd.; owner, Luminad Corp. and Stone-son Bros., 5835 Third St. and 1 Sloat Blvd.; contractor, Luminad Corp., 5835 Third St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants       |
| 2.—Bands                        | 12.—Power Plants                      |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and |
| 4.—Factories and Warehouses     | 14.—Residences                        |
| 5.—Flats                        | 15.—Schools                           |
| 6.—Garages and Service Stations | 16.—Banks, Stores and                 |
| 7.—Federal Buildings            | 17.—Theatres                          |
| 8.—Club Buildings               | 18.—Wharves & Docks                   |
| 9.—Hospitals                    | 19.—Misc. Const.                      |
| 10.—Hotels                      | 20.—Misc. Supplies &                  |

### 1—APARTMENTS

**Owner Taking Sub-Bids**  
**APARTMENTS** Cost, \$15,000  
**BURLINGAME**, San Mateo Co., Cal.  
 125 Highland Ave.

Two-story frame and stucco apartment building containing ten 2-room apartments in main building, and two 2-room apartments in annex, steel and cast-iron composition shingle roof, hot water heating system, hardwood floors, tile baths, etc.

**Owner—W. J. Dessin**, 121 Highland Ave.  
**Architect—D. E. Jaekle**, 126 Post St., San Francisco.

**Contract Awarded**  
**APARTMENTS** Cost, \$12,000  
**SAN MATEO**. Lot 5, Blk 4, Avila St.

Apartment building.  
**Owner—R. Claxton**.  
**Architect—Not Given**.  
**Contractor—Roy Gover**, 1225 San Carlos Ave., San Carlos.

**Owner Taking Segregated Bids**  
**ALTERATIONS AND ADDITIONS** Cost, \$22,000  
**SAN FRANCISCO**. 1450 Clay St.

Alterations and additions to frame apartment building consisting of installation of fifteen 2 and 3-room apartments, 10 garages, asphalt roof, electric refrigeration plant, steam heating plant, cabinets in kitchens, etc.

**Owner—Marie J. Foss**, 707 Mission St.  
**Architect—Not Given**.

**Owner is now taking segregated bids on all portions of the work.**

**Plans Completed**  
**APARTMENTS** Cost, \$...  
**WATSONVILLE**, Santa Cruz Co., Cal.  
 Hyde Park Tract, Middlefield Lane.

Two-story frame and stucco apartment building (eight 4-rm. apts.) flanked by two 6-room residences hardwood floors, tile baths, etc.

**Owner—Withheld**.  
**Architect—Wm. E. Schirmer**, Bank of America Bldg., Oakland.

Plans will be figured by a selected list of contractors within a few days.

**To Be Done By Day's Work**  
**DUPLEX APTS.** Cost, \$7,500  
**MILLBRAE VILLA**, San Mateo Co.

Lot 1, Blk 21, Millbrae Ave.  
**Duplex apartment house.**  
**Owner & Builder—N. E. Czaplak**, 803 Prospect Row, San Mateo

**Plans Completed**  
**APARTMENT HOUSE** Cost, \$...  
**GILROY**, Santa Clara Co., Calif.  
 New apartment house.

**Owner—Withheld**.  
**Architect—Edward W. Kress**, 402 1st National Bank Bldg., San Jose.  
 Bids will be asked shortly.

### 3—CHURCHES

**Preparing Working Drawings**  
**ALTERATIONS** Cost, \$18,000  
**LOS GATOS**, Santa Clara Co., Calif.  
 Alterations to church (interior and exterior alterations).

**Owner—Presbyterian Church**, Los Gatos.

**Architect—E. P. Whitman**, 54 Cleland Avenue, Los Gatos.

Plans will be completed in about one week or ten days and general bids asked of a selected list of local contractors.

**Bids Opened**  
**CHURCH** Cost, \$.....  
**NOVATO**, Marin Co., Calif. Second St. and Grant Ave.

**New Our Lady of Loretto Church.**  
**Owner—Roman Catholic Archbishop** 1100 Franklin St., San Francisco.

**Architect—Henry A. Minton**, Underwood Bldg., San Francisco.

**Low Bidder—Moore & Roberts**, 693 Mission St., San Francisco, \$16,379.

Complete bids follow:  
**Moore & Roberts, S. F.** ..... \$16,379  
**The Miller Const. Co., S. F.** ..... 16,516  
**L. Bormolini, Novato** ..... 17,496

**Contracts Awarded**  
**CHURCH PULPIT** Cost, \$3,600  
**SAN FRANCISCO**. Mission St near Fourth Street.

New marble pulpit for St. Patrick's Church.

**Owner—Roman Catholic Archbishop** of San Francisco, 1100 Franklin Street.

**Architect—Arnold Constable**, 580 Market Street.

Daparto Statutory Co., Chicago, awarded contract for supplying the marble, and Albert Bernasconi, 2522 Octavia St., San Francisco, awarded contract for erecting same.

**Plans Being Figured**  
**REMODEL CHURCH** Cost, \$3,000  
**SAN LEANDRO**, Alameda Co., Calif.

Remodel church building (new choir pews, pulpits and communion table).

**Owner—Withheld**.  
**Architect—Geo. Patton Simonds**, 80 Main St., Hayward.

Plans are being figured by a selected list of contractors.

### 4—FACTORIES & WAREHOUSES

**To Be Done By Day's Work**  
**WAREHOUSE & OFFICES** Cost, \$.....

**BAKERSFIELD**, Kern Co., Calif.  
 Warehouse & office building (warehouse portion will have reinforced concrete walls and wood roof construction; office portion will be wood frame construction).

**Owner—Republic Supply Company**.  
**Architect—John and Donald B. Parkinson**, 808 Title Insurance Bldg., Los Angeles.

**Supt. of Construction—Guy Barton**, 1151 Cherry Ave., Long Beach.

**Pacific Crane & Rigging Co.**, 6800 S. Alameda, Huntington Park, will save an existing building from the site.

**To Be Done By Day's Work**  
**PACKING PLANT** Cost, \$17,000  
**CHICO**, Butte Co., Calif. SE Cor. of Twelfth and Park Avenue.

Corrugated fruit packing plant.  
**Owner—Sacramento Northern Railway** (J. B. Rowray, general manager).

**Lessee—Lambert Packing Company**, Sacramento.  
**Architect—Not Given**.

**CONTRACT AWARDED**  
**HUNTINGTON PARK**, Los Angeles Co., Calif.—Reno Sheet Metal Co. awarded contract for structural steel and W. O. Gray for concrete work for a factory building to be built at 5616 Bickett St., Huntington Park, for Pacific Pump Co.; W. M. Bostock, structural engineer, 6221 Pacific Blvd., Huntington Park.

**CONTRACT AWARDED**  
**LOS ANGELES**, Calif.—A. V. Perkinson, 2975 S. Vermont Ave., awarded contract for construction of a warehouse and factory for Pacific Crayon Co. and construction of a factory for W. C. Hardesty Co., both at 5600 E. 61st St. W. M. Bostock, struc. eng., 6221 Pacific Blvd., Huntington Park.

**CONTRACT AWARDED**  
**LOS ANGELES**, Calif.—A. V. Perkinson, 2975 S. Vermont Ave., awarded contract for construction of a warehouse and factory for Pacific Crayon Co. and construction of a factory for W. C. Hardesty Co., both at 5600 E. 61st St. W. M. Bostock, struc. eng., 6221 Pacific Blvd., Huntington Park.

**BIDS WANTED**  
**GLENDALE**, Los Angeles County, Calif.—W. R. Ray, c/o Luffing Machine Co., 1637 Compton Ave., Los Angeles, is taking bids for a new factory building to be built on a 12-acre site at Allen and Flower Streets, Glendale, for General Controls Co. Cost, \$50,000.

**Contract Awarded**  
**ADDITION** Cost, \$16,000  
**FRESNO**, Calif. 920 M St. Addition to warehouse.

**Owner—Tay-Holbrook Co.**, 920 M St. **Architect—Not Given**.  
**Contractor—Richmond Constr. Co.**, 1379 Adoline St.

**Planned**  
**BOTTLING PLANT** Cost, \$75,000  
**STOCKTON**, San Joaquin Co., Calif. Wilson Way and Roosevelt St.

New two-story Coca-Cola bottling plant.  
**Owner—Coca-Cola Company** (E. H. Wemyss, Pres. of Plant).  
**Architect—Not Given**.

**Contract Awarded**  
**WAREHOUSE** Cost, \$12,000  
**MINNESOTA**, SE 18th and Minnesota Streets.

Two-story frame warehouse.  
**Owner—Calbar Canneries**, 600 Minnesota Street.  
**Engineer—W. H. Ellison**, 712 Pacific Building.  
**Contractor—Barrett & Hilp**, 918 Harrison Street.

**Contract Awarded**  
**WAREHOUSE** Cost, \$12,000  
**MINNESOTA**, SE 18th and Minnesota Streets.

Two-story frame warehouse.  
**Owner—Calbar Canneries**, 600 Minnesota Street.  
**Engineer—W. H. Ellison**, 712 Pacific Building.  
**Contractor—Barrett & Hilp**, 918 Harrison Street.

**Planned**  
**BOTTLING PLANT** Cost, \$75,000  
**STOCKTON**, San Joaquin Co., Calif. Wilson Way and Roosevelt St.

New two-story Coca-Cola bottling plant.  
**Owner—Coca-Cola Company** (E. H. Wemyss, Pres. of Plant).  
**Architect—Not Given**.

**Contract Awarded**  
**WAREHOUSE** Cost, \$12,000  
**MINNESOTA**, SE 18th and Minnesota Streets.

Two-story frame warehouse.  
**Owner—Calbar Canneries**, 600 Minnesota Street.  
**Engineer—W. H. Ellison**, 712 Pacific Building.  
**Contractor—Barrett & Hilp**, 918 Harrison Street.

**Contract Awarded**  
**WAREHOUSE** Cost, \$12,000  
**OAKLAND**, Alameda Co., Cal. 573-75 Beacon Street.

Two-story frame and stucco flat building.  
**Owner—C. R. Fisher**, 6127 Foothill Blvd., Oakland.  
**Architect—Not Given**.  
**Contractor—Elmer Johnson**, 450 Oaks Blvd., San Leandro.

**Sub Contracts Awarded**  
**FLATS** Cost, \$8,500 each  
**SAN FRANCISCO**. NE Upper Terrace and Masonic Avenue.

Two 2-story frame and stucco flat buildings.  
Owner—Charles Hine.  
Architect—F. W. Dakin, 625 Market.  
Contractor—Roy A. Helgesson, 2695 23rd Ave.

**Plumbing**—Geo. N. Weinholz, 765 Minna St.  
**Electric Wiring**—Aetna Electric Co., 1435 Eddy St.

**Heating & Sheet Metal**—Colan Heating & Sheet Metal Co., 1060 Folsom St.

**Lumber**—Smith Lumber Co., 4th and Channel Sts.

**Hardware**—Palace Hardware Co., 581 Market St.

**Lathing & Plastering**—A. W. Cordes, 666 Mission St.

**Concrete**—California Concrete Co., 1632 Steiner St.

## 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
Fourth and San Fernando Sts.  
New gasoline service station.  
Owner—Shell Oil Co., 100 Eush St., San Francisco.

**Plans by Engineering Department of Owner.**  
**Contractor**—V. M. Henrietta, 2929 21st Ave., San Francisco.

**Contracts Awarded**  
**SERVICE STATION** Cost, \$.....  
SAN FRANCISCO, NE Cor. Woodside Ave. and Portola Dr.  
New gasoline service station.  
Owner—Standard Oil Co.

**Plans by Engineering Department of Owner.**

**Pipino & Plumbing**—Scott Co., Inc., 243 Minna St.

**Electric Wiring**—Arc Electric Co., 4792 Mission St.

**Concrete & Misc. Work**—Barrett & Hilp, 918 Harrison St.

**Contract Awarded**  
**MARINE SERVICE STATION, Etc.**  
Estimated Cost, \$10,000  
SAN FRANCISCO, Foot of Hyde St., Pier 49.

Marine service station and dock.  
Owner—General Petroleum Corp. of California.

**Plans by Engineering Department of Owner.**  
**Contractor**—Healy-Tibbitts Constr. Co., 64 Pine St.

## 7—FEDERAL BUILDINGS

**BIDS OPENED**  
MARIN CO., Calif.—R. P. Paoli & Co., 2530 Lombard St., San Francisco, at \$750, submitted the low bid to the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-37-104, for painting the exterior of all the camp frame buildings in the CCC Camp on the Fort Baker-Port Barry Tunnel Road, Marin County.

Complete bids follow:  
R. P. Paoli & Co., S. F. .... \$ 750.00  
Fred Remacher ..... 994.00  
Patterson Bros., Berkeley ..... 985.00  
Pacific P. & D. Co., S. F. .... 1125.00  
Emil Solve, Oakland ..... 1170.00  
Bids held under advisement. \*

**BID OPENING DATE POSTPONED**

ALCATRAZ ISLAND.—Until June 22, 2 p. m. (postponed from June 8), bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Bid No. PI-219, for furnishing and installing laundry machinery and equipment at the U. S. Penitentiary, Alcatraz Island.

Bids may be mailed to the Warden, U. S. Penitentiary, Alcatraz, or delivered in person at Room 407, Post Office Bldg., San Francisco, where

they will be opened.

Specifications obtainable from the above offices.

### BIDS WANTED

MARCH FIELD, Riverside County, Calif.—Until June 14, 10 a. m., bids will be received by the Quartermaster, March Field, for installing cooling system in photo laboratory; Proposal 7274-56.

### AIR BASE AUTHORIZED

ALAMEDA, Cal.—President Roosevelt last week signed a bill authorizing establishment of a naval air station at Alameda to cost \$13,500,000. Program will include all necessary buildings and accessories, bulkheads and dredging. An appropriation of \$1,000,000 is available to begin work.

### BIDS REJECTED

WHIPPLE, Ariz.—Veterans' Administration, Washington, D. C., rejected all bids submitted May 4 for tile and marble work in Building No. 14, at Veterans' Administration Facility, Whipple.  
John C. Reeves, Denver, at \$7,375, submitted low bid.

### CONTRACT AWARDED

MADERA, Madera Co., Cal.—Thos. Warburton, 214 E. 4th St., Madera, at \$118 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for lawn sprinkler system at the U. S. P. O. at Madera.

### CONTRACT AWARDED

SANTA BARBARA, Calif.—Nels Oakeson, 520 E. Haley St., Santa Barbara, awarded contract by Santa Barbara county supervisors, at \$14,908, for enlarging and remodeling the Santa Barbara Veterans' Memorial Building. Soule & Murphy, architects.

### CONTRACT AWARDED

SAN DIEGO, Cal.—Hill & Huston, 1310 R St., San Diego, at \$495, was awarded contract by the Procurement Division for plaster moldings of the U. S. Post Office, San Diego.

### Sub-Contracts Awarded

FRIANT, Fresno Co., Calif. Friant Dam Site.  
Twenty-five duplex residences (Spec. No. 706) and three 6-, five 5-, ten 4- and ten 2-room residences (Spec. No. 707).

Owner—U. S. Government, Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento; A. M. Torpen, Friant Division Engineer).

**Contractor**—W. J. Ochs, Helm Bldg., Fresno.

**Electric**—American Electric Const. Co., 462 Bryant St., San Francisco.

**Plumbing**—Scott Co., 243 Minna St., San Francisco.

### BID OPENED

BEVERLY HILLS, Los Angeles Co., Calif.—J. Bayer & Co., Los Angeles, at \$1,985, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for metal and glass partitions in the U. S. Post Office at Beverly Hills.

### BIDS OPENED

HOLLYWOOD, Los Angeles Co., Calif.—Moline Furniture Works, Moline, Ill., at \$680, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for wood lobby desks in the U. S. Post Office at Hollywood.

Original Cabinet Works, Niles, Mich., at \$720, submitted only other bid.

### BIDS WANTED

SAN FRANCISCO.—Until June 13, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for a drainage system, etc., for the U. S. Mint at San Francisco.

Drawing and specifications may be obtained from the above office and from the Custodian of the Building at San Francisco.

### BIDS WANTED

BAKER, Oregon.—Until June 16, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for cement vaults, walks and cleaning, etc., at the U. S. Post Office at Baker.

### PLANS ON FILE

WALLA WALLA, Wash.—A set of plans and copy of specifications for construction of the Veterans' Administration Facility, Walla Walla, Laundry Bldg. No. 66, for which bids will be opened June 15, 1:30 p. m., are now on file for examination at the office of the DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Drawings and specifications may be obtained from the Construction Service, Room 764, Arlington Bldg., Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto.

### PLANS ON FILE

LOS ANGELES, Calif.—A set of plans and copy of specifications together with Addendum No. 1 for a Subsistence Storehouse Building at the Veterans Administration Facility at Los Angeles, for which bids will be opened June 8, 1:30 P. M., are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Separate bids will be received for: (I) general construction, including plumbing, heating and electrical work; (II) electric elevator and (III) refrigerating equipment.

Drawings and specifications may be obtained from the Construction Service, Room 764, Arlington Bldg., Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. Appropriation for the work is \$65,000.

### BIDS WANTED

YERBA BUENA ISLAND.—Until June 14, 11 a. m., bids will be received by the Public Works Officer, 12th Naval District, 351 Federal Office Bldg., San Francisco, under Spec. No. \$496, for furnishing and installing a local burglar alarm system on iron steel safes in the Disbursing and Supply Office of the Receiving Ship, "San Francisco," on Yerba Buena Island.

Plans and specifications obtainable from the above office upon deposit of \$5 in the form of a check or postal money order payable to the Chief of the Bureau of Yards & Docks.

**Bids Wanted—To Close July 9**  
**POST OFFICE** Cost, \$79,000  
AUBURN, Washington.  
United States Post Office Bldg.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Bids Wanted—To Close July 9,**  
**1 P. M.**  
**POST OFFICE** Cost, \$79,000  
AUBURN, Washington.  
United States Post Office Bldg.  
Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

Drawings and specifications may

be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

**BIDS OPENED**

**INGLEWOOD**, Los Angeles Co., Calif.—Ceco Weatherstrip & Screen Products, Chicago, Ill., at \$758, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for metal insect screens in the U. S. Post Office at Inglewood.

Complete bids follow:

Ceco Weatherstrip & Screen Products, Chicago, Chicago, \$758  
The Robbins Mfg. Co., Chicago, 773  
Chamberlin Metal Weatherstrip Co., Inc., Detroit, Mich., 874  
Automatic Tension Screen Co., Los Angeles, Calif., 960

**Contract Awarded**

**POST OFFICE** Cont. Fr., \$63,676  
**TULARE**, Tulare Co., Calif.  
New U. S. Post Office.  
Owner—United States Government.  
Plans by Supervising Architect of the Treasury Department, Washington, D. C.  
Contractor—MacDonald Const. Co., 3529 W. Pine St., St. Louis, Mo.  
Complete bids published May 25.

**BIDS WANTED**

**PORT McDOWELL**, Calif.—Until June 7, 10:30 A. M., P.S.T., bids will be received by the Contracting Quartermaster, Fort McDowell, for installation of acoustical material on ceiling of first floor, and ceilings of the kitchen and mess hall, second floor of Station Hospital Annex (Bldg. No. 18) and ceilings of first floor of Station Hospital Annex (Bldg. No. 23) (except toilets and supply rooms of both buildings) at Fort McDowell, under Proposal No. QF 836-37-25.

Specifications obtainable from the above office.

**BIDS OPENED**

**SAN DIEGO**, Calif.—American Mast & Spar Co., New York City, at \$340, submitted low bid to the Procurement Division, Washington, D. C., for metal flag pole at the U. S. Air Station, San Diego.

Complete bids follow:

American Mast & Spar Co., New York City, \$340  
Stanley E. Kuhns, Santa Monica, Calif., 550  
A. J. Beyer Co., Los Angeles, Calif., 675  
M. H. Golden, San Diego, Cal., 685  
Public Building Contractors, Bronx, N. Y., 974  
The Patent Scaffolding Co., Inc., San Francisco, Calif., 1026

**CONTRACT AWARDED**

**SANTA CLARA**, Calif.—C. W. Lynds, 1386 Park Ave., San Jose, at \$345, awarded contract by the Procurement Division, Washington, D. C., for painting plaster in the U. S. Post Office building at Santa Clara.

**BIDS OPENED**

**FRIANT**, Fresno Co., Calif.—Air Conditioning Engineers, Inc., Phoenix, Ariz., at \$1,000, submitted the low bid to the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Proj. No. 928-D, for air-conditioning, heating and ventilating systems for the office building and two dormitories at Government Camp at Friant Dam, Central Valley Project. The camp is located about 22 miles north of Fresno.

Complete bids follow:

(1) Air Conditioning Engineers, Inc., Phoenix, Ariz. \$12,218.00  
(2) Lohman Bros., Los Angeles, 15,963.00

(3) J. A. Devlin and R. E. Drew, Fresno, 17,749.00  
(4) Pernot & Rich, Inc., Los Angeles, 21,007.75  
Bids taken under advisement.

**BIDS OPENED**

**PORT TOWNSEND**, Wash.—Neuman Bros., McMinneville, Ore., at \$1,947, submitted low bid to the Procurement Division, Washington, D. C., for repainting the exterior of frame buildings at the U. S. Quarantine Station at Port Townsend.

Complete bids follow:

Neuman Bros., McMinneville, Ore., \$1,947  
Henry L. Grohne, Decatur, Ill., 2,145  
The West Coast Painter Co., Seattle, Wash., 2,382  
Charles G. Swanson, Seattle, Wash., 2,971

**Bids Wanted—To Close July 20**

**POST OFFICE** Cost, \$210,000  
**BURBANK**, Los Angeles Co., Calif.  
New U. S. Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Department, Washington, D. C.  
Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C.

**BID OPENING DATE POSTPONED**

**ALCATRAZ ISLAND**—Until June 22, 2 p.m. (postponed from June 8), bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, for furnishing and installing an automatic sprinkler system, new system of fire service piping, moving fire pump and installing cold water meters at the U. S. Penitentiary, Alcatraz, under Spec. No. 47, Invitation No. 956. Work is itemized as follows:

- (1) Installation of automatic sprinklers in Buildings 64, 68, 67, 82, 84 and 79.
- (2) Installation of new system of fire servicing piping from dock to Building 68 and to west end of Island with connections for fireboat, hydrants and standpipes provided.
- (3) Also the present 1000-g.p.m. fire pump from pump house to a site in power plant above, and build necessary connections from pump to fresh water storage.
- (4) Installation of one 6-inch cold water meter in 8-inch fresh water line at west end of dock (Government will furnish only the meter—National) and reducing coupling flanges for both U. S. Penitentiary, Alcatraz, and one 3-inch hot water meter (Hersey) in Laundry Building 67 (Government will furnish only the meters and companion flanges, both ends faced and drilled for bolts).

Specifications obtainable from the above office and bids will be opened in Room 407, Post Office Building, San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz. A copy of specifications is now on file for examination in the office of D. J. Y. PACIFIC BUILDER, 165 Tenth St.

**8— CLUB BUILDINGS**

**Preparing Working Drawings**  
**REMODEL BUILDING** Cost, \$.....  
**SAN FRANCISCO**, McAlister St., bet Van Ness Ave. and Polk St.  
Remodel building for museum and art gallery and future clubrooms and dining room.  
Owner—Society of California Pioneers, c/o Architect.  
Architect—John H. Ahnden, 829 39th Ave.

Plans will be completed in about two weeks, when general figures will be asked of a selected list of contractors.

**9— HOSPITALS****PLANS BEING FIGURED**

**LONG BEACH**, Calif.—Architect W. Horace Austin, 532 Chestnut Avenue, Long Beach, is taking bids for construction of a 1-story and basement clinic building to contain two swimming pools, on Termino Ave., near State St., Long Beach, for Adelaide Techenor Hospital School. Cost, \$45,000.

**CORRECTION IN LOW BIDDER**

**SACRAMENTO**—A-1 Ice Machine Co., 3515 W. Washington Blvd., Los Angeles, at \$3,516.44, submitted low informal bid to State Architect Geo. B. McDougall for an addition to the milk house refrigerating system at Patton State Hospital.

Complete bids follow:

A-1 Ice Machine Co., Los Angeles, \$3,516.44  
Baker Ice Machine Co., Los Angeles, 3,685.00  
York Ice Machinery Corp., Los Angeles, 3,896.00  
Kohlenberger Engrg. Corp., Fullerton, 4,275.00

**BIDS OPENED**

**SACRAMENTO**—York Ice Machinery Corp., Los Angeles, at \$3,896, submitted low informal bid to State Architect Geo. B. McDougall for an addition to the milk house refrigerating system at Patton State Hospital. Other bids were Kohlenberger Engineering Corp., Fullerton, \$4,275; Baker Ice Machine Co., Los Angeles, \$3,685; and A-1 Ice Machinery Co., Los Angeles, \$3,516.44. Bids under advisement.

**Material Bids Wanted**

**SANATORIUM** Cost, \$.....  
**STANISLAUS COUNTY**, Calif. Near Modesto, Del Puerto Canyon.  
First unit of tuberculosis sanatorium. Owner—Stanislaus County. Architect—Russell G. deLappe, 5905 Keith Avenue, Oakland.

Material bids will be received from June 3 to June 15, 2 P. M. Estimated cost of materials for which bids are wanted is \$28,000.

**10— HOTELS**

**Sub Contracts Awarded**  
**ALTER RESTAURANT** Cost, \$8,000  
**SAN FRANCISCO**, 340 Stockton St. Alter restaurant in Drake-Wiltshire Hotel.

Owner—Wiltshire Hotel Co. Architect—Albert R. Williams, 251 Post St.

Contractor—Mullen Mfg. Co., 60 Harrison St.

Tile Work—Mangrum-Holbrook, 1235 Mission St.

Glass—W. P. Fuller & Co., 301 Mission St.

Iron Grille Work—National Ornamental Iron & Bronze Co., 70 Chesley St.

Brick & Stone Work—Wm. A. Raney & Son, 323 Clementina St.

Linoleum—Malott & Peterson, 2412 Harrison St.

Planned

**MOTEL** Cost, \$.....

**NORTH SACRAMENTO**, Sacramento Co., Cal. 12th St. and Auburn Blvd.

Model—24-apartment motel (each consisting of two rooms, bath, and garage) California stucco plastered interior and exterior (22x26-ft. each).

Owner—Philip Serono, New York (Col. J. F. Butts, representative). Architect—Not Given.



**11—ICE AND COLD STORAGE PLANTS**

**To Be Done By Day's Work**  
**ICE PLANT** Cost, \$25,000  
 SAN FRANCISCO. W Rhode Island 24 S Division Street.  
 One-story Class C ice plant.  
**Owner and Builder**—National Ice and Cold Storage Co., 417 Montgomery Street.  
**Engineer**—Jas. M. Smith, 251 Kearny Street.

**To Be Done By Day's Work**  
**PRE-COOLING PLANT** Cost, \$20,000  
 CHICO, Butte Co., Calif.  
 Pre-cooling plant.  
**Owner**—Chico Ice & Cold Storage Co. (Walen Cearley, Manager).  
**Architect**—Not Given.  
 Demolition of building on site now under way.

**Bids In—Under Advertisement**  
**ICE PLANT** Cost, \$50,000  
 SAN FRANCISCO. W Rhode Island 24 S Division St.  
 One - story reinforced concrete ice making, storage & delivery plant.  
**Owner**—National Ice & Cold Storage Co., 417 Montgomery St.  
**Engineer**—Jas. M. Smith, 251 Kearny. Announcement shortly.

**CONTRACT AWARDED**  
 LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, awarded contract for alterations and additions to Cudahy Packing Co. plant at 803 Macy St. Work includes a 2-story and basement, steel frame beef cooler, 87x87, also alterations to existing building, consisting of removal of third floor and rebuilding with structural steel. Cost, \$100,000. C. Deuel, structural engineer, 405 Douglas Bldg.

**12— POWER PLANTS**

**FUNDS ALLOTTED**  
**COWLITZ CO.**, Wash.—The Rural Electrification Administration has allotted \$88,000 to the Cowlitz County Public Utility District No. 1, Kalama, Washington, for construction of 81 miles of rural distribution line to serve 305 customers in Cowlitz Co. Negotiations are under way to secure power from the Puget Sound Power & Light Company.

**Electrical Bids Opened**  
**CONCRETE PLANT** Cost, \$65,000  
 OAKLAND, Alameda Co., Calif. Foot of Fifth Avenue.

Wet mix concrete plant to consist of main concrete plant, warehouse, office building, machine shop and garage, of reinforced concrete, steel and timber construction.

**Owner**—Henry J. Kaiser Co., Latham Square Bldg., Oakland.

**Low Bidder**—T. L. Rosenberg, 411 Webster St., Oakland, \$1360.  
 Complete bid follows.

T. L. Rosenberg, Oakland . . . \$1,360  
 Pacific Electric Motor Co. . . 1,447  
 Scott-Buttner Electric Co. . . 1,493  
 Spot Electric Co. . . 1,515  
 H. S. Title Co., S. F. . . 1,520  
 Mullins Electric Co. . . 1,533  
 California Electric Co. . . 1,565

Bids held under advisement.  
 Bids do not include motor starters, switches, etc., which will be furnished by the Henry J. Kaiser Co.

**Sub-Contracts Awarded**  
**TRANSMITTER STATION** Cost, \$ .  
 SAN FRANCISCO. Islais Creek.  
 One-story reinforced concrete KSPQ transmitter station and garage.  
**Owner**—Columbia Broadcasting System.  
**Engineer**—Dewell and Earl, 55 New

Montgomery Street.  
**Contractor**—P. J. Walker Co., 607 Sharon Building.  
**Plumbing and Heating**—Scot Co., Inc., 243 Minna Street.  
**Lathing and Plastering**—J. F. Smith, 271 Minna Street.

**Reinforcing Steel**—Gunn, Carle and Co., 20 Potrero Avenue.  
**Metal Windows**—Truscon Steel Co., 604 Mission Street.

**Mill Work**—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.  
**Sheet Metal**—Guilfoy Cornice Works, 1234 Howard Street.

**Ornamental Iron**—Sartorius Co., 2530 18th Street.  
**Roofing**—J. W. Bender Co., 1999 Bryant Street.

**Painting**—Raphael Co., 270 Tehama. **Glass**—Cobbedlick - Kibbe Glass Co., 666 Howard Street.  
**Window Screens**—Parker - Carpenter Co., 604 Mission St.

**Terrazzo**—Henry Gervais Tile Co., 1717 Mission St.  
**Linooleum and Cork Tile**—West Coast Linooleum Stores, 2702 Mission.

**13— PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**CONTRACT AWARDED**  
 SAN FRANCISCO.—DeLuca and Son, Inc., 1745 Filibert St., at \$11,561.75, awarded contract by the Recorder's Commission, for construction of a reinforced concrete convenience station, concrete gutters and the completion of a sprinkler system, and the fine grating of a playfield at the Potrero Hill Playground, located at 22nd and Arkansas streets, San Francisco.

**CONTRACT AWARDED**  
 LONG BEACH, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded general contract by Long Beach city council at \$17,369, for completing the Veterans' Memorial Bldg. in Long Beach. George W. Kahrs, architect, Long Beach; J. M. Davies, structural engineer, Long Beach.

**Preparing Preliminary Plans**  
**ALTERATIONS** Est. Cost, \$12,000  
 OAKLAND, Alameda Co., Calif. 15th and Poplar Sts.  
 Alterations and repairs to the Detention Home.  
**Owner**—County of Alameda.  
**Architect**—Edw. T. Foukles, 357 12th Street.

**PLANNED** June 2, 1937.  
 CHINO, San Bernardino Co., Calif.—Federal grants totaling \$1,527,695, for starting construction of a state prison for first offenders near Chino, were approved this week in Washington. The grants, together with a pending state appropriation of \$2,000,000, will finance the first year's construction of a proposed 3½-year building program. Total estimated cost of which is \$9,541,143. The program will operate under a series of WPA projects. Preliminary plans contemplate a prison to house 3500 in five large cell blocks and 58 dormitories. In addition to prison buildings, which will be reinforced concrete structures, the first year's program calls for construction of walls and fences, shop, warehouse and office building, and for installing water, sewage, steam heating and drainage systems. A. R. Walker and F. A. Elson, 708 Pacific Commerce Bldg., 437 S. Hill St., Los Angeles, are the architects for the project and have prepared preliminary plans, which were prepared after an extensive survey by the architects of prisons throughout the country.

**BIDS WANTED**  
**PHOENIX, Ariz.**—Until June 10, 3 p.m., bids will be received by the Board of Directors, State Institutions, Phoenix, for construction of a women's ward building for Arizona State Hospital, a PWA project. Plans obtainable from Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of \$15, returnable. Certified check for 5% required.

**Sub-Contracts Awarded**  
**CENTRAL EXP. TOWER** Contract Price, \$276,953  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.  
 Central Exposition Tower, approximately 400 ft. high, with a 70-ft. outside base diameter, structural steel frame, concrete foundation, piling wood furring and wood sheathing, wood covering and plastered exterior.

**Owner**—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 635 Bush Street.  
**Architect**—San Francisco Bay Exposition Architectural Commission, 555 Bush Street.

**Contractor**—Guy F. Atkinson Co., 658 E. 133 Building.

**Roofing**—Alta Roofing Co., 976 Indiana Street.  
**Sheet Metal**—Guilfoy Cornice Works, 1234 Howard Street.

**Steel**—Judson-Pacific Co., 609 Mission Street.

**14— RESIDENCES**

**Bids In—Announcement Shortly**  
**RESIDENCE** Cost, \$ .  
 ORINDA, Alameda Co., Calif.  
 One - story frame and stucco residence 4½ rooms, hardwood floors, hulk-um bath, tile roof, oil burning furnace, wood sash, etc.

**Owner**—M. Overa.  
**Architect**—F. L. Confer, 3147 Claremont Ave., Berkeley.

Plans were figured by the following selected list of contractors:

H. P. Atkinson, 127 Alvarado Rd., Berkeley.  
 L. Neilson, 2305-A Acton Street, Berkeley.

J. R. Armstrong, 1131 Fleet Road, Oakland.  
 Earl R. Malott

**Sub Bids Wanted**  
**RESIDENCE** Cost, \$ .  
 BERKELEY, Alameda Co., Calif. 670 Spruce St.

Two-story frame and stucco residence.

**Owner** Arthur C. Fishbury.  
**Architect**—W. F. Ruck, 910 S. Figueroa St., Los Angeles.  
**Engineer and Mgr. of Construction**—Zara Wilkin, 557 Market St., San Francisco.

Sub bids are wanted by the Engineer at 1690 54th St., Oakland (Olympic 9087), until 1 p.m. today, and at 557 Market St., San Francisco (GA 1757), from 1 to 5 p.m. today, on excavating, concrete work, plumbing, carpentry, painting, electric wiring, lathing and plastering, heating, roofing, tile work and masonry.

**Contract Awarded**  
**RESIDENCE** Cost, \$1,950  
 Marin Co., Calif.  
 One-story and basement frame residence.

**Owner**—A. M. McKenzie, Mill Valley.  
**Architect**—E. A. Neumark, 2688 Greenwich St., San Francisco.  
**Contractor**—Klaus Adler, Mill Valley.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
 PALO ALTO, Santa Clara Co., Calif. 2110 Bryant St.  
 Two-story frame and stucco residence and garage.

Owner—B. Nesbitt, 130 Cedar St.  
 Architect—Edward W. Kress, 402 1st  
 National Bank Bldg., San Jose.  
 Contractor—E. B. Cornell, Hawthorne  
 St., Los Altos.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
 OAKLAND, Alameda Co., Cal. 3572-  
 74 Gray St.

One - story duplex residence (two  
 apartments).  
 Owner—Eugene Henriksen, 3572  
 Gray Street.  
 Architect—Not Given.  
 Contractor—Gus Ahlen, 23152 South  
 Garden Ave., Hayward.

**Construction Started**  
**RESIDENCE** Cost, \$.....  
 PALO ALTO, Santa Clara Co., Calif.  
 Two - story frame and stucco resi-  
 dence (6 rooms, 2 baths) shingle  
 roof, hardwood floors, wood sash,  
 warm air gas furnace heating  
 system, etc.

Owner—Mr. Nesbitt.  
 Architect—Edw. W. Kress, 402 First  
 National Bank Bldg., San Jose.  
 Contractor—E. B. Cornell, Los Altos.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
 OAKLAND, Alameda Co., Cal. 5493  
 Golden Gate Avenue.

Two - story frame residence (six  
 rooms).  
 Owner and Builder—John Fleming,  
 2248 Coloma St., Oakland.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$5,000  
 SAN FRANCISCO, N Sweeney 150  
 E Merrill St.

One-story and basement frame and  
 stucco residence.  
 Owner and Builder—David Schefski  
 22 Arieta Avenue.  
 Architect—H. C. Baumann, 251 Kearny  
 Street.

**Bid Opening Postponed**  
**RESIDENCE** Cost, \$.....  
 SAN JOSE, Santa Clara Co., Calif.

Two - story frame and stucco resi-  
 dence (6 rooms, 2 baths), shake  
 roof, hardwood floors, gas fur-  
 nace, wood sash, tile baths.

Owner—T. Bonnett.  
 Architect—Binder & Curtis, 25 West  
 San Carlos St., San Jose.  
 Bids will be received from the fol-  
 lowing selected list of contractors:  
 John M. Schirle, 77 Hollywood Ave-  
 nue, San Jose.

Mr. Creighton, San Jose.  
 Bridges Constr. Co., 1398 Lincoln  
 Ave., San Jose.  
 George Honore, 136 Race St., San  
 Jose.

Hert Ward & Son, 1139 Lincoln  
 Ave., San Jose.  
 V. Lanotti & Son, 435 Hicks Ave.,  
 San Jose.

A new date for receiving bids will  
 be set June 1.

**Contract Awarded**  
**RESIDENCES** Cost, \$4,000 each  
 SAN FRANCISCO NW Peralta NE  
 of Florida Street.

Three one-story and basement frame  
 and stucco residences.  
 Owner—Sala & Sala, 3099 16th St.  
 Architect—Not Given.  
 Contractor—J. Johnson & Son, 1614  
 Church Street.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
 SAN FRANCISCO, W 25th Ave. N  
 of Santiago Street.

Three one-story and basement frame  
 and stucco residences.  
 Owner and Builder—Martin Smith,  
 525 Guerrero Street.  
 Architect—Walter C. Patch, Hearst  
 Building.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,500  
 SAN MATEO. Lot 18, Blk. 16, Vir-  
 ginia St.

Two - story frame and stucco resi-  
 dence.  
 Owner—D. E. Golden, 1411 Montero,  
 Burlingame.  
 Architect—Not Given.  
 Contractor—C. B. McClain, 1412 Edge-  
 hill Dr., Burlingame.

**Plans Completed**  
**RESIDENCE** Cost, \$10,000  
 SAN FRANCISCO. Seaciff, 27th  
 Ave., and El Camino Del Mar.

Two-story frame and stucco resi-  
 dence (7 rooms), steel sash, hot  
 air heating system, composition  
 and single roof, hardwood floors,  
 tile baths, etc.  
 Owner—S. Bohne.  
 Architect—D. E. Jaekle, 126 Post St.  
 Owner will take figures from a  
 selected list of contractors.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$16,000  
 HILLSBOROUGH, San Mateo Coun-  
 ty, Calif.

Two - story frame and stucco resi-  
 dence (9 rooms, 4 baths), hard-  
 wood floors, tile baths, gas warm  
 air heating system, shake roof.

Owner—Carl Sampson.  
 Architect—Mario Corbett, 27 Third  
 Ave., San Mateo.

Contractor—Lengfeld & Olund, Ltd.,  
 220 Third Ave., San Mateo.

Sheet Metal—G & M Sheet Metal  
 Works, 504 Ninth Avenue, San  
 Mateo.

Lumber—San Mateo Planing Mill Co.,  
 Cor 5th and Claremont, San Ma-  
 teo.

Mill Work—Pacific Mfg. Co., Santa  
 Clara.  
 Concrete—M. Cameron, 717 South  
 Grant St., San Mateo.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
 BURLINGAME, San Mateo Co., Cal.

Vancouver Ave., 350 ft. north of  
 Broadway.  
 One-story frame residence.  
 Owner—C. S. Chaffee, 1701 Carmelita  
 Way.

Architect—Not Given.  
 Contractor—C. H. Bessett, 826 Wal-  
 nut St., Burlingame.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,500  
 SAN MATEO. Lot 3, Blk. 20, Ne-  
 vada Dr.

Two - story frame and stucco resi-  
 dence.  
 Owner—J. D. Millar.  
 Architect—Not Given.

Contractor—Oscar Cavanagh, 432 Oc-  
 cidental Ave.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
 OAKLAND, Alameda Co., Calif. NE  
 Cor. Melville Dr. and Waldeck.

One-story frame residence (5 rooms)  
 Owner—T. F. Hickey, 3707 Atlas Ave.,  
 Oakland.  
 Architect—Not Given.

Contractor—Gaubert Brothers, 4735  
 Brookdale Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
 SAN FRANCISCO, W 25th Avenue  
 75 S of Rivera Street.

One - story and basement frame and  
 stucco residence.  
 Owner and Builder—H. F. Harlan,  
 225 Hyde Street.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
 SAN FRANCISCO West Roaelyn  
 Terrace 115 S of Turk St.

Two - story and basement frame and  
 stucco residence.  
 Owner—A. F. Lewis.

Architect—Wm. Gunnison, 321 Kearny  
 Street.  
 Contractor—Oliver M. Rousseau, Inc.  
 321 Kearny Street.

**Plans Completed**  
**RESIDENCE** Cost, \$5,000  
 SAN FRANCISCO. Fuston Avenue  
 and Noriega Street.

One - story frame and stucco resi-  
 dence (5 rooms) tile and com-  
 position roof, hardwood floors,  
 tile baths, wood sash, etc.  
 Owner and Builder—Fred Portello.  
 Architect—D. E. Jaekle, 126 Post.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
 PALO ALTO, Santa Clara Co., Calif.  
 1416 Hamilton Ave.

Two-story stucco and brick veneer  
 residence, and garage.  
 Owner—N. T. Bailey, 1116 Hamilton  
 Ave.

Architect—Not Given.  
 Contractor—R. B. Fehren, 25 N. 2nd  
 St., San Jose.

**Contract Awarded**  
**RESIDENCE** Cost, \$15,250  
 PALO ALTO, Santa Clara Co., Calif.  
 140 Pittman Ave.

Two - story frame and stucco resi-  
 dence.  
 Owner & Builder—E. P. Erwen, 339  
 Cooley Ave.

Architect—Farr & Ward, 68 Post St.,  
 San Francisco.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,055  
 UKIAH, Mendocino County, Calif.

1½ - story frame and brick veneer resi-  
 dence (8 rooms), shake roof,  
 hardwood floors, tile baths, oil  
 burning heating system, wood  
 sash, etc.

Owner—Elmer Albertson, c/o Archi-  
 tect.  
 Architect—Clarence Calkins, Rosen-  
 berg Bldg., Santa Rosa.

Contractor—H. V. La Porte, Box 602,  
 Ukiah.

**Roofing**—Herman G. Runkel, 111 W.  
 Perkins St.

**Plumbing**—Ukiah Plumbing & Heat-  
 ing Co., 109 W. Perkins St.

**Electric Wiring**—C. E. Wallett, 517  
 S. Oak St.

**Heating & Sheet Metal**—Ukiah Sheet  
 Metal Shop, 111 W. Stephenson  
 St.

**Tile Work**—Wm. H. Moody, 629 5th  
 St., Santa Rosa.

**Brick & Stone Work**—Lloyd Briggs,  
 416 Grove St.

**Lumber**—Diamond Planing Co.  
 "M" Work—La Porte Matching Mill.

**Painting**—Frank Bechtol, 514 West  
 Henry St.

**Lathing & Plastering**—Otto Gielow,  
 West Jones St.

**Concrete**—H. Mercer, 544 Dora Ave.  
 All of Ukiah, unless otherwise not-  
 ed.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
 NORTH BERKELEY, Alameda Co.,  
 Calif.

One - story frame and stucco resi-  
 dence (5 rooms), studio, living  
 room, bedroom, bath.  
 Owner—R. B. Giles, c/o Architect.  
 Architect—Frederick H. Reimers, 233  
 Post St., San Francisco.  
 Contractor—C. M. Teigland, 4668 Do-  
 lores Ave., Oakland.

**Preparing Working Drawings**  
**ALTERATIONS & ADDITIONS**  
 Cost, \$12,000  
 PALO ALTO, Santa Clara Co., Calif.  
 Stanford Campus.

Alterations and additions to Alpha  
 Tau Omega fraternity house.  
 Owner—Alpha Tau Omega Fraternity  
 Architect—C. K. Sumner, Deckerok  
 Bldg., Palo Alto.  
 Plans will be completed in about

one week and general figures asked of a selected list of contractors.

**Sub Contracts Awarded**  
**BERKELEY**, Alameda County, Cal.  
 Lot 44, Blk. C, Hopkins Terrace

No. 3.  
 One-story frame and stucco residence.  
 Owner—G. Burrell.

Architect—J. D. Wickenden, 1408 Spring Way, Berkeley.

Contractor—Herbert K. Henderson, 393 40th St., Oakland.

**Roofing**—Harvey T. Grange, 2406 10th St., Berkeley.

**Plumbing**—H. I. Kyle, 1635 E. 12th St., Oakland.

**Electric Wiring**—Electric Service Co., 2415 California St., Berkeley.

**Heating**—Aladdin Heating Corp., 5107 Broadway, Oakland.

**Sheet Metal**—J. C. Owens, 1616 Carlton St., Berkeley.

**Hardwood Floors**—F. Thrall.

**Brick & Stone Work**—W. H. Wisher-opp, 3749 Quigley St., Oakland.

**Grading**—J. Henry Harris, 2322 McGee Ave., Berkeley.

**Foundations**—Ensor H. Buel, 5340 Grove St., Oakland.

**Lumber**—Piedmont Lumber & Mill Co., 351 40th St., Piedmont.

**Mill Work**—Atkinson Mill, 2985 Chapman St., Oakland.

**Hardware**—Associated Hardware Co., 3862 San Pablo Ave., Oakland.

**Lathing & Plastering**—W. Marietti, 1201 Stannage Ave., Berkeley. 14

**Bids Rejected—Work Indefinitely Postponed**

**RESIDENCE** Cost, \$5,000.  
**REDWOOD CITY**, San Mateo Co., Calif.

One and one-half-story residence (7 rooms, 2 baths), tile roof, gas fired hot air heating system, wood sash, hardwood floors, tile baths, etc.

Owner—Joseph Franceschi.

Architect—Conrad T. Kett, 519 California Street.

Work has been postponed until late fall due to bids exceeding estimated cost.

**Being Done By Day's Work**

**REMODEL RESIDENCE** Cost, \$5,000.  
**SAN MATEO**, San Mateo Co., Calif.

Remodel residence.

Owner—H. C. Baskett.

Architect—Mario Corbett, 72 3rd Ave., San Mateo.

**Completing Plans**

**RESIDENCE** Cost, \$5,000.  
**SAN MATEO**, San Mateo Co., Calif.

Two-story frame and stucco duplex residence (two five-room apts.) hardwood floors, tile baths, tile roof, steel sash, canvas walls, hot air heating system, tile terraces and steps, social room, 3-car garage, etc.

Owner—Manuel Coréla.

Architect—Otto H. Interman, Call Bldg., San Francisco.

Upon completion of plans, owner will probably take bids.

**Plans Being Figured — To Close June 14, 12 Noon**

**RESIDENCE** Cost, \$5,000.  
**HILLSBOROUGH**, San Mateo Co., Calif.

Two-story frame and stucco residence (12 rooms, 4 baths), terra cotta tile roof, oil burning heating plant, wood sash, hardwood floors, tile baths, etc.

Owner—Sidney Miller.

Architect—Harold G. Stoner, 35 Vicente St., San Francisco.

Plans are being figured by the following selected list of contractors:

Jacks & Irvine, 629 Market Street, San Francisco.

G. P. W. Jensen & Sons, 320 Market St., San Francisco.

Oscar L. Cavanaugh, 432 Occidental Ave., San Mateo.

Charles Hammer, 1090 Burlingame Square, Burlingame.

**Contract Awarded**  
**RESIDENCE** Cost, \$20,180.  
**SAN FRANCISCO**, Marina Blvd.

Two-story and basement frame residence (10 rooms, 4 baths), brick, wood and stucco exterior, asbestos shingle and composition roof, oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas-fired hot air heating system.

Owner—Withheld.

Architect—Sidney A. Colton, 544 Market Street.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.

Award of contract does not include gas-fired hot air heating system, for which bids are now being received.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$5,500 each.  
**SAN FRANCISCO**, W 19th Avenue S of Sloat Blvd.

Two one-story frame and stucco residences.

Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.

Architect—Not Given.

**LOW BIDDER**

**VICTORVILLE** and Silver Lake, San Bernardino Co., Calif.—Joelyn Lumber Co., 656½ S. Western Ave., Los Angeles, submitted the low total bid to Los Angeles Water and Power Bureau at \$114,430 for cottages, equip. garages and guest house at Victorville and Silver Lake; Spec. 2308.

**Completing Working Drawings**

**RESIDENCE** Cost, \$11,000.  
**SAN FRANCISCO**, Francisco Hts.

Two-story and basement frame and stucco residence (6 rooms and 2 baths), hot air heating system, terra cotta tile roof, social hall, double garage, tile baths, hardwood floors, etc.

Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St.

General bids will be asked in about one week from a selected list of contractors.

**Plans Being Figured — To Close June 14, 8 P. M.**

**RESIDENCE** Cost, \$4,000.  
**ALAMEDA CO.**, Cal. Hampton Rd., near Hayward.

One-story integrated residence (five rooms), masonite floors and baths, wood sash, composition roof, etc.

Owner—Withheld.

Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Following have taken out plans:

Skovmand & Lewis, 729 E. 18th St., Oakland.

F. C. Little, 1969 B St., Hayward.

**Preparing Working Drawings**

**CASTRO VALLEY**, Alameda Co., Calif.

Two-story integrated residence (7 rooms), wood sash, shingle roof, forced air oil burning heating system, masonite floors, linoleum floors in baths, etc.

Owner—Withheld.

Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**15—SCHOOLS**

**Bids Rejected**

**STONEYBROOK** Cost, \$5,000.  
**SAN MATEO CO.**, Calif. At the Palo Alto City Line.

One-story frame store building (45x90 ft.), built-up roofing, wood floors.

Owner—M. W. Williams, San Jose. Lessee—Safeway Store.

Architect—Chas. McKenzie, Twoby Bldg., San Jose.

Bids have been rejected and work will be done by day labor.

**PLANS BEING FIGURED**

**LOS ANGELES**, Cal.—Until June 7, Southern California Telephone Co., 740 S. Olive St., is taking bids from a selected list of contractors for a rear addition to an existing building at 720 S. Rampart Blvd. Cost, \$100,000. Plans by owner's architectural department. Contract awarded Pacific Iron & Steel Co. at approximately \$30,000 for structural steel.

**June 2, 1937**

**Bid Opening Postponed Until June 15, 3 P. M.**

**SCHOOL** Cost, \$35,000.  
**AUBURN**, Placer Co., Calif.

One-story frame grammar school building (5 classrooms and kindergarten) electric heating system.

Owner—Auburn Union Grammar School.

Architect—W. E. Coffman, Forum Bldg., Sacramento.

Date of opening bids has been postponed from June 11 to June 15, 3 P. M.

**Low Bidder**

**SCHOOL ADDITION** Cost, \$5,000.  
**CONTRA COSTA CO.**, Calif., near Brentwood.

One-story frame addition to Excelsior Grammar School.

Owner—Excelsior School District.

Plans by firm of Narbett & Brown (I. Brown, Architect), 462 31st Avenue, Richmond.

**Low Bidder**—L. Uebel, Box 181, Ripon.

Announcement shortly.

**Bids Opened**

**SCHOOL BLDG.**  
**SONOMA CO.**, Calif. Approximately six miles west of Sebastopol.

Two-story frame school house (two classrooms), stucco exterior, oil-burning heating system, composition roof, etc.

Owner—Gold Ridge Grammar School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Gold Ridge Grammar School District voted bonds in the amount of \$6,000 to assist in financing construction of work.

**Low Bidder**—D. D. Downie, Rt. 4, Box 226, Sebastopol—\$11,677.

Complete bids follow:

D. D. Downie, Sebastopol.... \$11,677

C. L. Personette, Santa Rosa.... 12,328

Adam Arras, S. F. .... 13,450

Announcement shortly.

**CONTRACT AWARDED**

**PALM SPRINGS, RIVERSIDE COUNTY**, Calif.—Oral Carpenter, Palm Springs, awarded contract by Desert School District, at \$3,947, for construction of an activity unit at the Desert school. G. Stanley Wilson, architect.

**BOND ELECTION**

**KERN CO.**, Calif.—Wildwood Sch. District will hold an election June 14, at which time it is proposed to vote bonds in the sum of \$15,000, proceeds to be used for improvements to the Wildwood school in Kern Co.

Cecll Tracy, C. I. Jackson, and J. H. Sanders are trustees of the district.

**CONTRACT AWARDED**

**ENCINITAS, SAN DIEGO CO.**, Calif.—Harry Muna, First National Bank Bldg., San Diego, awarded contract by San Dieguito Union High School

District, at \$218,267, for complete construction of a library building, gymnasium and classroom group at Encinitas. Lillian J. Rice, Rancho Santa Fe, architect; Stanley Burns, Rancho Santa Fe, structural engineer; Harold A. Stockly, mechanical engineer.

**BIDS WANTED**

**LOS ANGELES, Calif.**—(until June 11, 10 a. m., new bids will be received by the Beverly Hills Unified School District for construction of a lunch plaza at Beverly Hills High School. Plans obtainable from Architects Edward Cray Taylor and Ellis Wing Taylor, 803 W. 3rd St., Los Angeles, upon deposit of \$10, returnable.

**BIDS WANTED**

**MONROVIA, Los Angeles Co., Cal.**—(Until June 7, 8 p. m., bids will be received by the Monrovia-Arcadia-Duarte High School District for rehabilitating the Ivy Avenue School in Monrovia, to be used as a junior high school, and demolition of an existing 3-story frame school building.

**BIDS WANTED**

**LOS ANGELES, Calif.**—(Until June 7, 7:30 p. m., bids will be received by the Lowell Joint School District of Los Angeles and Orange Counties for demolition of Unit 1 and construction of a new auditorium building. Richard M. Hayes, Jr., architect, 3670 Wilshire Blvd.

**Plans Completed**

**ADDITION** Cost, \$...  
**MODESTO, Stanislaus Co., Cal.** 18 H Street.

Library and one-classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).

Owner: Modesto City Board of Education (E. D. Abbott, Secy.), 14th and I Sts., Modesto.  
Architect: John J. Donovan, 950 Parker St., Berkeley.

Plans have been completed and forwarded to the State Division of Architecture for approval.

**BIDS OPENED**

**ALAMEDA, Calif.**—Symon Bros., 1435 Market St., San Francisco, at \$370 submitted the verbal bid to the Alameda Unified School District for wrecking and removal of Mastek School, located at Santa Clara Avenue and Bay Street, Alameda. C. Howard, Alameda, at \$235, submitted second high verbal bid. Two verbal bids were opened as follows: C. Howard, \$350, and C. F. Roberts (Oakland), \$250.

Bids have been taken under advisement by the Alameda Board of Education, which is considering removing bids and doing work with WPA labor and making use of salvaged materials.

**Completing Working Drawings**  
**SCHOOL** Cost, \$12,000  
**SALINAS, Monterey Co., Calif.**

One-story frame and stucco school building (2 classrooms and meeting room), addition and tile roof, maple floor in meeting room, pine floors in classrooms, etc.

Owner—Chinese Association of Salinas.  
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans will be completed in a one week and general figures needed of a selected list of contractors.

**Plans Completed**  
**ADDITION** Cost, \$

**LODI, San Joaquin Co., Calif.**  
**One-story frame and stucco addition** at Needham School (10 class-

rooms, library and shop addition) rooms, library and shop addition) Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Work will be financed by proceeds of a \$135,000 bond issue voted March 16.

Plans have been completed and forwarded to State Division of Architecture for approval.

**BIDS WANTED**

**LOS ANGELES, Calif.**—(Until June 4, 2 p. m., bids will be received by the Los Angeles board of education for construction of a standard two-unit craft building at Venice high school; estimated cost, \$10,000.

**CONTRACT AWARDED**

**LONG BEACH, Calif.**—C. W. Petterfer, 703 W. 14th St., Long Beach, awarded general contract by Long Beach Board of Education at \$96,390 for construction of the industrial arts building at the Polytechnic high school site. Hugh R. Davies, architect.

**BIDS WANTED**

**MONTEREY, Calif.**—(Until June 7, 5 p. m., bids will be received by the Monterey Elementary School District to rebuild the heating system at the Seaside School.

Bids will be received and plans and specifications are obtainable at the office of the Superintendent of Elementary Schools, Brown Adobe Building, Monterey.

**CONTRACT AWARDED**

**PASADENA, Calif.**—H. Mayson, 9317 Hooper Avenue, Los Angeles, awarded contract by Pasadena Board of Education, at \$28,976, for ground laying and landscaping, which will include lawn sprinkler system, retaining wall, cement walks, paving and grading at Pasadena junior college.

**BIDS WANTED**

**INGLEWOOD, Los Angeles Co., Calif.**—(Until June 8, 7:30 p. m., bids will be received by Inglewood Union High School District for the following: (1) tables and chairs for cafeteria; (2) steam heat in Manual Arts building; (3) painting buildings at Inglewood high school; (4) remodel offices at Inglewood high school; (5) new roofing on buildings at Inglewood high school; (6) portable bleachers for Leuzinger high school; (7) heat auditorium at Leuzinger high school; (8) steam table equipment for Inglewood high school cafeteria; (9) Venetian blinds for home economics building at Inglewood high school; (10) lockers for hallways at Leuzinger high school. Bidding data obtainable at office of business manager.

**Completing Working Drawings**  
**RADIATION LABORATORY** Cost, \$100,000

**UNIVERSITY OF CALIFORNIA CAMPUS, Berkeley, Alameda Co., Calif.**

One-story reinforced concrete radiation laboratory (60x140 ft.) with provision for two additional stories, steel roof trusses.

Owner—Regents of the University of California.

Architect—Harry A. Thomsen, successor to George W. Keihm, 215 Montgomery St., San Francisco.

Engineer H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Dirwidde Const. Co., 210 Tucker Bldg., San Francisco.

Plans will be completed in about two weeks.  
Cost includes certain equipment.

**Bond Election**

**SCHOOL** Cost, \$25,000  
**KEHN CO., Calif.**  
Improvements to Lerdo School.  
Owner—Lerdo School District (W. E. Burris, Clerk).

Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

An election will be held June 8 to vote on a proposal to issue \$25,000 in bonds to finance improvements.

**Bids Opened**

**SCHOOL** Cost, \$63,000  
**LOST HILLS, Kern Co., Calif.**  
Reinforced concrete school bldg. (4 classrooms and auditorium) tile roof, steam heat, etc.

Owner—Lost Hills School District.  
Architect—Perrine and Mackie, (H. E. Mackie, architect) 908 Westmore Pacific Bldg., Los Angeles.  
Low Bidder—Harris Const. Co., 577 McKinley Ave., Fresno.

Complete bids follow:  
Harris Const. Co., Fresno.....\$68,427  
L. Hansen & Son, Fresno.....68,984  
Treshitt - Shields and Fisher,  
Fresno.....70,734

W. J. Ochs.....73,925  
Ray J. Damm, Los Angeles.....78,800  
Arthur Pinner, Los Angeles.....80,338  
Andy Sordal, Long Beach.....80,922  
Archibald & Singleton, L. A.....84,813  
Willard Lutz, L. A.....105,663  
Bids held under advisement.

**Sub-Contract Awarded**  
**ADDITION** Cont. Price, \$34,800

**KING CITY, Monterey Co., Calif.**  
Elementary School addn. (2 rooms) frame and stucco, shingle roof, hardwood floors, universal wood sash, extension of existing heating system, etc., and remodeling and stabilizing present auditorium (seating capacity 700).

Owner—King City Grammar School District (Dewey Beardon, clerk) Architect—Charles E. Butner, 7 Winham St., Salinas.

Contractor—F. C. Stolte, San Simeon. Complete bids follow:  
F. C. Stolte, San Simeon.....\$34,800  
R. Pedersen, Fresno.....37,534  
P. T. Wallstrum, Watsonville.....38,840

**Roofing—County Roof Service, 330 Market St., Salinas.**

**Plumbing & Sheet Metal—King City Electric Works, Broadway, King City.**

**Heating—Pacific Heating & Ventilating Co., 2059 Webster St., Oakland.**

**Glass, Lumber and Mill Work—S. P. Milling Co., First St., King City.**

**Window Shades—J. W. Fricke Co., 420 Market St., San Francisco.**

**Hardwood Floors—Aetna Hardwood Flooring Co., 951 Buchanan St., San Francisco.**

**Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos St., San Jose.**

**BIDS WANTED**

**SAN DIEGO, Calif.**—(Until June 7, bids will be received by the San Diego Board of Education for constructing an addition to the Pacific Beach school; John S. Siebert, architect, 311 Granger Bldg., San Diego.

**BIDS WANTED**

**EI CENTRO, Imperial Co., Calif.**—(Until June 8, 7:30 p. m., bids will be received by the El Centro School District for construction of a school building in El Centro. Plans obtainable from Guy A. Weakley, district superintendent. Cashier's or certified check for 10% required.

**Contract Awarded**  
**SCHOOL** Cost, \$5,000

**LA GRANGE, Stanislaus Co., Calif.**  
One-story frame and stucco school building (two classrooms, shingle roof, wood floors, wood sash etc.)  
Owner—La Grange School District

Geo. A. Bates, president Board of Trustees).  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Contractor—W. H. Johnson, 411 Fairview, Modesto.

## 16—BANKS, STORES AND OFFICES

**To Be Done By Day's Work**  
**ALTER OFFICES** Cost, \$10,000  
**SAN FRANCISCO.** 65 Market St. Alter offices.  
 Owner—Southern Pacific Co., 65 Market Street.  
 Architect—J. H. Christie, 65 Market Street.

**Plans Being Figured**  
**MEDICO-DENTAL BUILDING**  
 Cost, \$ .....  
**OAKLAND.** Alameda Co., Calif. Diamond District.  
 One-story frame medico dental bldg. Owner—Withheld.  
 Architect—G. E. Ellinger, 1801 Castlerline Road, Oakland.  
 Following selected list of contractors are figuring plans:  
 Villadsen Bros., Inc., 354 Hobart Street.  
 Olaf Petersen, 3626 Rhoda Ave.  
 George Swanstrom, 1615 78th Ave.  
 Mark Bristol & Co., Inc., 1038 McKinley Ave.  
 All of Oakland.  
 Definite closing date will be announced shortly.

**Plans Being Figured—To Close June 1st, P. M.**  
**DRIVE-IN MARKET** Cost, \$10,000  
**MODESTO, Calif.** Eighth Street.  
 One - story frame, tile and concrete drive-in market building.  
 Owner—Withheld.  
 Architect—G. N. Hilburn, 1213 I St., Modesto.  
 Plans are being figured by a selected list of contractors.

**Contract Awarded**  
**OFFICE BLDG.** Cont. Price, \$6390  
**LAKEPORT, Lake Co., Calif.**  
 One-story frame office building.  
 Owner—Dr. Hill, e/o architect.  
 Architect—John Easterly, Healdsburg and Santa Rosa.  
 Contractor—C. E. and P. M. Beach, P. O. Box 457, Lakeport.

**PLANS BEING FIGURED**  
**LOS ANGELES, Calif.**—Architects Norstrom & Anderson, 424 Insurance Exchange Building, are taking bids from a selected list of contractors for a two-story office building 40x100 feet in area, to be built at 950 Wilshire Blvd. for the California State Chamber of Commerce. Cost, \$25,000.

**Low Bidder**  
**STORE & OFFICE** Cost, \$ .....  
**VALLEJO, Solano Co., Calif.** Capitol St.  
 Remodel existing two-story building to accommodate three stores on first floor and law offices on second.  
 Owner—City Attorney Russell F. O'Hara, Vallejo.  
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.  
 Low Bidder—James Bitcon, 628 Louisiana St., Vallejo.

**Sub Contract Awarded**  
**ADDITION** Cost, \$80,000  
**OAKLAND, Alameda Co., Calif.** 11th and Washington Streets.  
 Addition of one-story (23,000 sq. ft.) to Whitthorne & Swan store bldg. of reinforced concrete. Class C construction.  
 Owner—Hale Bros. Inc.  
 Architect—George T. deColmenil, de Young Bldg., San Francisco.

Engineer—L. H. Nishkian, 525 Market St., San Francisco.  
 Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.  
**Hardwood Floors—Aetna Hardwood Floor Co.,** 951 Buchanan St., San Francisco.

As previously reported:  
**Ornamental Iron—Star Ornamental Iron Works,** 227 Bay Street, San Francisco.  
**Tile—Meiring Tile Co.,** 1701 University Ave., Oakland.  
**Plumbing—Max Pinzel Plumbing Co.,** 2625 Hopkins St., Oakland.  
**Heating—The Scott Company,** 113 Tenth St., Oakland.  
**Electric—Kerr & Clifford,** 3525 E. 14th St., Oakland.

**Contract Awarded**  
**PAINTING** Cost, \$ .....  
**VACAVILLE, Solano Co., Calif.**  
 Painting interior and exterior of the First National Bank Bldg.  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans prepared by Construction Department of Owner.  
 Contractor—Balboa Paint Co., Inc., 1253 9th Ave., San Francisco.

**PLANS COMPLETED**  
**VERNON, Los Angeles Co., Calif.**—Safeway Store, 1925 E. Vernon Ave., Vernon, will start work shortly on the erection of an office and cafeteria building at 1925 E. Vernon Avenue. Cost, \$65,000.

**Bids Opened**  
**STORE & OFFICE** Cost, \$ .....  
**VALLEJO, Solano Co., Calif.** Capitol St.  
 Remodel existing two-story building to accommodate three stores on first floor and law offices on second.  
 Owner—City Attorney Russell F. O'Hara, Vallejo.  
 Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Following figured plans:  
 James Bitcon, 628 Louisiana St.  
 George Barenchil, 921 Kentucky St.  
 Robert Hathaway, 1201 Tennessee Street.  
 Bids are in and have been forwarded to architect for computation to determine low bidder. Announcement shortly.

**Roofing Contract Awarded**  
**BUILDING** Cost, \$2,000,000  
**SAN FRANCISCO.** Tenth and Market Streets.  
 Eight-story reinforced concrete bldg. to house Western Furniture Exchange, with 11-story tower; 52-800 sq. ft. of floor space to each floor (approximately 200 tons of structural steel involved).  
 Owner—Capital Co., 625 Market St.  
 Plans by Construction Department of Owner.

Structural Engineer—L. H. Nishkian, 525 Market Street.  
 Mechanical Engineer—Leland & Haley, 88 Sutter Street.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Roofing—J. W. Bender Roofing and Paving Co.,** 1999 Brvant Street.  
 Complete sub-contracts awarded to date published Nov. 23, Jan. 12, Feb. 5, Feb. 11, Mar. 12, Mar. 19, Apr. 5 and April 21.

**Correction in Bids**  
**STORE BLDG.** Cont. Pr. \$29,010  
**SANTA ROSA, Sonoma Co., Calif.**  
 One-story and mezzanine reinforced concrete store building (180x85 ft.).  
 Owner—Stone Furniture Co.  
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
 Low Bidder—W. D. Rapp, 1413 17th St., Santa Rosa.  
 Complete bids follow:

Wm. D. Rapp, Santa Rosa.....\$29,010  
 C. W. Hansen, Santa Rosa..... 29,627  
 Adam Arras, S. F..... 33,256  
 L. Dioguarda, Sebastopol..... 35,500  
 Moore & Roberts, S. F..... 39,998  
 Lindgren & Swinerton, Inc., San Francisco ..... 40,354  
 Two high bids were previously reported in error.

**Sub Contract Awarded**  
**OFFICE BLDG.** Cost, \$400,000  
**SAN FRANCISCO.** Sansome Street, between Pine and California.  
 Six-story Class A office building.  
 Owner—Insurance Company of North America.  
 Architect—Office of George W. Kelham, 315 Montgomery St.  
 Structural Engineer—H. J. Brunner, Sharon Bldg.  
 Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Bldg.  
**Furnish & Erect Pile Foundations—** M. B. McGowan, Inc., 74 New Montgomery St.

As previously reported:  
 Ornamental Iron—Monarch Iron Works, 262 Seventh St.  
 Marble—American Marble Co., P.O. Box 578, South San Francisco.  
 Painting—J. H. Mohr, Inc., 960 7th St.  
 Metal Windows—Truscon Steel Co., 604 Mission St.  
 Glass & Glazing—W. P. Fuller & Co., 301 Mission St.  
 Granite—McGillvray-Raymond Corp., 3 Potrero Ave.  
 Interior Tile Work—Malott & Peterson, 2412 Harrison St.  
 Ornamental Bronze—Keystone Metal & Plating Works, 310 Tehama St.

**Contract Awarded**  
**ALTERATIONS** Cost, \$50,000  
**SAN FRANCISCO.** NE California & Battery Streets.  
 Alter office building.  
 Owner—White Investment Co., 260 California Street.  
 Architect—Wren C. Perry, 260 California Street.  
 Engineer—T. Ronneberg, Crocker Building.  
 Contractor—Dinwiddie Const. Co., 20 Crocker Bldg.

**Sub Contracts Awarded**  
**STORE BLDG.** Cost, \$7,000  
**BURLINGAME, San Mateo Co., Cal.**  
 226 Lorton Road.  
 New store building.  
 Owner—Herman W. Albert.  
 Architect—Not Given.  
 Contractor—Mooney & MacDonald, 1473 Burlingame Ave.

**Roofing—C. L. Frost Co.,** 165 Webster St., Monterey.  
**Plumbing—Herbert I. Lauder,** 218 Lorton Ave., Burlingame.  
**Electric Wiring—Mausser Electric Co.,** 260 Lorton Ave., Burlingame.  
**Sheet Metal—Garvey Sheet Metal Works,** 1206 Donnelly Ave., Burlingame.  
**Glass—W. P. Fuller Glass Co.,** 301 Mission St., San Francisco.  
**Brick, Tile and Hollow Tile—Person & Wik.**  
**Grading—L. C. Smith,** 235 3rd Ave., San Mateo.  
**Lumber—McElroy Lumber Co.,** 237 Bayshore Blvd., San Mateo.  
**Hardware—Wisnom Hardware Co.,** 201 2nd Ave., San Mateo.  
**Lathing & Plastering—Paul Venturilli,** 943 N. Idaho St., San Mateo.  
**Concrete—Kassner & Baker.**  
**Overhead Doors—E. R. Perry.**  
**Steel Sash—Parker & Carpenter,** 604 Mission St., San Francisco.

**Complete Construction Reports—**  
 Building and Engineering News  
 of California and Principal  
 Projects in all Other  
 Western States  
 —in—

"Daily Pacific Builder"

## 17—THEATRES

## PLANS BEING FIGURED

BRAWLEY, Imperial Co., Calif.—B. Aranda, Brawley, is taking bids for reinforce concrete theater bldg. 50x130 ft. to be built in Brawley for himself; seating capacity, 750. Walter Webber, architect, 627 S. Carondelet St., Los Angeles.

## Plans Being Completed

THEATRE Cost, \$.....  
RIVERSIDE, Riverside County, Cal. SW Cor. Market and 12th Sts. Two-story Class A motion picture theatre, store and office building (115x158 ft.), will contain a theatre to seat 1000; five storerooms and several offices; reinforced concrete construction; concrete and wood floors; plate glass; air conditioning system, etc.

Owner—Hunt Theatres, Inc., and Fox West Coast Theatre Corp., 1609 W. Washington Blvd., Los Angeles.

Architect—S. Charles Lee, 381 Bush St., San Francisco, and 1648 Wilshire Blvd., Los Angeles.

Bids will be taken in about a week in Mr. Lee's Los Angeles office.

## 18—WHARVES &amp; DOCKS

## CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, awarded contract by the Moore Drydock Co., 1040 Adeline St., Oakland, for repairs to Wharves Nos. 4 and 7, at the Moore Drydock Oakland plant.

## BIDS OPENED

MARIN COUNTY, Calif.—Duncanson-Harrelson Co., 1404 deYoung Elg, San Francisco, at \$209,794 submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, Custom House, under Bid No. 868-37-275, for the removal and disposal of approximately 8,500 sq. ft. of the existing Quartermaster Wharf and the construction of a reinforced conc. abutment and wharf of approximately 29,500 sq. ft. at Fort Baker, Marin County.

Work consists of the construction of a submarine mine wharf in Horse-shoe Bay, adjacent to the existing Quartermaster Wharf at Fort Baker, and involves the removal and disposal of a part of the existing Quartermaster wharf and the relocation of an existing coal bunker supported on the existing wharf at Ft. Baker; the construction of a reinforced concrete abutment together with the excavation and backfilling for same; and the construction of a reinforced concrete wharf and approach thereto, the wharf and approach to be complete with fenders, fender piles, curbs, electrical and telephone conduit and junction boxes, 36-in. gauge railway tracks, asphalt concrete surface, asphalt under-deck coating, drains, and mooring bits and cleats.

Bids were taken as follows:

- (a) Lump sum, move and relocate existing coal bunker and a telephone pole;
- (b) Lump sum, remove existing fender piles and wharf-deck structure;
- (c) 22 each, remove existing concrete piles by pulling;
- (d) 22 each, remove existing concrete piles by cutting;
- (2a) 220 c.y. structure excav.;
- (2b) 250 c.y. backfill;
- (3) 1,470 c.y. concrete (Class A), including underdeck waterproofing;
- (4) 217,000 lbs. reinforcing steel (for Class A concrete);

- (5a) 23,000 lf. vertical concrete piles;
- (5b) 4,200 lf. batter concrete piles;
- (5c) 2,350 lf. concrete piles, rock anchorage type;

- (6) 7,450 lf. creosoted wood fender piles;
- (7) 39 MFMB creosoted timber;
- (8a) 23,000 lbs. railroad track and fittings;

- (8b) 389 each, structural steel protector shoes for concrete piles;
- (8c) 13,900 lbs. hardware, bolts, pipe sleeves and ogee washers;

- (8d) 1,660 lbs. structural steel plates and washers;
- (8e) 150 lbs. corrosion-resisting steel bolts;

- (9a) 67 each, cast-iron penetrating shoes for concrete piles;
- (9b) 7 each, cast-iron mooring bits;
- (9c) 8 each, cast-iron mooring cleats;
- (9d) 2,300 lbs. special cast-iron washers;

- (10a) 870 lf. fiber conduit;
- (10b) 70 lf. metal conduit;
- (10c) 3 each, junction boxes, Type A;
- (10d) 5 each, junction boxes, Type B;

- (11) 29,700 sq. ft. asphalt concrete pavement.

Total bids follow:  
(A) Duncanson-Harrelson Co., San Francisco, \$209,794.00.

(B) A. W. Kitchin & Co., San Francisco, \$227,800.00.

(C) Engineer's estimate, \$156,799.

Unit bids follow:

	(A)	(B)	(C)
(1a).....	\$650.00	\$516.00	\$1025.00
(1b).....	2200.00	10153.00	5800.00
(1c).....	64.50	40.00	40.00
(1d).....	75.00	52.50	54.00
(2a).....	6.10	15.00	5.00
(2b).....	1.65	1.75	1.00
(3).....	20.60	22.75	15.50
(4).....	.065	.653	.05
(5a).....	4.14	3.92	3.00
(5b).....	5.00	4.50	3.10
(5c).....	5.10	12.00	4.00
(6).....	1.10	.94	.80
(7).....	130.00	146.60	90.00
(8a).....	.175	.198	.12
(8b).....	6.50	6.32	5.00
(8c).....	.69	.678	.08
(8d).....	.06	.068	.05
(8e).....	1.20	1.10	.20
(9a).....	8.60	7.70	6.00
(9b).....	120.00	116.00	130.00
(9c).....	61.00	58.00	70.00
(9d).....	.29	.34	.10
(10a).....	.32	.58	.20
(10b).....	2.20	1.90	.20
(10c).....	40.00	45.00	5.00
(10d).....	33.00	28.00	5.00
(11).....	.20	.153	.10

Plans and Specifications Approved WHARF & BLDG. Cost, \$.....

SAN FRANCISCO, Piers 35 and 37, Connecting wharf and building at Piers 35 and 37.

Owner—State of California (Board of Harbor Commissioners) Ferry Bldg.

Engineer—Frank G. White, Ferry Bldg.

## 19—MISC. CONSTRUCTION

## BIDS WANTED

FRESNO, Cal.—Until June 3, 11 A. M., bids will be received by Fresno City Commission, H. S. Foster, City Clerk, City Hall, for furnishing and installing a cooling system at Fresno City Water and Waste Disposal Department office at 1926 Tuolumne St., Fresno.

Specifications obtainable from the above office.

## To Be Done By Day's Work

ADDITION Cost, \$12,000  
ST. HELENA, Napa Co., Calif.  
Reinforced concrete wine vat (20 ft. high and 42 ft. square), with a capacity of 180,000 gallons.

Owner—L. M. de Martini, Kingsburg, Engineer—Alfred P. Fisher, 111 Sutter St.

Correction in Owner's Name  
ADDITION Cost, \$12,000  
ST. HELENA, Napa Co., Calif.

Reinforced concrete wine vat (20 ft. high and 42 ft. square), with a capacity of 180,000 gallons.

Owner—L. M. Martini Grape Products, Kingsburg.

Engineer—Alfred P. Fisher, 111 Sutter St.

Work will be done by day labor.

Bids Wanted — To Close June 7, 5

P. M.  
SWIMMING POOL Cost, \$.....  
BAKERSFIELD, Kern Co., Calif.

Alterations and repairs to swimming pool in Beale Park.

Owner—City of Bakersfield (V. Van Riper, City Clerk).

Plans by City Engineer.

Plans and specifications obtainable from the office of the City Engineer.

## PREPARING PLANS

SAN CLEMENTE, Orange County, Calif.—Architect Charles A. Hunter, Laguna Beach, is preparing plans for a dance hall to be built in San Clemente for the Capital Co. Cost, \$25,000.

Bids Opened — Held Under Advi-

ment  
ALTERATIONS Cost, \$.....  
SAN FRANCISCO, Presidio Golf Club.

Alterations and additions to club house (new cocktail lounge and dining room, etc.).

Owner—Presidio Golf Club.

Architect—Conrad T. Kett, 519 California St.

Plans were figured by a selected list of contractors.

Bids exceeded estimated cost and are being held under advisement.

## CONTRACT AWARDED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend Street, at \$147 awarded contract by the Department of Public Works, City Hall, for furnishing and installing acoustical Celotex 12x12-in. tile on entire ceiling and down four side walls from ceiling to top of picture mold in Rm. No. 206, at Health Center Building, Grove and Polk Streets.

Bids Wanted—To Close June 16,

RACING STABLE Cost, \$.....  
SANTA ROSA, Sonoma Co., Cal. Fair Grounds.

Fifty-stall racing stable.

Owner—Sonoma County Fair Assn.

Architect — Wm. Herbert, Rossberg Bldg., Santa Rosa.

## 20—MISC. SUPPLIES AND MATERIALS

## BIDS REJECTED

OAKLAND, Alameda Co., Calif.—All bids received May 18 by the Oakland City Council for automotive lubricating oil, 50-60 road oil and street lanterns have been rejected. The purchasing officer has been instructed by the council to purchase these materials in the open market.

## BIDS WANTED

OILDALE, Kern Co., Calif.—Until June 15, 7:30 p.m., bids will be received by Standard School District, Oildale, for 150 Universal type desks, quotations to be on various sizes in quantities of 150. Alternate bids requested for addition of sight-saving hook boxes. Samples to be exhibited one week prior to bid opening date. Arthur Hill, Clerk.

**CONTRACTS AWARDED**

**OAKLAND, Calif.** — Contracts for furnishing miscellaneous materials for the fiscal year have been awarded by the Oakland City Council, W. W. Chappel, City Clerk, as follows: **Expansion Joint Filler**—Western Asbestos Co., 608 16th St., Oakland. **Cast Iron Pipe**—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley. **Brick**—Remillard, Dandini Co., 569 Third St., Oakland. **Sulphur Silicate Joint Compound**—Atlas Mineral Products Co., 41 Arguello Blvd., San Francisco. **Emulsified Asphalt Premix**—Heafey-Moore Co., 344 High St., Oakland. **Emulsified Road Oil and Emulsified Road Oil Mixing Grade**—American Bitumuls Co., 4525 San Leandro, Oakland.

**BIDS OPENED**

**UPPER SNAKE RIVER PROJ., Idaho**—Following bids received by the Bureau of Reclamation, Denver, under Spec. No. 926-D, for furnishing one 39-in. inside diameter, welded plate-steel outlet pipe for installation in the outlet works at Grassy Lake Dam, Upper Snake River Project, Idaho: **Thompson Mfg. Co., Denver:** \$3,282 fob Ashton, Idaho; ½% discount; weight, 47,040 lbs. **Hydraulic Supply Mfg. Co., Seattle:** \$4,623, fob Seattle; 1%; 48,500 lbs.

**California Steel Products Co., San Francisco:** \$4,374; fob San Francisco; net; 48,000.

**Berkeley Steel Const. Co., Berkeley:** \$4,160, fob Berkeley; ¼%; 52,000 lbs.

**Provo Foundry & Machine Company, Provo:** \$4,129.60, fob Ashton; net; 50,000 lbs.

**Beall Pipe & Tank Corp., Portland:** \$3,919; fob Ashton; \$3,568, fob Portland; net; 50,500 lbs.

**Southwest Welding & Mfg. Co., Inc., Alhambra:** \$2,977; fob Alhambra; ½%; 43,000 lbs.

**Western Pipe & Steel Co., S. F.:** \$4,275; fob San Francisco; net 48,800 lbs.

**Bethlehem Steel Co., Bethlehem, Pa.:** \$3,858; fob Leetsdale; net.

**Treadwell Const. Co., Midland, Pa.:** \$4,280, fob Midland; net; 55,000 lbs.

**Steel Tank & Pipe Co., Portland:** \$3,570; fob Portland; 1%; 47,500 lbs. **John W. Beam, Denver:** \$4,160; fob Chicago; ½%; 51,000 lbs.

**CONTRACT AWARDED**

**OAKLAND, Cal.**—Federated Metals Corp., 75 Folsom St., San Francisco, at \$2,069 awarded contract by East Bay Municipal Utility District, Oakland, under Informal Proposal No. 874, for furnishing 20 tons of copper silphate.

**CONTRACT AWARDED**

**OAKLAND, Cal.**—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$55,970 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. L.S. 191, for furnishing 59,000 Lf. of cast iron pipe.

**BIDS OPENED**

**SACRAMENTO**—Bids for furnishing and delivering miscellaneous castings, etc., under Bid No. 1105-37-218, were opened by the U. S. Chambers, District Engineer, Sacramento, May 26.

Bids were taken as follows:  
 (1) 2 each, 20-in. check valve;  
 (2) 1 lot, suction pipe;  
 (3) 1 only, suction hood;  
 (4) 1 lot, suction taper flange filler, etc.;  
 (5) 1 only, stuffing box and gland;  
 (6) 1 only, hull thimble and flange;  
 (7) 1 only, suction pipe "S" bend;

- (8) 1 only, suction taper connection;
- (9) 1 only, pump discharge;
- (10) 1 only, discharge pipe elbow;
- (11) 1 only, discharge pipe bend;
- (12) 1 only, discharge pipe "S" bend;
- (13) 1 lot, discharge pipe;
- (14) 1 only, impeller pattern.

Complete bids follow:  
 Western Pipe & Steel Co., S. F.—  
 (2) \$1075; (13) \$853; delivery, 50 da.; no discount.

Monarch Foundry & Engrg. Co.—  
 (1) \$269.50; (3) \$130; (4) \$70; (5) \$114; (6) \$340.70; (7) \$347.55; (8) \$98; (9) \$49.65; (10) \$397.90; (11) \$131.80; (12) \$297.

General Engineering & Drydock Co., San Francisco—(1) \$655; (4) \$182; (5) \$196; (6) \$520; (7) \$869; (8) \$304; (9) \$143; (10) \$542; (11) \$263; (12) \$477; (14) \$667.

Neptune Machine Works, S. F.—  
 (4) \$83; (5) \$93; (6) \$387.

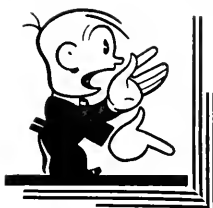
Golden State & Miners Iron Works, S. F.—(1) \$329; (2) \$182; (4) \$114.50; (5) \$133.72; (6) \$394; (8) \$402; (9) \$76; (11) \$220; (12) \$521; (14) \$399. **Union Machine Co., S. F.**—(1) \$294; (3) \$247; (4) \$167; (5) \$121; (6) \$390; (7) \$563; (8) \$284; (9) \$68; (10) \$632; (11) \$192; (1) \$424; (14) \$345.

Stockton Iron Works, Stockton—(5) \$110; (8) \$133; (9) \$72.50.

Pacific Coast Engineering Co., Oakland—(1) \$280; (2) \$990; (2-alt.) \$840, 60 days delivery; (3) \$170; (4) \$170; (9) \$75; (10) \$425; (11) \$175; (12) \$365; (13) \$120; (13-alt.) \$630, 90 days delivery; (14) \$575.

**CONTRACT AWARDED**

**HEALDSBURG, Sonoma Co., Cal.**—Healdsburg Concrete Pipe Co., at \$4.44 per ft., awarded contract by the City Council for furnishing 2,300 ft. of reinforced concrete pipe for use on a storm drain project in the north end of the city.



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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 11—Bridges                         | 30—Recreators and Dams              |
| 22—Dredging, Harbor Works, Excava. | 31—Pipe, Lines and Irrigation Freq. |
| 23—St. Light Systems               | 32—Sewers & Sewage Disposal Plants  |
| 24—Machinery and Equipment         | 33—Water Works                      |
| 25—Railroads                       | 34—Parks & Playgrounds              |
| 27—Fire Alarm Syst.                | 35—Tunnels                          |
| 28—Fire Equipment                  |                                     |
| 29—Streets & Highways              |                                     |

## 21— BRIDGES

### CONTRACT AWARDED

**SAN JOAQUIN COUNTY, Calif.**—Earl W. Heple, 494 Delmas Avenue, San Jose, at \$212,364.50 awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway at Wilson Way, Stockton, consisting of a steel and concrete structure, and approximately 0.29 mile of paving with portland cement concrete and asphalt concrete.

### PLANNED

**SANTA CRUZ COUNTY.**—The Bd. of Supervisors has instructed County Engineer Lloyd Bowman to prepare plans and specifications for a concrete bridge to cross Aptos Creek on the Rio Del Mar Road. Estimated cost, \$6,500.

### LOW BIDDER

**SAN LUIS OBISPO CO., Calif.**—Vasley Construction Co., San Jose, at \$5820, submitted the low bid to the District Engineer, L. H. Gibson, State Division of Highways, 5 Higuera St., San Luis Obispo, for the construction of a bridge across Arroyo Laguna in San Luis Obispo County, about 2 mi. north of San Simon.

### BIDS OPENED—REJECTED

**SONOMA CO., Calif.**—John Rocca, Santa Rosa, at \$7,664.01, submitted the low bid to the Sonoma County Board of Supervisors, Court House, Santa Rosa, for the construction of three timber bridges and approach fills over the Laguna on Molino Rd.

The work involves:  
(1) 20x55 ft. h.m. Redwood lumber;  
(2) 3,450 lb. Redwood piles;  
(3) 1,140 lbs. bolts, plates, drift pins and washers.

(4) Removal of present bridge;  
(5) 9,000 cu. approach fills.  
Complete bids follow:

(A) John Rocca, Santa Rosa	\$7,664.01
(B) Robinson & Robinson, Healdsburg	\$5,077.74
(C) John Zanucci, Santa Rosa	\$4,212.60
(D) E. A. Forde, San Anselmo	\$1,589.72

Unit bids follow:	(A)	(B)	(C)	(D)
(1)	\$22.00	\$22.50	\$20.00	\$12.00
(2)	.60	.65	.65	.75
(3)	.12	.10	.10	.15
(4)	330.00	855.00	620.00	—
(5)	35.00	41.43	43.68	—

All bids were rejected due to insufficient funds for the project. The Board is contemplating doing the job by day work.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**MARE ISLAND.**—Bids are being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8248, for the construction of a graving dry dock, including quay walls, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, drains, piping, railings, wood floors and dock fittings, at the Mare Island Navy Yard. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 ft. wide, and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

### \* \* \* \* \*

**SAN DIEGO.**—Until June 15, 11 a. m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8495, for additional facilities for parking seaplanes at the Naval Operating Base (Air Station), San Diego.

The work consists in general of the provision of materials for and the construction of (a) an inclined crosstied timber seaplane runway 40 feet wide extending outward over and into the water, a distance of approximately 190 feet; (b) sections of concrete bulkhead wall approximately 1200 feet long; and (c) 5 inch thick concrete pavement approximately 290,000 square feet. The work on the runway includes crosstied timber piles supporting crosstied timber caps, stringers, deck planking, guard rails, etc., all secured together and to the timber piles with galvanized straps, bolts, spikes and miscellaneous iron work. The work on the bulkhead wall includes untreated timber piles for foundation and concrete materials for superstructure. Pavement in general will be one-course Portland cement concrete, and includes the grading, and the preparation of subgrade.

Plans and specifications obtainable from the above office upon deposit of \$10 in the form of a check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

### BIDS WANTED

**YUMA, Ariz.**—Until 10 A. M., June 28, bids will be received by Bureau of Reclamation, Federal Bldg., Yuma for construction of Pilot Knob check and wasteway, Sta. 1093 plus 92. All-

American Canal, located about 5 mi. west of Yuma. Work involves:

597,000 c.y. excavation;  
500 c.y. compacting fills;  
440 c.y. reverse filters;  
37,500 c.y. backfill;  
7,810 c.y. concrete in struc. except floor slabs;

4,550 c.y. concrete in floor slabs;  
1,700 sq. yds. of dry rock paving;  
2,100 c.y. riprap;

Place 1,830,500 lbs. of reinf. bars;  
Install 6,285 LF. of rubber water stops;

Install 5,840 sq. ft. of elastic joint-filler material;  
Construct 300 ft. of 6-in. dia. sewer pipe drains;

Construct 780 ft. of 6-in. dia. CI pipe drains;

Erect 86,000 lbs. of struc. steel in RR bridge;

Erect 12 MFMB of timber in do;  
Construct 8 MFMB of timber in railings;

Install 288,200 lbs. of metalwork;  
Install 3,600 ft. of electric metal conduit;

Install 500 lbs. of electric conductors, and

Install 4,000 lbs. of elec. apparatus.

Specifications obtainable from the above office upon payment of \$3.50 per copy; no charges to prospective bidders. Proposal guarantee, 10%.

## 23— CANALS

### BIDS WANTED

**GILA PROJECT, Arizona.**—Until June 17, 10 a. m., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, R. B. Williams, Construction Engineer, under Spec. No. 931-D, for the preparation of concrete aggregates for the Gila Project, Arizona.

The work is located near Yuma, and the principal items of work involved are:

(1) 150,000 c.y. stripping gravel deposits;  
(2) preparing and stockpiling 261,000 c.y. of sand and gravel.

Work shall be commenced within 30 calendar days and completed within 300 calendar days from the date of receipt of notice to proceed.

Specifications and drawings obtainable from the Bureau of Reclamation at Yuma or Denver, without charge to prospective bidders; to others, \$0.25, not returnable.

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

**ALL-AMERICAN CANAL.**—Bethlehem Steel Co., Bethlehem, Pa., at \$41,104.41 awarded contract by the U. S. Bureau of Reclamation for furnishing 1,219,752 pounds of steel sheet piling for use in construction of the All-American Canal.

### AWARDS RECOMMENDED

**BONNEVILLE, Oregon.**—Bids for furnishing 115 kv. disconnecting switches and 115 kv. bus insulators were opened by the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, May 14, under Bid No. 694-57-343, and award of contracts recommended as follows:

Pacific Electric Mfg. Corp., San Francisco—Schedule II, under AIT "B"—\$28,642.

Victor Insulators, Inc., Victor, N. Y.; Schedule IV, under AIT "A"—\$18,951.80.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California



Bids were taken as follows:

**SCHEDULE 1:**

- (1) 20 each, disconnecting switches, 600 amp, 115 kv, TPST, outdoor type, manually gang operated, complete with insulators;
- (2) 3 each, disconnecting switches, same as Item 1, but equipped with TP manually gang operated grounding blades.

**SCHEDULE 1 I:**

- (1) 20 each, disconnecting switches, 600 amp, 115 kv, TPST outdoor type, manually gang operated, less insulators;
- (2) 3 each, disconnecting switches, same as Item 1, but equipped with TP manually gang operated grounding blades.

**SCHEDULE III:**

- (1) 594 each, insulators, porcelain pedestal type, complete with cap screws and split lock washers;
- (2) 2 each, insulators, porcelain 10-inch disc, ball and socket type.

**SCHEDULE IV:**

- (1) 1215 each, insulators, porcelain pedestal type, complete with cap screws and split lock washers;
- (2) 112 each, insulators, porcelain 10-inch disc, ball and socket type.

Bids were received for alternate delivery as follows:

"A": Delivery f.o.b. cars at factory shipping points for shipment under Government bills of lading to be furnished by the Government.  
 "B": Delivery f.o.b. railroad cars at Bonneville, Oregon.

Complete unit bids follow:  
 Jobbers Supply Co., Portland—Alt. "B", Schedule III—(1) \$20.40; (2) \$1.68; Schedule IV—(1) \$20.40; (2) \$1.68.  
 Victor Insulators, Inc., Victor, N. Y.—Alt. "A": Schedule III: (1) \$13.15; (2) \$1.40; Schedule IV: (1) \$13.00; (2) \$1.40; Alt. "B": Schedule III: (1) \$15.15; (2) \$1.59; Schedule IV: (1) \$15; (2) \$1.59.

Bowie Switch Co., San Francisco—Alt. "B": Schedule I: (1) \$1.704; (2) \$2.166; Schedule II: (1) \$1.272; (2) \$1.734; Schedule III: (1) \$20.40; (2) \$1.68; Schedule IV: (1) \$20.40; (2) \$1.68.

Ohio Brass Co., Mansfield, Ohio—Alt. "B": Sched. III: (1) \$20.40; (2) \$1.68; Sched. IV: (1) \$20.40; (2) \$1.68.

General Electric Co., Schenectady, N. Y.—Alt. "B": Sched. I: (1) \$1.639; (2) \$2.111; Sched. II: (1) \$1.207; (2) \$1.679; Sched. III: (1) \$20.40; (2) \$1.68; Sched. IV: (1) \$20.40; (2) \$1.68.

Lapp Insulator Co., LeRoy, N. Y.—Alt. "B": Sched. III: (1) \$20.40; (2) \$1.68; Sched. IV: (1) \$20.40; (2) \$1.68.

Pacific Electric Mfg. Corp., San Francisco—Alt. "B": Sched. I: (1) \$1.704; (2) \$2.166; Sched. II: (1) \$1.272; (2) \$1.734; Sched. III: (1) \$20.40; (2) \$1.68; Sched. IV: (1) \$20.40; (2) \$1.68.

Railway & Industrial Engineering Co., Greensburg, Pa.—Alt. "B": Sch. I: (1) \$1.704; (2) \$2.166; Sch. II: (1) \$1.272; (2) \$1.734; Sch. III: (1) \$20.40; (2) \$1.68; Sch. IV: (1) \$20.40; (2) \$1.68.

General Elec. Supply Corp., Portland—Alt. "B": Sch. III: (1) \$20.40; (2) \$1.68; Sch. IV: (1) \$20.40; (2) \$1.68.

Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.—Alt. "B": Sch. I: (1) \$1.712.40; (2) \$2.179.50; Sch. II: (1) \$1.280.40; (2) \$1.742.50; Sch. III: (1) \$20.40; (2) \$1.68; Sch. IV: (1) \$20.40; (2) \$1.68.

**BIDS OPENED**

OAKLAND, Calif.—American - LA France and Foamite Industries, Inc.,

231 14th St., Oakland, at \$10,351.50, submitted the low bid to the Oakland City Council, City Hall, for furnishing a city service fire truck and chassis for the fire department.

Complete bids follow:  
 American LA France and Foamite Industries, Inc.—\$10,351.50.  
 Mack Truck Sales Co., Oakland—\$12,611.45.

Bids taken under advisement. \*

**BIDS OPENED**

SAN FRANCISCO.—Following bids received by the Procurement Office, Treasury Department, Room 514 49 Fourth St., San Francisco, under Bid No. 3352, for the rental of four 1/2-ton pick-up trucks, for hand loading, for use on WPA projects, f.o.b. 1155 Page St., San Francisco:  
 L. Anderson, S. F.—\$50 per month each; net.  
 Evans Auto & Truck Rental, S. F.—\$37.50 each per month; net.  
 Lerer Bros., S. F.—\$58 per mo., 10% 20 days; \$58 per mo., 6% 20 days; \$60 per mo., 5% 20 days; \$60 per mo., 5% 20 days (four different models).

**BIDS OPENED**

SAN FRANCISCO.—Bay Equipment Co., 255 Bay Shore Blvd., San Francisco, at \$100 per month, net, submitted low bid to the Procurement Office, Treasury Department, Room 514, 49 Fourth St., under Bid No. 3351, for the rental of one No. 10S concrete mixer, 1/2-cy. capacity, for use on WPA projects, f.o.b. Moscow St. and Geneva Ave., San Francisco.

Edward R. Bacon Co., San Francisco, at \$140 per month, net, submitted the only other bid.

**BIDS OPENED**

MENDOCINO AND LAKE COUNTIES.—Dewar's Express, Eureka, at \$5.50 per hour, submitted the only bid received by the State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one 1200 or 1500-gal. tank truck for approximately 150 hours, for use in Mendocino and Lake Counties.

**BIDS OPENED**

HIGHLAND PARK, Kern Co., Cal.—Following bids received by the Bd. of Directors of Highland Park Public Utility District, Kern County, Warren Stockton, 416 Arvin St., Bakersfield, clerk, for furnishing and installing a natural gas engine to operate a deep well turbine pump:  
 LeRoi-Rix Machinery Co., LeRoi Engine, \$371.

Wasco Hdw. Co., Twin City Engine, \$374.65.  
 Fairbanks, Morse & Co., Climax engine, 97 hp, \$380.  
 Frazier-Wright Co., Waukesha, 100 hp, \$458; alternates (also Waukesha), \$4013 and \$3735.  
 Eberts Lane, 412 Arvin St., Bakersfield, manager.

Bids held under advisement.

**CONTRACT AWARDED**

QUINCY, Wash.—Wells & Wade, Wenatchee, at \$2588 on Fairbanks, Morse pump, awarded contract by the Quincy City Council, Ralph A. Spanjer, City Clerk, for furnishing one motor driven turbine pump with motor and controls.

Complete bids follow:  
 Wells & Wade, Wenatchee; Fairbanks-Morse pump, \$2588 and \$1722.  
 John Bean Mfg. Co., San Jose  
 Peerless pump, \$2123.  
 R. M. Wade & Co., Portland; Pomona pump, \$2095.  
 Austin Henderson, Spokane; Johnston pump, \$2247.  
 Crane & Co., Spokane; Worthington pump, \$2358.  
 Palmer Supply Co., Seattle; Kimball-Krogh pump, \$2398.

**CONTRACTS AWARDED**

LOS ANGELES, Calif.—Contracts for electrical equipment awarded by Los Angeles Water & Power Commission May 25 were:

Spec. 2300, to Kelman Electric & Mfg. Co., at \$92,110, for rebuilding and converting oil circuit breakers; bids were opened May 14.

Spec. 2281, to General Electric Co., at \$3401 for 2 constant current transformers; bids were opened May 18.  
 Spec. 2264, to Westinghouse Elec. & Mfg. Co. for items 1 and 2, feeder voltage regulators at \$49,127.20; item 3 was rejected; bids were opened on May 11.

**29—STREETS AND HIGHWAYS**

**BIDS WANTED**

LOS ANGELES CO., Calif.—Until June 24, 2 p.m., bids will be received by Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying road-mix surface treatment to about 7.1 miles of shoulders between Las Flores Canyon and West Channel Road in Los Angeles County.

The work involves:  
 (1) 700 tons liquid asphalt, SC-2;  
 (2) 165,000 sq. yds. preparing, mixing and shaping shoulders;  
 (3) 61,300 lf. remove existing header boards.  
 Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

SANTA CLARA COUNTY, Calif.—A. J. Raesch, 358 Lincoln Ave., San Jose, at \$20,919, submitted the low bid to the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Saratoga Ave. from Prospect to a point near Fruitvale Avenue.

Total bids follow:  
 A. J. Raesch, San Jose — \$20,919  
 Union Paving Co., S. F. — 21,400  
 The engineers' estimate was \$20,805. Contract was awarded to A. J. Raesch. \*

**BIDS OPENED**

OAKLAND, Calif.—W. H. Larson, 5015 Chabaly Terrace, Oakland, at \$170 per ton, submitted the low bid to the Oakland City Council, City Hall, for the resurfacing of 14th St., between Myrtle and Peralta Sts., involving 2,075 tons of asphaltic concrete mixture.

Complete bids follow:  

Per Ton	
W. H. Larson, Oakland	\$170
Independent Const. Co.	4.85
Union Paving Co., S. F.	4.89
Ransome Co., Emeryville	4.95
Hayes-Moore Co., Oakland	4.97

 Bids taken under advisement.

**CONTRACT AWARDED**

SANTA CLARA CO., Calif.—Union Paving Co., 518 Call Bldg., San Francisco, at \$25,495, submitted the low bid to the Santa Clara County Bd. of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of Fremont Ave. from Permanent Creek Bridge to its intersection with Santa Maria Ave.

Total bids follow:  
 Union Paving Co., S. F. \$25,495.00  
 A. J. Raesch, San Jose 26,321.00  
 The engineer's estimate was \$26,618. Contract was awarded to the Union Paving Company. \*

**CONTRACT AWARDED**

GILA CO., Arizona—Lee Moor Contracting Co., Bassett Tower Bldg., El Paso, at \$75,190 B, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Superior-Miami

Highway, F. A. 16, 1st Reop. (1937), A. E. 7002. The work, which starts near the west city limits of Miami and extends southwesterly toward Superior for a distance of about one mile, consists of grading, draining, and asphaltic surface treatment, and is to be completed on or before December 15, 1937.

#### BIDS WANTED

**KERN CO., Calif.**—Until June 9, 3 p.m., as previously reported, bids will be received by the State Division of Highways, C. H. Purcell, Acting District Engineer, Bishop, for about 0.5 mile grading and treating with liquid asphalt by the road-mix method, in Kern County, near Inyo-kern.

The work involves:

- (1) 3600 c.y. roadway excav. uncl.;
- (2) 60 c.y. struc. excav.;
- (3) 12,000 sta. yds. overhaul;
- (4) 25 sta. finish roadway;
- (5) 6 tons liq. asphalt, SC-2, in place (prime coat);
- (6) 57 tons liq. asphalt, SC-3, in place (road-mix surf. treatment);
- (7) 5700 sq. yds. prepare, mix and shape road;
- (8) 5 tons liq. asphalt, MC-3, in place (seal coat);
- (9) 35 tons sand (seal coat);
- (10) 50 c.y. stockpiling road-mix material;
- (11) 138 ft. 24-in. CMP in place (pipe to be furnished by State);
- (12) 6 culvert markers, in place;
- (13) 22 guide posts in place;
- (14) 10 monuments in place.

The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the above office and on file at the office of DAILY PACIFIC BUILDER.

#### CONTRACT AWARDED

**SISKIYOU COUNTY, Cal.**—Harold Blake, 400 N. Thompson St., Portland, at \$171,882 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 20.3 miles of grading in Siskiyou County between Cougar and Macdoel.

#### BIDS WANTED

**KERN CO., Calif.**—Until June 23, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment to about 2.8 miles of roadway in Kern County, at Rademacher.

The work involves:

- (1) 18,100 c.y. roadway excav., without class;
- (2) 27,900 sta. yds. overhaul;
- (3) 350 c.y. struct. excav.;
- (4) 450 c.y. salvaging exist. surf.;
- (5) 150 sta. finish roadway;
- (6) 35,500 sq. yds. preparing, mixing and shaping road;
- (7) 35 tons liq. asphalt, SC-2 (prime coat);
- (8) 210 tons liq. asphalt, SC-3;
- (9) 670 lf. 24-in. CMP;
- (10) 28 each culvert markers;
- (11) 22 each guide posts;
- (12) 140 c.y. light riprap;
- (13) 37 each monuments, complete, in place.

The State will furnish CMP and band couplers.

Plans and specifications obtainable from office of State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

#### BIDS WANTED

**KERN CO., Calif.**—Until June 23, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Eng., Public Works Bldg., Sacramento, for constructing a

bridge with concrete deck and grading and placing plant-mixed surfacing and applying road-mix surface treatment to about 5.5 miles in Kern County, between Maricopa and Taft.

The work involves:

- (1) 1,400 M. gals. water;
- (2) 294,000 c.y. roadway excav. unclassified;
- (3) 3,000 c.y. excavation for structures;
- (4) 2,000 c.y. ditch excav.;
- (5) 1,270,000 sta. yds. overhaul;
- (6) 290 sta. finishing roadway;
- (7) 10,000 sq. yds. preparing, mixing and shaping roadbed and shoulders;
- (8) 1,050 tons liq. asphalt, SC-3, road mix surf. treatment;
- (9) 10,100 tons mineral aggregate plant-mix surf.;
- (10) 510 tons liq. asphalt, ROMC-4 or ROMC-5 plant-mix surf.;
- (11) 550 c.y. Class A portland cement conc. strucs.;
- (12) 63,000 lbs. bar reinf. steel;
- (13) 578 lf. 8-in. CMP;
- (14) 530 lf. 12-in. CMP;
- (15) 2,212 lf. 24-in. CMP;
- (16) 194 lf. 30-in. CMP;
- (17) 450 lf. 48-in. CMP;
- (18) 56 lf. 60-in. CMP;
- (19) 39 each, spillway assemblies;
- (20) 110 c.y. exist. conc. remove and disposed of;
- (21) 50,000 c.y. light riprap;
- (22) 200 each, guide posts;
- (23) 50 each, culvert markers;
- (24) 100 each, monuments;
- (25) 180 lf. solid timber rail;
- (26) 150 lf. furnish treated Douglas fir piles, including test pile;
- (27) 20 each, driving piles, including test pile;
- (28) 2 each, clearance markers.

The State will furnish CMP and embankment protectors, etc. Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

#### BIDS WANTED

**NAPA CO., Calif.**—Until June 23, 2 p.m., bids will be received by State Division of Highways, Public Works Bldg., Sacramento, C. H. Purcell, State Highway Engineer, for applying crusher run base plant-mixed surfacing, and constructing shoulders on about 4.7 miles between westerly boundary and Napa in Napa County.

The work involves:

- (1) 4,900 c.y. imported surf. material;
  - (2) 1,800 tons crusher run base;
  - (3) 40 tons liq. asphalt, SC-1A in shoulders;
  - (4) 209 tons liq. asphalt, SC-2 shoulders;
  - (5) 150 tons screenings shoulders;
  - (6) 8,600 tons mineral aggregate surf.;
  - (7) 150 tons asphalt emulsion (prime coat);
  - (8) 400 tons liq. asphalt, MC-4, or MC-extra heavy surf.;
  - (9) 42 tons liq. asphalt, MC-3 seal coat;
  - (10) 450 tons screenings (seal coat).
- Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

#### LOW BIDDERS

**COCONINO CO., Arizona.**—Pearson & Dickson, at \$45,124.50, submitted low bid to the Bureau of Public Roads, 247 New Post Office Building, Phoenix, C. H. Sweetser, District Engineer for 3464 mi. grading and placing a base course on Section E of Route 3, the Flagstaff-Clints Well Road, between Forest Highway, Coconino County, Arizona.

Three low bids follow:

Pearson & Dickson.....	\$45,124.50
All Arizona Eng. & Const. Co.....	46,307.50
O. F. Fisher.....	48,202.00
Total of four bids received.	

#### BIDS WANTED

**KERN CO., Calif.**—Until June 23, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing bore and surfacing with plant-mixed surfacing about 5.5 mi. highway in Kern County, between Rosedale and State 141.

The work involves:

- (1) 90 M. gals. water;
- (2) 5,850 tons crusher run base;
- (3) 21 tons liq. asphalt, SC-1A or SC-2 (prime coat);
- (4) 52,000 sq. yds. asphaltic paint binder;
- (5) 7,200 tons min. aggregate (plant-mix surf.);
- (6) 380 tons liq. asphalt, ROMC-4 (plant-mix surf.);
- (7) 195 tons liq. asphalt, SC-4 aboulers;
- (8) 23,200 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

#### BIDS WANTED

**PLUMAS CO., Calif.**—Until June 15, 2 p.m., bids will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, Redding, Calif., for performing work as follows: Plumas County, between Almon Inn and Route 29 (II-Plu-83-D), about seven (7.0) miles in length to be surfaced with road-mix surfacing. Plans and specifications may be obtained at the above address. Bid must be accompanied by cash or a certified or cashier's check payable to the Director of Public Works for 10% of amount bid.

#### BIDS WANTED

**SACRAMENTO, Cal.**—Until June 3, 4 P. M. (to be opened at 8:15 P. M.), bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 46th St. from R to T Streets.

Plans and specifications obtainable from the above office.

#### BIDS WANTED

**RIVERSIDE CO., Cal.**—Until June 8, 2 p.m., bids will be received by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt on about 28.6 miles in Riverside County, between Edison and 3 miles south of Coachella, and between Inouan Wells and Indio.

The work involves:

- (1) 250 tons liquid asphalt, SC-1A, in place;
  - (2) 310 tons liquid asphalt, SC-2, in place.
- Plans and specifications obtainable from the above office.

#### BIDS WANTED

**SAN LUIS OBISPO AND SANTA BARBARA COS., Calif.**—Until June 8, 2 p.m., as previously reported, bids will be received by the State Division of Highways, C. H. Purcell, District Engineer, 50 Higuera Street, San Luis Obispo, for applying road-mix surface treatment and seal coat to 7.5 miles of existing roadbed in San Luis Obispo and Santa Barbara counties, between Santa Maria and Guadalupe Forest Highway, Coconino County, Arizona.

The work involves:

- (1) 82,000 sq. yds. prepare, mix, and shape roadbed;
- (2) 420 tons liquid asphalt, SC-3, road mix surface treatment;
- (3) 60 tons liquid asphalt, SC-3, seal coat.

Plans and specifications obtainable from the above office.

**CONTRACT AWARDED**

**COCONINO CO., Arizona**—Arizona Sand & Rock Co., P.O. Box 1522, Phoenix, at \$35,761.57, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Flagstaff-Fredonia Highway, FA 95-A, 1st Reop. (1937) AFE 8964. The work, which is to begin at Fredonia and extend north about 3.8 miles to the Arizona-Utah state line, consists of grading, draining, aggregate base course and asphalt surface treatment and is to be completed on or before September 30, 1937.

**BIDS OPENED**

**SAN DIEGO COUNTY, Cal.**—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at \$49,938.88 submitted low bid and recommended for award of contract by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for placing a road-mix surface course on 14,308 miles of Sections C, D and E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

The work involves:

- (1) 300 c.y. unclassified excavation;
- (2) 210 c.y. do. for structures;
- (3) 1,000 sta. yds. overhaul;
- (4) 14,308 miles C-I road-mix surfacing, laid;
- (5) 1570 tons cutback asphalt (Type MC-2, MC-3 or MC-4 for Class C-I road-mix);
- (6) 80 tons cutback asphalt (Type RC-1 for Class C seal coat);
- (7) 200 M. watering;
- (8) 7,000 c.y. Class C new aggregate, disintegrated granite;
- (9) 7 c.y. concrete;
- (10) 216 lbs. reinforcing steel;
- (11) 38 lf. 8-in. CGSMP;
- (12) 90 lf. 18-in. do.;
- (13) 72 lf. 30-in. do.;
- (14) 290 lf. perforated CSMP under-drain;
- (15) 65 sq. yds. mortar backfill seal;
- (16) 1,250 lf. wood guardrail;
- (17) 300 guid. posts.

Total bids follow:

- (A) R. E. Hazard & Sons, San Diego, \$49,938.88.
- (B) V. R. Dennis Const. Co., San Diego, \$50,992.64.
- (C) Martin Bros. Trucking Co., Long Beach, \$56,292.38.
- (D) Southern California Roads Co., Los Angeles, \$61,562.20.
- (E) J. E. Haddock, Ltd., Pasadena, \$68,207.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1) ..	0.75	1.25	1.50	0.75	2.00
(2) ..	1.25	1.50	2.00	1.50	3.00
(3) ..	.05	.02	.05	.20	.02
(4) ..	700.00	565.90	660.00	700.00	1200.00
(5) ..	8.50	9.50	19.50	24.50	20.00
(6) ..	25.00	27.00	21.00	25.00	30.00
(7) ..	1.50	2.00	5.00	3.00	5.00
(8) ..	.70	.52	.85	.75	1.40
(9) ..	30.00	35.00	50.00	40.00	65.00
(10) ..	.08	.07	.10	.10	.20
(11) ..	1.25	1.00	2.00	1.00	1.25
(12) ..	1.50	2.00	3.00	2.00	2.00
(13) ..	3.00	4.00	4.50	3.50	3.50
(14) ..	2.00	3.50	6.25	4.00	4.50
(15) ..	1.50	.50	2.00	1.50	2.00
(16) ..	.75	1.00	2.00	1.25	1.50
(17) ..	3.00	2.50	4.00	3.00	3.00

**LOW BIDDER**

**HICKAM FIELD, T. H.**—James W. Glover, Honolulu, at \$143,364, submitted low bid to Captain H. B. Nurse, Purchasing and Contracting Officer, Hickam Field, Fort Kame-

hameha, T. H., under Bid No. W-397-37-22, for the construction of Sections "B" and "C" of the Landing Mat and the included Triangular Area, at Hickam Field, and a road to Fort Kamehameha, T. H.

**BIDS WANTED**

**SIERRA CO., Cal.**—Until June 15, 10:30 A. M., bids will be received by the State Division of Highways, C. M. Whitmore, District Engineer, 703 B St., Marysville, for furnishing and applying liquid asphalt on about 17.6 miles in Sierra County between Sierra City and Route 83.

The work involves:

- (1) 690 tons liquid asphalt, SC-3.
- Plans and specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BUILDER.

**BIDS WANTED**

**SAN FRANCISCO**—Until June 9, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for grading at the George Washington School, Balboa and 30th Avenue. Estimated cost \$1,500.

Work must be done during summer vacation and finished in 60 days.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 265, City Hall; no deposit.

**CONTRACT AWARDED**

**ELDORADO COUNTY, Calif.**—L. Blasotti & Son, P. O. Box 587, Stockton, and John Rocca, Box 44, San Rafael, at \$266,622.05 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 266 miles grading on Section H of Route 32, the Placerville-Lake Tahoe National Forest Highway, Eldorado National Forest, Eldorado Co.

**BIDS OPENED**

**LINCOLN and Tillamook Counties, Ore.**—Newport Const. Co., Governor Bldg., and Kern & Kibba, 42 SE Salmon, Portland, at \$126,829 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for about 13,561 miles of bituminous surfacing on the Salmon River Highway, National Forest Road Project, Siuslaw National Forest, Lincoln and Tillamook Counties, Ore.

The principal items of work involved are:

- (1) Lump sum, extra and miscellaneous force account work;
- (2) 3,560 c.y. unclass. excav.;
- (3) 13,561 miles road reconditioning;
- (4) 1,000 units, watering;
- (5) Lump sum, providing and maintaining water plant or plants;
- (6) 185 tons cutback asphalt, MC-2 grade, or prime coat;
- (7) 3,500 tons cover aggregate and filler;
- (8) 1,950 tons asphalt for Class F and for leveling mixture;
- (9) 185 tons cutback asphalt, MC-2 grade, or seal coat;
- (10) 32,000 tons Class F plant-mixture;
- (11) 2,500 tons bituminous leveling mixture;
- (12) 1,855 lf. floating or non-floating single element 90,000 lb. guard rail (posts 14-ft. centers).

Total bids follow:

- (1) Newport Const. Co. and Kern & Kibba, Portland, ..... \$126,829
- Harold Blake, Portland, ..... 130,987
- Warren Northwest Inc., Portland ..... 133,161
- J. C. Compton, McMinnville, ..... 134,189
- Farber-Schram Co., Portland 143,774
- Standard Asphalt Paving Co., Spokane ..... 144,846

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until June

16, 10 A. M., bids will be received by Los Angeles Board of Public Works for improving Venice Blvd. (south roadway) between 415.88 feet west of Redondo Blvd. and Cochran Ave., PW' Project 1461, Unit 6.

Work involves:

- (1) lump sum, gading (838 c.y. excavation, 900 c.y. fill; including removal of existing improvements);
- (2) 28,706 sq. ft. concrete pavement 8-in. thick, inc. local depressions but not including Class D rasurf;
- (3) 40,966 sq. ft. rock and oil roadway, 2-in. thick;
- (4) 1,016 sq. ft. asphalt. conc. wearing surface, variable thickness (average 2-in.);
- (5) 1,599 lf. unplastered heavy class curb;
- (6) 57 lf. curb armor;
- (7) 2,398 sq. ft. 1-course cem. sidewalk;
- (8) 1,318 sq. ft. concrete gutter, 8-in. thick;
- (9) lump sum, storm drain and appurtenances;
- (10) lump sum, existing orn. lighting conduit, posts and lighting accessories to be remodeled;
- (11) 409 sq. ft. Class D resurf.

**BLUE PRINTS**

**SACRAMENTO, Cal.**—Following is the cost of blue line prints for work advertised to be opened on June 16, as announced by State Highway Engineer C. H. Purcell, P. O. Box 1499, Sacramento:

- I-I-Sha-3-C.D, between Antler and northerly boundary: PLANS (No. of Sheets) (Cost) none; CROSS-SECTIONS (No. of Sheets) (Cost) none.
- IV-1A-5-E, het. Mountain House and (Greenville) PLANS (No. Sheets) (Cost) \$310; CROSS-SECTIONS (No. of Sheets) 215; (Cost) \$2150; (Total) \$2460.
- II-Gle-7-B, between Willows and Artois: PLANS (No. of Sheets) 25; (Cost) \$250; CROSS-SECTIONS (No. of Sheets) 120; (Cost) \$12) (Total) \$1450.

VI-Tul-129-E, bridge across Kaweah River: PLANS (No. of Sheets) 4; (Cost) \$40; no cross-sections.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany order.

**BIDS WANTED**

**VENTURA CO., Calif.**—Until June 24, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing about 0.5 mile of roadway between 3.2 miles and 4.5 miles east of Santa Anna in Ventura Co.

The work involves:

- (1) 26 sta. clear and grub right of way;
- (2) 320 M. gals. water;
- (3) 10 c.y. remove exist. conc.;
- (4) 18,000 c.y. rdwy. excav., without class;
- (5) 180 c.y. struct. excav.;
- (6) 100 c.y. ditch and channel excavation;
- (7) 600,000 sta. yds. overhaul;
- (8) 26 sta. finishing roadway;
- (9) 11 tons liq. asphalt, SC-2 (prime coat);
- (10) 1,220 tons mineral aggregate plant mix surf.;
- (11) 65 tons liq. asphalt, ROMC-4 or ROMC-5, plant-mix surf.;
- (12) 4,600 sq. yds. preparing, mixing and shaping shoulders;
- (13) 40 tons liq. asphalt, SC-2 should-ers;
- (14) 5,000 lbs. bar reinf. steel;
- (15) 50 c.y. Class A portland cement conc. struct.;
- (16) 190 lf. 24-in. CMP;
- (17) 80 lf. exist. CMP removed, cleaned and relaid;

- (1a) 10 each, culvert markers;  
 (1b) 4 each, guide posts;  
 (20) 0.2 mile excav. property fence moved and reset.

The State will furnish CMP and hand couplers.

Plans and specifications obtainable from the above office.

#### BIDS WANTED

LASSEN CO., Calif.—Until June 23, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with crusher run base and applying penetration oil treatment to about 142 miles of roadway in Lassen County, between Terno and Madeline.

- The work involves:  
 (1) 1,550 M. gale. water;  
 (2) 24,500 tons crusher run base;  
 (3) 170 tons liq. asphalt, SC-2;  
 (4) 175 tons liq. asphalt, SC-4;  
 (5) 560 c.y. sand.

Plans and specifications obtainable from the office of the State Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

#### LOW BIDDER

MONTEREY CO., Calif.—Granite Construction Co., Ltd., Watsonville, at \$9,247, submitted the low bid to District Engineer L. H. Gibson, State Division of Highways, 50 Guerrero St., San Luis Obispo, for about 1.3 mi. surfacing with plant mixed surfacing in Monterey County, at various locations between Greenfield and Salinas River.

#### BIDS WANTED

ALAMEDA CO., Calif.—Until June 14, 2 p.m., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for placing crusher run base and applying armor coat to about 2.4 miles of highway between Sunol and Dublin.

Plans and specifications obtainable from the above office.

#### BIDS OPENED

MONTEREY COUNTY, Cal.—Leo A. Brisco, P. O. Box 656, Arroyo Grande, at \$22,251, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment and seal coat to shoulders and Class B seal coat to portions of existing pavement, on about 25.7 miles in Monterey County between San Ardo and King City, and between Santa Rita and the toothery boundary.

- The work involves:  
 (1) 150 tons liquid asphalt, 90-95 (Class B seal coat);  
 (2) 17,000 sq. yds. screenings (do.);  
 (3) 225 tons liquid asphalt, SC-3 (shoulders);  
 (4) 147,000 sq. yds. preparing, mixing and applying screenings;  
 (5) 80 tons liquid asphalt, SC-3 (shoulder seal coat).

Total bids follow:  
 (A) L. A. Brisco, Arroyo Grande, \$22,251.  
 (B) Granite Const. Co., Watsonville, \$22,538.

Unit bids follow:	(A)	(B)
(1) 150 tons liquid asphalt, 90-95 (Class B seal coat)	\$17,275	\$22,000
(2) 17,000 sq. yds. screenings (do.)	340	520
(3) 225 tons liquid asphalt, SC-3 (shoulders)	1710	1660
(4) 147,000 sq. yds. preparing, mixing and applying screenings	667	671
(5) 80 tons liquid asphalt, SC-3 (shoulder seal coat)	1500	1811

#### LOW BID OFFERED

ALAMEDA CO., CALIF.—Ed Johnson, fence contractor, P. O. Box 1171, Sacramento, will furnish and install on request for the 17-mile fence installation on the Alameda County

Highway contract, for which the State Division of Highways will receive bids June 16.

#### Contract Awarded

SAN JOSE, Santa Clara Co., Calif.—A. J. Raich, San Jose, at \$4,996.32, submitted low bid and awarded contract by San Jose City Council, City Hall, for the improvement of Sixteenth Street, between Jackson and Taylor streets.

- The work involves:  
 (1) 25,456 sq. ft. paving;  
 (2) 1,139 sq. ft. gutter;  
 (3) 559.50 liq. curb;  
 (4) 2,297 sq. ft. sidewalks;  
 (5) 288 liq. 4-in. VP house sewer laterals;  
 (6) 6.5 tons asphaltic concrete surfacing.

Total bids follow:  
 A. J. Raich, San Jose ..... \$4,996.32  
 Union Paving Co., S. F. .... 5,040.64

Unit bids follow:	(A)	(B)
(1) 25,456 sq. ft. paving	\$0.364	\$0.135
(2) 1,139 sq. ft. gutter	.25	.40
(3) 559.50 liq. curb	.27	.40
(4) 2,297 sq. ft. sidewalks	.14	.18
(5) 288 liq. 4-in. VP house sewer laterals	.60	.70
(6) 6.5 tons asphaltic concrete surfacing	6.00	5.00

#### BIDS OPENED

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at \$23,173.75, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.2 miles surfacing with plant-mixed surfacing, constructing shoulders of crusher run base and applying oil treatment thereto, in Alameda county between Warm Springs and Irvington.

- The work involves:  
 (1) 4,775 tons min. aggregate (surfacing);  
 (2) 29 tons asphaltic emulsion (prime coat);  
 (3) 225 tons liquid asphalt MC15 or MC-extra heavy (surf.);  
 (4) 25 tons liquid asphalt, MC-3 (seal coat);  
 (5) 270 tons screenings (do.);  
 (6) 2,000 tons crusher run base (shoulders);  
 (7) 40 tons liquid asphalt SC-1A (do.);  
 (8) 20 tons liquid asphalt SC-2 (do.);  
 (9) 120 tons screenings (do.).

Total bids follow:  
 (A) Jones & King, Hayward, \$23,173.75.  
 (B) Union Paving Co., San Francisco \$21,978.75.  
 (C) Leo F. Piazza, San Jose, \$25,467.25.  
 (D) Charles L. Harney, San Francisco, \$26,185.00.

Unit bids follow:	(A)	(B)	(C)	(D)
(1) 4,775 tons min. aggregate (surfacing)	\$2.35	\$2.65	\$2.79	\$3.00
(2) 29 tons asphaltic emulsion (prime coat)	34.00	26.00	19.50	21.00
(3) 225 tons liquid asphalt MC15 or MC-extra heavy (surf.)	16.00	19.00	16.75	17.00
(4) 25 tons liquid asphalt, MC-3 (seal coat)	25.00	20.00	18.25	17.00
(5) 270 tons screenings (do.)	2.25	3.00	2.50	3.00
(6) 2,000 tons crusher run base (shoulders)	2.10	2.00	2.30	2.00
(7) 40 tons liquid asphalt SC-1A (do.)	15.00	14.00	11.50	17.00
(8) 20 tons liquid asphalt SC-2 (do.)	16.00	16.00	14.00	17.00
(9) 120 tons screenings (do.)	2.25	3.00	2.50	3.00

#### BIDS WANTED

SAN FRANCISCO, Calif.—Until June 16, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19021, for improving Chesley St., between Harrison and Bryant Sts.

- Estimated cost, \$10,537.10.  
 The work involves:  
 (1) 1100 liq. armored concrete curb;  
 (2) 6 each, brick catchbasins, complete with new castings;  
 (3) 1 each, brick catchbasins, complete with existing castings;  
 (4) 3 each, brick catchbasins reset or reconstructed;  
 (5) 20 liq. 10-in. VCP culvert, in place.

- (6) 6 each, brick manholes, complete;  
 (7) 1080 liq. 12-in. VCP sewer, in place;  
 (8) 40 liq. 8-in. VCP sewer, in place;  
 (9) 160 liq. 6-in. VCP sewer, in place;  
 (10) 10 each, 12x6-in. Wye branches, in place;  
 (11) 4 each, 12x8-in. Wye branches, in place;  
 (12) 2 each, street signs, reset;  
 (13) Hydrant protection;  
 (14) 500 sq. ft. existing pavement removed;  
 (15) 480 c.y. crushed rock fill;  
 (16) 230 sq. ft. 8-in. Class "E" concrete pavement;  
 (17) 15,200 sq. ft. Asphalt concrete pavement, consisting of a 6-in. Class "F" concrete base and a 2-in. asphaltic concrete wearing surface;  
 (18) 15 tons asphaltic concrete concrete pavement;  
 (19) 300 sq. ft. two-course concrete sidewalk;  
 (20) 50 liq. stone curb reset.  
 Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of \$10.

#### CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—Healey-Moore Co., 344 High St., Oakland, at \$3,419.95, was awarded the contract by the Stockton City Council, for the resurfacing of South El Dorado St., between Lafayette St. and Charter Way.

#### BIDS WANTED

SAN FRANCISCO.—Until June 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19029, for Section A of the Ocean Avenue improvement project, between San Jose Avenue and Harold Avenue. Estimated cost, \$27,270.

- The work involves:  
 (1) 400 liq. armored concrete curb;  
 (2) 450 liq. curb reset;  
 (3) 100 liq. 10-in. VCP culvert, in place;  
 (4) 1 each, brick catchbasin with existing frame and grating;  
 (5) 2 each, brick catchbasins, complete;  
 (6) 1 each, brick catchbasin reset or reconstructed;  
 (7) 190 sq. ft. asphalt macadam sidewalk;  
 (8) 2000 sq. ft. two-course concrete sidewalk;  
 (9) 168,500 sq. ft. removing existing asphalt concrete wearing surface and replacing with 2-inch asphalt concrete wearing surface;  
 (10) 55,000 sq. ft. removing existing asphalt concrete or concrete base and replacing with 6-in., 5-sack Class E concrete base;  
 (11) 600 tons asphalt concrete base and leveling course;  
 (12) 60 tons asphalt concrete concrete pavement;  
 (13) 2900 sq. ft. asphalt concrete pavement, consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;  
 (14) 2 each, street signs relocated.  
 Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon \$10 cash deposit.

#### NEW BIDS WANTED

NAPA COUNTY, Cal.—Until June 12, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 3.3 miles surfacing with imported surfacing material and applying penetration oil treatment, and installing underdrains in Napa County, between the summit of Mt. St. Helena

and the northerly boundary.

- The work involves:
- (1) 75 M. gals water in place;
  - (2) 36,000 sq. yds. preparing subgrade;
  - (3) 7,000 c.y. imported surf. material;
  - (4) 72 tons liquid asphalt, SC-1A;
  - (5) 38 tons do, SC-2;
  - (6) 400 c.y. structure excavation;
  - (7) 2,950 lf. 8-inch perforated metal pipe in place (to be furnished by the State);
  - (8) 360 c.y. rock filling material;

Bid call on same job for June 1, was cancelled due to error in specifications.

Plans and specifications obtainable from the above office.

#### BIDS OPENED

**CONTRA COSTA COUNTY, Calif.**—Frederickson & Watson Construction Co. and Frederickson Bros., 873 81st Ave., Oakland, at \$26,613.40, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles surfacing with plant-mixed surfacing and constructing shoulders of crusher run base and applying oil treatment thereto, in Contra Costa Co., between Walnut and 3.5 miles northerly.

The work involves:

- (1) 5,000 tons mineral agg. (surf.);
- (2) 16 tons asphalt emulsion (prime coat);
- (3) 240 tons liquid asphalt, MC-5, or MC-extra heavy (surfacing);
- (4) 28 tons liquid asphalt, MC-3 (seal coat);
- (5) 290 tons screenings (seal coat);
- (6) 3,000 tons crusher run base (shoulders);
- (7) 42 tons liquid asphalt, SC-1-a (do.);
- (8) 22 tons liquid asphalt, SC-2 (do.);
- (9) 190 tons screenings (do.).

Total bids follow:

- (A) Frederickson & Watson Const. Co. and Frederickson Bros., Oakland, \$26,613.40  
 (B) Jones & King, Hayward, \$27,145.00  
 (C) Leo F. Piazzo, San Jose, \$28,306.40  
 (D) Union Paving Co., San Francisco, 31,486.00  
 (E) Pacific States Const. Co., San Francisco, 34,937.00

Unit bids follow:

- |          | (A)    | (B)    | (C)    | (D)    | (E)    |
|----------|--------|--------|--------|--------|--------|
| (1)..... | \$2.65 | \$2.70 | \$2.82 | \$3.00 | \$3.74 |
| (2)..... | 20.00  | 31.00  | 20.40  | 25.00  | 25.00  |
| (3)..... | 16.00  | 17.25  | 17.50  | 19.00  | 19.50  |
| (4)..... | 20.00  | 23.00  | 19.00  | 22.00  | 25.00  |
| (5)..... | 3.00   | 2.50   | 2.50   | 4.00   | 3.20   |
| (6)..... | 2.10   | 2.15   | 2.40   | 2.80   | 2.60   |
| (7)..... | 13.20  | 12.00  | 12.00  | 12.00  | 18.45  |
| (8)..... | 14.50  | 13.00  | 14.50  | 13.00  | 20.00  |
| (9)..... | 3.00   | 2.50   | 2.50   | 3.50   | 3.20   |

#### LATE BIDDER

**TUOLUMNE COUNTY, Calif.**—Isbell Const. Co., 1300 E Fourth St., Reno, at \$120,294.65, submitted a late bid to District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, on Proposal C for grading and constructing bridge and approaches on Section "D" of Route 38, the Sonora Pass National Forest Highway, Stanislaus National Forest, Tuolumne Co. Bids were opened June 1 at 2 P. M. Low bidder on Proposal C is R. R. Carlson, Stockton, at \$119,533.

### 30—RESERVOIRS & DAMS

#### BIDS WANTED

**TONGUE RIVER PROJ., Mont.**—Until June 12, 10 A. M. bids will be received by the Montana State Water Conservation Board, State Capitol Bldg., Helena, Montana, for constructing earth and rockfill dam and appurtenant structures in Big Horn and Rosebud counties. Estimated increase \$35,000 c.y. of dam excavation; 792,500 c.y. earth embankment; 158,000 c.y. rock embank-

ment, and 400,000 c.y. excavation for spillway.

Ralph Fifield, Chief Construction Engineer. Plans and specifications obtainable from above office.

#### LOW BIDDERS

**BONNEVILLE, Oregon.**—The Gilpin Construction Co., Portland, at \$64,962.09, submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, under Bid No. 694-37-381, for constructing a chain fender block, emergency storage area, appurtenant upper guide wall extension, section of railroad track and embankment for same, chain fender and operating machinery, bridge platform and stairs, cut-off wall, electrical vault, a 16-in. pipe drain from Monolith 25 to tailwater, and miscellaneous items to constitute a completed project at Bonneville.

Three low bids follow:

- The Gilpin Constr. Co., 264,962.09  
 Bond and  
 Parker Schram Co., Port- 277,267.22  
 land  
 Sam Orino, Bonneville, 277,333.32

#### LOW BIDDER

**MOON LAKE PROJECT, Utah.**—Snyles Const. Co., St. Joseph, Mo., at \$24,662 submitted low bid to Bureau of Reclamation, Duchesne, Utah, E. J. Westerhouse, Construction Engineer, under Spec. No. 924-D, for clearing the Moon Lake Reservoir Site, Moon Lake Project, involving about 420 acres of clearing.

#### BIDS WANTED

**SAN FRANCISCO.**—Until July 8, 3 P. M. (date postponed from June 23), bids will be received by Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 120, for construction of concrete lining, roof and control works for the Sunset reservoir. Complete description of the project, together with list of bid items, has appeared previously.

#### BIDS WANTED

**CHINO, San Bernardino Co., Cal.**—Until July 20, 7:30 p.m., bids will be received by the Chino City Council, M. L. Birnie, City Clerk, City Hall, for the construction of a reinforced concrete reservoir of 600,000 gals. capacity. The reservoir will be circular in shape, 80 ft. I.D. and 13.60' ft. from top of footings to top of concrete wall.

The work involves:

- (I)—Preparation of site:  
 (1) excav. 1200 c.y.;  
 (2) embank fill, 1200 c.y.;  
 (II)—Placing concrete, all materials and incl. reinf. steel and wall to be furn. by contr.:  
 (1) water, 107 c.y.;  
 (2) v. footings, 28.1 c.y.;  
 (3) 19 columns, 4.5 c.y.;  
 (4) column footings, 1.5 c.y.;  
 (5) floor (3386 sq. ft.), 62.1 c.y.;  
 (6) expansion joint footings, 8.5 c.y.;  
 (7) elbow blocks, 3.2 c.y.;  
 (8) weir box, 5.4 c.y.;  
 (9) trench backfill, 2.5 c.y.;  
 (III)—Expansion joints (oakum, prime coat and coal tar compound around columns, along wall and at all expansion

(IV)—Roof in place:

- (1) lumber, 5420 sq. ft.;
- (2) roofing, 5420 sq. ft.;
- (V)—Pipe and valves:  
 (1) 24 ft. 12-in. CI pipe;  
 (2) 10-ft. 10-in. CI pipe;  
 (3) 20 ft. 10-in. coner. irrig. pipe;  
 (4) one 90 deg. 12-in. elbow;  
 (5) one 90-deg. 10-in. elbow;  
 (6) one 12-in. wedge gate valve;  
 (7) one 10-in. irrig. gate with 14-ft. handle.

(VI)—Miscellaneous:

- (1) ladder installed, 12 ft. 9 in.;
- (2) coner. irrig. pipe, 8 ft., 30-in.;

(3) weir box cover;

(4) hardware.

Extra work not specified, —% to be added to cost.

Plans and specifications prepared by R. V. Ward, consulting engineer, 1515 W. Arroy Highway, Upland.

Plans and specifications obtainable from the office of the city clerk upon deposit of \$40. Certified check, certificate of deposit, or cashier's check or draft for 10% to accompany each proposal.

#### BIDS WANTED

**LOS ANGELES.**—Until June 15, 2 P.M., bids will be received by Los Angeles County Supervisors for the construction of Nichols Canyon Debris Basin, concrete conduit, and appurtenant structures, in Hollywood, immediately above Hollywood Blvd. In general, the work will consist of the excav. of the debris basin, the construction of inlet and outlet structures and the construction of the proposed open coner. channel downstream from the basin. The items are:

- (1) 1600 c.y. stripping;
  - (2) 43,000 c.y. Class A excav.;
  - (3) 6100 c.y. Class B excav.;
  - (4) 480 c.y. Class C excav.;
  - (5) 16 c.y. Class D excav.;
  - (6) 5200 c.y. compacted fill;
  - (7) 375 c.y. Class A backfill;
  - (8) 1300 c.y. Class B backfill;
  - (9) 165 c.y. Class A coner.;
  - (10) 1670 c.y. Class B coner.;
  - (11) 7600 sq. ft. gunite paving;
  - (12) 115 tons placing reinf. steel;
  - (13) 20 c.y. drill down holes;
  - (14) 3550 sq. ft. placing fencing;
  - (15) 200 lbs. placing misc. metal-ware;
  - (16) 100 lb. placing tile drains.
- C. H. Howell, Chief Engr., County Flood Control District; Mame B. Beatty, Clerk of the Board.

#### BIDS OPENED

**SHOSHONE RES. Nev.**—Parish Bros., 1222 N. Gover St., Hollywood submitted low bid to the U. S. Indian Irrigation Service, Los Angeles, at \$30,410, for construction of earthen diversion dam and canal on Owyhee River at Shoshone Reservation, near Owyhee, FF 205.

The items were:

- (1) lump sum, diversion and care of river during construction;
  - (2) lump sum, stripping, rolling and preparing embankment;
  - (3) 1700 c.y. excav. common, (cut-off trench);
  - (4) 18,000 c.y. do (spillway and transportation of material to embankment);
  - (5) 2000 c.y. excav., common (struc.);
  - (6) 200 c.y. excav., solid rock;
  - (7) 10,400 c.y. earthfill in embankment;
  - (8) 170 c.y. concrete (mass.) in well
  - (9) 330 c.y. concrete (reinf.);
  - (10) 33,000 lbs. place reinf. bars;
  - (11) 900 c.y. riprap;
  - (12) 500 lbs. placing & painting metal work
- TOTAL for dam;  
 (13) 25,000 c.y. canal excavation.  
 TOTAL for canal;  
 GRAND TOTAL.

The total bids were:

- (A) Parish Bros., Los Angeles; Dam, \$25,910; canal, \$4500; grand total \$30,410.  
 (B) J. A. Terteling & Son, Bolise; Dam, \$25,918; canal, \$5000; grand total, \$30,918.  
 (C) Dan Peters & Co., Riverside; Dam, \$34,890; canal, \$5000; grand total, \$39,890.  
 (D) Geo. B. Henly Const. Co., Ontario, Ore.; Dam, \$40,180; canal, \$6000; grand total, \$46,180.  
 (E) Bennett & Taylor, Los Angeles; Dam, \$35,987; canal, \$5250; grand total, \$41,237.

Unit bids were:

(A)	(B)	(C)
(1).....\$1000.00	\$1500.00	\$1000.00
(2).....2000.00	1500.00	2000.00
(3).....40	40	.50
(4).....35	40	.35
(5).....80	50	.55
(6).....2.00	2.00	3.00
(7).....29	12	.40
(8).....19.00	15.00	29.00
(9).....23.00	25.00	30.00
(10)......02	.02	.05
(11)......80	1.50	2.00
(12)......03	.05	.06
(13)......18	.20	.20

(D)	(E)
(1).....\$ 200.00	\$700.00
(2).....3000.00	1300.00
(3).....1.00	1.00
(4)......50	.54
(5).....1.00	.55
(6).....3.00	4.00
(7)......50	.28
(8).....20.00	16.00
(9).....26.00	29.00
(10)......05	.025
(11).....5.00	3.00
(12)......10	.10
(13)......24	.21

**31—PIPE LINES & WELLS**

**PLANNED**  
SOLANO COUNTY, Cal.—The Pacific Gas & Electric Co., 445 Sutter

St., San Francisco, plans the construction of a pipeline approximately 90 miles in length to transport the 10,000,000 cu. ft. of gas daily contracted for from the Amerada Petroleum Corp. The line will run from Rio Vista to the Napa Y., with a branch line to Dixon and one from Davis to Woodland. Estimated cost, approximately \$900,000.

The line will involve about 5.5 miles of 12-, 40 miles of 10-, and 12 miles of 8-in. steel pipe. The company has filed application with the State Railroad Commission for permission to construct the line.

**BIDS OPENED**

WINTERS, Yolo Co., Calif.—Bids for the drilling of a well at the Winters unit of the California Migratory Labor Camp at Winters, were opened by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, under Bid No. 3916. The well is to be approximately 250 feet deep.

- Bids were taken as follows:  
 (1) Drilling:  
 (a) 100 ft., from ground surface to a depth of 100 ft. below ground surface;  
 (b) 100 ft., from a depth of 100 ft. to a depth of 200 ft. below ground surface;

- (c) 100 ft., from a depth of 200 ft. to a depth of 300 ft. below ground surface;  
 (d) 100 ft., from a depth of 300 ft. to a depth of 400 ft. below ground surface;  
 (e) 100 ft., from a depth of 400 ft. to a depth of 500 ft. below ground surface;  
 (f) 300 ft., additional drilling;  
 (2) Furnishing and placing casing:  
 (a) Furnishing and placing 6½-in. standard well casing, per lf.;  
 (b) Furnishing and placing 8¼-in. do.;  
 (c) Furnishing and placing 10½-in. do.;  
 (d) Furnishing & placing standard well casing, per lf.;  
 (3) Furnishing and placing standard brass strainer, per lf.;  
 (4) Furnishing and placing gravel:  
 (a) Clean ¾-inch gravel in well, per c.y.;  
 (b) Pea gravel in well, per c.y.;  
 (5) Furnishing all necessary equipment and making required pumping tests.

The bidders were:  
 (A) J. B. Rogers Co., 110 Sutter St.

(Continued on Page 26)

**KERN COUNTY—GRADING & BRIDGE—(State)**

KERN CO., Calif.—Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at \$37,110.60, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile grading, applying road-mix surface treatment, and constructing a timber bridge, in Kern County, east of Monolith.

- The work involves:  
 (1) 200 M. gals. water;  
 (2) 3,150 c.y. roadway excav., uncl.;  
 (3) 160 c.y. ditch and channel exc.;  
 (4) 20,000 sta. yds. overhaul;

- (5) 300 c.y. struc. excav.;  
 (6) 9,300 c.y. imported borrow;  
 (7) 1,700 c.y. import surf. matl.;  
 (8) 43 sta. finishing roadway;  
 (9) 100 tons liq. asphalt, SC-4;  
 (10) 12,000 sq. yds. preparing, mixing and shaping roadbed;  
 (11) 17 tons liq. asphalt, SC-4 (prime coat);  
 (12) 2,200 lbs. bar reinf. steel;  
 (13) 46 c.y. Class A portland cement concrete (structures);  
 (14) 85 c.y. Class B portland cement concrete (structures);  
 (15) 16 MFMB dense, select, all-heart

- struc. Redwood timber;  
 (16) 14 MFMB select, all-heart struc. Redwood timber;  
 (17) 16 lf. 18-in. CMP;  
 (18) 80 lf. 24-in. CMP;  
 (19) 2 c.y. exist. conc. removed and disposed of;  
 (20) 4 each. culvert markers;  
 (21) 1.6 mi. new property fence;  
 (22) 0.2 mile exist. fences removed and disposed of;  
 (23) 5 each. drive gates;  
 (24) 10 each. monuments.

Complete bids follow:

(A) Young & Son Co., Ltd., Berkeley.....	\$17,110.60
(B) Dimmitt & Taylor, Los Angeles.....	19,823.60
(C) Basich Bros., Torrance.....	20,119.40
(D) A. S. Vinnell Co., Los Angeles.....	20,396.50
(E) Rexroth & Rexroth, Bakersfield.....	21,436.50
(F) Wm. C. Horn Co., Pomona.....	21,470.70
(G) Claude Fischer Co., Ltd., Los Angeles.....	22,140.00
(H) Triangle Rock & Gravel Co., San Bernardino.....	24,940.50
(I) John Jurkovich, Fresno.....	24,986.00
(J) United Concrete Pipe Corp., Los Angeles.....	25,156.60

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$ 2.65	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.50	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 3.00
(2).....	.25	.50	.40	.45	.40	.45	.21	.65	.50	.60
(3).....	.50	1.00	.60	1.00	.75	1.25	1.60	70	1.00	.70
(4).....	.0075	.005	.01	.004	.01	.01	.02	.02	.10	.02
(5).....	1.15	2.00	2.00	1.30	2.00	2.25	2.60	3.35	2.00	1.50
(6).....	.34	.50	.50	.52	.55	.50	.50	.50	.60	.60
(7).....	.34	.50	.50	.65	.60	.48	.60	.60	1.00	.60
(8).....	8.00	6.00	10.00	20.00	10.00	8.00	7.50	10.00	10.00	12.00
(9).....	14.10	13.00	15.00	15.00	17.50	15.00	20.00	20.00	20.00	18.00
(10).....	.10	.07	.08	.065	.07	.08	.08	.12	.20	.12
(11).....	14.10	15.00	16.00	15.00	17.50	15.00	21.00	25.00	20.00	30.00
(12).....	.07	.08	.07	.08	.075	.06	.15	10	.08	.08
(13).....	25.00	28.00	25.00	25.00	30.00	27.00	33.00	30.00	30.00	35.00
(14).....	25.00	16.00	25.00	23.00	25.00	25.00	25.00	28.00	20.00	35.00
(15).....	108.00	140.00	130.00	130.00	125.00	160.00	140.00	155.00	100.00	135.00
(16).....	108.00	134.00	125.00	125.00	150.00	150.00	125.00	153.00	100.00	135.00
(17).....	2.00	2.50	2.00	1.90	2.25	2.50	2.75	5.00	2.00	2.00
(18).....	2.50	4.00	2.80	2.75	3.40	3.25	3.50	5.50	3.00	3.00
(19).....	2.00	7.00	4.00	3.00	5.00	5.00	5.00	20.00	5.00	8.00
(20).....	3.00	3.00	2.50	2.00	3.00	3.00	3.00	4.00	2.00	5.00
(21).....	500.00	500.00	450.00	400.00	550.00	600.00	575.00	500.00	500.00	550.00
(22).....	300.00	200.00	200.00	50.00	100.00	150.00	75.00	100.00	200.00	500.00
(23).....	18.00	20.00	20.00	15.00	20.00	20.00	25.00	50.00	15.00	20.00
(24).....	3.00	4.00	3.00	2.50	5.00	4.00	4.00	5.00	3.00	4.00

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**INYO COUNTY—GRADE & SURFACE—(State)**

INYO CO., Calif.—Basich Bros, 2053 S. Normandie Lane, Torrance, at \$27,736.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.2 miles grading and applying road-mix surface treatment in Inyo County between Bishop and Owens River.

The work involves:

- (1) 345 M. gals. water;
- (2) 5,700 c.y. rdwy. excav., unclass.
- (3) 475 c.y. struc. excav.
- (4) 7,100 c.y. imported borrow;
- (5) 4,300 c.y. imported surface material;
- (6) 9,700 sta. yds. overhaul;
- (7) 123 sta. finishing rdwy.;

- (8) 27 tons liquid asph. SC-2 (prime coat);
- (9) 270 tons liquid asphalt SC-3 or SC-4 (road mix surf. treat.);
- (10) 26,350 sq. yds. preparing, mixing and shaping roadbed;
- (11) 22 tons liquid asphalt MC - 3 (seal coat);
- (12) 160 tons sand (seal coat);
- (13) 95 c.y. Class A Portland cement concrete (struc.);
- (14) 55 c.y. do (footing blocks);
- (15) 16,000 lbs. bar reinf. steel;
- (16) 312 1/2 ft. 18-in. CMP;
- (17) 150 1/2 ft. 24-in. CMP;
- (18) 102 1/2 ft. 30-in. CMP;
- (19) 60 1/2 ft. 36-in. CMP;
- (20) 100 1/2 ft. existing CMP culverts removed, cleaned and re-laid;

- (21) 373 1/2 ft. existing CMP culverts removed, cleaned and salvaged;
- (22) 124 1/2 ft. solid timber railing;
- (23) 34 each culvert markers;
- (24) 20 each guide posts;
- (25) 27 each culvert markers removed and salvaged;
- (26) 4.2 miles move and reset existing fences;
- (27) 1 bridge removed and disposed of;
- (28) 2 each clearance markers;
- (29) 22 each monuments complete, in place.

NOTE: The State will furnish corrugated metal pipe as more explicitly set forth in the special provisions. Complete bids follow:

(A) Basich Bros., Torrance.....	\$27,736.00
(B) Oswald Bros., Los Angeles.....	33,022.50
(C) Young & Son Co., Ltd., Berkeley.....	33,210.70
(D) Claude Fisher Co., Los Angeles.....	34,270.30
(E) Triangle Rock & Gravel Co., San Bernardino.....	35,354.50
(F) A. S. Vinell Co., Los Angeles.....	35,608.56
(G) Leo F. Piazza, San Jose.....	35,823.00
(H) Isbell Constr. Co., Reno.....	39,678.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.00	\$ 2.00	\$ 2.65	\$ 1.65	\$ 1.50	\$ 2.00	\$ 3.00	\$ 2.00
(2)	.40	.65	.38	.30	.73	.55	.90	60.00
(3)	1.00	2.00	1.15	4.75	2.00	1.10	1.25	6.00
(4)	.59	.70	1.05	.60	.60	.64	.78	1.00
(5)	.75	1.00	1.00	.85	1.00	.90	.90	1.20
(6)	.01	.01	.0075	.02	.02	.005	.015	.02
(7)	10.00	10.00	6.00	7.90	8.00	15.00	6.00	10.00
(8)	16.00	22.50	14.50	18.50	25.00	23.60	22.50	20.00
(9)	18.00	19.00	17.40	24.00	27.00	21.60	25.25	20.00
(10)	.06	.07	.08	.09	.10	.08	.10	.10
(11)	30.90	32.00	27.50	32.00	35.00	35.00	32.25	35.00
(12)	3.00	3.00	2.50	3.00	2.00	7.50	6.80	3.50
(13)	26.00	25.00	32.50	37.00	33.00	40.00	37.50	28.00
(14)	25.00	26.00	32.50	25.00	21.00	24.00	30.00	28.80
(15)	.06	.06	.07	.13	.07	.08	.075	.07
(16)	.30	.50	.50	.50	.50	.50	.50	.50
(17)	.35	.75	.60	.55	.60	.52	.50	.75
(18)	.40	1.00	.70	.65	.80	.76	.50	1.00
(19)	.50	1.25	.90	.70	1.50	.90	.50	1.25
(20)	.70	1.50	1.10	1.50	2.00	2.10	.75	2.00
(21)	.70	1.00	.60	1.10	1.50	1.38	.75	1.50
(22)	2.00	1.50	1.25	1.75	2.00	4.00	2.50	2.50
(23)	2.00	3.00	3.00	3.70	3.00	2.70	2.50	3.50
(24)	2.00	3.00	3.00	3.50	3.00	2.70	2.50	3.50
(25)	1.00	1.00	.25	.70	.50	.70	.50	1.00
(26)	300.00	500.00	350.00	350.00	300.00	400.00	300.00	400.00
(27)	800.00	350.00	250.00	350.00	1400.00	500.00	750.00	300.00
(28)	10.00	10.00	3.00	12.00	4.00	8.00	5.00	5.00
(29)	3.00	3.00	3.00	3.50	3.00	2.70	2.50	4.00

**PLUMAS COUNTY—BRIDGE—(State)**

PLUMAS COUNTY, Calif.—S. D. Bechtel, 155 Sansome St., San Francisco, at \$41,750.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge across Spanish Creek, one-half mile north of Quincy, Plumas County, consisting of two 30- and six 40-ft. spans.

The work involves:

- (1) 1 only existing bridge to be removed;
- (2) 40 cu. struc. excav.;
- (3) 510 c.y. Class A Portland cement concrete;
- (4) 135,000 lbs. bar reinf. steel;
- (5) 592 1/2 ft. timber railing;
- (6) 2,187 1/2 ft. furnish reinf. concrete piles, including test piles;
- (7) 54 each driving do.;
- (8) 1 lot misc. items of work.

- (A) S. D. Bechtel, San Francisco, \$41,750.50.
- (B) F. C. Amoroso and Son, San Francisco, \$43,925.50.
- (C) B. O. Bohnett, San Jose, \$45,282.18.
- (D) Bodenhamer Const. Co., Oakland, \$45,614.95.
- (E) E. A. Soda & Son, Oakland, \$49,604.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$3000.00	\$2000.00	\$1500.00	\$5000.00	\$9032.30
(2)	3.50	15.00	2.50	3.70	2.20
(3)	29.00	33.00	34.00	32.50	35.00
(4)	.06	.065	.065	.07	.06
(5)	1.50	1.50	1.50	1.00	1.60
(6)	2.50	2.50	3.25	2.35	2.50
(7)	130.00	110.00	130.00	114.00	100.00
(8)	700.00	1550.00	453.93	1000.00	500.00

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- San Francisco; net, 5 days.
- (B) J. G. Grantan, 1995 Oak St., San Francisco; 1 1/2, 20 days.
- (C) Robert Garcia Well Drilling and Pump Co., 2045 University Ave., Palo Alto; net.
- (D) Coffman Bros., 820 College St., Woodland; 5% 20 days/ 2% 30 days.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1a)	\$3.75	\$2.00	\$4.32	\$2.00
(1b)	4.50	2.50	4.81	2.00
(1c)	3.25	3.00	3.31	2.00
(1d)	.....	3.00	5.81	2.00
(1e)	.....	3.00	6.51	2.00
(1f)	.....	3.00	.....	2.50
(2a)	.....	1.30	1.14	1.10
(2b)	.....	1.50	1.63	1.45
(2c)	.....	1.88	2.44	2.40
(2d)	.....	2.31	.....	2.40
(3)	.....	.....	39.15	39.15
(4a)	8.50	6.00	3.25	3.00
(4b)	10.00	6.00	3.55	3.00
(5)	5.25	3.50	4.00	3.50

**BIDS OPENED**

**GRIDLEY, Butte Co., Cal.**—Robert Garcia Well Drilling & Pump Co., 2045 University Ave., Palo Alto, submitted the only bid received by the Procurement Office, Treasury Department, Room 514, 40 Fourth St., San Francisco, under Bid No. 3937, for the drilling of a well at the Gridley Unit of the California Migratory Labor Camp, to an estimated depth of 175 feet.

- Bids were taken as follows:
- (1) Drilling:
    - (a) 100 ft. from ground surface to depth of 100 ft. below ground surface;
    - (b) 100 ft. from depth of 100 ft. to depth of 200 ft. do;
    - (c) 100 ft. from depth of 200 ft. to depth of 300 ft. do;
    - (d) 100 ft. from depth of 300 ft. to depth of 400 ft. do;
    - (e) 100 ft. from depth of 400 ft. to depth of 500 ft. do;
    - (f) 300 ft. additional drilling.
  - (2) Furnishing and placing casing:
    - (a) Per lf., furnishing and placing 6 1/2-in. standard well casing;
    - (b) Per lf., furnishing and placing 8 1/2-in. do;
    - (c) Per lf., furnishing and placing 10 1/2-in. do;
    - (d) Per lf., furnishing and placing standard well casing;
  - (3) Per lf., furnishing and placing standard brass trainer;
  - (4) Furnishing and placing gravel:
    - (a) Per c.y., clean 3/4-in. gravel in well;
    - (b) Per c.y., pea gravel in well;
  - (5) Furnishing necessary equipment and making required pumping tests, per hour.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1a)	\$4.31	(1b)	\$4.81	
(1c)	5.31	(1d)	5.81	
(1e)	6.31	(1f)	.....	
(2a)	1.14	(2b)	1.63	
(2c)	2.44	(2d)	.....	
(3)	39.15	(4a)	3.25	
(4b)	3.55	(5)	4.00	

Terms net.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**  
**WATSONVILLE** Santa Cruz Co., Cal.—The Watsonville City Council will advertise for bids June 8 to be opened June 22, 8 P. M. for the construction of extensions to the sewer system, estimated to cost \$269,000. This will be the first unit of a program of extensions and additions to the sewer and drainage system for which \$220,000 in bonds were voted May 10. The work will involve:  
 (1) 5 manholes;  
 (2) 1,110 lf. 6-in vitrified pipe;  
 (3) 540 lf. 6-in cast iron bell pipe;  
 (4) 13 6-in. cast iron vyes (6x4);  
 (5) 32 6-in. vitrified vyes (6x4).  
 Bert Klitchen, City Engineer.

**PLANS BEING COMPLETED**

**FRANCISCO, Orange Co., Calif.**—F. S. Currie, 219 Anderson Bldg., San Bernardino, consulting engineer, is completing plans for a sewage treatment plant to be constructed by the City of Orange to be placed in operation as soon as the city formally with-

draws from the joint outfall sewer. The plant will be of the activated sludge type, with primary settling tanks, filtration beds, gas collection apparatus, etc. Est. cost, \$70,000. It will be located on the east bank of the Santa Ana River near La Veta Avenue.

**TUOLUMNE CO.—BRIDGE & GRADING—(Govt.)**

**TUOLUMNE COUNTY, Cal.**—Following bids were received by the Bureau of Public Roads, Federal Office Bldg., San Francisco, C. H. Sweetser, District Engineer, for grading and constructing bridge and approaches on Section D of Route 38, the Sonoma Pass National Forest Highway, Stanislaus National Forest, Tuolumne County.

Bids were taken under three schedules, involving the following items:

- SCHEDULE A**
- (1) 11.5 acres clearing;
  - (2) 11.5 acres grubbing;
  - (3) 59,300 c.y. excavation, unclass.;
  - (4) 460 c.y. do for structures;
  - (5) 7,950 c.y. do for borrow;
  - (6) 136,300 sta. yds. overhaul;
  - (7) 1.498 miles finished earth graded roads;
  - (8) 23.5 c.y. Class A concrete;
  - (9) 350 lbs. reinf. steel;
  - (10) 142 lf. 8-in. asph. dipper CGSMP;
  - (11) 242 lf. 18-in. CGSMP;
  - (12) 636 lf. 24-in. do;
  - (13) 131 lf. 30-in. do;
  - (14) 6 spillway inlets, type A;
  - (15) 4 drop inlets, 18-in.;
  - (16) 4 reinf. inlet covers;
  - (17) 18 right of way monuments;
  - (18) 19 culvert markers;
  - (19) 50 lf. 12-in. welded steel pipe (10 gauge);
  - (20) 90 lf. 12-in. do (12 gauge);
  - (21) 86 lf. 4-in. do;
  - (22) lump sum, pipe line accessories.

- SCHEDULE B**
- (1) 2.0 acres clearing;
  - (2) 2.0 acres grubbing;
  - (3) 7,900 c.y. unclass. excavation;
  - (4) 490 c.y. do for structures;
  - (5) 2,000 c.y. do for borrow;
  - (6) 25,300 sta. yds. overhaul;
  - (7) 9,232 mile finished earth graded roads;
  - (8) 270 c.y. Class A concrete;
  - (9) 91 c.y. Class B concrete;
  - (10) 317 c.y. Class D concrete;
  - (11) 126,000 lbs. reinf. steel;
  - (12) 60 c.y. Class B cement stone masonry;
  - (13) 110 lf. 8-in. asph. dipped CGSMP;
  - (14) 38 lf. 18-in. CGSMP;
  - (15) 2 spillway inlets, type A;
  - (16) 1 drop inlet, 18-in.;
  - (17) 1 reinf. concrete inlet cover;
  - (18) 1000 lbs. bronze bearing plates;

- (19) 2 right of way monuments;
  - (20) 1 culvert marker;
  - (21) 2 guide posts;
  - (22) force account; remove rock pt. at bridge site, paid for as earned.
- SCHEDULE C**
- (1) 13.5 acres clearing;
  - (2) 13.5 acres grubbing;
  - (3) 67,200 c.y. unclass. excav.;
  - (4) 950 c.y. do for structures;
  - (5) 9,950 c.y. do for borrow;
  - (6) 161,600 sta. yds. overhaul;
  - (7) 1,730 miles finished earth graded roads;
  - (8) 293.5 c.y. Class A concrete;
  - (9) 91 c.y. Class B concrete;
  - (10) 317 c.y. Class D concrete;
  - (11) 126,350 lbs. reinf. steel;
  - (12) 60 c.y. Class B cement stone masonry;
  - (13) 142 lf. 8-in. asph. dipper CGSMP;
  - (14) 280 lf. 18-in. CGSMP;
  - (15) 636 lf. 24-in. CGSMP;
  - (16) 134 lf. 30-in. CGSMP;
  - (17) 8 spillway inlets, type A;
  - (18) 5 drop inlets, 18-in.;
  - (19) 5 reinf. concrete inlet covers;
  - (20) 1,000 lbs. bronze bearing plates;
  - (21) 20 right of way monuments;
  - (22) 20 culvert markers;
  - (23) 2 guide posts;
  - (24) 50 lf. 12-in. (7 gauge) welded steel pipe;
  - (25) 90 lf. 12-in. do (10 gauge);
  - (26) 86 lf. 4-in. (12 gauge) welded steel pipe;
  - (27) lump sum, pipe line accessories;
  - (28) force account, remove rock point at bridge site, to be paid for as earned.

- Total bids follow:  
 (A) Young & Son Co., Ltd., Berkeley (Sched. A) \$91,862.70  
 (B) Bodenhamer Const. Co., Oakland (Sched. A) \$115,946.25  
 (C) Bodenhamer Const. Co., Oakland (Sched. C) \$173,337.23  
 (D) R. R. Carlson, Stockton (Sched. C) \$119,536.00  
 (E) Granfield-Farrar & Carlin, San Francisco (Sched. C) \$164,878.50  
 (F) Wickes Engr. & Const. Co., Des Moines (Sched. B) \$79,573.00  
 (G) Wickes Engr. & Const. Co., Des Moines (Sched. C) \$181,996.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$300.00	\$275.00	\$275.00	\$300.00	\$800.00	\$300.00	\$400.00
(2)	300.00	100.00	100.00	200.00	200.00	150.00	150.00
(3)	1.20	1.60	1.60	.85	1.40	1.50	1.35
(4)	1.75	5.00	5.00	2.50	4.00	15.00	10.00
(5)	.50	.50	.50	.70	.60	.75	.70
(6)	.02	.03	.03	.05	.08	.07	.07
(7)	800.00	700.00	700.00	400.00	500.00	500.00	400.00
(8)	40.00	47.50	47.50	28.00	40.00	68.00	64.00
(9)	.10	.06	29.50	27.00	38.00	66.00	66.00
(10)	1.20	1.20	38.60	35.00	42.00	68.00	68.00
(11)	2.05	2.16	06	06	08	07	07
(12)	2.85	3.20	19.00	15.00	23.00	20.00	20.00
(13)	3.50	4.12	1.20	2.75	1.25	2.00	2.00
(14)	20.00	17.50	2.16	3.25	2.25	3.00	3.00
(15)	75.00	50.00	3.20	5.60	3.50	30.00	4.00
(16)	20.00	10.00	4.12	3.00	4.25	50.00	5.00
(17)	4.00	4.00	17.50	40.00	20.0	20.00	30.00
(18)	4.00	3.00	50.00	30.00	75.00	.50	50.00
(19)	2.75	2.60	10.00	45.00	15.00	10.00	20.00
(20)	2.35	2.00	.64	.65	.65	5.00	.50
(21)	1.20	.75	4.00	8.00	3.50	10.00	10.00
(22)	75.00	75.00	3.00	4.00	3.50	400.00	5.00
(23)	.....	.....	7.00	4.00	15.00	.....	10.00
(24)	.....	.....	2.60	3.25	3.00	.....	3.00
(25)	.....	.....	2.00	2.75	2.50	.....	2.50
(26)	.....	.....	.75	2.00	1.60	.....	1.50
(27)	.....	.....	27.00	75.00	75.00	100.00	200.00
(28)	.....	.....	400.00	400.00	400.00	.....	400.00

Schedules (A) (A) (C) (C) (C) (B) (C)

Bids taken under advertisement.



**PLANNED**

**ANAHEIM**—Cities in the joint outfall sewer district, exclusive of Santa Ana and Orange, propose to follow the recommendations of Consulting Engineer Harry N. Jenks to construct a 36-in. vitrified pipe line to replace the joint outfall line which requires reconstruction. The cost is estimated at \$250,000. The cities, with the exception of Orange, which plans to construct its own treatment plant, will submit the proposal to Santa Ana in an effort to interest that city in the plan.

**33— WATER WORKS**

**BIDS WANTED**

**SAN FRANCISCO**—Until June 14, 3 p.m. bids will be received by A. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, under Bid No. 1817, for furnishing miscellaneous 2-in., 4-in., 6-in., 8-in., and 16-in. cast iron bell and spigot water pipe.

Specifications obtainable from the above office.

**BIDS WANTED**

**WASCO, Kern Co., Calif.**—Until June 15, 7:30 P. M. bids will be received by the Maple School District for drilling well, furnishing and installing 7½-h.p. pump and tank, 4-ft. 6-in. by 12-ft. and pipe. Further particulars may be obtained from D. L. Schellenberg, Clerk, Maple School District, Wasco.

**BIDS OPENED**

**SAN FRANCISCO**—E. J. Treacy, 430 Call Bldg., at \$1,229.90 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 144, for laying of 2-, 4-, 6-, and 8-inch cast iron mains in Palmetto, Saint Charles, Commercial and Emery Lane.

The work involves:

- (1) 1,030 lf. excavation and backfill for 2-in., 4-in., 6-in., and 8-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 30 c.y. additional excavation and backfill;
- (3) 100 sq. ft. additional pavement removal and replacement;
- (4) Installing pipe:
  - (a) 150 lf. of 2-in. bell and spigot cast iron pipe;
  - (b) 300 lf. 4-in. bell and spigot cast iron pipe;
  - (c) 320 lf. 6-in. bell and spigot cast iron pipe;
  - (d) 260 lf. 8-in. bell and spigot cast iron pipe;
- (5) 3,000 lbs. installing of fittings, gate valves, etc.;
- (6) 140 lf. bell and spigot joints for pipe and fittings;
- (7) 2,700 sq. ft. of asphaltic concrete repavement;
- (8) 13 each installation of ¾-in. screw taps;
- (9) 200 lf. installation of ¾-in. copper service pipe.

Total bids were:

- (A) E. J. Treacy.....\$1,229.90
- (B) Lowrie Paving Co., S. F.....1,751.50
- (C) S. F. Water Dept.....1,794.20
- (D) Martin Murphy, Albany, 2,105.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	\$0.66	\$0.60	\$0.70	\$0.80
(2).....	.50	1.00	1.00	2.00
(3).....	.20	.30	.45	.30
(4a).....	.06	.05	.08	.30
(4b).....	.05	.06	.08	.30
(4c).....	.05	.06	.08	.30
(4d).....	.06	.08	.08	.30
(5).....	.025	.03	0.16	.03
(6).....	.25	.30	.57	1.00
(7).....	.10	.20	.25	.18
(8).....	1.50	2.00	1.00	2.00
(9).....	.30	.20	.43	.70

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Hackett Pipe & Supply Co. was awarded contract by Metropolitan Water District Pur-

**MENDOCINO COUNTY—GRADE & SURFACE—(State)**

**MENDOCINO COUNTY, Calif.**—Hemstreet and Bell, 501 11th Street, Marysville, at \$155,723, submitted the low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.1 miles grading and surfacing with plant-mixed surfacing in Mendocino County between Sapp Creek and Pepperwood School.

- The work involves:
- (1) 31 acres clear and grub;
  - (2) 2,100 M. gals. water;
  - (3) 165,000 c.y. rdwy. excav., unclassified;
  - (4) 322,000 sta. yds. overhaul;
  - (5) 2,600 c.y. struc. excav.;
  - (6) 1,400 c.y. ditch and channel excavation;
  - (7) 31,500 tons imported borrow;
  - (8) 166 sta. finishing rdwy.;
  - (9) 8,825 tons mineral aggregate (plant-mix surf.);
  - (10) 445 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
  - (11) 115 tons liquid asphalt SC-2 (prime coat);
  - (12) 60 tons liquid asphalt 90-95 (seal coat);
  - (13) 720 tons screenings (do);
  - (14) 136 c.y. Class A Portland cement concrete (struc.);
  - (15) 6,500 lbs. bar reinf. steel;
  - (16) 250 lf. 8-in. CMP;
  - (17) 2,200 lf. 18-in. do;
  - (18) 80 lf. 24-in. do;
  - (19) 70 lf. 30-in. do;
  - (20) 88 lf. 36-in. do;
  - (21) 48 lf. 48-in. do;

- (22) 52 lf. 72-in. do;
  - (23) 54 lf. 96-in. do;
  - (24) 650 lf. 8-in. perf. metal pipe underdrains;
  - (25) 155 lf. 120-in. multipeel CMP;
  - (26) 1,500 tons rock filling material;
  - (27) 37 lf. existing pipe culverts, removed, cleaned and salvaged;
  - (28) 5 each frames and covers for drop inlets;
  - (29) 6 each spillway assemblies;
  - (30) 72 each culvert markers;
  - (31) 24 each guide posts;
  - (32) 6 miles new property fence;
  - (33) 9 each drive gates;
  - (34) 6 each headwalls removed and disposed of;
  - (35) 60 each monuments, complete, in place.
- Total bids follow:
- (A) Hemstreet & Bell, Marysville, \$155,723.00.
  - (B) D. McDonald, Sacramento, \$155-875.20.
  - (C) Piombo Bros & Co., San Francisco, \$161,579.60.
  - (D) Donald Atkinson, San Francisco, \$184,864.60.
  - (E) John Carlin, San Francisco, \$185-188.00.
  - (F) Hains Bros & Larson Bros, Sacramento, \$188,138.25.
  - (G) A. Teichert & Son, Sacramento, \$189,068.75.
  - (H) Union Paving Co., San Francisco, \$230,181.00.
  - (I) Chas. L. Harney, San Francisco, \$245,324.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	\$100.00	\$120.00	\$200.00	\$300.00	\$200.00	\$200.00	\$150.00	\$200.00	\$250.00
(2).....	1.50	1.50	1.50	1.50	2.00	1.50	1.25	2.00	2.00
(3).....	.35	.34	.39	.46	.37	.46	.41	.65	.67
(4).....	.01	.01	.01	.01	.005	.01	.01	.01	.01
(5).....	1.25	1.50	2.00	1.25	1.50	2.00	1.50	2.00	2.00
(6).....	.75	1.30	1.50	1.00	1.00	1.00	.80	1.50	2.00
(7).....	.55	.56	.45	.72	.90	.50	.75	.75	.85
(8).....	5.00	5.00	10.00	7.50	10.00	8.00	6.00	10.00	10.00
(9).....	2.50	2.40	2.04	2.40	3.00	3.25	4.05	3.00	3.50
(10).....	25.00	25.00	24.84	22.00	25.00	25.00	23.00	25.00	18.00
(11).....	20.00	20.00	17.50	18.00	23.00	20.00	20.00	20.00	21.00
(12).....	23.00	23.00	24.00	20.00	25.00	30.00	25.00	25.00	20.00
(13).....	3.00	3.00	3.50	3.00	3.75	4.00	5.00	3.50	3.00
(14).....	25.00	25.00	25.00	30.00	30.00	28.00	26.00	25.00	40.00
(15).....	.06	.06	.07	.07	.07	.08	.06	.10	.07
(16).....	1.15	1.10	1.50	1.10	1.10	1.00	1.10	1.30	1.00
(17).....	1.80	2.00	1.90	1.90	2.00	2.10	2.00	2.50	2.00
(18).....	3.00	3.00	3.20	2.85	3.00	3.25	3.00	4.00	3.00
(19).....	4.00	3.50	4.00	3.75	4.00	4.00	4.00	5.00	3.00
(20).....	6.00	5.00	8.00	5.50	6.00	5.50	6.00	7.00	3.00
(21).....	8.50	8.00	9.00	7.70	8.50	8.00	8.50	10.00	7.00
(22).....	17.00	14.00	14.00	15.00	17.00	18.00	17.00	16.00	15.00
(23).....	27.50	25.00	21.00	24.00	27.00	30.00	29.00	30.00	25.00
(24).....	1.25	1.00	1.00	1.05	1.10	1.00	1.10	1.30	1.25
(25).....	45.00	53.00	40.00	48.00	60.00	48.00	48.00	50.00	70.00
(26).....	1.50	1.50	1.50	2.00	2.50	2.00	1.50	3.00	1.40
(27).....	.75	.50	1.00	1.00	1.00	1.00	.50	1.00	1.00
(28).....	50.00	60.00	40.00	50.00	50.00	60.00	50.00	60.00	40.00
(29).....	15.00	20.00	18.00	20.00	15.00	20.00	16.00	20.00	17.50
(30).....	3.00	2.50	3.00	2.00	2.25	3.00	3.00	3.00	3.00
(31).....	3.00	2.30	2.00	2.00	2.00	3.00	3.00	3.00	3.00
(32).....	650.00	600.00	700.00	600.00	725.00	800.00	625.00	700.00	800.00
(33).....	20.00	30.00	20.00	15.00	20.00	18.00	22.50	20.00	30.00
(34).....	5.00	10.00	10.00	10.00	15.00	10.00	10.00	15.00	10.00
(35).....	3.50	3.00	3.00	3.00	3.00	3.00	3.50	3.00	3.00

NEED A . . .

# FLOOR

## Sander or Polisher?

See LEITCH, 939 Howard Street, San Francisco

FOR SALE :: FOR RENT

chasing Agent May 29, at \$2245.85, for valves and fittings for reservoirs at Iron Mt. Intake, Gene, Eagle Mt. and Hayfield pumping plants. Bid 83016.

#### BIDS WANTED

**SAN FRANCISCO.**—Until June 15, 10 A. M., bids will be received by the Constructing Quartermaster, Captain S. W. Hulise, Q.M.C., Fort Mason, under Bid No. 50610-57-105, for manning changes and additions to water system at the Presidio of San Francisco.

Specifications obtainable from the above office.

#### BOND ELECTION PLANNED

**SANTA ROSA, Sonoma Co., Calif.**—The City Council plans to call a special election the last week in June to vote \$177,840 in bonds to finance acquisition of the Santa Rosa Water Works System and consolidation with the present city system.

Purchase price of the Santa Rosa Water Works Co. which serves approximately 250 water users within the city and about 800 consumers outside the city limits, has fixed at \$220,000. Consolidation of the two systems is estimated to cost \$40,095, and improvements totalling \$17,745 are also planned.

Alfred P. Noyes, City Manager.

#### BIDS WANTED

**LAURIER, Wash.**—Until June 16, 2 P. M., bids will be received by the District Engineer Wm A. Newman, 232 Federal Office Bldg., San Francisco, under Bid No. FB-DE-S, for the construction of a water supply system, etc., at the U. S. Inspection, Laurier.

Specifications obtainable from the above office.

#### 34— PARKS AND PLAY GROUNDS

##### BIDS WANTED

**SAN FRANCISCO.**—Until June 16, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for planting the grounds of the Federal Office Building at San Francisco.

Drawings and specifications may be obtained from the above office and from the District Engineer Arthur Newman, P. O. Bldg., San Francisco.

June 1, 1937.

##### BIDS WANTED

**SAN FRANCISCO.**—Until June 17, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. Mint, San Francisco.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg., San Francisco.

##### BIDS OPENED

**SALINAS, Monterey Co., Calif.**—California Nursery Co., Niles, at \$2,262.90, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Salinas.

Complete bids filed by California Nursery Co.,

Niles \$2,262.90  
Harriet Hodgson, Salinas \$2,750.00  
Allidan Nursery, Watsonville \$2,557.30

##### BIDS OPENED

**ORANGE, Calif.**—Peterson Buildingwood, at \$326, submitted low bid to the Procurement Division, Washington, D. C., for planting the grounds of the U. S. Post Office at Orange.

### Yolo & Sacramento Counties—Levee Construction—(Govt.)

**YOLO AND SACRAMENTO COS., Calif.**—Haas-Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, at \$115,597.50 (\$0.0685 per c.y. for levee embankment, in place) submitted the low bid to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-159, for setting back, raising and strengthening the existing levee and constructing new levee, as follows:

#### SECTION I

- Along the west levee of the Yolo By-Pass southerly from Fremont Weir approximately 2.3 miles to the north levee of Knights Landing Ridge cut, (304,500 c.y.);
- Along the north and south levees of Knights Landing Ridge Cut for approximately ¼ mile northwesterly from the west levee of the Yolo By-Pass and approximately 2,200 ft. of spur levee; (152,300 c.y.);
- Along the west levee of Yolo By-Pass from the south levee of Knights Landing Ridge Cut approximately 2.7 miles to the Sacramento Northern R.R.; (450,500 c.y.).

#### SECTION II

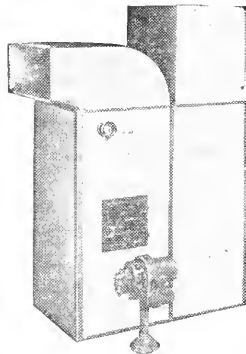
- Along the northerly and easterly training levee of the Cache Creek Settling Basin from the west levee of the Yolo By-Pass in a general westerly and northerly direction for approximately 3 miles to the north levee of Cache Creek; (212,800 c.y.);
- Along the south levee of Cache Creek from a point about 1.5 miles east of the Southern Pacific Railroad for approximately 1.2 miles, then southerly and westerly along the West Training Levee of the Cache Creek Settling Basin for approximately 1.8 miles; (113,900 c.y.).

The work involves:

#### SECTION I

- 937,300 c.y. levee embankment, in place;
- 70 c.y. road gravel, in place;
- 45 c.y. class A concrete, in place;
- 2,650 lbs. reinforcing steel, in place;
- 32 ft. corrugated iron pipe, 18-in. diam. No. 12 gauge, with necessary 18-in. diam. band couplers, in place;
- 718 feet corrugated iron pipe, 24-in. diam. No. 12 gauge, with necessary 24-in. diam. band couplers, in place;
- 120 ft. corrugated iron pipe, 36-in. diam. No. 10 gauge, with necessary 36-in. diam. band couplers, in place;
- 700 ft. corrugated iron pipe, 42-in. diam. No. 10 gauge, with necessary 42-in. diam. band couplers, in place;
- 8 ea., corrugated iron cut-off sheets, 49½-in. x 50-in. No. 12 gauge, to fit 24-in. diam. corrugated iron pipe, in place;
- 2 ea., corrugated iron cut-off sheets, 60½-in. x 60-in. No. 12 gauge, to fit 36-in. diam. corrugated iron pipe, in place;
- 14 ea., corrugated iron cut-off sheets, 73½-in. x 70-in. No. 12 gauge, to fit 42-in. diam. corrugated iron pipe, in place;
- 1 ea., Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 14-ft. gate frame, or equal, in place;
- 1 ea., Calco No. 1001 automatic drainage and slide head gate, 24-in. diam., with 15-ft. gate frame, or equal, in place;
- 1 ea., Calco No. 1001 automatic drainage and slide head gate, 36-in. diam., with 20-ft. gate frame, or equal, in place;
- 2 ea., Calco No. 1001 automatic drainage and slide head gate, 42-in. diam., with 20-ft. gate

## Atlas Air Conditioning Oil Burning Furnaces for Warm Air Heating



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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## RECLAMATION BUREAU

**ALL-AMERICAN CANAL.**—Until June 18, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 932-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Potholes, the piping, storage tank, and appurtenances for the industrial and drinking water systems for the Imperial Dam and desilting works, All-American Canal system, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1.25, not returnable.

**POTHOLES, Calif.**—Until June 17, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 933-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Potholes, gate frames and curb frames for eight sluice gates and eight diversion gates, for installation in Basin No. 3 of the desilting works of the Gila Valley Canal, Gila Project, Arizona. The frames will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50 cents, not returnable.

## LOS ANGELES COUNTY

**LOS ANGELES.**—Until June 15, 2 p. m., bids will be received by Los Angeles county supervisors for reinforced steel for spillway at San Gabriel Dam No. 1, f.o.b. trucks or R.R. cars at Azusa. The items are:

- (1) 265 cwt. 1 1/4-in. sq. deformed;
- (2) 634 cwt. 1 1/4-in. sq. deformed;
- (3) 272 cwt. 1 1/4-in. sq. deformed;
- (4) 310 cwt. 1-in. round deformed;
- (5) 870 cwt. 3/4-in. round deformed;
- (6) 3225 cwt. 3/4-in. round deformed;
- (7) 1930 cwt. 3/4-in. round deformed;
- (8) 52 cwt. 1/2-in. sq. deformed;
- (9) 368 cwt. 1/2-in. round deformed;
- (10) 10 cwt. 3/4-in. round deformed.

C. H. Howell, Chief Engineer, Los Angeles County Flood Control District; Mame B. Beatty, clerk of the board.

## WAR DEPARTMENT

**SACRAMENTO.**—Until June 15, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-228, for furnishing gasoline and lubricating oil.

Delivery to Government cars at service stations located at various points in California.

Specifications obtainable from the above office.

## CALIFORNIA STATE

**SACRAMENTO.**—Until June 9, 10 a. m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 56593, for furnishing 1,000 tons, more or less, of sand blast sand. Alternate bids are requested on Grade A and Grade B sand.

Sand to be graded, dried and sacked and shipped in carload lots and when requested to various destinations in the state.

- Bids will be taken as follows:
- (1) In bulk f.o.b. destinations designated;
  - (2) Graded, dried and sacked f.o.b. destinations designated;
  - (3) In bulk f.o.b. vendor's plant;
  - (4) Graded, dried and sacked f.o.b. vendor's plant;
  - (5) Credit allowance on empty sacks.
- Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the Procurement Office, Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing miscellaneous materials for use on WPA projects, as follows:

JUNE 8, 10 A. M.:

**BID NO. 4016:** tray shook, miscellaneous ends, sides, slats and bottom strips; fob Magill Tract, 3/4 mile east of Winters, Calif.;

**BID NO. 4017:** 1600 lf. dividing strips for terrazzo floors; fob Santa Clara Public Cemetery, Santa Clara, Calif.;

**BID NO. 4015:** 16,000 FBM rough Oregon pine, 13x12-in.; fob Magill Tract, 3/4 mile east of Winters, Calif.;

JUNE 9, 10 A. M.:

**BID NO. 4024:** 80 tons of liquid asphalt, Type SC-3, fob vendor's refinery or Cottonwood, Tehama county;

**BID NO. 4026:** 50 gals. pigment wall sealer; 115 gallons gloss white enamel; 50 gals. raw linseed oil; 50 gals. turpentine; 115 gals. light ivory wall paint; delivery fob State Hospital, Stockton;

**BID NO. 4023:** 120 tons liquid asphalt, Type SC-2, fob sponsor's trucks, vendor's plant in vicinity of Bakersfield, Kern Co.

Specifications obtainable from the above office.

## WAR DEPARTMENT

**SACRAMENTO, Cal.**—Until June 9 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, for miscellaneous brass pipe and fittings. Bid No. 1105-37-229.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until June 11, 10 A. M., bids will be received by the Quartermaster Supply Office, San Francisco General Depot, Fort Mason under Bid No. 928-37-432, for furnishing paper bags, insecticide, etc. Specifications obtainable from the above office.

**LOS ANGELES, Cal.**—Until June 10, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, for pile and timber structures to support Beacon No. 2 in Los Angeles Outer Harbor. Circ. Prop. 309.

**SAN FRANCISCO.**—Until June 10, 3 p. m., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lieut.-Col. J. A. Dorst, District Engineer, under

Bid No. 868-37-287, for furnishing one platform type body truck, two-ton, with drop type tail gate, 1937 model.

Delivery f.o.b. San Francisco and/or bidder's shipping point.

Bidder to state trade-in allowance on 1 1/2-ton platform body Ford truck, 1930 model, to be delivered, as is, f.o.b. Senator's Garage, 755 Pacific St., San Francisco.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO, Calif.**—Until June 9, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, under Bid No. 4041, for drilling of wells at the California Migratory Labor Camp at Winters, Calif.

The work involves:

1. Drilling:
  - (a) 100 ft. from surface to depth of 100 ft.;
  - (b) 100 ft. from depth of 100 ft. to depth of 200 ft.;
  - (c) 100 ft. from depth of 200 ft. to depth of 300 ft.;
2. Furnishing and placing casing:
  - (a) 300 lf. 10-in. 12-gauge double well casing;
3. Furnishing all necessary equipment per 24 hours.

Plans and specifications obtainable at above office.

**SAN FRANCISCO.**—Until June 9, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, under Bid No. 4042, for drilling of wells at the California Migratory Labor Camp at Gridley.

The work involves:

1. Drilling:
    - (a) 100 ft. from ground surface to depth of 100 ft.;
    - (b) 100 ft. from depth of 100 ft. to depth of 200 ft.;
  2. Furnishing and placing casings:
    - (a) 200 lf. placing 10-in. 12 gauge;
  3. Furnishing all necessary equipment per 24 hours.
- Plans and specifications obtainable from above office.

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**EAST BAY UTILITY DIST.**

OAKLAND, Calif.—Until June 9, 5:30 P. M. bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows:

Informal Proposal No. 878: 625 tons quick lime and hydrate lime.  
Informal Proposal No. 877: 250 tons aluminum sulphate;  
Informal Proposal No. 876: 80 tons of liquid chlorine.

Spec. No. L. S. 197: 215,000 gallons emulsified asphalt.

Specifications obtainable from the above office.

**MET. WATER DISTRICT**

LOS ANGELES, Cal.—Until June 16, 10 A. M., bids will be received by the Metropolitan Water District Purchasing Agent for sale of three gasoline locomotives to be inspected one at Wide Canyon Camp, one at Berdoo Camp and one at Berdoo Aggregate Plant; Bid 264.

LOS ANGELES, Cal.—Until June 8, 10 A. M., bids will be received by the Metropolitan Water District Purchasing Agent for sale of tunnel lining forms and form carriage to be seen at Berdoo Camp; Bid 265.

**CANAL ZONE**

PANAMA CANAL ZONE.—Until June 9, 10:30 A. M., bids will be received by H. A. A. Smith, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sched. No. 3259, for furnishing miscellaneous supplies and equipment, including:

Corrugated metal roofing, steel, wire rope, barbed wire, steel wire, copper-nickel-alloy rods, brass sheets and rods, copper sheets and bars, seamless copper pipe, seamless brass pipe, pipe fittings, hose couplings, range boilers, urinals, water - closet seats, metal valves (gate, angle, globe, throttle and pressure-reducing) hobb cocks, ball cocks, finishing nails, moat spikes, hose (pneumatic, water, steam, suction, and oil-suction

and discharge) Manila rope, sash cord and piling.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

**RECLAMATION BUREAU**

COLORADO RIVER PROJ., Tex.—Until June 24, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 735, for furnishing and delivering for cars at the shipping point and/or Rutledge, Texas, twenty-four bulkhead-gate frame and track assemblies for installation at the inlet ends of the outlet conduits of the Marshall Ford Dam, Colorado River Project, Texas. The gate frames and tacks will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, \$1. not returnable.



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No. 21

## SOUTH TOWERS FOR '39 FAIR OUT FOR BIDS

### Utilities Commission Adver- tises Annual Contract for Street Repaving

Four contracts, which probably will amount to more than \$100,000 in the aggregate, were advertised for bids yesterday by the San Francisco Public Utilities Commission.

Largest of the group is for construction of the South Towers for the 1939 exposition on Yerba Buena Shoals.

Bids on the exposition contract will be opened June 23 by the commission, as will proposals for the annual water department repaving contract and for installing an air conditioning system in the San Francisco Water Department Bldg.

#### Re-shingling Cottages

The fourth contract was advertised informally, with bids to be opened June 15. It involves re-shingling of the Pilarcitos and Crystal Springs cottages in San Mateo county.

The exposition tower contract calls for construction of the two south towers of the main exposition group. They will be wood frame structures, about 104 feet in height, and will rest on pile foundations.

The structures are temporary exposition buildings, serving chiefly as the basis for decorative motifs for the finished South Court No. 4. They will have wood sheathing, wood floors and decks, and composition roof covering.

The annual street repaving contract calls for repaving streets and sidewalks at various locations in San Francisco where necessary activities of the water department have disturbed the existing pavements.

The contract, approximately the same from year to year, last year was awarded to Lowrie Paving Co., at \$34,514.

The air conditioning system, for which bids also were invited yesterday, is to be installed in the San Francisco Water Department's office building at 425 Mason street.

### ROBERTSON BIDS WEIMAR HOSPITAL

WASHINGTON, D. C., June 9.—H. W. Robertson, 3004 "F" street, Sacramento, today submitted a low bid of \$52,898 to the Interior Department for construction of a hospital building and employees' cottage at Weimar, Sacramento Agency, 14 miles north of Auburn. Second low bidder for the contract was Willis F. Lynn, Oakland, at \$60,577.

The hospital building will be one story in height, of frame and stucco construction, and will consist of a center block and two wings. The cottage is to be a one-story frame and stucco structure.

### Award Hickam Field Electrical System

WASHINGTON, D. C., June 9.—The War Department announced today award to H. H. Walker, Inc., 1323 Venice boulevard, Los Angeles of the contract for construction of the electric distribution system at Hickam Field, the Army's new air base in Hawaii.

Amount of the contract price, it was announced, is \$191,300.

The price, apparently, was the result of the addition of Alternate II to the main proposal. Walker's low bid on Proposal I was \$183,600, and his bid on the alternate was \$7,700.

The alternate is an addition for constructing an electrical distribution system at Fort Kamehameha.

### FLOOR CONTRACTORS WILL MEET TONIGHT

Members of the Hardwood Floor Contractors' Association will hold their regular meeting tomorrow evening at San Francisco Builders' Exchange, President Edward Hanley announced yesterday.

The meeting will start promptly at 8 P. M. President Hanley said. Members are requested to be at the exchange, 666 Mission street, at the scheduled time.

## CAMPBELL BIDS STOCKTON STATE HOSPITAL WORK

### Sacramento Firm Submits \$49,722 Low Bid on Gen- eral Contract

SACRAMENTO, June 8.—Campbell Construction Co., 800 R street, Sacramento, today submitted the lowest of four general bids to State Architect George B. McDougall for construction of additions and alterations to the kitchen building and constructing a new boiler plant at the Stockton State hospital farm.

Amount of the low proposal was \$49,722.

Complete bids on the general contract were as follows:

Campbell Const. Co.	\$49,722
Arthur Pinner, Los Angeles	51,978
Fred J. Early, Jr., S. F.	52,972
K. S. Parker Co., S. F.	74,000

#### Plumbing, Heating

Scott Co., Inc., 243 Minna street, San Francisco, was the only bidder for plumbing and heating. The firm's proposal was \$5,277.

Three bids for electrical work were received, the lowest being \$995, submitted by Collins Electrical Co., 708 E. Market street, Stockton.

Other bidders for electrical work were Eddy Electrical & Mechanical Co., Stockton, at \$1370, and Spencer Electric Co., San Francisco, at \$1,557.

Plans for the work were prepared in the office of State Architect McDougall. The boiler plant building is to be constructed around the existing boiler equipment.

### EXHIBIT CEMENTED CARBIDE TOOL FILM

The American Cutting Alloys, Inc., 500 Fifth avenue, New York N. Y., has exhibited before private groups in New York and Philadelphia its new imported motion picture film on the "Manufacture and Use of Cemented Titanium-Tungsten Carbide Tips and Tools in High Speed Cutting of Steel and Cast Iron."

## 5 Billion Man-Hours' Work Created, PWA Officials Estimate, as Fourth Year Ends

Work approximating five billion man-hours at the construction site or in production, fabrication and transportation of required building materials has been created by the Federal and non-Federal Public Works Administration projects.

This was revealed this week by statistical analysis as PWA nears its fourth Birthday Anniversary June 16.

The figure does not include a huge amount of additional labor created in supplying demands for consumers' goods and services.

### Indirect Labor

The five billion man-hours figure was computed from the established fact that for every man-hour of labor at the site of construction, two and a half man-hours were created in primary indirect labor (the production of materials). The primary indirect ratio was established by the Bureau of Labor Statistics of the Department of Labor after months of analyzing contractors' and manufacturers' records.

Other statisticians have calculated that for every man-hour of labor at the site of construction, an additional two man-hours of so-called secondary indirect labor was created. In other words, men furnished employment either directly or indirectly by Public Works Administration projects were enabled to buy food, clothing, and other necessities which would otherwise remain unconsumed or unpurchased because of lack of wages. Should this ratio be accepted, PWA may be said to be responsible for more than seven billion man-hours of employment.

Figures revealed in the State breakdown, which appears at the end of this article, revealed only the man-hours of labor which have been recorded as occurring at the site of construction. One cannot determine the number of indirect man-hours created in the factories, mines and forests of that particular State merely by multiplying the State total by two and a half for the reason that steel used in an Alabama school may be mined in Minnesota, fabricated in Pennsylvania, and transported through a dozen States. Likewise, the Alabama worker may eat breakfast food made in New York from grain grown in Kansas, and sleep in a night-shirt made in Massachusetts from cotton grown in Texas.

### 1,428,000,000 Man-Hours

Statisticians of the Public Works Administration have discovered that by June 16, 1937—PWA's 4th anniversary—there will have been created 1,428,000,000 man-hours at the site of the construction of thousands of schools, waterworks, sewers, post offices, bridges, and the like. There will have been created 3,570,500,000 man-hours in the production of raw materials, their transportation and fabrication. An estimated additional 2,876,000,000 man-hours will have been created in supplying the demand for consumer's goods and services.

The following figures are based upon "cold facts" recorded from the

### MATERIAL PRICE LEVEL ADVANCES

Average wholesale prices for building materials advanced 0.3 per cent during the week ended May 29, according to the weekly price summary of the U. S. Bureau of Labor Statistics. The increase was the largest shown by any group of commodities during the week.

Largely responsible for the increase, according to the bureau, were higher prices for millwork, copper sheets and laundry tubs. Brick, tile, cement and structural steel remained at the level of the preceding week. Paint and paint materials, yellow pine flooring, lath and red cedar shingles showed fractional decreases. The index stood at 97.2 per cent of the 1926 level.

## Advertise Nevada Grading Contract

Bids for grading and surfacing about 14 miles in Churchill county were invited this week by the Nevada State Highway Directors, State Highway Engineer Robert A. Allen announced.

Bids will be opened in Carson City June 24.

The project is located between the Lyon-Churchill county line and approximately 14 miles east, on Route 1, Section A-1. Major items include 113,430 cubic yards roadway excavation; 70,430 cubic yards borrow; removing and stockpiling 154,182 square yards roadmix surface; 117,470 tons Type 1 gravel base; 56,840 tons Type 2 gravel base; 11,580 tons gravel surface; 5,172,000 gallons water, and others.

date of PWA's creation by Congress in June of 1933, to May 1, 1937, and list by States the man-hours of employment provided at the construction sites of Federal and non-Federal projects in seven Western States:

State	Man-hours
California	68,398,610
Arizona	23,032,366
Nevada	11,547,220
Oregon	25,601,385
Washington	27,222,129
Utah	9,554,036
Idaho	9,736,782

## BOHNETT LOW ON DEL NORTE SPAN CONTRACT

### State Opens 14 Proposals on Four Highway Projects

SACRAMENTO, June 9.—Fourteen contractors today submitted bids to State Highway Engineer C. H. Purcell on four State construction projects costing \$138,727, in the aggregate.

Largest of the four highway contracts, for the construction of a reinforced concrete bridge across Myrtle Creek, about 10 miles north of Crescent City, attracted only one bidder.

The lone bidder was F. O. Bohnett of Campbell, whose offer was \$50,644.50. The bridge will consist of eighteen 15-foot slab spans on an open spandrel arch and concrete bents and abutments. The contract also calls for grading and treating with a s p h a l t surfacing about 0.24 mile of roadway.

### Twenty-Five Items

The contract included 25 items. Principal items were: 5,300 cubic yards of unclassified excavation; 152,000 pounds of reinforcing steel; 600 cubic yards of Portland cement and 500 cubic yards structural excavation.

Six firms bid on a contract for surfacing with road-mix surfacing and applying seal coat to 16.1 miles of roadway in Plumas County, with Frederickson & Westbrook of Lower Lake, low at \$37,004.

The location of the work was between the Feather River Inn and Beckworth.

The second lowest bidder was George French, Jr., Stockton, at \$45,820, followed by Harms Bros. of Richfield, at \$46,466. Other bidders were: Pacific States Const. Co., San Francisco, at \$46,636; A. Soda & Son, Oakland, at \$49,389, and E. A. Forde, San Anselmo, at \$51,470.

### Madera Underdrains

The third largest job for which bids were opened here today was for installing underdrains on about eight miles of highway in Madera county, between Kelshaw Corners and Course Gold.

Only two contractors bid the job, with Milton A. Purdy, Oakland, low at \$27,958.70. The other bidder was Bodenhammer Const. Co., at \$29,469.

Lee J. Immel, Berkeley, at \$23,118.50, submitted the low bid to State Highway Engineer C. H. Purcell for grading and surfacing with crusher run base and road-mix surfacing about 0.7 mile of highway in Shasta County at China Gulch.

Five contractors submitted bids with Piazza & Huntley, San Jose, at \$23,182.75, second low, followed by J. P. Brennan, Redding, at \$23,673.00. Other two bidders were: Louis Bissotti & Son, Stockton, at \$28,627.25, and A. Soda & Son, Oakland, at \$29,258.80.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
1455	Benedetti	S.F. Bldg.	2000
1456	Johnson	Owner	4000
1457	Johnson	Owner	4000
1458	Lange	Owner	1250
1459-60	Meyer	Owner	4000
1461	Tidewater	Grant	4000
1462	Armanino	Owner	2500
1463-70	Bay Shore	Owner	4000
1471	Bigelow	O'Neil	2000
1472	Costello	Owner	4000
1473	Ghirardelli	Owner	1600
1474	Heas	Hansell	1500
1475	Ins. Co.	Lindgren	20000
1476	Lange	Owner	1250
1477	Mendo	Janssen	4000
1478	Mendo	Janssen	4000
1479	Pac. Brass	S. F. Bldg.	5000
1480	Paratore	Indp. Constr.	3000
1481	Paratore	Indp. Constr.	3000
1483	Driscoll	Hjul	3000
1484-86	Heyman	Owner	4500
1487-89	Heyman	Owner	4700
1490-94	Heyman	Owner	4900
1495	Lavezzoli	De Lucili	1250
1496	Mitchell	Newton	2000
1497	Neider	Jones	1000
1498	Patt	Owner	1000
1499	Pisani	Papenhausen	4000
1500	Russo	Baldwin	1000
1	Saltzman	Bay Cities	5000
2	Shell Oil	Henrietta	7000
3	Sherin	Owner	1400
4	Slatt	Morris	4000
5	Slatt	Morris	4000
6	Liscornia	Owner	4000
7	Wellig	Owner	3500
8	Bothin	Mattock	33000
9	Chernoff	Owner	3300
10	Clausen	Holt	5000
11	Ernst	Owner	80000
12	Hedlin	Owner	4000
13	Keeney	Owner	1000
14	Kortec	Rousseau	4000
15	Phelan	Lindgren	1500
16	Presidio	Owner	15000
17	S. F. Bay	Larsen	9000
18	Tyrol	Barrett	1000
19	Beck	Owner	3800
20	Covling	McCarthy	2000
21	Doelger	Owner	5000
22	Four-Fifty	Owner	1900
23	Gail	Beck	4900
24	Kenyon	Sandow	3926
25	Lawrence	Lindberg	3850
26	Mohler	Owner	4000
27	Morris	Owner	54000
28	Olympic	Woodside	5000
29	Radford	Lindberg	3500
30	Wessells	Jensen	3000

**ALTERATIONS**

(1455) 1589 HAIGHT. Alter store. Owner—A. Benedetti, Prem. Contractor—San Francisco Bldg. & Constr. Co., 2212 Polk. \$2000 Architect—Not Given.

**DWELLING**

(1456) S. GARFIELD, 25 E VERNON. One-story frame dwelling. Owner—O. Johnson, 698 Evergreen. Architect—Not Given. \$4000

**DWELLING**

(1457) SE GARFIELD AND VERNON. One-story frame dwelling. Owner—O. Johnson, 698 Evergreen. Architect—Not Given. \$4000

**ALTERATIONS**

(1458) 3232 MISSION. Alter store. Owner—W. A. Lange, 390 Pine. Architect—Not Given. \$1250

**DWELLING**

(1459) NE MARIETTA, 226 SE OF EVELYN. One-story frame dwelling. Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$4000

**DWELLING**

(1460) NE MARIETTA, 186 SE OF EVELYN. One-story frame dwelling. Owner—Meyer Bros., 735 Portola. Architect—Not Given. \$4000

**ALTERATIONS**

(1461) SE OCEAN AND JUNIPERO SERRA. Alter service station. Owner—Tidewater Assoc. Oil Co., 79 New Montgomery. Contractor—Grant Martinelli Constr. Co., 41 Mary. Architect—Vincent G. Raney, 233 Post St. \$4000

**ALTERATIONS**

(1462) S. 17TH ST., 150 W DOLORES. Alter flats. Owner—John Armanino, 3631 17th St. Architect—Andrew H. Knoll, Hearst Bldg. \$2500

**DWELLING**

(1463) S. BAY, 689 W LEAVENWORTH ST. Two-story frame dwelling and basement. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1464) S. BAY, 689 W LEAVENWORTH ST. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1465) S. BAY, 103 W LEAVENWORTH. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1466) S. BAY, 689 W LEAVENWORTH. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1467) S. BAY, 103 W LEAVENWORTH. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny Street. \$4000

**DWELLING**

(1468) S. BAY, 103 W LEAVENWORTH. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1469) S. BAY, 689 W LEAVENWORTH. Two-story and base-

**ment frame dwelling.**

Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**DWELLING**

(1470) S. BAY, 103 W LEAVENWORTH. Two-story and basement frame dwelling. Owner—Bay Shore Realty Co., 1182 Market St. Architect—H. C. Baumann, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$4000

**ALTERATIONS**

(1471) SE TENTH AND MARKET. Alter store. Owner—Bigelow-Sanford Carpet Co., 180 New Montgomery. Contractor—Daniel O'Neill, 273 Minna St. Architect—Not Given. \$2000

**(1472) E 8TH AVE., 250 S JUDAH.**

One-story frame dwelling and basement. Owner—Michael Costello, 821 34th Ave. Architect—Not Given. \$4000

**ALTERATIONS**

(1473) 900 NORTH POINT ST. Alter factory. Owner—D. Ghirardelli Co., Prem. Architect—Wm. Moser, 244 Kearny. Engineer—W. Adrian, 417 Market Street. \$1600

**ALTERATIONS**

(1474) 3949 WASHINGTON ST. Alter flats. Owner—Wm. T. Hess, Jr., Prem. Contractor—George H. Hansell, 1834 Geary. Architect—Fair & Ward, 68 Post St. \$1500

**OFFICE BUILDING**

(1475) E SANSOME, 91 N PINE. Four-story office building. Owner—Ins. Co. of North America, 231 Sansome St. Contractor—Lindgren & Swinerton, 225 Bush St. Architect—Harry A. Thomsen, Jr., 315 Montgomery St. Engineer—H. T. Brunner, Sharon Bldg. \$20,000

**ALTERATIONS**

(1476) 3393 MISSION ST. Alter Store. Owner—W. A. Lange, 369 Pine St. Architect—Not Given. \$1250

**DWELLING**

(1477) W 41ST AVE., 231 N OF GEARY. One-story and basement frame dwelling. Owner—Mendo Corp., 1138 Clement St. Contractor—E. A. Janssen, 1138 Clement St. Architect—Not Given. \$4000

**DWELLING**

(1478) W 41ST AVE., 206 N OF GEARY. One-story and basement frame dwelling. Owner—Mendo Corp., 1138 Clement St. Contractor—E. A. Janssen, 1138 Clement St. Architect—Not Given. \$4000

**ALTERATIONS**

(1479) 259 SECOND STREET. Alter Foundry. Owner—Pacific Brass Foundry Co., 521 Filson St.

Contractor—S. F. Bldg. & Const. Co.,  
2212 Folk St.  
Architect—Not Given. \$5000

DWELLING  
(1480) W. 30TH AVE., 450 N OF  
ORTEGA. One-story and basement  
frame dwelling.  
Owner—A. Paratore, 549 Fell St.  
Contractor—Independent Constr. Co.,  
549 Fell St.  
Architect—George E. Ralph, 110 Sutter  
St. \$3000

DWELLING  
(1481) W. 30TH AVE., 475 N OF  
ORTEGA. One-story and basement  
frame dwelling.  
Owner—A. Paratore, 549 Fell St.  
Contractor—Independent Constr. Co.,  
549 Fell St.  
Architect—George E. Ralph, 110 Sutter  
St. \$3000

ALTERATIONS  
(1483) 415 JACKSON. Alter printing  
plant.  
Owner—T. A. Driscoll, 1137 Taylor.  
Contractor—James H. Hjul, 128 Russ.  
Architect—Not Given. \$3000

DWELLING  
(1484) W. COLBY, 413 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4500

DWELLING  
(1485) W. COLBY, 378 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4500

DWELLING  
(1486) W. COLBY, 343 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4500

DWELLING  
(1487) W. COLBY, 308 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4700

DWELLING  
(1488) W. COLBY, 273 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4700

DWELLING  
(1489) E. COLBY, 434 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4700

DWELLING  
(1490) E. COLBY, 391 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
Architect—Not Given. \$4900

DWELLING  
(1491) E. COLBY, 356 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$5000

DWELLING  
(1492) E. COLBY, 259 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4900

DWELLING  
(1493) E. COLBY, 364 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4900

DWELLING  
(1494) E. COLBY, 329 N SILVER  
AVE. One-story and basement  
frame dwelling.  
Owner—Heyman Bros., 742 Market  
St.  
Architect—Not Given. \$4900

ALTERATIONS  
(1495) 3024 OCTAVIA ST. Alter  
dwelling.  
Owner—M. Lavezzoli, Prem.  
Contractor—G. E. De Lucili, 4 Sharp  
Place.  
Architect—Not Given. \$1250

ALTERATIONS  
(1496) 1418 20TH AVE. Alter dwell-  
ing.  
Owner—S. Mitchell, Prem.  
Contractor—John Newton, 2029 Kir-  
kham.  
Architect—Not Given. \$2000

ALTERATIONS  
(1497) 136 MASON ST. Alter store  
and restaurant.  
Owner—Sam Neider, Oakland, Calif.  
Contractor—Paul K. Jones, 666 Mis-  
sion St.  
Architect—Not Given. \$1000

ALTERATIONS  
(1498) 33 DAY ST. Alter dwelling.  
Owner—James Patt, Prem.  
Architect—Not Given. \$1000

ALTERATIONS  
(1499) 1479 LARKIN. Alter hotel.  
Owner—Mr. Pisanl, Prem.  
Contractor—H. Papenhausen, 595  
Victoria St.  
Architect—Vincent Raney, 233 Post  
St. \$4000

ALTERATIONS  
(1500) 121 MADRID STREET. Al-  
ter dwelling.  
Owner—A. Russo, Prem.  
Contractor—Ingvar Baldwinson, 322  
Judson Ave.  
Architect—Not Given. \$1600

DWELLING  
(1) 814 41ST AVE. AND CARRIL-  
LO. One-story, frame dwelling.  
Owner—D. Saltzman, 229 19th Ave.  
Contractor—Bay Cities Bldg. Co., 160  
Russ St.  
Architect—C. O. Clausen, 746 46th  
Ave. \$5000

GAS STATION  
(2) NE FELL AND STANYAN.  
One-story steel gas station.  
Owner—Shell Oil Co., 100 Bush St.  
Contractor—V. M. Henrietta, 2929  
21st Ave.  
Plans by Architect Owner. \$7000

ALTERATIONS  
(3) NW ANDERSON AND TOMP-  
KINS. Alter dwelling.  
Owner—C. Sherin, 490 Anderson.  
Architect—Not Given. \$1400

DWELLING  
(4) W 24TH AVE., 125 S VICENTE  
One-story and basement frame  
dwelling.  
Owner—Harry Slatt, 78 Ney St.  
Contractor—Morris & Delret, 95 Pine-  
hurst Way.  
Architect—Donnell E. Jaekle, 126  
Post St. \$4000

DWELLING  
(5) W 24TH AVE., 100 S VICENTE  
One-story and basement frame  
dwelling.  
Owner—Harry Slatt, 78 Ney St.  
Contractor—Morris & Delret, 95 Pine-  
hurst Way.

Architect—Donnell E. Jaekle, 126  
Post St. \$4000

DWELLING  
(6) NW ALEMANY BLVD. AND  
SENeca. One-story and base-  
ment frame dwelling.  
Owner—Dominic Tiscornia, 1651 Ale-  
many Blvd.  
Architect—C. O. Clausen, 746 46th  
Ave. \$4000

SHED AND OFFICE  
(7) S. BERRY, 412 W 7TH. One-  
story frame shed and office.  
Owner—E. J. Welig Transportation  
Co., 2255 Taylor St.  
Architect—Dodge A. Riedy, 821 Mar-  
ket St. \$3500

ALTERATIONS  
(8) 611 MISSION ST. Alter office  
building.  
Owner—Bothin Real Estate Co., 604  
Mission St.  
Contractor—A. F. Mattock Co., 212  
Clara St.  
Architect—Angus M. Sweeney, 604  
Mission St. \$32,000

DWELLING  
(9) E DE HARO, 100 S 22ND. One-  
story and basement frame dwell-  
ing.  
Owner—W. & D. Chernoff, 1025 De  
Haro.  
Architect—Not Given. \$3300

DWELLING  
(10) W 23RD AVE., 238 N OCEAN  
AVE. Two-story and basement  
frame dwelling.  
Owner—Clausen & Hamlin, 746 46th  
Ave.  
Contractor—O. K. Holt, 3957 Army  
St.  
Architect—C. O. Clausen, 746 46th  
Ave. \$5000

FACTORY  
(11) SE 5TH AND TEHAMA. Two-  
story class B factory.  
Owner—Field Ernst Envelope Co., 45  
Fremont St.  
Contractor—Not Selected.  
Architect—Day & Michelsen, 405  
Montgomery St.  
Engineer—W. P. Day, 405 Montgom-  
ery St. \$80,000

DWELLING  
(12) SW DANNERS, 29 FT NW OF  
CASELLI AVE. One-story and  
basement frame dwelling.  
Owner—Wm. Hedlin, 993 Harrison  
St.  
Architect—Not Given. \$4000

ALTERATIONS  
(13) 192 SIXTH ST. Alter restau-  
rant.  
Owner—R. A. Keeney, 360 Hyde St.  
Architect—Not Given. \$1000

DWELLING  
(14) W 30TH AVE., 150 S IRVING.  
One-story and basement frame  
dwelling.  
Owner—C. B. Kortek, 321 Kearny  
St.  
Contractor—Oliver M. Rousseau, Inc.,  
321 Kearny St.  
Architect—Not Given. \$4000

ALTERATIONS  
(15) 512 MARKET ST. Alter store.  
Owner—Estate of Mary L. Phelan,  
Phelan Bldg.  
Contractor—Lindgren & Swinerton.  
Inc.  
Architect—Carl Geiffuss, 1095 Market  
St. \$1500

ALTERATIONS  
(16) 1755 17TH AVE. ENTRANCE TO  
PRESIDIO. Alter club building.  
Owner—Presidio Golf Club, Prem.  
Architect—Conrad T. Kett, 515 Cal-  
ifornia St. \$15,000

**EXPOSITION MODEL**  
 (17) UNION SQUARE PARK. Model of Exposition.  
 Owner—S. F. Bay Exposition, 585 Bush St.  
 Contractor—H. H. Larsen Co., 64 So. Park.

Plans by Exposition Architecture Commission, 585 Bush St. \$9000

**ALTERATIONS**  
 (18) 70 EDDY ST. Alter theatre.  
 Owner—Tivoli Theater, Frem.  
 Contractor—Barrett & Hlip, 918 Harrison.  
 Architect—Not Given. \$1000

June 9, 1937.  
**Plans Completed** Cost, \$85,000  
 SAN FRANCISCO. SE 5th & Tehama Streets.

Two-story Class B factory building. Owner—Field Ernst Envelope Co., 45 Fremont St.  
 Architect—J. Day & Michelson, 405 Montgomery St.  
 Engineer—W. P. Day, 405 Montgomery St. (8508) 4

**DWELLING**  
 (19) E 34th AVE. 200 N Anza. One-story frame dwelling and basement.  
 Owner and Builder—John Beck, 500 Leavenworth Street.  
 Architect—Not Given. \$3850

**ALTERATIONS**  
 (20) 751 CASTRO ST. Alter flats.  
 Owner—Mrs. Cowling, 751 Castro St.  
 Contractor—Robert McCarthy, 1363 14th Avenue.  
 Architect—Charles F. Strothoff, 2274 15th Street. \$2,000

**DWELLING**  
 (21) SE COR. 16th AVE. and Ortega. Two-story frame dwelling and basement.  
 Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.  
 Architect—Not Given. \$5,900

**ALTERATIONS**  
 (22) 450 SUTTER ST. Alter offices.  
 Owner—Four-Fifty Sutter Corp., 450 Sutter Street.  
 Architect—Not Given. \$1,900

**DWELLING**  
 (23) W 32nd AVE. 84 ft. N of California St. One-story frame dwelling and basement.  
 Owner—Miss Anna J. and Mrs. Katharina Gail, 226-A Willard St.  
 Contractor—John Beck, 500 Leavenworth Street.  
 Architect—Not Given. \$4,900

**GARAGE**  
 (24) S SIDE BAY ST. 187 ft. East Hyde St. One-story private garage.  
 Owner—Nora Kenyon, 719 Bay St.  
 Contractor—Harry L. Sandow, 1429 Bernal Ave., Burlingame.  
 Architect—Wm. W. Wurster, 260 California Street.  
 Engineer—G. A. Saph, Rialto Bldg. \$3926

**ALTERATIONS**  
 (25) 327 24th AVE. Alter dwelling.  
 Owner—J. Lawrence, 327 24th Ave.  
 Contractor—C. Lindberg, 1 Naylor.  
 Architect—D. E. Jackle, 126 Post St. \$3,850

**DWELLING**  
 (26) E SIDE 4th AVE. 75 ft. N Fulton. One-story frame dwelling and basement.  
 Owner and Builder—T. E. Mohler, 751 28th Avenue.  
 Architect—Not Given. \$4,000

**APARTMENTS**  
 (27) N SIDE PAGE ST. 137 ft. W Laguna St. Three-story and basement frame apartments.

Owner and Builder—A. T. Morris & Sons, 5400 Fulton Street.  
 Architect—Not Given. \$54,000

**ADDITION**  
 (28) LAKESIDE. Addition to club-house.  
 Owner—Olympic Club, 524 Post St.  
 Contractor—T. D. Woodside, 3460 Mission Street.  
 Architect—D. D. Stone, 381 Bush St. \$5,000

**DWELLING**  
 (29) W SIDE SANCHEZ ST. 103 ft. S 20th. Two-story frame dwelling and basement.  
 Owner—Elinor M. Radford, c/o contractor.  
 Contractor—C. Lindberg, 1 Naylor.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (30) 1356 GREENWICH ST. Alter dwelling.  
 Owner—W. B. Wessells, premises.  
 Contractor—G. P. W. Jensen, 320 Market Street.  
 Engineer—A. V. Saph, Rialto Bldg. \$3,000

**ALAMEDA COUNTY**

No.	Contractor	Amt.
3	Alpha Sorenson	7540
4	Herman Allen	1250
5	Griffith	4000
6	Griswald	Leiter 4500
7	McLeod	Owner 6000
8	Hawkins	Stockholm 1500
9	Windsor	Owner 9750
10	Corley	Christensen 9000
11	Quinlan	Whalin 4500
12	Clevenger	Parsons 4000
13	Le Mon	Allen 8500
14	Mount	Davis 6000
15	Pac. Bridge	Owner 1500
16	Tidewater	Owner 10000
17	Tisher	Johnson 4000
18	Pillsbury	Owner 13000
19	Magruder	Hamblin 3500
20	Epis. Church	Carlson 4000
21	Logan	Spivock 4000
22	Morrison	Pressler 4500
23	Swindell	Owner 3500
24	Womack	Womack 3000
25	E. Bay Munic	Owner 20000
26	Hutchison	Hutchison 3400
27	Dunn	Teigland 18500
28	Penyer	McPherson 1000
29	Dashiell	Owner 4000
30	E. Bay Mun.	Owner 25000

**ADDITIONS**  
 (3) 1756 LE ROY, BERKELEY.  
 Addition 1900  
 Owner—Alpha Chi Omega, Prem.  
 Contractor—Walter Sorenson, 2940 Piedmont Ave.  
 Architect—Not Given. \$7540

**ADDITIONS**  
 (4) 1160 CHAGMONT, BERKELEY  
 Addition 3400  
 Owner—J. E. Herman, Prem.  
 Contractor F E Allen, 1918 Prince.  
 Architect—Not Given. \$1250

**DWELLING**  
 (5) 1350 99TH AVE. OAKLAND.  
 One-story 6-room dwelling.  
 Owner—W. B. Griffith, Prem.  
 Contractor C W Griffith, 1537 7th Ave.  
 Also 1-story garage, \$150.  
 Architect—Not Given. \$4000

**BRICK SHOP**  
 (6) 1234 30TH ST. OAKLAND. 1-story brick shop.  
 Owner—J. E. Griswald, 719 Masonic Ave.  
 Contractor—E. T. Leiter & Son, 811 37th St.  
 Architect—Not Given. \$4500

**DWELLING**  
 (7) 1333 DUNSMUIR AVE. OAKLAND. Two-story 6-room dwelling.

Owner & Builder—W. A. McLeod, 2430 Durant Ave., Berkeley.  
 Architect—Not Given. \$6000

**ALTERATIONS**  
 (8) 65 WOODLAND WAY, PIEDMONT. Alterations.  
 Owner—Stuart L. Rawlings, 65 Woodland Way, Piedmont.  
 Contractor—Chas. Stockholm & Sons, Russ Bldg., San Francisco.  
 Architect—Not Given. \$1600

**RESIDENCE**  
 (9) 37 SHARON AVE., PIEDMONT. Two-story 8-room residence, and garage.  
 Owner & Builder—Geo. Windsor, 11 Sharon Ave., Piedmont.  
 Architect—Irwin Johnson. \$9750

**DWELLING**  
 (10) 1 ROSEMONT, BERKELEY. One-story 7-room frame dwelling and garage.  
 Owner—J. Corley, 957 Hilldale St.  
 Contractor—H. P. Christensen, 2623 College.  
 Architect—H. Goodpaster, Sacramento. \$9000

**DWELLING**  
 (11) 1051 CHESTON RD. BERKELEY. One-story 5-room frame dwelling, and garage.  
 Owner—Roy Quinn, 2494 Telegraph.  
 Contractor—Whalin Bros., 2943 23rd Ave., Oakland.  
 Architect—T. H. Slocumb, 4127 Piedmont Ave., Oakland. \$4500

**STORES**  
 (12) 4223-25 PARK BLVD., OAKLAND. One-story stores.  
 Owner—Clevenger & Griffin, 4187 Park Blvd.  
 Contractor—Geo. P. Parsons, 3839 Canon Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (13) W CASTLE DR. LOT 3, PIEDMONT PINES, OAKLAND. Two-story 8-room dwelling.  
 Owner—R. F. D. Le Mon, 26 Ascot Court.  
 Contractor—Allen & Allen, 3471 Laurel Ave.  
 Architect—F. H. Slocombe, Piedmont Ave. \$8500

**DWELLING**  
 (14) 14 SONIA ST., OAKLAND. 2-story 6-room dwelling.  
 Owner—J. M. Mount, 1021 McKinley Ave.  
 Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.  
 Architect—Geo. L. O'Brien, Jr., 640 Bancroft Ave., San Leandro. \$6000

**TOOL HOUSE**  
 (15) 1116 TERMINAL ST., OAKLAND. Tool house.  
 Owner & Builder—Pacific Bridge Co., 333 Kearny St., San Francisco.  
 Architect—Not Given. \$1500

**SERVICE STATION**  
 (16) 2824 LAKESHORE AVE., OAKLAND. One-story steel service station.  
 Owner & Builder—Tidewater Assoc Oil Co., 79 New Montgomery St., San Francisco.  
 Architect—Not given. \$10,000

**DWELLING**  
 (17) 5430 BOND ST. OAKLAND. One-story 5-room dwelling.  
 Owner—C. R. Tisher, 6127 Foothill Blvd.  
 Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro. \$1000  
 Architect—Not Given.

**RESIDENCE**  
 (18) 670 SPRUCE BERKELEY 2-story residence and garage.

Owner & Builder—Arthur C. Pillsbury, 1147 Keith Ave.  
 Architect—W. F. Ruck, 550 Market St., San Francisco. \$13,000

## DWELLING

(19) 8221 GOLF LINKS RD., OAKLAND. One-story 3-room dwelling.  
 Owner—Cora C. Magruder, 77 Linda Ave.  
 Contractor—U. F. Hamblin, 77 Linda Ave.  
 Architect—Not Given. \$3500

## ALTERATIONS

(20) 5201 HILLEN DR., OAKLAND. Alterations.  
 Owner—Episcopal Church, Prem.  
 Contractor—Harry E. Carlson, 301 Lenox Ave.  
 Architect—Not Given. \$1000

## WAREHOUSE

(21) 412 MADISON ST., OAKLAND. One-story brick and tile warehouse.  
 Owner—Mrs. I. Logan, 428 Madison St.  
 Contractor—W. Spivock, 1st and Linden Streets.  
 Architect—Not Given. \$4000

## DWELLING

(22) 3100 HYDE ST., OAKLAND. One-story 5-room dwelling.  
 Owner—H. S. Morrison, 1553 23rd Ave.  
 Contractor—Walter Pressler, 1419 Excelsior Ave.  
 Also 1-story garage, \$200.  
 Architect—Not Given. \$4500

## DWELLING

(23) 3060 TULLY PL., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Dean F. Swindell, 4508 Tompkins Ave.  
 Architect—Not Given. \$3500

## DWELLING

(24) 3319 GEORGIA ST., OAKLAND. One-story 4-room dwelling.  
 Owner—Wm. Womack, 4829 Tompkins Ave.  
 Contractor—Womack & Son, 4901 Daisy St.  
 Architect—Not Given. \$3000

## CONCRETE TANK

(25) GRIZZLY PEAK BLVD., NR. SUMMIT ROAD, OAKLAND. Concrete tank.  
 Owner & Builder—East Bay Municipal Utility District, 512 16th St.  
 Architect—Miller & Warnecke, Financial Center Bldg. \$20,000

## DWELLING

(26) 7806 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—T. E. Hutchison, 3569 72nd Ave.  
 Contractor—E. B. Hutchison, 3569 72nd Ave.  
 Architect—Not Given. \$3400

## DWELLING

(27) 441 WILDWOOD AVE., PIEDMONT. Two-story 9-room dwelling and garage.  
 Owner—Mr. and Mrs. Herbert Dunn, 1135 Clarendon Crescent, Oakland.  
 Contractor—C. M. Teigland, 525 49th St., Oakland.  
 Architect—Clarence W. Mayhew. \$18,500

## ALTERATIONS

(28) 6117 GROVE, BERKELEY. Alterations.  
 Owner—A. Penzner, San Francisco.  
 Contractor—S. W. McPherson, 2151 Ashby.  
 Architect—Not Given. \$1000

## DWELLING

(29) 6819 OUTLOOK AVE., OAK-

LAND. One-story 5-room dwelling.  
 Owner & Builder—E. L. Dashiell, 5700 Foothill Blvd.  
 Architect—Not Given. \$4000

## CONCRETE TANK

(30) S. DRAKE DR., LOTS 130-131, MONTCLAIR HIGHLANDS, OAKLAND. Concrete tank.  
 Owner & Builder—East Bay Municipal Utility District, 512 16th St.  
 Architect—Miller & Warnecke, Financial Center Bldg. \$25,000

BUILDING CONTRACTS  
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
109	Lang	Greenberg	7600
110	Los Altos	Smith	1400
111	Kenyon	Sandow	3926
112	Hillman	McCarthy	9685
113	Gilbey	Jensen	20180

BUILDING JUDAH and 15th Ave. (108) SW JUDAH and 15th Ave. 1½-story and basement frame building.  
 Owner—L. W. Lang.  
 Architect—Not Given.  
 Contractor—Charles Greenberg.

Filed, June 2 '37. Dated, May 22 '37.  
 Contract signed ..... \$ 500  
 Frame up and roof on ..... 1500  
 Brown coated ..... 2000  
 Completed ..... 1600  
 Usual 35 days ..... 2050  
 TOTAL COST, \$7500  
 Bond, \$5000. Sureties, Property of contractor, N 23rd St. 77-6 W. Folson. Limit, 120 working days.

## PAINTING

(110) NW CALIFORNIA & Drumm Sts. Exterior painting of 8-story and basement building.  
 Owner—The Los Altos Co., 16 California Street.  
 Architect—Edw. B. Seely, 255 California Street.  
 Contractor—J. Z. Smith, 108 So. Park. Filed, June 4 '37. Dated, June 3 '37.  
 First coat completed ..... \$300.00  
 Second coat completed ..... 300.00  
 Third coat and agg. applied, 433.33  
 Usual 35 days ..... 366.67  
 TOTAL COST, \$1400.00  
 Forfeit, \$10 per day. Limit, 60 days. Specifications filed.

## PAINTING

(110) 140 NEW MONTGOMERY ST. Painting work, 4th floor, Telephone Co. Bldg., at above location.  
 Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery.  
 Contractor—A. Quandt & Sons.  
 75% when completed.  
 25% 40 days later.  
 TOTAL COST, \$587.00

Bond, \$587. Surety, Pacific Indemnity Co. Limit, 10 working days. Specifications filed.

## PRIVATE GARAGE

(111) S. BAY, 187.6 E. HYDE ST. One-story 4-car private garage.  
 Owner—Nora Kenyon, 719 Bay St., San Francisco.  
 Architect—William Wilson Wurster, 260 California St., San Francisco.  
 Contractor—Harry L. Sandow, 1429 Bernal Ave., Burlingame.  
 Filed June 9 '37. Dated June 8 '37.  
 Payments—Cost-plus basis; \$350.00 supervision fee to be paid: 50% upon pouring of concrete form work; 25% upon completion; and balance usual 35 days.  
 TOTAL COST (Est.), \$3926.  
 Plat. and specifications filed.

## ALTERATIONS

(112) N. NATOMA, 100 E. 11TH ST. Additions and alterations to 1-story Class C brick factory bldg.  
 Owner—Emil F. and Florence M.

Hillman, 103 Ashbury.  
 Architect—Chas. F. Strothoff, 2724 15th St.  
 Contractor—Robt. McCarthy, 1363 14th Ave.

Filed June 7, '37. Dated May 28, '37.  
 When concrete walls completed ..... \$2421.25  
 When wood trusses, mezzanine floors and timber framing completed ..... 2421.25  
 When building completed and accepted ..... 2421.25  
 Usual 35 days ..... 2421.25  
 TOTAL COST, \$9685.00

Limit, 35 working days. Plans and specifications filed.

## DWELLING

(113) SE MARINA BLVD. & BRODERICK. Two-story and basement frame dwelling.  
 Owner—Thomas W. Gilbey.  
 Architect—Sidney A. Colton, 544 Market St.

Contractor—G. P. W. Jensen & Sons.  
 Filed June 8, '37. Dated May 28, '37.  
 When framed and roof boards installed ..... \$5,045  
 When brown coated ..... 5,045  
 When completed and accepted ..... 5,045  
 Usual 35 days ..... 5,045  
 (If total cost plus \$1000 fee to contractor is less than \$20,180, the difference shall be credited to owner.)  
 TOTAL COST NOT OVER \$20,180

Bond, \$10,090. Sureties, N. P. Anderson and James Ringrose. Limit, 90 working days. Plans and specifications filed.

SAN FRANCISCO CO. PERMITS  
UNDER \$1000

ALTER restaurant, \$75; 564 Third St.; owner, J. Harrington, Prem., contractor, Harry A. Schwahn, 22 Castro St.

ALTER restaurant, \$940; 601 Post St.; owner, Madison & Burke, Agt., 80 Post St.; contractor, Royal Show Case Co., 770 McAllister St.

ALTER dwelling, \$300; 72 St. Mary's Ave.; owner, W. E. Nolan, Prem.; contractor, Norman Nelson, 234 Naples.

SIGN, electrical, \$300; 559 Sutter St.; owner, D. B. Hubbard, 359 Sutter St.; contractor, Elec. Products, 910 Harrison St.

ALTER dwelling, \$400; 154 Shakespear; owner, J. Collins, Prem.; contractor, Norman Nelson, 234 Naples.

FLUES, \$80; 39 Naylor; owner, Geo. Goloff, Prem.; contractor, John A. Marshall, 4447 Mission St.

ALTER dwelling, \$150; 1469 11th Ave.; owner, Manuel Pinella, Prem.

ALTER dwelling, \$400; W. Schwerin, 285 S. Sunnydale; owner, Geneva and Sunnydale Nurseries, 250 Schwerin.

ALTER flats, \$150; 2242 15th Street; owner, J. Sarretal, 3669 20th St.

ALTER garage, \$200; 2467 31st Ave.; owner, I. W. W. & G. M. Brown, Prem.

ALTER dwelling, \$400; 39 Crescent Ave.; owner, T. Varni, Prem.; contractor, Victor Olivia, 2731 24th St.

WALL, \$200; 2332 Clement St.; owner, Peter Fondacab, Prem.; contractor, California Concrete Co., 1632 Steiner St.

ALTER flats, \$300; 1845 Clay St.; owner, A. Snow, Prem.; contractor, Robert David, 666 Mission.

SIGN, electric, \$150; 6 Kearny St.; owner, Hi Hat, Prem.; contractor, Novelty Electric Co., 419 Larkin St.

ALTER flats, \$250; 1077 14th Street; owner, Gabriel Moulan, 153 Kearny St.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | Offices                                     |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and Jails                 |
| 8.—Club Buildings               | 17.—Theatres                                |
| 9.—Hospitals                    | 18.—Wharves & Docks                         |
| 10.—Hotels                      | 19.—Misc. Const.                            |
|                                 | 20.—Misc. Supplies & Etc.                   |

## 1—APARTMENTS

Preparing Working Drawings  
APARTMENT HOUSE Cost, \$.....  
SAN FRANCISCO. 19th and Church Streets.

Three-story frame and stucco apt. building, containing 15 2- and 3-room apts.; shingle tile roof, wood sash, tile baths and showers, shower doors, elevator, hardwood floors, refrigeration, etc.  
Owner—Mrs. M. Fragner, c/o Architect.

Architect—Hertzka & Knowles, 369 Pine St.

Contract Awarded  
APARTMENTS Cost, \$19,000  
BUFLINGAME, San Mateo Co., Cal.  
One-half lots 4 and 5, Highland Avenue.

New apartment building.  
Owner—W. J. Dessin, 119 Highland Ave., Burlingame.  
Architect—Not Given.  
Contractor—Moody J. Henry, 132 Bancroft Way.

Owner Now Taking Bids  
APARTMENTS Cost, \$15,000  
SAN FRANCISCO. 29th Ave. near Faravall Street.

Two-story frame and stucco apartment building (four 3-room apts.) hardwood floors, tile baths, composition roof, hot air heating system, steel and wood sash, etc.

Owner—G. Thompson, 2340 29th Ave.  
Architect—D. E. Jaekle, 126 Post St.

To Be Done By Day's Work  
APARTMENTS Cost, \$54,000  
SAN FRANCISCO. N Page St. 137 W. of Laguna Street.

Three-story and basement frame and stucco apartments.  
Owner and Builder—A. T. Morris and Sons, 5400 Fulton Street.  
Architect—Not Given.

## 2—CHURCHES

Contract Awarded  
CHURCH Cont. Price, \$16,379  
JOVATO, Marin Co., Calif. Second St. and Grant Ave.

New Our Lady of Loretto Church.  
Owner—Roman Catholic Archbishop  
1100 Franklin St., San Francisco.  
Architect—Henry A. Minton, Underwood Bldg., San Francisco.  
Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Preparing Plans  
CHURCH, ETC. Cost, \$  
ROCKETT, Contra Costa Co., Cal.  
Two-story frame church and Sunday school.

Owner—Community Church.  
Architect—Earl MacDonald, 110 Sutter St., San Francisco.

## 4—FACTORIES &amp; WAREHOUSES

Sub-Contracts Awarded  
FACTORY Cost, \$50,000  
SAN FRANCISCO. S Yosemite St. 75 E. of Mendell St.

Three-story Class B mattress factory.  
Owner—Simon Mattress Mfg. Co. 1777 Yosemite Street.  
Architect—Not Given.

Contractor—Geo. Wagner, 181 South Park.  
Lumber—Smith Lumber Co., 4th and Channel Streets.  
Concrete—Bode Gravel Co., 225 Alameda Street.

Steel Sash—Concrete Engr. Co., 1280 Indiana Street.

## PLANNED

IMPERIAL VALLEY, Calif.—Los Alamitos Sugar Co., Montana Ranch, Long Beach, contemplates erecting a large sugar mill in the Imperial Valley to cost \$1,000,000.

Contract Awarded  
ALTER FOUNDRY Cost, \$6,000  
SAN FRANCISCO. 259 2nd St.  
Alter foundry.

Owner—Pacific Brass Foundry Co., 521 Folsom St.  
Architect—Not Given.  
Contractor—S. P. Bldg. & Constr. Co., 2212 Polk St.

Preparing Working Drawings  
WAREHOUSE Cost, \$.....  
SAN FRANCISCO. 14th and Poplar Streets.

New warehouse.  
Owner—Withheld.  
Architect—Masten, Hurd & Roeth, 442 Post St.

## PLANS COMPLETED

VERNON, Los Angeles Co., Calif.  
—Bethlehem Steel Co., 11,300 South Central Ave. will start work June 28 on the steel frame and metal exterior for a manufacturing plant and office building to be built at Fruitland Ave. and Magnolia St., Vernon, for Aluminum Company of America. About 700 tons of structural steel will be used. Plant will consist of a utility building 60x240 ft.; hammer building, 80x190 ft.; foundry building and an office building. J. P. Deearaugh will supervise work for the owner. Plans were prepared by the owner's chief engineer, Gulf Bldg., Pittsburgh, Pa.

To Be Done By Day's Work  
BOTTLING PLANT Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
Stockton Ave. and Polhemus St.  
Two-story frame and stucco and corrugated iron bottling plant, (76x150-ft.)

Owner—P. W. Poole.  
Architect—Charles McKenzie, Twohy Bldg., San Jose.

## SITE SELECTED

LOS ANGELES, Calif. — Johns-Manville Corp. last week announced the purchase of a 50-acre tract at Alameda Ave. and 283rd St. as the site for a new factory to be used for the manufacture of rock wool and transite pipe. It has not been determined what the size or type of construction will be.

Plans Being Figured — To Close on

PLANT ADDITION  
Estimated Cost, \$30,000  
STEGE, Contra Costa County, and

BERKELEY, Alameda Co., Calif.  
One-story steel frame laboratory and wash room (35x90 ft.), concrete foundations, brick walls, some glass brick, addition to the Stauffer Chemical Co.'s plant at Stege, and a one-story steel frame washroom (30x50 ft.) addition to the San Francisco Sulphur Co.'s plant at 6th and Ashby Avenues, Berkeley.

Owner—Stauffer Chemical Co., Engineer—Kaj Theill, 580 Market St., San Francisco.

Plans are being figured by a closed list of contractors.

## SUB BIDS WANTED

STEGE, Contra Costa Co., and BERKELEY, Alameda Co., Calif.—Larsen & Larsen, 629 Bryant St., San Francisco, desires sub bids on all portions of the work for the construction of the Stauffer Chemical Company's addition at Stege, and the S. F. Sulphur Co.'s addition at 6th and Ashby Avenues, Berkeley, for which bids will be opened June 18.

Plans by Engineer Kaj Theill, 580 Market St., San Francisco.

## 5—FLATS

Indefinitely Postponed  
FLATS Est. Cost, \$15,000  
SAN FRANCISCO. Corbett Avenue and Argent Street.

Two-story frame and stucco flat building containing two six-room flats, sunroom on roof, wood sash, hardwood floors, tile baths, composition roof, etc.  
Owner—H. Wilson, c/o Architect.  
Architect—Walter C. Falch, Hearst Bldg., San Francisco.

Preparing Working Drawings  
FLATS Cost, \$.....  
SAN FRANCISCO. Jefferson St., near Baker St.

Two-story frame and stucco flat building (two 8-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
Owner—Withheld.  
Architect—Richard J. Neutra, 251 Kearny St.

Upon completion of plans general figures will be asked.

Preparing Working Drawings  
FLATS Cost, \$.....  
SAN FRANCISCO. Jefferson Street, near Baker Street.

Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
Owner—Withheld.  
Architect—Richard J. Neutra, 251 Kearny St.

Upon completion of plans, general figures will be asked.

## 6—GARAGES &amp; SERVICE STATIONS

Sub-Contracts Awarded  
SERVICE STATION Cost, \$9,000  
OAKLAND, Alameda Co., Calif. San Pablo Avenue and 21st Street

Gasoline service station  
Owner—Oakland Investment Co.  
Architect—Not Given  
Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco

Plumbing—A. J. King, 2347 Mitchell St., Oakland

Electric Wiring—Scott-Buttner Elec. Co. 2214 Webster St. Oakland.

Sheet Metal and Glass—Independent Iron Works, 821 Pine St. Oak-

land.  
**Iron Grille, Steel and Storage Tanks**  
 —Independent Iron Works.  
**Grading**—J. Catucci, 1212 18th Ave., Oakland.  
**Lumber**—Hogan Lumber Co., Second and Alice Sts., Oakland.  
**Hardware**—Maxwell Hardware Co., 1320 Washington St., Oakland.  
**Painting**—J. H. Mohr, Inc., 960 7th St., San Francisco.  
**Equipment**—U. S. Flexible Tubing Co., 65 Main St., San Francisco.  
**Pumps and Tanks**—Service Station Equipment Co., Second St., San Francisco.

**Contract Awarded**  
**ALTER SERVICE STATION**  
 Cost, \$4,500  
 SAN FRANCISCO, SE Ocean Ave. and Junipero Serra Blvd.  
 Alter gasoline service station.  
 Owner—Tidewater Assoc. Oil Co., 79 New Montgomery St.  
 Architect—Vincent G. Roney, 233 Post St.  
 Contractor—Grant - Martinelli Constr. Co., 44 Mary St.

**Sub Contracts Awarded**  
**SERVICE STATION** Cost, \$14,000  
 SAN FRANCISCO, SE Cor. Tenth and Bryant Streets.  
 New steel gasoline service station.  
 Owner—Associated Oil Company, 79 New Montgomery Street.  
 Architect—Vincent G. Roney, 233 Post Street.  
 Contractor—Fred J. Early, Jr., 369 Pine Street.

**Grading**—Shiley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco.  
**Electric Work**—Colman Electric & Mfg. Co., 3201 Mission St., San Francisco.

**Lumber**—Allen & Detman, 2000 Evans Avenue, San Francisco.  
 Wrecking contract let to Symon Bros., 1435 Market St., and contract for steel work let to Michel & Pfeiffer Iron Works, 10th and Harrison. (4165) 1st rep. May 7; 3rd, May 17.

**To Be Done By Day's Work**  
**SERVICE STATION** Cost, \$10,000  
 OAKLAND, Alameda Co., Cal. 2834 Lakeshore Avenue.  
 Steel gasoline service station.  
 Owner—Tidewater Associated Oil Co., 79 New Montgomery Street, San Francisco.  
 Plans by Engineering Department of Owner.

## 7—FEDERAL BUILDINGS

**BIDS WANTED — TO CLOSE ON JUNE 15, 2 P. M.**

**ALCATRAZ ISLAND.**—Until June 15, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Invitation No. 1010, for complete liquefied gas system and hot water tank at U. S. Penitentiary, Alcatraz, in accordance with Spec. No. 49.  
 Bids may be mailed to the Warden, U. S. Penitentiary, Alcatraz, or delivered in person to Room 407, Post Office Bldg., San Francisco, where they will be opened.  
 Specifications obtainable from the above offices.

**BIDS REJECTED**  
 SAN FRANCISCO — Procurement Division, Washington, D. C., has rejected all bids received for metal-holding, etc., in the U. S. Mint at San Francisco.

**LOW BIDDERS**  
 LOS ANGELES, Calif.—Robert E. McKee, P. O. Box 219, Metropolitan Station, Los Angeles, at \$75,000 submitted low general bid to the Veterans' Administration, Washington, D. C., for constructing a Subsistence Storehouse Building at the Veterans'

Administration Facility, Los Angeles. Separate bids were received for (I) general construction, including plumbing, heating and electrical work; (II) electric elevator, and (III) refrigerating equipment.  
 Low bids follow:

**General Construction**  
 Robert E. McKee, L. A. \$73,300  
 Sawyer & Zoss, L. A. 76,500  
 Pearson & Hollingsworth, Los Angeles. 77,990  
**Electric Elevator**  
 Otis Elevator Company. 3,675  
**Refrigeration**  
 A-1 Ice Machine Co., L. A. 24,800  
 York Ice Machinery Corp., L.A. 25,789

**BIDS WANTED — TO CLOSE ON JUNE 15, 2 P. M.**

**ALCATRAZ ISLAND.**—Until June 15, 2:00 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Invitation No. 1011, for painting two towers and walkways at the U. S. Penitentiary, Alcatraz Island, in accordance with Spec. No. 50.  
 Bids may be mailed to the Warden, U. S. Penitentiary, Alcatraz, or delivered in person to Room 407, Post Office Bldg., San Francisco, where they will be opened.

Specifications obtainable from the above offices.  
**BIDS WANTED**  
 LOS ANGELES, Calif.—Until June 25, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for improvement of the site of the U. S. Quarantine Station at Los Angeles. Drawings and specifications may be obtained from the above office and from the Custodian of the Building at Los Angeles. (7483)

**Sub-Contracts Awarded**  
**SHOPS & REPAIR DOCK**  
 Contract Price, \$1,583,251  
 SACRAMENTO COUNTY, Calif.  
 Army Air Corps Supply Dept. near North Sacramento.  
 One - story reinforced concrete and steel Engineering Shop and Repair Docks (880x600 feet); the building will be about 90 ft. high with 50 ft. clearance under trusses; walls and footings will be of reinforced concrete; asbestos-metal-protected roof over repair docks, built-up roof with flat deck over engineering shop part; doors will be 200x40-ft. in repair dock and 122x40-ft. in engineering shop.

Owner—U. S. Government (Maj. Arthur W. Parker, Constructing Quartermaster, Old Post Office Terminal Bldg., Sacramento).  
 Plans prepared by Office of Quartermaster General, Construction Division, Washington, D. C.  
 Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.  
**Structural Steel**—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.  
**Reinforcing Steel**—Truscon Steel Co., 604 Mission St., San Francisco.  
**Steel Trench and Canopy Doors**—Detroit Steel Products Co., 111 Sutter St., San Francisco.  
**Main Sliding Doors**—Herrick Iron Works, 1729 Campbell St., Oakland.  
**Glass**—W. P. Fuller & Co., 301 Mission St., San Francisco.  
**Corrugated Wire Glass**—Pennsylvania Wire Glass Company.  
**Asbestos Protective Metal**—H. H. Robertson Co., 50 Hawthorne St., San Francisco.  
**Sheet Metal**—Wieland and Kolthoff, 2194 Polson St., San Francisco.  
**Roofing**—Sacramento Roofing & Insulation Service, 12th and North B Sts., Sacramento.

**Gunite**—Edwin Anderson, 998 Gilman Ave., San Francisco.  
**Painting**—R. Paol and Co., 2330 Lombard St., San Francisco.  
**Monorail System**—American Monorail Co., 355 Fremont St., San Francisco.

**Bids Wanted — To Close July 20, 1 P. M.**  
**POST OFFICE** Cost, \$210,000  
 BURBANK, Los Angeles Co., Calif.  
 Olive Ave., between San Fernando Rd. and First St.  
 New U. S. Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.  
 Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required.

**BIDS WANTED**  
 LINN CO., Oregon.—Until June 16, 10 a.m., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, Oregon, for constructing and improving the Division, Highway Grading and Advance Clearing Project 23-KLL, National Forest Road Project, Willamette Forest, Linn County, Oregon, a distance of .859 mi. grading and 2177 mt. clearing.  
 The work involves:  
 (1) 31 A. clearing;  
 (2) 9 A. grubbing;  
 (3) 175,000 c.y. unclass. excav.;  
 (4) 15,000 sta. yds. special overhaul;  
 (5) 2 A. roadside cleanup;  
 (6) 400 sq. ft. dangerous trees and snags;  
 (7) 40 c.y. cement rubble masonry.  
 (8) 1320 lf. culverts (alternate).  
 Plans and specifications obtainable at above office upon deposit of \$10.

**BIDS OPENED**  
 HOLLYWOOD, Calif.—The Robbins Mfg. Co., Chicago, Ill., at \$854, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens at the U. S. Post Office, at Hollywood.  
 Complete bids follow:  
 The Robbins Mfg. Co., Chicago, \$854  
 Chamberlain Metal Weatherstrip, Inc., Detroit, Mich. 970  
 Ceco Weatherstrip & Screen Products, Chicago, Ill. 1046

**BIDS WANTED**  
 SAN FRANCISCO.—Until June 25, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for remodeling of the Bureau of Mines, Room 111, Federal Office Building, San Francisco.  
 Drawings and specifications may be obtained from the above office and from the Custodian of the Building at San Francisco.

**Additional Sub Contracts Awarded**  
**ADDITION** Cont. Pr. \$206,300  
 SACRAMENTO, Sacramento Co., Cal.  
 U. S. Post Office, Court House, Etc.  
 Two-story reinforced concrete top addition (20,000 sq. ft.) to U. S. Post Office, Court House, Etc.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.  
 Contractor—K. E. Parker Co., 135 South Park, San Francisco.

**Marble**—American Marble Co., P. O. Box 578, South San Francisco.  
**Lathing & Plastering**—A. Knowles, 982 Bryant St., San Francisco.  
**Mill Work**—Pacific Mfg. Co., Santa Clara.  
 As previously reported:  
 Structural Steel—Bethlehem Steel Co.



Alameda.  
 Electric Wiring—Abbett Electric Co.,  
 126 Sears St., San Francisco.  
 Heating & Ventilating—Hateley &  
 Hately, 1714 10th St., Sacra-  
 mento.

Plumbing and Sheet Metal—M. R.  
 Carpenter, 907 Front St., Sacra-  
 mento.

Terra Cotta—Kraftite Co., 525 Mar-  
 ket St., San Francisco.

Steel Windows—Trusco Steel Co.,  
 604 Mission St., San Francisco.

Brick—White & Glor, 48 Monad-  
 neck Bldg., San Francisco.

Glass & Glazing—W. P. Fuller & Co.,  
 301 Mission St., San Francisco.

Floors—Acme Floor Co., 1051 Mis-  
 sion St., San Francisco.

Marble Work—American Marble Co.,  
 P.O. Box 578, South San Fran-  
 cisco.

Lathing and Plastering—A. Knowles,  
 982 Bryant St., San Francisco.

Mill Work—Pacific Mfg. Co., Santa  
 Clara.

Reinforcing Steel—Kyle & Co., 346  
 G Street, Fresno.

**BIDS OPENED**

SAN DIEGO, Calif.—Consolidated  
 Terrazzo Cos., 2668 Long Beach Ave.,  
 Los Angeles, at \$1,785, submitted low  
 bid to the 1st Naval District, under  
 Spec. 8488, for terrazzo floors in Gal-  
 leys, Temporary Buildings, at the  
 Naval Operating Base (Marine Corps  
 Base), San Diego.

Complete bids follow:

Consolidated Terrazzo Cos., Los  
 Angeles ..... \$1,785  
 Special Service Flooring Co., 2029  
 Exposition Stucco & Art Marble  
 Company ..... 2,100

**CONTRACT AWARDED**

SAN FRANCISCO, Cal.—Patterson  
 Bros., 2059 Webster St., Oakland, at  
 \$3,790, awarded contract by the Pro-  
 curement Division, Washington, D.  
 C., for painting plaster, etc., in the  
 U. S. Mint at San Francisco.

**BIDS OPENED**

SAN RAFAEL, Marin Co., Calif.—  
 John Carcano, 122 Claremont Ave.,  
 San Rafael, at \$808.50, submitted low  
 bid to the Procurement Division,  
 Washington, D. C., for constructing  
 a retaining wall and extending the  
 driveway at the U. S. Post Office at  
 San Rafael.

Complete bids follow:

John Carcano, San Rafael..... \$808.50  
 Nick Hemming, S. F..... 950.00  
 De Luca & Son, Inc., S. F..... 1,307.00  
 Henry L. Grobne, Decatur, Ill..... 1,640.00  
 Bodenhamer Const. Co., Oakl..... 1,890.00  
 Lewis Bros., Phoenix, Ariz..... 1,949.00

**CONTRACT AWARDED**

HOLLYWOOD, Los Angeles Co.,  
 Cal.—Moline Furniture Works, Mol-  
 ine, Ill., at \$880, awarded contract  
 by the Procurement Division, Wash-  
 ington, D. C., for wood lobby desks  
 in the U. S. post office at Hollywood.

**LOW BIDDER**

MARSHFIELD, Ore.—Middleton  
 Metal Products Co., New York City,  
 at \$138 submitted low bid to Pro-  
 curement Division, Washington, D.  
 C., for hand rails at entrance of the  
 U. S. post office at Marshfield.

**LOW BIDDER**

COMPTON, Los Angeles Co., Cal.  
 —The Robbins Mfg. Co., Chicago, at  
 \$423, submitted low bid to the pro-  
 curement Division, Washington, D.  
 C., for insect screens in the U. S.  
 post office at Compton

**LOW BIDDER**

DENVER, Colo.—York Safe and  
 Lock Co., York Pa., at \$2,137, sub-  
 mitted low bid to the Procurement  
 Division, Washington, D. C., for a  
 vault door and steel lining for vault  
 in the U. C. custom house at Denver

Additional Sub-Contracts Awarded  
 POST OFFICE, Cont. Price, \$67,660  
 VACAVILLE, Solano Co., Calif.  
 New U. S. post office.  
 Plans by the Supervising Architect  
 of Treasury Department, Wash-  
 ington, D. C.

Contractor—E. Parker Co., 135  
 South Park, San Francisco.

Title—Mangrum - Holbrook Co., 1235  
 Mission St., San Francisco.

Steel Windows—Price Bldg. Special-  
 ties Co., 35 Stillman Street, San  
 Francisco.

Vault Doors—Hermann Safe Co., 200  
 Howard St., San Francisco.

Floors—Regal Floor Co., Ltd., 260  
 Tehama St., San Francisco.

Mill Work—Lannom Bros. Mfg. Co.,  
 Fifth and Magnolia Sts., Oak-  
 land.

As previously reported: structural  
 steel awarded to Bethlehem Steel Co.,  
 Alameda; reinforcing steel to Kyle  
 & Co., 346 G St., Fresno; miscella-  
 neous and ornamental iron, Arnie  
 Iron Works, 780 Brannan Street, San  
 Francisco; plumbing and heating to  
 Nicholson & Son, Main St., Vacaville;  
 sheet metal to Morrison & Co., 74 Du-  
 buce Ave., San Francisco.

**BIDS WANTED**

SAN FRANCISCO.—Until June 23,  
 10 A. M., bids will be received by the  
 Procurement Division, Public Bldgs.  
 Branch, Washington, D. C., for metal  
 sheathing, etc., in the Federal Office  
 Building at San Francisco.

Specifications may be obtained  
 from the above office and from the  
 Custodian of the Building at San  
 Francisco.

**BID OPENING DATE POSTPONED**

WALLA, WALLA, Wash.—Until  
 June 29, 1:30 p.m. (postponed from  
 June 15), bids will be received by the  
 Veterans' Administration, Room 764,  
 Arlington Bldg., Washington, D. C.,  
 for construction of the Veterans' Ad-  
 ministration Facility, Walla Walla,  
 Laundry Bldg. No. 66, containing  
 approx. 105,000 cu. ft. Estimated  
 cost, \$34,000.

Drawings and specifications may  
 be obtained from the Construction  
 Section, Room 764, Arlington Bldg.,  
 Washington, D. C., or from the Su-  
 pervising Superintendent of Const.,  
 Veterans' Administration Facility,  
 Palo Alto, Calif. No deposit re-  
 quired.

A set of plans and copy of spec-  
 ifications, together with Addendum  
 No. 1, are now on file for examina-  
 tion at the office of the DAILY PA-  
 CIFIC BUILDER, 465 Teal Street,  
 San Francisco.

**PREPARING PLANS**

RENO, Nev.—Veterans' Adminis-  
 tration, 764 Arlington Bldg., Wash-  
 ington, D. C., is preparing new plans  
 for a hospital building to be built  
 at the Veterans' Administration Fac-  
 ility, Reno, and will call for bids  
 within a few weeks. It will be a  
 reinforced concrete structure with  
 slate and built-up roofing, marble,  
 tile and terrazzo work, asphalt tile,  
 steel stairs, metal windows, steel  
 cabinets and shelves, acoustic sub-  
 stratum, steam heat, elevator. Appro-  
 priation for the building is \$100,000.

**BIDS OPENED**

FORT McDOWELL, Calif.—West-  
 ern Asbestos Co., 675 Townsend St.,  
 San Francisco, at \$309, submitted  
 low bid to the Constructing Quarter-  
 master, Fort McDowell, for installa-  
 tion of acoustical material on the  
 ceiling of first floor, and ceilings of  
 the kitchen and mess hall, second  
 floor of Station Hospital Annex Bldg.  
 and ceilings of first floor of  
 Station Hospital Annex (Bldg. No.  
 23) at Fort McDowell, under Prop  
 No. OM 536-37-35.

Bids were taken as follows:

- (1) All work;
- (2) All work in Bldg. No. 18;
- (3) (alt. a.) All work in Bldg. No. 23;
- (4) Kitchens, mess halls, 2nd floor  
 of Bldg. 18.

Following submitted bids:

- (A) R. L. Cramer, San Francisco.
- (B) Western Asbestos Co., San Fran-  
 cisco.

Unit bids follow:

	(A)	(B)
(1)	\$3680.00	\$3290.00
(2)	1859.00	1514.00
(3) (alt. a.)	1048.00	1058.00
	773.00	720.00

**LOW BIDDERS**

SAN FRANCISCO.—W. G. Thomp-  
 son, 336 Church St., at \$1,675, sub-  
 mitted low bid to the Veterans' Ad-  
 ministration, Washington, D. C., for  
 exterior painting at the Veterans'  
 Administration Facility, San Fran-  
 cisco. Patterson Brothers, Oakland,  
 at \$1,316, submitted second low bid.

**BIDS DEFERRED**

ALCATRAZ ISLAND.—Bids have  
 been deferred until some future time,  
 at which time new specifications will  
 be issued, by the Department of Jus-  
 tice, Bureau of Prisons, U. S. Peni-  
 tentiary, Alcatraz, for furnishing and  
 installing an automatic sprinkler  
 system, new system of fire service  
 piping, moving fire pump and in-  
 stallng cold water meters at the  
 U. S. Penitentiary, Alcatraz, under  
 Spec. No. 47. Invitation No. 986, due  
 to the fact that it is necessary to  
 give greater and further study and  
 consideration to the matter.

**BIDS OPENED**

HAMILTON FIELD, Marin Co.,  
 Calif.—De Luca & Son, Inc., 1745  
 Filbert St., San Francisco, at \$14,119,  
 submitted low bid to the U. S. Army  
 Motion Picture Service, Washington,  
 D. C., for outside concrete walls of  
 the War Department Theatre being  
 constructed at Hamilton Field. Only  
 other bid submitted by A. Nelson,  
 Inc., San Francisco, at \$15,621.

**BID INFORMATION**

SACRAMENTO, Calif.—Bids for  
 the Utilities Buildings and Hospital  
 Buildings for the Army Air Depot,  
 near North Sacramento, to be opened  
 June 17 and June 14, respectively,  
 will be opened at the Builders' Ex-  
 change, 720 I St., Sacramento, it was  
 announced yesterday.

**LOW BIDDERS**

WEIMAR, Placer Co., Calif.—H. W.  
 Robertson, 3004 F St., Sacramento, at  
 \$72,898, submitted low bid to the De-  
 partment of the Interior, Washing-  
 ton, D. C., for construction of a hos-  
 pital building and employees' cottage  
 at Weimar, Sacramento Agency, 14  
 miles north of Auburn.

Willis F. Lynn, Oakland, at \$60,577,  
 submitted second low bid.

Work consists of a one-story frame  
 and stucco hospital building with  
 main block 91 ft. 6 in. x 48 ft., with  
 two wings approximately 44 ft. x 22  
 ft. x 44 ft. The heating system for  
 the hospital building consists of a  
 vacuum return system included from  
 the central heating plant. The Em-  
 ployees' cottage is a one-story frame  
 and stucco building approximately  
 24 ft. x 64 ft.

Plumbing, electricity, and outside-  
 sewer services are included in the  
 contract for both buildings.

**BIDS OPENED**

SAN DIEGO, Calif. Kohlenbeiger  
 Engr. Co., Fullerton, submitted low  
 bid to 11th Naval District June 8 at  
 \$997.50 for remodeling plant at  
 Naval Air Station, San Diego. Spec  
 8121 Other bids were: A-Lee Ma-  
 chine Co., \$1065.51 Commercial Re-  
 frigeration Div-1 \$1065 West Coast  
 Gas Engine Co., \$1162, Robertson Re-

refrigeration Co., #1209.84; French's Refrigeration & Radio Service, #1-856.77. Recommendation was made that contract be awarded the low bidder.

## 8— CLUB BUILDINGS

Bids Wanted—To Close June 17, 4:30 P. M.

**CLUB HOUSE** Cost, \$ .....  
ALAMEDA COUNTY, Cal. Tilden Pk. One-story golf club house (log siding lockers, toilets, showers, etc.)  
Owner—East Bay Regional Park District Golf Club.  
Architect—Earl MacDonald, 110 Sutter St., San Francisco.  
Plans and specifications may be obtained from the architect, 847 Kingston Ave., Oakland, upon deposit of \$5. Bids will be opened in the office of the East Bay Regional Park District Golf Club, Room 512, Bank of America Bldg., 12th and Broadway, Oakland.

## 9— HOSPITALS

Contracts Awarded  
**COTTAGE** Cost, \$ .....  
MARYSVILLE, Yuba Co., Calif. 4th and H Streets.  
Owner's cottage.  
Owner—Rideout Memorial Hospital. Architect—Martin A. Sheldon, Mo-nadnock Bldg., San Francisco.  
General Construction—W. R. Burroughs, 911 Fifth St., Marysville, \$5,651.  
Air Conditioning System—Frank M. Booth, Marysville, #1,123.

BIDS OPENED  
**ADDITION** Cost, \$ .....  
FOCKTON, San Joaquin Co., Calif. State Hospital Farm.  
Additions and alterations to kitchen bldg. reinforced concrete bidg. wood framed roof, and construction of a new reinforced concrete boiler plant building with steel sash and the roofs to be constructed around the existing boiler equipment.  
Owner—State of California, Department of Institutions.  
Architect—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.  
Low Bidder—Campbell Constr. Co., 800 R St., Sacramento—\$49,722.  
Complete bids follow:

**General Work**  
Campbell Constr. Co., Sacto. \$49,722  
Arthur Pinner, L. A. 51,978  
Fred J. Early, S. F. 52,972  
K. E. Parker Co., S. F. 74,000  
**Electrical Work**  
Collins Electrical Co., 708 E. Market St., Stockton. 995  
Eddy Electric & Mechanical Co., Stockton 1,370  
Spencer Electric Co., S. F. 1,557  
**Plumbing & Heating**  
Scott Co., Inc. 213 Minna St., S. F. 5,277

Planned  
**HOSPITAL** Cost, \$100,000  
WATSONVILLE, Santa Cruz Co., Calif. Brexington Tr.  
New hospital (40 beds), operating rooms, clinics, x-ray, etc.  
Owner—Watsonville Hospital, Inc. Architect Not Selected.  
Cost price includes equipment.

Sub Contracts Awarded  
**REMODELING** Cont. Fr. \$76,858  
HONOLULU, Oahu, T. H. Queens Hospital.  
Remodeling 1-story stucco and concrete hospital building (concrete tile interior partitions, concrete floors, Oregon pine interior finish), containing 17 rooms and 17 baths.  
Owner—Queens Hospital Association. Architect—C. W. Dickey, Honolulu

General Contractor—E. E. Black, Honolulu—\$76,858.  
Electrical Contractor—H. H. Walker, Inc., 1223 Venice Blvd., Los Angeles—\$5,872.  
Roofing—H. W. Laws.  
Plumbing & Sheet Metal—E. W. Quinn Plumbing Co., Ltd.  
Glass & Mill Work—Pacific Millwork Co., Tacoma, Wash.  
Lumber—T. H. Davies & Co., Ltd. Hardware—Lewers & Cooke, Ltd. (Sargent & Co.).  
Painting—F. C. Braithwaite, Honolulu.

## 10— HOTELS

PLANNED  
PANAMA CITY.—James B. Crofton, Los Angeles, contemplates erecting a 250-room hotel in Panama City to cost \$1,000,000. Preliminary plans for the building were drawn several months ago by Wayne D. McAlister, 1709 W. 8th St., Los Angeles.

Preparing Working Drawings  
ALTER HOTEL Cost, \$ .....  
SAN FRANCISCO. Hotel Chancellor, 433 Powell St.  
Alterations to first floor and basement of hotel; new kitchen and dining room.  
Owner—Hotel Chancellor.  
Architect—Hertzka & Knowles, 369 Pine St.

Preparing Working Drawings  
HOTEL ADDITION  
Estimated Cost \$100,000  
RENO, Nevada, 239 W. 2nd St.  
Six-story reinforced concrete and steel 54-room addition (50x60 ft.) to El Cortez Hotel.  
Owner—El Cortez Hotel.  
Architect—Layman Ferris, Cladianso Bldg., Reno.

Bids Opened  
**ADDITION**  
AUBURN, Placer Co., Calif.  
Sixteen-room addition to two-story concrete hotel bldg.; pine floors, air conditioning, wood sash, built-up roof, etc. (Hotel Auburn).  
Owner—H. K. Davis, Auburn.  
Architect—Herbert Goodpaster, Mitchell Bldg., Sacramento.  
Low Bidder—E. P. Mussetter, Box 492, Auburn—\$24,487.90.  
Complete bids follow:  
R. P. Mussetter, Auburn \$24,487.90  
Paul Jenks, Grass Valley 24,489.26  
Gus T. Carlson, Chico 26,155.00  
W. C. Keating, Sacramento, 26,850.00  
Lawrence Constr. Co., Sacto. 27,758.00

Contract Awarded  
**ADDITION** Cost, \$6,000  
SAN FRANCISCO Lakeside Country Club.  
Addition to Olympic Clubhouse.  
Owner—Olympic Club, 524 Post St., San Francisco.  
Architect—D. D. Stone, 381 Bush St.  
Contractor—T. D. Woodside, 3460 Mission St.

## 11—ICE AND COLD STORAGE PLANTS

Contract Awarded  
**ICE PLANT** Cost, \$30,000  
SAN FRANCISCO W Rhode Island, 24 S. Division St.  
One-story reinforced concrete ice-making storage & delivery plant  
Owner—National Ice & Cold Storage Co., 417 Montgomery Street.  
Engineer—Jas M Smith, 251 Kearny.  
Contractor—Gas Engr Corp of California, 2650 Santa Fe Ave., Los Angeles

## 12— POWER PLANTS

PREPARING PLANS  
SAN DIEGO Cal.—Architect F. L.

Hope, Jr., 1008 San Diego Trust and Savings Bldg., San Diego is preparing plans for a sub-station to be built at Front and Robinson Streets, San Diego, for San Diego Consolidated Gas & Electric Co.

CONTRACT AWARDED  
HICKAM FIELD, T. H.—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, at \$191,500, awarded contract by Capt. H. B. Nurse, Contracting Quartermaster, Hickam Field, under bid No. W 297-37-18, for construction and completion of the electrical distribution system at Hickam Field. Award was made on the basis of Proposal I, the Hickam Field system complete, \$183,600; and Proposal II, an addition for constructing an electrical distribution system at Fort Kamehameha, \$7,700.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Architect Commissioned to Prepare Plans  
**ADDITION** Cost, \$7,500  
ALAMEDA CO., Calif. Near San Leandro Prison Farm.  
One-story frame addition to prison farm (50x100 ft.).  
Owner—County of Alameda.  
Architect—Jas. W. Blaghek, 511 Mercantile Bank Bldg., Berkeley.

Contract Awarded  
PAVILION BLDGS.  
YERBA BUENA SHOALS. Site of the 1939 World's Fair.  
Four frame pavilion buildings enclosing the Central Court; buildings will have pile foundations, wood frames and sheathing, wood floors and decks and composition roofs.  
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street.  
Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.  
Contractor—Clinton Constr. Co., 923 Folson St., San Francisco.

BIDS WANTED  
SAN FRANCISCO.—Until June 23 3 P. M., bids will be received by the Public Utilities Commission, Room 887, by H. B. Farnham, San Francisco Water Department Spec. No. 412, for furnishing and installing an automatic air conditioning system in the Water Department Bldg., 425 Mason Street.  
Specifications may be obtained at Room 607, 425 Mason St., upon deposit of \$5.00.

Contract Awarded  
EXHIBITION BLDG. Cost, \$9,473  
SAN FRANCISCO. Union Square Pk. (Site under consideration).  
One-story frame and stucco exhibition building (50x60 ft.) to house a model of the S. F. Bay Exposition buildings.  
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.  
Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.  
Contractor—H. H. Larsen Co., 64 So. Park.

PROPOSED  
LOS ANGELES, Calif.—Los Angeles County Supervisors have under consideration a proposal to purchase a site for a new county courthouse and apply to the Federal government for aid in financing construction of the building.

CONTRACT AWARDED  
SOUTH SAN FRANCISCO. San Mateo Co., Calif.—Angelo Van Con-da & Pianca, at \$4,265 awarded con-

tract by the City Council of South San Francisco, Daniel McSweney, City Clerk, for the construction of the club house on the public park known as "Orange Avenue Park" located south of Railroad Avenue.

Complete bids follow:  
 Angelo Van Granda and Pica ..... \$4,265.00  
 De Luca & Son, Inc., S. F. .... 4,668.00  
 Mat Dickson ..... 5,406.30

**BIDS WANTED**

**SAN FRANCISCO**—Until June 15, 3 p.m., formal bids will be received by the Public Utilities Commission, Room 287, City Hall, for re-shingling Pilarcitos Cottage and Crystal Spgs. Cottage, San Mateo County.  
 Specifications may be obtained at Room 704, 425 Mason St., San Francisco. No deposit required.

**Bids Wanted—To Close June 23, 3 P. M.**

**SOUTH TOWERS** Cost, \$  
**YERBA BUENA SHOALS**, Cal. Site of the 1939 World's Fair.

Two towers, 104 feet high above pile foundations. Structures are temporary exposition buildings, serving largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush Street.

Plans by San Francisco Bay Architectural Commission, 585 Bush Street.  
 Lump sum bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Exposition Contract No. 17, until June 23, 3 P. M.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$20.00.

**BIDS WANTED**

**SAN FRANCISCO**—Until June 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for electrical work in the Psychopathic Cancer Bldg., Maternity Wing, San Francisco Hospital, Potrero Ave., bet. 22nd and 23d Sts. Estimated cost, \$8,500. Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

**14— RESIDENCES**

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
**SAN FRANCISCO**, E. 38th St., N of Kirkham St.

Four one-story and basement frame and stucco residences.  
 Owner & Builder—C. T. Lindsay, 820 Taraval St.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$  
**SAN FRANCISCO**, SW Hyde and Greenwich Sts.

Alter residence.  
 Owner—W. F. Cordes, 126 Post St.  
 Architect—Bliss & Fairweather, 1008 Balboa Bldg.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$3,500  
**CASTRO VALLEY**, Alameda Co., Cal.

One-story rustic residence (5 rooms), shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000

**PALO ALTO**, Santa Clara Co., Calif.  
 2251 Byron St.  
 One-story frame and stucco residence and garage.  
 Owner—Carlton E. Byrne, Menlo Park.  
 Architect—Not Given.  
 Contractor—Stedman & Stedman, 1818 Bryant St., Palo Alto.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**OAKLAND**, Alameda Co., Calif. 1651 Trestle Glen Road.

Two-story frame and stucco residence (6 rooms).  
 Owner—F. E. Hages.  
 Architect—Not Given.  
 Contractor—J. R. Armstrong, 1131 Fleet Road.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND**, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms).  
 Owner—A. Magnuson, 1143 McKinley Ave.  
 Architect—C. H. Treichel, 696 Cleveland Ave.  
 Contractor—Elmer Bergh, 906 Filbert St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,000  
**OAKLAND**, Alameda Co., Cal. 4341 Sequoia Road.

Two-story frame and stucco residence (7 rooms).  
 Owner & Builder—Oscar Soder, 841 Arlington St.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO**, SE Cheney, 78 SW Miguuel.

Two-story frame and stucco residence.  
 Owner—Rose Crisel, 467 Cheney St.  
 Architect—Not Given.  
 Contractor—Joseph Crisel, 801 Filbert St.

**Preparing Working Drawings**  
**ALTER RESIDENCE** Cost, \$  
**SAN FRANCISCO**, 2513 Pierce St.

General alterations to residence.  
 Owner—George Godday, c/o Architect.  
 Architect—Hertzka & Knowles, 369 Pine St.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO**, Visitacion Valley.

One-story frame and stucco residence (5 rooms), hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny St.  
 Plans will be completed within one week.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$20,000  
**PALO ALTO**, Santa Clara Co., Calif. 1425 University Avenue.

Two-story frame and stucco residence.  
 Owner & Builder—A. J. Wilhe, 991 Lincoln Ave., Palo Alto.  
 Architect—Not Given.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$11,000  
**SAN FRANCISCO**, Richmond District.

Two-story and basement frame and stucco residence (6 rooms, two baths), social hall, double garage, hot air heating system, terra cotta tile roof, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny St.

General bids will be asked of a selected list of contractors within a

few days.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**PIEDMONT**, Alameda Co., Calif. 37 Sharon Ave.

Two-story frame and stucco residence and garage.  
 Owner & Builder—George Windsor, 11 Sharon Ave., Piedmont.  
 Architect—Irwin Johnson, 2219 7th Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
**OAKLAND**, Alameda Co., Calif. 4333 Dunsmuir Ave.

Two-story frame and stucco residence (6 rooms).  
 Owner & Builder—W. A. McLeod, 2430 Durant Ave., Berkeley.  
 Architect—Not Given.

**Contract Awarded**  
**ADDITION** Cost, \$8,000  
**BERKELEY**, Alameda Co., Cal. 1756 Le Roy

Addition to residence.  
 Owner—Alpha Chi Omega, 1756 Le Roy.  
 Architect—Not Given.  
 Contractor—Walter Sorensen, 2940 Piedmont Ave.

**Contract Awarded**  
**RESIDENCE** Cost, \$18,414  
**HILLSBOROUGH**, San Mateo Co., Calif. Chilton Road.

Two-story and basement frame and stucco residence and garage.  
 Owner—C. Henning.  
 Architect—William W. Wurster, 260 California St., San Francisco.  
 Contractor—C. H. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
**SAN FRANCISCO**, S. Bay St., W of Eight two-story frame and stucco

residences.  
 Owner & Builder—Bay Shore Realty Co., 1182 Market St.  
 Architect—H. C. Baumann, 251 Kearny St.  
 Engineer—Jas. M. Smith, 251 Kearny St.

**Bids Opened**  
**RESIDENCE** Cost, \$.....  
**SAN JOSE**, Santa Clara Co., Calif.

Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, gas furnace, wood sash, tile baths.  
 Owner—T. Bonnett.  
 Architect—Binder & Curtis, 26 West San Carlos St., San Jose.

Low Bidder—Frank Nevis, Santa Clara—\$8,471.

Complete bids follow:  
 Frank Nevis ..... \$8,471  
 Fred Fehren ..... 8,798  
 V. Lanotti & Son ..... 9,026  
 Bert Ward ..... 9,476  
 A. F. Haskins ..... 9,650  
 J. M. Schirf ..... 9,680  
 George Honore ..... 9,760  
 Mr. Creighton ..... 10,455  
 Joe Astaria ..... 10,801

Bids held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
**SAN MATEO**, San Mateo Co., Calif. Lot 2 Block 12, Harvard Road.

Two-story frame and stucco residence and garage.  
 Owner—Claude J. Hrschy.  
 Architect—Mario Corbett, 72 3rd Ave. San Mateo.  
 Contractor—Herman T. Holsher, 325 Elm St., San Mateo.

**Plans Being Figured — To Close on June 14**  
**PUNCH HOUSE** Cost, \$  
**ST HELENA**, Napa Co., Calif.

Two-story wood ranch house (ten rooms), hardwood floors, linole-

um baths, oil burning hot air heating system, rigid asbestos shingle roof, etc.  
Owner—E. L. Harris, St. Helena.  
Architect—Francis E. Lloyd, 360 rine St., San Francisco.

Completing Working Drawings  
RESIDENCE Est. Cost, \$10,000  
OAKLAND, Alameda Co., Cal., Montclair District.

Two-story frame and stucco residence (7 rms.), composition roof, hardwood floors, wood sash, etc.  
Owner—Name Withheld.  
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans will be completed in about one week and general figures taken from a selected list of contractors.  
16393 1st rep. May 20, 1937.

Contract Awarded  
RESIDENCE Cost, \$41,000  
SACRAMENTO, Calif. 1515 "O" St.  
Two-story frame residence.  
Owner—P. G. Loyth, 2901 25th St., Sacramento.

Architect—Not Given.  
Contractor—C. J. Hopkinson, 1810 28th Street.

Contract Awarded  
RESIDENCE Cost, \$9,500  
BERKELEY, Alameda Co., Calif. 1 Rosemont.

One- and two-story frame and stucco residence (7 rooms) and garage.  
Owner—J. Corley, 957 Hilldale Street, Berkeley.

Architect—H. Goodpaastor, Mitau Bldg., Sacramento.  
Contractor—H. P. Christensen, 2623 College Ave., Berkeley.

Contract Awarded  
ALTER HOUSE Cost, \$.....  
SAN FRANCISCO, 611 Mission St.  
Alter store building.

Owner—Eobin Real Estate Co., 604 Mission Street.  
Architect—Angus McSweeney, 604 Mission Street.

Contractor—A. F. Matlock Co., 212 Clara Street.

To Be Done By Day's Work  
RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO W Colby north of Silver Avenue.

Eleven one-story frame and stucco residences.  
Owner and Builder—Heyman Bros., 742 Market Street.  
Architect—Not Given.

Contract Awarded  
RESIDENCE Cost, \$19,000  
MEDMONT, Alameda Co., Calif. 441 Wildwood Ave.

Two-story Colonial residence and garage (9 rooms), hardwood floors, linoleum baths, wood sash, hot air heating system, etc.

Owner—H. L. Dunn, 1135 Clarendon Crescent, Oakland.  
Architect—Clarence W. Mayhew, 6026 Avenue St., Oakland.  
Contractor—C. M. Toeland, 525 49th St., Oakland.

Sub Contracts Awarded  
RESIDENCE Cost, \$42,213  
WOODSIDE, San Mateo Co., Calif. El Corte Madera Branch.

Two-story frame, stucco and brick veneer residence, hot kitchen, garage.

Owner—Wells Fargo Bank & Trust Co., San Francisco.  
Architect—Bakewell & White, 251 Kearny St., San Francisco.

Contractor—Frank S. Marshall, 909 Ashbury St., San Francisco.

Roofing—Alta Roofing Co., 979 Indiana St., San Francisco.

Plumbing—Vitor Doppie, 247 Iris St., Redwood City.  
Electric Wiring—Erskine Elec. Wks., Middlefield Road and Fifth Ave., Redwood City.

Heating—Walter Sterling, 1125 King St., Redwood City.

Sheet Metal—Redwood City Sheet Metal Works, 502 Arguello St., Redwood City.

Glass—W. P. Fuller Co., 301 Mission Street, San Francisco.

Hardwood Floors—Acme Floor Co., 1051 Mission St., San Francisco.

Iron Grille Work—J. Kern & Sons, 517 6th St., San Francisco.

Brick & Stone Work—Winker Bros., 919 Noble Ave., Menlo Park.  
Grading—W. O. Tyson, Box 885, Redwood City.

Foundations & Concrete—Peter Sorensen, Redwood City.  
Lumber—Sudden Lumber Co., Redwood City.

Mill Work—Pacific Mfg. Co., Santa Clara.  
Hardware—Marshall-Nevell Co., San Francisco.

Painting—A. A. Zelinsky, 911 Folsom St., San Francisco.

CONTRACTS AWARDED  
VICTORVILLE and Silver Lake, San Bernardino Co., Calif.—Joslyn Lumber Co., Esser Wikholm and E. E. Wikholm, 656½ S. La Brea, Los Angeles, awarded contract by Los Angeles, awarded contract by Los Angeles Water & Power Bureau at \$5,600 (item 2) for construction of five cottages, one guest house and one equip. garage at Silver Lake.

Victor L. and Wm. B. Jacobson, 3333 Madera Ave., Los Angeles, awarded contract at \$55,192 (item 1) for six cottages and one equip. garage at Victorville.

Contract Awarded  
RESIDENCES Cost, \$5,000 each  
SAN MATEO, San Mateo Co., Calif. Lots 2, 3 and 12, Rosewood Dr., Lot 1, Ninth Avenue.

Four 1- and 2-story frame residences  
Owner—Associated Security Holders, Inc., Flood Bldg., San Francisco.

Architect—E. Geoffrey Bangs, 580 Market St., San Francisco. 1

Sub-Contracts Awarded  
RESIDENCE Contract Price, \$9845  
ALAMEDA CO., Calif. Near Pleasanton.

One-story frame ranch house (seven rooms, two baths) shingle roof, hardwood floors, tile baths, oil burning heating system, etc.

Owner—Raymond Brown.  
Architect—Higgins & Root (Chester Root, architect), Security Bldg., San Jose.

Contractor—R. A. Griffin, Irvington.  
Plumbing and Sheet Metal—Geo. A. Colt Hardware Co., P. O. Box 74, Centerville.

Electric Wiring—Pleasanton Electric Co., Main St., Pleasanton.  
Tile Work—The Rigney Tile Co., 3012 Harris St., Oakland.

Hardwood Floors—J. W. Foster, Livermore.  
Brick and Stone Work—Peter Madison, 321 Division St., Pleasanton.

Lumber and Mill Work—Diamond Lumber Co., Livermore.  
Painting—J. N. Burkhardt, Box 652, Livermore.

Lathing and Plastering—W. M. Hill, 312 Peralta St., Hayward.

Sub-Contracts Awarded  
APARTMENTS Cost, \$41,000  
SACRAMENTO, Calif. 1515 "O" St. Apartment building.

Owner—P. G. Loyth, 2901 25th Street, Sacramento.  
Architect—Not Given.  
Contractor—C. J. Hopkinson, 1810 28th Street, Sacramento.

Concrete—Carl Fiedler, H St. Rd.  
Brick—Harry Johnson, 815 26th St. Iron Works Iron Works, 15th and S Streets.

Lumber—Dolan Bldg. Materials Co., 1st and P Streets.  
Kitchen Fixtures—Peerless Fixture Company

Lumber and Steel Sash—Dolan Bldg. Materials Co., 31st and P Streets.  
Electric—Jack W. Thomas, 3216 L St.  
Painting—Wilcoxon & Wilson, 1724 34th Street.  
All of Sacramento.

Contract Awarded  
RESIDENCE Cost, \$7,000  
SAN FRANCISCO, 35th Avenue bet. Anza and Balboa Streets.

One-story frame and stucco residence (6 rms.) tile and composition roof, hardwood floors, tile baths, etc.  
Owner—W. Asher.

Architect—D. E. Jaekle, 126 Post St.  
Contractor—Progressive Builders.

Sub Contracts Awarded  
RESIDENCES Cost, \$24,500  
FRESNO, Calif. 1334-1360 Wishon Street.

Seven duplex residences and garages.  
Owner—E. Brinker, 3965 Huntington Street.  
Architect—Not Given.  
Contractor—R. G. Leach, Thorne St.

Plumbing—W. Welliver, 543 U St.  
Tile Work—Smith Tile Co., 446 N. H Street.

Electric Wiring & Mill Work—S. C. Ramage, McKinley and N. Fresno Streets.

Brick & Stone Work—J. W. Ogle, 544 North 1st St.

Foundations & Concrete—Dwight Doss, Blackstone and Indianapolis Sts.  
Lumber—Kellner Lumber Co., Ventura and E Streets.

Hardware—Walter Hyde Hardware Co., 1331 Fulton St.  
Painting—Art Trimple, 1835 Harvey St.

Lathing & Plastering—John Ankney, 2329 Olive St.

## 15—SCHOOLS

BONDS VOTED  
EL MONTE, Los Angeles Co., Calif.—El Monte Union High School District name 4 affirmed a \$50,000 bond issue, proceeds to be used, together with expected PWA grant, to finance purchase of a site and construction of a central high school in or near El Monte. C. K. Denman, 724 Washington Bldg., Los Angeles, has been the architect for the district.

BOND ELECTION  
HORN BROOK, Skidway Co., Calif.—Hornbrook School District will vote June 15 on a proposal to issue bonds in the amount of \$18,350 to finance construction of alterations and additions to school buildings.

Preparing Plans  
SCHOOL Cost, \$.....  
TULARE, Tulare Co., Calif. New elementary school.

Owner—Tulare Elementary School District.  
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

Tulare Elementary School District voted bonds in the amount of \$127,000 June 1 to finance construction of the school.

CONTRACT AWARDED  
SAUSALITO, Marin Co., Calif.—V. Magliora, 15 Harrison Ave., Sausalito, at \$3,449, submitted low bid and was awarded contract by the Sausalito School District for concrete work (bid does not include playground benches) on the grounds of Central School, Litho and Caledonia Sts., Sausalito. Only other bid submitted by De Luca & Son, Inc., San Francisco, at \$4,760.

CONTRACT AWARDED  
ALAMEDA, Calif.—Symon Bros., 1135 Market St., San Francisco, at \$50, awarded contract by the Alameda Unified School District, for

wrecking and removal of Mastick School, located at Santa Clara Avenue and Bay St., Alameda.

#### CONTRACT AWARDED

SANTA MARIA, Santa Barbara Co., Calif.—Geo. Waters, 211 South Broadway, Santa Maria, at \$27,000, awarded contract by the Santa Maria Union High School District for construction of an agricultural building at Santa Maria High School.

**Bids Wanted — To Close June 25, 4:30 P. M.**

SCHOOL. Cost, \$9,000  
POLLOCK PINES, Eldorado Co., Cal. One-story frame school building (2 classrooms).

Owner—Cedar Grove School District (N. S. Groat, Secretary).  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

#### Contract Awarded

SCHOOL, COST HILLS, Kern Co., Calif. Reinforced concrete school building (4 classrooms and auditorium), tile roof, steam heat, etc.

Owner—Lost Hills School District.  
Architect—Perrine and Mackie (H. E. Mackie, architect), 908 Western Pacific Bldg., Los Angeles.  
Contractor—Harris Constr. Co., 577 McKinley Ave., Fresno—\$68,427.

#### LOW BIDDER

LOS ANGELES CO., Calif.—Steed Bros., 942 E. Main St., Alhambra, submitted low normal bid to Lowell Joint School District of Los Angeles and Orange counties, at \$25,950, for demolition of Unit 1 and construction of auditorium building. Richard M. Bates, Jr., architect.

**Bids Wanted — To Close July 2, 9 A. M.**

SCHOOL. Estimated Cost, \$40,000  
SAN MATEO, San Mateo Co., Calif. Peninsular Ave.

One-story Peninsular Avenue Elementary School; one-story frame and stucco building, tile roof, steam heating system, maple floors in classrooms, steel lockers, slate blackboards.

Owner—San Mateo Elementary Sch. District.  
Architect—T. M. Edwards, 9 Geary St., San Francisco.

Plans and specifications may be obtained at the Architect's office upon deposit of \$20.

Bids will be opened at the office of the Central School, 41 First Ave., San Mateo.

Work is not being done by PWA.

**Bids Rejected—New Bids Wanted**  
SCHOOL BLDG.

SONOMA CO., Calif. Approximately six miles west of Sebastopol. Two-story frame school house (two classrooms), stucco exterior, oil-burning heating system, composition roof, etc.

Owner—Gold Ridge Grammar School District.  
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Bids received May 31st were rejected and new bids are wanted until June 28, 8 p.m.

Bids will be opened in the Architect's office, where plans and specifications are available upon deposit of \$10.

D. D. Downie, Rt. 4, Box 226, Sebastopol, submitted previous low bid at \$11,677.

#### Sub Contracts Awarded

SCHOOL. Cont. Pr. \$41,640  
SACRAMENTO, Sacramento Co., Cal. San Miguel Way and D Street. One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administrative offices), concrete floors

in corridors, linoleum floors in classrooms, shingle roof, etc. (Theodore Judah School).

Owner—Sacramento City School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Wm. C. Keating, 1121 24th St., Sacramento.

Reinforcing Steel & Sash—Truscon Steel Co.  
Iron—Palm Iron & Bridge Works, P. O. Box 746.

Mil. Work—Sierra Mill & Lumber Co., P. O. Box 28.

Lumber—Diamond Match Co., 2826 Q Street.

Tile—Fischer Tile & Marble Co., 1219 Jay St.

Plaster—S. A. Tuchfarber, 2116 36th Street.

Sheet Metal—W. M. Dupuy, 3136 Folsom Blvd.

Roofing—Bush Roofing Co., 1912 K Street.

Painting—Willcoxon & Willson, 1724 24th Street.

Plumbing—Luppen & Hawley, 3126 J Street.

#### LOW BIDDER

MONROVIA, Los Angeles Co., Cal. —Elystone E. Van Tuyle, 136 South Walnut St., Brea, submitted low normal bid to Monrovia-Arcadia-Duarte High School District, at \$67,402, for rehabilitating the Ivy Ave. school in Monrovia. Marsh, Smith & Powell, architects, Los Angeles.

#### Sub-Contracts Awarded

REMODEL SCHOOL. Contract Price, \$7,900  
PETALUMA, Sonoma Co., Calif. St. Vincent's School.

Remodel of grade school building into high school; remove third story and roof, replace with new roof, plaster and paint exterior of the building, minor interior alterations.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Arnold Constable, 580 Market St., San Francisco.

Contractor—A. Mariam Seeburg, 637 E Street, Petaluma.

Plumbing—P. A. Van Beber, 15 Howard Street.

Electric Wiring—Baugh & Liddle, 15 Western Avenue.

Sheet Metal—B. F. Shell, 11 E Washington Street.

Brick and Stone Work—J. W. Jensen, Route 2, Box 282.

Painting—Wm. Kruse, Rte 2, Box 313.

Lathing and Plastering—Hartman Bros., Route 1, Box 724.

All of Petaluma.

**Preparing Working Drawings**  
RECONSTRUCTION. Cost, \$30,000  
BURLINGAME, San Mateo Co., Cal. Reconstruction & earthquake-proofing of Howard Avenue School (2-story wood frame building).

Owner—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.), El Camino and Oak Groves Avenues.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Structural Engineer—H. E. Hamill, 581 Bush St., San Francisco.

Plans will be completed in about three weeks.

**Contract Awarded**  
SCHOOL. Cont. price, \$41,640  
SACRAMENTO, Sacramento Co., Cal. San Miguel Way and D St.

One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administrative offices), concrete floors

in corridors, linoleum floors in classrooms, shingle roof, etc. (Theodore Judah School).  
Owner—Sacramento City School District.  
Architect—Chas. F. Dean, California

State Life Bldg., Sacramento.  
Contractor—Wm. C. Keating, 1121 24th St., Sacramento.

#### Bonds Voted

ADDITION. Cost, \$.....  
PLACERVILLE, Eldorado Co., Calif. Cottage and Union Streets.

Two-story classroom addition (four classrooms, manual training shop sewing room and gymnasium) frame and stucco construction.

Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
Architect—Jens C. Petersen, 812 26th Street, Sacramento.

Placerville Grammar School District voted bonds in the amount of \$40,000 proceeds to finance construction of addition to school.

#### Planned

HIGH SCHOOL. Cost, \$150,000  
SAN ANSELMO, Marin Co., Drake Blvd., near Morningside Court.

New Junior Tamalpais High School  
Owner—Tamalpais High School District.

Architect—Not Selected.  
Work will be done on the unit system and first unit of four classrooms will be constructed this year.

#### BONDS VOTED

TULARE, Calif.—Tulare Elementary School District voted bonds in the amount of \$127,000 June 1, proceeds to finance construction of additional grammar school buildings.

**Bond Election**  
GYMNASium. Cost, \$58,400  
SANTA CLARA, Calif. Santa Clara High School.

Gymnasium (127 x 140 ft.), to seat from 750 to 900.

Owner—Santa Clara High School District (S. J. Brainerd, Principal).

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Santa Clara Union High School District will vote on June 11 on a proposal to issue bonds in the amount of \$105,000 proceeds to finance construction of gymnasium, also shop, garage, equipment, etc.

**Bids Wanted — To Close June 21, 7:30 P. M.**

SCHOOL ADDITION. Cost, \$20,000  
SACRAMENTO, Calif. 16th and Vallego Way.

One-story frame and brick veneer addition of six classrooms.  
Owner—Sacramento City School District.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Bids will be taken under the following alternates:

Alt. 1: Deduct for omission of two-room unit, equal to rooms 3 and 4.

Alt. 2: For additional units of two rooms equal to rooms 3 and 4.

**CONTRACT AWARDED**  
SOUTH PASADENA, Calif.—H. J. Murphy, 170 N 5th St., Monrovia, awarded contract by Holy Family Parish, South Pasadena, at \$24,453 for construction of a parochial school building at the corner of Fremont Ave and Rollin St., South Pasadena.

Geo. Adams, Los Angeles, architect.

**CONTRACT AWARDED**  
ELKO, Nev.—James A. Nelson, Inc., 1375 Howard St., San Francisco, at \$18,832, awarded contract by the Elko Grammar School District, C. M. Luce, Superintendent, for heating and ventilating system in Bldg No. 1, Elko Grammar School, Elko.

Complete bids follow:  
James A. Nelson, Inc. S. F. \$18,832 16  
W. Earl Hume, Reno, Nev. 19,520 16  
Corv & Joslin, Inc. 50

Hawthorne St. S. F. 20,850 00

**Sub-Contract Awarded****RECONSTRUCTION**

**CROCKETT** Contract Costa Co., Calif. Reconstruction of Academic Building at John Swett High School.

Owner—Crockett School District.  
Engineers—Dewell and Earl, 55 New Montgomery St., San Francisco.  
Contractor—C. L. Wold Const. Co., Ltd., 4112 Fulton St., San Francisco.

**Gunite**—Cement Gun Const. Co., 9 Main St., San Francisco.  
As previously reported, structural steel awarded to Schrader Iron Wks, Inc., 1247 Harrison St., San Francisco; Inoleum to Higgins Co., 2345 Broadway, Oakland; electric work to Crockett Electric Shop, Valley St.; Crockett; heating to F. J. Edwards, 2401 Ninth Ave., Oakland; plumbing to Oscar O. Frytz, 577 Loring Ave., Crockett; window hardware to Universal Window Co., 950 Parker St., Berkeley.

**Preparing Plans**

**ADDITION** Cost, \$25,000  
**SALINAS**, Monterey Co., Cal. Alisal Union Grammar School.  
Addition of four classrooms to Alisal School.  
Owner—Alisal Un. Elementary School District.  
Architect—C. J. Ryland, Carmel and Monterey.

**Plans Completed**

**ADDITION** Cost, \$20,000  
**WOODLAND**, Yolo Co., Calif.  
Addition of three-classroom unit of concrete construction, tie roof, at Woodland High School.  
Owner—Woodland High School Dist.  
Architect—Dragon & Schmitts, 2065 Alston Way, Berkeley.  
Plans have been completed and forwarded to the State Division of Architecture for approval.

**BOND ELECTION**

**SAN JOAQUIN** Co., Calif.—Huston School District will vote, on July 1, on a proposal to issue bonds in the amount of \$50,000, proceeds to finance construction of alterations and additions to school buildings.

**BIDS WANTED**

**FRESNO**, Calif.—Until June 15, 5 p.m., bids will be received by the City of Fresno School District, L. L. Smith, Secretary, for installing a new furnace in the Lincoln School Bldg., C and Mono Sts., Fresno.

Plans and specifications may be obtained from the Secretary of the Board of Education, 2318 Mariposa St., Fresno. Bids must be accompanied by bond of 10% payable to the order of the Secretary, and will be opened about 7:30 p.m. in the Board room.

**BIDS WANTED**

**VISALIA**, Tulare Co., Calif.—Until June 21, 7:30 p.m., bids will be received by the Visalia Union High School District for construction of a Comfort Station building on the Visalia Union High School grounds at the Gladings Avenue end of Athletic Stadium, Visalia.

Plans and specifications may be obtained at the office of E. E. Baker, Clerk of the Board of School Trustees.

**16—BANKS, STORES AND OFFICES****Preparing Working Drawings**

**ADDITION** Cost, \$4,500  
**OAKLAND**, Alameda Co., Cal. Fulton Bldg.  
Addition of one story, consisting of two apartments, to present two-story store and apartment building.

ing.  
Owner—Withheld.  
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**CONTRACT AWARDED**

**LOS ANGELES**, Cal.—R. J. Daum, 3246 Bungalow, awarded contract for a two-story office building, 40x100 ft. in area, to be built at 852 Wilshire Blvd. for the California State Chamber of Commerce. Cost, \$25,000. Norstrom & Anderson, architects.

**Being Done By Day's Work.**  
**OFFICE BLDG.** Cost, \$15,000  
**MODESTO**, Stanislaus Co., Calif.  
One-story frame and stucco office building.  
Owner—Russell G. deLappe, 5905 Keith Ave., Oakland.  
Plans by the Owner.  
Mgr. of Const.—Harry Hamer.

**Owner Taking Segregated Bids.**  
**STORE BUILDING** Cost, \$.....  
**SAN ANSELMO**, Marin Co., Calif.  
109 Sir Francis Drake Blvd.  
One-story reinforced concrete store building (175x100 ft.), containing eight stores, concrete exterior walls, concrete and wood floors, composition roof, wood trusses, tile and plate glass front, etc.  
Owner & Builder—Donald C. Perry, 100 Sir Francis Drake Blvd., San Anselmo.  
Architect—Hertzka & Knowles, 369 Pine St., San Francisco.

Plans have been completed and the owner is now taking segregated bids on all portions of the work.

**Sub-Contracts Awarded.**  
**ADDITION** Est. Cost, \$10,000  
**OAKLAND**, Alameda Co., Cal. Piedmont Avenue.  
Frame addition to store building.  
Owner—Andrew Williams.  
Architect—Edw. T. Foulkes, 357 12th St., Oakland.  
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro.

**Plumbing**—J. J. Horner, 532 Callan Ave., San Leandro.  
**Glass**—Carter Glass Co., 333 9th St.  
**Iron**—Grille Work—Romak Ornamental Iron Works, 915 18th St.  
**Grading**—Aris-Knapp, 961 41st St.  
**Lumber**—Boorman Lumber Co., 10035 East 14th Street.  
**Concrete**—J. H. Fitzmaurice, 2857 Hannah Street.  
All of Oakland, unless otherwise noted.

**Sub-Contracts Awarded.**  
**OFFICE BLDG** Cost, \$20,000  
**WATSONVILLE**, Santa Cruz Co., Calif. Main and Eastern Drive.  
District office building and retail headquarters (73 x 49 feet) concrete and frame construction, stucco exterior, tie roof, 52-ft. gable front, beamed ceiling in display room, tile or hardwood floors, walls and ceilings insulated with cork board (offices, display room, ice storage plant) refrigeration machinery, etc.  
Owner—Union Ice Company, Appleton Bldg., Watsonville.  
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Contractor—Friend & Rest, 309 Stanford St., Watsonville.  
**Roofing**—Central Supply Co., Beach Road.  
**Plumbing & Sheet Metal**—P. J. Freiremuth Co., 247 Main Street.  
**Electric Wiring**—Just - Rite Electric Co., 311 Van Ness Ave.  
**Glass**—Orlando's Glass Shop, 639 Main Street.  
**Hardwood Floors**—Finn Floor Co., 515 McDenzie Avenue.  
**Iron**—Grille Work—Helwig's Iron Works, San Jose.

**Lumber**—Hammond Lumber Co.  
**Foundations and Concrete**—Granite Concrete Co., Bin No. 9.  
**Mill Work**—Peterson's Planing Mill, 161 W. Lake Avenue.  
**Painting**—Reid's Paint Store.  
**Lathing and Plastering**—J. Marten, 8413 Palm Avenue.  
All at Watsonville, unless otherwise noted.

**Plans Being Figured—To Close June 15, 4 P. M.**

**STORE BLDG.** Est. Cost, \$45,000  
**VALLEJO**, Solano Co., Calif.  
One-story reinforced concrete store building (10 stores) steel frame, steel sash, composition roof, tile and plate glass front, etc.  
Owner—A. J. Higgins, Vallejo.  
Architect—Chas. E. J. Rogers, Pheasant Bldg., San Francisco.  
Bids will be received in the architect's office from the following selected list of contractors:  
Peter Sartorio, 666 Mission Street, San Francisco.  
Geo. J. Maurer Co., 50 York Dr., Piedmont.  
Moos & Roberts, 693 Mission St., San Francisco.  
Carlen Const. Co., 4216 Carrington St., Oakland.

**Contract Awarded.**  
**ALTERATIONS** Cost, \$5,500  
**SAN JOSE**, Santa Clara Co., Calif. Vine Street.  
Alterations to office building.  
Owner—T. Tomasello.  
Architect—Not given.  
Contractor—Gene Achille, 233 W. St. James St., San Jose.

**COMPLETING PLANS**

**LOS ANGELES**, Calif.—Architect Albert C. Martin, 233 Higgins Bldg., is completing plans for a 3-story and basement Class A building, 55x121 ft. in area, to be built on Los Angeles St., south of Aliso St., for Chas. E. Hixson Co. Work will include remodeling existing building at 330 N. Los Angeles St.

**Bids Wanted - To Close June 14, 8 P. M.**

**STORE BLDG.** Cost, \$20,000  
**SACRAMENTO**, 12th and H Sts.  
One-story brick store building (40x160 ft.).  
Owner—Moore & Engler.  
Engineer—Frank Talbot, Sacramento, Calif.  
Following have taken out plans:  
Campbell Constr. Co., 800 R St.  
Henry Finnigan, 1714 16th St.  
M. R. Peterson, 1116 O St.  
Holdener Constr. Co., 2608 R St.  
Joe Saunders.  
Otto Steinhilber, 1116 O St.  
W. E. Truesdale, 2116 H St.  
Lindgren & Swinerton, Inc.  
All of Sacramento.

**Sub Contract Awarded.**  
**ALTER ELEVATORS** Cost, \$.....  
**SAN FRANCISCO**, Calif. 201 Sansome St.  
Alter elevators in the Royal Insurance Building.  
Owner—Royal Insurance Co., Ltd.  
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.  
Contractor—Innwidde Construction Co., 210 Crocker Bldg.  
Elevators—Otis Elevator Company.

**Sub-Contracts Awarded.**  
**ALTER BANK** Cost, \$35,000  
**BURLINGAME**, San Mateo Co., Cal. Burlingame Ave. and Park Road.  
Alter Bank of America.  
Owner—Capital Co., 625 Market St., San Francisco.  
Plans by Engr. Dept. of Owner.  
**Plumbing, Heating and Ventilating**—Harry Lee, 220 California Drive, Burlingame.  
**Reinforcing Steel**—Soule Steel Company, 1750 Army St., San Fran-

also.  
**Structural Steel**—Schrader Iron Wks Inc., 1247 Harrison Street, San Francisco.  
**Electric Work**—Lynch Electric Co., 2080 Sutter St., San Francisco.  
**Bank Fixture Mill Work**—S. Kulchiar & Co., 731 E 10th St., Oakland.

**Plans Being Revised**  
**ALTERATIONS** Cost, \$.....  
**BERKELEY**, Alameda County, Calif. —Stuck and Center Avenues.  
**Alterations to Mercantile Bank Bldg.** (remove entire projecting cornice, plaster and paint exterior, new entrance).  
**Owner**—Pacific States Savings and Loan Co., 745 Market Street, San Francisco.  
**Architect**—Jas. W. Plachek, 511 Mercantile Bank Bldg., Berkeley.  
 Due to bids exceeding estimated cost, plans are being revised and new bids will be asked later.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—P. J. Walker Co., 3900 Whiteside Ave., awarded contract for construction of a rear addition to an existing building at 720 S. Rampart Blvd. for Southern California Telephone Co., 740 South Olive St. Cost, \$100,000. General contract includes all work except structural steel, which, as previously reported, was awarded to Pacific Iron & Steel Co. Plans by Owner's engineering department.

**Preparing Working Drawings**  
**STORE BLDG.** Cost, \$.....  
**SANTA BARBARA, Calif.**  
 New reinforced concrete store building.  
**Owner**—Montgomery Ward & Co. Plans by Construction Department of Owner, Chicago Office.  
 Bids will probably be asked about June 25.

**Contract Awarded**  
**STORE BLDG.** Cont. Pr., \$29,010  
**SANTA ROSA, Sonoma Co., Calif.**  
 One-story and mezzanine reinforced concrete store building (180x85 feet).  
**Owner**—Stone Furniture Co.  
**Architect**—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
**Contractor**—Wm. D. Rapp, 1413 17th St., Santa Rosa.

**Completing Plans**  
**ALTERATIONS** Cost, \$.....  
**FRESNO, Fresno Co., Calif.** Fulton and Fresno Streets.  
**Interior finish work in Roos Bros. store in the Cory Bldg.**  
**Owner**—Cory Estate, Ben H. Cory, manager.  
**Lessors**—Roos Brothers, Fresno.  
**Architect**—Albert R. Williams, 251 Post St., San Francisco.  
 Bids will be asked within a few days.

**17— THEATRES**

**Planned**  
**THEATRE & HOTEL** Cost, \$500,000  
**EUREKA, Humboldt Co.** Half square block bounded by E, F, Sixth and Seventh Sts.  
**Six-story reinforced concrete and fireproof theatre and hotel building (240x140 ft.); theatre will seat 1550; hotel will total 162 rooms, two penthouses, lobby, cocktail bar, lounges, coffee shop, banquet & dining rooms, kitchens, two elevators, etc.**  
**Owner**—Redwood Theatre, Inc. (Geo. M. Mann, Pres.).  
**Hotel Lease**—Wiley Mather, Mark Twain Hotel, San Francisco.  
**Architect**—Not Selected.  
**Director of Construction**—William David.  
 Construction is scheduled to start this fall.

**Preparing Preliminary Plans**  
**THEATRE** Cost, \$40,000  
**PLACER, Calif.**  
 Theatre to seat 700, of reinforced concrete and frame construction.  
**Owner**—T. & D. Enterprises, 25 Taylor St., San Francisco.  
**Architect**—Not Given.  
**Engineer**—L. H. Nishkian, 525 Market St., San Francisco.

**18— WHARVES & DOCKS**

**Bids Wanted — To Close June 24, 2 P. M.**  
**WHARF & BLDG.** Cost, \$.....  
**SAN FRANCISCO.** Piers 35 and 37. Connecting wharf and building at Piers 35 and 37.  
**Owner**—State of California (Board of Harbor Commissioners), Ferry Building.  
**Engineer**—Frank G. White, Ferry Bldg.  
 Plans and specifications may be obtained at Room 18, Ferry Bldg., upon deposit of \$10.  
 Bids will be opened in the Board Room.  
**CONTRACT AWARDED**  
**BAKERSFIELD, Kern Co., Calif.**—Wm. M. McKinney, 902 18th Street, Bakersfield, at \$1248, submitted the low bid to and was awarded the contract by the City of Bakersfield, V. Van Riper, City Clerk, for alterations and repairs to a swimming pool (40x90-ft.) in Central Park in Bakersfield.  
 Total bids follow:  
 Wm. M. McKinney, Bakersfield — \$13,448  
 Case Const. Co., Alhambra — 14,250  
 Plans were prepared by City Engineer Joe Holfelder.

**CONTRACT AWARDED**  
**BAKERSFIELD, Kern Co., Calif.**—J. N. Harvey, Route 2, Box 308-A, Bakersfield, at \$55,196, submitted the low bid and was awarded the contract by the City of Bakersfield, V. Van Riper, City Clerk, for the construction of an open-air swimming pool (120x90-ft.) stone tile bathroom (concrete floor) and tile roof, showers and sanitary facilities, and appurtenances in Jefferson Park.  
 Total bids follow:  
 J. N. Harvey Bakersfield \$55,196  
 Opperman & Co., Bakersfield 53,370  
 A. J. Hendricks, Bakersfield 37,800  
 Plans were prepared by City Engineer Joe Holfelder.

**BIDS WANTED**  
**SAN FRANCISCO**—Until June 9, 1:30 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for removal of the existing smoke stack and construction of a new stack at the Municipal Asphalt Plant. New stack to be 30 feet high, 25 inches in diameter, of No. 10 plate with 14-in. x 36-in. breaching. Stack and breaching to be painted with two coats of black paint. Further particulars obtainable from Preston W. King, General Superintendent of Streets, 450 Eleventh St., San Francisco.

**Bids In—Held Under Adjudgment**  
**ATLANTON, Ga.** Cost, \$.....  
**SHELL POINT, Contra Costa Co.** 5 miles from Pittsburg.  
 One-story reinforced concrete addition to laboratory.  
**Owner**—Shell Oil Co. Plans by Engineering Department of Owner.  
 Plans were figured by a selected list of contractors.  
 Announcement shortly.

**Contract For Superstructure**  
**Awarded**  
**SUB STATION** Cost, \$.....  
**OAKLAND, Alameda Co., Calif.** NE Cor. First and Grove Sts.

Two-story and concrete waterproof basement structural steel and reinforced concrete sub-station "C" (175x36x20), with annex at one end (70x35x15).  
**Owner**—Pacific Gas & Electric Co. Plans by Engineering Department of Owner.  
**Divinville Constr. Co., Inc., 210 Crocker Bldg., San Francisco,** awarded contract for switchhouse superstructure.  
 As previously reported, Golden Gate Iron Works, 1541 Howard St., San Francisco, awarded contract for the structural steel, and Barrett & Hilp, 918 Harrison Street, San Francisco, awarded contract for concrete foundations.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—Stone and Webster Engr. Co., 601 W. Fifth St., Los Angeles, has been awarded the contract by the Southern California Edison Company for the construction of a 225-mile transmission line from Boulder Power Plant to Chino. The line will be a single circuit transmission line for 230,000 volts and will parallel the double line of the Los Angeles Water and Power Department.  
 Cost is estimated at \$3,000,000. The line will run approximately 20 miles east of the city and will be completed July 1, 1938.  
 Fred B. Lewis, vice-president and general manager of the Southern California Edison Co., is in charge.

**BIDS WANTED**  
**PEARL HARBOR, T. H.**—Until July 11, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8491, for crane, dredge and Diesel—electric-generating equipment installed on pontoon at Navy Yard, Pearl Harbor. Estimated cost, \$75,000.  
 Specifications may be obtained from the office of the 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00.

**BIDS OPENED**  
**BAKERSFIELD, Kern Co., Calif.**—Opperman & Co., Bakersfield, at \$18,254, submitted the low bid to the City of Bakersfield, V. Van Riper, City Clerk, Bakersfield, for alterations and repairs to a swimming pool in Beale Park.  
 Total bids follow:  
 Opperman & Co., Bakersfield \$18,254  
 A. J. Hendricks, Bakersfield 15,350  
 Bids held under advisement. Both bids exceeded the engineers' estimate.

**BIDS WANTED**  
**MARIN CO., Calif.**—Until June 22, 10 a. m., bids will be received by the Constructing Quartermaster, Captain S. W. Hulbe, Fort Mason, Calif., for repairs to the existing landing mat, the construction of storm drains, and extension to Landing Mat at Hamilton Field, Marin County.  
 Plans and specifications obtainable from the above office upon deposit of \$5.

**To Be Done By Day's Work**  
**TANK** Cost, \$20,000  
**OAKLAND, Alameda County, Calif.** Grizzly Peak Blvd., near Summit Road.  
**Concrete tank**  
**Owner & Builder**—East Bay Municipal Utility District, 52 16th St.  
**Architect**—Miller & Warnecke, Financial Center Bldg., Oakland.

**PREPARING PLANS**  
**SAN DIEGO, Calif.** Architect F. L. Hope, Jr., 1005 San Diego St., and Savings Bldg., San Diego, is preparing plans for a 600-crypt mausoleum

and a chapel to be built at Holy Cross cemetery, San Diego, and the Roman Catholic Bishop of San Diego.

#### BIDS OPENED

**SAN FRANCISCO.**—Ocean Shore Iron Works, 500 8th St., at \$19,953, submitted the only bid to the Department of Public Works, Rm. 251, City Hall, for removal of the existing smoke stack and construction of a new stack at the Municipal Asphalt Plant. New stack to be 30 feet high, 25-in. in diameter, of No. 10 plate with 1436-in. breaching.

Bids taken under advisement.

### 20—MISC. SUPPLIES AND MATERIALS

#### BIDS OPENED

**OAKLAND, Calif.**—Berkeley Steel Const. Co., Inc., Secord and Camelia, Berkeley, at \$4940, submitted the low bid to the East Bay Municipal Utility District, 512 26th St., Oakland, under Spec. No. L. S. 196, for furnishing and erecting a 25,000-gallon elevated steel water storage tank at Camp Pardee.

Complete bids follow:  
Berkeley Steel Const. Co., Inc. \$4940  
California Steel Prod. S. F. Co. 5222  
Pittsburgh-Des Moines Steel Co. San Francisco ..... 5875  
Chicago Bridge & Iron Works, San Francisco ..... 5980  
Steel Tank & Pipe Co., Berkeley 6550  
Foundations will be constructed by the District.

#### BIDS WANTED

**BERKELEY, Cal.**—Until June 30, 8 P. M., bids will be received by the Berkeley Board of Education, Clara Andrews, Secretary, Durant and Milvia, Berkeley, for miscellaneous lumber, estimated to cost \$650, for use in manual training classes.

Bids to be delivered to the Secretary's office.

Further information is obtainable from above office.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Following bids were submitted to the Purchasing Agent, Metropolitan Water District, 306 W. Third St., Los Angeles, under Bid No. 83128, for furnishing 50 steel muck cars, job bidder's plant \$25,200, shipping weight, 7000 lbs.; job plant, Los Angeles; net \$594, total \$29,700, weight 7000 lbs.; job Los Angeles, net.

Pennsylvania Iron & Steel Co.: \$560 total \$25,000, weight 6900 lbs.; job 2308 Santa Fe Ave., Los Angeles, net \$595.60, total \$29,750, weight 6700 lbs.; job plant, Los Angeles, net.

Emco-Derrick & Equipment Co.: \$542.50 total \$27,125, weight 6900 lbs.; job 6811 S. Alameda St., Los Angeles, net.

Buehler Tank & Welding Works: \$579, total \$28,950, weight 6250 lbs.; job 5000 Pacific Blvd., Los Angeles, net.

Pressed Steel Car Co., Inc., Pittsburg, Pa.: \$825, total \$2,625; job 6625 1/2 St., job McKees Rock, Pa.; net \$ A. J. Boyer Co.: \$612, total \$3,600, weight, 8624 lbs.; job Shauson and Santa Fe Aves., Los Angeles.

#### CONTRACT AWARDED

**SAN FRANCISCO.**—Wickwire-Spencer Steel Co., 101 Townsend St., San Francisco, at \$114 awarded contract for the design and installation of 72x71-ft. steel bulk yard fence with gate at Lot 1, Street high pressure tank. Complete bids published May 27.

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—San Francisco Water Department, 425 Mason St., San Francisco, awarded contract for furnishing hub end gate valves for use by the department.

Contract prices were:  
(1) 50 4-in. valves.....\$12.00 each  
(2) 300 6-in. valves..... 16.75 each  
(3) 200 8-in. valves..... 24.70 each

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Taper Tube Pole Co., Monadnock Bldg., San Francisco, at \$3,156.66, was awarded the contract by T. A. Brooks, Purchaser of Supplies, City Hall, San Francisco, under Bid No. 1794, for furnishing luminaries for street lighting.

#### BIDS OPENED

**SAN FRANCISCO.**—D. E. Crowley Flooring Co., 123 Kansas Street, at \$342.75, submitted the low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Columbus House, San Francisco, under Bid No. 688-2-283, for providing a mineral tile floor, with suitable brass stripping at edges where required, for the plotting switchboard room at Fort Funston.

Total bids follow:  
D. E. Crowley Flooring Co., San Francisco, \$342.75; net; 14 days delivery.  
American Art Tile Co., San Francisco: \$350.37; net; 14 days delivery.

Bids taken under advisement

#### BIDS OPENED

**CASPER-ALCOVA PROJECT, Wyoming.**—Cyclops Iron Works, 837 Folsom St., San Francisco, at \$19,200, submitted the low bid to the Bureau of Reclamation, Denver, under Spec. No. 929-D, for furnishing and delivering one 50-ton, motor-operated overhead traveling crane with a 10-ton auxiliary hoist for the Seminoe power plant, Casper-Alcova Project.

Complete bids follow:  
Cyclops Iron Works, San Francisco \$19,300, wt. \$2,000 lbs.; 1/2 size disc; 200 day delivery; f.o.b. San Francisco.

The Euclid Crane & Hoist Co., Euclid, Ohio—\$21,639; wt., 84,000 lbs.; net; 200 day del.; f.o.b. Parco, Wyo. The Euclid Crane & Hoist Co., Euclid, Ohio—\$19,801; wt., 84,000 lbs.; net, 200 day del.; f.o.b. Euclid, Ohio. Johnson Pacific Co., San Francisco \$20,863; wt., 96,000 lbs.; 1/2 size disc; 200 days del.; f.o.b. San Francisco. Harmsfeger Corp., Milwaukee, Wis.—\$22,650; wt., 102,500 lbs.; net; 200 day del.; f.o.b. Milwaukee. \*

#### BIDS OPENED

**SOUTHINGTON, Calif.**—Following bids were submitted to the State Purchasing Agent, 319 State Capitol, Sacramento, under Quot. No. 54472, for furnishing one diesel engine powered tracklaying type tractor.

Bids listed include deduction of trade-in allowance on a Caterpillar CMC 553.  
Moore Equipment Co.—\$3022.38 (inc. tax); 5 day del.  
Reverdy Tractor Co., Sacramento: \$3103.99; 7 day del.  
J. D. Adams—\$3778.80; 2% 30 da

#### BIDS OPENED

**BOULDER CANYON, Nev.**—Following bids were submitted to the Bureau of Reclamation, under Spec. No. 723, for furnishing and delivering 100 kva. at the shipping point.  
Boulder City: (1) seven 21,500 kv-a., 13,600—132,800/230,000 V-volt transformers; (2) 7 current transformers; (3) one Peterson coil for Units A-6 and A-7 in the Boulder Power Plant, Boulder Canyon Project.

General Electric Co., Schenectady, N. Y.—(1) \$97,520; (2) \$1,640; (3) \$59,900.

Winghouse Elec. & Mfg. Co., Denver, Colo.—(1) \$622,220; (2) \$1,540; (3) \$59,900.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—(1) \$616,000; (2) \$1,540; (3) no bid.

#### AWARD RECOMMENDED

**SAN DIEGO, Cal.**—Following bidders were recommended for award of contract by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for replacement of target pier and dredging at Naval Operations Base (Fuel Depot), San Diego:

Robert Dawson, at \$19,939.42, for entire work exclusive of electrical work and dredging.

G.H. Electric Co., San Diego, at \$3,300, for electric work complete.

Newport Dredging Co., at \$11,150, for dredging Area A and B.

Bids were opened June 1.

#### BIDS OPENED

**GRAND COULEE, Wash.**—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 739, for furnishing trash-rack metal work for the outlet works at the Grand Coulee Dam, Columbia Basin Project, Wash.

The specifications called for:  
(1) 300 racks;  
(2) Plates, guides, bolts, cap screws, etc.

St. Louis Str. Steel Co., East St. Louis, Ill.—(1) \$62,970; (2) \$9,530; total, \$72,501.00.

Pacific Car & Foundry Co., Seattle—(1) \$72,200; (2) \$11,000; total, \$83,000.00.

Independent Iron Works, Oakland—(1) \$76,248; (2) \$10,184; total, \$86,432.00.

John W. Beam, Denver, Colo.—(1) \$75,700; (2) \$12,735; total, \$90,800.00.

Isacson Iron Works, Seattle—(1) \$95,380; (2) \$11,103; total, \$107,483.

Bethlehem Steel Co., Bethlehem, Pa.—\$88,236; (2) \$11,781; total, \$100,017.00.

Arthur J. O'Leary & Son Co., Chicago—(1) \$54,200; (2) \$8,250.

Kansas City Str. Steel Co., Denver—(1) no bid; (2) \$9,984.

American Bridge Co., Denver—(1) \$106,065; (2) \$8,956.

Judson Pacific Co., San Francisco—(1) \$71,140.

Lakeside Bridges & Steel Co., Milwaukee—(1) \$83,724; (2) \$11,600.

Boat Pipe & Tank Corp., Portland—(1) \$72,864; (2) \$12,441.

Consolidated Steel Corp., Ltd., Los Angeles—(1) \$84,870.

Koppers Co., Baltimore—(1) \$89,000; (2) \$13,700.

Berkeley Steel Const. Co., Berkeley—(1) \$79,200; (2) no bid.

Southwest Welding & Mfg. Co., Alhambra—(1) \$76,770; (2) \$13,660.

California Steel Products Co., San Francisco—(1) \$99,992.

Worden Allen Co., Milwaukee—(1) \$94,778; (2) \$13,590.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Following bids received by the Metropolitan Water District, Los Angeles, for 15,000-volt indoor type disconnecting switches, switch and bus compartments and bus insulator units for use in the Colorado River Aqueduct.  
Pacific Electric Mfr. Corp., Los Angeles: Sch. 1, \$12,792.65; shipping weight, 28,710 lbs.; Sch. 2, \$13,506.44; no use tax; wt. 29,385 lbs.; Sch. 3, \$10,798.62; no use tax; wt. 27,950 lbs.; Sch. 4, \$15,731.60; wt. 33,885; Sch. 5, \$15,751.60; wt. 33,885 lbs.; Sch. 6, \$30,900. No discount; no use tax; Sch. 7, items (1) to (35) deduct \$3,428.04; items (36) to (42) deduct \$8,294; (1) items (1) to (40) deduct \$13,728.04.



Westinghouse Electric & Mfg.: Sch. \$12,875.05, incl. \$375 use tax; wt. 32,000 lbs.; Sch. 2, \$13,635.70, incl. \$397.15 use tax, wt. 34,300 lbs.; Sch. 3, \$10,964.47, incl. \$317.37 use tax; wt. 29,000 lbs.; Sch. 4, \$15,836.16, incl. \$461.25 use tax; wt. 40,400 lbs.; Sch. 5, \$15,363.15, incl. \$461.25 use tax; wt. 40,000 lbs.; Sch. 6, \$30,900; no discount; ch. 7, (41) deduct \$3457.97; (42) deduct \$5150; (43) deduct \$13,905. No discount.

**BOWIE SWITCH CO., San Francisco:** ch. 1, \$12,792.65; wt. 28,710 lbs.; Sch. \$13,506.44; wt. 29,385 lbs.; Sch. 4, \$15,107,986.2; wt. 27,900 lbs.; Sch. 3, \$15,311.60; wt. 33,885 lbs.; Sch. 5, \$15,731.10; wt. 33,885 lbs.; Sch. 6, \$30,900; ch. 7, (41) deduct \$3428.04; (42) deduct \$8240; (43) deduct \$13,728.04. No discount.

**Square D Co., Los Angeles:** Sch. 1, 3, 4 and 5 no bids; Sch. 6, \$17,093.33; no discount; Sch. 7, item (2) deduct \$792.49.

**Revox and Industrial Engr. Co., Los Angeles:** Sch. 1, \$12,792.65; wt. 28,700 lbs.; no discount; Sch. 2, \$13,064.47; wt. 28,800 lbs.; no discount; ch. 3, \$10,798.62; wt. 26,000 lbs., no discount; Sch. 4, \$15,731.60; wt. 35,000 lbs., no discount; Sch. 5, \$15,016.60; wt. 35,200 lbs., no discount; ch. 6, \$30,900; no discount; Sch. 7, (1) deduct \$3428.04; (42) deduct \$8,000; (43) deduct \$13,728.04.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Following bids were received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, under Spec. No. 5, for 850,000 barrels more or less cement.

Bids were taken as follows:  
 ① 212,500 bbls. plus or minus 25% cement in bulk, fob cars or trucks at bidder's plant or plants;  
 ② 425,000 bbls. do;  
 ③ 637,500 bbls. do;  
 ④ 850,000 bbls. do.

The bids were:  
 California Portland Cement Co., Riverside Cement Co., Southwestern Portland Cement Co., care Louis A. Arnan, 504 Pacific Mutual Bldg., Los Angeles; item (4) only, \$1.50 l. total, \$1,275,000; no discount. Bidders: Colton, Crestmore and Vicerville.

Monolith Portland Cement Co., 215 7th St., Los Angeles; (1) \$1.20 per l., total \$235,000; (2) \$1.19 l. bbl. total \$565,750; no discount. Delivery: Monolith, Calif.

**CONTRACT AWARDED**

**PIOCHE, Nev.**—Bennett & Taylor, 11 Venice Blvd., Los Angeles, at \$112, were awarded contract by Lincoln County Power District No. 1 for construction of substations at Pince, Delmar Junction, Delmar, Glente, Ploche, Panama, and Gold Springs, Nev. Substation structures and equipment will be furnished by owner. R. Hagen, engineer.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Pressed Steel Car Co., Pittsburgh, Pa., at \$625, was awarded the contract by Metropolitan Water District, Los Angeles, under Spec. No. 83128, for finishing 50 steel muck cars, fob Pittsburgh.

**BIDS WANTED**

**OAKLAND, Calif.**—Until June 14, P. M., bids will be received by Oakland Port Commission, A. H. Secretary, Room 73, foot Grove Street, for furnishing materials for cutting and surfacing roadway leading to Ninth Ave. Pier and pipe for sewage system. Work to be done by WPA labor. The Oakland Port Commission will furnish the above materials, estimated cost \$12,500.

**BIDS OPENED**

**SAN LEANDRO, Calif.**—Calrock Asphalt Co., foot of 47th Ave., Oakland, submitted the only bid to the San Leandro City Council, 1120 E. 14th St., San Leandro, for natural rock asphalt and natural rock asphalt concrete for the fiscal year, July 1, 1937, to June 30, 1938.

Bids were taken as follows:

Natural rock asphalt:	
Less than 25 tons.....	\$4.76
Less than 50 tons.....	4.51
Less than 100 tons.....	4.27
Over 100 tons.....	4.12
Rock asphalt concrete:	
Less than 25 tons.....	\$4.23
Less than 50 tons.....	3.93
Less than 100 tons.....	3.63
Over 100 tons.....	3.43

**NO BIDS RECEIVED**

**SAN LEANDRO, Calif.**—No bids were submitted to the San Leandro City Council, E. F. Hutchins, City Clerk, 1120 E. 14th St., San Leandro, for furnishing and spreading oil on street surfaces and/or other public works, for the fiscal year July 1, 1937, to June 30, 1938.

**BIDS WANTED**

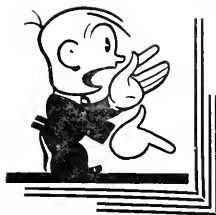
**FRESNO, Calif.**—Until June 17, 11 a. m., bids will be received by the Fresno City Council, H. S. Foster, City Clerk, City Hall, for furnishing one power controlled motor grader, with 12-foot blade and scarifier, without cab; with long front axle; weight not less than 16,500 lbs.; f.o.b. Fresno.

Specifications obtainable from the above office.

**BIDS WANTED**

**REDDING, Calif.**—Until June 18, 11 a. m., bids will be received by the State Division of Highways, F. W. Hazelwood, District Engineer, Redding, for the sale of sixty-nine buildings and one lot of scrap iron and steel, located at Prison Camp no. 30, about 30 miles east of Oroville, on the Feather River State Highway, used in connection with highway construction.

Further information obtainable from above office.



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## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1.—Bridges                        | 30.—Reservoirs and Dams       |
| 2.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Wells      |
| 3.—Irrigation Proj.               | 32.—Sewers & Sewage Equipment |
| 4.—St. Light Systems              | 33.—Water Works               |
| 5.—Machinery and Equipment        | 34.—Parks & Play grounds      |
| 6.—Railroads                      | 35.—Tunnels                   |
| 7.—Fire Alarm Syst.               |                               |
| 8.—Fire Equipment                 |                               |
| 9.—Streets & Highways             |                               |

## 21— BRIDGES

## COMPLETE BIDS

**SAN LUIS OBISPO CO., Calif.**—Valley Const. Co., San Jose, at \$5820 submitted the low bid to the State Division of Highways, L. H. Gibson, District Engineer, 5 Figueroa St., San Luis Obispo, for the construction of a bridge across Arroyo Laguna, in San Luis Obispo County, about two miles north of San Simeon.

The work involves:

- (1) 35 c.y. structural excavation;
- (2) 24 MBM Douglas fir timber, in place;
- (3) 4 MBM redwood timber, DSAH struc. grade, in place;
- (4) 600 lbs. struc. metal, in place;
- (5) 1165 lf. Douglas fir piles;
- (6) 31 each driving do.

Total bids follow:

- (A) Valley Const. Co., San Jose, \$582.  
 (B) F. C. Stoltz Co., San Simeon, \$5,965.55.  
 (C) F. O. Bennett, Campbell, \$6,188.

Unit bids follow:

	(A)	(B)	(C)
(1)	\$ 3.00	\$ 4.00	\$ 3.50
(2)	115.00	122.00	120.00
(3)	130.00	189.00	210.00
(4)	15	15	25
(5)	1.00	.51	.50
(6)	40.00	48.00	53.00

## BIDS OPENED

**SONOMA, Sonoma Co., Cal.**—R. C. Lande, Sonoma, at \$1600, submitted the low bid to the Sonoma City Council, Elsie A. Gottenberg, City Clerk, City Hall, for the construction of a reinforced concrete bridge in Third St. East, near East Napa Street.

Total bids follow:

R. C. Lande, Sonoma, \$1600  
 Brown & Lambretti, Mill Valley 1791  
 Bids taken under advisement. Action to be taken on award of contract at Council meeting June 16.

## BIDS WANTED

**TUOLUMNE AND ALPINE COS., Calif.**—Until June 29, 2 p.m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 5848 mi. grading and construction of bridges and approaches on Section A of Route 87, the Charlie Park National Forest Highway, Stanislaus National Forest, Tuolumne and Alpine Counties.

The work involves:

- (1) 36 A. clearing;
- (2) 38 A. grubbing;
- (3) 134,950 c.y. unclass. excav.;
- (4) 1,724 c.y. unclass. excav. for structures;
- (5) 51,000 sta. yds. overhaul;
- (6) 5 1/2 mi. finished earth graded road;
- (7) 907 c.y. concrete;
- (8) 140,000 lbs. reinf. steel;

- (9) 71,000 lbs. structural steel;
- (10) 0.82 MFEM untreated timber;
- (11) 430 c.y. class B cement stone masonry;
- (12) 73 c.y. cement rubble masonry;
- (13) 35 c.y. dry rubble masonry;
- (14) 270 c.y. loose rock retaining wall;
- (15) 3,896 lf. GSPM;
- (16) 2 each, type A spillway inlets;
- (17) 226 lf. 8-in. perforated CSMSP underdrain;
- (18) 75 sq. yds. mortar backfill seal;
- (19) 6 each, drop inlets—18-in.;
- (20) 1000 lbs. bronze bearing plates;
- (21) 55 c.y. culvert markers;
- (22) 4 each, guide posts.

Plans and specifications obtainable from the office of C. H. Sweetser, District Engineer, Bureau of Public Roads, Federal Office Bldg., San Francisco, upon deposit of \$10.

## BIDS WANTED

**PINAL COUNTY, Arizona.**—Until June 22, 10:30 A. M., bids will be received by the State Highway Commission, T. S. O'Connell, State Highway Engineer, 17th Ave. and Jackson St., Phoenix, for construction of an overpass structure and approaches on the Florence-Tucson highway, about 8 miles west of Florence and 1/4 mile east of junction near Casa Grande Ruins, WCH 94-B.

The work involves:

- (1) 65,900 c.y. imported borrow;
- (2) 1300 c.y. selected material;
- (3) 1600 M gals. sprinkling;
- (4) 633 hours rolling;
- (5) 295 c.y. Class A concrete;
- (6) 32,000 lbs. reinf. steel;
- (7) 49,930 lbs. struc. steel;
- (8) 448 ft. 8-in. CMP;
- (9) 66 ft. 42-in. bit. coated CMP;
- (10) 12 C M catchbasins;
- (11) 5400 ft. line fence;
- (12) 2600 lf. guard rail;
- (13) 800 lf. reconstruct road guard;
- (14) 648 lf. steel piles (furnish and deliver, 8x8-in. H-column);
- (15) 18 each driving piles (do);
- (16) 480 lf. steel piles (furnish and deliver 10x10-in. H-column);
- (17) 10 each driving piles (do);
- (18) 1100 tons plant-mix;
- (19) 45 tons MC-1 cutback asphalt;
- (20) 24 tons emuls. asphalt (Class A)
- (21) 170 tons screenings;
- (22) 28 tons MC-2 cutback asphalt.

Plans and specifications obtainable from above office.

## CONTRACT AWARDED

**PLUMAS COUNTY, Calif.**—S. D. Bechtel, 155 Sansome St., San Francisco, at \$17,750.50 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge across Spanish Creek, one-half mile north of Quincy, Plumas County, consisting of two 30- and six 40-ft. spans.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento : California

## CONTRACT AWARDED

**SAN LUIS OBISPO CO., Calif.**—Valley Constr. Co., San Jose, at \$5820, awarded contract by the State Division of Highways, L. H. Gibson, District Engineer, 5 Figueroa St., San Luis Obispo, for the construction of a bridge across Arroyo Laguna, in San Luis Obispo County, about two miles north of San Simeon.

## BIDS WANTED

**DEL NORTE COUNTY, Calif.**—F. O. Bennett, Campbell, at \$36,644.50 submitted the only bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Myrtle Creek, about ten miles north of Crescent City consisting of eighteen 15-foot slab spans on an open spandrel arch and concrete bents and abutments, and 232 mi. of roadway, grade, and treating with asphalt.

The work involves:

- (1) 17 miles clear and grub;
- (2) 85 M gals. water;
- (3) 2,500 c.y. rdwy. excav., unclass.
- (4) 150 c.y. stripping;
- (5) 500 c.y. struc. excav.;
- (6) 60 c.y. ditch and channel excavation;
- (7) 5,100 sta. yds. overhaul;
- (8) 1531 sta. finishing rdwy.;
- (9) 8 tons liquid asphalt SC-1/1 (prime coat);
- (10) 4.5 tons do. 90-95 (Seal Coat);
- (11) 51 tons screenings (sand coat);
- (12) 152,000 lbs. bar reinf. steel;
- (13) 600 c.y. Class A Portland cement concrete (struc.);
- (14) 131 c.y. do. (arch, ribs, struc.);
- (15) 19.5 c.y. do. (trailing);
- (16) 1 each concrete headwall move and reset;
- (17) 52 lf. existing 30-in. CMP removed, cleaned and relaid;
- (18) 30 lf. 8-in. CMP;
- (19) 2 each spillway assemblies;
- (20) 7 each bridge deck drains;
- (21) 28 each guide posts;
- (22) 2 each culvert markers;
- (23) 2 each clearance markers;
- (24) 1 only existing bridge removed and disposed of;
- (25) 1 lot misc. items of work.

Unit bid follows:

(1)	\$ 100.00	(2)	\$ 10
(3)	5.00	(4)	2.5
(5)	1.00	(6)	15.0
(7)	.02	(8)	2.0
(9)	30.00	(10)	40.0
(11)	12.00	(12)	0
(13)	36.00	(14)	36.0
(15)	65.00	(16)	25.0
(17)	1.50	(18)	2.0
(19)	25.00	(20)	35.0
(21)	2.00	(22)	2.0
(23)	12.00	(24)	600.0
(25)		(25)	1400.00

## BIDS WANTED

**ERN CO., Calif.**—Until June 21, a.m., bids will be received by the County Board of Supervisors, F. I. Smith, Clerk, Court House, Baker, field, for construction of a timber bridge over Bearley Canal, County Road No. 847-E.

The work involves:

- (1) 285 c.y. structural excav.;
- (2) embankments;
- (2a) 7,344 MFEM Douglas fir lumbe
- (2b) 22,232 MFEM Redwood lumbe
- (3) 2 fire barrels.

Plans and specifications obtainable at the above office.

## LOW BIDDER

**ELDORADO CO., Calif.**—Hect Wilkinson, Placerville, at \$1490, submitted the low bid to the Eldorado County Board of Supervisors, A. J.

oletzke, Clerk, Court House, Placerville, for the construction of a reinforced concrete bridge across Tennessy Creek in the Green Valley road, near Egger's. Three bids were received. Complete bids will follow shortly.

## 2—DREDGING HARBOR WORKS, EXCAVATION

### BIDS OPENED

**SAN DIEGO, Calif.**—Following bids are submitted to the Public Works Officer, 11th Naval District, foot of San Diego, San Diego, for replacement of target pier and dredging at aaval Operating Base (Fuel Depot) in San Diego; Spec. No. 8459. Work consists of replacement of existing mber target repair pier.

### The work involves:

- (1) exclusive of electric work and dredging;
- (2) deduction for omission of stiff leg derrick, hoist and elec. motor
- (3) electric work complete;
- (4) electric work complete if awarded as addition to Item No. 1;
- (5) dredging areas A, B and C as separate contract;
- (6) dredging areas A and B as separate contract;
- (7) dredging areas A, B and C if awarded as addition to Item 1;
- (8) dredging areas A and B if awarded as addition to Item No. 1.

Complete bids follow:  
Shannahan Bros., (1) \$29,949; (2) \$500; (4) \$3750; (7) \$12,352; (8) \$9,252.  
Hill Electric Co., (3) \$3300.  
M. H. Golden, (1) \$28,295; (2) \$5,000; (4) \$3478; (7) \$14,210; (8) \$12,210.  
Case Constr. Co., (1) \$31,201; (2) \$500; (4) \$4500.  
Newport Dredging Co., (5) \$13,000; \$11,500.

Hull, Smale & Robinson: (1) \$25,000; (2) \$5375; comb. bids.: 1, 4, and \$42,540; 1, 4 and 6, \$40,525; 1, 4 and 6, \$37,170; 1, 4 and 6, \$35,145.

Rich Dawson: (1) \$19,939.42; (2) \$29; (3) \$3794; (4) \$3794; (5) \$14,000; (6) \$11,850; (7) \$14,000; (8) \$11,000.  
Lipscomb & Barclay: (1) \$22,302.50; \$7990; (4) \$3375.  
V. J. Dennis Const. Co.: (1) \$22,500; (2) \$5600; (4) \$3800.  
Pan-Pacific Piling & Const. Co.: (1) \$25,700; (2) \$7050.

### BIDS WANTED

**PEARL HARBOR, T. H.**—Until July 14, H. A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8437, for dredging at the 14th Naval District, Pearl Harbor.

Estimated cost of the work is \$1,000,000. Plans and specifications obtainable from office of Commandant, 12th Naval Dist., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$25.00.

### CONTRACT AWARDED

**OAKLAND, Calif.**—The American Hedging Co., 255 California St., San Francisco, at \$0.40 per cubic yard, awarded the contract by the Oakland Port Commission, for dredging approximately 10,000 cu. yd. of material in slips adjacent to Howard Terminal Piers Nos. 1 and 2, and the Market St. Pier, Oakland Inner Harbor.

## CANALS

### BIDS WANTED

**ALT RIVER PROJECT, Ariz.**—Until June 24, 10 a. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Mulzer Bldg., Phoenix, Ariz., un-

der Spec. No. 937-D, for construction of earthwork, canal lining, and structures, Roosevelt power canal and additions to the diversion dam, Salt River Project, Arizona. Location of work, about 20 mi. northwest of Globe, Arizona.

- The work involves:
- (1) 16,000 cu. yd. of excav. for canal;
  - (2) 320 cu. yd. excav. for canal structures;
  - (3) 2,500 cu. yd. of excav. for additions to diversion dam;
  - (4) 80 cu. yd. of excav. of existing concrete;
  - (5) 5,300 sq. yds. of trimming canal sections for concrete lining;
  - (6) 1,950 cu. yd. of backfill about structures;
  - (7) 1,230 cu. yd. of concrete in canal structures and spillway apron;
  - (8) 450 cu. yd. of concrete in canal lining;
  - (9) 70 cu. yd. of concrete in tunnels;
  - (10) 6,200 cu. ft. of granite;
  - (11) 100 sq. yds. of dry-rock paving;
  - (12) 160,000 lbs. of reinf. bars, in place;
  - (13) 1 MFEM of timber in structures, erected;
  - (14) 2,100 lf. of holes for anchors and grouting anchors, in place;
  - (15) 6,520 lbs. of gate hoists, installed;
  - (16) 18,000 lbs. of miscellaneous.
- Plans and specifications obtainable from the above office.

### CONTRACT AWARDED

**YAKIMA PROJECT, Wash.**—H. J. Adler Constr. Co., P. O. Box 166, Caldwell, Idaho, at \$175,137, was awarded the contract by the Bureau of Reclamation, Yakima, Chas. E. Crowover, Construction Engineer, under Spec. No. 729, for the construction of earthwork, bench line, canal lining, and structures. Sta. 721 plus 35 to Sta. 504 plus 74.35 and Sta. 942 plus 00 to Sta. 1120 plus 00, Yakima Ridge Canal, Roza Division, Yakima Project.

### BIDS WANTED

**ALL-AMERICAN CANAL.**—Until June 22, 10 a. m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Arizona, for construction of the Pilot Knob check and wasteway, station 1093 plus 92, All-American Canal, Boulder Canyon Project, Arizona-California, Nevada. Location of work about 5 miles west of Yuma.

- The work involves:
- (1) 597,600 cu. yd. of excav.;
  - (2) 500 cu. yd. of compacted fills;
  - (3) 440 cu. yd. of reverse filters;
  - (4) 37,000 cu. yd. of backfill;
  - (5) 7,810 cu. yd. of concrete in structure, except floor slabs;
  - (6) 4,560 cu. yd. of concrete in floor slabs;
  - (7) 1720 sq. yds. of dry-rock paving;
  - (8) 2,100 cu. yd. of riprap;
  - (9) 1,830,500 lbs. of reinforcement bars, in place;
  - (10) 6,285 lf. of rubber water stops, installed;
  - (11) 5,840 sq. ft. of elastic joint-filler material, installed;
  - (12) 700 lf. of 6-in. diam. sewer-pipe drains;
  - (13) 750 lf. of 6-in. diam. cast-iron pipe drains;
  - (14) 8,000 lbs. of structural steel in railroad bridge, erected;
  - (15) 12 MFEM of timber in railroad bridge, erected;
  - (16) 8 MFEM of timber railings;
  - (17) 928,900 lbs. of metalwork, installed;
  - (18) 8,600 lf. of electrical metal conduit, installed;
  - (19) 500 lbs. of electrical conductors, installed;
  - (20) 4,000 lbs. of electrical apparatus, installed.
- Plans and specifications obtainable

from the above office.

### BIDS OPENED

**ALL-AMERICAN CANAL.**—Bennett & Taylor, 1041 Venice Blvd., Los Angeles, at \$64,425.40 submitted the low bid to the Bureau of Reclamation, R. B. Williams, Construction Engineer, Federal Bldg., Yuma, Ariz., under Spec. No. 728, for the construction of structures, All-American Canal, Station 3825 plus 80 to Sta. 4242 plus 85, the All-American Canal System, Boulder Canyon Project.

### Total bids were:

Dan Teters & Co., Inc., Riverside ..... \$64,654.50  
Atlas Const. Co., Pasadena, 77,746.55  
Hoagland Engr. & Const. Co., Long Beach ..... 85,171.35  
Dennis Const. Co., San Diego 86,540.00  
Sharp & Fellows Const. Co., Los Angeles ..... 92,744.90

### CONTRACT AWARDED

**POTHOLES, Calif.**—Carnegie Illinois Steel Corp., Denver, at \$10,304.95 awarded the contract by Bureau of Reclamation, Denver, for furnishing steel sheet piling for use on the Gila Valley Canal deslting works, Gila Project, Ariz. Spec. No. 24,555-A.

## 25—MACHINERY AND EQUIPMENT

### BIDS OPENED

**SAN MATEO AND SANTA CRUZ COS., Cal.**—F. A. Lance, San Jose, at \$3.17 per hour, submitted low bid to the State Division of Highways, Col. J. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one  $\frac{3}{4}$ -yard power shovel (crawler type) equipped with convertible boom and  $\frac{3}{4}$ -yard clamshell attachment, for use in San Mateo and Santa Cruz counties for approximately 1600 hours.

Other bids were: Rock & Gravel Trucking Co., Oakland, \$4.40; Crane & Cox, Healdsburg, \$3.74; Lowrie Paving Co., San Francisco, \$7.1; Harrison & Harrison, Alameda, \$4.38; Robert Metcalf, Los Angeles, \$5.90; C. Mankel, Sacramento, \$4.21; A. Soda & Son, Oakland, \$4.38; J. P. Breen Sacramento, \$5.20; E. J. Keeble, Jr., San Jose, \$4.00. Bids taken under advisement.

### BIDS OPENED

**SANTA CLARA AND SANTA CRUZ COS., Cal.**—Circle Truck Co., Los Angeles, at \$2.12 per hour, submitted low bid to the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of four pneumatic tired dump trucks for approximately 1200 hours, for use in Santa Clara and Santa Cruz counties. Complete bids will be published shortly.

### BIDS OPENED

**SANTA CLARA AND SANTA CRUZ COS., Calif.**—Pacific Truck Service, Inc., San Jose, at \$5.00 per hour submitted low bid to the State Division of Highways, Col. J. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one pneumatic tired oil distributor for approximately 300 hours, for use in Santa Clara and Santa Cruz Cos. Other bids were: Lee J. Immel, Berkeley, \$5.70 per hour; and C. Mankel, Sacramento, \$7.50 per hour. Bids taken under advisement.

### CONTRACT AWARDED

**SHOSHONE RES., Nev.**—Parish Bros., 1222 N. Gover St., Hollywood, at \$30,410 were awarded contract by the U. S. Indian Irrigation Service, Los Angeles, for construction of earthen diversion dam and canal on Owyhee River at Shoshone Reservation near Owyhee. FP 205.

## BIDS OPENED

MARIN AND SONOMA COS.—J. A. Lawlor, San Francisco, at \$3.67 per hour, submitted low bid to the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one 7-ton 3-wheel power roller for approximately 300 hours, for use in Marin and Sonoma counties. Only other bidder was A. Soda & Son, Oakland, at \$3.30.

## BIDS OPENED

MARIN & SONOMA COS.—Cornell Tractor Co., Salinas, at \$3.75 (one truck only), submitted low bid to the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of two pneumatic tired power graders for approximately 600 hours, to be used in Marin and Sonoma counties.

Complete bids were: Cornell Tractor Co., Salinas (one only), \$3.75; A. Soda & Son, Oakland, \$4.90; E. A. Ford, San Anselmo, \$5.00; Griffiths Trucking Co., Bakersfield, \$5.00; R. A. Farris, San Francisco, \$5.00 for one and \$5.07 for one; C. Manke, Sacramento, \$5.11; Chas. L. Harney, San Francisco, \$5.25 (one only); Robinson & Rutofson, Headsburg, \$5.75; Rock & Gravel Trucking Co., Oakland, \$5.92. Bids taken under advisement.

## BIDS OPENED

EUREKA.—Circle Truck Co., 1824 Glendale Blvd., Los Angeles, at \$2.12 per hour, submitted low bid to the State Division of Highways, Eureka, for rental of two only 3-yd. dump trucks for not more than 700 hours each. Trucks to be used at any required location in District I. Complete bids follow:

Circle Truck Co., Los Angeles—\$2.12.  
Paul Entremont, Colusa—\$2.43.  
W. L. Morgan, Pasadena—\$2.43.  
John Vance, Eureka—\$2.43.  
A. Morton, Jr., Menlo Park—\$2.43.  
Asa Moran, Los Angeles—\$2.43.  
Dewar's Express, Eureka—\$2.43.  
C. J. Carroll, San Francisco—\$2.43.  
W. E. Sinclair, Miranda—\$2.43.  
Rock & Gravel Trucking Co., Inc., Oakland—\$2.43.  
R. M. Taylor, Cottonwood—\$2.43.  
W. K. Walker, San Francisco—\$2.43.  
Chas. Burnside, Glendale—\$2.43.  
K. T. Dowdy, San Francisco—\$2.43.  
G. R. Starkenburg, Los Angeles—\$2.43.  
J. Starkenburg, Los Angeles—\$2.43.  
C. E. Huls, Merced—\$2.43.  
Ashurst Bros. & W. E. Sinclair, Hopland—\$2.43.  
Hayward Bldg. Supply Co., Hayward—\$2.48.  
Wm. Kern, Weott—\$2.68.  
Volpa Bros., Fresno—\$3.00.  
H. DeWitt, Campbell—\$3.00.

## BIDS OPENED

LAKE AND MENDOCINO COS., Cal.—Garra Const. Co., P. O. Box 37, Irvington, at \$3.50 per hour, submitted the low bid to the State Division of Highways, 546 West Wabash Ave., Eureka, for the rental of one 2000-gal. insulated tank truck, equipped with trailer draw bar, for not more than 200 hours' use in Lake and southern Mendocino counties.

Complete bids follow:

Garra Const. Co., Irvington	per hr.
Portola Truck Service, S. F.	3.50
Basalt Rock Co., Eureka	3.60

## 29—STREETS AND HIGHWAYS

## CONTRACT AWARDED

ELKO COUNTY Nevada, E. L. Oakley, 16822 Walloway Ave., Los Angeles, at \$172,345.40 (Proposed)

work complete) awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for 7,554 miles grading on Sections A and B of Route 18, the Owyhee River National Forest Highway, Humboldt National Forest, Elko County.

## BIDS WANTED

YAKIMA CO., Wash.—Until June 23, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Oregon, for grading approx. 0.8633 ml. on the Randle-Yakima Highway (east side), Grading Project 13-U, National Forest Road Project, Snoqualmie National Forest, Yakima Co. The work involves:

- (1) 10 A. clearing;
- (2) 7 A. grubbing;
- (3) 121,075 cu. unclass. excav.;
- (4) 15,000 sq. yds. special overhaul;
- (5) 420 lf. 18-in. bit. coated corrug. sheet metal pipe, Type 1.

Plans and specifications obtainable from the office of W. H. Lynch, District Engineer, at above address upon deposit of \$10.

## CONTRACT AWARDED

SISKIYOU and Shasta Cos., Cal.—Homer G. Johnson, 708 Imperial Hotel Bldg., Portland, Oregon, at \$80,688.50 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing surface course and bituminous treatment on Sections D and E of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta counties, a length of 16.16 miles.

## BIDS OPENED

WHATCOMB CO., Wash.—L. R. Boninger Engineering Corp., 1300 Dearborn St., Seattle, at \$45,228, submitted the only bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 4,618 ml. of surfacing on the Mt. Baker Highway Reconstruction Surfacing and Bituminous Surf. Treatment Project 6-48, National Forest Road Project, located within the Mt. Baker National Forest, Whatcomb County.

## BIDS WANTED

LANE CO., Ore.—Until June 23, 10 a. m., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., for grading 0.740 miles, surfacing 2.721 miles, and advance clearing 0.314 ml. on the Willamette Highway Grading, surfacing, and advance clearing project 21-142, J. K. National Forest Road Project, Lane County, Oregon.

- The work involves:
- (1) Lump sum, extra and miscel. force account work;
  - (2) 5 A. clearing;
  - (3) 10 A. grubbing;
  - (4) 271,500 cu. unclass. excav.;
  - (5) 11,000 cu. y. heavy gravel base course;
  - (6) 26 cu. y. class A concrete;
  - (7) 300 lf. culvert (all);
  - (8) 420 lf. 18-in. bit. coated corrug. sheet metal pipe, Type 1;
  - (9) 1,000 lf. 8-in. bit. coated per. corrug. sheet metal pipe under-drain, Type 2;
  - (10) 120 lf. exploration tunnels.

Plans and specifications obtainable from the above office upon deposit of \$10.

## CONTRACT AWARDED

CONTRA COSTA CO., Cal.—Fredrickson & Watson Construction Co. and Frederickson Bros., 873 81st Ave., Oakland, at \$26,613.40, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.5 miles sur-

facings with plant-mixed surfacing and constructing shoulders of crusher run base and applying oil treatment thereto, in Contra Costa Co., between Walnut and 3.5 miles north-erly.

## CONTRACT AWARDED

ALAMEDA CO., Calif.—Jones & King, Jackson St., Hayward, at \$23,173.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.2 miles surfacing with plant-mixed surfacing, constructing shoulders of crusher run base, and applying oil treatment thereto, in Alameda County, between Warm Springs and Irvington.

## CONTRACT AWARDED

COLUSA, Yolo and Butte Cos., Cal.—E. A. Ford, 640 First Francisco Drake Blvd., San Alamo, at \$9,176.75, awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying penetration oil treatment on about 2.5 miles in Colusa, Yolo and Butte Counties, between Route 15 and Madison and between Oroville and West Branch of Feather River.

## BIDS WANTED

FRANCISCO, Calif.—Until June 16, 2:30 p. m., bid will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19014, for the construction of sidewalks on California Street, between Tenth Ave. and 105 feet east, and numerous other locations. Work involves 13,000 square feet of two-course concrete sidewalk.

Plans and specifications obtainable from office of City Engineer John J. Callahan, Room 351, City Hall. No deposit required.

## BIDS OPENED

STATE OF OREGON.—Following bids were received by the Oregon State Highway Commission, 1000 Baldoak State Highway Engineer, Auditorium, Public Service Building, Portland, for highway and bridge construction: Clatsop County: Bridge over Quartz Creek on Elsie; Nehalem River Section of the Wolf Creek Highway. Requires approximately 2,400 cu. y. excav.; 240,000 lbs. steel piling; 1,030 cu. y. concrete; 1,184,000 lbs. structural steel; 160 cu. y. rubble masonry, and 1,750 lf. steel hand-rail.

Awarded: L. H. Hoffman Constr. Co., 715 SW Columbia, Portland, at \$159,234.00.

Deschutes County: Horse Ridge Bridge Section of Central Oregon Highway: 16.09 miles regrading; 19.88 miles surfacing; 4.63 miles road-mix surfacing; 412 miles dust palliative oil treatment; and 20.88 miles asphalt prime coat. Requires approx. 80,000 cu. y. excav.; 51,500 cu. y. pit-run gravel surfacing materials; 5,500 cu. y. crushed gravel aggregates; and 1,134 tons bituminous cement.

Awarded: McNutt Bros., Eugene, at \$91,556.00.

Deschutes County: McKenzie Pass-Little Butte Section of McKenzie Highway: 80 miles oil mat surface treatment (Type 0-8, modified).

Awarded: G. Gerber, Oregon City, at \$12,501.00.

Jackson County: Phoenix - Bear Creek Section of Pacific Highway: 342 miles grading and Portland cement concrete bridge. Requires approximately 110,000 cu. y. excav.; 217 cu. y. structural concrete; 33,600 lbs. metal reinforcement; 80 lf. concrete handrail; 23,000 cu. y. pit-run gravel materials; 500 cu. y. crushed materials; 14,300 sq. yds. Portland

cement concrete pavement; and 11,000 sq. yds. oil mat surface treatment.

**Low Bidder—**Jacobsen-Jensen Co., 517 N. Stanton St., Portland, at \$159,771.50.

**Jefferson County:** Miller Flat-Agency Section of Warm Springs Highway; 2.14 miles grading, requiring approximately 155,000 c.y. excav.; 40 c.y. concrete; and 6,500 lbs. metal reinforcement.

**Awarded:** Andersen Construction Co., 60th St. NE, Portland, at \$56,849.90.

**Tillamook County:** Bridge over Short Sand Beach Creek on the Short Sand Beach Creek Section of the Oregon Coast Highway. Requires approximately 120 c.y. excav.; 280 c.y. concrete; 59,000 lbs. metal reinforcement; and 260 lf. concrete handrail.

**Awarded:** E. W. and W. F. Phillips, Portland, at \$12,136.00.

**Washington County:** Concrete overcrossing structure over Southern Pacific Company's tracks and 0.306 mi. highway roadbed near Cook Station on the West Portland-Hubbard Highway. Requires approximately 60,620 c.y. excav.; 480 c.y. concrete; 76,000 lbs. metal reinforcement; and 300 lf. concrete handrail.

**Yamhill County:** McMinnville Section of Pacific Highway West; 2.05 miles grading and Portland cement concrete pavement, and 0.45 miles asphaltic concrete pavement. Requires approximately 43,000 c.y. excavation; 290 c.y. concrete curbs and gutters; 16,300 c.y. crushed rock or crushed gravel; 26,300 sq. yds. Portland cement concrete pavement; 2,100 sq. yds. Portland cement concrete base; and 12,000 sq. yds. asphaltic concrete pavement.

**Awarded:** Jacobsen-Jensen, 517 N. Stanton St., Portland, at \$106,271.50 (using road oil).

**BIDS OPENED**  
**SACRAMENTO, Calif.**—Following bids were submitted to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 46th Street, from R to T Streets.

The work involves:

- (1) 290 c.y. excav.;
- (2) 2 yds. backfill;
- (3) 145 1/2 lf. conc. gutter, cut No. 6;
- (4) 21 lf. conc. curb;
- (5) 38 lf. curb and gutter to remove;
- (6) 30 lf. curb and gutter to construct;
- (7) 1 manhole to reconstruct;
- (8) 2 manholes to construct;
- (9) 2 gutter drains to place, Type B;
- (10) 19 lf. 6-in. vit. iron drain pipe;
- (11) 388 tons crusher run base;
- (12) 283 tons asphaltic conc. top course.

Unit bids were submitted. No totals have been announced.

- (A) J. R. Reeves, Sacramento.
- (B) A. Teichert & Son, Inc., Sacramento.
- (C) McGilvray Constr. Co., Sacramento.

	(A)	(B)	(C)
(1)	\$12.50	\$11.00	\$10.00
(2)	50	50	75
(3)	1.35	1.20	1.10
(4)	1.05	.90	1.10
(5)	20	40	50
(6)	80	100	65
(7)	80	20	20
(8)	60.00	55.00	52.50
(9)	8.00	7.50	7.00
(10)	75	1.00	.80
(11)	2.25	2.25	2.20
(12)	6.20	5.95	6.45

**CONTRACT AWARDED**  
**KERN CO., Calif.**—Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at \$17,110.60, awarded contract by the

State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.8 mile grading, applying road-mix surface treatment, and constructing a timber bridge, in Kern County, east of Monolith.

**CONTRACT AWARDED**  
**MENDOCINO COUNTY, Calif.**—Hemstreet and Bell, 501 11th Street, Marysville, at \$35,723, awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.1 miles grading and surfacing with plant-mixed surfacing in Mendocino County between Sapp Creek and Pepperwood School.

**CONTRACT AWARDED**  
**SIERRA & NEVADA COS., Calif.**—Claude C. Wood and Frank Marks, P. O. Box 1714, Stockton, at \$75,223.90 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for placing base and surface courses on 7.948 miles of Sections B and C of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada counties.

**CONTRACT AWARDED**  
**MONTEREY CO., Calif.**—Leo A. Brisco, P. O. Box 656, Arroyo Grande, at \$33,201, awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment and seal coat to shoulders and Class pavement, on about 25.7 miles in Monterey County between San Ardo and King City, and between Santa B seal coat to portions of existing Rita and the northerly boundary.

**BIDS OPENED**  
**MONTEREY CO., Calif.**—Granite Constr. Co., Ltd., Watsonville, at \$29,247, submitted the low bid to District Engineer L. H. Gibson, State Division of Highways, 500 Highways Bldg., San Luis Obispo, for about 1.3 miles surfacing with plant-mixed surfacing in Monterey County, at various locations between Greenfield and Salinas River.

The work involves:

- (1) 15,25 tons mineral aggregate, in place;
- (2) 50 tons liquid asphalt, ROMC-3 or ROMC-4, in place;
- (3) 16,100 sq. yds. asphaltic paint binder, in place.

Unit bids follow:

(1)	5.96
(2)	15.00
(3)	.03

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Pay Improvement Co., Inetal Bldg., at \$1,154,110 awarded contract by Department of Public Works, City Hall, under Spec. No. 19,035 for reconstruction of pavement on Noriega St. between 10th and 11th Avenues.

**BIDS WANTED**  
**UMATILLA COUNTY, Ore.**—Until June 16, 10 A. M., bids will be received by Bureau of Public Roads, 310 S. West Office Bldg., Portland, for improving 7,104 miles of the Pendleton-John Day Highway Reconstruction, Grading and Surfacing Project 33-A1, National Forest Road Project, Umatilla County, Oregon.

The work involves:

- (1) 51,200 c.y. unclass. excav.;
- (2) 115,000 sta. yds. special overhaul;
- (3) 2,700 c.y. ml. special overhaul;
- (4) 49,500 tons heavy base course;
- (5) 7,500 c.y. surfacing, salvaged and replaced;
- (6) 9,000 tons crusher run top course;
- (7) 2,000 units watering;

- (8) 275 tons cutback asphalt MC-2 grade for prime coat;
  - (9) 10.5 MFEM treatd lumber, creosote preservative, inc. bridge iron;
  - (10) 776 lf. corrugated galv. sheet metal pipe (extension).
- Plans and specifications obtainable from the above office upon deposit of \$10.00.

**BIDS OPENED**  
**TUOLUMNE CO., Calif.**—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$106,153.10, submitted the low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Bldg., San Francisco, for 2,107 miles grading and placing subgrade reinforcement on Section A2 of Route 4, Tioga Rd., Yosemite National Park, Tuolumne County.

- The work involves:
- (1) Misc. clearing—extra work;
  - (2) 43,000 c.y. unclass. excav.;
  - (3) 750 c.y. unclass. excav. for structures;
  - (4) 5,500 c.y. sod excav.;
  - (5) 11,600 c.y. unclass. excav. for borrow;
  - (6) 60,000 sta. yds. overhaul;
  - (7) 15,700 c.y. miles haul;
  - (8) 12 lf. 8-in. asphalt dipped CGMP;
  - (9) 848 lf. 18-in. do.;
  - (10) 424 lf. 24-in. do.;
  - (11) 46 lf. 30-in. do.;
  - (12) 70 lf. 30-in. do.;
  - (13) 1 each, Type A spillway inlet, in place;
  - (14) 5 c.y. Class A concrete;
  - (15) 200 lbs. reinf. steel;
  - (16) 44 c.y. masonry;
  - (17) 3 each, cast steel gates.
- Total bids follow:

	(A)	(B)
(A) Granfield-Farrar & Carlin, S. F.	\$106,153.10	
(B) United Concrete Pipe Corp., Los Angeles	118,801.00	
(1)	\$500.00	\$500.00
(2)	1.80	2.10
(3)	5.00	2.50
(4)	1.00	1.00
(5)	.70	.90
(6)	.02	.02
(7)	.20	.20
(8)	1.30	1.00
(9)	2.50	2.00
(10)	3.75	4.00
(11)	5.00	6.00
(12)	12.00	10.00
(13)	20.00	20.00
(14)	40.00	40.00
(15)	10	.08
(16)	30.00	25.00
(17)	50.00	30.00

Bids taken under advisement.

**BID CORRECTION**  
**TULARE CO., Calif.**—Until June 30, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento (Inetal State Bldg., Los Angeles, as previously reported), for surfacing with armor coat and applying road-mix surface treatment to shoulders on about 10.5 miles of highway between Visalia and Stafford's Corner (VI-Tol-123-129-A), in Tulare County.

The work involves:

- (1) 10,000 sq. yds. preparing, mixing and shading shoulders;
- (2) 250 tons liquid asph., SC-4 (shoulders);
- (3) 1,000 tons screenings (armor coat);
- (4) 190 tons liquid asph., 90-85 (do.).

Plans and specifications obtainable from above office.

**BIDS OPENED**  
**PILGRIM COUNTY, Calif.**—Friedman & Westwood, P. O. Box 178, Lower Lake, at \$27,001.50, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg.,

Sacramento, for about 16.1 miles of surfacing with road-mix surfacing and applying seal coat thereto, in Plumas County between the Feather River Inn and Beckwourth.

- The work involves:
- (1) 8,200 cu. ym. aggregate;
  - (2) 470 tons Hg. asphalt, ROMC-3 or ROMC-4 (surfacing);
  - (3) 156 tons oil (seal coat);
  - (4) 1,180 cu. yd. sand (seal coat).

- Total bids follow:
- (A) Froelichsen & Westbrook, Lowell, Geo., \$7,004.00.
  - (B) Geo. French, Jr., Stockton, \$45,820.00.
  - (C) Haims Bros., Redfield, \$46,466.
  - (D) Pacific States Const. Co., San Francisco, \$46,636.00.
  - (E) A. Soda & Son, Oakland, \$49,389.00.
  - (F) E. A. Forde, San Anselmo, \$51,470.00.

- Unit bids follow:
- | (A) | (B)    | (C)    | (D)    | (E)    | (F)    |
|-----|--------|--------|--------|--------|--------|
| (1) | \$2.57 | \$3.40 | \$3.25 | \$3.49 | \$3.70 |
| (2) | 21.00  | 22.00  | 20.00  | 25.00  | 22.50  |
| (3) | 20.00  | 23.00  | 20.00  | 25.00  | 22.50  |
| (4) | 2.90   | 3.40   | 3.00   | 2.50   | 2.35   |

#### CONTRACT AWARDED

PLUMAS COUNTY, Cal.—Hayward Building Material Co., Atherton and Jackson Sts., Hayward, has awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for applying seal coat on about 20 miles in Plumas County between Honey Lake and  $\frac{1}{4}$  mile south of Keddie.

#### BIDS WANTED

LEWIS CO., Wash.—Until June 15, 10 a. m., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., for improving 0.650 mi. of highway on the Randle-Yakima (West Side) Highway Grading Project 13-V, National Forest Road Project, Lewis Co., Washington.

- The work involves:
- (1) 12 acres clearing;
  - (2) 8 A grubbing;
  - (3) 89,500 cu. yd. unclass. excav.;
  - (4) 20 cu. yd. class A concrete;
  - (5) 85 cu. yd. class A cement stone masonry (walls and headwalls);
  - (6) 250 lf. extra strength reinf. concrete culvert pipe.
- Plans and specifications obtainable from the above office upon deposit of \$10.

#### COMPLETE BIDS

- COCONINO CO., Ariz.—Pearson & Dickerson, Tempe, Arizona, at \$45,724.50 submitted the low bid to the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, Arizona, by H. Sweetser, District Engineer, for 7,161 cu. yd. grading and placing a base course on Section E of route 2.
- Flag-off-Points Well National Forest Highway, Coconino Co., Ariz.
- The work involves:
- (1) 18.5 A clearing;
  - (2) 38.5 A grubbing;
  - (3) 17,800 cu. yd. unclass. excav.;
  - (4) 270 cu. yd. unclass. excav. for structures;
  - (5) 24,760 cu. yd. unclass. excav. for borrow;
  - (6) 12,000 cu. yd. class A gravel;
  - (7) 6,100 lf. ferris rod base;
  - (8) 11,150 tons 2-in. to 4-in. crushed rock or gravel (base course);
  - (9) 24 cu. yd. class A concrete;
  - (10) 3,000 lbs. reinf. steel;
  - (11) 61 cu. yd. cement rubble masonry;
  - (12) 670 lf. 15-in. corrugated galv. sheet metal pipe;
  - (13) 38 lf. 36-in. corrugated galv. sheet metal pipe;
  - (14) 250 lf. 6-in. pipe for culvert;
  - (15) 18 each, culvert markers.
- Total bids follow:
- (A) Pearson & Dickerson, Tempe, \$45,724.50.
  - (B) All-Arizona Enter. &

- Constr. Co., Clifton, \$46,307.50  
 (C) O. F. Fisher, Phoenix, \$48,202.00  
 (D) Ken Hodgman, Flag-staff, \$49,092.00

Unit bids follow:

(A)	(B)	(C)	(D)
(1)	\$245.00	\$200.00	\$250.00
(2)	108.00	30.00	125.00
(3)	.67	.90	.92
(4)	1.45	1.75	2.00
(5)	.30	.25	.24
(6)	.01	.009	.0075
(7)	.05	.06	.15
(8)	.85	1.00	.90
(9)	43.00	28.00	35.00
(10)	.10	.10	.07
(11)	20.00	20.00	21.00
(12)	3.00	3.00	3.00
(13)	6.50	7.00	7.00
(14)	.15	.10	.10
(15)	3.00	3.00	5.00

Bids taken under advisement.

#### COMPLETE BIDS

COLUSA, Yolo and Butte Cos., Cal.—E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, at \$9,196.75, submitted the low bid to the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying penetration oil treatment on about 27.5 miles in Colusa, Yolo and Butte Counties, between Route 15 and Madison and between Oroville and West Branch of Feather River.

- The work involves:
- (1) 217 tons liquid asphalt SC-3 (Location A);
  - (2) 140 tons do (Location B);
  - (3) 100 tons liquid asphalt SC-4 (Location B);
  - (4) 1,225 tons sand cover material (Location B).

- Total bids follow:
- (A) E. A. Forde, San Anselmo, \$9,196.75.
  - (B) E. F. Hilliard, Sacramento, \$9,220.20.
  - (C) Hayward Building Material Co., Hayward, \$9,472.25.
  - (D) Lee J. Immel, Berkeley, \$9,565.25.
  - (E) Garcia Const. Co., Lrvington, \$9,905.50.
  - (F) J. P. Breen, Sacramento, \$10,420.30.

Unit bids follow:

(A)	(B)	(C)
(1)	\$14.00	\$15.00
(2)	15.30	17.00
(3)	15.35	18.00
(4)	2.15	2.60
(5)		
(6)	\$16.00	\$16.50
(7)	17.00	17.00
(8)	17.50	18.00
(9)	2.85	3.00

#### CONTRACT AWARDED

TEHAMA COUNTY, Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$4,851, awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 3.8 miles of surfacing with road-mix surfacing and applying seal coat thereto, in Tehama County, between Route 86 and Morgan Springs.

#### CONTRACT AWARDED

KINGS COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$42,521, awarded the contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 8.6 miles surfacing with plant-mix surfacing and constructing borders in Kings County between Kings River Slough and Hall's Corner.

#### CONTRACT AWARDED

MODOC COUNTY, Cal.—Hanrahan Co., Hobart Bldg., Sacramento, at \$162,765, awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 10.1 miles of grading and surfacing with plant-mixed surfacing in Modoc County be-

tween 1.4 miles west of Hot Creek and Alturas.

#### BIDS OPENED

RIVERSIDE COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at \$11,089.55, submitted the low bid to the State Division of Highways, C. H. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to existing shoulders on 45.1 miles in Riverside County between Route 26 near Indio and Desert Center.

The work involves 1285 tons liquid asphalt, SC-2, in place.

- Total bids follow:
- Morgan Bros., Huntington Park, at \$8,65, total, \$11,089.55
  - Paulsen & March, Inc., at \$8.85 ton, \$11,372.25.
  - Lamb Transportation Co., at \$9 ton, \$11,565.00.
  - Gilmore Oil Co. at \$10.72 ton; \$13,775.00.

- Oilfields Trucking Co., at \$11.38 ton; \$14,623.30.
- Square Oil Co., at \$12.75 ton; \$16,383.75.

#### CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—Beerman & Jones, 919 Bank of America Bldg., Stockton, and A. R. Maestretti, Stockton, at \$57,890, awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Sacramento, for about 6.5 miles of surfacing with untreated crushed gravel or stone base and road-mix surfacing, in Tuolumne County between Stoddard Springs and McCoy Saddle.

#### BIDS WANTED

YERBA BUENA ISLAND, Cal.—Until June 14, the San Francisco Bay Exposition Co. will take bids from a selected group of contractors for the first unit of road construction on Yerba Buena Shoals.

The road will be used primarily to facilitate construction work on the Shoals, company officials announce.

#### BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until June 14, 10 A. M., bids will be received by the Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for resurfacing Del Paso Boulevard.

Plans and specifications obtainable from the office of the County Engineer, Court House, Sacramento, upon deposit of \$10.

#### BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until June 14, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Building, Sacramento, for resurfacing Rio Linda Boulevard.

Plans and specifications obtainable from the office of the County Engineer, Court House Building, upon deposit of \$10.

#### BIDS WANTED

LAKE CO., Ore.—Until June 18, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, 216 New Postoffice Bldg., Portland, Ore., for 5,633 cu. yd. grading and 4,022 cu. yd. surfacing of the Klamath Falls-Lakeview Highway, Reconstruction and Grading Project 50-B, National Forest Road Project, Fremont National Forest, Lake County, Oregon.

- The work includes:
- (1) Maint. exist. road for traffic;
  - (2) 87,500 cu. yd. unclass. excav.;
  - (3) 135,000 sta. yds. overhaul;
  - (4) 260 tons oblit. old roads;
  - (5) 60 tons slow-curing asphalt, SC-A grade, for subgrade treat.;

- (6) 21,400 c.y. heavy base course (3-in. mat'l);
- (7) 5,300 c.y. heavy base course 1 1/2-in. mat'l);
- (8) 190 tons crusher run top course;
- (9) 1,100 units watering;
- (10) Maint. water plant or plants;
- (11) 170 tons cutback asphalt, MC-2 grade, for prime coat;
- (12) 17 c.y. class A concrete;
- (13) 854 lf. culverts (alternate);
- (14) 230 lf. bit. coated corr. SMP, type 2, for irrigation;
- (15) 970 lf. 6-in. bit. coated perf. corr. sheet metal pipe under-drain, Type 2.

Plans and specifications obtainable from above office upon deposit of \$10.

#### BIDS WANTED

**CALIFORNIA AND ALPINE COS., Calif.**—Until June 17, 1:30 p.m., bids will be received by State Division of Highways, R. E. Pierce, District Engineer, 1200 Center St., Stockton, for furnishing and applying liquid asphalt to about 24.5 miles of highway between Bartons and Picketts in Amador and Alpine counties.

Plans and specifications obtainable from above office.

#### AWARD RECOMMENDED

**TUOLUMNE COUNTY, Calif.**—R. R. Carlson, Stockton, at \$119,533, has been recommended for award of contract by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, Federal Office Building, San Francisco, for grading and constructing bridge and approaches on Section D of Route 38, the Sonora Pass National Forest Highway, Stanislaus National Forest, Tuolumne County.

Bids were opened June 1.

#### BIDS WANTED

**GILA CO., Ariz.**—Until June 25, 10 a.m. bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Bldg., Phoenix, for grading Section E of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County, Arizona, a distance of approximately 1,863 miles.

The work involves:

- (1) 7 A. clearing;
- (2) 7 A. grubbing;
- (3) 25,900 c.y. unclass. excav.;
- (4) 700 c.y. unclass. excav. for structures;
- (5) 4,500 c.y. unclass. excav. for horizon;
- (6) 605,600 sta. yds. overhaul;
- (7) 4,100 lf. furrow ditches;
- (8) 852 mi. fin. earth graded rds.;
- (9) 162 c.y. class A concrete;
- (10) 15 c.y. class B concrete;
- (11) 136 c.y. class D concrete;
- (12) 56,500 lbs. reinf. steel;
- (13) 10 MFB31 untreated timber;
- (14) 346 c.y. class B cement stone masonry;
- (15) 428 lf. CGSMP;
- (16) 182 lf. remove, clean, relay existing C.M. pipe;
- (17) 6 each, right of way monument;
- (18) 250 lf. barbed wire fence;
- (19) 1,775 lf. remove and reset exist. fence;
- (20) 1 each, gate—Type 1;
- (21) 13 culvert markers;
- (22) 4 each, guide posts.

Plans and specifications obtainable from Bureau of Public Roads, 247 New Post Office Bldg., P.O. Box 70, Phoenix, Ariz., and Federal Office Bldg., San Francisco, upon deposit of \$10.

#### BIDS OPENED

**COCHISE CO., Arizona**—Packard Constructing Co., 914 W. Coronado St., Phoenix, at \$137,617, submitted the low bid to T. S. O'Connell, State Highway Engineer, Phoenix, for im-

provement of Benson-Douglas Highway (FA 79-C, 1st term) (1937), AFE 8001. Work begins at Tomlinstone and extends 5 1/2 miles southeast and involves grading, drainage, aggregate base course and asphalt surface treatment; to be completed before Jan. 31, 1938.

Second low bid was submitted by George Orr, El Paso, at \$144,984; alternate, \$153,150.

Bids were taken under advisement.

#### BLUE PRINTS AVAILABLE

**SACRAMENTO, Calif.**—State Highway Engineer C. H. Purcell, P. O. Box 1499, Sacramento, announces the cost of blue prints for work for which bids will be opened in Sacramento on June 23 and in Los Angeles on June 24.

Following are the blue prints available:

- IV-Nap-8-A, bet. westerly boundary and Napa, bids to be opened in Sacramento; No Plans nor Cross-Sections.

- VII-Ven-9-C, bet. 3.2 miles and 4.5 miles, east of Santa Susana, bids to be opened in Los Angeles; PLANS (No. Sheets) 6; (Cost) \$0.60; CROSS-SECTIONS (No. Sheets) 17; (Cost) \$1.70 (total) \$2.30.

- VI-Ker-58-L, bet. Rosedale and Rt. 141, bids to be opened in Sacramento; No Plans nor Cross-Sections.

- VII-LA-A-60-E, LA, bet. Las Flores Canyon and W. Channel Road, bids to be opened in Los Angeles; No Plans nor Cross-Sections.

- II-Las-73-P, bet. Termo and Madeline, bids to be opened in Sacramento; No Plans nor Cross-Sections.
- VI-Ker-138-A, bet. Maricopa and Taft, bids to be opened in Sacramento; PLANS (No. of Sheets) 19; (Cost) \$1.90; CROSS-SECTIONS (No. of Sheets) 207; (Cost) \$20.70; (Total) \$22.60.

- IX-Ker-145-B, at Ramedach, bids to be opened in Sacramento; PLANS (No. Sheets) 8; (Cost) \$0.80; CROSS-SECTIONS (No. of Sheets) 44; (Cost) \$4.40; (Total) \$5.20.

Material available from the above office. Checks should be made payable to the Department of Public Works, Division of Highways.

#### CONTRACT AWARDED

**SAN DIEGO COUNTY, Calif.**—Regal Oil Co., Long Beach, at \$2,955, was awarded contract by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to the existing roadbed on about 13.5 miles in San Diego County at various locations between Jamul and White Star.

The work involves 300 tons liquid asphalt, SC-3, in place.

#### CONTRACT AWARDED

**RIVERSIDE COUNTY, Calif.**—Morgan Bros., 5919 Maywood Ave., Huntington Park, at \$11,080.55, awarded contract by the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for furnishing and applying liquid asphalt to existing shoulders on 45.1 miles in Riverside County between Route 26 near Indio and Desert Center.

The work involves 1255 tons liquid asphalt, SC-2, in place.

#### CONTRACT AWARDED

**LASSEN COUNTY, Calif.**—George French, Jr., P. O. Box 107, Stockton, awarded contract by State Division of Highways, E. W. Haselwood, District Engineer, Redding, for about 11.2 miles surfacing with road-mix surfacing in Lassen County between Millfort and two miles north, between Johnstonville and Lake Lewis and between Birchfield and 5.3 miles northeasterly.

#### BIDS OPENED

**SAN RAFAEL, Marin Co., Calif.**—Bottini Bros., San Rafael, at \$1059, submitted the low bid to the San Rafael City Council, E. W. Smith, City Clerk, City Hall, for the construction of a reinforced concrete slab over an open ditch on Second Street near Shaver Street.

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Route 2 and 2.5 miles east of Moorpark, and between Camarillo and Beetox (VI-Ven-9-2-AB,BC) in Ventura County.

The work involves:

- (1) 191,000 sq. yds. preparing, mixing and shaping shoulders (Location A);
- (2) 1,560 tons liquid asphalt, SC-3 (Location A);
- (3) 45,500 sq. yds. preparing, mixing and shaping shoulders (Loc. B);
- (4) 360 tons liquid asphalt, SC-4 (Location B).

Plans and specifications obtainable from the office of the State Highway Engineer, Public Works Bldg., Sacramento, and the office of the District Engineer in Los Angeles and San Francisco.

#### COMPLETE BID TOTALS

SACRAMENTO, Calif.—Following bids were submitted to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of 46th Street from R to T Streets:

McGilvray Const. Co., Sacto., \$482,790  
A. Teichert & Son, Inc., " " 496,535  
J. R. Reeves, Sacramento 5220.55

Complete bid items appeared in the Daily Pacific Builder June 8.

#### CONTRACT AWARDED

ORANGE CO., Calif.—J. E. Had-dock, Ltd., 357 N. Chester Avenue, Pasadena, at \$220, awarded contract by the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for widening and paving with asphaltic concrete and portland cement concrete the southwest ramp at the Newport Beach grade separation in Orange County.

#### BIDS WANTED

SAN FRANCISCO—Until June 23, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 116, for the repaving of streets and/or sidewalk openings where the paving has been removed for the San Francisco Water Department for the fiscal year ending June 30, 1938.

Work will involve (quantities estimated):

- (1) 30,000 sq. ft. light traffic concrete paving base and wearing surface;
- (2) 100 sq. ft. heavy concrete with binder and wearing surface;
- (3) 14,000 sq. ft. 6-in. Class E concrete pavement;
- (4) 500 sq. ft. brick pavement on concrete base, including brick gutters;
- (5) 100 sq. ft. 3 1/2-in. base with 1 1/2-in. wearing surface, asphaltic concrete;
- (6) 400 sq. ft. basalt blocks on concrete base;
- (7) 2,000 sq. ft. basalt blocks on sand;
- (8) 17,000 sq. ft. sidewalks, all 4 ft. wide;
- (9) 1,000 sq. ft. 2-in. sheet asphalt wearing surface only;
- (10) 100 sq. ft. 60-in. Class F concrete (use only);
- (11) 100 sq. ft. 8-in. asphalt concrete paving surface with 1 1/2-in. wearing surface;
- (12) 100 sq. ft. asphalt concrete, 15-in. base with 1 1/2-in. binder concrete and 1 1/2-in. wearing surface;
- (13-a) 100 sq. ft. 4-in. concrete, 4-in. base;
- (13-b) 2,500 sq. ft. 1 1/2-in. concrete, 4-in. base.

Plans and specifications obtainable at Room 607, 425 Market Street, San Francisco, when deposit of \$10

#### LOW BIDDER

SAN LUIS OBISPO AND SANTA BARBARA CO., Calif.—Oilfields Trucking Co., Box 751, Bakersfield

at \$12,238, submitted the low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Highway St., San Luis Obispo, for applying road-mix surface treatment and seal coat to 7.5 miles of existing roadbed in San Luis Obispo and Santa Barbara Counties, between Santa Maria and Gary, and between Route 56 and 3 miles easterly.

#### BIDS WANTED

CHURCHILL CO., Nevada.—Until June 24, 2 p.m., bids will be received by the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for grading and surfacing 14.03 mi. highway in Churchill Co., from Lyon Churchill County line to a point approximately 14 mi. east, Route 1, Section A1.

The work involves:

- (1) 427 lf. remove culvert pipe;
- (2) 26 each, remove culvert head-walls;
- (3) lump sum, remove timber culvert;
- (4) 113,430 c.y. roadway excav.;
- (5) 70,430 c.y. borrow;
- (6) 3,480 c.y. drainage excav.;
- (7) 10 sta. "V" type ditches;
- (8) 32 sta., slope rounding;
- (9) 620,469 yd. sta. overhaul (yard sta.);
- (10) 50,481 yd. mi. overhaul (yard mi.);
- (11) 1,320 c.y. struc. excav.;
- (12) 1,170 c.y. backfill;
- (13) 134,182 sq. yd. remove and stock-pile roadmix hituminous surf.;
- (14) 9,940 cu. y. salvaged aggregate;
- (15) 14.03 mi. subgrade, Type "B";
- (16) 1.33 ml. scarify and reshape surface;
- (17) 117,470 tons Type 1 gravel base;
- (18) 56,840 tons Type 2 gravel base, 1 1/2-in.;
- (19) 11,540 tons gravel surface;
- (20) 5,172 M. gals. water;
- (21) 1,114 tons liq. asphalt, type SC-2;
- (22) 101 tons liq. asp., type MC-2;
- (23) 14,03 ml. roadmix;
- (24) 442 c.y. Class A concrete;
- (25) 43 c.y. Class B concrete;
- (26) 46,390 lbs. reinforce steel;
- (27) 1,174 lf. 18-in. CMP (dipped);
- (28) 296 lf. 24-in. CMP (dipped);
- (29) 86 lf. 36-in. CMP (dipped);
- (30) 582 lf. 18-in. vitrified pipe;
- (31) 63 lf. 24-in. vitrified pipe;
- (32) 4 lf. 30-in. vitrified pipe;
- (33) 54 lf. 36-in. vitrified pipe;
- (34) 300 lf. 8-in. tile underdrain;
- (35) 40 c.y. gravel backfill (tile drain);
- (36) 205 lf. relay culvert pipe;
- (37) 36 each, move pipe culvert head-walls;
- (38) 165 each, monuments;
- (39) 105 each, culvert markers;
- (40) 230 hours, motor grader;
- (41) 190 hours, 75-hp crawler type tractor;
- (42) 190 hours, 10-ft. blade grader;
- (43) 70 hours, 75-hp tractor with cartvall;
- (44) 150 hours, 1 1/2-ton truck;
- (45) 200 hours, pilot car;
- (46) Force account, special detours;
- (47) 650 c.y. rock cleanup;
- (48) Force account, roadside clean-up.

Plans and specifications obtainable from the above office upon deposit of \$10 \$5.00 of which is returnable

#### BIDS WANTED

SANTA CLARA CO., Calif.—Until June 21, 11 a.m., bids will be received by the County Board of Supervisors, Frank W. Hogan, County Clerk, County Court House, San Jose, for the improvement of Lundy Avenue from Berryessa Road to Murphy Avenue.

Specifications may be obtained from the office of the County Surveyor at the above address, upon deposit of \$10.00

#### BIDS OPENED

MADERA COUNTY, Calif.—Milton A. Purdy, 2775 100th Ave., Oakland, at \$27,958.70, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for installing underdrains on about 8 miles in Madera County, between Kelslow Corners and Coarse Gold.

The work involves:

- (1) 220 lf. 8-in. perf. metal pipe;
- (2) 7,520 lf. 6-in. do;
- (3) 17,410 lf. 4-in. do;
- (4) 2,700 cu. struc. excav.;
- (5) 1,150 c.y. rock filling material.

Total bids follow:

(A) Milton A. Purdy, Oakland, \$27,958.70.  
(B) Sodenhammer Const. Co., Oakland, \$29,469.00.

Unit bids follow:

	(A)	(B)
(1).....	\$1.82	\$1.30
(2).....	1.19	.97
(3).....	1.30	.75
(4).....	4.02	6.50
(5).....	4.17	3.50

#### COMPLETE BIDS

SAN LUIS OBISPO AND SANTA BARBARA CO., Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at \$12,238, submitted the low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Highway St., San Luis Obispo, for applying road-mix surface treatment and seal coat to 7.5 miles of existing roadbed in San Luis Obispo and Santa Barbara counties, between Santa Maria and Gary, and between Route 56 and 3 miles easterly.

The work involves:

- (1) 82,000 sq. yds. prepare, mix, and shape roadbed;
- (2) 420 tons liquid asphalt, SC-3, road mix surface treatment;
- (3) 60 tons liquid asphalt, SC-3, seal coat.

Total bids follow:

(A) Oilfields Trucking Co., Bakersfield .....\$12,238.00  
(B) H. Foster, San Diego, 12,280.00  
(C) Road Mix, Inc., Fasa, 13,071.20  
(D) L. A. Brisco, Arroyo Grande .....14,900.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	\$0.07	\$0.085	\$0.089	\$0.11
(2).....	12.00	1.00	11.32	12.00
(3).....	18.00	11.50	16.00	14.00

#### BIDS OPENED

LOS ANGELES CO., Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$7,853.75, submitted the low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Building, Los Angeles, for applying road-mix surface treatment to existing shoulders on about 3.8 miles in Los Angeles County, between city limits of Los Angeles and west city limits of Monterey Park.

The work involves:

- (1) 575 tons liquid asphalt, SC-2;
- (2) 71,000 sq. yds. preparing, mixing, and shaping shoulders.

Total bids follow:

(A) Oswald Bros., L. A. \$7,853.75  
(B) Vida Kovacevich, South Gate ..... 8,155.00  
(C) Dimmitt & Taylor, L. A. 8,687.50  
(D) Road Mix, Inc., South Pasadena ..... 9,576.50  
(E) A. S. Vinnell Co., L. A. 9,715.50  
(F) So. Calif. Roads Co., Los Angeles ..... 10,493.00

Unit bids follow:

(A) (B) (C) (D) (E) (F)

(1) \$6.25 \$7.70 \$7.70 \$6.90 \$8.50 \$8.00

(2) .06 .0525 .06 .079 .068 .053

#### LOW BIDDER

KERN CO., Calif.—Basch Bros., 206 S. Normandie Ave., Torrance, at \$1,661, submitted the low bid to the State Division of Highways, S. W. Lowden, District Engineer, Bishop,



for about 0.5 mile grading and treating with liquid asphalt by the road-spread method, in Kern County, near Inyo-Kern.

#### BIDS OPENED

**SAN FRANCISCO, Calif.**—Max Rosenberg, San Francisco, at \$1,122, submitted low bid to the Department of Public Works, Room 251, City Hall, for grading at the George Washington School, Balboa and 20th Avenue.

Complete bids follow:  
 Max Rosenberg, S. F. .... \$1,122  
 Sibley Grading & Teaming Co., San Francisco ..... 1,140  
 S. F. Grading Co., S. F. .... 1,171  
 Chas. L. Harney, S. F. .... 1,800  
 H. T. Guerin, S. F. .... 1,875

#### CONTRACT AWARDED

**INYO CO., Cal.**—Basich Bros., 2053 South Normandie Lane, Torrance, at \$27,736.00 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.2 miles grading and applying road - mix surface treatment in Inyo county between Bishop and Owens River.

#### CONTRACT AWARDED

**MONTEREY, CO., Calif.**—Grantle Constr. Co., Ltd., Watsonville, at \$9,247, awarded contract by District Engineer L. H. Gibson, State Division of Highways, 50 Higuera St., San Luis Obispo, for about 1.3 miles surfacing with plant-mixed surfacing in Monterey County, at various locations between Greenfield and Salinas River.

#### 30—RESERVOIRS & DAMS

##### BIDS OPENED

**GRAND COULEE DAM, Wash.**—American Bridge Co., Denver, Colo., at \$56,267, submitted the low bid to the Bureau of Reclamation, Denver, under Spec. No. 738, for furnishing and delivering sixteen bulkhead gate frame and track assemblies for installation at the inlet ends of the outlet conduits at the Grand Coulee Dam, Columbia Basin Project.

Bids for one bulkhead gate, also asked in the bid advertisement, will not be considered, a dispatch from the Bureau states.

Total bids follow:

American Bridge Co., Denver: \$56,267; wt. 234,025 lbs.; net; fob Gary, Indiana.

John W. Beam, Denver: \$110,000; wt. 265,000 lbs.; 1/4%; fob Peotone, Illinois.

Koppers Co. (Bartlett - Hayward

##### CONTRACT AWARDED

**PARKER DAM PROJECT & SALT RIVER PROJECT, Ariz.**—Consolidated Electric Corp., Ltd., San Francisco and Eastern Aves., Los Angeles, at \$407,500, was awarded the contract by the Bureau of Reclamation, Denver, under Spec. No. 722, for furnishing and delivering ten 50-ft. by 50-ft. regulating gates with gate frames and metalwork for gate counterweights, for installation in the spillways at the Bartlett and Mormon Flat Dams, Salt River Project, Arizona, and in the spillway of the Parker Dam, Parker Dam Project, California-Arizona.

The materials will be installed by the government.

Bids opened March 9.

##### BIDS WANTED

**SEATTLE, Wash.**—Until July 1, 10 A. M., bids will be received by J. D. Ross, City Light Bldg., 3rd and Madison Sts., Seattle, for the construction of a concrete arch dam 215 feet high in Ruby Canyon, Step No.

1 of three steps which will ultimately carry the dam to a height of 650 feet above bedrock.

Estimated cost, \$4,500,000.

Step One involves construction of an arch dam in Ruby Canyon having elevation of 1150-ft. from foundation to 1300-ft. from sea level.

Work includes: diversion of river including tunnel through rock of canyon wall; erection of downstream and upstream cofferdam; stripping sites for work; construction of dam to final elevation of 1300 feet.

Principal items include:

- (1) 200,000 c.y. rock and common excavation;
- (2) 20,000 feet drilling of grout and drainage holes in foundation;
- (3) 300,000 c.y. concrete;
- (4) 22,000 ft. grout and drainage pipe with appurtenances;
- (5) 300 tons structural steel.

City will furnish cement. Test pit data to be furnished by City from Rolland's Bar, about four miles upstream from dam site where there is an ample deposit of suitable material. Contractor to furnish sand and gravel.

Steps Two and Three will follow completion of Step One. Step Two involves raising dam to elevation of 1500 feet above sea level. Step 3 consists of raising dam to ultimate elevation of 1725 feet above sea level.

The project will be financed in part with a FWA grant.

Plans and specifications obtainable from Engraving Division, Seattle City Light Dept., 216 City Light Bldg., Seattle, upon deposit of \$25.00.

#### 31—PIPE LINES & WELLS

##### BIDS WANTED

**SHAFTER, Kern Co., Calif.**—Until June 9, 10 a. m., bids will be received by the Treasury Department, Procurement Division, Room 514, 49 4th St., San Francisco, under Bid No. 4042 for drilling a well at the California Migratory Labor Camp, Shafter. Well will have an estimated depth of 550 feet from ground surface (or Div.) Baltimore: \$71,200; wt. 270,000 lbs.; 1/4%; fob Baltimore. Will be drilled until supply of water satisfactory to Resident Engineer is obtained.

Specifications obtainable from the above office.

##### SUB-CONTRACTS AWARDED

**YERBA BUENA ISLAND, Calif.**—Following have been awarded contracts by Herman Lawson Co., 465 Tehama St., San Francisco, general contractors, for various portions of work, for construction of a pump station and pipe line to transport water from Pier W. 1 of the San Francisco-Oakland Bay Bridge at Spear St. in San Francisco, to within 140 ft. of a proposed reservoir site on Yerba Buena Island, a total distance of 11,750 feet:

Reinforcing Steel—W. S. Wetenhall Co., 11th and Wisconsin Streets, San Francisco.

Pile Driving—M. B. McGowan, Inc., 74 New Montgomery Street, San Francisco.

Welding—E. E. Thomas, 3140 San Francisco Ave., Oakland.

Electrical Work—Abbett Electric Co., 126 Sears St., San Francisco.

Structural Steel—Michel and Pfeffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco.

##### BIDS OPENED

**EUREKA, Humboldt Co., Calif.**—United Concrete Pipe Corp., Box 1, Station H, Los Angeles, at \$774,698.80, submitted the low bid to the Eureka City Council, A. Walker Kildale, City Clerk, City Hall, for the construction of the pipe line unit of the Mad River Water Supply Project.

The work involves construction of

a gravity supply line, 23 miles in length, from the dam now under construction on Mad River to the existing distribution tanks on Harris and E Streets in the City of Eureka.

Total bids follow:  
 United Concrete Pipe Line Corp., Los Angeles—\$774,698.80

Hanrahan-Connelly Co., San Francisco—\$824,566.

Morrison-Knudsen Co., Los Angeles—\$847,670.

American Concrete Pipe Co., South Gate—\$576,977.

R. G. Jenks, San Francisco—\$914,176.

Unit bids will be published as soon as available.

#### 32—SEWERS & SEWAGE DISPOSAL PLANTS

##### BONDS APPROVED

**PLACERVILLE, Eldorado Co., Cal.**—The City of Placerville, by a vote of 462 to 121, approved a proposal June 1, for issuing \$50,000 in bonds to finance construction of a sewage disposal plant and main sewers. Harry N. Jenkins, 2701 Emvenue, Berkeley, engineer, has prepared preliminary plans.

Future of the project hinges on the success of a PWA application for a 45% grant now in Washington. Total cost of the work is estimated at approximately \$75,000.

Clifton Wildman, city engineer.

#### 33—WATER WORKS

##### BONDS DEFEATED

**SAN MARIÑO, Los Angeles Co., Calif.**—A proposed bond issue of \$1,226,000 to finance the construction of a water distribution system in anticipation of the proposed supply from the Metropolitan Water District Colorado River Apudeduct, was defeated at the polls June 1.

At present the city receives its water from the California Water & Telephone Co., The Sunnyslope Water Co. and the Pasadena Water Co.

##### LOW BIDDER

**HOLBROOK, Ariz.**—Lewis Bros., 2946 North 3rd Street, Phoenix, Arizona, at \$26,900, submitted low bid to C. J. Smith, Superintendent, Petrified Forest National Monument, Holbrook, for construction of water and sewer systems in the Painted Desert Area, Petrified Forest National Monument, Arizona.

#### 34—PARKS AND PLAY GROUNDS

##### BIDS OPENED

**VENTURA, Calif.**—Glen City Nursery, 727 E. Main St., Santa Paula, at \$1,835, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Ventura. Only other bid submitted by Monard Nurseries, Ventura, at \$2,514.

##### BIDS OPENED

**MONTEBELLO, Los Angeles Co., Calif.**—L. B. Merrick Nurseries, 541 S. Fairview St., Whittier, at \$385, submitted low bid to the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Montebello National Alkls Nursery, Montebello, at \$1,715, submitted only other bid.

##### NO BIDS RECEIVED

**MADERA, Calif.**—No bids were received June 1 by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Madera.

##### BIDS WANTED

**LOS ANGELES, Calif.**—Until June

# PIPE

**Pacific Pipe Co.**  
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## MAD RIVER PIPE LINE—EUREKA—(City)

EUREKA, Humboldt Co., Calif.—United Concrete Pipe Corp., Box 1, Station H, Los Angeles, at \$774,698.80 as previously reported, submitted the low bid to the Eureka City Council, A. Walter Kildale, City Clerk, City Hall, for the construction of the pipe line unit of the Mad River Water Supply Project.

The work involves construction of a gravity supply line, 23 miles in length, from the dam now under construction on Mad River to the existing distribution tanks on Harris and E Streets in the City of Eureka. Ten miles of the upper half of the line will be of concrete and lined steel pipe 30 inches in diameter, scattered sections will be of 36-in. diameter redwood stave, ten miles at the city end of the line will be of lined steel pipe nearly all 24 inches in diameter, and there will be 145 feet of 18-in. lined steel pipe within the city.

The work involved:

### Wood Stave Pipe:

- (1) 51,400 lf. continuous stave redwood pipe with two bands per lf., installed complete on supports;
- (2) 29,000 additional bands, complete, installed;
- (3) 600 c.y. excavation of drainage or stream channel changes;
- (4) 95,000 lbs. structural steel girder and piers, erected in place;
- (5) 8,000 lbs. reinforcing steel in concrete piers & anchor blocks, etc.;
- (6) 462 c.y. Class B concrete in the footings, piers, abutments and anchor and junction blocks, including excavation, in place;
- (7) Cement, in case of increase or decrease from specified requirements, add or deduct per c.f.;
- (8) 28 each concrete piles, in place;
- (9) 19 each blow-off valve assemblies complete;
- (10) 190 lf. 4-in. cast iron pipe in excess of 4-ft. in blow-off valve assembly, installed;
- (11) 31 each, air and vacuum valve assemblies, installed with housing complete;
- (12) 3 each 24-in. gate valves installed with housing complete;
- (13) 18 MFBM plank foot walk on trestles, complete in place;

### Steel Pipe

- (14) 54,200 lf. 24-in. dia. pipe line installed in trench, per lf.;
- (15) (A) Centrifugal concrete lined and gunite coated steel pipe; (A) Cement wrapped steel dur-line pipe; (A) Cement wrapped bituminous lined steel pipe;
- (16) 6,700 lf. 30-in. dia. pipe line installed in trench, per lf.;
- (17) (A) Centrifugal concrete lined (A) Cement wrapped steel dur-line pipe; (A) Cement wrapped bituminous lined steel pipe;
- (18) 900 lf. 30-in. dia. pipe line in tunnel, installed complete, per lf.;
- (19) (A) Centrifugal concrete lined (A) Cement wrapped steel dur-line pipe; (A) Cement wrapped bituminous lined steel pipe;
- (20) 1,200 lf. 30-in. dia. pipe line with welded joints in river crossings, installed in trench, per lf.;
- (21) (A) Centrifugal concrete lined (A) Cement wrapped steel dur-line pipe;
- (22) 1,245 lf. 18-in. dia. pipe line in trench, installed per lf.;
- (23) (A) Centrifugal concrete lined (A) Cement wrapped steel dur-

### oline pipe;

(A) Cement wrapped bituminous lined steel pipe;

### Mad River Crossings

- (19) 3,000 c.y. excavation in river;
- (20) 1,000 c.y. Class C concrete encasing welded steel pipe in place
- (20½) 100 lf. 4-in. cast iron pipe in excess of 12 lf. in blow-off valve assembly, installed;

### Slough Crossings

- (21) 62 each, piles, 20 ft. or less, in place;
- (22) Filing required in excess of 20 ft. in length, in place, per lf.;
- (23) 585 lf. concrete support for 24-in. dia. pipe, complete;
- (24) 400 lf. timber grillage pipe support, in place;
- (25) Centrifugally Cast Concrete Pipe; 7,660 lf. 30-in. dia. pipe line installed in trench;

### Lined and Concrete Coated Steel Pipe Accessories

- (26) 250 each expansion joints in excess of standard joints on 24-in. dia. pipe;
- (A) Centrifugal concrete lined (A) Cement wrapped steel dur-line pipe; (A) Cement wrapped bituminous lined steel pipe;
- (27) 120 c.y. Class B concrete in anchor blocks, in place;
- (28) Cement, in case of increase or decrease from specified requirements, except in pipe coatings or linings, add or deduct, per cu. ft.;
- (29) 15 each, blow-off valve assemblies, installed complete;
- (30) 22 each air release and vacuum valve assemblies, installed complete;
- (31) 3 each, 42-in. gate valves, installed with concrete encasement;
- (32) 6 each, 20-in. gate valves, do;
- (33) 1 each, 18-in. gate valve, do;
- (34) 1 each, 12-in. gate valve, do;
- (35) Cement grouting valve assembly, including piping floats and actuating mechanism installed, complete;

### Concrete Manholes for Blow-Off Valve Assemblies Complete of Two Types

- (36) 7 ea., manholes with wood covers;
- (37) 3 each, manholes with cast iron frames and covers;
- (38) Concrete Manholes for Air Release and Vacuum Valve Assemblies, Complete, of Two Types
- (39) 6 ea., manholes with wood covers, inc. saddle opening in pipe and cover;
- (40) 12 ea., manholes with cast iron frames and covers;
- (41) Gate Valve Manholes Complete of Two Types

- (42) 7 ea., manholes with wood covers;
- (43) 2 ea., manholes with cast iron frames and covers;
- (44) 1 each, reinforced concrete overflow outlet structure on concrete overflow pipe, complete in place;
- (45) lump sum, chlorination building, complete with all drains, conduits, electric wiring and lamps and water piping, but without operating equipment;
- (46) lump sum, Venturi tube installed in pipe line, together with meter installed in house with necessary copper pressure piping, complete, in place;
- (47) Lump sum, motorized trolley, hand pump and motor, together with starting and control equipment

Total bids follow:

(A) United Concrete Pipe Line Corp.

Los Angeles, \$774,698.80.  
 (B) Hanrahan - Connolly Co., San Francisco, \$824,566.00.  
 (C) Morrison-Knudsen Co., Los Angeles, \$847,670.  
 (D) American Concrete Pipe Co.,

South Gate, and Mercer-Fraser Co., Eureka.  
 (E) R. G. Clifford, San Francisco, \$914,176.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 4.45	\$ 4.90	\$ 4.50	\$ 5.13	\$ 5.20
(2).....	.60	.63	.60	.60	.60
(3).....	.60	1.00	1.00	1.00	.90
(4).....	.11	.10	.089	.12	.09
(5).....	.07	.07	.07	.07	.07
(6).....	22.00	30.00	24.00	30.00	25.00
(7).....	1.00	.70	.80	.75	1.26
(8).....	35.00	35.00	45.00	50.00	70.00
(9).....	70.00	80.00	75.00	75.00	90.00
(10).....	1.50	1.00	1.50	1.00	1.00
(11).....	225.00	250.00	235.00	240.00	230.00
(12).....	650.00	800.00	700.00	650.00	644.00
(13).....	100.00	80.00	75.00	80.00	100.00
(14a).....	4.93	5.46	6.40	5.60	5.75
( b ).....	.....	.....	.....	.....	.....
( c ).....	.....	.....	.....	.....	.....
(15a).....	6.33	7.00	8.15	7.00	8.75
( b ).....	.....	.....	.....	.....	.....
( c ).....	.....	.....	.....	.....	.....
(16a).....	25.00	25.00	35.00	26.00	26.10
( b ).....	.....	.....	.....	.....	.....
( c ).....	.....	.....	.....	.....	.....
(17a).....	12.00	5.86	9.00	9.00	7.00
( b ).....	.....	.....	.....	.....	.....
( c ).....	.....	.....	.....	.....	.....
(18a).....	4.00	5.00	5.00	4.30	5.20
( b ).....	.....	.....	.....	.....	.....
( c ).....	.....	.....	.....	.....	.....
(19).....	8.50	6.00	2.95	11.00	12.00
(20).....	10.00	12.00	15.00	10.00	20.00
(21).....	1.00	1.00	1.50	1.00	1.00
(22).....	35.00	24.00	24.00	50.00	35.00
(23).....	1.75	2.00	.60	1.00	1.20
(24).....	37.00	26.00	5.20	45.00	35.00
(25).....	1.00	1.20	1.25	1.50	1.20
(26a).....	6.33	7.00	6.20	7.00	8.75
( b ).....	12.00	20.00	18.00	6.50	20.00
( c ).....	.....	.....	.....	.....	.....
(27).....	12.00	20.00	18.00	20.00	22.50
(28).....	1.00	.70	.80	.75	1.26
(29).....	100.00	120.00	98.00	100.00	125.00
(30).....	200.00	300.00	200.00	330.00	190.00
(31).....	750.00	750.00	670.00	650.00	605.00
(32).....	500.00	520.00	480.00	550.00	455.00
(33).....	400.00	410.00	385.00	355.00	355.00
(34).....	170.00	180.00	190.00	170.00	180.00
(35).....	4000.00	4000.00	3600.00	3300.00	3750.00
(36).....	100.00	160.00	105.00	135.00	190.00
(37).....	125.00	230.00	130.00	200.00	220.00
(38).....	100.00	150.00	105.00	210.00	160.00
(39).....	140.00	250.00	225.00	330.00	310.00
(40).....	125.00	225.00	205.00	250.00	225.00
(41).....	100.00	150.00	105.00	210.00	185.00
(42).....	125.00	200.00	205.00	230.00	235.00
(43).....	500.00	400.00	240.00	500.00	480.00
(44).....	800.00	300.00	260.00	150.00	240.00
(45).....	3500.00	2300.00	5500.00	2750.00	2390.00
(46).....	2300.00	2075.00	1925.00	2000.00	2000.00
(47).....	1600.00	1150.00	1300.00	1230.00	1100.00

ORANGE COUNTY—PAVE RAMP—(State)

ORANGE CO., Cal.—J. E. Haddock, Ltd., 357 N Chester Ave., Pasadena, at \$2370, submitted the low bid to the State Division of Highways, S. V. Courtleyou, District Engineer, 508 State Bldg., Los Angeles, for widening and paving with asphaltic concrete and portland cement concrete the southwest ramp at the Newport Beach grade separation in Orange County. The work involves:

- 1) 40 M. gals. water;
- 2) 40 c.y. existing concrete removed and disposed of;
- 3) 200 c.y. rdwy. excav. unclass.;
- 4) 1250 c.y. imported borrow;
- 5) 600 sq. yds. preparing subgrade;

- (6) lump sum, finishing rdwy.;
- (7) 75 tons asphalt concrete;
- (8) 200 lbs. bar reinf. steel;
- (9) 70 c.y. "A" portland cem. conc. pavement);
- (10) 100 pavement dowels;
- (11) 40 c.y. "A" portland cem. conc. (curbs and gutters).

Total bids were:

- (A) J. E. Haddock, Ltd., \$2370.00.
- (B) Mojave Corp., \$2993.50
- (C) C. O. Sparks, et al., \$3016.00.
- (D) Thomas Const Co., \$3166.50.
- (E) Vido Kovacevich, \$3186.00
- (F) Sander Pearson, \$3200.00

Unit prices follow:

(A).....	\$2.00	\$2.00	\$4.48	\$1.15	\$50.00	\$5.00	\$0.7	\$9.90	\$15	\$10.00	
(B).....	3.00	3.00	40	61	15	70.00	6.00	16	9.50	24	14.50
(C).....	3.00	4.00	.60	.50	.15	50.00	5.00	.08	12.00	20	15.00
(D).....	3.00	4.50	.85	.75	.20	35.00	5.00	.07	10.50	20	11.50
(E).....	1.00	4.50	.80	.50	.15	50.00	5.00	.08	10.00	15	14.00
(F).....	2.00	4.00	.50	.70	.15	100.00	5.00	.10	14.00	20	14.00

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SHASTA COUNTY—GRADE & SURFACE—(State)

- June 30, 1937.
- SHASTA CO., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$23,118.50, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.7 mile grading and surfacing with crusher run base and road-mix surfacing in Shasta County, at China Gulch.
- The work involves:
- (1) 225 M gals. water.
  - (2) 115 c.y. removing existing conc.
  - (3) 8,900 c.y. roadway excav., uncl.
  - (4) 210 c.y. struc. excav.;
  - (5) 65 c.y. ditch and channel excav.;
  - (6) 5,000 c.y. imported borrow;
  - (7) 48,000 sta. yds. overhaul;
  - (8) 36 sta. finishing roadway;
  - (9) 1,400 c.y. crusher run base;
  - (10) 7 tons liq. asphalt, ROMC-2 or ROMC-4 (prime coat);
  - (11) 1,650 sq. yds. asphaltic paint binder;
  - (12) 650 c.y. mineral aggregate (road-mix surf.);
  - (13) 47 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix surf.);
  - (14) 7 tons liq. asphalt, ROMC-3 or ROMC-4 (seal coat);
  - (15) 50 c.y. sand (seal coat);
  - (16) 26,000 lbs. bar reinf. steel;
  - (17) 180 c.y. Class A portland cement conc. (strucs.);
  - (18) 24 lf. 12-in. CMP;
  - (19) 30 lf. removing and salvaging pipe culverts;
  - (20) 1,000 lf. laminated guard railing;
  - (21) 835 lf. remove existing guard railing;
  - (22) 2 each, culvert markers;
  - (23) 1 only, remove existing bridge;
  - (24) 10 each, monuments.

Total bids follow:

(A) Lee J. Immel, Berkeley	\$23,118.50
(B) Piazza & Huntley, San Jose	23,182.75
(C) J. P. Brennan, Redding	25,673.00
(D) Loms Biasotti & Son, Stockton	26,227.25
(E) A. Soda & Son, Oakland	29,258.80

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 1.50	\$ 2.00	\$ 1.55	\$ 2.00	\$ 2.00
(2)	3.00	2.00	3.90	5.50	3.90
(3)	.35	.42	.45	.50	.70
(4)	1.50	1.00	1.75	2.00	1.45
(5)	1.00	1.00	1.00	1.00	1.40
(6)	.60	.47	.40	.75	.80
(7)	.01	.01	.01	.015	.01
(8)	7.00	5.50	7.00	7.00	10.00
(9)	2.85	2.90	2.70	2.25	3.00
(10)	25.00	24.00	27.50	30.00	34.00
(11)	.03	.04	.06	.12	.06
(12)	3.00	3.45	2.90	3.25	3.15
(13)	25.00	24.00	27.50	25.00	27.85
(14)	25.00	24.00	28.00	32.00	33.75
(15)	3.00	3.50	3.50	3.75	3.00
(16)	.07	.07	.05	.07	.065
(17)	20.00	19.00	21.50	27.50	23.05
(18)	2.00	1.50	1.75	3.00	2.65
(19)	1.00	.35	.50	1.00	1.65
(20)	1.00	1.50	1.00	2.00	1.35
(21)	.30	.25	.75	.25	.20
(22)	3.00	3.00	2.00	5.00	3.00
(23)	750.00	450.00	400.00	1500.00	1086.00
(24)	4.00	3.00	2.80	4.00	5.00

June 9, 1937.

COMPLETE BIDS  
HOLBROOK, Ariz. — Lewis Bros., 2946 North 3rd Street, Phoenix, Arizona, at \$26,900, submitted low bid to C. J. Smith, Superintendent, Petrified Forest National Monument, Holbrook, for construction of water and sewer systems in the Painted Desert Area, Petrified Forest National Mon-

ument, Arizona.

The work involves:

- (1) 2200 c.y. unclass. excav. for strucs., trenches, and footings;
- (2) backfill for strucs. and trenching.
- (3) borrow for embankments;
- (4) 7850 ft. 2½-in. galv. steel pipe, furnished and laid;

- (5) 473 ft. 2-in. same;
- (6) 2680 ft. C 1 water pipe;
- (7) 870 ft. vit. sewer pipe;
- (8) 5 reinf. coner. manholes;
- (9) 50,000 gals. coner. reservoir;
- (10) coner. septic tank;
- (11) pump house, complete;
- (12) engine and pump equip.

The total bids were:

(A) Lewis Bros., Phoenix	\$26,933.00
(B) O. F. Fisher, Phoenix	28,120.78
(C) Kersey & Co., Alamogordo, New Mexico	28,901.23
(D) Arizona Concrete Co., Phoenix	29,055.04
(E) Houser & Garmel, Glendale, Calif.	29,764.50
(F) R. H. Travers, Los Angeles	32,467.00
(G) Underground Construction Co., Berkeley	32,929.00
(H) Bennett & Taylor, Los Angeles	34,778.25
(I) Hoagland Engineering & Construction Co., Long Beach	36,366.00

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$ 2.00	\$ 2.60	\$ 5.00	\$ 2.50	\$ 2.00	\$ 2.50	\$ 2.15	\$ 3.00	\$ 4.00
(2)	15	20	1.00	.50	50	.65	1.00	.75	.45
(3)	1.00	.60	1.00	.75	.65	1.25	1.65	1.00	1.25
(4)	18	65	50	60	60	69	46	56	.70
(5)	45	43	35	405	40	58	50	87	.70
(6)	5700.00	6003.74	6690.00	5777.00	8000.00	9291.00	7562.00	9974.00	3000.00
(7)	1368.25	888.25	525.00	1062.00	500.00	750.00	1269.00	925.00	800.00
(8)	130.00	90.00	115.00	179.00	135.00	106.00	181.00	81.00	150.00
(9)	5590.00	5822.60	3700.00	5514.00	6900.00	5792.00	7215.00	5267.00	6400.00
(10)	2261.00	2117.08	1390.00	2357.00	2500.00	2405.00	3282.00	2738.00	3160.00
(11)	2794.00	2241.36	1560.00	2812.00	2500.00	2429.00	2580.00	2428.00	2800.00
(12)	265.00	250.00	250.00	250.00	200.00	610.00	490.00	730.00	350.00

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## EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until June 16, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 198, for 113,000 square feet of asphaltic street paving and 500 cubic feet of asphaltic base.

Further information obtainable from above office.

OAKLAND, Calif.—Until June 16, 5:30 p.m., informal bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 879, for furnishing 45,000 gallons of kerosene, and 325,000 gallons of gasoline.

Specifications from above office.

OAKLAND, Calif.—Until June 16, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 199, for furnishing 5,820 concrete meter loops, and 3,900 extra concrete covers.

Specifications obtainable from the above office.

OAKLAND, Calif.—Until June 16, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 1, S. 200, for furnishing 16,000 lin. ft. of 4- to 12-in. diam. asbestos cement water pipe.

Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 23, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent, Room 601, 205 South Broadway, for 22 single phase, 60-cycle, step down, outdoor, oil immersed, self-cooled, distribution station transformers including the necessary oil, foh cars or trucks, 1630 N Main St. Alternate bids will also be taken for transformers designed for sealing with inert gas in place of conservators, including necessary equipment. Spec. No. 2310.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until June 22, 10 A. M., bids will be received by Metropolitan Water District Purchasing Agent for sale of miscellaneous construction equipment which may be inspected at Banning Salvage Yard and Berdoe Camp. Bid SM 269. Equipment involves bar tender, belt conveyors, bucket type elevators, dust collector, sand splitter hopper, crushing and screening plant, crusher, vibrating screens, cement unloading hopper, drifter drills, air compressors, motor generator set transformer, switchboards and racks, battery type locomotives, iron boxes, cement weigh batcher unit.

LOS ANGELES, Calif.—Until July 8, 10 A. M., bids will be received by Metropolitan Water District, 306 W 3rd St., Los Angeles, for five 93-ft. electrically operated welded steel head gates with frames, guides, and other appurtenances for installation at the upper ends of the steel delivery pipe lines from the Colorado River Aqueduct pumping plants, in

accordance with Spec. No. 220. Specifications may be obtained from the engineer, room 1007, 306 W. 3rd St., Los Angeles, upon payment of \$2 per set, not returnable. F. E. Weymouth, General Manager and Chief Engineer.

## LOS ANGELES CITY

LOS ANGELES, Calif.—Until June 18, 2 p.m., bids will be received by the Los Angeles Water & Power Purchasing Agent, for 18 600-amp, 7500-volt, triple pole, single throw, oil circuit breakers, Spec. 2320.

Specifications obtainable from the above office.

## RECLAMATION BUREAU

GRANDE RONDE PROJECT, Oregon.—Until June 17, 2 p.m., bids will be received by Bureau of Reclamation, Denver, R. F. Walter, Chief Engineer, under Spec. No. 953-D, for performing all work, including surveys for the Grande Ronde project, Oregon. The work is located near La Grande, Oregon, and involves aerial photography of approximately 560 square miles at a negative scale of approximately 1:20,000 and furnishing contact prints and index maps for the vertical negatives.

Specifications obtainable from the above office.

## U. S. INDIAN SERVICE

LOS ANGELES, Cal.—Until June 28, 2 P. M. bids will be received by the Metropolitan Water District, Los Angeles, under Bid No. 221, for furnishing 7500-volt outdoor type disconnecting switches and bus insulator units for use at Colorado River Aqueduct pumping plants.

## OAKLAND CITY

OAKLAND.—Until June 15, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for furnishing one air compressor to the city street department. Specifications obtainable from City Clerk Chappell.

## WAR DEPARTMENT

SACRAMENTO, Calif.—Until June 18, 2 P. M., bids will be received by Constructing Quartermaster, Sacramento Air Depot, P. O. Box 1616, Sacramento, under Bid No. 6870-37-26, for furnishing one tractor and grader; foh bidder's shipping point.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 18, 2 P. M., bids will be received by Constructing Quartermaster, Sacramento, under Bid No. 6870-37-26, for furnishing one tractor, crawler type, and one grader, leaning-wheel, hand control, for use with 30-drawer horse-power crawler type tractor; foh Sacramento.

Specifications obtainable from the above office.

FRESNO, Calif.—Until June 15, 2 p.m., bids will be received by Civilian Conservation Corps, G. T. Stump, Purchaser, 414 P St., Fresno, under Bid No. 5905-37-55, for furnishing misc. hardware, roofing, lumber, cement, and pipe; foh Fresno.

Specifications obtainable from the above office.

FORT MASON, Calif.—Bids will be received by the Quartermaster Supply Officer, Fort Mason, for furnishing supplies and materials, as follows:

June 18, 10 A. M.

BID NO. 928-37-435—One flatwork ironer and one ventilating canopy; f.o.b. Fort Mason.

BID NO. 928-37-457—Parts for Federal 2 1/2-ton model Q-9, and other trucks including patrol wagon and fire truck; f.o.b. Fort Mason.

June 19, 10 A. M.

BID NO. 928-37-438—500,000 paper bags, grocer's type; f.o.b. Fort Mason.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 15, 3 p.m., bids will be received by U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-37-231, for furnishing one drafting machine, durable aluminum metal scales to fit machine in various sizes; f.o.b. Sacramento.

Specifications obtainable from the above office.

FORT McDOWELL, Calif.—Until June 18, 10:45 a.m., bids will be received by the Quartermaster, Fort McDowell, Calif., under Bid No. Q 536-37-38, for removing present coal burning ranges, and furnishing and installing oil burning ranges and storage tank in Station Hospital, Ft. McDowell, Calif.

SAN FRANCISCO.—Until June 18, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Prop. No. 868-37-295, for providing storage space, doing repair work, and similar work in connection with handling government-owned automobiles from July 1, 1937 to June 30, 1938.

Information from above office.

## CANAL ZONE

CANAL ZONE.—Until June 25, 10:30 a.m., bids will be received by the General Purchasing Agent, Washington, D. C., for furnishing steel, floor plates, steel billets, welded steel pipe, cast-iron pipe fittings, theatre chairs, wall clocks, coil chain, steel spools, window glass, fusible plugs, leather belting, camois skins, battleship linoleum, cotton batting, asbestos gaskets, packing (rubber and flax), cats, alfalfa hay, rice straw, wrapping paper, southern yellow pine and douglas fir, and timbers, and sulphate resisting portland cement.

Specifications obtainable from the above office.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Until June 15, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 514 49 Fourth St., San Francisco, under Bid No. 4066 for furnishing one switchboard, 10-circuit dead front safety type in code gauge galvanized iron cabinet with proper partitions between, 3-phase and single phase sections; foh Zoological Gardens, Sunset Blvd. near Skyline, S. F.

Specifications from the above office.

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## IN THIS ISSUE



MacDonald & Kahn Low on  
Span Terminal

♦ ♦ ♦

*Granfield-Farrar & Carlin Bid  
Altamont Pass*

♦ ♦ ♦

Building Permits, Advance Reports  
of Building and Engineering  
Projects

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
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SAN FRANCISCO, CALIF., JUNE 19, 1937

No. 22

## MacDonald & Kahn Low

### GRANFIELD-FARRAR & CARLIN LOW FOR ALTAMONT PASS GRADING JOB

SACRAMENTO, June 16.—Granfield-Farrar & Carlin, San Francisco, today submitted a low bid of \$848,193.40 to the State Highway Commission here for the difficult Greenville-Mountain House sector of the Altamont Pass highway in Alameda county.

A close second bid was submitted jointly by Fredrickson & Watson and Fredrickson Bros. and Heafey-Moore Co., Oakland, at \$850,299.

The commission also received proposals on three other contracts, largest of which was for grading and surfacing about seven miles between Willows and Artois in Glenn county.

#### Total Bids

Total bids on the nine-mile Altamont Pass job were as follows: Granfield-Farrar & Carlin, \$848,193; Fredrickson and Watson,

Fredrickson Bros. and Heafey-Moore Co.,	850,299
A. Teichert & Son, Sacto.,	872,356
Metropolitan Constr. Co., Los Angeles	882,093
Macco Const. Co., Clearwater	882,312
Guy F. Atkinson, S. F.,	927,800
Lewis Const. Co. and Bodenhamer Constr. Co., Oakland	931,579
D. McDonald, Sacramento,	932,054
Chas. L. Harney and Piombo Bros., S. F.,	960,124
Geo. Pollock Co., Sacto.,	984,537
Geo. K. Thompson Co., Los Angeles	993,963
Geo. W. Condon & Morrison - Knudsen Co., Los Angeles	1,107,322
Utah Const. Co., S. F.,	1,137,433
D. W. Thurston, L. A.,	1,139,224

#### Ball Low Twice

Low bidder for the Glenn county contract was N. M. Ball Sons, Albany, with a proposal of \$193,693. Union Paving Co., San Francisco, at \$201,760 was second low.

N. M. Ball Sons also submitted the lowest of seven bids for constructing a steel stringer bridge across Kaweah river about three miles south of Woodlake, Tulare county. Amount of the low bid was \$27,331.

### PURCELL WILL MAKE OFFICIAL ANNOUNCEMENT

Completed Totals to Be Revealed at Sacramento This Morning

By HARRY SPALDING

MacDonald & Kahn Co., Ltd., are low bidders for construction of the San Francisco - Oakland Bay Bridge Railway Terminal, an unofficial tabulation of bids indicated yesterday.

Official totals on all contracts will be announced in Sacramento today, the San Francisco-Oakland Bay Bridge Commission announced.

An unverified tabulation of figures listed bidders in the following order:

MacDonald & Kahn Co. Ltd., San Francisco.

George A. Fuller Company, Los Angeles.

Barrett and Hilp, San Francisco, and A. Teichert & Son, Inc., Sacramento.

Clinton Construction Company, San Francisco.

\$1,658,510 Bid

The low basic bid totaled approximately \$1,658,510, according to MacDonald and Kahn Co., Ltd. The alternate bid which calls for the construction of the buildings, omitting extensive garages in the west end of the terminal, was about \$1,552,020.

The tabulation indicated that the Columbia Steel Company was low bidder for structural steel work. Their basic total was approximately \$442,360, with an alternate total of about \$435,620. The report listed Bethlehem Steel Company as second lowest bidder, followed by George A. Fuller Company.

The bid of George A. Fuller Co., only firm to bid on Proposal F for the entire job, was higher than a combination of other proposals submitted by various bidders on different portions of the work, it was understood.

### RUBY DAM CEMENT

Bids for furnishing cement to be used in construction of the first unit of the \$4,500,000 Ruby Basin Dam will be opened July 1, the Seattle board of public works announced this week. Proposals for the general construction contract are scheduled for opening the same day.

The cement contract, as advertised this week, calls for furnishing approximately 275,000 barrels of bulk cement and 1000 sacks of cement. Specifications and proposal forms may be obtained from the City Light Department, 216 City Light building, Third and Madison streets, Seattle.

### SHIP ROOF DECK TO AFRICA PLANTATION

Detroit Steel Products recently received an order for a large shipment of Fenestra Holorib Steel Roof Deck to be shipped to Cavalla, Liberia, West Africa, for installation by American Bridge Co., in a factory and warehouse being built by Firestone Plantation Co. Active foreign demand is reported for Fenestra roof deck and steel windows, according to Wm. Gillet, manager of the Holorib Department of Detroit Steel Products Co.

Fenestra Holorib Insulated Roof Deck has been shipped recently to such far distant points as Venezuela, South America, and Honolulu, T. H.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
31	Aren	Owner	4000
32	Haight	Williams	5500
33	Janow	Nelson	7000
34	Pritchard	Nelson	6000
35	Stoneson	Owner	5000
36	Thomas	Perkins	1000
37	Wiley	Owner	7400
38-41	Wolter	MacDonald	5000
42	Blincoe	Owner	5000
43	Cadden	Robinson	4000
44	Christensen	Owner	4500
45	Christensen	Owner	4500
46	Klein	Malloch	2000
47	Little	Beetham	2500
48	S F College	Paganini	3000
49	.....	Cleveland	.....
65	Ettling	Owner	5000
66	Gilpin	Duerner	4000
67	Gilpin	Duerner	4000
68	Horner	Owner	4000
69	Johnson	Owner	4000
70	Lusardi	Massagli	4000
71	Lee Nisc	Owner	4000
72	Schoenderby	Salheim	1547
73	Slovenlan	Vukicevich	2000
74	Wells Fargo	MacDonald	10000
75	Asher	Progressive	4000
76	Costa	Hansen	9500
77	Galina	Owner	2500
78	Jacobelli	Owner	3750
79	Karastell	Workshop	1693
80	Mack	Thulin	1000
81-84	Meyer	Owner	3500
85	Meyer	Owner	4000
86	Norton	Malloch	6000
87	Westerfeld	Progressive	4000
88	Arenz	Hardy	4500
89	Backman	Owner	4000
90	Bloom	O'Brien	1000
91	Del Welch	Marshall	31245
92	Fuller	Ostlund	2000
93	Goldberg	Mattock	6500
94-95	Grahn	Owner	3000
96	Keenan	Coburn	2000
97	Leidmano	Barber	3500
98	McCabe	Owner	5000
99	Costell	Owner	4000
100	Kohlmelster	Owner	22500
101	Leidmano	Barber	3500
102	Mignacco	Cobby	1000
103	Reis	Mullen	4500
104	Union Oil	Stolte	2900

**DWELLING**  
(31) E ALEMANY BLVD. 80 S Mt. Vernon. One-story frame dwelling and basement.  
Owner and Builder—Aero Bldg. Co., 5401 Mission Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(32) E DOUGLAS 101 S 26th St. One-story frame dwelling.  
Owner—R M Haight, 3366 22nd St.  
Contractor—Williams Const. Co., 3366 22nd Street.  
Architect—Not Given. \$5,500

**DWELLING**  
(33) W ALMADEN COURT 215 Ft. N Anza. One-story frame dwelling and basement.  
Owner—Alan and Dorothy L. Janow, 19 Parker Avenue.  
Contractor—Frank F. Nelson, Inc., 2 Edgell Way.  
Plans by Contractor. \$7,000

**DWELLING**  
(34) W SIDE GRAYSTONE Ter. 200 Ft. S Twin Peaks Blvd. Two-story frame dwelling and basement.  
Owner—Jos L. and Mary F. Pritchard, 291 Corbett Avenue.  
Contractor—Frank F. Nelson, Inc., 2 Edgell Way.  
Plans by Contractor. \$6,000

**DWELLING**  
(35) NW WOODACRE DR 90 NE Ocean Avenue. One-story frame dwelling.  
Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
Architect—Not Given. \$5,000

**DWELLING**  
(36) E NINTH AVE. 102 S Mesa. Two-story frame dwelling.  
Owner—Russell J. Thomas, 114 Sansome Street.  
Contractor—E. W. Perkins, 3500 Fulton Street.  
Architect—Not Given. \$7,000

**ALTERATIONS**  
(37) 89 BELCHER ST. Alter factory.  
Owner—Gene F. Wiley, 42 Landers.  
Architect—Not Given. \$1400

(38) W MAYWOOD 628 SW Yerba Buena. Two-story frame dwelling and basement.  
Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood.  
Architect—Earl MacDonald, 110 Sutter Street. \$5,000

**DWELLING**  
(39) W MAYWOOD DR. 412 S Yerba Buena Street. Two-story frame dwelling and basement.  
Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood.  
Architect—Earl MacDonald, 110 Sutter Street. \$5,000

**DWELLING**  
(40) W SIDE SAN Marcus 335 W Santa Rita Ave. Two-story frame dwelling and basement.  
Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood.  
Architect—Earl MacDonald, 110 Sutter Street. \$5,000

**DWELLING**  
(41) SE COR MAYWOOD DR and Ravenwood. Two-story frame dwelling and basement.  
Owner and Builder—Paul A. Wolter, Jr., 90 Ravenwood.  
Architect—Earl MacDonald, 110 Sutter Street. \$5,000

**DWELLINGS**  
(42) W SIDE 37th AVE. 175 ft. S Irving Street. Two-story frame dwelling and basement.  
Owner and Builder—C. O. Blincoe, 2663 15th Ave.  
Architect—B K. Dohkowitz, 425 Monterey Blvd. \$5,000

**DWELLINGS**  
(43) W 42nd AVE 275 S Judah St. One-story frame dwelling and basement.  
Owner—John J. Cadden, 4130 Irving Street.  
Contractor—Robinson and Johnston, 180 Oakland.  
Architect—Not Given. \$4,000

**DWELLINGS**  
(44) E 22nd AVE. 85 N Judah St. One-story frame dwelling and basement.  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4500

**DWELLINGS**  
(45) E 22nd AVE. 85 N Judah St. One-story frame dwelling and basement.  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4500

(46) 14 SIXTH AVE. Alter dwelling.  
Owner—Henry O. Klein, c/o builder. Contractor—J. S. Malloch, 666 Mission Street.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(47) 1876 POST ST. Alter hotel.  
Owner—Florence Little, Palaley Hotel, 432 Geary St.  
Mgr. of Const.—A. H. Beetham, 3555 18th Street.  
Architect—Not Given. \$2,800

**FACTORY**  
(48) S SIDE ST. Roses W Masonic. One-story Class C factory.  
Owner—San Francisco College for Women, Turk and Parker Ave.  
Contractor—David Paganini, 617 Montgomery Street.  
Architect—H. A. Minton, 525 Market Street. \$3,000

**DEMOLISH**  
(49) 30-40 NATOMA St. Demolish 3-story brick building.  
Owner—Not Given.  
Contractor—Cleveland Wrecking Co., 140 First Street. \$.....

**DEMOLISH**  
(50) 401 MISSION ST. Demolish 5-story brick building.  
Owner—Not Given.  
Contractor—Cleveland Wrecking Co., 140 First Street. \$.....

**ALTERATIONS**  
(65) 2215 POWELL ST. Alter restaurant.  
Owner and Contractor—Harry Ettling, 2215 Golden Gate Theater.  
Architect—Not Given. \$5,000

**DWELLING**  
(66) S JUDAH ST. 95 E 18th Ave. One-story frame dwelling and basement.  
Owner—Thos. Gilpin, 301 Evergreen.  
Contractor—Jas. C. Duerner, 301 Evergreen.  
Architect—Not Given. \$4,000

**DWELLING**  
(67) S JUDAH ST. 95 W 17th Ave. One-story frame dwelling and basement.  
Owner—Thos. Gilpin, 301 Evergreen.  
Contractor—Jas. C. Duerner, 301 Evergreen.  
Architect—Not Given. \$4,000

**WAREHOUSE**  
(68) S TENNESSEE 100 W 23rd. One-story frame warehouse.  
Owner and Builder—Chas. B. Horner, 991 Tennessee.  
Architect—Not Given. \$4,000

**DWELLING**  
(69) SE 18th and VICENTE. One-story frame dwelling and basement.  
Owner and Builder—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4,000

**GARAGE**  
(70) W GILBERT 250 S Bryant St. Concrete garage.  
Owner—C. Lusardi, 32 Gilbert St.  
Contractor—Albert Massagli, 3821 Geary Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(71) E 45th AVE. 150 N Kirkham. One-story frame dwelling.  
Owner and Builder—Lee Nisc, 4127 Kirkham Street.  
Architect—Geo. Cantrell, 325 Fremont Street. \$4,000

**ALTERATIONS**  
(72) 2371 DIAMOND Street. Alter dwelling.  
Owner—Amanda Schoenderby, prem.  
Contractor—E. Salheim Co., 400 2nd Avenue.  
Architect—Not Given. \$1,547

**ALTERATIONS**  
(73) 2101 MARIPOSA. Alter hall.  
Owner—Slovenian Hall, premises.  
Contractor—M. E. Vukicovich, 6 66 Misslon Street.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(74) SW GOLDEN GATE Avenue and Hyde St. Alter store.  
Owner—Wells Fargo Bank & Union Trust Co., Montgomery and Market Streets.  
Contractor—MacDonald & Kahn, Financial Center Bldg.  
Architect—George De Colmesnil, 1602 deYoung Bldg.  
Engineer—Robert Fisher, 111 Sutter Street. \$10,000

**DWELLING**  
(75) E. 36TH AVE., 180 N CABRILLO. One-story frame dwelling.  
Owner—Wm. Asher, c/o contractor.  
Contractor—Progressive Bldg. Co., 231 Bosworth.  
Architect—Donnell E. Jaekle, 126 Post. \$4000

**APARTMENTS**  
(76) E. HAMPSHIRE, 100 S 22ND ST. Two-story frame apts.  
Owner—Angelo Costa, 615 1/2 York.  
Contractor—Samuel H. Hansen, 1660 Revere.  
Architect—Not Given. \$9500

**ALTERATIONS**  
(77) SE COLERIDGE AND HEYMAN. Alter apartments.  
Owner—A. S. Gallina, 269 Coleridge.  
Architect—G. A. Berger, 308 Valencia. \$2,500

**DWELLING**  
(78) NE MT. VERNON, 52 NW OF TARA. One-story frame dwelling.  
Owner—S. Jacobelli, 620 Mt. Vernon.  
Architect—Not Given. \$3750

**ALTERATIONS**  
(79) SE TENTH & MARKET. Alter store.  
Owner—Karaston Rug Co., Lessee, 150 New Montgomery.  
Contractor—The Workshop Studios, 310 7th St.  
Architect—Not Given. \$1693

**REPAIRS**  
(80) 2628 BRODERICK. Repair fire damage to dwelling.  
Owner—Ronald R. Mack, c/o Contractor.  
Contractor—A. L. Thulin, 63 Brady.  
Architect—Not Given. \$1000

**DWELLING**  
(81) S. TERESITA, 302 E VERNA. One-story frame dwelling.  
Owner—Meyer Bros., 732 Portola.  
Architect—Not Given. \$3500

**DWELLING**  
(82) S. TERESITA, 378 E VERNA. One-story frame dwelling.  
Owner—Meyer Bros., 732 Portola.  
Architect—Not Given. \$3500

**DWELLING**  
(83) S. TERESITA, 352 E VERNA. One-story frame dwelling.  
Owner—Meyer Bros., 732 Portola.  
Architect—Not Given. \$3500

**DWELLING**  
(84) S. TERESITA, 327 E VERNA. One-story frame dwelling.  
Owner—Meyer Bros., 732 Portola.  
Architect—Not Given. \$3500

**DWELLING**  
(85) S. TERESITA, 406 E VERNA. One-story frame dwelling.  
Owner—Meyer Bros., 732 Portola.  
Architect—Not Given. \$4000

**STORES**  
(86) SE. COR. TARAVAL & 16TH AVE. One-story frame store.  
Owner—Lewis M. Norton, Russ Bldg.  
Contractor—J. S. Malloch, 666 Mission.  
Architect—Not Given. \$6000

**DWELLING**  
(87) E. 36TH AVE., 150 N CABRILLO. One-story frame dwelling.  
Owner—Chas. Westorfeld, c/o Contractor.  
Contractor—Progressive Bldg. Co., 231 Bosworth.  
Architect—Donnell E. Jaekle, 126 Post St. \$4000

**DWELLING**  
(88) E 38th AVE., 200 N Irving St. One-story frame dwelling.  
Owner—John Arenz, c/o contractor.  
Contractor—A. M. Hardy, 736 Clementina Street.  
Architect—Robert Nordin, 1390 Page Street. \$4500

**DWELLING**  
(89) W RAMSELL 450 N Garfield. One-story frame dwelling.  
Owner and Builder—E. E. Backman, 577 Bright.  
Architect—Not Given. \$4,000

**REPAIRS**  
(90) 954 GEARY ST. Repair fire damage to apartments.  
Owner—Geo. Bloom, c/o contractor.  
Contractor—Lloyd O'Brien, 369 Pine.  
Architect—Not Given. \$1,000

**DWELLING**  
(91) N JACKSON 100 E Spruce St. Two-story frame dwelling.  
Owner—Marie Del Welch, c/o architect.  
Contractor—Frank S. Marshall, 909 Ashbury Street.  
Architect—Wm. W. Wurster, 245 California Street.  
Engineer—A. V. Saph, Jr., Rialto Bldg. \$31,245

**ALTERATIONS**  
(92) 1274 MARKET ST. Alter store.  
Owner—W. P. Fuller & Co., 301 Mission Street.  
Contractor—Oshund & Johnson, 1901 Bryant Street.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(93) 3506 WASHINGTON ST. Alter dwelling.  
Owner—J. Goldberg, c/o contractor.  
Contractor—A. F. Mattock Co., 212 Clara Street.  
Architect—Hyman and Appleton, 68 Post Street. \$6,500

**DWELLING**  
(94) S BLANKEN 75 E Nueva. One-story frame dwelling.  
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(95) S BLANKEN 50 E Nueva. One-story frame dwelling.  
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.  
Architect—Not Given. \$3,000

**REPAIRS**  
(96) 395 CAPP ST. Repair fire damage to apartments.  
Owner—J. E. Keenan, c/o contractor.  
Contractor—I. W. Coburn, 2048 Market Street.  
Architect—Not Given. \$2,000

**DWELLING**  
(97) W SAN BRUNO 50 N Hale.

One-story frame dwelling.  
Owner—C. Leiduano, c/o contractor.  
Contractor—H. Barber, 225 College.  
Architect—Not Given. \$3,500

**DWELLING**  
(98) W 26th AVE., 165 S Ocean Ave. One-story frame dwelling.  
Owner and Builder—James W. McCabe, 716 Ulloa St.  
Architect—D. E. Jaekle, 126 Post St. \$5,000

**DWELLING**  
(99) E 8TH AVE., 225 S KIRKHAM. One-story frame dwelling.  
Owner—Michael Costell, 821 34th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(100) W. SEACLIFF AVE., 407 W 27TH. Two-story concrete dwelling and basement.  
Owner—Amanda P. Kohlmeister, 167 22nd Ave.  
Architect—Not Given. \$22,500

**DWELLING**  
(101) W SAN BRUNO AVE., 50 N HALE. One-story and basement frame dwelling.  
Owner—C. Leiduano, Hale and San Bruno.  
Contractor—H. Barber, 325 College Ave.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(102) 178 26TH AVE. Alter dwelling.  
Owner—Mary Mignacco, Prem.  
Contractor—J. W. Cobby & Son, 260 Tehama St.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(103) 2460 POLK & FILBERT. Alter store.  
Owner—H. W. Reis, 1005 Market St.  
Contractor—Mullen Mfg. Co., 60 Rausch St.  
Architect—Not Given. \$4500

**ALTERATIONS**  
(104) GOLDEN GATE AND WEBSTER. Alter service station.  
Owner—Union Oil Co., 67 New Montgomery St.  
Contractor—F. C. Stoitte Co., 1405 San Antonio Ave.  
Architect—Not Given. \$2900

**ALAMEDA COUNTY**

No.	Owner	Contractor	Am't.
31	Whitaker	Abbott	5900
32	Baker	McClure	2000
33	Drexel	Owner	5000
34	Edwards	Ehrman	3500
35	Franciscan	Roberts	1000
37	Mills	Brown	7500
38	Williams	Swanstrom	7000
39	Carver	Walker	6000
40	Fidelity	Davis	5000
No.	Owner	Contractor	Am't.
41	Nelson	Milton	3500
42	Richardson	Owner	6500
43	W. Coast	Mills	2000
44	Barts	Unit Bilt	1500
45	Brown	Myers	1000
46	Capital	Lynn	1000
47	Glass	Milton	1000
48	Hayward	Owner	3000
49	Oliver	Farringer	5000
50	Pfrang	Owner	7500
51	Thatcher	Griffith	2900
52	Allen	Allen	3000
53	Clochetti	Marletta	4400
54	Kellog	Owner	3000
55	Smith	Newman	5000
56	Bohannon	Owner	5000
57-58	Bohannon	Owner	5500
59-60	Bohannon	Owner	6000
61	Cairns	Whelan	4500
62	Fuller	Muller	8000
63	Guaranty	Owner	4100
64	King	Rose	3000
65	Laumelster	Owner	1500
66	Oakley	Nelson	1200
67	Brennan	Owner	4500
68	Vest	Owner	2000

## RESIDENCE

(31) 328 SCENIC AVE., PIEDMONT. Two-story 6-room residence and garage.  
Owner—Mr. and Mrs. Laurie Whitaker, 291 Scenic Ave., Piedmont.  
Contractor—Park Abbott, 1432 Fifth Ave., Oakland.  
Architect—John E. Fennay, 1700 Financial Center Bldg., Oakland.  
\$5900

## ALTERATIONS

(32) 3509-11-15 BROADWAY, OAKLAND. Alterations to apts.  
Owner—E. Carlton Baker, Prem.  
Contractor—S. & S. McClure Co., 506 Ramona St., Albany.  
Architect—Not Given.  
\$2000

## DWELLING

(33) 100 DUNCAN WAY, OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Drexel Heater, 4850 Webster St.  
Architect—Not Given.  
\$5000

## DWELLING

(34) 9821 OLIVE ST., OAKLAND. One-story 5-room dwelling.  
Owner—Tine B. Edwards, 615 4th St., San Francisco.  
Contractor—Ehrman & Major, 3307 Champton St.  
Also garage, \$200.  
Architect—Not Given.  
\$3500

## WRECK BUILDING

(35) 1500 34TH AVE., OAKLAND. Wreck two-story building.  
Owner—Franciscan Fathers, 1500 34th Ave.  
Contractor—C. F. Roberts, 937 Market St.  
Architect—Not Given.  
\$1000

## ALTERATIONS

(36) 1433 MADISON ST., OAKLAND. Alterations.  
Owner—Ahmos Temple Shrine Assn., 13th and Harrison Sts., Oakland.  
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda.  
Architect—Not Given.  
\$3460

## DWELLING

(37) MILLS College Campus, OAKLAND. Two one-story 6-room 2-family dwellings.  
Owner—Mills College, Seminary Ave. and Camden St., Oakland.  
Contractor—John G. Brown, 5500 La Verne Ave., Oakland.  
Architect—W. H. Ratcliff, 310 American Trust Bldg., Berkeley.  
\$7500 each

(38) 449 SCENIC AVE., PIEDMONT. One-story 7-room residence and garage.

Owner & Builder—H. E. Williams, 539 Croft Road, Oakland.  
Architect—F. H. Slocumbe, 131 Monte Cresta Ave., Oakland.  
\$7,000

## DWELLING

(39) 150 AVENIDA, BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—Bank of America, 401 Spruce St., Berkeley.  
Contractor—J. M. Walker, 401 Spruce Berkeley.  
Architect—Not Given.  
\$6,000

## DWELLING

(40) EUCLID AVE., BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—Fidelity Assn., 2122 Shattuck Ave., Berkeley.  
Contractor—C. H. Davis, 2135 Center St., Berkeley.  
Architect—J. B. Anthony, 2161 Shattuck Ave., Berkeley.  
\$7,000

## DWELLING

(41) 4087 HARDING PLACE, OAKLAND. One-story 5-room dwelling.

Owner & Builder—Henry Nelson, 1039 Cherry Way, Hayward.  
Architect—Not Given.  
\$3500

## DWELLING

(42) 6617 LIGGETT DR., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—H. A. Richardson, 1754 Woodhaven Way.  
Architect—Not Given.  
\$6500

## ALTERATIONS

(43) 301 9TH ST., OAKLAND. Side-wall alterations.  
Owner—West Coast Life Ins. Co., Prem.  
Contractor—Mills Constr. Co., Ninth and Harrison Sts.

## ALTERATIONS

(44) 517 14TH ST., OAKLAND. Alterations.  
Owner—Bart's, Prem.  
Contractor—Unit Bldg. Fixture Co., 243 7th St., San Francisco.  
Architect—Not Given.  
\$1600

## ADDITION

(45) 7514 KRAUSE AVE., OAKLAND. Addition.  
Owner—E. E. Brown, 2493 Mavla St.  
Contractor—J. W. Meyers, 2396 East 14th St.  
Architect—Not Given.  
\$1000

## ALTERATIONS

(46) 1225 KIRKHAM ST., OAKLAND. Alterations.  
Owner—Capital Co., 11th and Broadway.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave.  
Architect—Not Given.  
\$1000

## ADDITION

(47) 5606 FOOTHILL BLVD., OAKLAND. Addition.  
Owner—Ruth Glass, Martinez, Calif.  
Contractor—W. B. Milten, 589 Haddon Road.  
Architect—Not Given.  
\$1000

## DWELLING

(48) 2959 BARRETT ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. D. Hayward, 223 Frisbie St.  
Also 1-story frame garage, \$150.  
Architect—Not Given.  
\$3000

## DWELLING

(49) 800 GLENHOME CIRC., OAKLAND. One-story 5-room dwelling.  
Owner—Frank Oliver, 391 45th St.  
Contractor—Farringer & Spaulding, 1806 Central Ave., Alameda.  
Architect—Not Given.  
\$5000

## DWELLING

(50) 5200 MASONIC AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—C. J. Pfarr, 6306 Clairmont Ave.  
Architect—Not Given.  
\$7500

## DWELLING

(51) 2015 82ND AVE., OAKLAND. One-story 5-room dwelling.  
Owner—S. L. Thatcher, 2420 82nd Ave.  
Contractor—E. O. Griffiths, 1207 60th Ave.  
Also 1-story frame garage, \$100.  
Architect—Not Given.  
\$2900

## DWELLING

(52) 1212 CORNELL, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—E. Allen, 5050 Dover Street, Oakland.  
Contractor—E. W. Allen, 5050 Dover St., Oakland.  
Architect—A. F. Doran, 5375 Miles Ave., Oakland.  
\$3000

## DWELLING

(53) 1401 KAINS, BERKELEY. 1-story 5-room frame dwelling and garage.  
Owner—F. Ciochetti, 1200 Stannage.  
Contractor—Chas. Marietti, 1201 Stannage.  
Architect—Not Given.  
\$4400

## DWELLING

(54) 2233 BLAKE, BERKELEY. 1-story 5-room frame dwelling and garage.  
Owner & Builder—A. B. Kellogg, 2231 Blake.  
Architect—Not Given.  
\$3000

## DWELLING

(55) 928 MENDOCINO, BERKELEY. One-story 5-room frame dwelling and garage.  
Owner—R. C. Smith, 1208 Monterey.  
Contractor—H. P. Newman, 1419 Milvia.  
Architect—C. A. Phillips, 1463 Hopkins.  
\$5000

## DWELLING

(56) 3456 MIRASOL AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—David D. Bohannon, 331 17th St.  
Architect—Not Given.  
\$5000

## DWELLING

(57) 3516 MIRASOL AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—David D. Bohannon, 331 17th St.  
Architect—Not Given.  
\$5500

## DWELLING

(58) 3425 MIRASOL AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—David D. Bohannon, 331 17th St.  
Architect—Not Given.  
\$5500

## DWELLING

(59) 3451 MARGARITA AVE., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—David D. Bohannon, 331 17th St.  
Architect—Not Given.  
\$6000

## DWELLING

(60) 3463 MARGARITA AVE., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—David D. Bohannon, 331 17th St.  
Architect—Not Given.  
\$6000

## DWELLING

(61) 5754 COLTON BLVD., OAKLAND. One-story 5-room dwelling.  
Owner—M. A. Cairns, Modesto, Calif.  
Contractor—Whalin Bros., 2942 23rd Ave.  
Architect—Not Given.  
\$4800

## ADDITION

(62) 301 3RD ST., OAKLAND. Addition to warehouse.  
Owner—W. P. Fuller & Co., Tenth & Alice Sts.  
Contractor—F. A. Muller, 1416 Jefferson St.  
Architect—C. S. Replogle.  
\$8000

## DWELLINGS (2)

(63) 3075-3101 CARLSEN STREET, OAKLAND. One-story 5-room dwellings (2).  
Owner & Builder—Guaranty Home Bldg. Co., 3275 Morcom Ave.

## REPAIRS

(64) 1620 7TH ST., OAKLAND. Fire repairs.  
Owner—Allen King, Prem.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given.  
\$3000

## DWELLING

(65) 4300 HARBOR VIEW AVE.,

**OAKLAND.** One-story 3-room dwelling.  
 Owner and Builder—L. Lanmeister, 4300 Harbor View Ave.  
 Architect—Not Given. \$1500

**ALTERATIONS**  
 (66) 292 LEE ST., OAKLAND. Alterations.  
 Owner—A. G. Oakley, Prem.  
 Contractor—Wm. H. Nelson, 2017 Stuart St., Berkeley.  
 Architect—Not Given. \$1,400

**DWELLING**  
 (67) 1510 NORTH ST., BERKELEY. One-story 5-room frame dwelling and garage.  
 Owner & Builder—J. P. Brennan, 370 17th St., Oakland.  
 Architect—C. H. Treichel, 696 Cleveland, Oakland. \$4,000

**DWELLING**  
 (68) 170 LINCOLN, BERKELEY. One-story 4-room frame dwelling and garage.  
 Owner & Builder—G. O. Vest, 1632 McGe. Architect—Not Given. \$2000

**ALTERATIONS**  
 (69) 2811 1/2 BENVENUE, BERKELEY Alterations.  
 Owner—Mrs. Westenberg, Prem.  
 Contractor—Guy Tyler & Sons, 1502 Cedar.  
 Architect—Not Given. \$101

**BUILDING CONTRACTS SAN FRANCISCO COUNTY**

No. Owner	Contractor	Amt.
114 Bothin	Anderson	6220
116 H. S. Crocker	Hawkins	9411
117 Union Oil	Stolte	825
118 Union Oil	Stolte	2588

**ALTERATIONS**  
 (120) 205-209 SECOND ST. Miscellaneous alterations to stores and flats—2-story building.  
 Owner—Ellen Chabot Bothin, 604 Mission.  
 Architect—George W. Travis, 604 Mission.

Contractor—E. A. Anderson & Son. Filed June 10, '37. Dated May 12, '37. When roughed in, complete \$1555. When brown coated 1555. When comp. & accepted 1555. Usual 35 days. TOTAL COST, \$6,220. Limit, 60 working days. Plans and specifications filed.

**CONVERSION**  
 (116) SW COR 10TH & BRYANT STS. Convert existing sprinklers in building at above location from gravity system to pressure system.  
 Owner—H. S. Crocker Co.  
 Architect—Alfred Henry Jacobs, 110 Sutter St.  
 Contractor—E. A. Hawkins & Co. Filed June 16, '37. Dated June 16, '37. 75% when completed; balance, usual 35 days.

TOTAL COST, \$9,411. Bond, \$9,503. Surety, Inland Bonding Co., South Bend, Ind. Limit, 125 calendar days. Plans and specifications filed.

**ALTERATIONS**  
 (117) NW 3RD ST. AND EVANS Miscellaneous alterations to service station at above location.  
 Owner—Union Oil Co. of California, Los Angeles, Calif.  
 Plans by Owner.  
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.  
 Filed June 15, '37. Dated June 9, '37. 75% within 5 days after completion; balance, usual 35 days.  
 TOTAL COST, \$825.00. Limit, 14 days. Plans and specifications filed.

**ALTERATIONS**  
 (118) NW GOLDEN GATE AND WEBSTER. Miscellaneous alterations and additions to service station at above location.  
 Owner—Union Oil Co. of California, Los Angeles, Calif.  
 Plans by Owner.  
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.  
 Filed June 15, '37. Dated June 7, '37. 75% within 5 days after completion; balance, usual 35 days.  
 TOTAL COST, \$2,588. Limit, 30 days. Plans and specifications filed.

**BUILDING CONTRACTS ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
54 P. T. & T.	Lockwood	1100
66 Kirk	Nicholson	1855

**PAINTING**  
 (64) 1649 12th AVENUE, Oakland. Painting telephone building, Meritt office.  
 Owner—Pacific T. & T. Co. Architect—Not Given.  
 Contractor—Guy L. and C. L. Roby. Filed, June 11, '37. Dated, Apr. 29, '37. Completion 75%. 40 days after 25%.  
 TOTAL COST, \$1,100. Bond, \$1,100. Sureties, Pacific Indemnity Co. Limit, 14 days. Plans and specifications filed.

**RESIDENCE**  
 (66) LOT 37 BLK 2, Lakeshore Highlands, Oakland. Frame residence and garage.  
 Owner—Dr. M. E. Kirk. Architect—Wm. Edw. Schlrmer. Contractor—D. W. Nicholson. Filed, June 12, '37. Dated, May 21, '37. 1st day of each month 75%. Usual 35 days after 25%.  
 TOTAL COST, \$11,855.86. Limit, 100 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

**DWELLING**, 1-story frame, \$450; S. Rowland, 137 N Pacific; owner, P. Gogua, 838 Sansome.  
**FLUES**, \$50; 1951 Revere; owner, G. B. Tedesco, 1653 Grant.  
**SIGN**, electric, \$150; 578 Market St.; owner, H. Suttiff Pipe Shop, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.  
**ALTER** dwelling, \$100; 84 Eagle; owner, F. Irving Harris, Prem.  
**ALTER** store, \$485; 508 Castro; owner, American Trust Co., 464 California; contractor, M. M. Bowman, 118 Church.

**WOODSHED**, 1-story frame, \$25; rear 2355 Union; owner, Chas. G. Arnold, 369 Arlington.  
**FLUES**, \$100; 421 Bianken; owner, Wm. Grahn, 2965 Mission; contractor, N. Burianni, 2555 San Bruno.

**ALTER** flats, \$900; 1623 Buchanan; owner, Y. Shozaki, Prem.; contractor, S. Handa, 1864 Sutter.

**BILLBOARD**, \$7; E. Columbus, 109 S Bay; owner, Foster & Kleiser Co., 1675 Eddy St.

**SIGN**, electric, \$250; Market & Golden Gate; owner, Glaser Brothers, Prem.; contractor, Elec. Products Corp., 910 Harrison.

**ALTER** flats, \$75; 509-311 Fell St.; owner, Alexander Boodberg, 700 Mason.

**SIGN**, electric, \$100; 1784 Haight; owner, Garden Shack, Prem.; contractor, Neon Sign Service Co., 1707 Folsom.

**ALTER** dwelling, \$90; 1731 9th Ave.; owner, E. C. Reavchamp, Prem.

**ALTER** dwelling, \$100; 127 St. Mary;

owner, —; contractor, A. E. Augenstein, Jr., 132 Judson.  
**BILLBOARD**, \$7; S. Bay, 75 W of Columbus; owner, Foster & Kleiser Co., 1675 Eddy.  
**SIGN**, electric, \$150; 951 Folsom; owner, Del Norte Garage, Prem.; contractor, Elec. Prod. Corp., 910 Harrison.

**ALTER** store, \$50; 1208 Fell; owner, A. Sharer, 1527 Fulton.  
**ALTER** apartments, \$75; 1846 Fillmore; owner, A. Gromecke, 2087 Sutter; contractor, J. R. Shields, 1928 Post.

**FLUES**, \$100; 75 Waterville; owner, O'Neil Bros., 150 Sherwood; contractor, N. Burianni, 2355 San Bruno.

**REPAIR** fire damage to apts., \$500; 42 Rausch; owner, J. Koslowak, 40 Rausch; contractor, Ira W. Coburn, 2048 Market.

**ALTER** dwelling, \$35; 480 Third Ave.; owner, Empire Heating Co., 2707 Geary Blvd.

**ALTER** store, \$400; 3559 20th St.; owner, Mr. Carter, Prem.; contractor, P. Frandsen, 142 Belvedere St.

**DWELLING**, 2-story and basement frame dwelling, \$450; S. Rowland, 137 N Pacific; owner, P. Gogua, 838 Sansome St.

**ALTER** dwelling, \$900; 4156 22nd St.; owner, B. Ashford, Prem.; contractor, Knute Johnsen, 1310 Sanchez.

**ALTER** dwelling, \$200; 2515 Gough St.; owner, Howard Marshall, Prem.; architect, Eldridge T. Spencer, 399 Pine St.

**ALTER** dwelling, \$150; 481 Diamond St.; owner, John Foian, 3458 25th St.

**ALTER** restaurant, \$250; 550 Broadway; owner, Buon Gusto Restaurant, Prem.; contractor, S. A. Guisti Co., 200 Green St.

**FLUE**, \$20; 743 Madrid St.; owner, C. Cramerding, Prem.; contractor, J. E. Demold, 2720 McAllister St.

**ALTER** office, \$250; 179 3rd Street; owner, Mr. Ben Blumenthal, 179 Third St.

**ALTER** garage, \$250; 2629 Diamond St.; owner, E. Maring, Prem.; contractor, Mark Teza, 2668 Diamond St.

**ALTER** service station, \$900; Third and Evans, SE Cor.; owner, Union Oil Co., 67 New Montgomery; contractor, L. C. Stolte Co., 1405 San Antonio Ave.

**ALTER** store, \$850; 5189 Third St.; owner, J. Catania, Prem.; contractor, Joe Yrigoyen, 31 Thornton Ave.

**ALAMEDA COUNTY PERMITS**

**ALTERATIONS**, \$50; 1744 E. 22nd St., Oakland; owner and contractor, Walter Mitchell, 1744 East 22nd St.

**ADDITION**, \$650; 2417 8th Avenue, Oakland; owner, W. R. Chaput, Prem.; contractor, F. S. Taylor, 1622 Harrison St.

**ALTERATIONS**, \$489; 3896 Webster St., Oakland; owner, Mrs. Finska, 10 Monte St., Piedmont; contractor, Robert Beck, 5354 Miles Ave., Oakland; owner and contractor, Margaret A. James, 705 34th St.

**REPAIR**, \$148; 8424 Alexander Ct., Oakland; owner, Mr. A. Delp, 1935 Crosby Ave.; contractor, W. H. Sankey, 828 31st St.

**ALTERATIONS**, \$100; 1517 Franklin St., Oakland; owner, M. Samon, St. Mark Hotel; contractor, L. Golden, 505 E. 14th St.

**REPAIRS**, sidewalk, \$6; 1301 Broadway, Oakland; owner, M. Bruecker, Prem.; contractor, P. M. Henning, 540 25th St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bridges                      | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres              |
| 7.—Federal Buildings            | 18.—Wharves & Docks                         |
| 8.—Club Buildings               | 19.—Misc. Const.                            |
| 9.—Hospitals                    | 20.—Misc. Supplies & Hotels                 |

## 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$127,000  
**FRESNO, Fresno Co., Calif.** 330-343 North Van Ness Avenue.  
 Apartment building and garage.  
 Owner—R. F. Hall, 335 North Van Ness Ave., Fresno.  
 Architect—Not Given.  
 Contractor—L. B. Pipes, 935 Echo St., Fresno.

**Completing Working Drawings**  
**APARTMENT COURT** Cost, \$30,000  
**SALINAS, Monterey Co., Calif.**  
 Two-story apartment court (12 four-room apts.), stucco exterior, hardwood floors, individual gas heat, electric refrigeration, wood and steel sash, etc.  
 Owner—Withheld.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.  
 Plans will be completed and bids asked within a few days.

**Sub Bids Wanted**  
**APARTMENTS** Cost, \$20,000  
**RENO, Nevada**  
 Two-story modern apartment building (two four apartments), each containing living room, dinette, kitchenette, bedroom, bath and foyer, concrete and steel construction; individual entrances, individual oil burning heating units, exterior with Johns-Manville steel, insulated with rock mineral wool, plaster interior, tile baths, electric refrigerators, etc. (first unit of 12 apartments).  
 Owner—Name Withheld.  
 Architect—Mark Daniels, 101 Post St., San Francisco

**Structural Engineer—C. Jefferson**  
 815, 306 Charleston Bldg., 251 Kearny St., San Francisco.  
 Sub-bids are now being received by the architect.

**Contract Awarded**  
**APARTMENTS** Cost, \$10,000  
**SAN FRANCISCO** E Hampshire St., 100 E. S. of 22nd Street.  
 Two-story frame apartment bldg.  
 Owner—Angelo Costa, 615½ York Dr., Architect—Not Given.  
 Revere Street.  
 Contractor—Samuel H. Hansen, 1650

## 4—FACTORIES & WAREHOUSE

**Contract Awarded**  
**ADDITION** Contract Price, \$10,085  
**LODI, San Joaquin Co., Calif.**  
 Reinforced concrete addition to winery (38x112-ft.) concrete floors, reinforced concrete walls, wooden roof with composition roofing, 1-inch firetex or celotex insula-

tion, etc. (Sherry room and dry wine storage).

**Owner—Eastside Winery (Reuben R. Rott, Manager) Lodi.**  
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
 Contractor—Geo. Wallace, Escalon.

## CONTRACT AWARDED

**LOS ANGELES, Calif.—Atlas Construction Co., 39 Congress St., Pasadena, awarded contract for construction of an addition to the W. F. Goodrich Rubber Co.'s plant at 5400 E. 9th St., Los Angeles. Wm. Mellema, architect and engineer, 1661½ Beverly Blvd., Los Angeles.**

## FIRE LOSS

**SACRAMENTO.—Plant and offices of McGillivray Construction Co., 65th Street and Polson Boulevard, Sacramento, were damaged by fire this week, with loss to equipment and structures unofficially estimated at \$200,000.**

**Sub Contracts Awarded**  
**FACTORY ADDITION** Cost, \$80,000  
**SAN FRANCISCO, Calif.** 17th and Rhode Island Sts.  
 Reinforced concrete addition to can factory (86 x 200 feet), elevator, spiral chutes, etc.  
 Owner—Western Can Company.  
 Architect—Eng. Leland S. Rosener, 233 Sansome St.

**Contractor—Barrett & Hulp, 918 Harrison Street.**  
**Carpentry Lumber—McCallum Lbr. Co., 748 Bryant St.**  
**Form Lumber—Loop Lumber Co., Central Basin.**  
**Structural Steel—Western Iron Wks., 141 Beale St.**  
**Steel Form—Steelform Contracting Co., 688 Harrison St.**  
**Steel Tank—Western Pipe & Steel Co., 444 Market St.**  
 As previously reported:  
**Readymix Concrete—Readymix Concrete Co., Ltd., Carolina and Mariposa Streets.**  
**Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave.**

**Plans Being Figured**  
**PACKING PLANT** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif.**  
 6th and Keyes Sts.  
 One-story packing plant (51 x 120 ft.), cement floors, corrugated iron exterior, wood sash, etc.  
 Owner—Pacific Coast Nut House, 3rd and Keyes Sts., San Jose.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.

Bids are being received by the owner from a selected list of contractors.

## 6—GARAGES & SERVICE STATIONS

**Additional Sub Contract Awarded**  
**SERVICE STATION** Cost, \$14,000  
**SAN FRANCISCO** SE Cor. Tenth and Bryant Streets.  
 New steel gasoline service station.  
 Owner—Associated Oil Company, 79 New Montgomery Street.  
 Architect—Vincent G. Raney, 233 Post Street.  
 Contractor—Fred J. Early, Jr., 369 Pine Street.  
 Plumbing—J. E. O'Mara, 2720 McAlister St.

As previously reported:  
**Grading—Sibley Grading & Teaming Co. Ltd., 165 Landers St., San Francisco.**  
**Electric Work—Colloman Electric & Mfg. Co., 3201 Mission St., San Francisco.**

**Lumber—Allen & Dettman, 2000 Evans Ave., San Francisco.**

**Wrecking contract let to Symon Bros., 1435 Market St., and contract for steel work let to Michel & Pfeffer Iron Works, 10th and Harrison.**

**Contract Awarded**  
**SERVICE STATION,**  
**SAN FRANCISCO, 3rd and Evans Streets.**

**Gasoline service station.**  
 Owner—Union Oil Co., 220 Montgomery Street.  
 Architect—Plans by Engineering Dept. of Owner.  
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
**SERVICE STATION**  
**SAN FRANCISCO, Golden Gate and Webster Sts.**

**Gasoline service station.**  
 Owner—Union Oil Co., 220 Montgomery St.,  
 Architect—Plans by Engineering Dept. of Owner.  
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

## 7—FEDERAL BUILDINGS

**LOW BIDDERS**  
**LOS ANGELES, Calif.—Mtnal Gas Equipment Company, Los Angeles, at \$17,290, submitted low bid to the Veterans' Administration, Washington, D. C., for gas and oil burning equipment at the Veterans' Administration Facilities, Los Angeles, under Spec. No. 3753-H.**  
 Second low bid submitted by Western Engineering Company, Tulsa, Okla., at \$20,860.

## BIDS WANTED

**SACRAMENTO, Calif.—Until July 13, 2 P.M. (as previously reported), bids will be received by Constructing Quartermaster, War Department, Sacramento, for the construction of an equipment repair building, A.C. operations office building, and A.C. engineering office building at Sacramento Air Depot.**

The operating office and engineering office buildings will be two-story reinforced concrete annexes to the engineering shop. They will measure 40 by 87 feet.

The equipment repair building will be a two-story, reinforced concrete building, measuring 200 by 60 feet.

Estimated cost of the three buildings is \$190,000.

Specification numbers are as follows: Equip. Repair Bldg., 379-E; Engineering Office, 385-E; Air Corps Operations Bldg., 385-E.

Plans and specifications obtainable from the above office upon deposit of \$25.

**Bids Wanted—To Close July 29**  
**POSTOFFICE** Cost, \$315,000  
**SAN FRANCISCO, MONICA, Los Angeles Co., Calif.**

**United States Post Office.**  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Washington, D. C.

## BID OPENED

**ALCATRAZ ISLAND—Scott Co., Inc., 243 Minna St., at \$1,011, submitted only bid to the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Spec. No. 49, for complete liquefied gas system and hot water tank at the U. S. Penitentiary, Alcatraz.**

**BIDS OPENED**

ALCATRAZ ISLAND.—A. E. Gordon Painting Company, 141 Morris St., at \$1,321, submitted low bid to the Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Spec. No. 50, for painting two towers and walkways at the U. S. Penitentiary, Alcatraz.

Complete bids follow:  
 A. E. Gordon Painting Co. \$1321  
 R. P. Paoli & Co. 1145  
 John C. Esley & Co. 1950  
 Patterson Bros., Berkeley 1995  
 Cramer Bros. 2165  
 W. G. Thompson 2200

**CONTRACT AWARDED**

HOLLYWOOD, Calif.—The Robbins Mfg. Co., Chicago, Ill., at \$854, awarded contract by the Procurement Division, Washington, D. C., for insect screens at the U. S. Post Office at Hollywood.

**LOW BIDDERS**

POINT ARGUELLO, Santa Barbara Co., Cal.—Shanahan Bros., 6181 Eastern Ave., Station K, Los Angeles, at \$105,000, submitted low bid to the U. S. Coast Guard, Washington, D. C., for a boat house, 46x62 ft. and a marine launchway, 308 ft. in length, to be built on Point Arguello, Santa Barbara Co. Work will involve concrete filled steel piers, treated timber cribwork and timber trackways and stairs.

Second low bid submitted by Bennett & Taylor, Los Angeles, at \$150,040.

**BIDS OPENED**

WEIMAR, Placer Co., Calif.—As previously reported, H. W. Robertson, 7004 F St., Sacramento, at \$52,898, submitted low bid to the Department of the Interior, Washington, D. C., for construction of a hospital building and employees' cottage at Wellman, Sacramento Agency, 14 miles north of Auburn.

Complete bids follow:  
 H. W. Robertson, Sacramento, Cal.—Item I, \$52,898; Alt. A ded. \$9,130.  
 Willis F. Lynn, Oakland, Calif.—Item I, \$69,577; Alt. A ded. \$10,624.  
 J. C. Meyers, Stockton, Calif.—Item I, \$61,220; Alt. A ded. \$8,050.  
 Campbell Constr. Co., Sacramento, Calif.—Item I, \$63,136; Alt. A ded. \$10,000.  
 Lindgren & Swinerton, Inc., San Francisco—Item I, \$64,224; Alt. A ded. \$10,000

**LOW BIDDERS**

SAN DIEGO, Calif.—F. E. Young, 727 W. Ivy St., San Diego, submitted low bid to the 11th Naval District, June 10, at \$350, for improvements to form fire protection system at the Naval Fuel Depot, San Diego; Spec. 8456. A. O. Reed & Co. bid \$4245

**LOW BIDDERS**

POINT ARGUELLA, Santa Barbara Co., Calif.—Lehigh Structural Steel Co., Allentown, Pa., submitted low bid to the U. S. Coast Guard June 10, at \$870, for Item 1 and \$2100 for Item 2, for steel towers on Point Arguella.

**BIDS REJECTED**

LIVERMORE, Alameda Co., Calif.—Veterans' Administration, Washington, D. C., rejected all bids submitted May 11, for the construction of the Infirmary Ward Building and Connecting Corridor at the Veterans' Administration Facility, Livermore.

The work includes walks, grading and drainage, reinforced concrete, brick work, slate stair treads, marble work, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel cabinets and shelving, built-up roofing, metal lathing, plastering, carpentry, acoustical treatment, insulation, met-

al weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc.

L. Dioguardi, Route 1, Box 345, Sebastopol, at \$102,000, submitted basic low bid.

**Sub Contract Awarded**

MFG PLANT Cost, \$150,000  
 SAN FRANCISCO, Stewart St., bet. Howard and Folsom Streets.  
 Two-story steel and concrete manufacturing plant for dry ice and carbonic gas (brick panel walls).  
 Owner—The Liquid Carbonic Pacific Corp., Ltd., 539 Mission St.  
 Plans by Construction Department of Owner, Chicago Office.  
 Consulting Engineer—Leland Rosemer, 238 Sansome St.  
 Mechanical Engineer—Liebermann & Hein, 190 N. State St., Chicago.  
 Contractor—L. C. Dunn, 424 Monadnock Bldg.  
 Plastering—A. Knowles, 982 Bryant Street.

Sub contracts awarded to date published Mar. 18 and Mar. 30.

**BIDS OPENED**

VACAVILLE, Solano Co., Calif.—Studio of Architectural Sculpture, Washington, D. C., at \$93, submitted low bid to the Procurement Division, Washington, D. C., for plaster models, U. S. P. O., Vacaville.

**BIDS OPENED**

FORT MASON—Kinnear Mfg. Co., 361 Brannan St., San Francisco, at \$846, submitted the low bid to the office of Major H. P. Wilkinson, Port Quartermaster, Fort Mason, under Bid No. 552-PQM-37-3, for furnishing and installing 22 new steel rolling doors on old portion of Pier Shed No. 1 (Bldg. 47), Fort Mason.

Bids will be taken as follows:  
 (1) Work complete, furnishing and installing 22 new steel rolling doors;  
 (2) If one or more doors are omitted (the number not to exceed five), deduct from Item 1;  
 (3) If compressed air, at 90 lbs. pressure, is furnished free by the Government, deduct from Item 1. The door openings are approximately 16 feet wide by 17 feet 9 inches high.

Total bids follow:  
 Kinnear Mfg. Co., San Francisco—(1) \$3,446; (2 & 3), no bid.  
 Price Bid, Specialties Co., San Francisco—(1) \$12,816; (2) \$582; (3) no bid.  
 G. Wilson Corp., San Francisco—(1) \$10,867; (2) \$490; (3) no bid. \*

**BIDS OPENED**

SAN FRANCISCO.—As previously reported, W. G. Thompson, 336 Church St., at \$1,675, submitted low bid to the Veterans' Administration, Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Complete bids follow:  
 W. G. Thompson, San Francisco: Item (1) \$1,675; (Alt. A) add \$300; (Alt. B) add \$356; (Alt. C) add \$157; (Alt. D) add \$1,912; (Alt. D) add \$125; (Alt. Dc) add \$10.  
 Patterson Bros., Oakland: Item (1) \$3,316 (A) add \$380; (B) add \$589; (C) add \$430; (Da) add \$2,450; (Db) add \$45; (Dc) add \$380.  
 R. P. Paoli & Co., San Francisco: Item (1) \$3,331; (Aa) add \$540; (B) add \$432; (C) add \$498; (Da) add \$4,107; (Db) add \$576; (Dc) add \$276.  
 Shulman-Conroy Painting Co., San Francisco: Item (1) \$5,783.20; (A) add \$391; (B) add \$498.50; (C) add \$322.80 (Da) add \$3,249.75; (Dc) add \$275; (Dc) add \$5.30.

**SUB-BIDS WANTED**

SACRAMENTO, Calif.—Carl N.

Swenson Co., 355 Stockton Ave., San Jose, desires sub-bids on all portions of the work for the construction of the U. S. Government's Barracks-Post Exchange and Hospital buildings at the Sacramento Air Depot, for which bids will be opened June 14, 2 P. M.

Plans prepared by the office of the Quartermaster General, Washington, D. C.

**BIDS OPENED**

MARSHFIELD, Ore.—Standard Iron & Wire Works, Minneapolis, Minn., at \$487, submitted low bid to the Procurement Division, Washington, D. C., for door plates, window grilles, etc., in the U. S. Post Office at Marshfield.

Complete bids follow:  
 Standard Iron & Wire Works, Minneapolis, Minn.—\$487.  
 Public Building Contractors, Bronx, N. Y.—\$494.  
 Usona Mfg. Co., St. Louis, Mo.—\$598.

**CONTRACT AWARDED**

PORT TOWNSEND, Wash.—Neuman Bros., Vacaville, Ore., at \$1,947, awarded contract by the Procurement Division, Washington, D. C., for repainting the exterior of frame buildings at the U. S. Quarantine Station at Port Townsend.

**BIDS OPENED**

LOS ANGELES, Calif.—As previously reported, Robert E. McKee, P. O. Box 219, Metropolitan Station, Los Angeles, at \$75,300, submitted low general bid to the Veterans' Administration, Washington, D. C., for constructing a Subsistence Storehouse Building at the Veterans' Administration Facility, Los Angeles.

Complete bids follow:  
 GENERAL WORK—Robert E. McKee, \$75,300, (a) deduct \$2600; Sarver & Zoss, \$76,300, (a) \$2837; Person & Hollingsworth, 777,990, (a) \$2885; Baruch Corp., 378,64, (a) \$2700; Geo. M. Easton, \$83,400, (a) \$2600; Archibald & Singleton, \$57,200, (a) \$2800; T. A. Allen Constr. Co., \$88,889, (a) \$2800; Arthur Pinner, Jr., \$90,000, (a) \$3100; Schuler & McDonald, \$97,777, (a) \$1,250; Carlo Bongiovanni, \$98,765, (a) \$2500.

ELEVATORS—Otis Elevator Co., \$7678; Kimball Bros., \$4311.

REFRIGERATION—A-I Ice Machine Co., \$24,800; York Ice Machinery Corp., \$25,789; Gay Eng'g. Corp. \$35,810, (alt.) \$26,560; Kohlenberg Eng'g. Corp., \$26,452.

**BIDS OPENED**

UKIAH, Mendocino Co., Calif.—Public Building Contractors, Bronx, N. Y., at \$137, submitted low bid to the Procurement Division, Washington, D. C., for bronze handrails at the U. S. Post Office at Ukiah.

Complete bids follow:  
 Public Building Contractors, Bronx, N. Y.—\$137.

Imperial Bronze Co., Washington, D. C.—\$158.  
 Newman Bros., Inc., Cincinnati, O.—\$218.  
 Arake Iron Works, San Francisco, Calif.—\$230.  
 Michel & Pfeffer Iron Works, San Francisco, Calif.—\$247.  
 Industrial Ornamental Iron, Bronze & Wire Works, San Francisco, Calif.—\$298.

**LOW BIDDERS**

NORME, Alameda—MacDonald Const. Co., 3829 W. Fine Blvd., St. Louis, Mo., at \$352,097, submitted low bid to the Procurement Division, June 8, for construction of the U. S. Post Office and Court House in Nome. James I. Barnes submitted the only other bid, at \$361,500.

## BIDS WANTED

SACRAMENTO, Calif.—Until July 13, 2 p. m., bids will be received by the Constructing Quartermaster, Sacramento, for the construction and completion of the equipment repair building, A. C. Engineering Office Building, and A. C. Engineering Office Building at the Sacramento Air Depot, Sacramento, Calif.

Plans and specifications obtainable from the above office upon deposit of \$25.

## BIDS OPENED

SAN DIEGO, Cal.—Ingle Mfg. Co., 939 W. Grape St., San Diego, at \$399, submitted low bid and was recommended for award of contract to the 11th Naval District, San Diego, under Spec. #489, for relocating and altering ventilating hood over ranges at the 11th Naval District (Hospital) San Diego.

Complete bids follow:

Ingle Mfg. Co., San Diego, \$399.  
Perry - Christianson - Campbell, San Diego, \$435.  
Calif. Sheet Metal Works, San Diego, \$456.  
J. Herman Co., \$495.

## BIDS WANTED

SACRAMENTO, Calif.—Until July 13, 2 P. M., bids will be received by Constructing Quartermaster, War Department, Sacramento, for the construction of an equipment repair building, A. C. operations office bldg., and A. C. engineering office bldg. at Sacramento Air Depot.

The operating office and engineering office buildings will be 2-story reinforced concrete annexes to the engineering shop. They will measure 40 by 87 feet.

The equipment repair building will be a two-story, reinforced concrete building, measuring 200 by 60 feet.

Estimated cost of the three buildings is \$190,000.

## CONTRACT AWARDED

SAN DIEGO, Calif.—Ingle Mfg. Co., 939 W. Grape St., San Diego, at \$399, awarded contract by the 11th Naval District, San Diego, under Spec. No. #489, for relocating and altering ventilating hood over ranges at the 11th Naval District, San Diego.

## SUB-CONTRACTS AWARDED

FRIANT, Fresno Co., Cal.—Following sub-contracts have been awarded by Guy E. Hall, Los Angeles, and W. J. Ochs, Fresno, for the construction of an office building, two dormitories, and 28 residences at the Government Camp at Friant Dam, Central Valley Water Project, about 22 miles north of Fresno:

Plumbing—Scott Co., San Francisco.  
Wiring—American Electric Co., San Francisco.

Milwork Hollenbeck-Bush Planning Mill, Fresno.

Painting Packham & Foster, Bakersfield.

Hardware Barrett-Hicks Co., Fresno.

## BIDS OPENED

SAN DIEGO, Cal.—E. C. Young, 721 W. 1-1/2 St., San Diego, at \$337, submitted low bid to Public Works Officer, San Diego, under Spec. No. #456, for installation of Foam Fire Protection System at the Naval Operating Base, San Diego. Only other bid submitted by A. G. Reed & Co. at \$1248.

## LOW BIDDERS

LOS ANGELES, Cal.—Smith and Ramblak, Los Angeles, at \$1,981.29 submitted low bid to the Procurement Division, Washington, D. C., for a new sanitary sewer system in the U. S. Federal jail at Los Angeles. Only other bid was submitted by Lohman Bros., Los Angeles, at

\$5,888.

## BIDS OPENED

SAN DIEGO, Calif.—Kohlenberger Eng'g Corp., Escondido, at \$997, submitted low bid to the 11th Naval District, under Spec. No. #421, for a refrigerating plant at the Naval Operating Base, San Diego. Only other bid submitted by Commercial Refrigerating Distribution at \$1,065.

## BIDS OPENED

PT. ARGUELLO, Santa Barbara Co., Cal.—Leigh Structural Steel Co., Allentown, Pa., at \$870, submitted low bid (item 1) to the Treasury Department, Washington, D. C., for the erection of a steel lookout tower (25-ft. high) and frame watch house at Pt. Arguello U. S. Coast Guard Station, Santa Barbara Co., Calif.

Complete bids follow:

Leigh Structural Steel Co., Allentown, Pa.: (I) \$870; (II) \$2,100.  
F. W. Weaver & Co., Lansdale, Pa.: (I) \$1,023; (II) \$2,274.  
International Derrick & Equipment Co.: (I) \$1,056; (II) \$2,293.  
Alton Iron Works, New York City: (I) \$1,500; (II) \$4,000.

## 9—HOSPITALS

Contract Awarded  
ADDITION Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
State Hospital Farm.

Additions and alterations to kitchen bldg. (reinforced concrete bldg., wood framed roof) and construction of a new reinforced concrete boiler plant building with steel sash and tile roofs (to be constructed around the existing boiler equipment).

Owner—State of California, Department of Institutions.  
Architect—Geo. B. McDougall, State Architect, Public Works Building Sacramento.

General Work—Campbell Constr. Co. Sacramento, \$49,722.

Electrical Work—Collins Electrical Co., 708 E. Market, Stockton, \$995.

Plumbing and Heating—Scott Co., Inc. 243 Minna Street, San Francisco, \$5,277.

## SUB BIDS WANTED

HOLLISTER, San Benito Co., Cal.—Valley Construction Company, 62-63 Grant Building, San Jose, desires sub bids on all portions of the work for the construction of the county hospital at Hollister, for which bids will be opened July 1, 10 a.m.

Plans prepared by Architect Robert Stanton, Hotel Del Monte, Del Monte.

## 10—HOTELS

Additional Sub-Contracts Awarded  
ADDITIONS Cost, \$.....  
SAN FRANCISCO, 386 Geary St.

Addition of four stories to Fielding Hotel, each floor to contain 15 hotel-apartments (two- and 3-room apartments with kitchenettes), hotel service.

Owner—The Grant Co., 114 Sansome.  
Architect—D. D. Stone, 110 Sutter St.  
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

Sidewalk Elevator Equip.—Pacific Elevator & Equipment Co., 45 Rausch Street.

Roofing—J. W. Bender Roofing and Paving Co., 1999 Bryant Street  
Furnish Structural Steel—Judson Construction Co., 699 Mission St.  
Erect Structural Steel—Jas. T. Walsh San Leandro.

Heating and Ventilating—Scott Co., Inc., 243 Minna Street.

Sub-contracts awarded to date published May 14

## 12—POWER PLANTS

Contract Awarded  
BUILDING Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
SW Cor. San Joaquin and Lindsay Streets.

New 3-story and basement Class A steel and concrete telephone exchange building (96x86-ft.).

Owner—Pacific T. & T. Co. (H. C. Britton, District Manager).

Plans by Engineering Department of Owner.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco, awarded contract for the excavation, foundation and steel erection. General construction bids will be asked the latter part of June.

As previously reported, Herrick Iron Works, 1729 Campbell St., Oakland, awarded contract for structural steel.

## UNIT BIDS

HICKAM FIELD, T. H.—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, at \$191,300, awarded contract by Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field, under Bid No. W 397-37-18, for construction and completion of the electrical distribution system (as announced previously).

## CONTRACT AWARDED

SEWARD, Alaska.—Bennett and Taylor, 1041 Venice Blvd., Los Angeles, at \$92,637, submitted low bid and was awarded contract by the Seward City Council, E. D. Webb, City Clerk, for the construction of a municipal diesel electric power plant and distribution system.

Only other bid was submitted by R. J. Sommers, Juneau, Alaska, at \$18,917.

## BIDS OPENED

SAN FRANCISCO.—Crowley Roofing Co., 108 California Dr., Burlingame, at \$604.90, submitted low bid to the Public Utilities Commission, City Hall, for erecting Filarcotti Cottage and Crystal Springs Cottage, San Mateo County.

Complete bids follow:  
Crowley Roofing Co., Burlingame ..... \$604.90

Union Roofing Co., Redwood City ..... 695.00  
Jack Johnson Co., S. F. .... 711.00  
L. Uhels, Ripon ..... 720.00  
J. W. Bender Roofing ..... 725.00  
& Paving Co., S. F. .... 737.00  
T. J. Dunn Roofing Co., S. F. .... 737.00  
Alta Roofing Co., S. F. .... 848.00

13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

## BIDS WANTED

SAN MATEO CO., Calif.—Until June 16, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for repairs to elevators at County Jail No. 2, Sneath Ranch, San Mateo County.

Additional information may be obtained from R. A. Chisholm, Superintendent of Public Buildings, 484 11th St., San Francisco.

## BIDS WANTED

SUNOL, Alameda Co., Cal.—Until June 24, 3 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, for painting interior of Assistant Superintendent's cottage at Sunol.

Plans and specifications may be obtained at Room 701, 425 Mason St., San Francisco. No deposit required.

## BIDS OPENED

SAN MATEO CO., Cal.—Otis Ele-



vator Co., 1 Beach St., San Francisco, at \$721.05, submitted only bid to the Department of Public Works, City Hall, San Francisco, for repairs to elevators at County Jail No. 2, Sneath Ranch, San Mateo County.

**14—RESIDENCES**

**Bids Opened**  
**RESIDENCE**  
 SACRAMENTO, Calif. Wright and Kimbrough Tract, 46th St. Two-story frame and stucco residence (8 rooms).  
 Owner—Joe Ostaja.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
 Low Bidder—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento—\$11,112.  
 Complete bids follow:  
 Lawrence Constr. Co. \$11,113  
 N. H. Lund 11,325  
 H. W. Robertson 11,325  
 Frank Maloney 11,650  
 W. E. Truesdale 11,745

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
 FRESNO, Fresno Co., Calif. University and Wishon. Two-story frame and stucco residence (shingle roof).  
 Owner—Victor E. Storli, 214 College, Fresno.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
 Contractor—Roy Martin, 149 North Calaveras St.

**Contract Awarded**  
**ALTERATIONS & ADDITIONS**  
 Cost, Price, \$10,200  
 PALO ALTO, Santa Clara Co., Calif. Stanford Campus. Alterations and additions to Alpha Tau Omega fraternity house.  
 Owner—Alpha Tau Omega Fraternity.  
 Architect—C. K. Sumner, Deckerock Bldg., Palo Alto.  
 Contractor—E. J. Schmalting, 863 Melville Ave.

**Low Bidder**  
**RESIDENCE** Cost, \$13,500  
 OAKLAND, Alameda County, Calif. Claremont Pines. Two-story frame and stucco residence (9 rooms, 4 baths) shingle roof, hot air gas fired heating system, hardwood floors, linoleum baths, tile showers, etc.  
 Owner—Withheld.  
 Architect—Williams and Wastell, 337 17th St., Oakland.  
 Low Bidder—H. C. Andresen & Son, 690 Montclair Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,500  
 PIEDMONT, Alameda Co., Calif. 449 Scenic Avenue. One-story frame and stucco residence (7 rooms).  
 Owner and Builder—H. E. Williams, 839 Creed Road, Oakland.  
 Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.

**Contract Awarded**  
**DUPLEX RESIDENCE** Cost, \$8,000  
 OAKLAND, Alameda Co., Cal. Mills College Campus. One-story 6-room duplex residence.  
 Owner—Mills College, Seminary Ave. and Camden Street.  
 Architect—W. H. Ratcliff, 310 American Trust Bldg., Berkeley.  
 Contractor—John G. Brown, 5500 La Verne Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,000  
 OAKLAND, Alameda Co., Calif. 6617 Liggett Drive. Two-story frame and stucco residence (6 rooms).  
 Owner & Builder—H. A. Richardson, 1754 Woodhaven Way.

Architect—Not Given. 4  
**Bids Opened—Held Under Advice-ment**  
**RESIDENCE** Cost, \$.....  
 HILLSBOROUGH, San Mateo Co. Two-story frame and stucco residence (12 rooms, 4 baths) terra cotta tile roof, oil burning heating plant, wood sash, hardwood floors, tile baths, etc.  
 Owner—Sidney Miller.  
 Architect—Harold G. Stoner, 35 Vincent St., San Francisco.  
 Low Bidder—Hammer and Tosch Co., 1090 Burlingame Square, Burlingame, \$27,444.  
 Complete bids follow:  
 Hammer & Tosch Co. \$27,444  
 G. P. W. Jensen & Sons, S. F. 28,970  
 Jacks & Irvine, S. F. 30,366  
 O. L. Cavanaugh, San Mateo. 22,376  
 Bids exceeded estimated cost and are being held under advisement.

**To Be Done By Days Work**  
**RESIDENCE** Cost, \$6,000  
 SAN FRANCISCO, W. 37th Ave., 175 feet S. of Irving St. Two-story frame and stucco residence.  
 Owner and Builder—C. O. Blincoe, 2663 15th Avenue.  
 Plans by E. K. Dobkowitz, 425 Monterey Boulevard.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
 SAN FRANCISCO, S. Teresita Way east of Verna Street. Five two-story frame and stucco residences.  
 Owner and Builder—Meyer Brothers, 732 Portola Drive.  
 Architect—Not Given.

**Plans Being Figured—To Close**  
**RESIDENCE** Cost, \$3,500  
 CASTRO VALLEY, Alameda Co. Cal. June 23, 8 P. M. One-story rustic residence (5 rooms) shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.  
 Plans are being figured by a selected list of contractors.

**Plans Being Figured—To Close**  
**RESIDENCE** Cost, \$3,500  
 CASTRO VALLEY, Alameda Co. Cal. June 23, 8 P. M. One-story rustic residence (5 rooms) shingle roof, gas fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.  
 Plans are being figured by a selected list of contractors.

**Sub-Contracts Awarded**  
**DORMITORY** Est. Cost, \$50,000  
 ALMA, Santa Clara Co., Cal. About three miles from Los Gatos. Three-story frame dormitory (36x100-ft.) shingle roof, wood sash, hardwood floors, etc.  
 Owner—Jesuit Fathers Society of California.  
 Architect—Edward Eames, 216 Pine St., San Francisco.  
 Contractor—Barrett & Hulp, 918 Harrison St., San Francisco.  
 Insulating Wall Board—Van Arsdale & Harris Lumber Co., Inc., Fifth and Brannan Sts., San Francisco.  
 Insulating Quilt—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.  
 Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco.  
 Electric Work—Guilbert Bros. Electric Co., 256 W. Santa Clara St., San Jose.

**Hardwood Floors**—Best Hardwood Floor Co., 1819 Park Ave., San Jose.  
**Heating**—A. G. Gratton, 702 Ashury St., San Jose.  
**Plumbing**—Scott Co., Inc., 243 Minna St., San Francisco.  
**Encaustic Tile**—Thos. J. Lamey and Sons, 2375 25th Ave., San Francisco.

**Reinforcing Steel**—San Jose Steel Co., 1344 The Alameda, San Jose.  
**Cutting**—California Cutting Co., Box 82, El Cerrito.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....

LODI, San Joaquin Co., Calif. One-story residence (6 rooms and 2 baths), tile or composition roof, oil burning furnace, wood sash, stucco exterior, linoleum baths.  
 Owner—Withheld.  
 Architect—Victor Galbraith, 221 E. Acacia St., Stockton.  
 Plans will be completed in about two weeks and bids asked of a selected list of contractors.

**Low Bidder**  
**RANCH HOUSE** Cost, \$.....  
 ST. HELENA, Napa Co., Calif. Two-story wood ranch house (ten rooms), hardwood floors, linoleum baths, oil burning hot air heating system, rigid asbestos shingle roof, etc.  
 Owner—E. L. Harris, St. Helena.  
 Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
 Low Bidder—Earl Long, 2206 Tockey St., Napa.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
 OAKLAND, Alameda Co., Calif. 800 Glendome Circle. One-story frame and stucco residence (five rooms).  
 Owner—Frank Oliver, 391 45th St., Oakland.  
 Architect—Not Given.  
 Contractor—Farringer & Spaulding, 1806 Central Ave., Alameda.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,000  
 OAKLAND, Alameda Co., Cal. 5200 Masonic Avenue. One-story frame and stucco residence (six rooms).  
 Owner and Builder—C. J. Pfrang, 6306 Clairmont Ave., Oakland.  
 Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$32,000  
 SAN FRANCISCO, N. Jackson St., 100 E. of Spruce St. Two-story frame and stucco residence.  
 Owner—Marie Del Welch, c/o Architect.  
 Architect—W. W. Wurster, 260 California St.  
 Engineer—A. V. Saph, Rialto Bldg.  
 Contractor—Frank S. Marshall, 909 Ashbury St.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
 SAN FRANCISCO, E. Ninth Avenue, 102 S. Mesa. Two-story frame and stucco residence.  
 Owner—R. J. Thomas, 114 Sansome.  
 Architect—Not Given.  
 Contractor—E. W. Perkins, 3500 Fulton Street.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
 SAN FRANCISCO, W. San Marcus, 335 W. Santa Rita Ave. Two-story and basement frame and stucco residence.  
 Owner and Builder—P. A. Wolter, Jr., 90 Ravenwood Way.  
 Architect—Earl MacDonald, 110 Sutter Street.

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$7,000  
 SAN FRANCISCO, 3560 Washington Street. Alterations to residence.  
 Owner—J. Goldberg, c/o Contractor.  
 Architect—Hyman & Appleton, 68 Post St.  
 Contractor—A. F. Matlock Co., 212 Clara St.

**PREPARING PLANS**  
**LOS ANGELES, Calif**—Architect Sumner Spaulding, 944 Wilshire Blvd., Beverly Hills, is preparing plans for a 2-story 20-room residence to be built in Pacific Palisades, West

Los Angeles, for Jack Oakie.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
SAN FRANCISCO, E Douglas St.  
101 S of 26th St.  
One - story frame and stucco residence.  
Owner—R. M. Haight, 3366 22nd St.  
Architect—Not Given.  
Contractor—Williams Const. Co., 3366 22nd Street. 1

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
SAN FRANCISCO W Almaden Ct.  
215 N of Anza Street.  
One - story and basement frame and stucco residence.  
Owner—A. Janow.  
Plans by Builder.  
Contractor—Frank F. Nelson, Inc., 2 Edgell Way. 1

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
SAN FRANCISCO, West Graystone Terrace, 200 S Twin Peaks Blvd.  
Two - story and basement frame and stucco residence.  
Owner—J. L. Pritchard, 291 Corbett Avenue.  
Plans by Builder.  
Contractor—Frank F. Nelson, Inc., 2 Edgell Way. 4

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
PALO ALTO, Santa Clara Co. Calif.  
1775 Fulton St.  
Two - story frame and stucco residence and garage.  
Owner—G. D. English, 415 Florence St.  
Architect—Not Given.  
Contractor—H. H. Dabinett, 959 Gunda St.

**Sub Bids Wanted**  
**RESIDENCE** Cost, \$11,500  
SAN FRANCISCO, Monterey Heights.  
Two - story frame and stucco residence (3 bedrooms, 3 baths, living room, dining room, kitchen and dining alcove, 2 roof decks) heavy strip shingle roof, steel sash, tiletex on shower walls and around baths.  
Owned and Builder—Home Building Service Co., 101 Post Street.  
Architect—Mark Daniels, 101 Post Street.  
30631 1st rep. Apr. 21; 2nd, May 24.

**Sub Bids Wanted**  
**RESIDENCE** Cost, \$11,500  
SAN FRANCISCO, Monterey Heights.  
Two - story modern frame and stucco residence (7 rooms, 3 baths, service porch), circular stair case, small roof, deck, 2-car garage; strip shingle roof, inoleum baths with chrome trim, plaster interior walls over insulation lath, etc.  
Owner and Builder—Home Building Service Co., 101 Post Street, San Francisco.

**Architect—Mark Daniels, 101 Post Street, San Francisco.**  
30621 1st rep. Apr. 21; 2nd, May 3.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$ —  
HILLSBOROUGH, San Mateo Co., California.  
Two - story frame and stucco residence (4 rooms), shake roof, hardwood floors, wood sash, gas-fired hot air heating system, etc.  
Owner—John Williams, % Architect.  
Architect—Higgins & Root, Security Bldg., San Jose.  
General bids will be asked in about ten days.

**Plans Being Figured—**  
**To Close June 22, 2 P. M.**  
**RESIDENCE** Cost, \$  
HILLSBOROUGH OAKS, San Mateo

Co., Calif.  
Two-story frame and stucco residence (10 rooms), hardwood floors, tile baths, shingle roof, hot air heating system, etc.  
Owner—E. J. McManahan, % Arch. Architect—Angus McSweeney, 604 Mission St., San Francisco

Following selected list of contractors are figuring plans:  
A. F. Mattock Co., 212 Clara Street, San Francisco.  
G. W. Williams Co., 315 Primrose Road, Burlingame.  
Mooney & McDonald, 1473 Burlingame Ave., Burlingame.  
D. B. Gladstone, 557 Market St., San Francisco.

**Bids Wanted—**  
**To Close June 23, 8 P. M.**  
**COTTAGE** Cost, \$.....  
MUROC, Kern Co., Calif.  
Teachers, cottage and moving school building.  
Owner—Muroc School District.  
Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfeld Bldg., Bakersfield.  
Plans and specifications obtainable from the architect upon deposit of \$10.00.

**Low Bidder**  
**RESIDENCE** Cost, \$8,900  
MODESTO, Stanislaus Co., Calif.  
1½ - story frame and stucco residence (8 rooms, 2 baths), tile roof, tile mastic gas furnace; 3-car garage, etc.  
Owner—Mr. Sylva.  
Architect—G. N. Hilburn, 1213 I St., Modesto.  
Low Bidder—M. O. Ward, Rt. 1, Box 541.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
PIEDMONT, Alameda Co., Cal. 328 Scenic Avenue.  
Two - story frame and stucco residence (six rooms).  
Owner—L. Whitaker, 291 Scenic Ave. Piedmont.  
Architect—John E. Fennacy, 1700 Financial Center Bldg., Oakland.  
Contractor—Park Abbott, 1432 Fifth Ave., Oakland.

## 15—SCHOOLS

**Contract Awarded**  
**LOCKER ROOM** Cont. Pr., \$18,880  
CORCORAN, Kings Co., Calif.  
One - story reinforced concrete boys' locker room addition at High School gymnasium (27 x 102 ft.).  
Owner—Corcoran Union High School District (T. K. Brown, Clerk).  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Contractor—R. W. Brown Construction Company, 118 S. Day Street, Madera.  
Contract price includes Alternate No. 5, at \$222.  
Complete bids will be published shortly.

**Bids Wanted — To Close July 6, 8 P. M.**  
**ADDITION** Cost, \$ —  
LODI, San Joaquin Co., Calif.  
One - story frame and stucco addition at Needham School (10 classrooms, library and shop addition), flat roof.  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
Work will be financed by proceeds of a \$175,000 bond issue voted March 16th.  
Plans and specifications may be obtained at the Architect's office upon deposit of \$25.  
Bids will be opened in the office of Froy Nichols, Supt. of Schools, Lodi Union High School, Hutchins and Walnut Sts., Lodi.

**Bids Wanted — To Close June 29, 3 P. M.**  
**ADDITIONS & ALTERATIONS** Cost, \$.....  
KERN CO., Calif. Mountain View School.  
Additions and alterations to school.  
Owner—Mountain View School District.  
Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.  
Plans may be obtained at the Architect's office.  
Certified or cashier's check or bond for 10% required.

**BIDS WANTED**  
LIVINGSTON, Merced Co., Calif.—  
Until June 29, 8 P. M., bids will be received by the Merced Union High School District, Dr. N. S. Peck, Clerk, for the construction of an addition to the present Manual Arts building at the High School in Livingston and for the purchase of two forty-two passenger school bus bodies on chassis of sufficient strength and wheel base to accommodate these bodies.  
Plans and specifications for the addition may be obtained from the office of W. E. Bedean, civil engineer, upon deposit of \$5. Bids will be taken separately on the buses.

**Contract Awarded**  
**LOCKER ROOM** Cont. Pr. \$18,880  
CORCORAN, Kings Co., Calif.  
One - story reinforced concrete boys' locker room addition at High School gymnasium (27 x 102 ft.).  
Owner—Corcoran Union High School District (T. K. Brown, Clerk).  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Contractor—R. W. Brown Construction Company, 118 S. Day Street, Madera.  
Contract price includes Alternate No. 5, at \$222, for connecting with sewer.  
Complete general bids follow:  
R. W. Brown Const. Co. .... \$18,648  
R. Hodgson & Sons. .... 18,765  
Midstate Constr. Co. .... 18,983  
R. E. Lewis ..... 19,542  
W. L. Ochs ..... 19,605  
Harris Constr. Co. .... 20,614

**Plans Completed**  
**ADDITION** Cost, \$35,000  
CHOWCHILLA, Madera Co., Calif.  
One - story frame and stucco addition (assembly hall to seat 400, and two classrooms), wood shingle roof, etc.; repairs to the present building, new toilet facilities, etc.  
Owner—Chowchilla Grammar School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
A bond issue to finance construction was approved at a special election April 27.  
Plans have been completed and forwarded to State Division of Architecture for approval.

**Plans Completed**  
**ADDITIONS & ALTERATIONS** Cost, \$5,000  
PORTERVILLE, Tulare Co., Calif.  
Porterville Union High School.  
One - story frame music building (45 x 90 ft.), addition and alterations to main school building.  
Owner—Porterville Union High Sch. Architect—Not Given.

**BIDS WANTED**  
SAN RAFAEL, Marin Co., Calif.—  
Until June 21, 8 p. m., bids will be received by the City of San Rafael, for installation of walls, partitions, plumbing fixtures, lighting fixtures and other construction in the basement of the San Rafael Grammar School, between Third and Fourth Streets, on E Street.  
Plans and specifications may be obtained at the office of Oliver R.

Hartzell, Secretary, Board of Education, San Rafael High School Bldg.  
Plans prepared by Architect N. W. Sexton, 1602 de Young Bldg., San Francisco.

**BIDS WANTED**

**SAN FRANCISCO**—Until June 30, 2:30 P. M. bids will be received by the Department of Public Works, Room 251, City Hall, for reroofing the following schools:

Cabrillo School, 24th Avenue bet. Balboa and Cabrillo Sts. Est. cost, \$2,200.

Andrew Jackson School, Grove nr. Clayton St. Est. cost, \$1,000.

Le Conte School, Harrison between Precita and Army. Est. cost, \$1,000.

Paul Revere School, Folsom and Tompkins Ave. Est. cost, \$1,700.

Grattan School, SE Shrader and Grattan Sts. Est. cost, \$2,300.

Galileo High School, Van Ness Ave. and Francisco St. Est. cost, \$1,600.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

**Bids Wanted — To Close July 1, 4 P. M.**

**ADDITION** Est. Cost, \$15,000  
**OAKLAND**, Alameda Co., Calif. Long Bridge and Sunnyhills Roads.

One-story frame addition to Crocker Highland School.

Owner—Oakland School District.  
Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Plans and specifications obtainable from the Department of Architecture and Engineering, Room 109, 1025 2nd Ave., Oakland, upon deposit of \$25.

Bids will be opened in the Board Room, Administration Bldg., 1025 2nd Ave., Oakland.

**Contract Awarded**  
**SCHOOL** Cont. Pr., \$32,000  
**AUBURN**, Placer Co., Calif.

One-story frame grammar school building (5 classrooms and kindergarten), electric heating system.

Owner — Auburn Union Grammar School.

Architect — W. E. Coffman, Forum Bldg., Sacramento.

Contractor—Ralph Sharpe.

Complete bids follow:

Ralph Sharpe..... \$32,000

Empire Constr. Co., S. F..... 32,339

M. R. Peterson, Sacto..... 32,792

J. C. Meyers..... 33,429

Lawrence Constr. Co..... 34,466

P. F. Bender, Sacto..... 35,736

John E. Branagh, Piedmont..... 35,900

**Completing Working Drawings**  
**GYMNASIUM** Cost, \$58,400  
**SANTA CLARA**, Calif. Santa Clara High School.

Gymnasium (127 x 140 ft.), to seat from 750 to 900.

Owner — Santa Clara High School District (S. J. Brainerd, Principal).

Architect — Harold H. Weeks, 593 Market St., San Francisco.

Santa Clara Union High School District voted bonds on June 11 in the amount of \$105,000, proceeds to finance construction of gymnasium, also shop, garage, equipment, etc.

**Bonds Wanted**  
**ADDITION** Cost, \$.....  
**CAMPBELL**, Santa Clara Co., Calif. Addition to high school.

Owner—Campbell Union High School District.

Architect — H. H. Weeks, 593 Market St., San Francisco.

Campbell Union High School District voted bonds in the amount of \$135,000 to finance construction of the work.

(805) 1st report Oct. 15, 1936. • 15

**PLANS COMPLETED**

**SANTA PAULA**, Ventura Co., Cal. —Architect Frederick Kennedy, Jr., 1041 E. Green St., Pasadena, has completed plans for a new high school to be built at Santa Paula for the Santa Paula Board of Education. A PWA application has been filed for a grant of \$100,000.

**BOND ELECTION**

**POMONA**, Los Angeles Co., Calif. —Pomona Board of Education has called an election for July 20, at which time it is proposed to vote bonds in the sum of \$295,000, proceeds to be used as follows: New school at San Antonio site, \$120,000; new school at Hamilton site, \$135,000; enlarge stage, auditorium and kitchen at Washington school, \$15,000; additional land for Kaufman school, \$25,000. The board has not yet retained architects.

**PREPARING WORKING DRAWINGS**

**HUNTINGTON BEACH**, Orange Co., Calif. —Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, are preparing working plans for an industrial arts building to be built at Huntington Beach Union High school. Estimated cost, \$75,000.

**Bids Wanted — To Close June 24, 8 P. M.**

**RECONSTRUCTION** Cost, \$.....  
**BURLINGAME**, San Mateo Co., Calif. Reconstruction of entrance to McKinley School (replacing brick with stucco).

Owner—Burlingame Elementary Sch. District (L. D. Henderson, Supt.), El Camino and Oak Grove, Burlingame.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Plans and specifications may be obtained at the Architect's office and at the office of the McKinley School, upon deposit of \$25.

Bids will be opened at the school.

**Preparing Preliminary Plans**  
**SCHOOL** Cost, \$.....  
**SAN JOAQUIN** Co., Calif. Three mi. N. of Lodi (Huston Grammar School).

One-story school building (5 classrooms and auditorium), tile roof.

Owner — Huston Grammar School District.

Architect—Victor Gaibrath, 221 E. Acacia St., Stockton.

Huston School District will vote on July 1 on a proposal to issue bonds in the amount of \$50,000, proceeds to finance construction of grammar school.

**Contracts Awarded**  
**REMODEL ASSEMBLY HALL** Cost, \$100,000  
**PALO ALTO**, Santa Clara Co., Cal. Stanford University Campus.

Remodel old assembly hall into a graduate school of business.

Owner—Stanford University.

Architect—Bakewell & Weihe and Arthur Brown, Jr., associate architects, 251 Kearny St., San Francisco.

Contractor—Geo. Wagner, 181 South Park, San Francisco.

Mechanical Equipment & Plumbing—James H. Pinkerton Co., 927 Howard St., San Francisco.

Electric Wiring—Roy M. Butcher, 1029 Sherwood St., San Jose.

**Preparing Working Drawings**  
**SCHOOL** Cost, \$25,000  
**STOCKTON**, San Joaquin Co., Calif. Sutter and 4th Sts.

One-story frame and brick venter school building (5 classrooms, recreation room, principal's offices, lavatories, etc.), wood sash, composition roof, linoleum hall, Oregon pine classroom floors, in-

sulated roof, etc.

Owner—Grant Grammar School District.

Architect—Joseph Losekann, 1023 N. Madison St., and J. N. Cloudsley, Exchange Bldg., Stockton.

Structural Eng.—Ernest D. Francis, Cronan Bldg., Sacramento.

Plans will be completed in about one month, when bids will be asked.

**Contract Awarded**  
**SCHOOL ADDITION** Cost, \$.....  
**SANTA COSTA** CO., Calif., near Brentwood.

One-story frame addition to Excelsior Grammar School.

Owner—Excelsior School District.

Plans by firm of Narbett & Brown (L. Brown, Architect), 462 31st Avenue, Richmond.

Contractor—L. Uebel, Box 181, Ripon.

**Plans Being Figured — Bids Close**  
**June 18, 5 P. M.**

**ROOM** Cost, \$12,000  
**SALINAS**, Monterey Co., Calif.

One-story frame and stucco school building (2 classrooms and meeting room), composition and tile roof, maple floor in meeting room, pine floors in classrooms, etc.

Owner—Chinese Association of Salinas.

Architect—Chas. E. Butler, 7 Winham St., Salinas.

Plans are being figured by a selected list of contractors.

**Bids Wanted — To Close July 2, 8 P. M.**

**REHABILITATE SCHOOL** Cost, \$25,000  
**BRENTWOOD**, Contra Costa Co., Calif.

Structural rehabilitation of Brentwood Deer Valley Grammar School.

Owner—Brentwood School District.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.

Plans and specifications may be obtained at the office of the Architect upon deposit of \$10.

Bids will be opened in the office of the Board of Trustees, Brentwood Deer Valley Grammar School.

**CONTRACT AWARDED**  
**MONROVIA**, Los Angeles Co., Cal. Blystone & Van Tuyle, 136 S. Walnut St., Brea, awarded contract by Monrovia-Arcadia-Duarte High Sch. District, at \$62,254, for rehabilitating the Ivy Avenue School in Monrovia.

Marsh, Smith & Powell, architects, Architects' Bldg., Los Angeles.

**BONDS APPROVED**  
**CAMPBELL**, Santa Clara Co., Cal. —The Campbell Union High School District approved the issue of \$135,000 in bonds for the construction of a 2-story school building to replace the one now in use.

Application has been made for a 45% grant from the PWA with which to construct a gymnasium and auditorium in addition.

**Bids Opened**  
**SHOP BLDG.** Cost, \$.....  
**HANFORD**, Kings Co., Calif.

Frame and stucco agriculture shop building (composition roof, wood trusses).

Owner—Hanford Union High School District.

Architect—D. H. Horn, 433 Rowell Bldg., Fresno.

Low Bidder—Harris Const. Co., 577 McKinley Ave., Fresno, \$22,534.

Complete bids follow:

Harris Const. Co., Fresno..... \$22,534

Chas. Beck, Hanford..... 22,680

Carl Nelson, Hanford..... 23,498

Frank Brown, Fresno..... 23,820

Midstate Const. Co., Fresno..... 24,373

Hodgson & Sons, Porterville ... 25,900  
Bids held under advisement.

**BIDS WANTED**

**SAN FRANCISCO.**—(Until June 23, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for laying wood floors and thresholds in the Excelsior School, Excelsior Ave. and Lisbon St., the Garfield School, Kearny and Filbert Streets, and the Sutro School, 13th Avenue and Clement St. Plans and specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required.

Work must be completed by August or penalty paid of \$25 per day liquidated damages for overtime.

**BIDS WANTED**

**LOS ANGELES, Cal.**—(Until June 26, 10 A. M., bids will be received by the Beverly Hills Unified School District for a new auditorium and an arcade to be built at the Horace Mann school in Beverly Hills. Architects are Edward C. and Ellis W. Taylor, 803 W. 3rd St., Los Angeles. Cost, \$65,000.

June 14, 1937.

(1850) 1st rep. Mar. 26, 1937. \* 157

**Preparing Working Drawings**

**SCHOOL.** Cost, \$12,000

**UPPER LAKE, Lake Co., Calif.**

One - story frame grammar school building (2 classrooms, library).

Owner—Upper Lake School District.

Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Plans will be completed in about three weeks.

Upper Lake Union School District voted bonds in the amount of \$12,000 to finance construction of school.

(10693) 1st rep. Nov. 13; 2nd, Mar. 29.

**Plans Completed**

**ADDITION** Cost, \$88,000

**McFARLAND, Kern County.**

One classroom addition to McFarland High School (concrete frame, brick and cement exterior; wood interior partitions terra cotta tile roof; maple floors; steam heating system).

Owner—Kern County U. H. S. District, Bakersfield.

Architect—Symmes & Willard; Stanton Willard, architect; 215 Haberfeld Bldg., Bakersfield.

Plans have been approved by the school board and bids will be asked shortly.

**Plans Completed**

**ADDITION** Cost, \$18,000

**SHAFTER, Kern County.**

Three classroom addition to Shafter High School (concrete frame; brick and concrete exterior; wood interior partitions; terra cotta tile roof; maple floors; plaster interior walls, etc.)

Owner—Kern County U. H. S. District, Bakersfield.

Architect—Symmes & Willard; Stanton Willard architect; 215 Haberfeld Bldg., Bakersfield.

Plans have been approved by the school board and bids will be asked shortly.

**Completing Working Drawing**

**SCHOOL.** Cost, \$160,000

**FORT BRAGG, Mendocino Co., Calif.**

One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) etel trusses

Owner—Fort Bragg Un. High School District

Architect—W. E. Coffman, Forum Bldg. San Francisco

Fort Bragg School District voted bonds in the amount of \$100,000 proceeds to finance construction of school

**BIDS REJECTED—****NEW BIDS WANTED**

**RENO, Nevada.**—The Reno Senior High School Board rejected all bids for alterations to the heating system at the Reno High School and issued a new call for bids to be opened June 24, 7:30 P. M.

At previous bid opening for alterations to the heating system, Joseph Dillard, Reno, submitted low bid at \$11,888. Only other bid was submitted by J. A. Nelson, Inc., San Francisco, at \$41,910.

Specifications obtainable from Supt. of Schools, Reno Senior High School upon deposit of \$25.

**CONTRACT AWARDED**

**MESA, Ariz., C. D. Bradley,** 2017 N 24th St., Phoenix, awarded contract by Mesa Union High School District June 11 for construction of a combination gym and vocational shop building, 80330-ft. in area, at Mesa high school. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix.

**BONDS DEFEATED**

**CLAREMONT, Los Angeles Co., Cal.**—Claremont City School District defeated a \$100,000 bond issue June 11, proceeds from which were to have been used to finance the construction of new grammar school buildings in Claremont, Marsh, Smith & Powell, architects, Architects' Bldg., Los Angeles.

**PLANS COMPLETED**

**PASADENA, Cal.**—Architect W. C. Pollard, 224 S. Oak Knoll Ave., Pasadena, has completed plans for reconstruction and strengthening the manual arts, auditorium, south wing and main buildings at the McKinley Jr. High School; cost, \$96,000.

**Bids Opened****ALTERATIONS**

**MILL VALLEY, Marin Co., Calif.**

Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.

Architect—Walter Falch, Hearst Bldg., San Francisco.

Low Bidder—De Luca & Son, Inc., 1745 Filbert St., San Francisco—\$45,944.

Bids were taken under the following alternates: (1) add for extra auditorium window; (2) deduct on shingles; (3) add for Venetian blinds; (4) add for awning type windows; (5) add for steel sash.

Complete bids follow:

De Luca & Son, Inc.—\$45,944; (1) \$763; (2) \$1,015; (3) \$684; (4) \$1,784; (5) \$4,268.

Valencia Maggiora, Sausalito—\$48,622; (1) \$648; (2) \$1,010; (3) \$698; (4) \$1,923; (5) \$4,650.

Leibert & Trobeck, San Rafael—\$49,342; (1) \$675; (2) \$1,000; (3) \$740; (4) \$1,950; (5) \$4,800.

Bids held under advisement.

**Bonds Voted**

**SCHOOL ADDITION** Cost, \$.....

**CONTRA COSTA CO., near Pittsburg**

Three additional classrooms and an auditorium for Ambrose School.

Owner—Ambrose School District.

Architect—Harold H. Weeks, 593 Market Street, San Francisco.

Ambrose School District voted bonds June 14 in the amount of \$48,000 to finance construction of school addition.

Bonds Defeated

**SCHOOL AUDITORIUM** Cost, \$17,000

**DUNBAR, Sonoma Co., Calif. 12 Mi. E. of Santa Rosa.**

One-story frame auditorium addition to the Dunbar Grammar School.

Owner—Dunbar Union School District.

Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Dunbar Union School District defeated bonds in the amount of \$17,000 proceeds to have financed construction of auditorium.

**16—BANKS, STORES AND OFFICES**

**Preparing Plans**

**STORE BLDG.** Cost, \$.....

**FRESNO, Calif.** 1142 Fulton St.

One-story and basement store bldg. (65 x 150 ft.).

Owner—J. J. Newberry Co., 437 S. Hill St., Los Angeles.

Plans by Architectural Department of Owner.

**PREPARING PLANS**

**RIVERSIDE, Calif.**—Architectural department of the Capital Co., 643 S. Olive St., Los Angeles, is preparing plans for a new bank site, 60x100 feet in area, to be built on the NW corner of Main and Ninth Streets, Riverside, for the Bank of America.

**SUB BIDS WANTED**

**VALLEJO, Solano Co., Calif.**—Geo. J. Maurer Co., 50 York Dr., Piedmont, desires sub bids on all portions of the work for the construction of the A. J. Higgins store building, Val-

lejo, for which bids will be opened June 14, 4 p.m.

Plans by Architect Chas. E. J. Rogers, Phelan Bldg., San Francisco.

**SUB BIDS WANTED**

**VALLEJO, Solano Co., Calif.**—Carlen Constr. Co., 147 Tenth St., San Francisco, desires sub bids not later than June 12 for excavation, concrete aggregates, reinforcing steel, structural steel mill work, sheet metal, roofing, steel sash, glass and glazing, cast ornamental stone work; tile work, plastering, plumbing, electrical, and painting, for construction of the A. J. Higgins store building at Vallejo which bids will be opened June 14, 4 p.m.

Plans prepared by Architect Chas. E. J. Rogers, Phelan Bldg., San Francisco.

**SUB-BIDS WANTED**

**OAKLAND, Cal.**—B. A. Hawkins & Co., 1182 Market St., San Francisco, desire sub-bids on all portions of the work not later than June 12 for construction of the Warner Bros. store building, 1940 Broadway, Oakland, for which bids will be opened June 16, 2 P. M.

Plans prepared by Architects B. M. Priteca and S. E. Sonnichsen, 411 W. 7th St., Los Angeles.

**Bid Opening Date Postponed Until**

**June 16, 2 P. M.**

**STORE BLDG.** Est. Cost, \$50,000

**OAKLAND, Alameda Co., Cal. 1940 Broadway.**

One-story Class B store bldg. (100x 125 ft.) masonry walls, Summer-bell single span roof.

Owner—Warner Bros. Pictures, Inc., 6425 Hollywood Blvd., Los Angeles.

Architect—B. Marcus Priteca and S. E. Sonnichsen, 411 W 7th St., Los Angeles.

Plans are being figured by the following selected list of contractors:

Cahill Bros, Inc., 206 Sansome St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Lindgren and Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.

Geo. Windsor, 928 Kingston Ave., Piedmont.

W. K. Van Bokkelen, 439 23rd St., Oakland.

B. A. Hawkins & Co., 1182 Market St., San Francisco.

Bids will be opened at the office

of the Broadway Auto Lot, 1940 Broadway, Oakland.  
Bids postponed from June 12.

**CONTRACT AWARDED**  
LOS ANGELES, Calif. — Ford J. Twatts Co., 816 W. 5th St., Los Angeles, awarded contract for the construction of a 2-story and basement Class A department store building, 766 x 303 ft. in area, at Central Ave. and California St., Glendale, for Sears, Roebuck & Co., 2650 East Olympic Blvd., Los Angeles. Oliver G. Bowen, 2835 Gilroy St., Los Angeles, is structural engineer and local representative for the architects, Nimmons, Carr & Wright, of Chicago, who are preparing architectural plans.

**Contract Awarded**  
DRIVE-IN MARKET Cost, \$10,000  
MODESTO, Calif. Eighth Street.  
One - story frame, tile and concrete drive-in market building.  
Owner—Withheld.  
Architect—G. N. Hilburn, 1213 I St., Modesto.  
Contractor—W. Meyers, Modesto, \$7,979.00.

Bids were received under the following proposition (a) add for wood floors.  
Complete bids follow:  
M. Meyers, \$7,354; (a) \$443.  
Jarvis Bros., \$8,668; (a) \$1,106.  
M. O. Ward, \$9,760; (a) \$675.  
Wendell Thompson, \$9,697; (a) \$ .  
Robt. Miller, \$9,870; (a) \$1,040.  
Contractor, Tomnitz & King, \$10,257; (a) \$700.

**Concrete Awarded**  
**Contract Awarded**  
BANK Cost, \$24,137  
PALO ALTO, Santa Clara Co., Calif.  
250 University Ave.  
One and one-half story bank building.  
Owner—American Trust Co.  
Architect—Birge & David Clark, 210 University Ave.  
Contractor—Wells Goodenough, 49 Wells Ave.

**Contract Awarded**  
BANK Cost, \$64,680  
PALO ALTO, Santa Clara Co., Calif.  
250 University Ave.  
One and one-half story bank building.  
Owner—Palo Alto National Bank.  
Architect—Birge & David Clark, 210 University Ave.  
Contractor—Wells Goodenough, 49 Wells Ave., Palo Alto.

**Contract Awarded**  
MARKET BLDG. Cost, \$12,000  
SAN JOSE, Santa Clara Co., Calif.  
Carville and Notre Dame.  
One-story reinforced concrete market building (60 x 112 ft.), composition roof, cement floors, plate glass store fronts on two sides.  
Owner—Withheld.  
Architect—Edward W. Kress, 401 1st National Bank Bldg.  
Contractor—Dan Caputo, 401 Illinois Ave., San Jose.  
Cost exclusive of equipment.

**Plans Being Revised**  
ADDITIONS Cost, \$50,000-\$60,000  
BAKERSFIELD, Kern County, Cal.  
19th and K Streets.  
Alterations and additions to New Fish Bldg. (3 - story mercantile bldg., 115x132-ft., to be built in Bakersfield for the Fish Estate; w.c., composition roofing, metal and rubber tile surfacing, steam heating, elevator, fire doors, fire escapes, plate glass, steel rolling doors, steel windows, structural steel, stucco, terrazzo and w.c. water proofing).  
Owner—Fish Estate Company.  
Lessee—Sears-Roebuck Co.  
Architect—Chas. H. Biggar, 554 Ha-

berfield Bldg., Bakersfield.  
New bids will be asked shortly.

**Contract Awarded**  
ALTERATIONS Cost, \$.....  
SACRAMENTO, Sacramento County, Calif.

Reconstruct front of two-story brick building (new terra cotta unit, tile front and new tin roof, etc.).  
Owner—Rothschild Bros., 41 Sutter St., San Francisco.  
Architect—F. F. Amanzed, 414 Dewey Blvd., San Francisco.  
Contractor—W. E. Truesdale, 2116 H St., Sacramento.

**Contract Awarded**  
STORE BLDG. Cost, \$10,000  
SAN FRANCISCO, SW Golden Gate Ave. and Hyde Street.

Alter store building.  
Owner—Wells Fargo Bank & Union Trust Co., Montgomery and Market Sts.  
Architect—Geo. De Colmesnil, 1602 De Young Bldg.  
Engineer—Robert Fisher, 111 Sutter Street.  
Contractor—McDonald & Kahn, Financial Center Bldg.

**Sub Contracts Awarded**  
OFFICE BLDG. Cost, \$400,000  
SAN FRANCISCO, Sansome Street, between Pine and California.  
Six-story Class A office building.  
Owner—Insurance Company of North America.  
Architect—Office of George W. Kelham, 315 Montgomery St.  
Structural Engineer—H. J. Brunner, Sharon Bldg.  
Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Bldg.  
Install Reinfr. Bars—J. Phillip Murphy, 3901 Mission St.  
Sub contracts awarded to date published June 1.

**CONTRACT AWARDED**  
SAN DIEGO, Cal.—H. H. Peterson, 3788 Pacific, San Diego, awarded a contract at \$30,000 for construction of an addition to a building at 229 University Ave., San Diego, for the Southern California Telephone Co., 740 S. Olive St., Los Angeles.

**Plans Being Figured — To Close on June 25, 5 P. M.**  
ALTERATIONS  
FRESNO, Fresno Co., Calif. Fulton and Fresno Streets.  
Interior finish work in Roos Bros. store in the Cory Bldg.  
Owner—Cory Estate, Ben H. Cory, Manager.  
Lessee—Roos Brothers, Fresno.  
Architect—Albert R. Williams, 251 Post St., San Francisco.

Plans are being figured by the following selected list of contractors:  
A. W. Mfg. Co., 60-80 Rauch St.  
William Bateman, 1915 Bryant St.  
Ostlund & Johnson, 1901 Bryant Street.  
L. & E. Emanuel, Inc., 2665 Jones Street.  
Fink & Schindler Co., 552 Brannan Street.  
All of San Francisco.  
Separate bids will be taken on electric fixtures shortly.

**Contract Awarded**  
STORE BLDG. Cost, \$6,500  
SAN FRANCISCO, SE Taraval St. and 16th Ave.  
One-story frame store building.  
Owner—Lewis M. Norton, Russ Bldg.  
Architect—Not Given.  
Contractor—J. S. Malloch, 666 Mission Street.

**Contract Awarded**  
ALTERATIONS Cost, \$9,411  
SAN FRANCISCO SW Tenth and Brvant Streets.  
Convert existing sprinkler system from gravity to pressure.

Owner—H. S. Crocker Company.  
Architect—Alfred H. Jacobs, 110 Sutter Street.  
Contractor—A. Howkins & Co., 1182 Market Street.

**Sub-Contracts Awarded**  
OFFICE BLDG. Cost, Pr., \$7,900  
GRASS VALLEY, Nevada Co., Calif.  
Two - story frame and stucco office building (50x50-ft.).  
Owner—Pines Co., Grass Valley.  
Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.  
Contractor—Roy Madsen, 414 Pine St., Grass Valley.  
received by the Bureau of Reclamation.

**Electric Wiring** — E. T. Cleveland, Eureka Street.  
**Sheet Metal**—Ace Sheet Metal Prod. Co., Hills Flat.  
**Tile Work**—C. A. Dowell.  
**Glass**—Ford Glass Company.  
**Window Shades**—Jensen & Thomas.  
**Lumber**—Diamond Match Company.  
**Mill Work**—Davis Hardwood Co., Davis and Mason Sts., San Francisco.  
**Hardware**—Grass Valley Hardware Company.  
**Painting**—F. L. Shove, Nevada City.  
**Concrete**—Latz & Bennetts.  
**Window Shades and Linoleum**—Jensen & Thomas.  
All of Grass Valley, unless otherwise noted.

**Additional Sub-Contracts Awarded**  
INDUSTRIAL BUILDING

Estimated Cost, \$150,000  
SAN FRANCISCO, Van Ness Ave. bet. O'Farrell and Olive Streets  
Three - story reinforced concrete automobile sales room and service building (120 x 180 ft.).  
Owner—Ernest Ingold, Inc., 1700 Van Ness Avenue.  
Architect—J. E. Dinwiddie, 360 Pine Street.  
Structural Engineer—R. J. Fisher, 826 Crocker Building.  
Contractor—Barrett & Hilp, 918 Harrison Street.  
**Lumber**—Smith Lumber Co., Fourth and Channel Streets.  
**Steel Forms**—Steelform Contracting Co., 688 Harrison Street.  
**Plumbing**—Herman Lawson Co., 465 Tehama Street.  
**Steel Sash**—Concrete Engr. Co., 1280 Indiana Street.  
**Structural Steel**—Fair Mfg. Co., 617 Bryant Street.  
**Waste Mould**—P. Grassi, 445 Bayshore Boulevard.

As previously reported, excavation awarded to Shley Grading & Teaming Company, Ltd., 165 Landers St.; caustic tile to Malott & Peterson, 2412 Harrison St.; steel rolling doors to Kinnear Mfg. Co. of California, 361 Brannan St.; reinforcing steel to Bethlehem Steel Co., 24th and Illinois Sts.; ready-mix concrete to Golden Gate Alux Materials Co., 16th and Harrison Sts.; roofing to Alta Roofing Co., 976 Indiana Street.

**Bids Opened**  
STORE BLDG. Cost, \$  
SACRAMENTO, 12th and H Streets.  
One - story brick store building (40 x 160 ft.).  
Owner—Moore & Engler.  
Engineer—Frank T. Polth, Sacramento  
Low Bidder—M. R. Peterson, 1116 O St., Sacramento, \$22,793.

Complete bids follow:  
M. R. Peterson, Sacramento \$22,793  
Lawrence Const. Co. . . . . 25,487  
Otto Steinhilber . . . . . 25,490  
Henry Finnigan . . . . . 25,539  
W. C. Keating . . . . . 24,240  
J. A. Saunders . . . . . 24,585  
Holdener Const. Co. . . . . 24,639  
Chas. F. Unger . . . . . 24,826  
Lindgren & Swinerton, Inc. . . . . 25,435  
Harry W. Robertson . . . . . 25,678  
W. E. Truesdale . . . . . 25,900  
Bids held under advisement. \*

## PLANS COMPLETED

LOS ANGELES, Cal.—Architect G. S. Underwood, 408 S. Spring St., has completed plans for completing and adding four stories to an apartment building at 410 N. Rosamore Ave. for Davis & Thorne, Title Insurance Bldg. The owners have taken segregated bids for the work but have not definitely decided how construction will be handled. The building, a reinforced concrete structure, 150x18 ft., was started nine years ago by Harry Engelbaum and was poured up to the 5th floor level. Completion of the building, estimated to cost \$350,000, will include the installation of all interior finish, tile work steel sash, two elevators, electric refrigeration, incinerator, marble work and steam heating.

**Contract Awarded**  
STORE BLDG. Cost, \$15,000  
STOCKTON, San Joaquin Co., Calif.  
2017-19-21 Pacific Ave.  
One-story reinforced concrete store building.  
Owner—Marcelo Floren.  
Architect—Not Given.  
Contractor—W. J. Scott, 1661 West Poplar St.

**Bids Opened**  
STORE BLDG.  
VALLEJO, Solano Co., Calif.  
One-story reinforced concrete store building (10 stores), steel frame, steel sash, composition roof, tile and plate glass front, etc.  
Owner—A. J. Higgins, Vallejo.  
Architect—Chas. E. Rogers, Pheasant Bldg., San Francisco.  
Low Bidder—George F. Barenchi, 921 Kentucky St., Vallejo—\$44,147.

Complete bids follow:  
George F. Barenchi, Vallejo \$44,147  
D. Paganini, S. F. 44,313  
James Bitton, Vallejo 44,787  
Adam Arras, S. F. 47,764  
Peter Sartorius, F. 48,258  
George J. Maurer Co., S. F. 48,872  
Moore & Roberts, S. F. 49,210  
Carlen Const. Co., S. F. 54,000  
The two low bidders are figuring certain alternates and will submit new figures June 21st.

**Contract Awarded**  
ALTER STORE BLDG. Cost, \$15,000  
STOCKTON, San Joaquin Co., Calif.  
512 East Main St.  
Store store building.  
Owner—Smith & Lang, 321 E. Main Street.  
Architect—Not Given.  
Contractor—Lewis & Green, P.O. Box 321.

**Bids In—Held Unopened**  
STORE BLDG. Est. Cost, \$50,000  
OAKLAND, Alameda Co., Cal. 1940 Broadway.  
One-story Class B store building (100 x 125 ft.) masonry walls, Sumnerbell single span roof.  
Owner—Warner Bros. Pictures, Inc., 6425 Hollywood Blvd., Los Angeles.  
Architect—B. Marcus Priteca and S. E. Sonnichsen, 417 West 7th St., Los Angeles.  
Bids are in and being held unopened pending return from out of town this Saturday of the owner's representative.

**Bids Opened**  
MEDICO-DENTAL BLDG. Cost, \$...  
OAKLAND, Alameda Co., Calif. Diamond District.  
One-story frame medico-dental bldg. Owner Wythfield.  
Architect—E. E. Ellinger, 1801 Castertine Blvd., Oakland.  
Low Bidder—Mark Bristol & Co., Inc., 1028 McKinley Ave., Oakland—\$9,599.

Complete bids follow:

## General Construction

Mark Bristol & Co., Inc., Oakland \$9,589.00  
Olaf Petersen, Oakland 9,626.00  
Emil Peterson, Berkeley 9,914.00  
Villadsen Bros., Inc., Oakland 10,000.00  
George Swanstrom, Oakland 10,996.00  
S. G. Johnson, Oakland 11,300.00  
Aarvaks Heating Appliance Co., 2313 Valley St., Berkeley \$ 378.00  
Atlas Heating & Ventilating Co., Ltd., San Francisco 388.00  
Diamond Heating Co. 4100.00  
Pacific Gas Appliance Co. 491.31  
Aladdin Heating Corp. 5012.25  
Bids are being held under advisement.

## 18—WHARVES &amp; DOCKS

**Bids Wanted — To Close June 24, 2 P. M.**  
WHARF & BLDG. Cost, \$...  
SAN FRANCISCO, Piers 35 and 37.  
Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacketed pile foundations, asphaltic pavement on timber decks, composition roofing, steel rolling doors, electrical work. All work included in general contract.  
Owner—State of California (Board of Harbor Commissioners), Ferry Building.  
Engineer—Frank G. White, Ferry Building.  
Plans and specifications may be obtained at Room 18, Ferry Bldg., upon deposit of \$10.  
Bids will be opened in the Board Room.

**BIDS WANTED**  
SAN FRANCISCO, Calif.—Until July 7, 2 p.m., bids will be received by State Department of Public Wks., C. B. Farrell, Chief Engineer, Room 811, 500 Sanson St., San Francisco, for construction of automatic sprinkler revisions, and installation at Harbor Piers 24, 26 and Shed 24-26.  
Bids will be taken under one item for revision and installation of automatic sprinklers.  
Plans and specifications obtainable from above office.

## 19—MISC. CONSTRUCTION

**BIDS WANTED**  
SAN LUIS OBISPO, Calif.—Until June 22, 2 p.m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Figueroa St., San Luis Obispo, for constructing tennis courts; furnishing and erecting court fence and nets; and painting playing lines, at the California Polytechnic School at San Luis Obispo.  
Specifications obtainable at the above office.

**Award of Contract Indefinitely Postponed**  
ADDITION COST, \$...  
SHREVE POINT, Contra Costa Co.; 5 miles from Pittsburg.  
One-story reinforced concrete addition to laboratory.  
Owner—Shell Oil Co.  
Plans & Engineering Department of Owyhee.  
Plans were figured by a selected list of contractors.

**CONTRACTS AWARDED**  
LOS ANGELES, Calif.—Pacific Rock & Gravel Co., 208 W. 8th St., awarded contract by Los Angeles Union Passenger Terminal for furnishing and gravel for the main station buildings and other structures to be built on the terminal site. Riverside Cement Co., 621 S. Hope St. and California Portland Cement

Co., 601 W. 5th St., awarded contract for furnishing 25,000 bags of cement for the project. Robert E. McKee, Central Bldg., is the general contractor for the main station buildings.

**Preparing Plans**  
BUS TERMINAL. Cost, \$175,000  
FORTLAND, Oregon, Sw Taylor between 5th and 6th Sts.  
Two and three-story bus terminal (all waiting rooms, baggage rooms, and bus facilities) covering runway between proposed structure and Pacific Bldg.  
Owner—Pacific Greyhound Lines, San Francisco.  
Department of owner.

**BIDS WANTED**  
MARCH FIELD, Riverside County, Cal.—Until June 25, 11 A. M., bids will be received by the Auction Quartermaster, March Field, for the construction of approximately 66,666 sq. yds. runway consisting of 6-inch stabilized soil base (using disintegrated granite) with three application surface treatment; all storm drains, manholes, concrete box drains and connections, all grading, excavation and backfill. Bid W-6694-gm-37-2. Alternate bids will be received on use of clay pipe instead of concrete pipe and use of gravel in place of disintegrated granite.  
Plans and specifications obtainable from above office.

**ADDITIONAL ALLOTMENT**  
KING CITY, Wash.—Due to the rise in cost of materials, the Rural Electrification Bureau has made an additional allotment of \$6,200 to the Mutual Power & Light Association, Tacoma, Washington. A loan contract in the amount of \$13,000, to build 13 miles of line to serve 38 customers in King County, has been executed with the sponsors. Actual construction is expected in the near future. Wholesale power will be supplied by the Seattle municipal plant.

**ALLOTMENT GRANTED**  
UMATILLA AND MORROW COS., Oregon—An allotment of \$129,000 has been made to the Umatilla-Morrow Power Cooperative, Hermiston, Oregon, by the Rural Electrification Administration, for the construction of 120 miles of line to serve 492 customers in Umatilla and Morrow counties.

**BIDS WANTED**  
FORT McDOWELL, Calif.—Until June 21, 10:45 A. M., bids will be received by the Office of the Quartermaster, Fort McDowell, Angel Island, under Bid No. 536-37-40, for laying submarine cable from Tiburon Point to Fort McDowell (No. 4 A. W. G.); mounting submarine cable on West Garrison Substation, connecting pothead and installing disconnecting switches at West Garrison Substation; and connecting cable to and furnishing and installing terminal pole connecting pothead and disconnecting switches at Tiburon Point.  
Specifications obtainable from the above office.

**PREPARING PLANS**  
TUCSON, Ariz.—Southern Pacific Co., San Francisco, is preparing plans for enlarging and remodeling the company's depot in Tucson; estimated cost, \$50,000.

**FUNDS ALLOTTED**  
LEWISTON, Idaho.—The Clearwater Valley Light & Power Association, Inc., Lewiston, Idaho, may use up to \$76,000 for the construction of a generating plant to be located in Latah County. The Rural Electrification Administration announced this

week.  
This project includes 300 miles of line to serve 900 customers in Nez Perce, Benewah, Clearwater, Latah, Lewis and Shoshone Counties, Idaho, and Whitman County, Washington.

**PROPOSED**  
**LOS ANGELES, Calif.**—Los Angeles County Supervisors this week pledged \$250,000 providing the state provides a similar sum for financing construction of a proposed stadium near Los Angeles Union Stockyards for the Great Western Livestock Show. Architect Harry T. Miller, 4814 Loma Vista St., prepared the sketches for the structure several months ago.

June 17, 1937.  
**Structural Steel Contract Awarded**  
**MORTUARY** Est. Cost, \$100,000  
**SAN FRANCISCO.** Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five stumber rooms, four operating rooms), wood floors and partitions, oil burning hot air conditioning system, composition roof, tile wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.

Owner—Cheva Kadisha, 1117 Buchanan St.  
Architect—Hyman and Appleton, 68 Post St.

Contractor—Jacks & Irvine, 620 Market Street.

**Structural Steel**—Western Iron Wks., 141 Beale St.

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS OPENED**  
**OAKLAND, Calif.**—Great Western Electro-Chemical Co., 9 Main Street, San Francisco, at \$6400, submitted the low bid to the East Bay Municipal Utility District, Oakland, under Bid No. 876, for furnishing 80 tons of liquid chlorine.  
No other bids were submitted.

**BIDS OPENED**  
**OAKLAND, Calif.**—Following identical bids were submitted to the East Bay Municipal Utility District, Oakland, under Informal Proposal No. 878, for 625 tons of quick lime and hydrate lime:  
U. S. Lime Products Corp., Diamond Springs Lime Co., Calif. Chemical Co., and Shubback Lime Co., at \$11,840.00.

**BIDS OPENED**  
**OAKLAND, Calif.**—Stauffer Chemical Co., 636 California St., San Francisco, at \$8,875 submitted the low bid to the East Bay Municipal Utility District, Oakland, under Informal Prop. No. 877, for 250 tons of aluminum sulphate.  
Total bids follow:  
Stauffer Chemical Co., San Francisco, \$6,875  
General Chemical Co., San Francisco, 7,000

**CONTRACT AWARDED**  
**COLOADO RIVER PROJECT.**  
Texas—St. Louis Structural Steel Co., East St. Louis, Ill., at \$11,397.41, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 918-D, for furnishing two bulkhead gate frames for the diversion conduits at the Marshall Ford Dam, Colorado River Project, Texas.

**BIDS WANTED**  
**LOS ANGELES**—Until June 23, 10 a.m., bids will be received by the Los Angeles Harbor Department, 112 City Hall, Los Angeles, for creosoted piling, Spec. 929. Items are: (1)

56,100 ft. D F bearing piles, treated 16 lbs. creosote oil per cu. ft.; (2) 11,600 D F fender piles, treated 12 lbs. creosote oil per cu. ft.; (3) 56,160 ft. Southern pine bearing piles, treated 22 lbs. creosote oil per cu. ft.; (4) 11,600 ft. Southern pine fender piles, treated 16 lbs. creosote oil per cu. ft.  
Specifications obtainable from the above office.

**BIDS WANTED**  
**LOS ANGELES, Cal.**—Until June 14, 2 P. M. bids will be received by the U. S. Engineer, Los Angeles, for 10,000 cu. ft. acetylene and 20,000 cu. ft. oxygen. Circ. Prop. 312.

**BIDS WANTED**  
**SANTA ROSA, Sonoma Co., Cal.**—Until June 29, bids will be received by the Board of Education, Santa Rosa High School District, Elsie D. Pedersen, Secretary, Santa Rosa, for furnishing fuel oil of specific gravity 15 Baume and for maintenance and repair of oil burners and furnaces operated by the Board.

Specifications obtainable from the above office.

**BIDS OPENED**  
**SAN FRANCISCO**—General Engineering & Drydock Co., 1100 Sansome St., San Francisco, at \$1911.96, submitted the low bid to T. A. Brooks Purchaser of Supplies, Room 270, City Hall, for furnishing valve indicator stem renewals for San Francisco High Pressure Water System. Alternate price is after deduction for salvage of old bronze.

Total bids follow:  
General Engineering and Drydock Co., San Francisco: \$5,036.96; (a) \$4,911.96.

M. Greenberg's Sons, San Francisco: \$5,146.77; (a) \$4,896.77.  
United Engineering Co., San Francisco: \$9,105.91; (a) \$8,955.91.

**BIDS WANTED**  
**BERKELEY, Alameda Co., Calif.**—Until June 29, 10 a.m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City of Berkeley, for furnishing 2000 tons, more or less, concrete mix.  
Specifications obtainable from the above office.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—Kelman Elec. and Mfg. Co., 1650 Naud Street, Los Angeles, at \$81,608, awarded contract by the Los Angeles Water & Power Commission, for furnishing oil circuit breakers, tank lowering device, and one manual operating handle. Spec. No. 2298.

**BIDS OPENED**  
**LOS ANGELES, Calif.**—Following bids received by the Los Angeles County Supervisors for reinforcing steel for spillway at San Gabriel Dam No. 1; f.o.b. trucks or railroad cars at Azusa.

The work involved:  
(1) 265 cwt. 1½-in. sq. deformed;  
(2) 654 cwt. 1½-in. sq. deformed;  
(3) 272 cwt. 1½-in. sq. deformed;  
(4) 310 cwt. 1-in. round deformed;  
(5) 870 cwt. ¾-in. round deformed;  
(6) 3825 cwt. ¾-in. round deformed;  
(7) 1930 cwt. ¾-in. round deformed;  
(8) 52 cwt. ½-in. sq. deformed;  
(9) 368 cwt. ½-in. round deformed;  
(10) 10 cwt. ¾-in. round deformed.  
C. H. Howell, Chief Engineer, Los Angeles County Flood Control Dist.

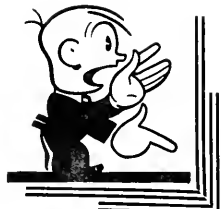
The bids were:  
Truscon Steel Co.—(1) \$2,933, (2) \$2,888, (3) \$2,768, (4) \$2,741, (5) \$2,845, (6) \$2,655, (7) \$2,822, (8) \$3,15, (9) \$3,186, (10) \$3,569; \$23,819.66; discount base, \$23,306; terms, ½ of 1% 10 da.; net 30 da.; net total \$23,702.63.

Blue Diamond Corp., Ltd.—(1) \$2,781, (2) \$2,781, (3) \$2,781, (4) \$2,781,

(5) \$2,781, (6) \$2,781, (7) \$2,884, (8) \$2,987, (9) \$3,193; \$24,983.67; discount base, \$24,382.20; terms, ½ of 1% 10 days from date of invoice; net \$23,265.29.

Concrete Engrg. Co.—(1) \$3,063, (2) \$2,923, (3) \$2,934, (4) \$2,796, (5) \$2,994, (6) \$2,759, (7) \$3,038, (8) \$3,228, (9) \$3,27, (10) \$3,517; \$24,933.29; discount base, \$24,421.55; ½ of 1% 10 days from date of invoice; net total, \$23,811.18.

Stonl Steel Co.—(1) \$3.16, (2) \$3.16, (3) \$3.16, (4) \$3.16, (5) \$2.796, (6) \$3.16, (7) \$3.26, (8) \$3.36, (9) \$3.36, (10) \$3.56; \$27,315.96; discount base, \$25,730.57; terms, ½ of 1%: net total, \$27,189.31.



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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and
22—Dredging, Harbor	Works, Excava-
23—Excavation	31—Pipe Lines and
24—Irrigation Proj.	Wells
25—St. Light Systems	32—Sewers & Sewage
26—Machinery and	Disposal Plants
Equipment	
27—Railroads	33—Water Works
28—Fire Alarm Sys.	34—Parks & Play
29—Fire Equipment	grounds
30—Streets & High-	35—Tunnels
ways	

### 21— BRIDGES

#### CONTRACT AWARDED

**SANTA BARBARA, Calif.**—J. E. Haddock, Ltd., 357 N. Chester St., Pasadena, at \$14,000 awarded contract by Santa Barbara county supervisors for constructing two concrete bridges over Montecito Creek in the 1st Supervisorial District, Nels Oakerson, Santa Barbara, was the only other bidder at \$16,110.

#### CONTRACT AWARDED

**YUBA CO., Calif.**—M. A. Jenkins, 2560 Y St., Sacramento, at \$12,770, submitted the low bid and awarded contract by the Yuba County Board of Supervisors, Hall of Records, Marysville, for the construction of a 20-ft.-wide detour,  $\frac{1}{4}$  mi. long, at Rio Ono Bridge, and an extension to and raising of the north end of the Rio Ono Bridge over Bear River, in Road District No. 1.

Bids were taken as follows:

- (1) Crewsot construction;
- (2) Redwood construction.

Total bids follow:

M. A. Jenkins, Sacramento—(1)	\$12,580; (2) \$12,770.
Holdener Constr. Co., Sacramento—	(1) \$13,700; (2) no bid.
Bundesen & Lauritzen, Pittsburg—	(1) \$15,625; (2) \$15,953.

#### COMPLETE BIDS

**ELDORADO CO., Calif.**—Hector Williamson, Placerville, at \$1,500, submitted the low bid to the Eldorado County Board of Supervisors, Court House, Placerville, for construction of a reinforced concrete bridge across Tennessee Creek in the Green Valley Road, near Egger's.

Total bids follow:

H. C. Williamson, Placerville	\$1,500
L. Kays, Stockton	2,500
Lewis & Clark	2,734

### 22— DREDGING HARBOR WORKS, EXCAVATION

#### BOND ELECTION

**SANTA ANA, Calif.**—An election will be held July 27 to vote on a \$2,500,000 bond issue to provide the county's share of a \$5,000,000 flood control construction program to be undertaken by the U. S. Army Engineers. This will be the fourth time the flood control proposal has been submitted to voters.

#### CONTRACT AWARDED

**MARIN CO., Calif.**—Dunsmuir-Harrison Co., 160 de Young Bldg., San Francisco, at \$148,600, awarded contract by the U. S. Engineer in Charge, Lieut.-Col. J. A. West, District Engineer, Custom House, under Bid No. 868-37-275, for removal and dis-

posal of approx. 8,500 sq. ft. of the existing Quartermaster Wharf and the construction of a reinf. concrete abutment and wharf approx. 29,500 sq. ft. at Fort Baker, Calif.

Original bid was \$209,794. Length of wharf was cut so that cost would fall within allotment for work.

Work consists of the construction of a submarine mine wharf in Horse-shoe Bay, adjacent to the existing Quartermaster Wharf at Fort Baker, and involves the removal and disposal of a part of the existing Qu. wharf allotment for work. Work consists of the construction of a reinforced concrete wharf and approach thereto, the wharf and approach to be complete with fenders, tender piles, curbs, electrical and telephone conduit and junction boxes, 36-in. gauge railway tracks, asphalt concrete surface, asphalt under-deck coating, drains, and mooring bitts and cleats.

#### BIDS OPENED

**SAN DIEGO, Cal.**—R. T. Dawson, 4333 Maryland Ave., San Diego, submitted the low bid to the Public Works Officer, 11th Naval District, San Diego, at \$57,950 (item 1), for the extension to the quay wall at the Naval Operating Base (Destroyer Base), San Diego. Spec 8438. Work includes extension of existing quay wall and dredging. The quay wall extension will be 450 feet long, more or less, and includes reinf. concrete precast sheet piles; reinforced concrete caps; untreated timber bearing piles and timber platforms; creosoted timber bearing piles and timber platform; creosoted timber fender system; C.I. bollard, CE cleats and miscellaneous steel and iron work. Dredging will consist of excavating and disposal of 200,000 cu yds. more or less. The bids were:

R. T. Dawson: (1) \$67,950; (2) \$1,350; (3) \$0.75; (4) (5) \$.

B. O. Larson: (1) \$75,400; (2) \$1,512; (3) \$1.00; (4) (5) \$.

V. R. Dennis Co.: (1) \$76,490; (2) \$1,000; (3) \$30; (4) (5) \$.

Southern Calif. Roads Co.: (1) \$79,500; (2) \$1,400; (3) \$1.25; (4) (5) \$.

Shanahan Bros.: (1) \$80,597; (2) \$1,200; (3) \$2.00; (4) (5) \$0.32.

M. H. Golden: (1) \$81,197; (2) \$1,400; (3) \$1.00; (4) (5) \$.

Chas. and F. W. Steffen: (1) \$86,500; (2) \$1,700; (3) (4) (5) \$.

Mogave Corp.: (1) \$95,078; (2) \$1,600; (3) \$2.25; (4) (5) \$.

Case Const. Co.: (1) \$116,781; (2) \$1,750; (3) \$0.35; (4) (5) \$.

Standard Dredging Co.: (4) \$0.30.

#### BIDS WANTED

**SACRAMENTO, Calif.**—Until June 25, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-37-237, for furnishing and operating a clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers and tributary channels.

Specifications obtainable from the above office.

#### CONTRACT AWARDED

**YOLO AND SACRAMENTO COS., Calif.**—Haas & Doughty & Jones and Marshall & Stacy, 1104 Merchants' Exchange Bldg., San Francisco, at \$115,500 awarded contract by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, Dist. Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-239, for setting back, raising and strengthening the existing levee and constructing new levee, as follows:

#### SECTION I

(a) Along the west levee of the Yolo By-Pass southerly from Fremont Weir approximately 2.3 miles to the north levee of Knights Landing Ridge Cut (304,500 c.y.);

(b) Along the north and south levees of Knights Landing Ridge Cut for approximately  $\frac{3}{4}$  mile northwesterly from the west levee of the Yolo By-Pass and approximately 2,200 ft. of spur levee; (152,300 c.y.);

(c) Along the west levee of Yolo By-Pass from the south levee of Knights Landing Ridge Cut approximately 2 miles to the Sacramento Northern R. R. (480,500 c.y.).

#### SECTION II

(a) Along the northerly and easterly training levee of the Cache Creek Settling Basin from the west levee of the Yolo By-Pass in a general westerly and northerly direction for approximately 3 miles to the north levee of Cache Creek (212,500 c.y.);

(b) Along the south levee of Cache Creek from a point about 1.5 miles east of the Southern Pacific Railroad for approximately 1.2 miles, then southerly and westerly along the West Training Levee of Cache Creek Settling iron work for approximately 3.8 mi. (113,900 c.y.).

#### CONTRACT AWARDED

**SAN DIEGO, Calif.**—R. T. Dawson, 4333 Maryland Ave., San Diego, at \$54,450, awarded contract by the Public Works Officer, 11th Naval District, San Diego, at \$57,950 (item 1), for the extension to the quay wall at the Naval Operating Base (Destroyer Base), San Diego. Spec. 8438. Work includes extension of existing quay wall and dredging. The quay wall extension will be 450 feet long, more or less, and includes reinforced concrete precast sheet piles; reinforced concrete caps; untreated timber bearing piles and timber platforms; creosoted timber bearing piles and timber platform; creosoted timber fender system; C.I. bollard, CE cleats and miscellaneous steel and iron work. Dredging will consist of excavating and disposal of 200,000 cu. y. more or less.

Standard Dredging Company, 325 Central Bldg., Los Angeles, at \$48,000, awarded contract for dredging only. Award to Dawson made on basis of Items One, Two and Three.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California



**BIDS OPENED**

**SAN DIEGO, Calif.—V. R. Dennis Constr. Co., 3911 5th Ave., San Diego, at \$82,544, submitted low bid and was recommended for award of contract by 11th Naval District, San Diego, for additional facilities for parking seaplanes at Naval Operating Base (Air Station), San Diego; Spec. 8495. Work includes construction of inclined creosoted timber seaplane runway, 40 feet wide, extending outboard over and into water 190 feet; sections of concrete bulkhead wall 1200 feet long; 290,000 sq. ft. 5-in. concrete pavement; work on runway includes creosoted timber piles supporting creosoted timber caps, stringers, deck planking, guard rails, secured together and to timber piles with galvanized straps, bolts, spikes and miscellaneous iron work; bulkhead wall included untreated timber piles for foundation and concrete materials for superstructure; pavement to be one course portland cement concrete and includes grading and preparation of subgrade.**

The complete bids were: V. R. Dennis Constr. Co.—(1) work complete, \$82,544; (2) elimination of seaplane runway, \$67,710; (3) construction of seaplane runway only, \$48,679; (4) elimination of section of bulkhead, \$400.

Daley Corp.—(1) \$83,156, (2) \$66,616, (3) \$16,540, (4) \$460.

E. Paul Ford—(1) \$85,960, (2) \$69,900, (3) no bid, (4) \$500.

H. H. Golden—(1) \$89,826, (2) \$71,521, (3) \$19,960, (4) \$489.

B. G. Carroll—(1) \$90,375, (2) \$72,400, (3) \$20,125, (4) \$460.

Griffith Co.—(1) \$93,208.75, (2) \$74,708.65, (3) \$18,500, (4) \$475.

Chas. & F. W. Steffgen—(3) \$18,249.

**23—CANALS**

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL**—Sharp and Fellows Contracting Co., 533 Central Building, Los Angeles, at \$269,000, (Schedule 1) awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 724, for the construction of the New River crossing and other structures, Station 3633 to Station 3826, All-American Canal, Boulder Canyon Project, near Calexico.

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL**—Southwest Welding and Mfg. Co., 3201 W. Mission Road, Alhambra, at \$110,770, awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 724 for furnishing and erecting 186-in. diam. welded plate-steel pipe and appurtenances for the New River crossing, Station 3633 to Station 3826, All-American Canal Project, Boulder Canyon Project, near Calexico.

**BIDS WANTED**

**SUN RIVER PROJECT, Montana**—Until July 8, 10 a. m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Fairfield, Montana, for construction of earthwork and structures, Sun River Slope laterals 103 to 131, Spring Valley laterals 1 to 75, and sub laterals, Sun River Slope Division—Sun River Project, Montana, under Spec. No. 741.

The work involves:

- (1) 9200 cu. yds. of overhaul;
- (2) 9200 cu. yds. of excav. for struts;
- (3) 7200 cu. yds. of excav. for struts;
- (4) 2200 cu. yds. of backfill;
- (5) 1500 cu. yds. of concrete in struts;
- (6) 1320 sq. yds. of grouted paving;
- (7) 350 sq. yds. of dry-rock paving;
- (8) 110,700 lbs. of reinf. bars, in place;

- (9) 9 MFEM of timber in struts, erecting;
  - (10) 93 lf. of No. 72 metal flume, erecting;
  - (11) 1,576 lf. of 15-in. to 30-in. conc. pipe, laying;
  - (12) 960 lf. of 15-in. to 30-in. MiscP, laying;
  - (13) 30,700 lbs. of gates and metalwork, installing.
- Specifications obtainable from the above office.

**24—STREET LIGHTING**

**BIDS OPENED**

**TUCSON, Ariz.**—White and Miller, Box 2350, Tucson, at \$93,213.97, submitted the low bid to the Tucson City Council for improvements to the pavement in the Seventh and Eighth Street District.

Bids were taken as follows:

- (A) Asphalt cement;
  - (B) Portland cement concrete;
- Total bids follow:  
White & Miller, Tucson: (A) \$93,213.97; (B) \$101,704.78.  
Phoenix — Tempe Stone Co.: (A) \$95,266.43; (B) \$101,466.73.  
Tanner Const. Co.: (A) \$96,928.44;

**BIDS WANTED**

**STOCKTON, San Joaquin Co., Cal.**—Until June 21, 5 P. M., bids will be received by the City Council, B. L. Trahern, Clerk, City Hall, for furnishing electrical energy, labor and materials necessary for the operation and maintenance of street lighting system situated in Lighting Maintenance District No. 16.  
Plans and specifications obtainable from the above office. \* 24

**25—MACHINERY AND EQUIPMENT**

**CONTRACT AWARDED**

**SUN RIVER PROJECT, Montana**—Harnischfeger Corp., Milwaukee, at \$29,250, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 925-D, for furnishing one 1½-c.y. clutch-operated, crawler traction mounted, full revolving, Diesel engine powered, dragline excavator, and the 1½-c.y. dragline bucket, for the Sun River Project.

**BIDS OPENED**

**EUREKA, Humboldt Co., Calif.**—Following bids were received by the State Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the rental of two 3-yd. dump trucks, for approximately 700 hours each:  
Maude D. Smith, Rt. 1, Box 651, Campbell, \$211 per hour.  
Rock & Gravel Trucking Co., Oakland, \$2.33.  
S. R. Longfelt, San Francisco, \$2.40.  
Eddie Landua, San Francisco, \$2.43.  
Devar's Express, Eureka, \$2.43.  
G. R. Starckenburg, Los Angeles, \$2.43.  
Daniel Gallagher T. M. & R. Co., San Francisco, \$2.43.  
Charles L. Harney, San Francisco, \$2.43.  
E. M. Taylor, Cottonwood, \$2.43.  
W. E. Sanclier, Miranda, \$2.43.  
K. G. Dowdy, San Francisco, \$2.43.  
W. K. Walker, San Francisco, \$2.43.  
John M. Vance, Eureka, \$2.43.  
Ashrust Bros. and W. E. Sanclier, Honolulu, \$2.43.  
Asa O'Han, Los Angeles, \$2.43.  
J. Starckenburg, Los Angeles, \$2.43.  
Gilbert Adams, Sacramento, \$2.75.  
A. E. Garcia, Jr., Irvington, \$3.25.

**--- AWARDED**

**OAKLAND, Calif.**—American La France and Foamite Industries, Inc., 231 11th St., Oakland, at \$10,251.50, awarded contract by the Oakland City Council, City Hall, for furnishing a city service fire truck and chassis for the fire department. \*

**BIDS WANTED**  
**SAN FRANCISCO, Calif.**—Until June 22, between 1 and 2 p. m., bids will be received by the Oakland City Council, City Hall, for furnishing one truck chassis for the Fire Department.  
Specifications obtainable from the above office. \*

**BIDS OPENED**

**BONNEVILLE, Ore.**—NePage-McKenney Co., 804 Sixth St., Seattle, at \$86,829, submitted the low bid to the U. S. Engineer Office, Second Portland District, 627 Pittcock Block, Portland, under Bid No. 694-37-389, for designing, constructing, testing and delivering for cars at factory shipping point, seven items of switchboards, control cubicles, signal panels and related accessories for the Bonneville Powerhouse, Bonneville.  
Total bids follow:  
NePage-McKenney Co., Seattle, \$86,829.00.  
Westinghouse Electric & Mfg. Co., Pittsburgh, Pa., \$106,517.00.  
General Electric Schenectady, N. Y., \$116,556 and \$120,411.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Berkeley Steel Const. Co., Inc., Second and Camelia Sts., Berkeley, at \$490, awarded the contract by East Bay Municipal Utility District, 512 26th St., Oakland, under Spec. No. L. S. 198, for furnishing and erecting a 25,000 gallon elevated steel water storage tank at Camp Pardee. \*

**BIDS OPENED**

**OAKLAND, Calif.**—Following contractors submitted identical bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for furnishing one air compressor to the city street department.  
Bids were taken as follows: (1) mounted on skids or truck chassis; (2) mounted on four-wheel trailer.  
Leitch and Co., San Francisco—(1) \$3,141.50; (2) \$1,042.75.  
Maxwell Hardware Co., Oakland.  
Ingersoll Co., San Francisco.  
Edward R. Bacon Co., San Francisco.  
Sam Bates Co., Oakland.  
Harron, Rickard & McCone Co., San Francisco.  
Worthington Pump & Machy Co., Sullivan Machy Co., San Francisco.

**BIDS WANTED**

**GRASS VALLEY, Cal.**—Until June 22, 7:30 p. m., bids will be received by the Grass Valley City Council, Everett Edward, Clerk, City Hall, for furnishing one spray tank roller, capacity of 400 gals., mounted on dual pneumatic trailer.  
Specifications obtainable from the above office.

**BIDS OPENED**

**OAKLAND, Calif.**—L. M. Clough Co., 883 Foothill Blvd., Oakland, at \$9,902, submitted the low bid to the Board of Port Commissioners, Room 73, Grove St. Pier, Oakland, for furnishing crusher run rock for base course, macadam rock and screenings for surfacing, and road oil for construction of oil macadam pavement, F.o.h. Ninth Ave. Terminal.  
Complete bids follow:  
L. M. Clough Co., Oakland, \$9,902.00  
Hutchinson Co., Oakland 10,291.30

**BIDS OPENED**

**OAKLAND, Calif.**—American Concrete & Steel Pipe Co., 19th Ave. and Estuary, Oakland, at \$3,132.55, submitted the low bid to the Board of Port Commissioners, Room 73, Grove St. Pier, Oakland, for furnishing concrete pipe; f.o.b. Ninth Ave. Terminal, Oakland.

Complete bids follow:  
 American Concrete & Steel  
 Pipe Co., Oakland, \$3,133.55  
 California Concrete Prod-  
 ucts Co., Oakland, 3,229.95

## 29—STREETS AND HIGHWAYS

### CONTRACT AWARDED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$17,665, awarded contract by the Board of Education, Sacramento Unified School District, for the construction of yard, roads and sidewalks at the Sacramento Senior High School.

### BIDS OPENED

LOS ANGELES and Orange Cos., Cal.—Southern California Roads Co., 2145 E 25th St., Los Angeles, submitted the low bid to C. H. Purcell, State Highway Engineer, June 10, at \$26,244, for highway improvement in Los Angeles and Orange counties, at various locations in Dist. VII, about 33.9 miles road-mix surface treatment to be applied to shoulders, involving:

- (1) 268,800 sq. yds. prepare, mix and shape shoulders;  
 (2) 2160 tons liquid asphalt, SC-2.

The bids were:

Southern California Roads Co., (1) \$045; (2) \$655; (total) \$26,244.  
 Oswald Bros., (1) \$055; (2) \$640; (total) \$28,698.

Match Bros., (1) \$063; (2) \$685; (total) \$31,730.40.

Dimmitt & Taylor, (1) \$065; (2) \$750; (total) \$33,672.

A. S. Vinnell Co., (1) \$07; (2) \$7; (total) \$33,936.

Griffith Co., (1) \$065; (2) \$8; (total) \$34,752.

O'Hields Trucking Co., (1) \$09; (2) \$890; (total) \$43,426.

### BIDS OPENED

NAPA CO., Calif.—Harold Smith, 1427 Kearny St., St. Helena, at \$10,254.50, submitted the low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 3.3 miles surfacing with imported surfacing material and applying penetration oil treatment, and installing underdrains in Napa County, between the summit of Mt. St. Helena and northerly boundary.

The work involves:

- (1) 75 M. gals. water in place;  
 (2) 36,000 sq. yds. preparing subgrade  
 (3) 7,000 cu. yd. imported surf. material;  
 (4) 27 tons liquid asphalt, SC-1A;  
 (5) 38 tons, SC-2;  
 (6) 400 cu. yd. structure excavation;  
 (7) 2,050 lf. 8-inch perforated metal pipe in place to be furnished by the State;

(8) 360 cu. yd. rock filling material.

Total bids follow:

(A) Harold Smith, St. Helena, \$10,254.50.

(B) Lee J. Immel, Berkeley, \$12,128.

(C) Rock & Gravel Trucking Co., Oakland, \$12,492.

(D) E. A. Forde, San Anselmo, \$12,490.50.

(E) Frank Emberton, Berkeley, \$12,822.40.

(F) A. Soda & Sons, Oakland, \$14,350.00.

Unit bids follow:

- (A) (B) (C) (D) (E) (F)  
 (1)..... \$2.60 \$2.50 \$7.00 \$2.60 \$3.00 \$2.50  
 (2)..... 0.4 0.45 0.15 .06 .05 .05  
 (3)..... .79 1.00 .575 .90 .80 1.13  
 (4)..... 15.00 15.00 19.00 15.00 17.00 18.00  
 (5)..... 1.5 1.60 2.10 1.60 1.80 1.80  
 (6)..... 1.5 1.60 2.7 1.50 3.00 2.70  
 (7)..... .25 .25 1.25 .25 .30 .25  
 (8)..... 2.50 2.00 3.00 3.00 3.50 3.25

BLUE PRINTS AVAILABLE  
 SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, 330

notifies the cost of blue prints now available on work for which bids will be opened in Sacramento June 30, and in Los Angeles, July 1, 1937.

Following is a list of blue prints and prices:

VI-117-133-129-A-E—Bet. Visalia & Stafford's Corner. Bids to be opened in Sacramento: PLANS (Number of Sheets), NONE.  
 VI-Ven-9-2-AB-BC—Bet. Route 2 and 2.5 miles east of Moorpark and between Camarillo and Beetox. Bids to be opened in Los Angeles: NONE.  
 Road VIII-SB-9-D, Upl., Alameda & S.B.L. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 62; cost, \$620; CROSS-SECTIONS (No. of Sheets), 293; cost, \$23.90; total, \$50.10.

Plans obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento. Checks should be made payable to the Department of Public Works, Division of Highways.

### BID INFORMATION

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces that beginning with June 16, 1937, bids for highway work to be received in Sacramento will be opened in the Highway Commission Assembly Room of the New Public Works Building, located at the SW corner of the intersection of Twelfth and N Streets, Sacramento.

### BIDS OPENED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raish, 358 Lincoln Ave., San Jose, at \$7,444.60, submitted the low bid to the San Jose City Council, for the improvement of Polhemus and Taylor Sts. from San Pedro to Colma Sts.

Total bids follow:  
 A. J. Raish, San Jose, \$7,444.60  
 Union Paving Co., S. F., 7,573.60

### LOW BIDDER

YERBA BUENA ISLAND, Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, submitted low bid to the San Francisco Bay Exposition Co., for the first unit of road construction on Yerba Buena Shoals. The road will be used primarily to facilitate construction work on the Shoals.

### BIDS WANTED

LOS ANGELES—Until June 24, 2 p.m., bids will be received by the Los Angeles Board of Education, 1161 S. Broadway, for street improvements and storm drain at Lincoln High School.

### BIDS WANTED

SEBASTOPOL, Sonoma Co., Calif.—Until June 14, 2 P. M., bids will be received by the Sebastopol City Council, F. G. McFarlane, City Clerk City Hall, for the improvement of Petaluma Avenue Extension from Santa Rosa Ave. to McKinley St. Plans and specifications obtainable from the above office.

### BIDS WANTED

WASHOE CO., Nevada.—Until June 21, 10 a.m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for furnishing liquid asphaltic road material as follows: 200 tons, Type SC-2, for use on Section B of Route 2, the Mt. Rose National Forest Highway, Tahoe National Forest, Washoe Co., Nevada.

Specifications obtainable from the above office.

### BIDS WANTED

LAS VEGAS, Nevada.—Until June 23, 2 P. M., bids will be received by the Las Vegas City Commissioner for improving S First St., S Second

St., Coolidge and other streets, involving oil bound gravel pavement, concrete curbs, gutters, etc.

Work will be financed in part by 45% PWA grant.

Plans and specifications obtainable from Viola Burns, City Clerk

### CONTRACT AWARDED

SACRAMENTO, Calif.—McGivray Const. Co., Sacramento, at \$4,827.90, awarded contract by the Sacramento City Council, City Hall for the improvement of 46th St. from R to T Streets.

### CONTRACT AWARDED

SHASTA CO., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$23,118.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 0.7 miles grading and surfacing with road-mix surface on a road-mix surfacing in Shasta County, at China Gulch.

### BIDS OPENED

SACRAMENTO, Calif.—Heafey - Moore Co., 344 High St., Oakland, at \$16,266 submitted the low bid to the Sacramento County Board of Supervisors, T. F. Petterson, County Clerk, Room 201 Court House Bldg., for resurfacing Rio Linda Blvd.

Total bids follow:

Heafey-Moore Co., Oakland \$16,266.00  
 A. Teichert & Son, Inc., Sacramento 16,714.50

### BIDS WANTED

SISKIYOU COUNTY, Calif.—Until June 29, 2 P. M., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, Calif., for surfacing with road-mix surfacing about 10.7 miles of highway between Moffett Creek and Route 3 (II-Sis-82-D) in Siskiyou County.

Specifications obtainable from the above office.

### CONTRACT AWARDED

LOS ANGELES CO., Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at \$7,853.75 awarded contract by State Division of Highways, S. V. Cortelloni, District Engineer, 808 State Bldg., Los Angeles, for applying road mix surface treatment to existing shoulders on about 3.8 miles in Los Angeles County between east city limits of Los Angeles and west city limits of Monterey Park.

### BIDS WANTED

WASHINGTON STATE.— Until June 29, 10 a.m., bids will be received by L. V. Morrow, Director of Highways, Olympia, Washington, for the construction of bridges and highways, as follows:

Thurston County: Constructing a reinforced concrete bridge 6.2 miles long on Primary State Highway No. 1, Olympia South, U.P.R. Overcrossing and Deschutes River Bridge at Tumwater, Federal Aid Project No. 25-B, in Thurston County, Washington, involving about 5,320 cubic yards of excavation, 3350 cubic yds. of concrete, 1,100,000 pounds of steel reinf. bars, 6500 lbs. of structural steel, 9,950 linear feet of steel foundation piling, 205 linear feet of pipe culverts and other items.

Pierce County: Paving and widening bridge on about 13 miles of Primary State Highway No. 1, Ponders to Lakeview, Federal Aid Project No. 171-A, in Pierce County, Washington, Portland cement concrete pavement under Schedule "A" and asphaltic concrete pavement under Schedule "B" Schedule "A" will involve about 11,000 cubic yards of excavation, 1743 square yards and 5666 cubic yards of concrete pavement, 56,000 pounds of steel reinforcing bars.

Schedule "B" will involve about 10,170 cubic yards of excavation, 743 square yards of cement concrete pavement, 203 square yards and 1,647 cubic yards of cement concrete base and stop, 4,295 tons of asphaltic concrete type I-1. Items common to both Schedules: 80 cubic yards of excavation, 90 cubic yards of concrete, 16,000 pounds of steel reinforcing bars, 523 linear feet of pipe culvert and other items.

**Whitcomb County:** Paving with Portland cement concrete on about 1.9 miles of Primary State Highway No. 1, Bellingham East-Paving Gaps, Federal Aid Project No. 202-A, and on about 0.2 miles of Secondary State Highway No. 1-B, Bellingham North, State Project, all in Whitcomb County. Involving about 10,670 cubic yards of excavation, 13,730 cubic yards of selected roadway borrow, 22,246 square yards of cement concrete pavement, 5,930 pounds of steel reinforcing bars, 32 cubic yds. of concrete, 675 linear feet of pipe culverts, and other items.

**Kittitas County:** Paving with Portland cement concrete, widening existing concrete bridge and constructing a reinforced concrete and steel railway undercrossing on about 0.6 mile of Primary State Highway No. 2, near the vicinity of Federal Aid Projects Nos. 114-A and 114-C, in Kittitas County, Washington, involving about 23,420 cubic yards of excavation, 6,458 square yards of cement concrete pavement, 3,328 cubic yards of concrete, 38,150 pounds of reinforcing steel, 130,000 pounds of structural steel, 3 MFEM timber and lumber, untreated, 1,520 linear feet of timber piling, 1 1/2 tons of asphaltic concrete, Type H-1, 255 linear feet of pipe culverts, and other items.

**Spokane County:** Paving with Portland cement concrete on about 4.6 miles of Primary State Highway No. 2, Vera to Liberty Lake Junction, Federal Aid Projects Nos. 182-E and 23, in Spokane County, Wash., involving about 35,580 cubic yards of excavation, 58,558 square yards of cement concrete pavement, 1,165 tons Type I-1 asphaltic concrete, 23,270 pounds of steel reinforcing bars, 1,107 linear feet of pipe culverts and other items.

**Whitman County:** Clearing, grading, draining, surfacing, manufacturing and stockpiling mineral aggregates, and constructing pile and timber and reinforced concrete bridges on about 10.2 miles of Primary State Highway No. 3, Mokonema West and Colfax South, Federal Aid Project No. 25, in Whitman County, Wash., involving about 130,050 cubic yards of excavation, 83,700 cubic yds. of crushed stone surfacing, 4,870 cubic yards of mineral aggregate (fill rock), 249 cubic yards of concrete, 20,500 pounds of steel reinforcing bars, 2.3 MFEM of creosote treated and 0.4 MFEM of Zinc chloride treated timber and lumber, 910 linear feet of treated timber piling, 13,714 linear feet of cable guard rail Design No. 6, and 2,253 linear feet of pipe culverts and other items.

**Klickitat County:** Surfacing and constructing a light bituminous surface treatment and bituminous re-tread surface on about 4.1 miles of Primary State Highway No. 8, Centerville Junction to Goldendale, State Project, in Klickitat County, Wash., involving about 22,230 cubic yards of crushed stone, 209 tons of bituminous cement, and other items.

**Snohomish Counties:** Constructing cable guard rail on about 16.5 miles of Primary State Highway No. 15, Money Creek Park to 3rd Bar, State Project, in King and Snohomish Counties, Wash., involving about 38,832 linear feet of cable guard rail design No. 6, 1,856 linear feet of half round corrugated

metal flume, 110 linear feet pipe culvert and other items.

**Chelan County:** Constructing a light bituminous and road-mix type Class "B" surface treatment on about 14.6 miles of Primary State Highway No. 15, Summit to Winton, State Project, in Chelan County, Wash., involving about 615 tons of bituminous cement and other items.

Plans and specifications obtainable from above office upon deposit of \$2.

#### CONTRACT AWARDED

**PLUMAS COUNTY, Calif.—**Fredericksen & Westbrook, P. O. Box 138, Lower Lake at \$37,014 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 16.1 miles of surfacing with road-mix surfacing and applying seal coat thereto, in Plumas County between Feather River Inn and Beckworth.

#### BIDS OPENED

**SACRAMENTO, Calif.—**A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$14,391.50, submitted the low bid to the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House Bldg., Sacramento, for resurfacing Del Paso Boulevard.

Total bids follow:

A. Teichert & Son, Inc., Sacramento ..... \$14,391.50  
Heafey-Moore Co., Oakland, 14,758.00  
39

#### BIDS WANTED

**UPPER SNAKE RIVER PROJECT, T. Idaho.—**Until July 7, 10 a.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Ashton, Idaho, for construction of a relocated road at the Grassy Lake Reservoir, Upper Snake River Project, Idaho, under Spec. No. 941-D.

The job is located about 38 miles east of Ashton.

The work involves:

- (1) 1,400 cu. y. of all classes of excav. for roads;
- (2) 2,700 sta. cu. y. of overhaul;
- (3) 300 cu. y. of all classes of excav. for culverts;
- (4) 100 cu. y. of backfill; and
- (5) 51 lf. of 18-in. and 42-in. diam. CMP, laying.

Specifications obtainable from the above office.

#### BIDS OPENED

**ALAMEDA COUNTY, Cal.—**Piazza & Huntley, 296 N. 6th St., San Jose, at \$14,847.50, submitted the low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for placing crusher run base and applying armor coat on about 2.4 miles of highway between Sunol and Dublin.

Total bids follow:

Piazza & Huntley, San Jose \$14,847.50  
Independent Const. Co., Oakland ..... 15,420.00  
Jones & King, Hayward ..... 15,947.50  
Granite Const. Co., Hayward 17,746.25  
Lee J. Immel, Berkeley ..... 18,105.00  
E. A. Forde, San Anselmo ..... 19,915.00

#### BIDS WANTED

**BOULDER CANYON PROJECT.—**Until July 7, 10 A. M., bids will be Plumbing—H. M. Currow, 626 Lincoln St., F. F. Walter, Chief Engineer Denver, for surfacing a portion of the Black Canyon Highway and adjacent parking areas at the Boulder Dam. The work is located about 7 miles northwest of Boulder City, Nev.

The work involves:

- (1) 43,000 sq. yds. preparing sub-grade and base course;
- (2) 1,700 cu. y. of shoulders;
- (3) 1,090 cu. y. excavation for side drains;
- (4) 3,000 cu. y. crush. gravel or crush. rock base course.

- (5) 200,000 gals. of watering;
- (6) 24,000 gals. of prime and seal coats;
- (7) 3,400 cu. y. of crushed gravel or crushed rock surface course;
- (8) 50,000 gals. applying asphaltic oil to surface course;
- (9) 45,000 sq. yds. mixing, compacting and finishing road-mix surfacing;
- (10) 240 cu. y. of coarse sand for seal course.

Specifications obtainable from the above office.

#### BIDS WANTED

**SONOMA CO., Calif.—**Until July 7, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mix surfacing about 1.8 mi. roadway, and the construction of a timber bridge, between 1.2 mi. and 3.0 mi. east of Petaluma, in Sonoma County.

The work involves:

- (1) 250 M. gals. water;
- (2) 250 cu. y. struc. excav.;
- (3) 1,500 cu. y. ditch and channel excavation;
- (4) 22,000 sq. yds. roadbed treatment;
- (5) 12,000 cu. y. imported borrow;
- (6) 98 sta. finishing roadway;
- (7) 2,850 tons mineral aggregate (plant-mix surf.);
- (8) 150 tons liq. asphalt, MC-5 or MC-extra heavy plant mix surf.;
- (9) 5 tons asphaltic emulsion (prime coat);
- (10) 12 tons liq. asphalt, MC-2 (prime coat);
- (11) 14 tons liq. asphalt, MC-3 (seal coat);
- (12) 23 tons screenings (seal coat);
- (13) 650 cu. y. shoulder trench excav.;
- (14) 26 tons liq. asphalt, SC-1A (shoulders);
- (15) 12 tons liq. asphalt, SC-3 (shoulders);
- (16) 2,800 lbs. bar reinf. steel strucs.;
- (17) 25 cu. y. Class A portland cement conc. strucs.;
- (18) 11.5 MFEM dense, select, all-heart struc. Redwood;
- (19) 3.5 MFEM select, all-heart struc. Redwood;
- (20) 1,000 lf. furnish Redwood piles, include test pile;
- (21) 35 each, driv. piles, including test pile;
- (22) 2 each, clearance markers;
- (23) 64 lf. 12-in. CMP;
- (24) 104 lf. 18-in. CMP;
- (25) 120 lf. 24-in. CMP;
- (26) 16 M. min. new property fence;
- (27) 5 each, drive gates;
- (28) 12 each, monuments complete, in place.

The State will furnish CMP. Plans and specifications obtainable from the above office.

#### BIDS WANTED

**SACRAMENTO, Calif.—**Until June 24, between 4 and 5 P. M., bids will be received by the Sacramento City Council, H. G. Denton, Clerk, City Hall for the improvement of 58th St. from the manhole in place approximately 830 feet north of the north line of Folsom Blvd., to the north line of Folsom Blvd. in Sacramento.

Specifications obtainable from the above office.

#### BIDS OPENED

**SEBASTOPOL, Calif.—**Albert Helwig, 115 S. Main St., Sebastopol, at \$122.50, submitted the low bid to the Sebastopol City Council, F. G. McFarlane, City Clerk, City Hall, for the improvement of Petaluma Ave. Extension from Santa Rosa Ave. to McKinley Street.

Total bids follow:

Albert Helwig, Sebastopol \$122.50  
Robinson & Rulofson,

Healdsburg ..... 1,436.00

### CONTRACT AWARDED

**SACRAMENTO, Calif.—R. J. Reeves, 17 O. Box 1072, Sacramento, at \$1,832.36, awarded contract by the Sacramento City Council, City Hall, for a line change at 42nd and D Sts., Sacramento.**

### BIDS OPENED

**SHASTA CO., Calif.—George Pollock Co., P.O. Box 903, Sacramento, at \$19,404, submitted low bid to the State Division of Highways, Sacramento, for furnishing and placing aggregate and screening on about 34.5 miles in Shasta County, between Antler and the northerly boundary.**

The work involves:  
(1) 8,100 tons mineral aggregate;  
(2) 2,250 tons coarse screenings;  
(3) 750 tons fine screenings.

Total bids were:  
(A) Geo. Pollock Co., ..... \$19,404.00  
(B) E. B. Bishop, Orland, ..... 20,925.00

Unit bids follow:  

	(A)	(B)
(1) .....	\$1.34	\$1.75
(2) .....	2.70	2.25
(3) .....	3.30	2.25

### BIDS OPENED

**SAN FRANCISCO, Calif.—M. Bertolino, 32 Shotwell St., San Francisco, at \$2730, submitted the low bid to the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19014, for the construction of sidewalks on California St., bet. Tenth Ave. and 108 feet east, and numerous other locations. The work involved 13,000 square feet of two-course concrete sidewalk.**

Bertolino's was the only bid submitted. His unit bid was \$0.21.

### BIDS OPENED

**GLENN COUNTY, Cal.—N. M. Ball Sons, 852 Carmel, Albany, at \$193,693.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphaltic concrete portions of about 7 miles in Glenn County, between Willows and Artois.**

The work involves:  
(1) 281 sta. clear and grub right of way;

- (2) 2,150 M. gals. water;
- (3) 30,500 cu. yd. rdwy. excav., unclass.
- (4) 3,900 cu. yd. struc. excav.
- (5) 1,050 cu. ft. ditch and channel excavation;
- (6) 150,000 sta. yds. overhaul;
- (7) 45,000 cu. yd. imported borrow (Class A);
- (8) 28,100 cu. do. (Class B);
- (9) 170 cu. yd. remove concrete pavement and walks;
- (10) 20 cu. yd. remove concrete struc.;
- (11) 320 sta. finishing rdwy.;
- (12) 29 tons liquid asphalt SC-2 (penetration oil treatment);
- (13) 70 tons sand (do.);
- (14) 35 tons asphaltic emulsion (seal coat);
- (15) 1,200 tons asphaltic cement, Gr. D (asphalt concrete);
- (16) 14,250 tons mineral aggregate (asph. cone leveling course);
- (17) 7,550 tons min. aggregate (asphalt concrete, Type A surf.);
- (18) 5,000 sq. yds. asphalt joint binder
- (19) 103,000 lbs. bar reinforced steel (struc.);
- (20) 880 cu. yd. Class A Portland cement concrete (struc.);
- (21) 23 cu. yd. (slope revet.);
- (22) 154 lf. 12-in. CMP;
- (23) 674 lf. 18-in. CMP;
- (24) 264 lf. 24-in. CMP;
- (25) 18 each headwalls moved and reset;
- (26) 550 lf. existing CMP removed, cleaned and relaid;
- (27) 850 lf. existing CMP removed, cleaned and salvaged;
- (28) 3 each cast iron frames and covers;

- (29) 720 lf. timber guard rail;
- (30) 16 each culvert markers;
- (31) 10 each culvert markers moved and reset;
- (32) 2 each drive gates;
- (33) 0.5 mile new property fence (Type A);
- (34) 0.3 mile do (Type B);
- (35) 1.25 miles property fence moved and reset;
- (36) 1.20 miles property fence removed and disposed of;
- (37) 51 each monuments.

Total bids were:  
(A) N. M. Ball Sons, Albany, \$193,693.40  
(B) Union Paving Co., San Francisco, \$201,760.20  
(C) Hanrahan Co., San Francisco, \$239,412.00.

Unit bids follow:  

	(A)	(B)	(C)
(1) .....	\$20.00	\$15.00	\$ 5.00
(2) .....	1.00	2.00	1.40
(3) .....	46	50	42
(4) .....	1.20	1.50	1.25
(5) .....	90	60	1.00
(6) .....	.01	.005	.005
(7) .....	54	70	70
(8) .....	43	35	70
(9) .....	3.00	3.00	1.25
(10) .....	6.00	10.00	5.00
(11) .....	5.00	5.00	25.00
(12) .....	17.00	25.00	17.50
(13) .....	3.00	5.00	4.00
(14) .....	23.00	28.00	28.50
(15) .....	17.00	16.00	19.60
(16) .....	3.33	3.40	4.40
(17) .....	3.60	3.80	4.70
(18) .....	0.25	0.25	0.2
(19) .....	.005	.05	.06
(20) .....	20.00	21.00	23.00
(21) .....	20.00	20.00	19.00
(22) .....	1.40	1.70	1.40
(23) .....	2.00	2.10	2.20
(24) .....	2.50	3.00	3.15
(25) .....	15.00	10.00	10.00
(26) .....	.50	.80	1.00
(27) .....	.40	.60	.60
(28) .....	55.00	50.00	60.00
(29) .....	1.10	1.00	1.50
(30) .....	2.50	3.00	2.50
(31) .....	2.00	1.00	1.25
(32) .....	20.00	25.00	21.00
(33) .....	800.00	700.00	650.00
(34) .....	700.00	600.00	45.00
(35) .....	500.00	300.00	350.00
(36) .....	300.00	100.00	75.00
(37) .....	2.50	3.00	3.00

### CONTRACT AWARDED

**SAN LUIS OBISPO AND SANTA BARBARA CO., Calif.—Oilfields Trucking Co., Box 751, Bakersfield, at \$12,238, awarded contract by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying road-mix surface treatment and seal coat to 75 miles of existing roadbed in San Luis Obispo and Santa Barbara Counties, between Santa Maria and Gary, and between Route 56 and 3 miles easterly.**

### BIDS WANTED

**SAN FRANCISCO—Until June 30, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,059, for surfacing Front St., bet. Broadway and Green Sts. Estimated cost, \$3,707.**

The work will involve:  
(1) 1900 sq. ft. reset stone block pavement;  
(2) 135 tons asphaltic concrete binder;  
(3) 30,500 sq. ft. 2-in. asphaltic concrete wearing surface;  
(4) 200 lf. unarmored concrete curb;  
(5) 1 brick catchbasin, complete;  
(6) 35 lf. 10-in. VCP culvert, in place.

Specifications may be obtained from the office of City Engineer John Casey, Room 351, City Hall, non-deposit of \$10.

### BIDS WANTED

**LOS ANGELES, Cal.—Until June**

23, 10 A. M., bids will be received by Los Angeles Board of Public Works, City Hall, for grading, paving and improving Crenshaw Blvd. (west roadway) between Westmont Ave. and 700 ft. S of Westmont Ave., a cash contract.

### CONTRACT AWARDED

**RIVERSIDE CO., Calif.—Paulsen & March, 8275 Compton Ave., Los Angeles, awarded contract by the State Highway Department, San Diego, at \$4,635.50, for 28.6 miles in Riverside County, between Edmon and 3 miles south of Coachella (XI-Riv-25-EF), and between Indian Wells and Indio (XI-Riv-61-Q, Ind), liquid asphalt to be furnished and applied.**

### BIDS OPENED

**SAN FRANCISCO—U. Peira and Sons, 375 Delano Ave., San Francisco, at \$24,202 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19029, for Section A of the Ocean Avenue improvement project between San Jose Avenue and Harold Avenue. Estimated cost, \$27,270.**

The work involves:  
(1) 400 lf. armored concrete curb;  
(2) 450 lf. cast reset stone block pavement;  
(3) 100 lf. 10-in. VCP culvert, in place;  
(4) 1 each, brick catchbasin with existing frame and grating;  
(5) 2 each, brick catchbasins, complete;  
(6) 1 each, brick catchbasin reset or reconstructed;  
(7) 100 sq. ft. asphalt macadam sidewalk;  
(8) 2000 sq. ft. two-course concrete sidewalk;  
(9) 108,500 sq. ft. removing existing asphalt concrete wearing surface and replacing with 2-inch asphalt concrete wearing surface;  
(10) 55,000 sq. ft. removing existing asphalt concrete or concrete base and replacing with 6-in., 5-sack Class E concrete base;  
(11) 600 tons asphalt concrete base and leveling course;  
(12) 50 tons asphalt concrete conform pavement;  
(13) 2900 sq. ft. asphalt concrete pavement, consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asphaltic concrete wearing surface;

(14) 3 each, street signs relocated.

Total bids follow:  
(A) U. Peira & Son, San Francisco, \$24,202.00.  
(B) Eaton & Smith, San Francisco, \$24,507.50.  
(C) Fay Imp. Co., San Francisco, \$26,938.60.  
(D) G. Ralsch, San Francisco, \$27,036.00.  
(E) Pacific Pavements Co., Ltd., San Francisco, \$28,893.00.

Unit bids follow:  

	(A)	(B)	(C)	(D)	(E)
(1) .....	\$ 65	\$ 87	\$ 85	\$ 75	\$ 80
(2) .....	40	40	48	44	90
(3) .....	1.50	2.50	2.42	1.00	2.00
(4) .....	55.00	70.00	75.00	60.00	90.00
(5) .....	70.00	90.00	85.00	80.00	100.00
(6) .....	45.00	55.00	60.00	60.00	90.00
(7) .....	10	08	10	08	04
(8) .....	13	13	145	14	15
(9) .....	08	095	093	09	09
(10) .....	20	172	208	22	25
(11) .....	425	400	515	500	450
(12) .....	4.50	5.50	5.88	6.00	6.00
(13) .....	22	24	214	24	26
(14) .....	3.00	6.00	3.50	3.00	5.00

### BIDS WANTED

**HUMBOLDT CO., Nevada.—Until July 2, 2 p.m., bids will be received by the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 7.12 miles highway from a point five miles west of Winemucca to and through the City of**

**Winnemucca, Route 1, Sections A1, A3, and A4, in Humboldt County.**  
**270 cubic yds. involves:**

- (1) 15 A clearing;
- (2) 1 each, remove building;
- (3) 4,132 lf. remove fence;
- (4) 673 lf. remove culvert pipe;
- (5) 16 each, remove culvert head-walls or inlets;
- (6) 20 each, remove trees;
- (7) 19 c.y. remove concrete;
- (8) 55,522 c.y. roadway excav.;
- (9) 10,680 c.y. borrow;
- (10) 440 c.y. drainage excav.;
- (11) 14,093 sta. yds. overhaul;
- (12) 40,861 yd. m. overhaul;
- (13) 5 sta. V type ditches;
- (14) 635 c.y. struc. excav.;
- (15) 405 c.y. backfill;

- (16) 63,755 sq. yd. remove and stock-pile roadbed bituminous surf.;
- (17) 4,570 c.y. salvaged aggregate;
- (18) 5.53 mi. subgrade, type B;
- (19) 52,819 sq. yd. subgrade, type B;
- (20) 44,734 tons gravel base, type 1;
- (21) 500 tons gravel base, type 2, 1 1/2 inch;
- (22) 1,506 tons gravel surface;
- (23) 24,061 tons plantmix gravel base;
- (24) 13,790 tons plantmix bituminous surface;
- (25) 2,188 M. gal. water;

- (26) 354 tons liq. asph., type SC-2;
- (27) 607 tons liq. asph., type 90-95;
- (28) 114 tons emulsified asphalt penetration;
- (29) 809 tons screenings;
- (30) 584 c.y. class A concrete;
- (31) 31 c.y. class B concrete;
- (32) 8,067 lbs. reinf. steel;
- (33) 74 lf. 15-in. CMP (dipped);
- (34) 1,100 lf. 18-in. CMP (dipped);
- (35) 432 lf. 18-in. part circle culvert;
- (36) 80 lf. relay culvert pipe;
- (37) 3,869 lf. reconstruct fence;
- (38) 6,550 lbs. castings;
- (39) 86 each, monuments;
- (40) 34 each, culvert markers;
- (41) 24 each, guide posts;
- (42) 8 each, adjust manholes;
- (43) 65 hrs., motor grader;
- (44) 55 hrs., 75-hp. crawler type tractor;

- (45) 55 hrs., 10-ft. blade grader;
- (46) 20 hrs., 75-hp. crawler type tractor with carryall;
- (47) 40 hrs., 1 1/2-ton truck;
- (48) 55 hrs., pilot car;
- (49) Force Acct., special detours;
- (50) 100 c.y. rock cleanup;
- (51) Force Acct., roadside cleanup;
- (52) 246 sta., slope rounding;
- (53) 98 each, outlets;
- (54) 6,590 lf. 2-in. water pipe;
- (55) lump sum, move gasoline pumps (three);
- (56) 1 each, move building.

Plans and specifications may be obtained from the above office upon deposit of \$10, of which \$5 is returnable; and are on file at the office of the Bureau of Public Roads, Federal Office Bldg., San Francisco.

**BIDS WANTED**

**LOS ANGELES**—Until June 23, 1 p.m., bids will be received by the Los Angeles Board of Public Works, for grading, paving and otherwise improving Figueroa St. at Main St. (SW corner), a Cash Contract.

**BIDS OPENED**

**RIVERSIDE CO., Cal.**—Paulsen & March, 8275 Compton Ave., Los Angeles, submitted low bid to the State Highway Department, San Diego, at \$4,835.90, for 28.6 miles in Riverside County, between Edom and 3 miles south of Coachella (XI-Riv-26-E), and between Indian Wells and Indio (XI-Riv-64-Q, Ind), liquid asphalt to be furnished and applied.

The work involves:

- (1) 250 tons liquid asphalt, SC-1A, in place;
- (2) 310 tons do, SC-2, in place.

The complete bids were:

- Paulsen & March: (1) \$8.56; (2) \$8.05; total, \$4625.50.
- Square Oil Co.: (1) \$8.88; (2) \$7.88;

total, \$4662.80.  
 Lamb Transfer Co.: (1) \$8.77; (2) \$8.10; total, \$4703.50.  
 Morgan Bros.: (1) \$9.35; (2) \$8.05; total, \$4833.  
 Consumers Oil Co.: (1) \$9.06; (2) \$8.29; total, \$4834.90.  
 Rego Oil Co.: (1) \$9.70; (2) \$9.00; total, \$5215.

**COMPLETE BIDS**

**COCHISE CO., Arizona.**—Packard Constructing Co., 914 W. Coronado St., Phoenix, at \$137,617, submitted the low bid to T. S. O'Connell, State Highway Engineer, Phoenix, for improvement of Benson-Douglas Highway (FA 79-C, 1st reop.) (1937), AFE 8001. Work begins at Tombstone and extends 5 1/2 miles southeast and involves grading, draining, aggregate base course and asphalt surface treatment; to be completed before Jan. 31, 1938.

Total bids follow:  
 Packard Const. Co., Phoenix \$137,617.00  
 Geo. W. Orr, El Paso 144,983.55  
 Lee Moor Constr. Co., El Paso 147,525.39  
 J. A. Casson, Phoenix 157,626.23  
 Tanner Const. Co., Phoenix 157,894.37  
 Pleasant-Hasler Const. Co., Phoenix 165,332.81  
 Pearson & Dickerson, Tempe 176,207.99  
 Phoenix-Tempe Stone Co., Phoenix 185,006.43  
 Heuser & Garnett, Glendale 191,796.33  
 J. J. Hagen, Globe 199,597.22

**BIDS WANTED**

**SKAMANIA CO., Wash.**—Until June 30, 10 A. M., bids will be received by Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 0.9627 mile improving the St. Helens Highway Grading Project 15-A7, National Forest Road Project, Columbia National Forest in Skamania Co.

The work involves:

- (1) all required extra and miscellaneous account work;
- (2) 8 acres clearing;
- (3) 9 acres grubbing;
- (4) 62,700 c.y. unclass. excav.;
- (5) 35,000 sta. yds. special overhaul;
- (6) 200 sq ft. dangerous trees and snags;
- (7) 390 lf. culverts (alternate).

Plans and specifications obtainable from the above office upon deposit of \$10.00.

**BIDS WANTED**

**MOHAVE COUNTY, Ariz.**—Until July 29, 10:30 A. M., bids will be received by the State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for grading, draining and placing aggregate base course and asphalt surface treatment on about 9.6 miles of the Kingman-Boulder Dam Highway, F A 128-B.

The work is to begin about five miles northwest of Kingman, and involves:

- (1) 105,300 c.y. excavation;
- (2) 27,600 c.y. drainage excav.;
- (3) 5209 c.y. struc. excav.;
- (4) 60,900 sta. yds. overhaul;
- (5) 56,700 c.y. imported borrow;
- (6) 33,000 c.y. m. imported borrow
- (7) 33,000
- (8) 26,000 tons agg. base course;
- (9) 350 M. gals. sprinkling;
- (10) 1700 hours rolling;
- (11) 2734 c.y. concrete;
- (12) 255,500 lbs. reinf. steel;
- (13) 4,930 lf. CMP (six sizes);
- (14) 102,500 lf. line fence;
- (15) 1474 ft. road guard;
- (16) 800 ft. rail bank protection;
- (17) 456 guide posts;
- (18) 160 MBM treated timber;
- (19) 1500 lf. treated timber piles;
- (20) 152 each placing piles in framed bents;
- (21) 1080 sq. yds. furnish and place

oh mat;  
 (21) 128,500 gals. road oil SC-2;  
 (22) 1700 tons blotter material (pit run) 1700.  
 Alt. item: 170 MBM redwood timber. Specifications obtainable from the above office.

**BIDS WANTED**

**DOUGLAS COUNTY, Ore.**—Until June 30, 10 A. M., bids will be received by Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for improving 3.829 miles of roadway in the Cascade Lakes Highway Grading Project 46-A2, B, National Forest Road Project, Umpqua National Forest, in Douglas County.

The work involves:

- (1) lump sum, extra and miscellaneous force account work;
- (2) 24 acres clearing;
- (3) 20 acres grubbing;
- (4) 2,000 c.y. stripping and storing top soil;
- (5) 37,100 c.y. unclass. excav.;
- (6) 100,000 sta. yds. special overhaul;
- (7) 10 acres roadside cleanup;
- (8) 3.829 m. finishing earth graded roads;
- (9) 200 sq ft. dangerous trees and snags;
- (10) 1400 c.y. surfacing, salvaged and replaced;
- (11) 1220 lf. culverts (alternate);
- (12) 2000 c.y. replacing top soil.

Plans and specifications obtainable from the above office upon deposit of \$10.00.

**CONTRACTS AWARDED**

**STATE OF WASHINGTON**—Following bids were opened and contracts awarded by L. V. Murrow, Director of Highways, Olympia, for highway and bridge construction:

**Snohomish County:** Grading, surfacing, draining and constructing a steel and concrete undercrossing on about 0.2 mile of Primary State Highway No. 15, Index East—Section A, Great Northern Railway Undercrossing, involving about 2 acres of clearing, 13,930 cubic yards of excavation, 1,020 cubic yards of selected roadway borrow, 590 cubic yards of crushed stone surfacing, 72 cubic yards of concrete, 41,110 pounds of steel reinforcing bars, 304,000 pounds of structural steel, 9000 pounds of cast steel, 1,495 linear feet of precast concrete piling, 9,000 linear feet of timber piling, untreated, 120 MFEM of timber and lumber, untreated, 598 linear feet of pipe culverts and other items.

Awarded: L. Cotucio, 2226 Third Ave., Seattle, at \$71,724.

**Snohomish County:** Constructing a concrete, steel and timber overcrossing on about 0.1 mile of city street Norton Avenue Overcrossing in City of Everett, in Snohomish County, involving about 660 cubic yards of excavation, 690 cubic yards of concrete, 117,000 pounds of steel reinforcing bars, 14,000 pounds of structural steel, 2000 pounds of cast steel, 104 MFEM of creosote treated timber and lumber, 4,800 linear feet of treated timber piling, 2,000 linear feet of untreated timber piling, 54 linear feet of pipe culverts and other items.

Awarded: Toney Romano, 1833 Dearborn St., Seattle, at \$59,849.

**King County:** Manufacturing and stockpiling mineral aggregates (oil rock) for bituminous surface on about 8.4 miles of Primary State Highway No. 5, Enumclaw East, in King County, involving about 7,640 cubic yards of mineral aggregates (oil rock).

Awarded: Joslin & McAllister, E. 3038 Trent St., Spokane, at \$11,476.  
**Grant and Douglas Counties:** Constructing a bituminous retread surface on about 71.1 miles of Primary State Highways Nos. 7 and 10, Sec-

tion 1, Vantage to Ephrata and Section 2, Venatche to Quincy, in Grant and Douglas Counties, involving about 2,035 tons of bituminous cement and other items.

Awarded: Babler Bros., 2407 NW 28th St., Portland, at \$72,407.

Gray's Harbor County: Constructing a light bituminous surface treatment on about 42.3 miles of Primary State Highways Nos. 9 and 13, Sections 1 and 2, Hoquiam to Cook Creek, and Section 3, Cosmopolis to Gray's Harbor-Pacific County Line, in Gray's Harbor County, involving about 1,010 tons of bituminous cement and other items.

Awarded: J. F. Forbes, Olympia, at \$43,663.

Okanogan County: Manufacturing and stockpiling crushed stone for surfacing of about 31.3 miles of Primary State Highway No. 16, Methow to Winthrop, in Okanogan County, involving about 16,460 cubic yards of crushed stone surfacing.

Awarded: M. E. Neilson, Tonasket, \$16,717.

#### BIDS WANTED

SAN DIEGO CO., Calif.—Until June 22, 2 p. m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for removing a slide on Section C of Rte. 73, Laguna National Forest Highway, Cleveland National Forest in San Diego County.

The work involves: 1500 c. y. incl. excavation.

Plans and specifications obtainable from the above office, and from the resident engineer.

#### COMPLETE BIDS

COCONINO CO., Arizona—Arizona Sand & Rock, P. O. Box 1522, Phoenix, at \$28,821.68, submitted the low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for 1264 cu. y. bituminous treatment of Sections A and B of Route 28, the Fredonia-House Rock Valley National Forest Highway, Kaibab National Forest, Coconino County, Arizona.

The work involves:

- (1) 100 c. y. unclass. excav.;
- (2) 2000 c. y. unclass. excav. for borrow;
- (3) 180,000 sta. yds. overhaul;
- (4) 13,245 cu. yd. road reconditioning;
- (5) 900 M. gal. watering;
- (6) Lump sum, providing and maintaining water plant or plants for project;
- (7) 365 tons, applying gov't furnished outback asphalt (Type MC-2), for prime coat;
- (8) 250 tons, applying Gov't furnished outback asphalt (Type RC-4), for Class A pavement;
- (9) 2500 c. y. cover (Class A pavement), split method.

Total bids follow:

A. Arizona Sand & Rock Co., Phoenix	\$28,821.68
B. Skovron Bros., Albuquerque, N. M.	40,089.40
C. Tiffany Construction Co., San Jose	41,469.40
(1)	(A) (B) (C)
(2)	\$ 0.65 \$ 2.00 \$ 0.80
(3)	0.38 0.75 0.70
(4)	0.03 0.003 0.015
(5)	410.00 300.00 300.00
(6)	2.10 4.00 2.25
(7)	16.00 13.00 18.00
(8)	19.50 17.00 20.00
(9)	4.00 8.10 8.40

#### COMPLETE BIDS

KERN CO., Calif.—Basich Brothers, 20,530 S. Normandie Ave., Torrance, submitted low bid to State Highway Department, Bishop, June 9, at \$4,651.50, for grading and treating with liquid asphalt (road-mix meth-

od) 0.5 mile highway in Kern County, near Inyokern (IX-Ker-145-C).

The total bids were:

Basich Bros., Torrance	\$4,651.50
Oswald Bros., L. A.	4,710.00
A. S. Vinnell, L. A.	4,911.60
Rexroth & Rexroth, Bakersfield	5,592.00
Young & Son, S. F.	5,998.00

### 30—RESERVOIRS & DAMS

#### BIDS TO BE CALLED SHORTLY

CONCHAS DAM, N. M.—Call for bids will be issued about July 1 by U. S. Engineer, Conchas Dam, N. M., for construction of south dike of Conchas Dam across South Canadian River, 26 miles north of Newkirk, N. M., and 30 miles northwest of Tucumcari, N. M. Structure will be rolled earth and rock fill, 6400 feet long, maximum height 98 feet and will involve: 450,000 c. y. excavation; 1,030,000 c. y. impervious earth fill; 975,000 c. y. impervious earth fill; 575,000 c. y. rock fill; 5000 c. y. gravel surface; 3000 c. y. concrete curbs; walls; grouting, and appurtenant work. Contractors who are interested in bidding on this work are invited to inspect the site and conditions now.

#### BIDS WANTED

SEATTLE, Wash.—Until July 1, 10 A. M., bids will be received by the City Light Department, 216 City Light Bldg., Third and Madison Sts., Seattle, for furnishing 275,000 barrels of bulk cement, 1000 sacks cement for Ruby Dam project.

Specifications from above office. Bids will be opened by the Board of Public Works, 511 County-City Bldg., W. B. Wolfendale, resident engineer.

#### CONTRACT AWARDED

MOON LAKE PROJECT, Utah—Moon Const. Co., St. Joseph, Mo., at \$4,662, awarded contract by Bureau of Reclamation, Duchesne, Utah, E. J. Westerhouse, Construction Engineer, under Spec. No. 924-D, for clearing the Moon Lake Reservoir Site, Moon Lake Project, involving about 420 acres of clearing.

### 31—PIPE LINES & WELLS

#### BIDS OPENED

SAN MATEO CO., Calif.—Robert Garcia, 2045 University Ave., Palo Alto, at \$4,129, submitted the only bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. 45, for drilling and casing a number of observation wells in the downstream embankments of San Andres and Pilarcitos Dams, in San Mateo County. The total footage to be drilled will approximate 750 lf. and the total number of wells will be not more than 16. Not more than 4 of these wells are to be at the Pilarcitos Dam and the remainder are to be at the San Andres Dam.

All wells are to be lined with perforated steel casing 10 in. in diam., but provision is made to permit a smaller size well in any given location should the contractor be unable to continue the 10-inch bore for the entire depth.

The work involves:

- (1) Test, setting up and drilling wells to a depth of 15 feet;
- (2) 510 lf. drilling wells for each additional foot below a depth of 15 feet.

Total bid follows:

Robert Garcia, Palo Alto—(1) \$130;  
(2) \$4.00 per lin. ft. • 31

#### PWA APPROVAL

WHISKAKA, Humboldt Co., Calif.—PWA officials have approved the contract of United Concrete Pipe Co. of Los Angeles for the construction of the Mad River Project pipe line. The United Concrete Pipe Com-

pany's bid was \$774,698.80.

The Eureka City Council meets Thursday, June 17, to take action with regard to awarding the contract.

#### BIDS WANTED

RICHGROVE, Tulare Co., Calif.—Until July 1, 8 P. M., bids will be received by the Richgrove School District, J. H. Surum, Clerk, Tulare County, for drilling a well on the school grounds and installing necessary casing and complete pressure system. Well to be 400 feet deep, 8-inches in size. Casing to be 8-in. in diameter and constructed of 14 gauge double hard, red steel and 100 feet factory perforated casing 1/2x1-inch channel cut.

Pressure system to be 300-gallons per hour capacity with 320 feet setting and fully automatic.

Specifications obtainable from the above office.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BONDS APPROVED

PETALUMA, Sonoma Co., Calif.—Petaluma voters have approved the issue of \$233,000 in bonds to finance the construction of a sewage system, at \$225,000, a fire house at \$40,000, and the purchase of equipment for the fire department at \$18,000.

Application will be filed with the PWA for a 45% grant of the total cost.

Harry N. Jenks, 2701 Benvenue Ave., Berkeley, consulting engineer.

#### BIDS WANTED

SACRAMENTO, Calif.—Until July 16, 2 P. M. (as previously reported) bids will be received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Sacramento, for the construction and completion of the sewage disposal plant at the Sacramento Air Depot. The structure is to be of reinforced concrete with built-up roof.

Estimated cost is \$26,000. Plans and specifications obtainable from the office upon deposit of \$10.

#### BIDS WANTED

SAN YSIDRO, Texas.—Until June 21, 10 a. m. (M.S.T.), bids will be received by International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, for the construction of sewers and outfall for the Lower Tijuana Sanitation Project. Ben F. Dupuy had been appointed resident engineer and will be stationed at San Ysidro, Calif. Prospective bidders may register at the San Diego Hotel, San Diego. The proposed project involves construction of sanitary sewer and appurtenances in the Tijuana River Valley approximately paralleling the international boundary. The work consists of clearing the right of way and constructing approximately 6.5 miles of sanitary sewers, one reinforced concrete surge tank, and ocean outfall. The approximate quantities are:

- (1) 4430 ft. 8-in. vitrified clay pipe sewer;
- (2) 7510 ft. 12-in. vitrified clay pipe sewer;
- (3) 2970 ft. 21-in. vitrified clay pipe sewer;
- (4) 19,110 ft. 24-in. ctd strength vitrified clay pipe sewer;
- (5) 350 ft. 24-in. extra strength vitrified clay pipe sewer;
- (6) 80 reinforced concrete manholes, not more than 5 ft. deep;
- (7) 320 lf. reinforced concrete manholes (additional ft. of manhole over 5-ft. depth);
- (8) 100 manhole drop connection;
- (9) 50 c. y. concrete in pipe encasement;
- (10) 5000 lbs. reinforced steel in con-

crete pipe encasement around sewer pipe;

- (11) 50,000 gal. ft. creosoted Wakefield sheet piling;
- (12) 2000 bd. ft. creosoted timber benching for pipe supports;
- (13) 100 c.y. excav. and refill below established grade line;
- (14) reinforced concrete surge tank complete, lump sum;
- (15) ocean outfall (16-in. O.D. pipe wrought iron), complete, lump sum.

Plans and specifications obtainable from the above office.

#### BIDS WANTED

SACRAMENTO, Calif.—Until July 16, 2 P. M., bids will be received by Major Arthur W. Parker, Construction Quartermaster, Sacramento Air Depot, Sacramento, for construction and completion of the sewage disposal plant at the Sacramento Army Air Depot.

Plans and specifications obtainable from the above office upon deposit of \$1000.

#### BIDS WANTED

LOS ANGELES, Cal.—Until June 30, 12:15 P. M., bids will be received by the Board of Directors of County Sanitation District No. 2, 4th floor, Times-Mirror Bldg., 110 S. Broadway, Los Angeles, for changes and additions to the District's Point Disposal Plant located at Lomita Blvd. and Figueroa St. north of Wilmington. Plans and specifications prepared by A. K. Warren, chief engineer and general manager.

The work involves:

- (1) 148 ft. reinf. concrete conduit, 8-ft. ID.
- (2) Air relief outlet at Sta. 372 plus 67.
- (3) Reinf. concrete surge and transition chamber at Sta. 373 plus 69.
- (4) 332 ft. reinf. concrete flume approx. 6 ft. in width and of depths shown on the drawings;
- (5) Bottom slab to form a channel approx. 20 ft. in length between the westerly ends of the aeration tank and the easterly sides of present clarifier tanks;
- (6) All necessary excavation and backfill incidental to above.

Plans and specifications obtainable from the above office upon deposit of \$500. (14)

#### BIDS WANTED

HEADSBERG, Sonoma Co., Cal.—Until July 19, 5 p.m., bids will be received by the Headsberg City Council, D. A. Bane, Clerk, City of Headsberg, for construction of a sewage pumping and disposal plant and appurtenant works.

Plans were prepared by Harry N. Jenks, 2704 Benvenne, Berkeley, engineer.

A proposal to issue \$35,000 in bonds to finance the construction carried at a special election April 20.

Plans and specifications obtainable from above office upon deposit of \$5, of which \$3 is refundable.

### 33— WATER WORKS

#### CONTRACT AWARDED

HIGHLAND PARK, Kern Co., Cal.—Wintroath Pumps, Inc., 1100 South Meridian, Alhambra, awarded contract by the Highland Park Public Utility District, at \$3214.23, for one deep well turbine pump, installed. The other bids were: Peerless-Bean Pump Co., \$3282.30; Layne & Bowler Corp., \$3326.75; Pomona Pump Co., \$3747.50.

#### PERMITS ISSUED

SACRAMENTO, Cal.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of May, 1927:

4934, Application 8897 (Sacramento County) issued to E. C. Zacharias, Clarksburg, May 6 for 5 cfs from the Sacramento river, for irrigation of 412 acres. Est. cost, \$5000.

4935, App. 8905 (Trinity Co.) issued to U. S. Shasta National Forest, Mt. Shasta, May 8, for 0.003 cfs from an unnamed spring, for domestic and stockwatering purposes. Est. cost, \$10.00.

4936, App. 8877 (Siskiyou Co.) issued to John L. Gibson, Orleans, May 10, for 3 cfs from Duncan Creek, for mining and domestic purposes. Est. cost, \$2,000.

4937, App. 8831 (Trinity Co.) issued to C. C. Brown, Redding, May 11, for 15 cfs for mining purposes, from Deadwood Creek. Est. cost, \$1,000.

4938, App. 8904 (Trinity Co.) issued to George M. Prindle, Salyer, May 11, for 5750 gals. per day from White House Gulch, for domestic purposes. Est. cost, \$88.

4939, App. 8912 (Humboldt County) issued to Edward and Adna Hazelton, Los Angeles, May 11, for 29,000 gals. per day from Mill Creek for irrigation and domestic purposes on one acre. Est. cost, \$150.

4940, App. 8915 (Santa Barbara Co.) issued to Mary Hoefling, Santa Barbara, May 12, for 2880 gals. per day from an unnamed spring, for stock watering and domestic purposes. Est. cost, \$500.

4941, App. 8859 (San Luis Obispo Co.) issued to E. N. Wegis, Scheldeck, May 12, for 800 gals. per day from an unnamed spring for stock and domestic purposes. Est. cost, \$200.

4942, App. 8975 (Kern Co.) issued to G. Johnson and S. A. McAttee of Azusa, May 14, for 5000 gals. per day from an unnamed spring and two wells for industrial purposes. Est. cost, \$6000.

4943, App. 8864 (Siskiyou Co.) issued to F. J. Brennan, Seiad Valley, May 19, for 0.125 cfs from Williams Gulch, for mining and domestic purposes. Est. cost, \$500.

4944, App. 8929 (El Dorado Co.) issued to U. S. El Dorado National Forest, Placerville, May 19, for 5,000 gals. per day from Cox Creek, for fire fighting and stock watering purposes. Est. cost, \$180.

4945, App. 8165 (Nevada Co.) issued to Sierra Club, c/o H. H. Breed, Oakland, May 19, for 5,000 gals. per day from a spring, for domestic purposes.

4946, App. 8872 (Sierra Co.) issued to Disney Smith, Los Angeles, May 22, for 3 cu. ft. per second from an unnamed stream, for mining and domestic purposes. Est. cost, \$100.

June 11, 1927.

#### APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during May, 1927:

8957 (Riverside Co.)—Palm Springs Water Co., Palm Springs, Calif., for 640 acre-feet per annum from Falls Creek tributary to Snow Creek, to be diverted for domestic purposes. Estimated cost, \$19,500.

8958 (Trinity Co.)—Chauncey L. Ammon, Salyer, Calif., for 2500 gals. per day from Garden Creek, tributary to First Creek and South Fork Trinity River, to be diverted for domestic purposes. Estimated cost, \$200.

8959 (Siskiyou Co.)—S. W. Patterson, Yreka, Calif., for 2 cfs. from Douglas Creek and two unnamed springs tributary to Klamath River, to be diverted for mining and domestic purposes. Estimated cost, \$500.

8960 (Placer Co.)—Merrill H. Berry, 375 McClelland St., Oakland, Calif., for 3 cfs. from Sallie River, tributary to North Fork American River,

to be diverted for power and domestic purposes; 341 hp. to be developed. Estimated cost, \$15.

8961 (Inyo Co.)—Roy Journaing, Whittier, Calif., for 0.018 cfs. from four springs, to be diverted for mining and domestic purposes. Estimated cost, \$300.

8962 (Inyo Co.)—James S. Stevenson, Pasadena, Calif., for 0.05 cfs. from Revenue Canyon, to be diverted for mining purposes. Estimated cost, \$2500.

8963 (Los Angeles Co.)—Twin Oaks Ranch (Dr. W. E. Carr, Trustee), Saugus, Calif., for 1 cfs. from a spring and unnamed stream, tributary to Bouquet Canyon, to be diverted for irrigation and domestic purposes on 69 acres. Estimated cost, \$1500.

8964 (Plumas Co.)—Geo. H. and Iva H. Winter, Blairsdon, Calif., for 5000 gals. per day from an unnamed stream, tributary to Middle Fork Feather River, to be diverted for domestic purposes.

8965 (Nevada Co.)—Ridge Mines, Inc., North San Juan, Calif., for 10,000 acre-feet per annum from Middle Yuba River, to be diverted for mining and domestic purposes.

8966 (Nevada Co.)—Ridge Mines, Inc., North San Juan, Calif., for 50 cfs. from Middle Yuba River, to be diverted for mining and domestic purposes.

8967 (Nevada Co.)—Ridge Mines, Inc., North San Juan, Calif., for 50 cfs. from unnamed stream tributary to South Yuba River, to be diverted for mining and domestic purposes.

8968 (Placer Co.)—A. W. Lackey, Alta, Calif., for 2½ cfs. from Rocky Springs, tributary to Blue Canyon Creek, thence American River, to be diverted for mining and domestic purposes. Estimated cost, \$5000.

8969 (San Benito Co.)—U. S. Pinnacles National Monument, c/o W. E. Hawkins, acting custodian, Pinnacles, Calif., for 0.5 cfs. and 0.4 acre-feet per annum from underground flow of Chalons Creek, tributary to Salinas River, to be diverted for recreational, domestic and fire protection purposes. Estimated cost, \$35,000.

8970 (Yuba Co.)—California Trust & Savings Bank in Liquidation, Sacramento, Calif., for 7 cfs. from Knights Landing Ridge cut, tributary to Sacramento River, to be diverted for irrigation purposes on 277 acres. Estimated cost, \$1500.

8971 (Shasta Co.)—G. H. Ottney, Marvsville, Calif., for 200 gals. per day from a spring tributary to South Fork of Bailey Creek, to be diverted for domestic purposes. Estimated cost, \$100.

8972 (Trinity Co.)—Wm. Vossdeck, Minersville, Calif., for 3 cfs. from Stropes Creek, tributary to East Fork Stuarts Fork, to be diverted for mining and domestic purposes.

8973 (Sierra Co.)—Ridge Mines, Inc., North San Juan, Calif., for 25 cfs. and 20,000 acre-feet per annum from South Fork of North Yuba River, to be diverted for mining and domestic purposes.

8974 (Sonoma Co.)—Fred Young, Greendale, Calif., for 0.5 cfs. from Russian River, tributary to Pacific Ocean, to be diverted for irrigation purposes on 35 acres. Estimated cost, \$350.

8975 (Riverside Co.)—Tomesal Water Co., Corona, Calif., for 15,000 acre-feet per annum from water in San Jacinto River as made available by drainage water from San Jacinto Tunnel of Metropolitan Water District, to be diverted for irrigation and domestic purposes on 5,000 acres.

8976 (San Bernardino Co.)—Samuel Brush and Leo Thayer, San Bernardino, Calif., for 0.05 cfs. from an unnamed stream, tributary to Cajon Creek, to be diverted for Irriga-

tion and domestic purposes on 2 3/4 acres. Estimated cost, \$1000.

8977 (Stanislaus Co.)—P. C. Alexander, Box 64, La Grange, Calif., for 3 c.f.s. from Tuolumne River, tributary to San Joaquin River, to be diverted for mining and domestic purposes. Estimated cost, \$1000.

8978 (Siskiyou Co.)—W. E. Hittson, Jacksonville, Ore., for 3 c.f.s. from Whiskey Creek tributary to Middle Fork Applegate river, to be diverted for mining purposes.

8979 (Los Angeles Co.)—Division of Highways, Sacramento, Calif., for 901 c.f.s. from Barrel Spring tributary to Piru Creek, to be diverted for recreational purposes. Estimated cost, \$350.

8980 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Calif., for 300,000 acre-foot per annum from Cosumnes River tributary to Mokelumne River, to be diverted for power purposes; 13,840 hp. to be developed.

8981 (Amador Co.)—Sierra Mountain Water Co., Sacramento, Calif., for 300,000 acre-foot per annum from Cosumnes River tributary to Mokelumne River, to be diverted for municipal purposes in the City of Stockton.

8982 (El Dorado Co.)—P. V. Burke, Sacramento, Calif., for 1 c.f.s. from Middle Creek tributary to Silver Fork American River, to be diverted for power and domestic purposes; 4 hp. to be developed. Estimated cost, \$110.

8983 (Trinity Co.)—Kae W. Mason, Carrville, Calif., for 1 c.f.s. from Little Boulder Creek tributary to Coffee Creek thence Trinity River, to be diverted for irrigation and domestic purposes on 1 acre. Edward Hyatt, State Engineer.

#### CONTRACT AWARDED

HIGHLAND PARK, Kern Co., Cal. Frazier-Wright Co., Bakersfield, at \$369,45, awarded contract by Highland Park Public Utility District (Kern County), for one natural gas engine (Waukesha), to operate a deep well turbine pump.

#### BIDS REJECTED

MONTEREY PARK. — Monterey Park City Council this week authorized City Clerk to return, unopened, all bids received May 24 for booster pumping plant intake and discharge lines and pressure storage tank for water system. Koebig & Koebig, engineers, 820 Rowan Bldg., Los Angeles, were authorized to prepare plans for a reservoir and pumps to replace the abandoned project and to apply to WPA for an allocation. Estimated cost, \$39,000.

### 34— PARKS AND PLAY GROUNDS

#### BIDS WANTED

MADERA, Calif.—Until June 25, 10 a.m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Madera.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Madera.

#### BIDS WANTED

SAN DIEGO, Cal.—Until June 25, 10 A. M., bids will be received by Procurement Division, Public Bldgs. Branch, Washington, D. C. for seeding at the U. S. Coast Guard Air Station at San Diego. Specifications may be obtained from the above office and from the Custodian of the Building.

#### CONTRACT AWARDED

VAN NUYS, Los Angeles Co., Cal.

—Peterson Bros., 239 Olive St., Inglewood, at \$1,260, awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Van Nuys.

#### BIDS WANTED

HOLLISTER, San Benito Co., Cal.—Until June 25, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Hollister.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Hollister.

#### BIDS OPENED

LODI, San Joaquin Co., Cal.—California Nursery Co., Niles, at \$1,564.51 submitted low bid to the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. post office at Lodi.

Complete bids follow:  
California Nursery Co., Niles, \$1,564.51 (Alt. a) deduct \$506.16.

Rageth Landscape Nursery, Lodi, \$2,491.58; (Alt. a) deduct \$542.50.

#### CONTRACT AWARDED

VENTURA, Calif.—Glen City Nursery, 721 Main St., Santa Paula, at \$1,072, awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Ventura.

#### CONTRACT AWARDED

ROSEVILLE, Placer Co., Calif.—California Nursery Co., Niles, at \$1,072, awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Roseville.

#### BIDS OPENED

SAN FRANCISCO. — W. A. Hoff Landscape Organization, 580 Market St., at \$292, submitted low bid to the Department of Public Works, City Hall, for planting at Francis Scott Key School, Kirkham St. and 43rd Ave. Only other bid was submitted by Pacific Nurseries at \$476.

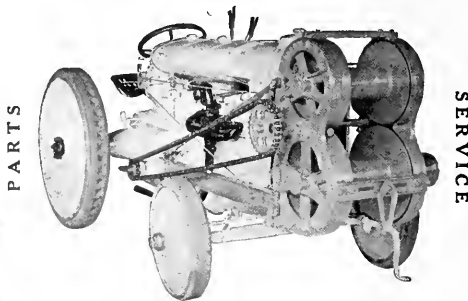


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ALAMEDA COUNTY—ALTMONT PASS—(State)

ALAMEDA CO., Calif.—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$848,193.40, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 8.4 miles of grading and surfacing with crusher-run base in Alameda County, between Greenville and Mountain House.

- Work involves:
- (1) 10,500 M. gal. water;
  - (2) 1,875,000 c.y. roadway excav., unclass.;
  - (3) 3,000 c.y. ditch excav.;
  - (4) 29,950,000 sta. yds. overhaul;
  - (5) 9,375 c.y. struc. excav.;
  - (6) 7 c.y. conc. removed and disposed of;
  - (7) 401 sta. finishing roadway;
  - (8) 60,600 tons crusher run base;
  - (9) 375 tons liquid asphalt, SC-1A (prime coat);

- (10) 55 tons liq. asphalt, SC-2 (penetration oil treatment);
- (11) 1,400 tons liq. asphalt, ROMC-3 or ROMC-4 (road-mix surf.);
- (12) 27,800 tons min. aggregate (road-mix surf.);
- (13) 151,500 lbs. bar reinf. steel;
- (14) 340 lbs. copper strips;
- (15) 1,430 c.y. Class A portland cement concrete (struc.);
- (16) 3,450 lf. furnishing treated Douglas fir piles, including test piles;
- (17) 98 each, driving piles, including test piles;
- (18) 5,200 lf. 8-in. CMP;
- (19) 380 lf. 12-in. CMP;
- (20) 3,620 lf. 18-in. CMP;
- (21) 640 lf. 24-in. CMP;
- (22) 2,200 lf. 24-in. CMP, double rivetted;
- (23) 450 lf 36-in. CMP, 8-gauge, double rivetted;

- (24) 400 lf. 48-in. CMP, 10-gauge;
- (25) 340 lf. 48-in. CMP, 8-gauge, double rivetted;
- (26) 32 lf. 60-in. CMP, 10-gauge;
- (27) 320 lf. 60-in. CMP, 8-gauge;
- (28) 4,600 lf. 6-in. perf. metal pipe underdrains;
- (29) 600 cu. yds. rock filling matl.;
- (30) 51 lf. exist. CMP, remove, clean and salvage;
- (31) 97 each, spillway assemblies;
- (32) 17 each, 8-in. CMP "Y" connections;
- (33) 360 lf. Class A portland cement concrete (curb);
- (34) 73,000 lf. timber curb;
- (35) 68 lf. timber railing;
- (36) 140 each, culvert markers;
- (37) 230 each, guide posts;
- (38) 17 miles new property fence;
- (39) 34 each, 16-ft. drive gates;
- (40) 134 each, monuments complete, in place.

Total bids follow:

(A) Granfield & Farrar & Carlin	.....	\$848,193.40
(B) Fredrickson & Watson and Fredrickson Bros. and Healey-Moore Co., Oakland	.....	850,299.05
(C) A. Teichert & Son, Inc., Sacramento	.....	872,356.25
(D) Metropolitan Construction Co., Los Angeles	.....	882,093.20
(E) Macco Construction Co., Clearwater	.....	882,312.25
(F) Guy F. Atkinson Co., San Francisco	.....	927,800.75
(G) Lewis Construction Co., Los Angeles, and Bodenhamer Constr. Co., Oakland	.....	931,579.89
(H) D. McDonald, Sacramento	.....	932,054.00
(I) Chas. L. Harney and Piombo Bros. & Co., San Francisco	.....	960,124.50
(J) George Pollock Co., Sacramento	.....	984,537.50
(K) George K. Thompson Co., Los Angeles	.....	993,969.70
(L) Geo. W. Condon Co. and Morrison-Knudsen Co., Inc., Los Angeles	.....	1,107,322.00
(M) Utah Construction Co., San Francisco	.....	1,137,433.30
(N) D. W. Thurston, Los Angeles	.....	1,139,224.95

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1).....	\$ 1.25	\$ 2.00	\$ 1.10	\$ 1.00	\$ 0.80	\$ 1.00	\$ 1.50	\$ 2.00	\$ 1.00	\$ 2.00	\$ 1.65	\$ 1.50	\$ 1.00	\$ 1.50
(2).....	.24	.22	.26	.26	.25	.276	.285	.233	.28	.26	.28	.32	.33	.36
(3).....	.80	.50	.70	1.00	.75	.75	.35	1.50	1.00	.60	1.10	.32	.70	1.00
(4).....	.003	.003	.002	.0025	.004	.003	.001	.006	.003	.006	.004	.008	.005	.002
(5).....	1.20	1.25	1.25	1.00	1.25	1.00	1.35	1.50	1.40	1.00	1.50	.70	.90	1.25
(6).....	7.00	5.00	10.00	5.00	5.00	4.00	10.00	3.00	10.00	10.00	3.50	10.00	3.00	10.00
(7).....	8.00	10.00	7.50	15.00	5.00	12.00	14.00	8.00	10.00	20.00	10.00	10.00	10.00	20.00
(8).....	1.55	1.55	1.55	1.80	1.80	1.60	1.85	1.80	1.80	1.60	1.70	1.50	2.00	2.15
(9).....	12.00	13.36	11.00	12.00	12.00	12.75	14.00	14.00	13.50	12.00	14.40	11.00	13.00	16.25
(10).....	14.00	20.00	15.00	13.00	14.50	14.00	18.00	18.00	15.00	14.00	25.00	12.00	13.00	18.25
(11).....	16.00	17.00	18.00	17.00	20.00	19.42	17.00	20.00	20.00	17.00	18.50	17.00	18.00	19.00
(12).....	1.40	1.71	1.65	1.80	1.30	1.70	2.08	1.60	1.80	1.75	1.80	1.55	2.40	2.50
(13).....	.05	.06	.06	.05	.06	.05	.053	.06	.06	.05	.06	.055	.06	.05
(14).....	.60	.50	.60	.50	.60	1.00	.60	.50	.80	.60	1.00	.75	.40	.50
(15).....	21.00	20.50	21.00	18.00	26.00	18.00	26.00	20.00	21.00	20.00	23.00	17.00	26.00	25.00
(16).....	.70	.70	.75	.65	.70	.75	.65	.75	.80	.75	.50	.70	.80	.75
(17).....	22.00	12.00	25.00	20.00	20.00	24.00	30.00	20.00	20.00	20.00	22.00	11.00	20.00	20.00
(18).....	.90	1.00	.90	.80	1.00	1.00	.93	1.00	1.00	1.00	.95	.87	.90	1.00
(19).....	1.25	1.30	1.50	1.10	1.35	1.35	1.18	1.30	1.30	1.50	1.25	1.19	1.30	1.40
(20).....	1.75	1.50	1.75	1.80	1.90	2.00	1.72	1.80	1.90	2.00	1.80	1.70	1.90	1.95
(21).....	2.75	2.75	2.70	2.50	2.90	3.00	2.56	2.80	2.70	2.80	2.65	2.60	2.60	3.00
(22).....	3.00	2.90	2.75	2.60	2.90	3.10	2.66	2.90	2.90	3.00	2.75	2.70	3.00	3.10
(23).....	7.50	7.60	7.25	7.00	7.50	4.00	6.96	7.25	8.00	8.00	7.10	7.20	8.00	8.10
(24).....	9.00	8.80	8.30	8.00	8.00	8.50	7.78	8.00	8.50	9.00	8.05	8.75	9.50	9.15
(25).....	11.00	11.00	10.00	9.50	11.00	10.00	9.34	9.50	10.50	11.00	9.95	10.50	11.00	11.00
(26).....	12.00	12.10	12.00	10.60	12.00	11.50	10.69	12.00	13.00	12.00	12.10	11.30	13.00	11.85
(27).....	14.00	14.00	13.50	12.50	14.50	14.00	13.07	14.00	16.00	15.00	13.70	13.60	15.00	14.65
(28).....	.50	.50	.50	.50	.60	.60	.57	.65	.80	.75	1.00	.60	.60	.60
(29).....	2.75	2.50	3.00	3.00	2.50	2.50	2.35	2.50	3.00	3.00	4.00	2.00	2.00	2.50
(30).....	1.00	.60	1.00	1.00	1.00	1.00	1.00	.50	1.00	1.00	.60	.60	.80	1.00
(31).....	14.00	13.00	15.00	12.00	15.00	15.00	11.18	13.00	15.00	15.00	15.30	13.50	15.00	20.00
(32).....	12.00	10.00	15.00	7.50	11.00	11.00	8.54	8.00	17.00	12.00	10.50	9.30	12.00	10.00
(33).....	.90	1.00	1.50	1.00	1.00	1.50	1.05	1.00	1.50	.75	2.50	1.00	1.50	1.25
(34).....	.45	.44	.50	.35	.60	.50	.48	.35	.43	.38	.48	.39	.50	.45
(35).....	1.30	1.00	2.00	1.50	1.25	3.00	1.50	1.00	1.25	1.50	3.10	1.00	1.00	1.25
(36).....	2.25	2.25	3.00	2.50	3.00	2.00	2.50	2.50	3.00	3.50	3.00	3.00	2.50	3.00
(37).....	1.75	2.25	3.00	2.50	3.00	2.00	2.25	2.30	3.00	3.00	3.00	3.00	2.50	3.00
(38).....	675.00	632.00	650.00	600.00	600.00	600.00	590.00	600.00	700.00	650.00	715.00	600.00	750.00	750.00
(39).....	25.00	25.00	25.00	20.00	20.00	18.00	21.83	20.00	17.50	20.00	20.00	18.00	20.00	25.00
(40).....	2.50	3.00	3.00	3.00	3.00	3.00	3.50	3.00	3.50	4.00	3.50	3.00	3.00	3.00

**BIDS OPENED**  
June 11, 1937

**LOS ANGELES, Calif.**—Following bids were opened by the Los Angeles County Supervisors for \$29,300 lbs. reinforced steel for transition structure and valve chamber of Outlet Works, San Gabriel Dam No. 1.

The items are:

(1) \$200 cwt 1½-in. sq. deformed;

Concrete Engineering Co.	.....	\$2,713
Plus Diamond Corp.	.....	277
Fruscon Steel Co.	.....	280
L. A. Iron & Steel Co.	.....	2,904.5
California Harware Co.	.....	2,869
Soule Steel Co.	.....	2,985

(2) 7 cwt. 1½-in. sq. deformed;

(3) 26 cwt. 1-in. sq. deformed;

(4) 7 cwt. 1-in. round deformed;

(5) 1 cwt. ¾-in. round deformed;

(6) 3 cwt. ¾-in. round deformed;

(7) 30 cwt. ¾-in. round deformed;

(8) 20 cwt. ½-in. sq. deformed;

(9) 1 cwt. ½-in. round deformed.

F. o. b. trucks or railroad cars.

Azusa	(1)	(2)	(3)	(4)	(5)
.....	\$2,713	\$2,713	\$2,713	\$2,713	\$2,713
.....	2.77	2.77	2.77	2.77	2.77
.....	2.80	2.80	2.80	2.80	2.80
.....	2,904.5	2,904.5	2,904.5	2,904.5	2,904.5
.....	2,869	2,869	2,869	2,869	2,869
.....	2,985	2,985	2,985	2,985	2,985

Total bids follow:

(A) Concrete Engineering Co.

(B) Blue Diamond Corp.	.....	\$22,506.50
(C) Fruscon Steel Co.	.....	23,153.93
(D) L. A. Iron & Steel Co.	.....	23,225.00
(E) California Hdwe. Co.	.....	24,094.84
(F) Soule Steel Co.	.....	23,800.22
(G) Soule Steel Co.	.....	21,762.23

Unit bids follow:

(1)	(2)	(3)	(4)	(5)
\$2,713	\$2,713	\$2,713	\$2,713	\$2,713
2.77	2.77	2.77	2.77	2.77
2.80	2.80	2.80	2.80	2.80
2,904.5	2,904.5	2,904.5	2,904.5	2,904.5
2,869	2,869	2,869	2,869	2,869
2,985	2,985	2,985	2,985	2,985

# Machinery & Material

## EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until June 23, 5:30 P. M., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, as follows: Informal Proposal No. 888: 6500 l.f. copper tubing, 1, 1½ and 2-in. in diameter; Informal Proposal No. 889: 255,000 cu. ft. of oxygen gas and 180,000 cu. ft. acetylene gas. Specifications obtainable from the above office.

## LOS ANGELES COUNTY

LOS ANGELES.—Until June 29, 2 p.m., bids will be received by the Los Angeles County Supervisors for 122,000 lbs. reinforced steel, for use in constructing trash rack tower of San Gabriel Dam No. 1, involving (1) 204 cwt. 1½-in. sq. def., (2) 664 cwt. 1½-in. sq. def., (3) 252 cwt. 1-in. sq. def., (4) 410 cwt. 1-in. round def., (5) 206 cwt. ¾-in. round def., (6) 128 cwt. ½-in. round def., f.o.b. Azusa, Calif.

## RECLAMATION BUREAU

CASPAR - ALCOVA PROJECT, Wyoming.—Until June 28, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 638-D, for furnishing and delivering 700 cars at Parco, Wyoming, gate frames for three 14-foot by 50-foot fixed wheel gates for installation in the spillway of the emine Dam, Caspar-Alcova Project, Wyoming. Specifications obtainable from the above office.

BOULDER CANYON PROJECT—Until June 30, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 940-D, for furnishing and delivering two plate-steel turbine inlet pipes for installation in the Boulder power plant, Boulder Canyon Project. Specifications obtainable from the above office.

POTHOLES, Calif.—Until July 1, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter Chief Engineer, Denver, under Spec. No. 939-D, for furnishing insulated cable for installation at the Imperial Dam and Desilting Works, All-American Canal system, Boulder Canyon Project. Specifications obtainable from the above office.

## CANAL ZONE

PANAMA CANAL.—Until June 23, 10:30 A. M., bids will be received by the General Purchasing Officer at Washington, D. C., for furnishing lifting-type metal sheet metal equipment and 15,000 lbs. steel rim bolts, brass cotter pins, dryndy nails, copper connecting ties, corrosion-resisting steel tea spoons, water rescue lights, flexible gas, nylon huck towels; for Panama Canal Zone. Specifications obtainable from the above office.

## SAN FRANCISCO CITY

SAN FRANCISCO, Calif.—Until June 28, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Sup-

## IMPROVE CHESLEY ST.—SAN FRANCISCO—(City)

SAN FRANCISCO—Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$8662.30, submitted the low bid to the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19021, for improving Chesley St., between Harrison and Bryant Sts.

The work involves:

- (1) 1100 l.f. armored concrete curb;
- (2) 6 each, brick catchbasins, complete with new castings;
- (3) 1 each, brick catchbasin, complete with existing castings;
- (4) 3 each, brick catchbasins reset or reconstructed;
- (5) 200 l.f. 10-in. VCP culvert, in place;
- (6) 6 each, brick manholes, complete;
- (7) 1080 l.f. 12-in. VCP sewer, in place;
- (8) 40 l.f. 8-in. VCP sewer, in place;
- (9) 160 l.f. 6-in. VCP sewer, in place;
- (10) 12 each, 12x6-in. Wye branches, in place;
- (11) 4 each, 12x8-in. Wye branches, in place;
- (12) 2 each, street signs, reset;
- (13) Hydrant protection;
- (14) 550 sq. ft. existing pavement removed;
- (15) 480 cu. y. crushed rock fill;

- (16) 230 sq. ft. 8-in. Class "E" concrete pavement;
  - (17) 15,200 sq. ft. Asphalt-concrete pavement, consisting of a 6-in. Class "F" concrete base and a 2-in. asphaltic concrete wearing surface;
  - (18) 15 tons asphaltic concrete concrete pavement;
  - (19) 300 sq. ft. two-course concrete sidewalk;
  - (20) 50 l.f. stone curb reset.
- Total bids follow:
- (A) Lowrie Paving Co., Inc., San Francisco, \$8,662.30.
- (B) A. G. Raich, San Francisco, \$8,687.95.
- (C) Pay Imp. Co., San Francisco, \$9,128.70.
- (D) U. Peira & Sons, San Francisco, \$9,231.20.
- (E) Chas. L. Harney, San Francisco, \$9,276.25.
- (F) Eaton & Smith, San Francisco, \$10,072.50.
- (G) M. J. Lynch, San Francisco, \$10,351.75.
- (H) E. C. Treacy, San Francisco, \$10,825.50.
- (I) Mills Const. Co., San Francisco, \$11,443.00.
- (J) Pacific Pavements Co., Ltd., San Francisco, \$11,501.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 50	\$ 75	\$ 75	\$ 60	\$ 85	\$ 90	\$ 100	\$ 90	\$ 150	\$ 30
(2)	70.00	82.00	80.00	70.00	77.00	100.00	90.00	70.00	85.00	100.00
(3)	35.00	64.00	70.00	55.00	65.00	80.00	73.00	51.00	65.00	85.00
(4)	45.00	51.00	55.00	45.00	55.00	50.00	50.00	50.00	60.00	100.00
(5)	1.25	.90	1.40	1.50	1.00	2.50	1.50	1.25	1.25	2.00
(6)	100.00	88.00	90.00	80.00	100.00	100.00	90.00	120.00	90.00	95.00
(7)	1.50	1.61	2.37	2.70	1.85	2.00	2.50	2.75	2.25	2.60
(8)	1.25	1.15	1.00	1.50	1.50	2.00	1.10	1.20	1.50	2.00
(9)	1.00	1.15	.90	1.50	1.00	1.50	1.00	1.00	1.25	1.75
(10)	3.00	3.50	2.00	2.50	2.50	2.00	2.00	3.00	1.00	1.00
(11)	3.50	3.50	2.00	2.50	1.50	2.50	2.00	3.00	1.00	1.00
(12)	1.75	3.50	3.00	3.00	10.00	7.50	4.00	5.00	6.00	5.00
(13)	50.00	84.00	56.00	90.00	35.00	100.00	100.00	50.00	150.00	100.00
(14)	.10	.16	.08	.10	.075	.10	.05	.10	.075	.07
(15)	1.30	1.23	1.15	1.25	1.30	1.25	1.15	1.50	1.50	1.40
(16)	.26	.30	.37	.24	.30	.30	.35	.30	.30	.30
(17)	.23	.23	.205	.20	.24	.24	.25	.255	.30	.25
(18)	5.85	5.90	4.00	4.00	7.00	7.00	6.50	6.50	5.90	6.00
(19)	.15	.15	.16	.13	.15	.18	.12	.22	.14	.15
(20)	.50	.63	.40	.40	1.00	.45	.60	1.50	.50	1.00

## TULARE CO.—KAWEAH RIVER BRIDGE—(State)

TULARE CO., Calif.—N. M. Bell Sons, 852 Carmel, Albany, at \$27,331.80, submitted the low bid to the State Division of Highways, C. H. Parcell, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a steel stringer bridge with concrete deck, across Kaweah River, 3 miles south of Woodlake, consisting of three 39-ft. spans, one 36-ft. span, and two 31-ft. 6-in. spans, on concrete pile bents.

The work involves:

- (1) 1 lot existing portions of bridge to be removed and disposed of;
- (2) 615 A. clear and grub;
- (3) 25 cu. y. struc. excav.
- (4) 30,000 lbs. bar reinf. steel;
- (5) 216 cu. y. Class A Portland cement concrete;
- (6) 126,000 lbs. struc. steel;
- (7) 125 11. Redwood piles (furnishing);

- (8) 5 each, Redwood piles (driving);
- (9) 1,234 l.f. reinf. concr. piles, including test piles (furnishing);
- (10) 58 each, reinf. concr. piles, including test piles (driving);
- (11) 2 each, clearance markers;
- (12) 8 each, bridge deck drains;
- (13) 1 lot misc. items of work.

Total bids follow:

(A) N. M. Bell Sons, Albany, \$27,331.80.

(B) Bodenhamer Constr. Co., Oakland, \$29,028.55.

(C) F. O. Bohnett, Campbell, \$29,127.50.

(D) Peter J. McHugh, San Francisco, \$29,739.75.

(E) T. R. Bishop, Long Beach, \$30,842.00.

(F) F. C. Amoroso & Son, San Francisco, \$33,591.40.

(G) Schuler & McDonald, Inc., Oakland, \$36,333.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$500.00	\$350.00	\$360.00	\$500.00	\$2000.00	\$700.00	\$2000.00
(2)	4.00	3.50	.90	2.00	5.00	10.00	10.00
(3)	.06	.063	.07	.064	.06	.065	.07
(4)	27.00	31.00	25.00	24.00	25.00	31.00	30.00
(5)	.08	.083	.10	.09	.087	.09	.10
(6)	1.50	.66	.80	.65	1.00	1.50	.60
(7)	33.00	20.00	20.00	30.00	40.00	30.00	25.00
(8)	3.00	2.45	2.50	2.50	2.60	2.60	4.00
(9)	150.00	186.00	150.00	230.00	190.00	250.00	250.00
(10)	1.10	1.25	2.00	1.50	1.50	1.50	2.50
(11)	4.50	9.50	10.00	5.00	15.00	30.00	100.00
(12)	5.00	25.00	35.00	3.00	45.00	80.00	20.00
(13)	600.00	600.00	200.00	100.00	2000.00	1600.00	900.00

SAN FRANCISCO—TERMINAL—(State)

TERMINAL  
SAN FRANCISCO. First and Mission Streets.

San Francisco-Oakland Bay Bridge Railway Terminal (3-story reinforced concrete building; granite facing on headhouse; steel roof framing over track level on top floor; reinforced concrete floors; composite roofing over concrete; 165 ft. wide by 700 ft. long).

Bids were received for construction of the building under two alternate plans. Plan One includes extensive garages in the west end of the building, and Plan Two is for construction of building omitting the garages. In the list of bid items below, all items with the suffix "x" refer to the quantity of work involved if the garages are omitted under Plan Two.

Bids were received under the following proposals:

PROPOSAL A—Contract R-2A, general construction only; bidding items 1 to 65.

PROPOSAL B—Contr. R-2B, Structural steel work only; bidding items 66 to 68.

PROPOSAL C—Contract R-2C, mechanical work only, bidding items 69 to 76.

PROPOSAL D—Contract R-2D, electrical work only; bidding items 77 to 84.

PROPOSAL E—Contracts R-2A and R-2B, general construction and structural steel work; bidding items 1 to 68.

PROPOSAL F—Contracts R-2A, R-2B, R-2C, and R-2D, general construction, structural steel work, mechanical work, and electrical work; bidding items 1 to 84.

Owner—State of California, Department of Public Works (San Francisco-Oakland Bay Bridge Commission, C. H. Purcell, Engineer, Room 811, 500 Sansome St., San Francisco).

The work involves:  
CONTRACT R-2A, GENERAL CONSTRUCTION

- (1) Demolition and removal of buildings, lump sum;
- (2) 5,500 c.y. removal of conc.;
- (2x) 5,000 c.y. removal of conc.;
- (3) 25,000 c.y. excav.;
- (3x) 21,000 c.y. excav.;
- (4) 20,000 c.y. fill;
- (4x) 23,000 c.y. fill;
- (5) 100 exist. piles to be pulled;
- (6) 1,000 cutting off existing piles;
- (7) 160,000 lf. timber piles;
- (7x) 130,000 lf. timber piles;
- (8) 13,500 lf. conc. piles;
- (8x) 25,000 lf. conc. piles;
- (9) 10,000 c.y. conc. foundations;
- (9x) 8,500 c.y. conc. foundations;
- (10) 4,100 c.y. conc. basement slabs;
- (10x) 3,100 c.y. conc. basement slabs;
- (11) 110 c.y. conc. curbs;
- (11x) 120 c.y. conc. curbs;
- (12) 22,000 c.y. conc. above foundations;
- (12x) 20,000 c.y. conc. above foundations;
- (13) 2,600 hbbs. of extra portland cement;
- (13x) 1,900 hbbs. of extra portland cement;
- (14) Peralun stair treads, lump sum;
- (14x) Peralun stair treads, lump sum;
- (15) 5,000,000 lbs. reinf. steel;
- (15x) 4,200,000 lbs. reinf. steel;
- (16) Firebrick, lump sum;
- (17) Hollow tile, lump sum;
- (17x) Hollow tile, lump sum;
- (18) Granite, lump sum;
- (19) Roofing, lump sum;
- (19x) Roofing, lump sum;
- (20) Dampproofing, lump sum;
- (20x) Dampproofing, lump sum;
- (21) Waterproofing membrane and protection, lump sum;
- (21x) Waterproofing membrane and

- protection, lump sum;
- (22) Vibration insulation, lump sum;
- (23) Sheet Metal, lump sum;
- (23x) Sheet Metal, lump sum;
- (24) Steel flooring, lump sum;
- (24x) Steel flooring, lump sum;
- (25) Misc. iron, lump sum;
- (25x) Misc. iron, lump sum;
- (26) Ornamental metal, lump sum;
- (27) Aluminum, lump sum;
- (28) Steel windows, lump sum;
- (28x) Steel windows, lump sum;
- (29) Steel hollow metal, lump sum;
- (30) Rough carpentry, lump sum;
- (30x) Rough carpentry, lump sum;
- (31) Finish carpentry, lump sum;
- (31x) Finish carpentry, lump sum;
- (32) Metal lathing and furring, lump sum;
- (32x) Metal lathing and furring, lump sum;
- (33) Interior plastering, lump sum;
- (33x) Interior plastering, lump sum;
- (34) Acoustical treatment, lump sum;
- (35) Terrazzo, lump sum;
- (36) Kalman floor, lump sum;
- (37) Marble, lump sum;
- (38) Glazed and ceramic tile, lump sum;
- (38x) Terra cotta unit tile, lump sum;
- (40) Asphalt tile and linoleum, lump sum;
- (41) Glass and glazing, lump sum;
- (41x) Glass and glazing, lump sum;
- (42) 2,000 tons painting steel street crossings;
- (43) 560 tons painting terminal roof steel;
- (43x) 530 tons painting terminal roof steel;
- (44) 280 tons painting catenary bridges;
- (45) 11,500 sq. yds. waterproofing exterior conc. surfaces;
- (45x) 11,000 sq. yds. waterproofing exterior conc. surfaces;
- (46) General painting, lump sum;
- (46x) General painting, lump sum;
- (47) Finish hardware, lump sum;
- (47x) Finish hardware, lump sum;
- (48) 2 each, flagpoles;
- (48x) 1,300 lbs. bronze expansion plates;
- (50) Fire extinguishers, lump sum;
- (50x) Fire extinguishers, lump sum;
- (51) General cleaning, lump sum;
- (51x) General cleaning, lump sum;
- (52) 600 lf. redressing granite curb;
- (53) 1,600 lf. resetting granite curb;
- (54) 900 lf. granite curb, straight;
- (55) 110 lf. granite curb, curved;
- (56) 12 each, brick catch basins;
- (57) 1,650 tons asphaltic conc.;
- (57x) 2,250 tons asphaltic conc.;
- (58) 5 tons liq. asphalt, Type SC-2;
- (58x) 10 tons liq. asphalt, Type SC-2;
- (59) 5 tons liq. asphalt, Type MC-3;
- (59x) 10 tons liq. asphalt, Type MC-3;
- (60) 50 tons stone screenings;
- (60x) 100 tons stone screenings;
- (61) 2,000 lbs. street castings;
- (62) 18 each, resetting street castings;
- (63) 400 lf. 10-in. vit. pipe;
- (64) Fencing, lump sum;
- (64x) Fencing, lump sum;
- (65) Elevators, lump sum;
- (65x) Elevators, lump sum;

CONTRACT R-2B: STRUCTURAL STEEL WORK

- (66) 4,000,000 lbs. struct. steel street crossings;
- (67) 1,120,000 lbs. steel roof framing in terminal;
- (67x) 1,060,000 lbs. steel roof framing in terminal;
- (68) 560,000 lbs. catenary bridges

CONTRACT R-2C: MECHANICAL

- (69) Plumbing fixtures and service piping, lump sum;
- (69x) Plumbing fixtures and service piping, lump sum;
- (70) Roof and track drainage system, lump sum;
- (71) Hose rack and water piping system, lump sum;
- (71x) Hose rack and water piping system, lump sum;

plies, Room 270, City Hall, under Spec. No. 2838, for furnishing science supplies for the school department.

Specifications obtainable from the above office.

SAN FRANCISCO, Calif.—Until June 28, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Spec. No. 2836, for furnishing lumber for the school department.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

June 22, 2 P. M.  
BID NO. 4891—1750 pieces of reinf. steel; f.o.b. Redding.  
BID NO. 4893—30 compasses, foresters and geologists'; f.o.b. Government Island.

Specifications obtainable at the above office.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until June 23, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Reqn. 24871, for furnishing two 12-ft., dual-drive, Diesel or Hesselman-type engine powered motor-graders, with scarifiers; f.o.b. Redding.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 22, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Reqn. No. 25097, for furnishing one 40-hp. track-laying type tractor with canopy top; f.o.b. Redding.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 22, 10 a.m., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Reqn. No. 25098, for furnishing one mechanical-operated heavy-duty trailbuilder, for use with 40-hp. Diesel-powered tractor; f.o.b. Redding.

Specifications obtainable from the above office.

WAR DEPARTMENT

FORT MASON, Calif.—Until June 26, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Spec. No. 928-37-446, for brushes, paint drier, varnish, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

FORT WINFIELD SCOTT, Calif.—Until June 24, 3 p.m., bids will be received by the Signal Officer, Hdq. 9th Corps Area, Presidio of San Francisco, under Bid No. CP 1084-SC-37-6, for furnishing 3,050 feet of telephone cable of various grades; f.o.b. Fort Winfield Scott.

Specifications from above office.

SAN FRANCISCO, Calif.—Bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials as follows:

June 24, 3 P. M.  
BID NO. 868-37-200—100 lin. ft. line fencing, 2 gates, corner posts, and for erection of same; f.o.b. Fort Funston.

BID NO. 868-37-299—Blue prints, Van Dyke negatives, etc.; f.o.b. 401 Custom House.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until June 28, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Spec. No. 928-37-447, for furnishing 1,100 ft. wrought-iron pipe, nipples, Douglas fir lumber, redwood lumber and pine; f.o.b. Fort Mason.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until June 25, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-443, for furnishing tool sets, piston ring cleaner, cutter, spring spreader and similar supplies; f.o.b. Fort Mason.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until June 24, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-37-233, for furnishing 25 cylinders of oxygen, and 12 cylinder acetylene; fob Rio Vista.

Specifications obtainable from the above office.

FORT McDOWELL, Calif.—Until June 23, 10:45 A. M., bids will be received by the Quartermaster, Ft. McDowell, under Bid No. 536-37-39, for furnishing 22,900 feet of steel armored cable, triplex, non-leaded, No. A. W. G., stranded rubber insulated for submarine use; fob various locations.

Specifications obtainable from the above office.

- (72) Gas piping system, lump sum;
- (73) Boilers, oil tank, pumps, and boiler room piping, lump sum;
- (74) Radiation and steam piping, lump sum;
- (75) Station ventilation, lump sum;
- (76) Garage ventilation, lump sum;
- (76\*) Garage ventilation, lump sum; CONTRACT R-2D: ELECTRICAL
- (77) General lighting, lump sum;
- (77\*) General lighting, lump sum;
- (78) Lighting fixtures and standards, lump sum;
- (79) Fire alarm system, lump sum;
- (79\*) Fire alarm system, lump sum;
- (80) Clocks, lump sum;
- (81) Signs, lump sum;
- (82) Public address system, lump sum;

(83) Power wiring, lump sum;  
 (84) Emergency lighting, lump sum.  
 Unit bids only were submitted. Totals will be published in DAILY PACIFIC BUILDER as soon as available.

CONTRACT R-2A—GENERAL CONSTRUCTION  
 Complete list of bidders follows:  
 (A) Barrett & Hilt and A. Teichert and Son, Inc., San Francisco and Sacramento.  
 (B) Geo. A. Fuller, Los Angeles.  
 (C) MacDonald & Kahn Co., Ltd., San Francisco.  
 (D) Clinton Const. Co., San Francisco.

	(A)	(B)	(C)	(D)
(1)	\$40,000.00	\$11,340.00	\$16,000.00	\$35,000.00
(2)	3.00	2.21	2.50	2.50
(2*)	3.00	2.21	2.50	2.50
(3)	2.50	1.95	1.75	2.80
(3*)	2.75	1.95	1.80	3.15
(4)	.60	.59	.70	.62
(4*)	.60	.59	.70	.62
(5)	25.00	34.00	60.00	22.70
(6)	1.50	1.70	2.80	1.26
(7)	.60	.65	.52	.68
(7*)	.60	.66	.52	.69
(8)	2.50	2.50	2.00	3.10
(8*)	2.50	2.50	2.00	2.92
(9)	10.50	9.07	10.00	9.80
(9*)	11.00	9.07	10.00	9.80
(10)	11.00	10.21	10.00	11.80
(10*)	11.00	10.21	10.00	11.50
(11)	20.00	29.48	11.50	39.00
(11*)	20.00	29.48	11.50	33.00
(12)	22.00	24.21	19.50	25.85
(12*)	23.00	24.21	20.00	26.00
(13)	3.00	2.27	1.75	3.00
(13*)	3.00	2.27	1.75	3.00
(14)	2600.00	2,240.00	2,875.00	2,380.00
(14*)	2300.00	2,060.00	2,675.00	2,200.00
(15)	.065	.0499	.0532	.0555
(15*)	.065	.0499	.0532	.056
(16)	300.00	490.00	345.00	320.00
(17)	5800.00	5,190.00	5,700.00	5,300.00
(17*)	4200.00	4,529.00	4,400.00	4,000.00
(18)	36,000.00	39,045.00	31,000.00	46,110.00
(19)	13,000.00	11,468.00	12,600.00	10,700.00
(19*)	11,300.00	10,792.00	11,600.00	10,000.00
(20)	2,300.00	1,779.00	2,600.00	1,700.00
(20*)	2,600.00	1,524.00	2,500.00	1,400.00
(21)	17,250.00	17,261.00	18,500.00	16,100.00
(21*)	4,000.00	3,400.00	4,000.00	3,200.00
(22)	20,000.00	25,786.00	26,000.00	24,100.00
(22*)	51,000.00	45,500.00	53,000.00	47,800.00
(23)	50,000.00	38,556.00	50,000.00	43,000.00
(24)	5100.00	4,876.00	4,800.00	4,700.00
(24*)	1,400.00	1,304.00	1,300.00	1,600.00
(25)	31,000.00	31,405.00	30,000.00	29,400.00
(25*)	30,000.00	28,455.00	28,000.00	27,600.00
(26)	65,000.00	73,710.00	70,000.00	61,500.00
(27)	32,000.00	30,618.00	33,000.00	30,600.00
(28)	10,000.00	9,877.00	9,000.00	9,200.00
(28*)	8,000.00	8,049.00	8,000.00	6,900.00
(29)	2,000.00	278.00	1,200.00	1,600.00
(30)	7,000.00	6,861.00	6,000.00	2,400.00
(30*)	6,600.00	6,804.00	5,500.00	2,400.00
(31)	22,500.00	25,706.00	23,000.00	20,100.00
(31*)	22,000.00	25,000.00	23,000.00	20,000.00
(32)	10,000.00	9,633.00	11,000.00	9,000.00
(32*)	9,500.00	9,633.00	11,000.00	9,000.00
(33)	11,500.00	11,752.00	15,000.00	11,000.00
(33*)	11,500.00	11,476.00	12,500.00	10,700.00
(34)	4,200.00	4,237.00	8,000.00	4,000.00
(35)	65,000.00	68,040.00	67,000.00	62,500.00
(36)	18,000.00	17,979.00	18,000.00	16,800.00
(37)	6,000.00	5,907.00	6,000.00	5,800.00
(38)	9,000.00	9,195.00	11,000.00	8,600.00
(39)	41,000.00	41,810.00	43,000.00	39,700.00
(40)	1,000.00	954.00	1,000.00	820.00
(41)	8,000.00	7,938.00	8,000.00	7,600.00
(41*)	7,200.00	7,329.00	7,500.00	7,000.00
(42)	7.50	3.96	10.00	6.90
(43)	9.00	3.96	10.00	8.50
(43*)	9.00	3.96	11.00	8.50
(44)	12.00	3.96	10.00	11.20
(45)	.30	.34	.30	.26
(45*)	.30	.34	.30	.26
(46)	18,000.00	24,945.00	17,000.00	16,500.00
(46*)	17,500.00	24,721.00	17,000.00	16,200.00
(47)	10,300.00	9,672.00	10,000.00	9,000.00
(47*)	10,000.00	8,732.00	10,000.00	8,700.00
(48)	800.00	801.00	600.00	750.00
(49)	.40	.45	1.50	.42
(50)	1,700.00	1,799.00	1,600.00	1,700.00
(50*)	1,600.00	1,799.00	1,500.00	1,400.00

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(51).....	11,000.00	20,000.00	5,000.00	2,100.00
(51x).....	10,000.00	20,000.00	4,500.00	1,900.00
(52).....	.80	.85	1.00	.80
(53).....	1.00	1.02	1.50	1.50
(54).....	2.50	2.49	2.50	2.30
(55).....	3.00	3.40	4.00	3.20
(56).....	90.00	105.60	100.00	100.00
(57).....	5.00	5.09	5.00	4.75
(57x).....	5.00	5.09	5.00	4.75
(58).....	25.00	26.08	25.00	24.00
(58x).....	25.00	26.08	25.00	24.00
(59).....	30.00	28.08	30.00	26.50
(59x).....	30.00	28.08	30.00	26.50
(60).....	4.00	4.14	4.00	3.90
(60x).....	4.00	4.14	4.00	3.90
(61).....	.07	.067	.10	.06
(62).....	25.00	24.95	30.00	23.00
(63).....	3.50	3.29	3.50	3.00
(64).....	1,300.00	1,260.00	2,500.00	1,200.00
(64x).....	2,100.00	2,441.00	3,500.00	2,100.00
(65).....	1,400.00	1,224.00	2,500.00	1,100.00
(65x-rib).....	5,000.00	4,148.00	7,500.00	5,000.00

CONTRACT R-2E—

STRUCTURAL STEEL WORK  
Complete list of bidders follows:  
(A) Geo. A. Fuller Co., Los Angeles.  
(B) Bethlehem Steel Co., San Francisco.  
(C) Columbia Steel Co., San Francisco.

Unit bids follow:

(66).....	\$0.781	\$0.786	\$0.765
(67).....	0.785	.0776	.077
(67x).....	.0765	.0770	.075
(68).....	.0945	.0890	.0895

(A) Geo. A. Fuller Co., Los Angeles.  
(B) Scott Co., Inc., San Francisco.  
(C) Alta Electric & Mechanical Co., San Francisco.  
(D) James A. Nelson, Inc., S. F.  
(E) Herman Lawson, San Francisco.  
(F) Anderson and Rowe, San Francisco.

CONTRACT R-2C—MECHANICAL

Complete list of bidders follows:

(69).....	\$23,000	\$23,800	\$30,114	\$34,824	\$27,000	\$22,576
(69x).....	20,000	22,978	29,694	33,824	25,200	19,800
(70).....	11,500	13,080	9,407	12,334	10,200	11,072
(71).....	97,000	10,493	3,307	2,990	3,400	9,315
(71x).....	8,000	9,230	2,853	2,890	3,000	7,858
(72).....	700.00	514	442	696	587	651
(73).....	13,500	11,340	15,427	14,103	16,400	12,996
(74).....	13,000	16,620	11,082	11,568	14,500	12,445
(75).....	22,000	23,410	22,091	23,985	18,900	21,708
(76).....	14,000	10,000	25,375	25,245	26,300	23,711
(76x).....	10,600	15,630	9,410	10,341	11,300	10,343

CONTRACT R-2D—  
ELECTRICAL WORK  
Complete list of bidders follows:  
(A) Geo. A. Fuller Co., Los Angeles.  
(B) Alta Electric and Mechanical Co.

Inc., San Francisco.  
(C) Central Electric Co., San Francisco.  
(D) Chas. A. Langlais, San Francisco.

(E) Radelfinger Bros., San Francisco.  
(F) Kenney Electric Co., San Francisco.

Unit bids follow:

(77).....	\$36,000	\$41,390	\$33,310	\$38,678	\$35,100	\$40,500
(77x).....	33,000	34,250	28,930	29,790	31,200	35,500
(78).....	14,500	13,000	13,157	14,469	13,750	11,554
(79).....	3,000	2,850	3,153	3,306	2,860	2,648
(79x).....	2,400	2,375	2,530	2,664	2,350	2,148
(80).....	1,700	1,880	1,371	1,493	1,320	1,768
(81).....	4,000	910	5,435	1,219	550	1,056
(82).....	6,600	5,000	6,056	6,253	5,730	5,400
(83).....	4,000	7,175	6,335	5,878	6,400	12,285
(84).....	5,500	6,500	5,170	5,416	7,540	4,700

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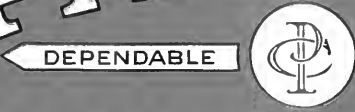
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## IN THIS ISSUE



State Advertises 8 Highway  
and Bridge Contracts to  
be Opened July 14-15



*Mare Island Drydock Bids Open*  
July 28



Building Permits, Advance Reports  
of Building and Engineering  
Projects

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Vol. XX

SAN FRANCISCO, CALIF., JUNE 26, 1937

No. 23

## MARE ISLAND DRYDOCK BIDS OPEN JULY 28

**Bid Opening Date Announced  
for \$3,500,000 Navy  
Project**

Bids for construction of the \$3,500,000 graving dry dock at Mare Island will be opened in Washington July 28, the Navy Bureau of Yards and Docks has announced.

Long sought by Pacific Coast interests, the Mare Island dry dock will be one of the largest single contracts to be let this year in the Bay area.

To be of reinforced concrete construction on pile foundations, the dock will be located south of Cradle No. 2 at the Mare Island Navy Yard.

It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

### 700 Feet Long

The dock will have a length of 700 feet, a width of 114 feet, and will be 40 feet over all in depth.

Work is to include quay walls, crane tracks, pump well, capstan and boiler foundations, manholes, culverts, drains, pipings, railings, and wood floors.

Pacific Coast contractors who have procured plans for the work are Lindgren & Swinerton, Inc., 225 Bush street, San Francisco, and Clinton Construction Co. of California, 923 Folsom street, San Francisco.

Eastern firms who have taken out plans include Warner Const. Co., Chicago; Bethlehem Steel Co., Bethlehem, Pa.; Jones & Laughlin Steel Corp., Chicago; Frederick Snare Corp., New York City; and Crane Co., Washington, D. C.

## CHANGE IN FIRM NAME ANNOUNCED

Change from the firm name of Kingsland Granite Co. to Madera Quarries Company was announced last week by officials of the firm, which quarries and manufactures many types of stone, including granite and marble. Located at Madera, the firm specializes in building and monumental work, its output including sawed slabs, polished slabs and dimension stock.

## State Advertises Eight Highway, Bridge Contracts; Bids Scheduled July 14, 15

SACRAMENTO, June 22.—Bids on eight contracts for highway and bridge construction were invited here today by the State Highway Commission, with proposals for opening in Sacramento and Los Angeles July 14 and 15.

Projects authorized for advertising today are located by counties as follows:

**Colusa and Glenn:** grading and paving with asphalt concrete about five and eight-tenths miles, between Delevan and Logandale.

**Lassen Surfacing**  
Lassen: grading and surfacing with road-mix surfacing and constructing multi-plate arch culverts on about three miles, between Lake Leavitt and Litchfield.

**Yolo and Colusa:** surfacing with bituminous macadam surfacing on about four and three-tenths miles between Zamora and Bretona and between Arbuckle and Geneva.

**Monterey:** constructing a reinforced concrete bridge across Big Creek about 49 miles south of Monterey; the bridge to consist of two 177-foot 6-inch open spandrel arch spans, two 81-ft. 6-in. open spandrel arch cantilevers, and two 34-ft. 6-in. girder spans.

### Southern California

Bids on these four projects will be opened in Sacramento July 14. For the Southern California projects will be opened in Los Angeles July 15. They are:

**Ventura:** constructing a reinforced concrete girder bridge, consisting of one 59-ft. span on concrete abutments, across Sycamore Creek about 10 miles south of Oxford.

**San Bernardino and Riverside:** surfacing with plant-mixed surfacing and applying seal coat on about eight and six-tenths miles at various locations in Dist. VIII.

### Riverside Project

**Riverside:** surfacing with plant-mixed surfacing and applying seal coat on about twelve and one-half miles between San Jacinto and Moreno.

**Imperial:** grading and surfacing with plant-mixed surfacing about four miles between Brawley and Mulberry Avenue.

## SET BAKERSFIELD SCHOOL BUILDING TAX BALLOT DATE

**Voters to Pass on Proposed  
Building Program  
June 29**

The Bakersfield Board of Education this week announced that a special election will be held June 29 to authorize a \$1.40 tax for the Bakersfield School District. The action was made necessary by the passage of a State law limiting districts to a ninety cent tax unless a higher rate is sanctioned by the voters at a special election.

The new tax rate is being asked for a three year period to take care of school building needs without bonding the school district, in keeping with the "pay as you go" policy established by the board several years ago.

Principal project in the program is the \$157,000 Washington Grammar School improvement program.

### Alternate Plans

Plans have been prepared by the architectural firm of Symmes and Willard, Architect Stanton Willard last week presented alternate building plans to the board for the proposed buildings depending upon what portions of the grounds are used for classroom and auditorium.

Should the tax plan be successful at the polls, the money will be used to finance the construction of an industrial art unit and laboratories for the Emerson School as well as the Washington School work. The remainder of the funds will be used to pay, in part, for additions made to the Horace Mann School this year. The balance due for this work is approximately \$35,000, the board announced.

## GRIFFITH CO. LOW ON KERN SPAN, GRADING; FORDE BIDS NAPA WORK

SACRAMENTO, June 23.—Low bids aggregating more than \$265,000 were received here today by the State Highway Commission on five contracts for work in Kern, Napa and Lassen counties.

Largest of the projects involves grading and surfacing about 5.5 miles and constructing a bridge in Kern county between Maricopa and Taft. For this contract, Griffith Co., 502 Los Angeles Railway building, Los Angeles, submitted a low bid of \$128,573.

Second and third low bidders, respectively, were A. Teichert and Son, Sacramento, at \$133,640, and George K. Thompson & Co., Los Angeles, at \$138,793.

Proposals on the project were received by the commission from fourteen contractors.

### Napa Project

For applying crusher run base, plant mixed surfacing and constructing shoulders on about 4.7 miles in Napa county, low bidder was E. A. Forde, 640 Sir Francis Drake boulevard, San Anselmo, with a proposal of \$48,104.

Second and third low bidders for the Napa county job were Jones & King, Hayward, at \$48,150; and Charles L. Harney, San Francisco, at \$48,850. The work is located between Napa and the westerly boundary.

George Pollock Co., P. O. Box 903, Sacramento, submitted a low proposal of \$38,227 for surfacing with crusher run base and applying penetration oil treatment on about 14.2 miles in Lassen county, between Termo and Madeline.

For this contract, J. A. Casson of Hayward, was second low bidder at \$44,265; and A. Teichert & Son, Sacramento, submitted the third low figure at \$44,418.

### Kern Surfacing

Piazza & Huntley, 296 N. Sixth street, San Jose, were low bidders at \$37,931 for constructing bore and surfacing with plant - mixed surfacing on about 5.5 miles in Kern county between Rosedale and Route 141.

Union Paving Co., San Francisco at \$40,445, was second low bidder, while third low figure was submitted by Oswald Bros., Los Angeles, at \$41,860.

Eight bids were received for grading and applying road - mix surfacing on about 2.8 miles at Rademacher, Kern county. Lowest bidder was Basch Bros., 20530 S. Normandie avenue, Torrance, at \$13,495.

Second and third low figures were: Young & Son Co., Ltd., Berkeley, \$14,896; and M. J. Ruddy, Modesto, \$15,905.

(For complete bids on all projects, together with unit prices, see Advance Report section today.)

Shipments of galvanized range boilers during the first two months of 1937 amounted to 210,530 units, as compared with shipments totalling 139,650 for the same period in 1936, the Bureau of Census reports.

## ALTAMONT PASS CONTRACT LET TO S. F. FIRM

### Highway Commission Awards Jobs Aggregating More Than Million

(Special to Daily Pacific Builder)  
SACRAMENTO, June 21—Seven contracts for work costing more than \$1,148,542, in the aggregate, today were awarded by State Highway Engineer C. H. Purcell of the Division of Highways.

To Granfield-Farrar & Carlin of San Francisco, at \$848,193.40, went the contract for grading and surfacing in the Altamont Pass. The work consists of grading and surfacing with crusher run base about 8.4 miles of highway in Alameda county, between Greenville and Mountain House.

Fourteen firms submitted bids for the job. The second lowest bidder was Fredrickson and Watson and Fredrickson Brothers, and Heafey-Moore Company, at \$850,299.05. A. Teichert and Son, Inc., of Sacramento, at \$872,356.25 were third lowest bidders.

The second largest job for which contracts were awarded today, was for grading and surfacing with asphaltic concrete portions of about seven miles of roadway in Glenn county between Willows and Artois. The contract went to N. M. Ball Sons, Albany, at \$193,698.

### Del Norte Bridge

F. O. Bohnett, Campbell, at \$50,644.50, was awarded contract for the construction of a reinforced concrete bridge across Myrtle Creek, about ten miles north of Crescent City. The bridge will consist of eighteen 15-foot slab spans on an open spandrel arch and concrete bents and abutments. Grading and treating with asphalt of about 0.24 mile of approach roads is included in the contract.

To the Southern California Roads Company, Los Angeles, at \$26,244, Purcell awarded contract for highway improvements in Los Angeles and Orange counties, at various locations in District VII. The contract calls for applying road-mix surface treatment to about 33.3 miles of shoulders.

### Armor Coat Job

For placing crusher run base and applying armor coat to about 2.4 miles of highway between Sausal and Dublin, Piazza and Huntley of San Jose, were awarded the contract at the bid price of \$14,847.50.

Contracts were awarded for two minor jobs. The awards were: to Harold Smith, St. Helena, at \$10,254.50, contract for about 3.3 miles surfacing with imported surfacing material and applying penetration oil treatment, and installing underdrains in Napa county, between the summit of Mt. St. Helena and northerly boundary; and to Basch Brothers, Torrance, at \$106,000, contract for grading and treating with liquid asphalt (road-mix method) 0.5 mile of highway in Kern county, near Inyokern.

## PLAN FOR REAL ESTATE BOARDS' MEET ANNOUNCED

### Annual Convention in Pitts- burgh Will Include New Features

Plans being made for the annual convention of the National Association of Real Estate Boards at Pittsburgh in October have been announced by association officials.

The tentative schedule includes two features that are unique in national convention programs of the association:

(1). A special program running through the week devised to "siphon to the man who does a general real estate business the most practical help than can be found for the business conditions he is now entering." This program for the general real estate office will run parallel to sessions for real estate specialists. It will draw from the ideas and experience developed by the association's specialized institutes and divisions.

### Open Afternoon

(2). An afternoon left open mid-week of the convention sessions. This break will give unusual opportunity for inspection of Pittsburgh real estate problems and achievements, and for sight-seeing tours. The Pittsburgh Real Estate Board as convention host has already begun plans to show visiting delegates on this free afternoon phases of the city's development of special interest from a real estate viewpoint.

With Paul E. Stark, Madison, Wis., president of the association in the chair, general sessions of the convention will open Wednesday morning, October 20. The business program will close Friday, October 22.

At the general sessions on Wednesday, election of officers for the coming year will be held. These officers-elect will be installed the following January.

Preliminary meetings of executive boards will precede the convention. Most important of these are meetings of the executive committee and the board of directors of the association, to be held on Tuesday, October 19.

Deep well water system shipments in April amounted to \$275,787, the Bureau of the Census reports, as compared with \$180,341 in March.

## U. S. Structural Steel Industry Prepared To Meet Increased Demand, Iden Reports

In contrast to European steel producers, the fabricated structural steel industry in the United States has a capacity to meet promptly a much larger demand for its output than that existing at present, the Sixth International Conference on Steel Development was told yesterday.

The report on the American industry was submitted over the signature of Secretary V. G. Iden of the American Institute of Steel Construction.

The Conference draws representatives from England, France, Germany, Holland, the United States, and other steel producing countries of the world. The opening session of the Conference was held today in Duesseldorf, Germany. After viewing the Craftsmanship Exposition, the Conference will be adjourned on Wednesday to Paris, where it will continue in session through June 25.

The report of the American Institute of Steel Construction follows, in part:

### Volume Gaining

"Coincident with the announcement of the Government of the United States that it will exercise greater economy and greatly curtail expenditures for public works, the structural steel industry is facing a decided improvement in the volume of business.

"The volume of business of this industry during the past year has approximated fifty-seven per cent of normal (normal being the average annual volume for the years 1928 to 1931, inclusive). The shipments of our industry during the three months of 1937 were nineteen per cent larger than the shipments for the same three months of 1936, while the bookings for these same three months were nine per cent larger than the bookings of the same period last year. The apparent hesitancy in future business results from buyer's apprehensions over prices which have been advancing constantly in recent months.

"During 1936 the structural steel fabricating industry produced over 1,600,000 tons of fabricated structural steel. Thirty-seven per cent of the total went into bridges, including railway as well as highway bridges. Twenty-five per cent went into buildings—governmental, institutional and commercial. A little better than twenty-two per cent went into the erection of new industrial plants. The year 1936 was very active in that direction.

### Small Projects

"Only about three per cent of the fabricated structural steel sold in 1936 is known to have gone into engineering projects. The remainder, approximately thirteen per cent, constituted those odd jobs, all under fifty tons each, that are difficult to classify. In that miscellaneous group are grade crossing projects, repairs and extensions to plants, etc.

"From the point of view of the industry the past year may be considered very happy. It showed

a decided revival of business, insofar as volume is concerned. It also showed that the market for our product is not dependent upon public work appropriations. Bridge building is primarily a local problem. And bridge building is indicative of the trend of traffic problem. It has grown to dominating importance within the past decade. We have reasons to expect that it will become of even greater importance in the next few years ahead.

"Our Institute has now completed its test on the effect of wind on tall buildings which has been in progress during recent years. We have dismantled our equipment used in this work on the Empire State Building at New York City. The test results, covering wind velocities, wind direction, negative and positive pressures recorded on the 33rd, 55th and 75th floors, sway of the tower and wind stresses in tower columns and girders, have been studied and a paper on this will probably be published this fall.

### Stress Distribution

"The Institute also has been interested in promoting a study of the stress distribution in rigid frame knees. This study has progressed to the point where preliminary investigations of two test specimens, one with the angular knee and the other with the curved knee, have been completed.

"A fully welded test specimen designed similar to specimen No. 1, except that the latter was riveted, has been built and is being tested now. The check tests will be correlated with the tests already made on the riveted specimen.

"A set of six small-scale Bakelite models have been built and are being photo-elastically investigated, and it is hoped that a relationship of stress behavior between these six models and the two full sized steel specimens can be established.

"In addition, we are interested in the testing of full frame models of about half the size (for span) of the first two full sized models studied. This additional program may eventually involve the testing of two or three full frames connected by bracing and a floor system.

### Tests Completed

"Tests have been completed of stress behavior in hattle - deck bridge floors and the final report is now being written. It probably will be available this fall.

"In connection with the gross area method of designing plate girders, a test program has been established to show the complete

### ADVERTISE PEARL HARBOR DREDGING

Development of the Pearl Harbor navy base this week advanced further toward completion as the Navy Department's Bureau of Yards and Docks invited bids for dredging in the harbor, to cost an estimated \$1,000,000. Bids on the large dredging contract will be opened in Washington July 14.

Proposals also will be opened the same day for crane-dredge and diesel-electric generating equipment to be installed on pontoons at the Navy Yard in Pearl Harbor.

## Vibrating Increases Pavement Strength, Says Bureau Report

Vibrating the concrete in a pavement as it is laid increases the strength ten per cent, according to a report by the Bureau of Public Roads of the U. S. Department of Agriculture, or, by vibrating, ten per cent less cement can be used, and the same strength maintained. Vibrators work on somewhat the same principle as those used in giving beauty treatments.

The report gives the results of an investigation recently conducted at Arlington, Va. Two hundred and seventy slabs of pavement, each 10 feet wide and 8 feet long, were constructed and tested. Four different types of vibrating equipment were used, their speeds varying from 3,600 to 4,000 revolutions per minute.

### Standard Methods

Slabs of similar composition were placed and finished by standard methods without vibration. Thus, differences in the strengths and physical properties were directly attributable to vibration. In every instance it was found that vibration increased the strength and density and decreased the amount of "honeycomb," or air pockets.

To investigate the effects of vibration further, the quantities of aggregates, cement, and water were varied in slabs finished by the vibration method, and their properties were compared with those of nonvibrated slabs. Slabs 7 and 10 inches thick were placed, and the effects of surface vibration were found to extend entirely through both.

The report, published in the April 1937 issue of Public Roads, describes ways in which existing specifications for pavement concrete can be modified to utilize vibration to advantage.

stress distribution in all parts of riveted plate girders.

"We have also under discussion the possibility of a series of tests to commence this fall whereby the behavior of flanged and webbed splices in riveted plate girders will be investigated."

## APPROVAL DUE ON APPRENTICE TRAINING PLAN

Bill Awaits Merriam Signature;  
Carries a \$25,000  
Allotment

By HARRY SPALDING

Passed by the Assembly and Senate, the State bill for voluntary apprenticeship which incorporates the apprentice training plan into the State Labor Code and provides for an appropriation of \$25,000 to carry out the provisions of the act, this week awaited action by Governor Frank F. Merriam.

The proposed bill has received the endorsement of the Associated General Contractors of America, and practically all labor and employer organizations interested in the advancement of youth welfare, according to Secretary Archie J. Mooney of the California Committee on Apprentice Training.

"The bill incorporates in the State labor laws the principles of the Apprentice Training Plan," Mooney said. "The plan is well underway in San Francisco and other portions of California."

### Apprenticeship Council

The bill provides that the Director of Industrial Relations shall appoint an Apprenticeship Council composed of three representatives each from employer and employee organizations, respectively, and of two representatives of the general public. Also, the State official who has been designated by the State Board of Education as being in charge of trade and industrial education shall be a member of the council, ex-officio.

The Apprenticeship Council shall meet at the call of the Director of Industrial Relations and shall aid him in formulating policies. It shall meet quarterly to establish labor standards for apprentices.

Under the terms of the bill, an Administrator of Apprentices is to be appointed who will act as secretary of the council, and follow out the orders of the council.

Other portions of the bill are:

### Training Provisions

"All training provisions shall conform to the requirements of the Federal and State vocational education acts and the California Plan for Vocational Education.

"A local joint apprenticeship committee shall be selected by the employer and employee organizations, in any trade or group of trades in a city or trade area, whenever the apprentice training needs of such groups justify such establishment. Such committees shall be composed of an equal number of employer and employee representatives, and one representative selected by the local board of education and subject to the approval of the Apprenticeship Council.

"When four or more local joint apprenticeship committees have been established in the State for

## A.S.M.E. to Elect Officers by Letter Vote in September

Election of officers for the American Society of Mechanical Engineers, to serve during 1938, will be held by letter ballot of the membership, closing September 28, it was announced this week.

Nominees, as presented by the regular nominating committee of the society during the recent semi-annual meeting at Detroit, are:

President: H. N. Davis, President, Stevens Institute of Technology, Hoboken, N. J.

Vice-president to serve one year: F. O. Hoagland, master mechanic, Pratt & Whitney division, Niles-Bement-Pond Co., Hartford, Conn.

Vice-presidents to serve two years: W. H. McBryde, consulting engineer, 1111 Financial Center building, San Francisco;

Dean at Louisville

B. M. Brigman, Dean, Speed Scientific School, University of Louisville, Louisville, Ky.;

Harte Cooke, mechanical engineer, McIntosh & Seymour Corp., Auburn, N. Y.;

L. W. Wallace, director of equipment research, Association of American Railroads, Chicago, Ill.;

Managers to serve three years: Carl Bausch, vice-president, Bausch & Lomb Optical Co., Rochester, New York;

S. B. Earle, dean of the School of Engineering, Clemson A. & M. College, South Carolina;

F. H. Prouty, partner, Prouty Bros. Engineering Co., Denver.

a trade or group of trades, or at the request of any trade or group of trades, there may be organized a State Joint Apprenticeship Committee for such trade or group of trades, composed of an equal number of employer and employee organizations."

### Committee Functions

The functions of this committee are to coordinate activities of local committees; specify graduated scales of wages for various localities; specify the appropriate current ratio of apprentices to journeymen, and make recommendations for the general welfare of the movement.

An apprentice is defined as a person not less than 16 years of age entering into a written agreement with an employer or association of employees which provides for not less than 2,000 hours of reasonably continuous employment in a manner approved by the act.

The act outlines the form for apprentice agreements, and provides for the manner of indenture.

The final section of the act reads:

"The sum of twenty-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any moneys in the State treasury not otherwise appropriated to carry out the provisions of this act during the 89th and 90th fiscal years."

## PRODUCTION OF LUMBER GAINS IN CALIFORNIA

Forest Service Survey Shows  
21.2 Per Cent Increase  
Over '35 Total

Lumber production in California for 1936 continued its rise from the low of 1932 with a gain of 21.2 per cent over 1935, according to a preliminary summary of data compiled for the Census Bureau by the U. S. Forest Service.

According to a statement by L. M. Bean of the California Forest and Range Experiment Station and special agent of the Census Bureau the total cut for the State last year was 1,189,849,000 board feet in the pine region and 453,676,000 in the redwood region, for mills with a total cut of 50,000 board feet or over. Small mills producing less than this amount cut 834,000 board feet bringing the total lumber cut in California for 1936 to 1,644,359,000 board feet.

This is only 75 per cent of the peak production in 1936, but was 241 per cent of the low in 1932. Percentages of increase were almost equally divided between the redwood and the pine regions, the former gaining 22.4 per cent and the latter 20.7 per cent over 1935.

### Pine Region Leads

The pine region continues to produce nearly three quarters of California's lumber with ponderosa pine the principal species forming 46.1 per cent of the total cut. Redwood forms 24.5 per cent of the State's lumber cut and sugar pine 13.6 per cent.

Late returns may change final summary figures in the published report of the Bureau of the Census. Returns from 95 per cent of California operators give the cut for the large mills as follows:

	FBM
Lodgepole pine .....	129,000
Ponderosa pine .....	765,950,000
Sugar pine .....	224,290,000
White fir .....	76,111,000
Douglas fir .....	147,779,000
Incess cedar .....	32,597,000
Redwood .....	402,711,000
Spruce pine .....	2,454,000
Oak .....	2,900
Other species .....	502,000

## WORKS DIRECTOR IS BACK AFTER ILLNESS

Director William H. Worden of the San Francisco Department of Public Works yesterday returned to his desk following an absence of several weeks during which he underwent a major operation in a local hospital. Deputy Director S. J. Hester assumed the position of acting director while Mr. Worden was away.

New orders for steel boilers taken during the first three months of 1937 total 2,782, a substantial increase over the total of 1,933 for the same period in 1936, the Bureau of Census reports.

## REA Administrator Opposes Charges for Modernizing Old Style Telephone Lines

Rural Electrification Projects should not be saddled with the cost of modernizing out-of-date rural telephone lines where the construction of new electric distribution systems may produce inductive interference in telephone circuits, Administrator John M. Carmody of Rural Electrification declared yesterday.

Outlining the administration's stand, an REA bulletin declared:

"Claims of operators of old-fashioned telephone systems against R. E. A. borrowers recently have increased markedly. In a number of states these claims for compensation to cover the cost of modernizing the telephone systems have attained proportions which threaten the feasibility of rural electrification projects, Mr. Carmody said. If the claims are met, some projects may have to be abandoned, and the farmers will be left without electric service. In one case in Wisconsin an independent telephone company claimed \$6,008 from a project as compensation for expenses incurred in modernizing its system to eliminate inductive interference. This claim was, of course, disallowed.

### Physical Changes

"These claims for metallizing telephone circuits are entirely separate from claims for physical changes made necessary in the telephone lines—moving poles, relocating lines, cross-overs, and so on. Such claims may, of course, be entirely proper. In the Wisconsin case in which the \$6,008 claim for inductive interference was turned down, a claim of \$267.00 for physical changes was approved by REA.

"Other states in which the problem is most acute include Iowa, where REA has deemed it necessary to disapprove a number of proposed contracts, Oklahoma and Texas. It is understood that the same problem is arising in a number of other states, particularly in the central and western parts of the country. Some states, notably Wisconsin, have declared that a telephone company is not entitled to compensation unless it is experiencing inductive interference in spite of having a modern up-to-date system. A one-wire system with a ground return is not regarded as up-to-date even in cases where such systems are maintained in good physical condition.

"We cannot recognize the feeling which some telephone companies seem to have that their prior occupancy of a public highway entitles them to collect the cost of modernizing old-fashioned, 1-wire telephone systems from later occupants of the same public highway", Mr. Carmody declared in letters to state officials and REA borrowers affected by this question.

### Methods for Correction

"If inductive interference in the form of a hum is experienced in a one-wire system which uses the ground as a return, it can be corrected by installing a second wire and the necessary repeaters, and consolidating for the distance where parallelers occur. Frequently,

out-of-date, one-wire systems are in such a poor state of repair that installing a second wire is likely to involve renewing the poles and the first wire. In the past, attempts have been made to charge REA borrowers for a whole new telephone line. Lately, however, the claim has most usually been confined, as in the Wisconsin incident, to the cost of materials necessary to install a metallic return circuit.

"We would not be living up to our responsibilities under the Rural Electrification Act if we permitted projects to shoulder burdens which we do not think they should properly be asked to bear and which if accepted might easily jeopardize the project's ability to repay the Government loan or, alternatively, force us to refuse to make a loan in the first place", Mr. Carmody said. He added that this view is supported by the trend of court decisions and commission rulings over the country."

## Highway Travel Gains Reported

The average American motorist today drives nearly twice as far every year as he did a decade and a half ago, reports the California State Automobile Association in a statement reviewing results of a nationwide survey.

"This finding," the statement said, "is based upon reports indicating that the average automobile today uses 671 gallons of gasoline each year as compared with 394 gallons a year in 1925.

"Fourteen years ago the average motorist spent about \$87 a year on gasoline for his car, whereas today the average expenditure is approximately \$130 per year for gasoline.

"The increase in cost of gasoline per year is accounted for not only by more gallonage, but also by the constantly mounting rate of taxation on gasoline. In 1925, the average motorist paid only \$4.37 in gasoline taxes. By 1929 the average gasoline tax per vehicle had risen to \$17.71, and today it is more than twice the 1929 level, averaging \$35.90 per year.

"It appears certain that the average annual mileage traveled is increasing even more rapidly than gasoline consumption figures indicate for there is a higher percentage of light cars on the road today than at any time in the past seven years."

## BUREAU AWARDS CONTRACTS FOR WORK ON CANAL

### New River Siphon, Three Highway Bridges, Canal Turnouts Let By Ickes

Secretary of the Interior Harold L. Ickes last week announced the award of two contracts for the construction of the New River Siphon, three highway bridges and two canal turnouts near Calexico, Calif., on the All-American Canal.

The first contract, for construction of the inlet and outlet works of the siphon and the smaller structures, was awarded to Sharp & Fellows Contracting Company of Los Angeles, on its bid of \$269,721.20. The second contract, covering fabrication and installation of the steel plate barrel of the siphon which will be 15 feet, six inches in diameter and 508 feet long, was awarded to the Southwest Welding & Manufacturing Company of Alhambra, California, on its offer to fabricate, transport and install the giant pipe for \$110,775.95.

### Lowest Bids

The successful bids were the lowest in each instance of fourteen proposals received and opened by the Bureau of Reclamation May 7, at its Yuma, Arizona, office.

The New River Siphon will carry the All-American Canal across the gorge of New River, slashed in the floor of the Imperial Valley in 1905-1906 when the Colorado River broke its banks during a flood and all but destroyed the below-sea-level valley. It is one of the principal structures along the All-American Canal, America's biggest irrigation ditch.

The contracts require the successful bidders to begin work in thirty days after receiving notice to proceed and to complete the job in 600 calendar days thereafter.

## BROILER, GRID IN SINGLE ATTACHMENT

The multi-purpose cooking unit announced recently by Westinghouse for use with its rectangular roaster, enables the roaster to do a complete cooking operation including a cycle of roasting, baking, broiling, stewing, toasting, grilling and frying, according to a bulletin of the firm.

The Broiler Grid consists of an adjustable rack with a 1,620-watt heating element designed to provide uniform heat over the entire cooking surface and a reflector with grille top made of an aluminum alloy. The cooking surface is greater in area than the standard size skillet so that larger batches of food may be prepared, or larger single portions, at the will of the cook.

Galvanized range boiler production in April totaled 80,333 units, the Bureau of the Census reports, as compared with 65,773 units in the corresponding month last year.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
105	R. C. Archbishop	Eaton	2000
106	Pellicano	Owner	1250
107	Reynolds	Cuthbertson	1700
108	Lester	Hogrefe	6000
109	Texas	Owner	5000
110	Union	Stolte	4000
111	Bustamante	Owner	1500
112	Coggins	Owner	1000
113	Trommer	Van Aalst	1000
114	C. Anderson	Berwick	4000
115	N. Anderson	Owner	4000
116	Bana	Andrew	1200
117	Berwick	Owner	4000
118	Bothin	Phoenix	1000
119	Gonzales	Salomon	1400
120	Home	Owner	10000
121	Larkina	Owner	3000
122-26	Meysner	Owner	3500
127	New	Moret	10000
128	Roberts	Hinson	1875
129	Schmitt	Owner	3000
130	Schwartz	Owner	3500
131	Quinn	Lindberg	2700
132	Vallier	Miller	5000
133	Williams	Jenkins	1000
134	Baker	Owner	4000
135	Calif. Evergreen	Oliva	10000
136	Hammerberg	Owner	4000
137	Hammerberg	Owner	4000
138	Johnson	Westerlund	1000
139	Napa	Lyons	2000
140	Schmidt	Owner	3250
141	U. C.	Johnson	4000
142	Allan	Rahman	2000
143	Baldauf	Strate	3000
144	Doelger	Owner	5000
145	Standard	Owner	3500
146	Windt	Owner	6000

### ALTERATIONS

(105)	E NINTH AVE. bet. Geary and Clement Sts. Alter building foundations for playground.		
	Owner—Roman Catholic Archbishop of S. F., 1100 Franklin Street.		
	Contractor—Eaton and Smith, 715 Ocean Avenue.		
	Architect—John F. Foley, 770 Fifth Avenue.		\$2,000

### GREENHOUSE

(106)	N HANOVER 10 E Gutterberg One - story frame greenhouse.		
	Owner and Builder—Frank D. Pellicano, 201 Gutterberg.		
	Architect—Not Given.		\$1250

### ALTERATIONS

(107)	230 SANTA CLARA Alter dwelling.		
	Owner—Dr. B. A. Reynolds, prem.		
	Contractor—Thos. Cuthbertson, 430 Noriega Street.		
	Architect—F. E. Lloyd, 360 Pine St.		\$1700

### DWELLING

(108)	W. BEAUMONT, 104 N OF TURK. One-story frame dwelling.		
	Owner—N. Lester, c/o Contractor.		
	Contractor—Herman C. Hogrefe, 359 24th Ave.		
	Architect—Conrad Kett, Clunie Bldg		\$6000

### SERVICE STATION

(109)	SW CALIFORNIA & ARGUELLO. One-story steel service station.		
	Owner—The Texas Co., Hearst Bldg.		
	Architect—Not Given.		\$5000

### ALTERATIONS

(110)	NW FOLK & GEARY. Alter service station.		
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Owner—Union Oil Co., 67 New Montgomery.  
 Contractor—F. C. Stolte Co., 1405 San Antonio, Alameda.  
 Architect—Not Given. \$2300

### MOVE DWELLING

(111)	W. ELLSWORTH, 125 N OGDEN. Move dwelling from 154 Dorland to location given below.		
	Owner—Aristides Bustamante, 33 Rondell Place.		
	Architect—Not Given.		\$1500

### ALTERATIONS

(112)	728 COLE. Alter flats.		
	Owner—S. M. Coggins, Prem.		
	Architect—Not Given.		\$1000

### ALTERATIONS

(113)	2315 MISSION. Alter stores.		
	Owner—Reinhol Trommer, 720 3rd Ave.		
	Contractor—B. Geo. Van Aalst, 401 West Portal.		
	Architect—Not Given.		\$1000

### DWELLING

(114)	W. 31ST AVE., 325 S JUDAH. One-story frame dwelling.		
	Owner—Christian Anderson, 146 Granville.		
	Contractor—A. Berwick, 1525 Noe.		
	Architect—Not Given.		\$4000

### DWELLING

(115)	E. 31ST AVE., 250 N TARAVAL. One-story frame dwelling.		
	Owner—N. W. Anderson, 2427 24th Ave.		
	Architect—Not Given.		\$4000

### ALTERATIONS

(116)	326 JULES. Alter dwelling.		
	Owner—C. Bana, Prem.		
	Contractor—V. Andrew, 601 Foerster.		
	Architect—Not Given.		\$1200

### DWELLING

(117)	NE CAYUGA AN DLAMARTINE. One-story frame dwelling.		
	Owner—A. Berwick, 1525 Noe.		
	Architect—Not Given.		\$4000

### ALTERATIONS

(118)	500 HOWARD. Alter offices.		
	Owner—Bothin Real Estate Co., 604 Mission.		
	Contractor—Phoenix Simpton Co., 520 6th St.		
	Engineer—Norman Green, 55 New Montgomery.		\$1000

### REPAIRS

(119)	1317 CHURCH. Repair fire damage to flats.		
	Owner—Mrs. Gonzales, c/o Contractor.		
	Contractor—L. Salomon, 1734 Broderick.		
	Architect—Not Given.		\$1400

### DWELLING

(120)	SE JACINTO AND SAN FELIPE. Two-story frame dwelling.		
	Owner—Home Bldg. Service Co., 101 Post.		
	Architect—Mark Daniels, 101 Post.		\$10,000

### DWELLING

(121)	E COILINGWOOD, 250 S 20TH ST. One-story frame dwelling.		
	Owner—A. H. Larkins, Jr., 339 Colingwood.		
	Architect—Not Given.		\$3000

### DWELLING

(122)	N TERESITA, 150 E VERNA. One-story frame dwelling.		
	Owner—Meyer Bros., 735 Portola.		
	Architect—Not Given.		\$3500

### DWELLING

(123)	N. TERESITA, 125 E VERNA. One-story frame dwelling.		
	Owner—Meyer Bros., 735 Portola.		
	Architect—Not Given.		\$3500

### DWELLING

(124)	N. TERESITA, 200 E VERNA. One-story frame dwelling.		
	Owner—Meyer Bros., 735 Portola.		
	Architect—Not Given.		\$3500

### DWELLING

(125)	N. TERESITA, 175 E VERNA. One-story frame dwelling.		
	Owner—Meyer Bros., 735 Portola.		
	Architect—Not Given.		\$3500

### DWELLING

(126)	N. TERESITA, 100 E VERNA. One-story frame dwelling.		
	Owner—Meyer Bros., 735 Portola.		
	Architect—Not Given.		\$3500

### DWELLING

(127)	W. JEFFERSON, 167 N BALSSEN. Two-story frame dwelling.		
	Owner—Wm. A. and Christine Newsum, c/o Contractor.		
	Contractor—Villa Moret, Inc., 703 Market.		
	Architect—Not Given.		\$10,000

### REPAIRS

(128)	324 MAPLE. Repair fire damage to dwelling.		
	Owner—J. C. Roberts, 310 Tehama.		
	Contractor—L. A. Hinson, 756 4th Ave.		
	Architect—Not Given.		\$1875

### DWELLING

(129)	W. MADISON, 102 S SILVER. One-story frame dwelling.		
	Owner—G. A. Schmitt, 69 Madison.		
	Architect—Not Given.		\$3000

### DWELLING

(130)	E. 47TH AVE., 175 N RIVERA. One-story frame dwelling.		
	Owner—S. A. Schwartz, 305 Grant.		
	Architect—C. O. Clausen, 746 46th Ave.		\$3500

### ALTERATIONS

(131)	2447 FRANCISCO ST. Alter dwelling.		
	Owner—Dr. F. B. Quinn, Prem.		
	Contractor—C. Lindberg, I Naylor.		
	Architect—Otto G. Hintermann, 74 New Montgomery.		\$2700

### DWELLING

(132)	W. BENTON, 340 N ALEMANY. One-story frame dwelling.		
	Owner—Vernon Vallier, 3901 Mission.		
	Contractor—Miller Constr. Co., 3917 Mission.		
	Architect—Donnell E. Jaekle, 126 Post.		\$5000

### ALTERATIONS

(133)	465 ROOSEVELT. Alter dwelling.		
	Owner—E. A. Williams, Prem.		
	Contractor—R. J. Jenkins, 44 Short.		
	Architect—Not Given.		\$1000

### ALTERATIONS

(134)	885 FULTON ST. Alter flats.		
	Owner—Sam Baker, Prem.		
	Architect—Not Given.		\$4000

### DWELLING

(135)	SE ATEMANY BLVD. AND ST CHARLES. One-story and basement frame dwelling.		
	Owner—Calif. Evergreen Nurseries, 4521 Mission St.		
	Contractor—John Oliva, Vienna.		
	Architect—Not Given.		\$10,000

DWELLING  
(136) W. 14TH AVE., 100 S ULLOA.  
One-story and basement frame  
dwelling.  
Owner—J. C. Hammerberg, 891 27th  
Ave.  
Architect—Not Given. \$4000

DWELLING  
(137) W. 14TH AVE., 225 S ULLOA.  
One-story and basement frame  
dwelling.  
Owner—J. C. Hammerberg, 891 27th  
Ave.  
Architect—Not Given. \$4000

ALTERATIONS  
(138) 2974 ARMY ST. Alter dwell-  
ing.  
Owner—John Johnson, 2974 Army  
Street.  
Contractor—J. V. Westerlund, 2355  
28th Ave.  
Architect—Not Given. \$1000

ALTERATIONS  
(139) 530 FOLSOM. Alter ware-  
house.  
Owner—Napa and Sonoma Wine Co.,  
243 Fremont St.  
Contractor—W. E. Lyons Constr. Co.,  
2009 Pacific Ave., Alameda.  
Architect—Not Given. \$2000

DWELLING  
(140) W. CHATTANOOGA, 100 N  
24TH ST. One-story and base-  
ment frame dwelling.  
Owner—Walter J. Schmidt, 405-A  
Precita Ave.  
Architect—Not Given. \$3250

ALTERATIONS  
(141) 130 SUTTER ST. Alter office  
building.  
Owner—Univ. of California, Berke-  
ley.  
Contractor—J. Harold Johnson, 666  
Mission.  
Architect—Not Given. \$4000

CATTLE SHED  
(142) E FAIRFAX AVE. bet. Men-  
del and 3rd Sts. One-story frame  
cattle shed.  
Owner—Jas. Allan and Sons, Evans  
Ave. and Third St.  
Contractor—H. E. Rahlmann Co., 251  
Keamy Street.  
Architect—Not Given. \$2,000

ALTERATIONS  
(143) 277 EDGEWOOD AVE. Alter  
dwelling.  
Owner—Eldon Baldauf, premises.  
Contractor—Adolph Strate, 190 Mo-  
neta Way.  
Architect—Not Given. \$3,000

DWELLING  
(144) E 16th AVE., 247 S Ortega.  
One-story and basement frame  
dwelling.  
Owner and Builder—Henry Doelger  
Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$5,000

DWELLING  
(145) W 4th AVE., 175 S Kirckham  
One-story and basement frame  
dwelling.  
Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

ALTERATIONS  
(146) 239 JEFFERSON ST. Alter  
warehouse.  
Owner—Henry Windt, 2739 Taylor.  
Architect—Herzka & Knowles, 369  
Pine Street. \$6,000

74 Kennedy  
75 Megor  
76 Olsen  
77 J. J. Van  
78 Whittle  
79 Haaf  
80 Haaf  
81 Haaf  
82 Giles  
83 J. J. Van  
84 Connor  
85 Flagg  
86 Hammer  
87 Koenig  
88 Salmon  
89 Wiener  
90 Wright  
91 Elec. Prod.  
92 Evans  
93 Netherby  
94 St. Martin  
95 Eddington  
96 Higgins  
97 Hogstrom  
98 La Barraque  
99 Minney  
100 Pacini  
101 Scammell  
102 Van Horn  
103 Kowal  
104 Phila.  
105 Smit  
106 Atkinson  
107 Calif. Wire  
108 Cane  
109 City Oak  
110 Frigueria  
111-Guenter  
112-Larmer  
113 Larmer  
114 Libby  
115 Owens  
116 Pollard  
117 Jenny  
118 Waugh  
119 Anders  
120 Confer  
121 Finger  
122 Hannav  
123 Hill  
124 Hoy  
125 McChesney  
126 Malden

Waldman 2500  
Jensen 2350  
Peterson 7000  
Van Bokkelen 1000  
Shaw 4250  
Windsor 9500  
Windsor 9750  
Windsor 9500  
Teigland 5800  
Farka 1000  
Jensen 1000  
Owner 4000  
Auliler 2500  
Nichols 3850  
White 1000  
Owner 2500  
Owner 6000  
Pedgrift 2800  
Sprout 5000  
Netherby 5000  
Ringeltaube 2450  
Owner 4200  
Woolley 4250  
Owner 2000  
Coburn 2000  
Johnson 3000  
Daneri 7000  
Owner 5000  
Hill 3200  
Rose 1000  
Christiansen 1500  
Owner 3500  
Pickrell 10000  
Briatol 2000  
Owner 3100  
Norris 4845  
Rose 1000  
Windsor 10000  
Owner 4900  
Owner 5500  
Davis 3000  
Owner 10000  
Owner 4750  
Johnson 7000  
Stead 1000  
Moen 8000  
Confer 7000  
Owner 6000  
Anderson 12500  
Owner 3500  
Davis 6000  
Owner 3000  
Jensen 11953

RESIDENCE  
(69) 104 LATHAM AVE., PIED-  
MONT. Six-room residence and  
garage.  
Owner — Arnold Grave, 224 Monte  
Vista Ave., Piedmont.  
Contractor—A. J. Beckett, 224 Scenic  
Ave., Piedmont.  
Architect—Not Given. \$7000

RESIDENCE  
(70) 220 SANDRINGHAM, PIED-  
MONT. Two-story 7-room resi-  
dence and garage.  
Owner & Builder—H. P. Fisher, 1058  
Winsor Ave., Piedmont.  
Architect—W. E. Schirmer. \$9800

DWELLING  
(71) 269 TAURUS AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner—R. E. Bringolf.  
Contractor—H. K. Jensen, 2757 Raw-  
son St., Oakland.  
Architect—Not Given. \$3,350  
Also 1-story garage, \$150.

DWELLING  
(72) 6221 ASPINWALL RD., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner and Builder—E. R. DeChene,  
361 17th St., Oakland.  
Architect—Not Given. \$4,000

DWELLING  
(73) 2126, 2126A, 2128, 2128-A 57th  
AVE., OAKLAND. Four 1-story  
3-room dwellings\*  
Architect—Not Given. \$2,265

DWELLINGS  
(74) 2126, 2126A, 2128, 2128-A 57th  
AVE., OAKLAND. Four 1-story  
3-room dwellings\*

Owner—Jos. Kennedy, 2124 57th Ave.,  
Oakland.  
Contractor — A. E. Waldman, 5409  
Foothill Blvd., Oakland.  
Architect—Not Given. \$2500 each  
Two 1-story garages, \$250 each.

DWELLING  
(75) 263 TAURUS AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner—A. R. Meyer.  
Contractor—H. K. Jensen, 2757 Raw-  
son St.  
Architect—Not Given. \$3,350  
Also 1-story garage, \$150.

STORE  
(76) 3264-68 East 14th ST., OAK-  
LAND. One-story store.  
Owner—A. C. Olsen.  
Contractor—J. B. Petersen and Son,  
4021 Agua Vista Ave. \$7,000  
Architect—Not Given. \$7,000

REPAIRS  
(77) 16 LINDA AVE., OAKLAND.  
Fire repairs.  
Owner—E. G. Troy, 219 41st Street,  
Oakland.  
Contractor—W. K. Von Bokkelen, 419  
23rd St., Oakland.  
Architect—Not Given. \$1,000

DWELLING  
(78) 5400 RUTH ST., OAKLAND.  
One-story 5-room dwelling.  
Owner—Thomas Whittle, 2721 55th  
Ave., Oakland.  
Contractor—Melvin C. Shaw, 1397 E.  
27th Street.  
Architect—Not Given. \$4,250  
Also garage, \$150.

DWELLING  
(79) 1739 SPRUCE ST., BERKE-  
LEY. Two-story 10-room frame  
dwelling.  
Owner—H. J. Haaf, 1780 Arch St.,  
Contractor—Geo. Windsor, 11 Sharon  
Ave., Piedmont.  
Architect — Irwin M. Johnson, 2217  
7th Ave., Oakland. \$9,500

DWELLING  
(80) 1749 SPRUCE ST., BERKE-  
LEY. Two-story 10-room frame  
dwelling.  
Owner—H. J. Haaf, 1780 Arch St.,  
Contractor—Geo. Windsor, 11 Sharon  
Ave., Piedmont  
Architect — Irwin M. Johnson, 2217  
7th Ave., Oakland. \$9,750

DWELLING  
(81) 1759 SPRUCE ST., BERKE-  
LEY. Two-story 10-room frame  
dwelling.  
Owner—H. J. Haaf, 1780 Arch St.,  
Contractor—Geo. Windsor, 11 Sharon  
Ave., Piedmont.  
Architect — Irwin M. Johnson, 2217  
7th Ave., Oakland. \$9,500

DWELLING  
(82) 850 CRAGMONT AVE., BERKE-  
LEY. Two-story four-room  
frame dwelling.  
Owner—M. R. Gilles, Keith Avenue  
Contractor—C. M. Teigland, 4607 Har-  
bor Drive, Oakland.  
Architect—Fred. Reimers, 233 Post  
St., San Francisco. \$5,500

ADDITIONS  
(83) 484 KENTUCKY, BERKELEY  
Additions.  
Owner—Dr. Jeh. Prem.  
Contractor—R. F. Parks, 2104 Addi-  
son.  
Architect—Not Given. \$1000

ALTERATIONS  
(84) 1736 BROADWAY, OAKLAND.  
Alterations.  
Owner—Cannon Shoe Co., Baltimore.  
Md.  
Contractor—E. F. Jensen, 1257 20th  
Ave.  
Architect—Not Given. \$1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
69	Grave	Beckett	7000
70	Fisher	Owner	9500
71	Bingolf	Jensen	3350
72	DeChene	Owner	4000
73	Henriques	Owner	2265

- DWELLING**  
(85) 3348 HERRIAR ST. OAKLAND. One-story 5-room dwelling.  
Owner & Builder—A. J. Flagg, 3743 Loma Vista Ave.  
Architect—Not Given. \$4000
- ADDITION**  
(86) SE COR 26TH AVE. AND E. 12TH ST. OAKLAND. Addition.  
Owner—Hammer Bray Co., Prem.  
Contractor—F. A. Muller, 1416 Jefferson St.  
Architect—Not Given. \$2500
- DWELLING**  
(87) 8201 NEY AVE. OAKLAND. One-story 5-room dwelling.  
Owner—Koenig Invest. Corp., 1106 Broadway.  
Contractor—L. L. Nichols, 1106 Broadway.  
Architect—Not Given. \$3950
- ALTERATIONS**  
(88) 2501 WILBUR ST. OAKLAND. Alterations and additions.  
Owner—R. P. Salmon, 227 Parker Ave., Piedmont.  
Contractor—White & Pollard, 1723 Franklin St.  
Architect—Not Given. \$1000
- FIRE REPAIRS**  
(89) 865 ROSEMONT RD., OAKLAND. Fire repairs.  
Owner & Builder—Samuel B. Wiener, 2609 Ivy Drive.  
Architect—Not Given. \$2500
- DWELLING**  
(90) 5922 BRUNS DR. OAKLAND. Two-story 7-room dwelling.  
Owner & Builder—M. Wright, 160 Athol Ave.  
Architect—Not Given. \$6000
- ALTERATIONS**  
(91) 950 30TH ST. OAKLAND. Alterations and additions.  
Owner—Electrical Prod. Corp., 950 30th St.  
Contractor—Jas. H. Pedgrift, 518 Appagar St.  
Architect—Not Given. \$2800
- DWELLING**  
(92) 471 GRIZZLY PEAK, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—W. M. Evans, 1659 Oak View.  
Contractor, H. R. Sproul, 307 Berkeley Park Blvd.  
Architect—Not Given. \$5000
- DWELLING**  
(93) 83 ALAMO, BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—E. M. Netherby, 3853 Lyman Rd., Oakland.  
Contractor—W. L. Netherby, Prem.  
Architect—Not Given. \$5000
- DWELLING**  
(94) 1328 PARKER, BERKELEY. One-story 4-room frame dwelling.  
Owner—Marcel A. St. Martin, 1336 Parker.  
Contractor—O. E. Ringeltaue, 1498 Marin.  
Architect—Not Given. \$2450
- DWELLING**  
(95) 2439 ALIDA ST. OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Walter Eddington, 3471 Boston Ave.  
Architect—Not Given. \$4200
- DWELLING**  
(96) 3327 JOAQUIN MILLER RD. OAKLAND. One-story 5-room dwelling.  
Owner—M. J. Higgins, Prem.  
Contractor—B. F. Woolley, 3651 Fruitvale Ave.  
Architect—Not Given. \$4050
- ALTERATIONS**  
(97) 5677 SAN PABLO AVE., OAKLAND. Alterations.  
Owner & Builder—Hagstrom Food Stores, 106th Ave. and East 14th St.  
Architect—Not Given. \$2000
- (98) 1580 MADISON ST., OAKLAND. Fire repairs.  
Owner—J. P. La Barraque, 2048 Market St.  
Contractor—Ira W. Coburn, 2048 Market St.  
Architect—Not Given. \$2000
- RESIDENCE**  
(99) 2762 PARKER AVE. One-story 5-room residence.  
Owner—Minney Real Estate Co., 83d and Foothill.  
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
Architect—Not Given. \$3000
- GARAGE**  
(100) 416-18 E. 18TH ST., OAKLAND. One-story brick and concrete garage.  
Owner—Guido Facini, 404 E. 8th St.  
Contractor—Dameri & Swafford, 6515 Raymond St.  
Architect—Not Given. \$7000
- DWELLING**  
(101) 2459 CORDOVA ST., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.  
Architect—Not Given. \$5000
- DWELLING**  
(102) 1516 102ND AVE. OAKLAND. One-story 5-room dwelling.  
Owner—R. C. Van Horn, 1445 103rd Ave.  
Contractor—Hill & Son, 880 St. Mary Ave., San Leandro.  
Architect—Not Given. \$3800
- REPAIRS**  
(103) 2416 6TH, BERKELEY. Repair fire damage.  
Owner—O. Kowal, Prem.  
Contractor—A. H. Rose, 478 25th St., Oakland.  
Architect—Not Given. \$1000
- ADDITIONS**  
(104) 819 GRAYSON, BERKELEY. Additions.  
Owner—Philadelphia Quartz Co., Prem.  
Contractor—H. J. Christensen-W. E. Lyons Constr. Co., 2009 Pacific, Alameda.  
Architect—Not Given. \$1500
- RESIDENCE**  
(105) 1922 FAIRVIEW. Residence.  
Owner & Builder—J. J. Smit, Claremont and Telegraph Ave., Berkeley—Lane Apts.  
Architect—Not Given. \$3500
- DWELLING**  
(106) 5665 LA SALLE AVE., OAKLAND. Two-story 8-room dwelling.  
Owner—Helen L. Atkinson, 396 Vernon St.  
Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.  
Architect—Not Given. \$10,000
- ADDITION**  
(107) 3091 22ND AVE., OAKLAND. Addition.  
Owner—California Wire Cloth Co., Prem.  
Contractor—Mark Bristol, 1038 McKinley Ave.  
Architect—Not Given. \$2000
- REPAIRS**  
(108) 1036 60TH ST., OAKLAND. Fire repairs and alterations to apartments.  
Owner & Builder—Mary T. Cane, Prem.
- Architect—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco. \$3100
- ALTERATIONS**  
(109) OAKLAND MUNICIPAL AIRPORT. Alteration to Hangar No. 4.  
Owner—City of Oakland, Grove St. Pier.  
Contractor—Ralph E. Norris, 359 17th St.  
Plans by Port of Oakland, Grove St. Pier. \$4845
- REPAIRS**  
(110) 523 ADELINE ST., OAKLAND. Fire repairs.  
Owner—M. F. Fciguieria, Prem.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1000
- FLATS**  
(111) 955-57 SCOTT ST., OAKLAND. Two-story 10-room flats.  
Owner—Mrs. Jos. Gietner and Mrs. J. S. Moore, Prem.  
Contractor—Geo. Windsor, 11 Sharon Ave., Piedmont.  
Architect—I. M. Johnson, 2219 7th Ave. \$30,000
- DWELLING**  
(112) SOUTH HARBOR DRIVE, FOR LOTS 59-60, COLLEGE PINES. One-story 5-room dwelling.  
Owner & Builder—Edward Larmer, 90 Fairview Ave.  
Architect—Not Given. \$4900
- DWELLING**  
(113) SOUTH HARBOR DRIVE, LOTS 60-61 COLLEGE PINES. One-story 6-room dwelling.  
Owner & Builder—Edward Larmer, 90 Fairview Ave., Piedmont.  
Architect—Not Given. \$5500
- ALTERATIONS**  
(114) 5538 TAFT AVE., OAKLAND. Alterations and addition.  
Owner—F. C. Libby, 5538 Taft Ave.  
Contractor—H. W. Davis, 5872 Morapeth St.  
Architect—Not Given. \$3000
- CAFETERIA**  
(115) 601 36TH AVE., OAKLAND. One-story cafeteria.  
Owner & Builder—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.  
Architect—Not Given. \$10,000
- DWELLING**  
(116) W HARBOR DRIVE, LOT B, TRACT 506. Two-story 5-room dwelling.  
Owner & Builder—A. J. Pollard, 77 Plaza Dr., Berkeley.  
Architect—Not Given. \$4750
- DWELLING**  
(117) 5 ALAMO, BERKELEY. 1-story 6-room frame dwelling.  
Owner—H. Jenny, 1735 Madera.  
Contractor—O. W. Johnson, 3721 Young Ave., Oakland.  
Architect—Paul Anderson. \$7000
- ALTERATIONS**  
(118) 916 REGAL RD., BERKELEY. Alterations.  
Owner—Mrs. L. B. Waugh, 2261 Shattuck.  
Contractor—F. A. Stead, 3206 Boles.  
Architect—Not Given. \$1000
- STORE & FLAT**  
(119) 4844-46-48 E. 14TH STREET, OAKLAND. Two-story store & flat.  
Owner—Oliver Anders, 4800 E. 14th St.  
Contractor—Ole Moen, 3201 Wyman St.  
Architect—Not Given. \$8000



**DWELLING**  
 (120) 2 ASCOT COURT, OAKLAND.  
 Two-story 7-room dwelling.  
 Owner—Mrs. Nola L. Confer, 1328 Arch St., Berkeley; contractor, F. W. Confer, 1328 Arch Street, Berkeley.  
 Architect—Not Given. \$7000

**DWELLING**  
 (121) 2023 HOOVER AVE., OAKLAND. Two-story 6-room dwelling.  
 Owner & Builder—Dr. E. M. Finger, 400 29th St.  
 Architect—Albert Louhet, 2903 Forest Ave., Berkeley. \$6000

**STORES**  
 (122) 1216-1222 FRANKLIN ST., OAKLAND. One-story stores.  
 Owner—James T. Hannan, Contra Costa Co.  
 Contractor—Geo. W. Anderson, 211 Hanover Ave.  
 Architect—F. H. Sciombe, R. W. Cooley, Bldrs. Exch. Bldg. \$12,500

**DWELLING**  
 (123) 8120 UTAH ST., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.  
 Architect—Not Given. \$3500

**DWELLING**  
 (124) 6250 CONTRA COSTA RD., OAKLAND. Two-story 6-room dwelling.  
 Owner—Herbert E. Hoy  
 Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.  
 Architect—Norman Pedersen. \$6000

**DWELLING**  
 (125) 3720 VIRDEN ST., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—R. M. McChesney, 1315 San Luis Ave.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (126) 422 13TH ST., OAKLAND Alterations.  
 Owner—Bruce Maiden Co., Prem.  
 Contractor—Jensen & Pedersen, 3443 Adeline St.  
 Architect—Miller & Warnecke, Financial Center Bldg. \$11,953

**BUILDING CONTRACTS  
 SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.  
 119 S. P. Co. S.F. Grading  
 120 Union Oil Stolte 2182

**GRADING**  
 (119) IN ARMSTRONG AND BANCROFT AVES. and on Southern Pacific property in city and county of San Francisco, near Figgalls St. Grading for construction of drill track and spur at above locations — approx. 20,000 c.y. fill.  
 Owner—Southern Pacific Co.  
 Contractor—San Francisco Grading Co.  
 Filed June 17, '37. Dated June 11, '37 75% at end of each month; balance, usual 35 days.  
 TOTAL COST, \$0 195 per c.y. of fill Bond, \$3,900. Surety, U. S. Guarantee Co. Limit, 30 calendar days Plans and specifications filed.

**ALTERATIONS**  
 (120) NW POLK and GEARY STS. Miscellaneous alterations to service station.  
 Owner—Union Oil Co., 67 New Montgomery St.  
 Plans by Owner.  
 Contractor—F. C. Stolte Co., 1405 San Antonio, Alameda.  
 Filed June 18, '37. Dated June 11, '37. 75% within 5 days after comple-

tion; balance, usual 35 days.  
 TOTAL COST, \$2,182  
 Bond, \$2,182. Surety, Mass. Bonding & Ins. Co. Limit, 10 days. Plans and specifications filed.

**ALAMEDA COUNTY**

No. Owner Contractor Amt.  
 69 Go Grand Davis 7350  
 70 Grand Sigge 9937  
 71 Bay Regional Thornally 13430

**RESIDENCE**  
 (69) POR LOTS 6 & 7, OCEAN VIEW HEIGHTS, OAKLAND. Residence.  
 Owner—H. E. Hog.  
 Contractor—Stanley M. Davis.  
 Architect—Not Given.  
 Filed June 17, '37. Dated June 14, '37  
 Frame up ..... \$1,750  
 Brown plastered ..... 1,750  
 Completion ..... 1,750  
 Usual 35 days ..... 1,750  
 6-months' note ..... 350  
 TOTAL COST, \$7,350.00  
 Plans and specifications filed.

**RESIDENCE**  
 (70) LOTS 31-32, SEQUOIA HILLS, OAKLAND. Residence.  
 Owner—W. J. Grand.  
 Architect—F. H. Reimers, 233 Post St., San Francisco.  
 Contractor—Victor Sigge.  
 Filed June 21, '37. Dated June 18, '37  
 Frame up ..... \$2,484.25  
 Brown plastered ..... 2,484.25  
 Completion ..... 2,484.25  
 Usual 35 days ..... 2,484.25  
 TOTAL COST, \$9,937.00  
 Limit, 100 days. Plans and specifications filed

**CLUBHOUSE**  
 (71) CHILDEN PARK WILD CAT CANYON, CONTRA COSTA CO. One-story building — Golf Clubhouse.  
 Owner—East Bay Regional District, 512 Bank of America Bldg.  
 Architect—Earl R. MacDonald, Prem.  
 Contractor—W. G. Thornally, 2059 Webster St., Oakland.  
 Filed June 22, '37. Dated June 21, '37  
 25%—Foundation complete  
 25%—Brown plastered.  
 25%—Completion.  
 25%—Usual 35 days  
 TOTAL COST, \$13,400.00  
 Forfeit, \$10 per day. Limit, 90 days  
 Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS  
 UNDER \$1000**

ALTER dwelling, \$500; 2519 Greenwich; owner, Z. E. Stancil, Prem.  
 FLUES, \$50; 36 22nd Ave.; owner, A. R. Bowhaver, Prem.; contractor, Stelling Sheet Metal Works, 2511 Arroyo.  
 FLUES, \$29; 313 Frederick; owner, M. McHuan, Prem.; contractor, R. C. Volz, 515 Frederick.  
 FLUE, \$5; 2814 Ingalls; owner, Joe Conte, Prem.  
 FLUES, \$30; 1419 Jerrold; owner, Emma E. Sawyer, Prem.  
 FLUES, \$100; 2721 Pacific; owner, M. Mendell, Prem.; contractor, Lowell Davison, 1250 9th Ave.  
 SIGN, electric, \$35; 96 Eddy; owner, New Tientsin Cafe, Prem.; contractor, American Elec., 1740 Eddy.  
 ALTER dwelling, \$750; 2234 46th Ave.; owner, H. Koopacheff, Prem.; contractor, Al Langsley, 59 Cayuga.  
 ALTER dwelling, \$200; 518 Rutland and Arleta; owner, Nicholae Valente, 416 Rutland.  
 ALTER store, \$110; 577 Washington; owner, Lee Jim, Prem.; contractor, Sun Lee, 113 Waverly.  
 SIGN, electric, \$250; 2076 Chestnut;

owner, James Miladnoff, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 ALTER dwelling, \$200; 118 Noriega; owner, A. Steumark, Prem.  
 FLUES, \$60; 1082 Howard; owner, Herbst Bros., 1535 Mission; contractor, Metals Constr. Co., 683 Clementina.  
 ALTER dwelling, \$940; 1675 Kirkwood; owner, Peter Lippi, Prem.; contractor, L. Starelli, 1755 Dolores.  
 SIGN, electric, \$200; 3049 24th St.; owner, E. A. Taylor, Prem.; contractor, Wonderlite, 171 Ota.  
 ALTER dwelling, \$70; 826 Abasco; owner, Elizabeth T. Bruce, 30 Piedmont St.  
 ALTER tire repair shop, \$100; 1304 Fulton; owner, Sarah Cohn, 601 Scott.  
 SIGN, electric, \$95; 3377 26th St.; owner, Atlas Hotel, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 ALTER dwelling, \$100; 971 Kansas; owner, A. Reisman, Prem.  
 ALTER dwelling, \$485; 2864 Sacramento; owner, Hazel Timmons, Prem.; contractor, P. G. Sass, 620 1/2 San Bruno.  
 FLUES, \$65; 56 Scotia; owner, D. Romagnolo, 38 Murray; contractor, Excelsior Furnace & Sheet Metal Products, 4260 Mission.  
 SIGN, electric, \$200; 433 Kearny; owner, E. Betti, Prem.; contractor, Wonderlite, 170 Ota.  
 SIGN, electric, \$200; 801 Union; owner, Dal Poggetto Bros., Prem.; contractor, Wonderlite, 170 Ota.  
 FLUES, \$38; 88 2nd St.; owner, Bothin Real Estate Co., 604 Mission; contractor, Metals Constr. Co., 683 Clementina.  
 SIGN, metal, \$35; 131 Fell; owner, C. C. Anderson, Prem.  
 ALTER flats, \$345; 1536 Reverse; owner, P. Plumel, Prem.; contractor, J. B. Bourdieu, 2625 20th St.  
 ALTER dwelling, \$400; 2174 Ingalls; owner, Joe Conte, Prem.  
 ALTER flats, \$900; 1254 Filbert; owner, Elena Gallagher, 756 Bay; contractor, Victor E. Ratto, 4594 19th St.  
 ALTER dwelling, \$500; 431 Silver; owner, Frank H. Junge, Prem.  
 SIGN, electric, \$300; NW Bayshore and San Bruno; owner, Autocar Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 GARAGE, class B, \$275; S. Rowland, 137 SW Pacific Ave.; owner, P. Cagna, 88 Sansome St.  
 ALTER apartments, \$288; 11 Dolores; owner, Magda Dabrodenska, 98 Lakewood Ave.; contractor, National Roofing & Siding Co., 2172 Market St.  
 ALTER hotel, \$300; 187 3rd St.; owner, Mrs. F. V. Prem.; contractor, John H. Merz, 1520 Ellis St.  
 ALTER dwelling, \$40; 58 4th Second Ave.; owner, Claire Smoliakoff, 792 Lyon St.  
 FLUE, \$44; 439 Nae St.; owner, Elvington, Prem.; contractor, C. R. Smith & Son, 4057 18th St.  
 SIGN, electric, \$200; 452 Balboa St.; owner, Cunningham & Metzler, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.  
 ALTER dwelling, \$200; 1450 Page St.; owner, Nellie B. Redmond, Prem.  
 FLUE, \$85; 955 Bush St.; owner, G. A. Clark, Prem.; contractor, Ellis, Ernst & Sons, 551 Hayes.  
 ALTER, restorative, \$900; 58 Ellis St.; owner, Wells Fargo Union Trust Co., c/o Contractor; contractor, Ira W. Colburn, 2018 Market St.  
 MARQUEE, \$460; 1226 Fillmore St.; owner, American Theatre Co., Prem.; contractor, Patterson & Kester Iron Works, Inc., 250 12th St.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                                            |
|---------------------------------|------------------------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants                            |
| 2.—Bonds                        | 12.—Power Plants                                           |
| 3.—Churches                     | 13.—Public Buildings, Warehouses and Fire Houses and Mills |
| 4.—Factories and Warehouses     | 14.—Residences                                             |
| 5.—Flats                        | 15.—Schools                                                |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Hotels                               |
| 7.—Federal Buildings            | 17.—Theatres                                               |
| 8.—Club Buildings               | 18.—Wharves & Docks                                        |
| 9.—Hospitals                    | 19.—Misc. Const.                                           |
| 10.—Hotels                      | 20.—Misc. Supplies & Etc.                                  |

## 1—APARTMENTS

**Preparing Working Drawings**  
APARTMENTS—Cost, \$.....  
SAN FRANCISCO, Richmond St.  
Three-story frame and stucco apartment building (15 2- and 3-room apts.) hardwood floors, electric refrigeration, forced hot water heating system, wood sash, tile baths, canvas wall, texture plaster walls in corridors, etc.  
Owner—Withheld.  
Architect—R. R. Irvine, 2048 Market.

## PLANNED

SOUTH GATE, Los Angeles Co., Calif.—Hazel Atlas Glass Co., 87th Ave. and G St., Oakland, has purchased property at Santa Ana St. and Salt Lake Ave., South Gate, where they contemplate erecting a new factory.

**Contract Awarded**  
APARTMENTS—Cost, \$16,000  
PALO ALTO, Santa Clara Co., Calif.  
523-29 Byron St.  
Two-story frame and stucco apartment house.

Owner—A. Darlington, Cupertino.  
Architect—Not Given.  
Contractor—C. A. Pellymounter, Mtn. View.

## 3—CHURCHES

## PREPARING WORKING DRAWINGS

LONG BEACH, Cal.—Architect D. Easton Herrald, First National Bank Bldg., 115 Pine Ave., Long Beach, is preparing working drawings for a steel frame church building at the southeast corner of Fifth and Atlantic Avenues, Long Beach, for the United Presbyterian Church. Cost, \$50,000.

## 4—FACTORIES &amp; WAREHOUSES

**Contract Awarded**  
FACTORY—Est. Cost, \$125,000  
SAN FRANCISCO SE Fifth and Tehama Streets.

Two-story and part mezzanine Class B factory building (80x275-feet) reinforced concrete construction, composition roof, steel sash, one freight elevator.

Owner—Field Ernst Envelope Co., 45 Fremont Street.  
Architect—Day and Michelson, 45 Montgomery Street.  
Engineer—W. P. Day, 405 Montgomery Street.

Contractor—Cahill Brothers, Inc., 206 Sansome Street.

**Bids In—Held Under Advertisment**  
PLANT ADDITION  
Estimated Cost, \$30,000

STEGE, Contra Costa County, and BERKELEY, Alameda Co., Calif. One-story steel frame laboratory and wash room (35x90 ft.), concrete foundations, brick walls, some glass brick, addition to the Stauffer Chemical Co.'s plant at Stege and a one-story steel frame washroom (30x50 ft.) addition to the San Francisco Sulphur Co.'s plant at 6th and Ashby Avenues, Berkeley.  
Owner—Stauffer Chemical Co.  
Engineer—Kaj Theil, 560 Market St., San Francisco.  
Plans were figured by a selected list of contractors.

**Contract Awarded**  
STORAGE BUILDING—Cost, \$18,000  
SACRAMENTO, Calif. 1810 C St.  
New storage building.  
Owner—California Almond Growers.  
Architect—Not Given.  
Contractor—Harry Pobertson, 3004 F Street

**Sub-Contracts Awarded**  
STORAGE BLDG.—Cost, \$18,000  
SACRAMENTO, Calif. 1810 C Street.  
New storage building.  
Owner—California Almond Growers.  
Architect—Not Given.  
Contractor—H. W. Robertson, 3004 F St., Sacramento.

**Plumbing—Harvey H. Hollan, 1715 P St., Sacramento.**  
**Brick Work—E. A. Hann, 917 Fifth St., Marysville.**  
**Structural Steel—Palm Iron & Bridge Works, P. O. Box 746, Sacramento.**

**Concrete—Carl A. Fiedler, 2631 30th St., Sacramento.**  
**Sash and Doors—Thos. F. Scollan Co., 2919 T St., Sacramento.**

## PLANNED

LOS ANGELES CO., Calif.—Stone & Webster, 49 Federal St., Boston, Mass., will design and construct a new factory on a 50-acre site at Alameda Ave. and 253rd St. for John-Manville Corp. The plant will be used for the manufacture of rock wool and transite pipe. Stone and Webster have a Los Angeles office at 601 W. 5th St.

**New Bids Wanted—To Close June 29, 5 P. M.**

HANGARS—Cost, \$.....  
SACRAMENTO, Sacramento Co., Cal.  
Municipal Airport.

Two corrugated iron hangars buildings (each 150 x 32 ft., with space for 4 planes and 6 garages), metal roof, concrete floors, steel trusses, windows and doors; corrugated iron exterior.

Owner—Widows & Orphans Aid Association of Sacramento Police Department.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bids will be received under the following propositions:

Alt (1) Add if the entire exterior corrugated galvanized iron side walls are first washed with diluted vinegar and given one coat of W. P. Fuller's galvanized iron primer and two coats of Fuller's Fulumina.

Alt (2) Deduct if three garages are omitted from the end of one of the hangars and the end of the hangar where the garages are left off be covered with corrugated galvanized iron.

Alt (3) Deduct if the six garages are omitted from the ends of the two hangars and these ends where the garages are left off be cov-

ered with corrugated galvanized iron.

Following have taken out plans:  
L. L. Watson, 1768 11th Ave., Sacramento.

Otto Stenbrenner, 2146 Perkins St., Sacramento.  
Charles F. Unger, 2426 7th Ave., Sacramento.  
Lawrence Constr. Co., 5372 9th Ave., Sacramento.

M. R. Peterson, 11116 O St., Sacramento.  
At previous bid opening May 26, Chas. F. Unger, Sacramento, at \$26,895, submitted low bid. All bids were rejected.

**To Be Done By Day's Work**  
ALTERATIONS—Cost, \$6,500  
SAN FRANCISCO, 239 Jefferson St.  
Alter warehouse.  
Owner & Builder—Henry Windt, 2739 Taylor St.  
Architect—Hertzka & Knowles, 369 Pine St.

## 6—GARAGES &amp; SERVICE STATIONS

**Contract Awarded**  
SERVICE STATION—Cost, \$.....  
SAN FRANCISCO, Polk and Geary.  
Gasoline service station.  
Owner—Union Oil Co., 220 Montgomery Street.

Plans by Engineering Department of W. A. Kern Co.  
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

## BIDS WANTED

WASCO, Wasco Co., Calif.—Until July 1, 7:15 p.m., bids will be received by Wasco Union High School District for additions and alterations to garage building in Wasco. Plans obtainable at the school office upon deposit of \$10. Bids will be received for the work complete; also separately for concrete work, carpenter work, roofing, plaster, sheet metal, painting, electric wiring and plumbing. Cashier's or certified check or bond for 10% required.

**To Be Done By Day's Work**  
SERVICE STA.—Cost, \$6,000  
SAN FRANCISCO, SW California and Arguello.

Gasoline service station.  
Owner—The Texas Co., Hearst Bldg. Plans by Engr. Dept. of Owner.

**Sub-Contracts Awarded**  
MARINE SERVICE STATION, Etc.  
Estimated cost, \$10,000  
SAN FRANCISCO, Foot of Hyde St. Pier 49.

Owner—General Petroleum Corp. of California.  
Plans by Engr. Dept. of Owner.  
Contractor—Healy & Tibbitts Const. Co., 64 Pine Street.

**Plumbing—Von Tegen Co., 60 Clay St. Electric Wiring—H. S. Tittle Co., 35 Columbia Square.**

**Sheet Metal—Guilfooy Cornice Works, 1101 Howard Street.**  
**Mill Work—Oakley Mill & Lumber Co., 1430 Powell Street.**

**Sub-Contracts Awarded**  
SERVICE STATION—Cost, \$.....  
SAN FRANCISCO, Fell and Stanyan.  
Remodel gasoline service station.  
Owner—Shell Oil Company.  
Plans by Engr. Dept. of Owner.  
Contractor—V. M. Henrietta, 2929 21st Avenue.

**Plumbing—Adrian Ramazzotti, 1437 Vallejo Street.**  
**Electric Wiring—Hampton Elec. Co., 524 Howard Street.**

**Glass and Sheet Metal**—Independent Iron Works, 621 Pine St., Oakland.  
**Grading**—Devincenzi & Haskins, 440 Anza Street.  
**Concrete and Foundations**—Love & Haun, 4354 20th St.  
**Lumber**—Spring Valley Lumber Co. Painting—Henry Mohr, 960 7th St.

**Sub-Contracts Awarded**  
**GARAGE** Cost, \$20,000  
**VISALIA**, Tulare Co., Calif.  
 One-story brick garage bldg. (steel sash, wood roof trusses, composition roofing, etc.)  
 Owner—Witbbeld.  
 Architect—David Horn, Rowell Bldg., Fresno.

Contractor—J. J. Bedel, 1018 E. Mineral King, Visalia.  
**Glass**—Visalia Planing Mill, P. O. Box 428.  
**Roofing and Concrete**—L. C. Clark, 217 S. West St.  
**Grading & Foundations**—L. C. Clark.  
**Brick and Stone Work**—Lloyd G. Hillier.

**Lumber**—Valley Lumber Co., P. O. Box 1341.  
**Painting**—Bay & Woods.  
**Lathing and Plastering**—L. C. Strong, 411 S. Willis St.  
**Steel Rolling Doors**—Kyle & Co., 346 G Street.

**Sub-Contracts Awarded**  
**SERVICE STATION** Cost, \$.....  
**SAN JOSE**, Santa Clara Co., Calif.  
 Fourth and San Fernando Sts.  
 New gasoline service station.  
 Owner—Shell Oil Co., 100 Bush St., San Francisco.

Plans by Engr. Dept. of Owner.  
 Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco.  
**Steel**—Independent Iron Works, 821 Pine St., Oakland.  
**Electric Work**—Gilbert Bros., aS n Jose.  
**Plumbing**—Ellert & Son, San Jose.

**Contract Awarded**  
**GARAGE BLDG.** Cost, \$8,000  
**OAKLAND**, Alameda Co., Calif. 416-18 E. 8th St.  
 One-story brick and concrete garage building.  
 Owner—Guido Pacini, 404 E. 8th St.  
 Architect—Not Given.  
 Contractor—Dancari & Swafford, 6515 Raymond St.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
**SANTA ROSA**, Sonoma Co., Calif.  
 Mendocino and Healdsburg Sta  
 New gasoline service station.  
 Owner—General Petroleum Corp. of Calif.  
 Plans by Engineering Department of Owner.  
 Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**7—FEDERAL BUILDINGS**

**BIDS WANTED**  
**ALCATRAZ ISLAND**, Calif.—Until June 29, 2:00 p.m., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Spec. No. 52. Invitations No. 1043, for alterations and improvements to quarters on Alcatraz. Specifications obtainable from the above office and bids will be opened in Room 407, Post Office Bldg., San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz.  
 A copy of specifications is now on file for examination in the office of DAIY Y PACIFIC BUILDER, 465 Tenth Street.

**Sub-Contracts Awarded**  
**RESIDENCES** Cost, \$.....  
**FRIANT**, Fresno Co., Calif. Friant Dam Site.  
 Twenty-five duplex residences (Spec.

No. 706) and three 6-, five 5-, ten 4-, and ten 2-room residences Spec. No. 707).

Owner—U. S. Government, Bureau of Reclamation (Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento; A. M. Torpen, Friant Division Engineer).  
 Contractor—W. J. Ochs, Helm Bldg., Fresno.  
**Roofing**—Malsler Bros. Lumber Co., Fresno.  
**Heating**—Scott Co., 243 Minna St., San Francisco.  
**Glass**—Hollenbeck Bush Planing Mill Fresno.  
**Grading**—W. J. Ochs, Fresno.  
**Lumber**—Malsler Bros. Lumber Co., Fresno.  
**Mill Work**—Hollenbeck Bush Planing Mill, Fresno.  
**Hardware**—Barrett-Hicks Co., Fresno.  
**Painting**—Peckham-Foster, Bakersfield.  
**Concrete**—W. J. Ochs, Fresno.

**LOW BIDDER**  
**POINT ARGUELLO**, Arlight, Sta. Barbara Co., Calif.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$2,480, submitted low bid to the Treasury Department, U. S. Coast Guard Service, Washington, D. C., for the erection of a steel lookout-detection piers (the steel work for the tower will be furnished by the Government); the construction of a frame watch house approx. 9 x 9 ft. atop the steel tower; together with all the accessories required to construct the work at the Point Arguello U. S. Coast Guard Station, near Arlight, Santa Barbara County, Calif.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—F. C. Amoroso & Sons, NE Cor. Keith and Wallace Sts., at \$131,420, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for repairs and improvements of the U. S. Post Office and Courthouse at San Francisco.

**BID OPENED**  
**POINT ARGUELLO**, Arlight, Santa Barbara Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$26,900, submitted only bid to the Treasury Department, Washington, D. C., for the construction, under one general contract, of a two-story frame cottage approximately 22 x 30 ft., with a one-story wing, 11 ft. 6 in. x 12 ft., at one end and a porch 11 ft. 6 in. x 12 ft. at the other end and entrance, porches, etc., the cottage having concrete foundation and basement; all complete with electric lights, heating and plumbing, etc., together with all accessories required to construct the work at the Point Arguello U. S. Coast Guard Station near Arlight, Santa Barbara Co.

**BIDS WANTED**  
**HICKAM FIELD**, T. H.—Until June 24, bids will be received by the Constructing Quartermaster, Capt. H. B. Nurse, Hickam Field, for concrete floor slab, roofing and siding on practice bomb loading building at Hickam Field.

**Bids Wanted — To Close July 29, 1 P. M.**  
**PORTOFOUCE** Cost, \$135,000  
**SANTA MONICA**, Los Angeles Co., Calif.  
 United States Post Office.  
 Owner—U. S. Government.  
 Plans by the Treasury Dept., Washington, D. C.  
 Consulting Architect—Robert Dennis Murray.  
 Plans may be obtained from the Procurement Division, Public Bldgs.

Branch, Washington, D. C. No deposit required.

**BIDS REJECTED**  
**DENVER**, Colo.—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids submitted June 2 for wrought iron grilles and wire mesh screens in the U. S. Mint at Denver.

**Bids Opened**  
**UTILITIES BUILDING**

**SACRAMENTO CO.**, Calif. Army Air Depot, near North Sacramento.

**Chemical Storage Building**, (Spec. No. 349-E): one-story reinforced concrete building, 60 x 60 ft., built-up roof, metal windows, etc. Paint, Oil and Dope Storage Bldg. (Spec No. 349-E): one-story reinforced concrete, 120 x 140 ft., metal windows, built-up roof, etc.; Reclamation Bldg. (Spec. No. 349-E): one-story reinforced concrete, 60 x 200 ft., metal windows, built-up roof, etc. Standard Post Ordinance Magazine—Mild Explosives (Spec No. 350-E): one-story reinforced concrete, 26 x 20 feet, corrugated asbestos roof, metal windows, etc.

Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, P. O. Box 1648, Sacramento).

Plans prepared by the office of the Quartermaster General, Washington, D. C.

Bids will be taken as follows:

(1) Lump sum. Construct and complete the Air Corps Chemical Storage Building, Paint, Oil and Dope Storage Building, Reclamation Building and Standard Post Ordinance Magazine—Mild Explosives, including utilities thereto.

(11) Unit prices. These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted:

- (a) Earth excavation, per c.y.
- (b) Rock excavation, per c.y.
- (c) Wet excavation, per c.y.
- (d) Type A concrete, including forms, per c.y.
- (e) Type B concrete, including forms, per c.y.
- (f) Structural steel, per ton.
- (g) Reinforcing steel, per ton.
- (h) 6-in. cast iron bell spigot water pipe, per l.f.
- (i) 8-in. cast iron bell spigot water pipe, per l.f.
- (j) 6-in. vitrified clay pipe, per l.f.

Total bids follow:  
 (A) Eaton & Smith, 715 Oregon Ave., San Francisco, \$86,600  
 (B) MacDonald & Kahn, Ltd., San Francisco, \$90,409  
 (C) Azevedo Const. Co., Sacramento, \$97,130.

Unit bids follow:

	(A)	(B)	(C)
(a)	\$ 1.00	\$ 1.50	\$ 60 2.00
(b)	2.00	5.00	1.50 4.00
(c)	3.00	7.00	1.75 2.50
(d)	14.00	25.00	9.00 18.00
(e)	15.00	25.00	9.00 20.00
(f)	120.00	150.00	75.00 140.00
(g)	120.00	110.00	70.00 120.00
(h)	2.46	2.75	2.00 2.59
(i)	3.14	3.50	2.50 3.20
(j)	1.70	1.90	.40 1.75

Bidders specified following time schedules: A—begin in 10 days and finish in 250 days; B—begin in five days and finish in 300 days; C—begin in 15 days and finish in 300 days.

## BIDS OPENED

LOS ANGELES, Calif.—As previously reported, Mutual Gas Equipment Co., Los Angeles, at \$17,294, submitted low bid to the Veterans' Administration, Washington, D. C., for gas and oil burning equipment at the Veterans' Administration Facility, Los Angeles, under Spec. No. 3753-H.

Complete bids follow:  
Mutual Gas Equipment Co., Los Angeles ..... \$17,294  
Webster Engrg. Co., Tulsa, Okla. .... 20,806  
Lohman Bros., Los Angeles ..... 20,850  
Furney Engrg. Co., Dallas, Texas ..... 21,100  
A. Wilson & Co., New York ..... 21,493  
Leahy Mfg. Co., Los Angeles ..... 22,961  
Simplex Oil Heating Corp., New York ..... 39,841

## CONTRACT AWARDED

COLVILLE, Wash.—West Coast Constr. Co., Seattle, Wash., at \$50,238, awarded contract by the Procurement Division, Washington, D. C., for construction of the U. S. Post Office at Colville.

## BIDS OPENED

SAN FRANCISCO—Art Metal Construction Co., Washington, D. C., submitted low bid to the Procurement Division, Washington, D. C., for metal shelving, truck, etc., in the U. S. Mint at San Francisco.

Complete bids follow:  
Art Metal Const. Co., Washington, D. C., Item (1) \$52.33; (2) \$586, 131 \$246.

The Interior Steel Equipment Co., Washington, D. C., Item (1) \$61.13; (2) \$698.70; (3) \$296.

The General Fire-proofing Company, Washington, D. C., Item (1) \$69; (2) \$699; (3) \$390.

## SUB-CONTRACTS AWARDED

FRESNO CO., Calif.—Trehwitt-Shields & Fisher, 1501 Pacific Southwest Building, Fresno, awarded the following sub-contracts for constructing bldgs. at Wishiah Sanatorium, Sacramento Agency, under P. F. 561, for the Department of the Interior, Washington, D. C. The project is located near Auberry in Fresno Co. Plumbing and Heating—Frank Hinson, 2141 South Van Ness.

Electric Wiring—Electric Const. Co., Inc., P. O. Box 638.

Sheet Metal—Dowd Sheet Metal Wks 955 M Street.

Tile Work—Fresno Marble and Tile Co., 1511 O Street.

Iron Grille Work—Klve & Co., 346 G Street.

Lumber—Valho Lumber Co., H and Mono Streets.

Mill Work—Fresno Planning Mill Co., Inc., H and Monterey.

Painting—Schutz Point Co., 1901 Fresno.

Lathing and Plastering—Joe Mass, All of Fresno.

Bids Wanted—To Close Aug. 10, 1 P. M.

POST OFFICE Cost, \$70,000  
TOPEKA, Kan., Wash.

United States Post Office.  
Owner—United States Government.

Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be seen, Public Bldg. Branch, Washington, D. C., N. E. corner of 4th and D.

Correction in Estimated Cost  
POST OFFICE, Est. Cost, \$70,000

SANTA MONICA, Cal.—A-2-20-20  
United States Post Office.

Owner—United States Government.  
Plans by the Treasury Dept., Wash-

ington, D. C.

Consulting Architect—Robert Deming Murray

Plans may be obtained from the

Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required.

Estimated cost was previously reported, in error, at \$135,000.

Low Bidder  
POST OFFICE Cost, \$.....

KELLOGG, Shoshone County, Idaho.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect

of the Treasury Dept., Wash-  
ington, D. C.

Low Bidder—Benjamin H. Sheldon,  
Colfax, \$51,238.

Low Bidders  
POST OFFICE Cost, \$.....

SUSANVILLE, Lassen County, Cal.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect

of the Treasury Dept., Wash-  
ington, D. C.

Low Bidder—Geo. Goedhart, 2244 W.  
110th Place, Chicago, \$59,500.

Second low bid submitted by Brun-  
zell & Jacobson, Los Angeles, at \$61,  
770.

Low Bidders  
POST OFFICE Cost, \$.....

COLUSA, Colusa Co., Calif. Fourth  
and Market Streets.

United States Post Office.  
Owner—United States Government.

Plans by the Supervising Architect  
of the Treasury Dept., Wash-  
ington, D. C.

Low Bidder—Geo. Goedhart, 2244 W.  
110th Place, Chicago, \$64,500.

Second low bid submitted by L.  
F. Dow Co., Los Angeles, at \$69,460.

## BIDS OPENED

POINT ARGUELLO, Arlight Sta.,  
Santa Barbara Co., Calif.—As previously reported, Fred J. Early, Jr., 369 Pine Street, San Francisco, at \$2,450, submitted low bid to the Treasury Department, U. S. Coast Guard Service, Washington, D. C., for the erection of a steel lookout tower (25 ft. high) on concrete foundation piers (the steel work for the tower will be furnished by the Govern-

ment); the construction of a frame watch house approx. 9 x 9 ft. atop the steel tower; together with all the accessories required to construct the work at the Point Arguello, U. S. Coast Guard Station, near Arlight, Santa Barbara County, Calif.

Complete bids follow:  
Fred J. Early, Jr., S. F. .... \$2480

R. H. Travis, L. A. .... 2559

Headland Engr. & Constr. Co., Long Beach

Shannah Bros., L. A. .... 3150

5390

BIDS OPENED  
EACIE, Oregon—L. H. Hoffma,

Portland, Ore., at \$1,478, submitted low bid to the Procurement Division, Washington, D. C., for cement vaults, walks and cleaning, etc., at the U. S. Post Office at Baker.

Complete bids follow:  
L. H. Hoffma, Portland, Ore. .... \$1,478

R. H. Jones, Baker, Ore. .... 2,325

Henry L. Grohne, Decatur, Ill. .... 3,289

CONTRACT AWARDED  
MARSHFIELD, Oregon—Standard

Iron & Wire Works, 1900 NE 3rd St., Minneapolis, Minn., at \$457, awarded contract by the Procurement Divi-

sion, Washington, D. C., for door plates, window grilles, etc., in the U. S. Post Office at Marshfield.

CONTRACT AWARDED  
SAN DIEGO, Calif.—Kohlenberg-

Engr. Corp., Fullerton at \$997, awarded contract by the 11th Naval District, under Spec. No. 8421, for a refrigerating plant at the Naval Operating Base, San Diego.

(743) 1st rep. May 27; 2nd, June 15

## CONTRACT AWARDED

WEIMAR, Placer Co., Calif.—H. W. Robertson, 3004 F St., Sacramento, at \$43,768, awarded contract by the Department of the Interior, Washington, D. C., for the construction of a hospital building and employees' cottage at Weimar, Sacramento Agency, 14 miles north of Auburn.

## CONTRACT AWARDED

WEIMAR, Placer Co., Calif.—H. W. Robertson, 3004 F St., Sacramento, at \$43,768, awarded contract by the Department of the Interior, Washington, D. C., for the construction of a hospital building and employees' cottage at Weimar, Sacramento Agency, 14 miles north of Auburn.

Bids Wanted—To Close August 3  
POST OFFICE Cost, \$95,000

LIHUE, Hawaii, T. H.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect,

Treasury Department, Wash-  
ington, D. C.

Bids Opened  
POST OFFICE

COLUSA, Colusa Co., Calif. Fourth  
and Market Streets.

United States Post Office.  
Owner—United States Government.

Plans by the Supervising Architect  
of the Treasury Dept., Wash-  
ington, D. C.

Low Bidder—Geo. Goedhart, 2244 W.  
110th Place, Chicago—\$64,500.

Complete bids follow:  
Geo. Goedhart, Chicago, Ill.—

(Item 1) \$64,500; (Alt. A) add \$550;  
(Alt. B) ded. \$470.

L. F. Dow, Los Angeles, Calif.—

(Item 1) \$69,461; (Alt. A) add \$400;  
(Alt. B) ded. \$200.

MacDonald Constr. Co., St. Louis,  
Mo.—(Item 1) \$69,800; (Alt. A) add

\$400; (Alt. B) ded. \$200.

Schuler & McDonald, Oakland, Cal.—

(Item 1) \$71,333; (Alt. A) add \$500;  
(Alt. B) ded. \$100.

Blauer Constr. Co., Chicago, Ill.—

(Item 1) \$71,400; (Alt. A) \$500; (Alt. B) ded. \$300.

## BIDS OPENED

SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Ave., Berkeley, awarded the following low bid to the Procurement Division, Washington, D. C., for a drainage system, etc., for the U. S. Mint at San Francisco.

Only two bids submitted follow:  
Martin Murphy, Berkeley: \$2,450;

Alt. (a) deduct \$50.

Underground Const. Co., Berkeley:

\$3,115; Alt. (a) deduct \$200.

## Bids Opened

POST OFFICE

SUSANVILLE, Lassen Co., Calif.  
United States Post Office.

Owner—U. S. Government.  
Plans by the Supervising Architect

of the Treasury Dept., Wash-  
ington, D. C.

Low Bidder—Geo. Goedhart, 2244 W.  
110th Place, Chicago—\$59,500.

Complete bids follow:  
George Goedhart, Chicago, Ill.—

\$59,500; (Alt. A) add \$320.

Brunzell & Jacobson, Los Angeles,  
Calif.—\$61,774; (Alt. A) add \$100.

MacDonald Constr. Co., St. Louis,  
Mo.—\$67,336; (Alt. A) add \$475.

L. F. Dow Co., Los Angeles, Cal.—

\$63,636; (Alt. A) add \$300.

Schuler & McDonald, Oakland, Cal.—

\$65,377; (Alt. A) add \$500.

Robert McCarthy, San Francisco, Cal.—

\$66,600; (Alt. A) add \$500.

Blauer Constr. Co., Chicago, Ill.—

\$67,389

Monson Bros., San Francisco, Cal.—

\$72,837; (Alt. A) add \$300.

Bids Opened  
POST OFFICE

KELLOGG, Shoshone Co., Idaho. United States Post Office. Owner—U. S. Government. Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

Low Bidder—Benjamin H. Sheldon, Colfax, Wash.—\$51,238.

Complete bids follow:  
Benjamin H. Sheldon, Colfax, Wash.—Item 1 \$51,238; (Alt. A) add \$250; (Alt. B) ded. \$75.

Blauner Constr. Co., Chicago, Ill.—(Item 1) \$52,440; (Alt. A) add \$50; (Alt. B) add \$50.

Adolphus Roy Elliott, Polson, Mont.—(Item 1) \$55,299; (Alt. A) add \$180; (Alt. B) add \$200.

Busboom & Rauh, Salina, Kan.—(Item 1) \$56,500; (Alt. A) add \$250; (Alt. B) add \$100.

L. H. Hoffman, Portland, Ore.—(Item 1) \$58,676; (Alt. A) no change; (Alt. B) add \$550.

A. D. Belanger & Co., Seattle, Wash.—(Item 1) \$59,888; (Alt. A) add \$325; (Alt. B) add \$725.

L. F. Dow Co., Los Angeles, Cal.—(Item 1) \$67,000; (Alt. A) add \$400; (Alt. B) add \$400.

J. J. Lorenz, Spokane, Wash.—Late bidder.

**BIDS WANTED**

HAMILTON FIELD, Marin Co., Calif.—Until June 29, 10 A. M., bids will be received by the Office of Constructing Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No. W 6616-37-108, for installation of an elevator in Bldg. No. 70, Hamilton Field, Marin County. Plans and specifications obtainable from above office.

**BIDS WANTED**

HAMILTON FIELD, Marin Co., Calif.—Until June 29, 10 A. M., bids will be received by the Office of Constructing Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No. W 6616-37-107, for erection of a penthouse over elevator hatchway, alterations to machine room, installation of transformers and furnishing a 220-volt circuit to the machine room, Bldg. No. 70, Hamilton Field. Plans and specifications obtainable from above office.

**BIDS WANTED**

ALCATRAZ ISLAND, Calif.—Until June 29, 2:00 P. M., bids will be received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Spec. No. 52, Invitation No. 1043. Specifications obtainable from the above office and bids will be opened in Rm. 407, Post Office Bldg., San Francisco, where they may be delivered in person or mailed to Warden, U. S. Penitentiary, Alcatraz.

**LOW BIDDER**

SAN DIEGO, Calif.—B. O. Larsen, 1340 E. St., San Diego, at \$540,000, submitted low bid to the Eleventh Naval District, foot of Broadway, San Diego (Public Works Department), for one Barracks Bldg. and one combined Mess Hall-Galley-Barracks Bldg. and Services, at the Naval Operating Base (Air Station), San Diego, under Spec. 7985.

Work includes concrete construction; stucco work; steel windows; precast steel doors; steel rolling doors; metal lath and plaster; roofing and sheet metal; carpentry; tile work; terrazzo; painting; glazing and electrical, drainage, plumbing and heating systems. Refrigeration, mess hall, laundry, scullery and kitchen equipment not included under this specification.

**BIDS OPENED**

ALCATRAZ ISLAND.—Following bids were submitted to the Bureau of Prisons, U. S. Penitentiary, Alca-

traz, under Bid No. PI-219, for furnishing and installing laundry machinery and equipment at the U. S. Penitentiary, Alcatraz Island.

Item (1)—California Laundry Equ. Co., 2221 Union St., Oakland—\$4,250 net.

Item (2)—U. S. Hoffman Machine Co.—\$2,940.

Frohwitter Machine Co. of Chicago—\$4,325.

American Machine & Metal Co.—\$4,534, 5% 30 days.

Items (1) and (2)—American Lndy. & Machine Co.—\$8,407.65.

**CONTRACT AWARDED**

HAMILTON FIELD, Marin Co., Calif.—De Luca & Son, Inc., 1745 Filbert St., San Francisco, at \$14,119, awarded contract by the U. S. Army Motion Picture Service, Washington, D. C., for outside concrete walls of the War Department's Theatre, being constructed at Hamilton Field.

**BIDS APPROVED**

SAN FRANCISCO, Cal.—Treasury Department approved following bid, material and equipment awards for the construction of the emergency lighting plant and projectors in the San Francisco Mint. Severin Electric Co., general contractors; Emergency lighting unit, King-Knight Co.; engine, Hercules Motors Corp.; generator, General Elec. Co.; voltage regulator, General Elec. Co.; projectors, Westinghouse Elec. & Mfg. Co.

**11—ICE AND COLD STORAGE PLANTS**

**BIDS WANTED**

MONTEREY, Monterey Co., Cal.—Until July 12, 7:30 P. M., bids will be received by J. E. McKillop, Clerk, Monterey Union High School District, for ice or electric refrigeration to provide approximately 70 cu. ft. of refrigeration, for Monterey Union High School. Specifications may be obtained at the high school.

**12—POWER PLANTS**

**BIDS OPENED**

DENVER, Colo.—Bids for transformers for Seminole Power Plant, Spec. 930-D, opened by Bureau of Reclamation, Denver, were (f.o.b. Parco, Wyo., except as otherwise noted).

Kuhlman Elec. Co., Bay City, Mich.—(1) four 2500 kva 690 to 69,000 V volt transformers, \$25,776; (2) four 667 kva 6900 to 34,500 V volt transformers, \$11,404; (3) six 100 kva and one 50 kva transformers, \$4099.77; (4) erecting engr. per day, \$37.50; (5) mechanic, per day, \$25.

Penn. Transformer Co., Pittsburgh—(1) \$25,800; (2) \$10,040; (3) \$3907; (4) \$25; (5) \$20; combination bids; items 1 and 2, \$36,840; items 1, 2 and 3, \$40,747.

Amer. Transformer Co., Newark, N. J.—(1) \$27,800; (2) \$11,000; (3) \$3670; (4) \$28; (5) \$18.

Standard Transformer Co., Warren, O.—(1) \$27,163; (2) \$10,715; (3) \$3,721.30; (4) \$25; (5) \$20.

Moloney Elec. Co. of St. Louis, Mo.—(1) \$25,840; (2) \$11,200; (3) \$3174; (4) \$25; (5) \$18; f.o.b. St. Louis.

Wagner Elec. Co., St. Louis—(1) \$9,416; (2) \$11,192; (3) \$4440.96; (4) \$20; (5) \$20.

R. E. Uptegraff Mfg. Co., Pittsburg—(1) \$32,320; (2) \$10,872; (3) \$4322.

General Elec. Co., Schenectady—(1) \$31,890; (2) \$12,103; (3) \$564.94; (4) \$25; (5) \$20

Westinghouse Elec. & Mfg. Co., Denver—(1) \$32,048; (2) \$12,260; (3) \$4322; (4) \$25; (5) \$20.

Graybar Elec. Co., Denver—(3) \$5,064.94

All terms net.

**BIDS OPENED**

DENVER, Col.—Bids for two 82,500-kva/1800 rpm variable speed rotating current generators for Boulder power plant, Spec. 732, opened by the Bureau of Reclamation, Denver, were: Westinghouse Electric & Manufacturing Co., \$1,467,000, fob E. Pittsburgh, Pa.; General Electric Co., \$1,498,163, fob Schenectady, N. Y.; Allis-Chalmers Mfg. Co., \$1,580,000, fob W. Allis, Wis.

**13—PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**Preparing Sketches**

ADDITIONAL Cost, \$7,500  
ALAMEDA Co., Calif. Near San Leandro, Ala. Co. Prison Farm. One-story frame building (50x100 ft.) to be constructed on ground of prison farm.

Owner—County of Alameda. Architect—J. W. F. Plachet, 511 Mercantile Bank Bldg., Berkeley.

**Preparing Working Drawings**

JAIL, Cost, \$14,000  
WATSONVILLE, Santa Cruz Co. One-story reinforced concrete jail building (3 offices, 5 cells, concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices, steel sash.

Owner—City of Watsonville. Architect—W. Story, Pajaro Valley Bank Bldg., Watsonville. General bids will be asked in about six weeks upon completion of plans.

**CONTRACTS AWARDED**

OAKLAND, Cal.—Jen-Edge Corp., 608 16th St., Oakland, at \$7,495.54 on Item 1, and M. G. West Corp., 117 Front St., San Francisco, at \$22,050 on item 2, awarded contracts by Alameda County Board of Supervisors for furnishing metal shelving for the new Court House.

Complete bids follow:  
Jen-Edge Corp., Oakland (1) \$7,495.54  
M. G. West Co., S. F. (2) 1) \$575.00  
(2) 2) 22,050.00  
Rucker-Fuller Co., S. F. (1) 1) \$441.00  
(2) 2) 24,363.00  
\*Gleason Steel Products Co., Oakland (1) 22,300.00  
\*\*Rolph Mills Co., S. F. (1) 6,999.00  
\*Probable error in bid.  
\*\*Not certified check enclosed, bid not considered.

**BIDS OPENED**

SACRAMENTO.—Lawrence Constr. Co., 5372 9th Ave., Sacramento, at \$8,186 submitted low bid to State Architect Geo. B. McDougall, for improvements to State Office Building, 1055 P St., Sacramento.

Bids were received under the following proposition (a) deduct for omitting ventilating system.

Complete bids follow:  
Lawrence Const. Co. (a) \$8,186  
Azevedo Constr. Co. (a) 2,000  
(a) 1) 8,214  
Holdener Constr. Co. (a) 1,918  
(a) 1) 9,325  
(a) 2) 2,200  
Charles F. Under (a) 8,845  
(a) 1) 8,900  
All of Sacramento.

**Bids Opened**

SOUTH TOWERS  
YERBA BUENA SHOALS, Cal Site of the 1939 World's Fair. Two towers, 101 feet high above pile foundations. Structures are temporary exposition buildings, serving largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing.

wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.  
Plans by San Francisco Bay Architectural Commission, 585 Bush.  
Low Bidder—E. T. Lester, 87 Ross Circle, Oakland—\$75,660.

Complete bids follow:  
E. T. Lester, Oakland ..... \$75,660  
Louis C. Dunn, S. F. .... 85,900  
Clinton Const. Co., S. F. .... 91,900  
Gav. F. Atkinson Co., S. F. .... 95,885  
Bids referred to the Public Utilities Commission, City Hall.

#### BIDS OPENED

**SAN FRANCISCO**—Cochran & St. John, Ltd., 952 Mission St., at \$5,712, submitted low bid to the Public Utilities Commission, City Hall, under San Francisco Water Department Spec. No. 142, for furnishing and installing an automatic air conditioning system in the Water Department Bldg., 425 Mason St.

Complete bids follow:  
Cochran & St. John, Ltd. .... \$5,712  
Edward E. Ward Co. .... 5,820  
Empire Heating Co. .... 6,142  
Scott Co., Inc. .... 6,573  
M. J. Reeves Heating Co. .... 7,500  
Aladdin Heating Corp., Oakland ..... 8,175  
All of San Francisco, unless otherwise noted.

#### BIDS OPENED

**SAN FRANCISCO**—Abbett Electric Co., 126 Sears St., at \$7,271, submitted low bid to the Department of Public Works, City Hall, for electrical work in the Psychopathic Cancer Bldg., Maternity Wing, San Francisco Hospital, Potrero Ave., betw. 22nd and 23rd Sts.

Complete bids follow:  
Abbett Electric Co. .... \$7,271  
Chas. A. Langlais ..... 7,775  
B. J. Doherty Co. .... 7,815

### 14—RESIDENCES

#### Contract Awarded

**RESIDENCE** Cost, \$7,500  
**PIDMONT**, Alameda Co., Calif. 104 Latham Ave.  
Six-room frame residence and garage  
Owner—Arnold Grave, 224 Monte Vista Ave., Piedmont.  
Architect—Not Given.  
Contractor—A. J. Beckett, 224 Scenic Ave., Piedmont.

#### To Be Done By Day's Work

**RESIDENCE** Cost, \$10,000  
**PIDMONT**, Alameda Co., Calif. 220 Sandringham Road.  
Two-story frame and stucco residence and garage.  
Owner—H. P. Fisher, 1058 Windsor Ave., Piedmont.  
Architect—W. E. Schlrmer, Bank of America Bldg., Oakland.

#### Contract Awarded

**RESIDENCES** Est. Cost, \$10,000 ea.  
**BERKELEY**, Alameda Co., Cal. 1739-49 59 Spruce St.  
Three two-story frame and stucco residence (10 rooms each).  
Owner—H. J. Haaf, 1750 Arch St.  
Architect—Irving H. Johnson, 2217 7th Ave., Oakland.  
Contractor—Geo. Windsor, 11 Sharon Ave., Piedmont.

#### Preparing Preliminary Plans

**RESIDENCE** Cost, \$ .....  
**LA FAYETTE** Contra Costa Co., Cal.  
One - story frame and stucco residence (7 rooms) oil-fired hot air heating system, steel sash, composition roof, etc.  
Owner—Dr. Robert A. Brady, Berkeley.

Architect—R. J. Neutra, 251 Kearny St., San Francisco.

#### Bids Opened

**RESIDENCE** Cost, \$ .....  
**ALAMEDA CO.**, Calif. Hampton Rd. near Hayward.

One-story integrated residence (five rooms) in Masonite floors, and baths, wood sash, composition roof, etc.

Owner—Withheld.  
Architect—Geo. P. Simonds, 80 Main St., Hayward.

Low Bidder—F. C. Little, 1960 B St., Hayward, \$4,900.

Complete bids follow:  
F. C. Little, Hayward ..... \$4,900  
Skovmand & Lewis, Oakland ..... 6,400  
A. Clark, Hayward ..... 7,200

#### Contract Awarded

**RESIDENCE** Cost, \$9,500  
**SAN MATEO**, San Mateo Co., Calif. Lot 12 Blk 14, Cornell and Irving.  
Two - story frame and stucco residence.  
Owner—C. D. Griffith, 214 Eaton Rd., San Mateo.

Plans by C. Friedel, San Mateo.  
Contractor—E. S. Shaver, 733 Farrington Lane, Burlingame.

#### Contract Awarded

**RESIDENCE, ETC.** Cost, \$14,000  
**FRESNO**, Fresno Co., Calif. 540-541 Fresno Street.

Residence, office and garage.  
Owner—Ayaka Tanabe.  
Architect—Not Given.  
Contractor—L. H. Hansen & Son, 934 Safford Ave., Fresno.

#### To Be Done By Day's Work

**RESIDENCE** Cost, \$22,500  
**SAN FRANCISCO**, W. Seachiff Ave. 40 W 27th Ave.  
Two - story and basement frame and concrete residence.  
Owner and Builder—A. P. Kohlmeister, 167 22nd Ave.  
Architect—Not Given.

#### Sub-Bids Wanted

**RESIDENCE** Cost, \$5,000  
**SAN CARLOS**, San Mateo Co., Calif.  
One - story frame and stucco residence (5 rooms) hardwood floors, tile baths, wood sash, etc.  
Owner—E. Klee.  
Mgr. of Constr.—Cyril Doane, 760 Russ Bldg., San Francisco.

Sub-bids are now being received by Mr. Doane on all portions of the work except plastering.

#### Preparing Preliminary Plans

**RESIDENCE** Cost, \$7,500  
**SAN CARLOS**, San Mateo Co., Calif.  
Two - story frame and stucco residence (7 rooms) hardwood floors, tile baths, wood sash, etc.  
Owner—E. Klee.  
Mgr. of Constr.—Cyril Doane, 760 Russ Bldg., San Francisco.

#### Preparing Preliminary Plans

**RESIDENCE** Cost, \$16,500  
**SAN FRANCISCO**, Scott Street near Broadway.  
Two - story frame and stucco residence (9 rooms, 5 baths) hardwood floors, tile baths, composition shingle roof, wood sash, etc.  
Owner—Withheld.  
Mgr. of Constr.—Cyril Doane, 760 Russ Building.

#### Bids In—Held Under Adjudgment

**RESIDENCE** Cost, \$ .....  
**PIDMONT**, Alameda Co., Cal. Wildwood Gardens.  
Two-story frame and stucco residence (9 rooms).  
Owner—Dr. Kenneth Thompson.  
Architect—Miller & Warneke, Financial Center Bldg., Oakland.  
Bids exceeded estimated cost and are being held under consideration.

Owner Now Taking General Bids

#### RESIDENCE Cost, \$.....

**SAN MATEO**, San Mateo Co., Calif. Two-story frame and stucco duplex residence (two five-room apts.) hardwood floors, tile bath, terra cotta tile roof, steel sash, canvas walls, hot air oil burning heating system, tile terrace and steps, social room, 3-car garage, etc.

Owner—Manuel Coreia.  
Architect—Otto Hinterman, Call Bldg., San Francisco.

#### Preparing Preliminary Plans

**RESIDENCE** Cost, \$5,000  
**SAN CARLOS**, San Mateo Co., Calif.  
One - story frame and stucco residence (5 rooms) hardwood floors, tile baths, wood sash, etc.

Owner—E. Klee.  
Mgr. of Constr.—Cyril Doane, 760 Russ Bldg., San Francisco.

#### Plans Completed

**RESIDENCE** Cust, \$5,000  
**EAST OAKLAND**, Ala. Co., Calif. 1st Way.

One-story frame and rustic residence (5 rooms), hardwood floors, tile bath, shake roof, has heating plant, etc.

Owner—Harry A. White.  
Architect—Plan by Paul V. Tuttle.  
Contractor—Charles W. Falk, 1520 E 38th Street, Oakland.

#### Heating and Ventilating Contract Awarded

**RESIDENCE** Cent. Pr., \$20,180  
**SAN FRANCISCO**, Marina Blvd.  
Two-story and basement frame residence (10 rooms, 4 baths), brick, wood and stucco exterior, asbestos shingle and composition roof, oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas-fired hot air heating system.

Owner—Withheld.  
Architect—Sidney A. Colton, 544 Market Street.

Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St.  
Contract for heating and ventilating awarded Atlas Heating and Street.

#### Plans Being Figured

**RESIDENCE** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Cal.  
One-story frame residence, tile and concrete floors.

Owner—Paul Campbell.  
Architect—W. W. Wurster, 260 California St., San Francisco.

Bids are now being received by the owner from a selected list of local contractors.

#### Contract Awarded

**RANCH HOUSE** Cont. Pr., \$15,451  
**ST. HELENA**, Napa Co., Calif.  
Two-story wood ranch house (ten rooms), hardwood floors, linoleum baths, oil burning hot air heating system, rigid asbestos shingle roof, etc.  
Owner—E. L. Harris, St. Helena.

Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
Contractor—Earl Long, 2206 Tockey St., Napa.

#### Heating and Ventilating Contract Awarded

**RESIDENCE** Cont. Pr., \$20,180  
**SAN FRANCISCO**, Marina Blvd.  
Two - story and basement frame residence (ten rooms, four baths), brick, wood and stucco exterior, asbestos shingle and composition roof, oak plank floors, wall paper and canvas walls, tile baths, kitchen and pantry, gas-fired hot air heating system.

Owner—Withheld.  
Architect—Sidney A. Colton, 544 Market Street.

Contractor—G. P. W. Jensen &

Sons, Inc., 320 Market St.  
Contract for heating and ventilating awarded Atlas Heating and Ventilating Co., 557 4th St.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
SAN MATEO, San Mateo Co., Calif.  
Lot 8, Block 6, Edgewood Park.  
One - story frame and stucco residence.  
Owner — Ernest Rolison, Redwood City.  
Architect — Henry C. Collins, Decker Oak Bldg., Palo Alto.  
Contractor — Emil G. Steinegger, 1123 Clinton St., Redwood City.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
SAN FRANCISCO, W Beaumont 104 N of Turk Street.  
One - story frame and stucco residence.  
Owner — N. Lester.  
Architect — Conrad T. Kett, 519 California Street.  
Contractor — Herman C. Hogrefe, 359 24th Avenue.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
SAN FRANCISCO, W Jefferson St. 167 north of Balboa.  
Two - story frame and stucco residence.  
Owner — W. A. Newsom, c/o contractor  
Architect — Not Given.  
Contractor — Villa Moret, Inc., 703 Market Street.

**Correction In Location**  
**FRATERNITY HOUSE** Cost, \$35,000  
PALO ALTO, Santa Clara Co., Cal.  
Stanford Campus.  
Two-story frame and stucco fraternity house, hardwood floors, tile baths, shingle roof, etc.  
Owner — Delta Kappa Epsilon Fraternity, Palo Alto.  
Architect — Gardner A. Dailey, 210 Post St., San Francisco.  
Contractor — H. Larsen, 614 North Park, San Francisco.  
H. H. Larsen desires sub-bids on all portions of the work.

**Preparing Plans**  
**ALTERATIONS, ETC.** Cost, \$.....  
SAN FRANCISCO, 1658 19th Ave.  
Set back residence 30 feet, add two car garage and retaining wall.  
Owner — Withheld.  
Architect — Otto G. Hintermann, Call Building.

**Contract Awarded**  
**DUPLEX RESIDENCE** Cost, \$12,500  
OAKLAND, Alameda Co., Cal. Scott Street.  
Two - story frame and stucco residence (hardwood floors, tile baths, etc.)  
Owner — J. Geigner.  
Architect — Irwin M. Johnson, 2219 Seventh Ave., Oakland.  
Contractor — Geo. Windsor, 928 Kings-ton Ave., Piedmont.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
ORINDA, Alameda Co., Calif.  
One - story frame and stucco residence (5 rooms), hardwood floors, linoleum bath, tile roof, oil burning furnace, wood sash, etc.  
Owner — M. Olvera.  
Architect — F. L. Confer, 314 Claremont Ave., Berkeley.  
Contractor — Earl M. Malott, 269 Seenic Ave., Piedmont.

**Contract Awarded**  
**RESIDENCE** Cont. Price, \$937  
OAKLAND, Alameda Co., Calif. Sequoia Hills.  
Two - story frame and stucco residence (7 rooms) wood shake roof, hardwood floors, tile baths, etc.  
Owner — W. G. Gerend.

**Architect — Frederick H. Reimers, 233 Post St., San Francisco.**  
Contractor — Victor Sigge, 3912 Linwood Ave., Oakland.

**Contract Awarded**  
**PIEDMONT ESTATES, Alameda Co.** Cost, \$.....  
Two-story residence (9 rooms).  
Owner — Dr. Coate.  
Architect — Miller and Warnecke, Financial Center Bldg., Oakland.  
Contractor — O. Petersen, 3626 Rhoda Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4,000 each  
SAN FRANCISCO, N Teresita east side of Verma Street.  
Five one-story frame and stucco residences.  
Owner and Builder — Meyer Bros., 735 Portola Drive.  
Architect — Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
INGAME HILLS, San Mateo Co., Calif. Lot 7, Blk. 1, Bella Vista Drive.  
Two-story frame and stucco residence.  
Owner — Flora P. Olmo.  
Architect — Not Given.  
Contractor — Leogfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Owner Taking Segregated Bids**  
**RESIDENCE** Cost, \$6,000  
OAKLAND, Alameda Co., Calif.  
One - story frame and stucco residence (6 rooms) shingle roof, hardwood floors, tile bath, etc.  
Owner — E. J. Becker, 3532 San Leandro St., Oakland.  
Architect — Not Given.

**Owner Taking General Bids**  
**RESIDENCE** Cost, \$5,500  
OAKLAND, Alameda Co., Calif.  
One - story frame and stucco residence (five rooms) shingle roof, hardwood floors, tile bath, etc.  
Owner — J. E. Carey, License Dept., Oakland City Hall.  
Architect — Not Given.

**Owner Taking General Bids**  
**RESIDENCE** Cost, \$3,500  
OAKLAND, Alameda Co., Calif.  
One - story frame and rustic residence (4 rooms) shingle roof, hardwood floors, tile bath, etc.  
Owner — D. L. Toll, 323 School St., Oakland.  
Architect — Not Given.

**Plans Being Figured — To Close on June 29, 12 Noon**  
**ADDITION** \$6000  
SANTA ROSA, Sonoma Co., Calif.  
Two-story frame and stucco residence, hardwood floors, tile bath, etc.  
Owner — T. W. Brownscombe.  
Architect — John Easterly, Healdsburg and Santa Rosa.  
Following contractors are figuring plans:  
C. L. Personett, 731 Santa Rosa Ave., Santa Rosa.  
Jack Wester, P.O. Box 51, Fetters Springs.  
J. K. Babeock, Santa Rosa.  
Leon Koch, 526 Orchard St., Santa Rosa.

**Completing Plans**  
**RESIDENCE** Cost, \$.....  
SANTA ROSA, Calif.  
One-story frame and stucco residence (5 rooms, 1 bath), hardwood floors, tile bath, etc.  
Owner — Alice Tracy, San Rafael.  
Architect — John Easterly, Healdsburg and Santa Rosa.  
Plans will be completed and general bids asked within a few days.

**Low Bidder**  
**RESIDENCE** Cost, \$.....

**SAN MATEO, Baywood Tract**  
1½ - story frame and stucco residence (8 rooms), hardwood floors, shingle tile roof, steel sash, gas fired hot air heating system, garage, etc.  
Owner — R. P. Middlekauff.  
Architect — Francis E. Lloyd, 360 Fine St., San Francisco.  
Low Bidder — T. A. Cuthbertson, 430 Noriega St., San Francisco.

**Bids In—Held Under Advice**  
**RESIDENCE** Cost, \$.....  
HILLSBOROUGH OAKS, San Mateo Co., Calif.  
Two - story frame and stucco residence (ten rooms), hardwood floors, tile baths, shingle roof, hot air heating system, etc.  
Owner — E. J. McClanahan, c/o Architect  
Architect — Angus McSweeney, 604 Mission St., San Francisco  
Announcement shortly

**Completing Working Drawings**  
**RESIDENCE** Cost, \$.....  
PALO ALTO, Santa Clara Co., Calif.  
Two - story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood shingle roof, oil-fired hot air heating system, etc.  
Owner — Withheld.  
Architect — A. C. Williams, 51 Arguello Blvd., San Francisco.  
Plans will be completed in about one week and general figures received from a selected list of contractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
SAN FRANCISCO, Calif. SE Corner Alemany Blvd. and St. Charles Street.  
One-story and basement frame residence.  
Owner — Calif. Evergreen Nurseries, 4553 Mission St.  
Architect — Not Given.  
Contractor — John Oliva, 542 Vienna

**Plans Being Completed**  
**RESIDENCE** Cost, \$.....  
MESA TRACT  
MESA FIELD, Marin Co., Calif. Del  
Two-story and basement frame and stucco residence (9 rooms), wood sash, hardwood floors, tile baths, shake roof, gas hot air heating system, etc.  
Owner — A. H. Burnett, c/o Architect  
Architect — C. F. Gromme, Frettas Bldg., San Rafael.  
Plans will be completed shortly and general figures received from a selected list of contractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
OAKLAND, Alameda Co., Calif. 5685 La Salle Ave.  
Two-story frame and stucco residence (8 rooms).  
Owner — H. L. Atkinson, 396 Vernon St.  
Architect — Not Given.  
Contractor — J. H. Pickrell, 1738 Alameda Ave., Alameda.

**15 — SCHOOLS**

**BIDS WANTED**  
**LIVINGSTON, Merced Co., Calif.**— Until June 29 8 p.m., bids will be received by Dr. N. S. Peck, Clerk, Merced Union High School District, for the construction of an addition to Manual Arts Building at the High School, in Livingston.  
Plans and specifications may be obtained from W. E. Bedesen, Engineer, Merced, upon deposit of \$5.00.

**BIDS OPENED**  
**SAN FRANCISCO.** Following are complete bids received by the Dept of Public Works, Room 251, City Hall, for laying wood floors and

thexcess in the Excelonor School, Pico and Alameda Aves. and Lisbon St., the Garfield School, Kearny and Filbert streets, and the Sutro School, 13th Ave. and Clement St.

Excelsior School	.....	\$4,380
Peter Sartorio	.....	4,470
M. E. Vukeyevich	.....	4,481
Frank J. Reilly Co.	.....	4,481
Mission Concrete Constructors	.....	5,190
F. C. Amoroso & Son	.....	5,320
All of San Francisco	.....	
Garfield School	.....	3,481
Frank J. Reilly Co.	.....	3,481
Peter Sartorio	.....	3,488
Mission Concrete Constructors	.....	3,500
F. C. Amoroso & Son	.....	3,670
All of San Francisco	.....	
Sutro School	.....	2,961
Frank J. Reilly Co.	.....	2,978
J. Harold Johnson	.....	3,029
Peter Sartorio	.....	3,098
M. E. Vukeyevich	.....	3,193
Mission Concrete Constructors	.....	3,250
F. C. Amoroso & Son	.....	3,350
All of San Francisco	.....	

#### BOND ELECTION

ALUM ROCK, Santa Clara Co., Cal.—Alum Rock Union School District will vote on July 14 on a proposal to issue bonds in amount of \$55,000, proceeds to finance construction of school improvements.

#### BIDS WANTED

SAN FRANCISCO.—Until June 30, 1:45 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing one pair Kalmahm doors; salvage present hardware on existing doors, and supply new hardware where needed at Polytechnic High School.

Additional information may be obtained from the Superintendent of Public Buildings, R. A. Chisholm, 454 11th St.

#### BONDS VOTED

HORN BROOK, Siskiyou Co., Cal.—Hornbrook School District has voted bonds in the amount of \$18,350 to finance construction of a school building.

#### GRADING BIDS BEING RECEIVED

SAN MATEO, Calif.—San Mateo Junior College and High School District will open bids July 1 for grading work on the site of the proposed new junior college and high school, for which Architect Harry A. Thomson, San Francisco, is now completing plans.

**Bids Opened**  
SCHOOL ADDITION Cost, \$30,000  
SACRAMENTO, Calif. 16th and Valje Way.

One-story frame and brick veneer addition of six classrooms.  
Owner—Sacramento City School District.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Bids were taken under the following alternates:

Alt 1: Deduct for omission of two-room unit, equal to rooms 3 and 4;  
Alt 2: For additional units of two rooms, equal to rooms 3 and 4.  
Complete bids follow:

L. L. Wolfson, 1768 11th Ave., Sacramento \$25,288; (1) \$6,916; (2) \$7,291.

Otto Steinbrenner—\$25,639; (1) \$7,273; (2) \$7,388.

M. E. Peterson—\$25,595; (1) \$7,119; (2) \$7,125.

Chas. F. Unger—\$26,560; (1) \$7,137; (2) \$7,547.

Lawrence Const. Co. \$26,783; (1) \$7,338; (2) \$7,238.

W. C. Ketchum—\$27,240; (1) \$7,700; (2) \$8,000.

Holdener Const. Co.—\$28,000; (1) \$7,900; (2) \$8,100.

Peterson Const. Co.—\$29,100; (1) \$8,100; (2) \$8,236.

W. E. Treadale—\$29,769; (1) \$8,020; (2) \$8,276.

All of Sacramento.

**Bids Wanted—To Close July 9,**

8 P. M.  
SCHOOL. Cost, \$30,000  
OROSI, Tulare Co., Calif.

Four-room reinforced concrete addition to high school (file roof).

Owner—Orosi Un. High School District.  
Architect—Frederick L. Swartz, Brix Bldg., Fresno.

**Material Bids Wanted — To Close**

July 7, 4:45 P. M.  
RECONSTRUCTION  
BERKELEY, Alameda Co., Cal. Claremont Avenue.

Reconstruction of John Muir School, Jefferson School, and Lincoln School.

Owner—Berkeley Unified School District (Clara F. Andrews, Secy.), 2325 Milvia St., Berkeley.

Engineer—Thos. F. Chace, Berkeley Board of Education.

Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.

The work will be done by the WPA. Bidding information may be obtained from the Purchasing Agent, Administration Bldg., Room 108. Bids should be delivered to the Secretary, Room 203, Administration Bldg.

**Preliminary Plans Approved**

SCHOOL ADDITION Cost, \$140,000  
BERKELEY, Alameda Co., Calif. NE Milvia and Virginia Sts.

Whittier Elementary School addition of approx. 13 classrooms, principals' office, cafeteria, rest rooms, lavatories and an auditorium.

Owner—Berkeley Unified School District.

Architect—P. L. Dragon and C. R. Schmidts and B. R. Hardman and G. Officer, 2068 Alston Street, Oakland.

Architects have been instructed to prepare working drawings.

#### BIDS OPENED

FRESNO, Calif.—B. A. Newman Co., 320 N. H St., at \$5,158, submitted the bid to the City of Fresno School District, L. L. Smith, Secretary, for installing a new furnace in the Lincoln School Bldg., C and Mono Sts., Fresno.

Complete bids follow:  
B. A. Newman Co., 320 N. H Street .....

.....\$5,158  
Barrett-Hicks Co. .... 5,514  
Frank Hudson .....

.....5,888  
Victor Cox .....

.....6,237  
Bids held under advisement.

**Bids In—Held Under Advisement**  
SCHOOL Cost, \$12,000

SALINAS, Monterey Co., Calif.  
One-story frame and stucco school building (2 classrooms and meeting room), composition and tile roof, maple floor in meeting room, pine floors in classrooms, etc.

Owner—Chinese Association of Salinas.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Announcement shortly.

**Bids Wanted — To Close July 6,**

8 P. M.  
ADDITION Cost, \$10,000  
TEHACHAPI, Kern Co., Calif.

Elementary school addition (1 room and toilet), stucco exterior, concrete frame, wood interior partitions, asbestos shingle and composition roof, Douglas fir and linoleum floors, unit heating system under floors, plaster

interior walls.

Owner—Tehachapi School District.  
Architect—Symmes & Willard; Stanton Willard, Architect, 215 Habertele Bldg., Bakersfield.

#### BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—Architect Chas. H. Biggar, Habertele Bldg. has been authorized by the Bakersfield Board of Education to take bids for an industrial arts building to be built at Emerson grammar school and for remodeling school administration headquarters.

#### BIDS WANTED

SAN FRANCISCO.—Until June 30, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, for interior painting at the Frank McCoppin School, 7th Ave., bet. Balboa and Cahill Sts., estimated cost \$1,950; Lafayette School, Anza St., bet. 36th and 37th Aves., est. cost \$2,200; Cahill School, 24th Ave., bet. Balboa and Cabrillo Sts., est. cost \$1,700; Junipero Serra School, Highland Ave. and Holly Park Circle, est. cost \$1,750; and for exterior painting at the Galileo High School, Van Ness Ave. and Francisco St., est. cost \$2,700.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall. No deposit required; \$25 per day penalty if work is not completed by August 8.

#### BONDS VOTED

WASCO, Kern Co., Calif.—Wasco Union Elementary School District on June 11 affirmed a \$75,000 bond issue, proceeds to be used to finance construction of two more classrooms, a cafeteria and to provide a sanitary system at Wasco grammar school. Plans for the original building, a concrete structure, were drawn by Perrine & Mackie, Western Pacific Bldg., Los Angeles.

Additional Sub-Contracts Awarded  
SCHOOL Contract Price, \$41,640  
SACRAMENTO, Sacramento Co., Cal. San Miguel Way and D Street.

One-story wood frame and stucco elementary school (6 classrooms, kindergarten, library, administrative offices) concrete floors in corridors, linoleum floors in the classrooms, a big tile roof, etc. (Theodore Judah School).

Owner—Sacramento City School District.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—William C. Keating 1121 24th St., Sacramento.

Electric Wiring—Reliable Elevator Works, 619 California St., Sacramento.

Headquarters—Hateley and Hateley, 1714 Tenth St., Sacramento.

Window Shades—Wm. A. Rapp & Co., 622 20th St., Sacramento.

Grading—J. R. Reeves, P. O. Box 1072 Sacramento.

Linoleum—Elder's Drapery Studio, 1706 Jay St., Sacramento.

Sub-contracts awarded previously published June 10.

Sub Contracts Awarded  
SCHOOL Cont. Pr. \$68,427  
LOST HILLS, Kern Co., Calif.

Reinforced concrete school building (4 classrooms and auditorium), tile roof, steam heat, etc.

Owner—Lost Hills School District.

Architect—Perrine & Mackie (H. E. Mackie, architect), 908 Western Pacific Bldg., Los Angeles.

Contractor—Harris Const. Co., 577 McKinley Ave., Fresno.

Electric Heating & Sheet Metal—J. E. Pettjohn & Co., 1115-17 Golden State Highway, Delano.

Glass—W. P. Fuller Co.

Foundations—Malster Bros., P. O.



Box 2278.  
Mill Work—Hollenbeck Bush Planing Mill Co., P.O. Box 605.  
Painting—C. C. Larsen, 3119 Alta Ave.  
Lathing and Plastering—W. F. Schmiedeberg, 3533 Iowa Ave.  
All of Fresno unless otherwise noted.

**BIDS WANTED**

ALAMEDA, Calif.—Until June 29, 8 p.m., bids will be received by Wm. G. Paden, Secretary, Alameda Board of Education, for furnishing and delivering school furniture, equipment and supplies.  
Specifications may be obtained from above office.

**Sub Contracts Awarded**  
**REMODEL ASSEMBLY HALL**

Cost, \$100,000  
PALO ALTO, Santa Clara Co., Calif Stanford University Campus.  
Remodel old assembly hall into a graduate school of business.  
Owner—Stanford University.  
Architect—Baikewell & Wethe and Arthur Brown, Jr., associate architects, 251 Kearny St., San Francisco.

Contractor—Geo. Wagner, 181 South Park, San Francisco.

**Structural Steel—Judson-Pacific Co., 609 Mission St., San Francisco**

**Stones—Calif. Cut Stone & Granite Works, Railroad and Magonilla Ave., South San Francisco.**

**Mill Work—Pacific Mfg. Co., Santa Clara.**

**Roofing—Reaves Roofing Co., Rte. 1, Box 806, Palo Alto.**

**Insulation—Western Asbestos Co., 675 Townsend St., San Francisco**

As previously reported:  
**Mechanical Equipment & Plumbing—James H. Pinkerton Co., 927 Howard St., San Francisco.**

**Electric Wiring—Roy M. Butcher, 1020 Sherwood St., San Jose.**

**ADDITIONAL SUB-CONTRACTS AWARDED**

PASADENA, Calif.—Wm. C. Crowley, 495 S Broadway, Pasadena, reports that additional sub-contracts for the construction of university buildings in Pasadena, for the Pasadena Institute of Technology, have been awarded as follows: Glass and glazing to W. P. Fuller & Co.; ornamental iron to Vogan Iron Works; steel sash to Michel & Pfeiffer Iron Works; mill work to Pacific Mfg. Co.; painting to J. F. Davis; finish tile to Premier Tile & Marble Co.; cast stone to Watkins Co., Ltd

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**SHOP BLDG.** Contract Pr., \$22,680  
HAWAII, Kings Co., Calif.

Frame and stucco agriculture shop building (composition roof, wood trusses).

Owner—Hanford Union High School District.

Architect—D. H. Horn, 433 Rowell Bldg., Fresno.

Contractor—Chas. Beck, Hanford.

**Contract Awarded**  
**STORE 31-DG.** Cost, \$23,950  
SACRAMENTO, Calif. 8th St., bet. J and K Sts.

One-story reinforced concrete and brick store building (4 stores), composition roofing, steel sash, cement floors, structural and plate glass fronts, etc.

Owner—Campbell Estate.

Architect—Breo Freeman, Security Bldg., Pasadena.

Contractor—W. C. Keating, 1121 24th St., Sacramento.

Preparing Working Drawings

**ALTER STORE BUILDING**  
Estimated Cost, \$30,000  
BAKERSFIELD, Kern Co., Cal. 19th and K Streets.

Alter interior and exterior of store building; new tile and metal front.

Owner—Federal Outfitting Co., 766 Mission St., San Francisco.

Architect—Earl B. Bertz, 681 Market St., San Francisco.

**Contract Awarded**  
**ALTERATIONS, ETC.** Cost, \$30,000  
STOCKTON, San Joaquin Co., Calif. 940 East Park Street.

Alterations & additions (install mezzanine floor).

Owner—D. H. Steinmetz, 940 E Park St., Stockton.

Architect—Not Given.

Contractor—Ford J. Twaits Co., 816 W 5th St., Los Angeles.

**Contracts Awarded**  
**ALTERATIONS** Cost, \$10,577  
SAN FRANCISCO, 821 Market St.

Alterations and additions to Pacific Bldg. (remove and rebuild partitions, strengthen floors).

Owner—Home Owners Loan Corp., 821 Market St.

**Plans by Owner.**

**Contractor—F. E. Siegrist, 611 Mission Street.**

**Electric Work—Lynch Electric Company, 2080 Sutter St., \$9,175.**

**PREPARING PLANS**  
HUNTINGTON PARK, Los Angeles Co., Calif.—Architects Norstrom & Anderson, 424 Insurance Exchange Bldg., are preparing plans for a one-story, brick and reinforced concrete store building to be built at 6413-19 Pacific Blvd., Huntington Park, for Allied Properties; Grayson's Ladies Wear, Betty Maid Shop and Manning's Coffee Shop, lessees; 57x150 ft. in area, wood, cement and terrazzo floors, composition roofing, skylights, metal store front, structural glass, plumbing, electric wiring, plastering; cost, \$50,000. An existing building on the site will be demolished.

**Completing Plans**  
**BANK BLDG.** Cost, \$ —  
KERNAN, Fresno Co., Calif.

New Bank of America building.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Engr. Dept. of Owner.

**Completing Plans**  
**BANK BLDG.** Cost, \$ —  
WILLOWS, Glenn County, Calif.

Alterations to Bank of America bldg.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Engr. Dept. of Owner.

**PLANS BEING FIGURED**  
CULVER CITY, Los Angeles Co., Calif.—Metro-Goldwyn-Mayer Studios, 10202 Washington Blvd., Culver City, are taking general contract bids for the construction of a steel frame office building on Grant St., Culver City, for the studios. Estimated cost, \$750,000. Claud Eelman, 1019 Union Bank Bldg., Los Angeles, architect.

**To Be Done By Day's Work**  
**CAFFETERIA** Cost, \$10,000  
OAKLAND, Alameda Co., Calif. 601 36th Ave.

One-story cafeteria building.

Owner—Ovens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.

Plans by Owner.

**Contract Awarded**  
**ADDITIONS** Cost, \$50,000-\$60,000  
BAKERSFIELD, Kern County, Cal. 19th and K Streets.

Alterations and additions to New Fish building (3-story mercantile bldg., 115x132-ft., to be built in

Bakersfield for the Fish Estate; walls, composition roofing, metal and rabbit bit surfacing, steam and hot water heating, elevators, fire escapes, plate glass, steel rolling doors, steel windows structural steel, stucco, terrazzo and tile work, waterproofing).

Owner—Estatat Company.

Lessee—Sears-Robuck Company.

Architect—Chas. H. Biggar, 554 Harborfield Bldg., Bakersfield.

Contractor—Henry Essler, 2229 18th St., Bakersfield.

**17— THEATRES**

**BIDS BEING TAKEN**  
LOS ANGELES, Cal.—Until July 2, 12 N., Architect C. J. Balch, 1554 W. Washington Blvd., will take bids for a reinforced concrete theater and store building, 105x120 ft. in area, to be built at 604-14 N La Brea Ave. for David Gordon. Cost, \$40,000.

**BIDS OPENED**  
SAN LUIS OBISPO, Cal.—Granite Const. Co., Watsonville, at \$5,212.24 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for constructing tennis courts; furnishing and erecting court fences, and nets; and painting playing lines, at the California Polytechnic School at San Luis Obispo. Complete bids follow:

(1) 456 1/2 ft. tennis court fencing;

(2) 12,960 sq. ft. tennis court surf; (3) misc. items of work;

(4) total.

Granite Const. Co. .... (1) \$ 2.24

..... (2) .155

..... (3) 182.00

..... (4) 3,212.24

F. C. Stole Co., Oakland (1) \$ 2.55

..... (2) .22

..... (3) 150.00

..... (4) 4,164.00

Pacific Fence Const. Co., Hollywood ..... (1) \$ 1.93

..... (4) 880.08

Bids held under advisement.

**COMPLETING PLANS**  
LOS ANGELES, Calif.—Swift & Co., Chicago, are completing plans in their engineering department in Chicago for a new \$1,000,000 packing plant to be built at the company's headquarters in Los Angeles, located at 3750 Jewel Ave. The plans have been approved by the Bureau of Animal Industry and are expected to be completed in about 2 months, when competitive bids for the erection of the plant will be taken locally. It will consist of several four-story reinforced concrete buildings and will replace the plant now in use at First Street and Santa Fe Ave.

**LOW BIDDER**  
BONNEVILLE, Oregon.—Walfe & Mann Mfg. Co., 312 Hanover St., Baltimore, Md., at \$12,303, submitted low bid to U. S. Engineer Office, Second Portland District, Portland, for constructing and delivering f.o.b. railroad cars at factory shipping point, 8 items of cubicles and cabinets for the Bonneville project.

**Bonds Defeated**  
**SWIMMING POOL** Cost, \$

EUREKA, Humboldt Co., Calif. Site to be selected.

Reinforced concrete swimming pool (40x120-ft.) filtering plant, dressing rooms, showers, etc.

Owner—City of Eureka (City Clerk A. Walter Kiddale).

Architect—Not Selected.

The city of Eureka defeated bonds June 21 in the amount of \$60,000, proceeds of which were to have financed construction of the pool.

**To Be Done By Days Work**  
**EXPOSITION PARK**, Alameda Co., Calif., \$5,000,000  
**SAN PABLO**, Contra Costa County.  
 Exposition park and race track.  
 Owner—J. J. Jerome.  
 Architect—Not Given.

Board of Supervisors has granted a franchise to J. J. Jerome for immediate construction of the exposition park.

#### BIDS WANTED

**BERKELEY**, Alameda Co., Calif.  
 Until July 21, 11 A. M., bids will be received by the University of California, California Hall, U. C., Berkeley, for furnishing and installing folding bleachers in the Gymnasium now under construction at the University Farm, Davis, Calif.

Plans and specifications obtainable from the Cashier's Window at the above address, upon deposit of \$10.

#### BIDS REJECTED

**BAKERSFIELD**, Kern Co., Calif.—Bakersfield City Council rejected all bids received June 7 for repairs and alterations to a swimming pool in Beale Park, Bakersfield, and instructed the City Clerk to advertise for new bids. Opperman & Co. submitted low bid, at \$18,254.

#### Preparing Working Drawings

**BANK** Cost, \$50,000  
**JACKSON**, Amador Co., Calif. Main Street.

One-story and mezzanine modern bank building, reinforced concrete construction, central heating and ventilating system, modern low-type banking fixtures, etc.; 40-ft. frontage, 5,000 sq. ft.)  
 Owner—Capital company, 625 Market St., San Francisco.

Plans prepared by the Construction Department of the Owner.

#### SUB-CONTRACTS AWARDED

**BAKERSFIELD**, Kern Co., Calif.—Wm. M. McKinney, 902 15th Street, Bakersfield, awarded the following sub-contracts for the alterations and repairs to swimming pool (40x90-ft.) in Central Park, Bakersfield:  
**Plumbing**—A. E. Abbott, 910 Monterey St., Bakersfield.  
**Concrete**—Opperman and Co., 1327 Orange Drive, Bakersfield.  
 amount Bldg., Clearwater.

**Gunite**—Macco Const. Co., 115 Par-SUB Contracts Awarded

**ADDITION** Cost, \$12,940  
**SAN FRANCISCO**, Bayshore Blvd.  
 One-story reinforced concrete and brick veneer employees' building.  
 Owner—Consolidated Chemical Industries, Inc., Bayshore Blvd.  
 Architect—Farr & Ward, 68 Post St.  
 Contractor—Barrett & Hilp, 918 Harrison St.

**Electric Wiring**—United Elec. Constr. Co., 54 Golden Gate Ave.  
**Masonry**—Wm. A. Rainey & Son, 323 Clementina St.

#### PLANS BEING FIGURED

**BOULDER CITY**, Nevada.—National Park Service, San Francisco, is taking bids for remodeling the former Six Companies hospital in Boulder City for use as an office building. The sum of \$12,000 has been appropriated for remodeling and landscaping.

#### CONTRACT AWARDED

**SAN DIEGO**, Calif.—V. R. Dennis Const. Co., P. O. Box F, Station A, San Diego, at \$2,535, awarded contract by the Naval Operating Base, 11th Naval District, San Diego, under Spec. No. 595, for constructing additional parking planes at the Naval Operating Base, Naval Air Station, San Diego.

#### BIDS WANTED

**FORT WINFIELD SCOTT**, Calif.—

Until June 28, 10 a. m., bids will be received by the Signal Office, W. L. Winner, Radio Engineer, Hqrs. Ninth Corps Area, Presidio of S. F., under Bid No. 1084-SG-37-7, for dismantling two radio towers, located at Medford, Ore., and transporting them to Radio Station, Ft. Winfield Scott, Calif.

#### BIDS OPENED

**SAN FRANCISCO**, Calif.—General Engineering & Drydock Co., 1100 Sansome, San Francisco, at \$2,095, submitted the low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Spec. No. 1830, for drydocking and repairing the fireboat, "Dennia T. Sullivan."

Total bids follow:  
 Gen. Eng. & Drydock Co., \$2,095  
 San Francisco, 2,210  
 Moore Drydock Co., Oakland, 2,210  
 Bethlehem Shipbuilding Corp., 2,315

#### Contract Awarded

**RACING STABLE** Cost, \$3,150  
**SANTA ROSA**, Sonoma Co., Calif.  
 Fair Grounds.  
 Fifty-stall racing stable.  
 Owner—Sonoma County Fair Assn.  
 Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.  
 Contractor—Allan F. Smith, 200 Se-hastopol Ave., Santa Rosa.

#### Planned

**ENHIBIT BLDG.** Cost, \$100,000  
**YERBA BUENA SHOALS**, Site of 1929 World's Fair.  
 Exhibit building.  
 Owner—State of Illinois.  
 Architect—Not Given.

An appropriation of \$100,000 has been voted by the Illinois State Legislature to finance construction of building.

#### Preparing Working Drawings

**HOSPITAL** Cost, \$100,000  
**WATSONVILLE**, Santa Cruz Co., Calif.

One-story reinforced concrete and frame hospital building.  
 Owner—Name Withheld.  
 Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

### 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**OAKLAND**, Calif.—Great Western Electro-Chemical Co., 9 Main Street, San Francisco, at \$6400 awarded the contract by the East Bay Municipal Utility District, Oakland, under Bid No. 876, for furnishing 80 tons of liquid chlorine.

#### BIDS OPENED

**OAKLAND**, Calif.—Following bids were submitted to the East Bay Municipal Utility District, 512 16th St., Oakland, under Spec. No. 198, for 113,000 sq. ft. of asphaltic street paving and 500 cubic feet of asphaltic base:

The identical bid of \$37,338 was submitted on item 4 by:  
 C. F. Hughes Company;  
 Melrose Building Materials Co.;  
 Transit Concrete Co., Ltd.;  
 Rhodes and Kennedy Co.  
 Independent Const. Co. (1) \$287.50  
 (2) \$32,205; (3) \$160.  
 Ransome Company: (1) \$275; (2) \$29,260; (3) \$140.  
 W. H. Larson: (1) \$255; (2) \$31,640; (3) \$130.

#### BIDS OPENED

**OAKLAND**, Calif.—Johns-Navinille Sales Corp., 4266 Piedmont Avenue, Oakland, at \$15,694, submitted the only bid to the East Bay Municipal Utility District, 512 16th St., Oakland, under Spec. No. L.S. 200, for furnishing 16,000 lb. of 4- to 12-in. diameter asbestos pipe

#### CONTRACT AWARDED

**LOS ANGELES**, Calif.—Monolith Portland Cement Co. was awarded contract by the Metropolitan Water District, Los Angeles, June 18, at \$1.19 barrel for 425,000 barrels of cement with option to purchase 25% more. Spec. 215. Bids were opened June 4.

#### BIDS REJECTED

**LOS ANGELES**, Cal.—U. S. Indian Irrigation Service, Los Angeles, has rejected bids received June 11 for 37,200 ft. of creosoted D F for Colorado River Project, Invt. 0415.



Complete  
 Construction  
 Reports—  
 Building and  
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 News of  
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 Projects in  
 All Other  
 Western  
 States  
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465 Tenth St.  
 San Francisco

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                                     |                                    |
|-----------------------------------------------------|------------------------------------|
| 21—Bridges                                          | 30—Reservoirs and Dams             |
| 22—Dredging, Harbor Works, Excav., Irrigation Proj. | 31—Pipe Lines and Wells            |
| 23—St. Light Systems                                | 32—Sewers & Sewage Disposal Plants |
| 24—Machinery and Equipment                          | 33—Water Works                     |
| 25—Fire Alarm Syst.                                 | 34—Parks & Play grounds            |
| 26—Fire Equipment                                   | 35—Tunnels                         |
| 27—Streets & Highways                               |                                    |

## 21— BRIDGES

## CONTRACT AWARDED

SONOMA, Sonoma Co., Cal.—R. C. Lande, Sonoma, at \$1600, awarded the contract by Sonoma City Council, Elsie A. Gottenberg, City Clerk. City Hall, Sonoma, is to be a reinforced concrete bridge in Third St. East, near East Napa Street.

## CONTRACT AWARDED

DEL NORTE CO., Calif.—F. O. Bohnett, Campbell, at \$50,644.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge across Myrtle Creek, about ten miles north of Crescent City, consisting of eighteen 15-foot cast spans on an open spandrel arch and concrete bents and abutments, and about 0.24 mile of roadway grading and treating with asphalt.

## BIDS WANTED

MONTEREY COUNTY, Cal.—Until July 2, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing a reinforced concrete bridge across Big Creek about 49 miles south of Monterey, consisting of two 177-ft. 6-in. open spandrel arch spans; two 81-ft. 6-in. open spandrel arch girders and two 34-ft. 6-in. girder spans.

The work involves:

- (1) 1,000 c.y. stripping;
  - (2) 1,500 c.y. struc. excav.;
  - (3) 480,000 lbs. bar reinf. steel;
  - (4) 510 c.y. Class A portland cement concrete footing blocks;
  - (5) 1,910 c.y. Class A portland cement concrete struc.;
  - (6) 675 c.y. Class A portland cement concrete arch ribs and struts;
  - (7) 35 c.y. Class A portland cement concrete railing;
  - (8) 114,000 lbs. struc. steel;
  - (9) 5,100 lbs. cast steel;
  - (10) 1,830 lbs. cast iron;
  - (11) 80 lf. 12-in. CMP;
  - (12) 100 lf. temporary timber guard rail;
  - (13) 2 each clearance markers;
  - (14) 2 each 125-ton hydraulic jacks;
  - (15) 1 lot misc. items of work.
- The State will furnish CMP and coupling bans.

## BIDS WANTED

VENTURA CO., Calif.—Until July 15, 2 p. m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a reinforced concrete girder bridge across Big Sycamore Creek, about 10 miles south of Ox-

nard, consisting of one 59-foot span on concrete abutments.

The work involves:

- (1) 1,700 c.y. channel excavation;
- (2) 1,300 c.y. channel excavation;
- (3) 150,000 lbs. bar reinf. steel;
- (4) 445 c.y. Class A portland cement conc. footing blocks;
- (5) 795 c.y. Class A portland cement concrete struts;
- (6) 6 c.y. Class A portland cement concrete (ralling);
- (7) 200 lf. bank protection fence;
- (8) 1 lot misc. items of work.

## LDW BIDDER

ARIZONA STATE HIGHWAY.—Tiffany Constr. Co., Phoenix, submitted low bid to Arizona State Highway Commission, Phoenix, Ariz., at \$54,002.00, for construction of an overpass structure and approaches on Florence-Tucson Highway, about 8 mi. west of Florence and  $\frac{1}{4}$  mile east of highway junction car Casa Grande Ruins, WPGH 94-B, involving: 65,900 c.y. imported borrow (C I P in fill); 1360 c.y. sel matl (CIP); 1660 M gals sprinkling; 633 hrs rolling; 295 c.y. class A concrete; 32,000 lbs. reinf. steel; 49,300 lbs. structural steel; 448 ft. 8-in. CMP; 66 ft. 42-in. bitum. coated CMP (10 ga.); 12 C M catch basins; 5400 ft. line fence; 2600 lf. road guard; 800 lf. reconstruct road guard; 648 lf. steel piles (furnish and deliver 8x8-in. H-column); 18 each, driving piles (8x8-in. steel H-column); 480 lf. steel piles (furnish and deliver (10x10-in. H-column); 10 each, driving piles (10x10-in. steel H-column); 1100 tons plant matl; 45 tons MC-4 cutback asphalt; 24 tons emuls. asph. (class A); 170 tons screenings; 28 tons MC-2 cutback asph. and other incidental items. Vinson & Pringle, Phoenix, submitted second low bid, at \$7,397.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

MARE ISLAND, Calif.—Until July 28, 11 a. m., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8258, for the construction of a graving dry dock, including quays, walls, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, piping drains, railings, wood floors and dock fittings, at the Mare Island Navy Yard. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 ft. wide and 40 ft. over all in depth. It will be of the cruiser type,

capable of docking ships of the 10,000-ton cruiser class.

Bids are being taken on a lump sum basis with an alternate proposal for omitting crane track foundation and capstan foundation.

Plans and specifications may be obtained from above office and from the Mare Island Navy Yard upon deposit of \$100.

## CORRECTION—

## CONTRACT AWARDED

SAN DIEGO, Calif.—R. T. Dawson, 4333 Maryland Ave., San Diego, at \$67,850.00, awarded contract by the Public Works Officer, 11th Naval District, San Diego (Item 1), for the extension to the quay wall at the Naval Operating Base (Destroyer Base), San Diego; Spec. No. 8438. Work includes extension of existing quay wall and dredging. The quay wall extension will be 450 feet long, more or less, and includes reinforced concrete precast sheet piles; reinforced concrete caps; untreated timber bearing piles and timber piles forms; crosstod timber bearing piles and timber platform; crosstod timber fender system; C I bollard, C E cleats and miscellaneous steel and iron work. Dredging will consist of excavating and disposal of 200,000 c.y. more or less.

Standard Dredging Company, 325 Central Bldg., Los Angeles, at \$48,000, awarded contract for dredging only. Award to Dawson made on basis of Items 1, 2, and 3.

## BIDS OPENED

CORDOVA, Alaska.—Puget Sound Bridge and Dredging Co., 2929 16th S. W., Seattle, at \$239,492, submitted the low bid to the U. S. Engineer Officer, 754 Central Bldg., Seattle, for constructing two rock-mound 216,000 c.y. of material for small boat basin at Cordova.

Total bids follow:

Puget Sound Bridge and Dredging Co., Seattle, \$239,492.  
General Constr. Co., Seattle, \$260,750.

## BIDS WANTED

MARE ISLAND, Cal.—Until July 28, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8258 for the construction of a graving dry dock, including quay walls, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, piping, drains, railings, wood floors and dock fittings, at the Mare Island Navy Yard. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 ft. wide and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

Following have procured plans: Warner Const. Co., 173 W. Madison St., Chicago.

Bethlehem Steel Co., Bethlehem, Pa.

Jones & Laughlin Steel Corp., 2250 W. 74th St., Chicago.

Lindgren & Swinerton, 225 Bush St., San Francisco.

Clinton Const. Co. of California, 823 Folsom St., San Francisco.

Frederick Snare Corp., 114 Liberty St., New York City.

Crane Co., 1225 I St. NW., Washington, D. C.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

**BIDS WANTED**

**SAN FRANCISCO**—Until July 1, 3 P. M., bids will be received by U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-305 for removing lumber from wharf, trestle and pipe landings and for pulling or cutting off piling at Yerba Buena Shoals fill.

Specifications obtainable from the

**23— CANALS****LOW BIDDERS**

**GILA PROJECT, Ariz.**—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at \$29,200, submitted the low bid to the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, Ariz., under Spec. No. 931-D, under Schedule 1, for preparation of concrete aggregates for the Gila Project.

Principal items of work are:

- (1) 150,000 c.y. stripping gravel deposits;
- (2) 261,000 c.y. sand and gravel, prepared and stockpiled.

Low bidders on Schedule 1 follow:

R. E. Hazard & Sons, San Diego	\$29,200.00
Oswald Bros., L. A.	29,775.00
V. R. Dennis Const. Co., San Diego	29,835.00
Low bidders on Schedule 2 follow:	
Geo. Pollock Co., Sacto.	147,750
Oswald Bros., L. A.	151,830
Triangle Rock and Gravel Co., San Bernardino	155,940

above office.

**BIDS WANTED**

**SALT RIVER PROJECT, Ariz.**—Until June 24, 10 a. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Producer Bldg., Phoenix, Ariz., under Spec. No. 937-D, for construction of earthwork, canal lining, and structures, Roosevelt power canal and additions to the diversion dam, Salt River Project, Arizona. Location of work, about 20 mi. northwest of Globe, Arizona.

The work involves:

- (1) 16,000 c.y. of excav. for canal;
- (2) 320 c.y. excav. for canal structures;
- (3) 2,800 c.y. of excav. for additions to diversion dam;
- (4) 80 c.y. of excav. of existing concrete;
- (5) 5,300 sq. yds. of trimming canal sections for concrete lining;
- (6) 1,950 c.y. of backfill about structures;
- (7) 1,230 c.y. of concrete in canal structures and spillway apron;
- (8) 450 c.y. of concrete in canal lining;
- (9) 70 c.y. of concrete in tunnels;
- (10) 6,200 cu. ft. of gunite;
- (11) 100 sq. yds. of dry-rock paving;
- (12) 160,000 lbs. of reinf. bars, in place;
- (13) 1 MFPM of timber in structures, erected;
- (14) 2,100 lf. of holes for anchors and grouting anchors, in place;
- (15) 350 c.y. concrete in canal structure;
- (15a) 550 cu. y. concrete in spillway apron diversion dam;
- (16) 15,000 lbs. of miscellaneous

Item 15 previously reported has been eliminated.

Plans and specifications obtainable from the above office.

**25— MACHINERY AND EQUIPMENT****BIDS WANTED**

**LIVINGSTON, Merced Co., Calif.**—Until June 29, 8 p. m., bids will be received by Dr. N. S. Peck, Clerk,

Merced Union High School District, for two forty-two passenger school buses.

Specifications may be obtained from W. E. Bedesen, Engineer, Merced, upon deposit of \$5.00.

June 24, 1937.

**SACRAMENTO, Calif.**—Weaver Rye Tractor Co., at \$908, disc. 2% 30 days, submitted the low bid to State Purchasing Agent, Sacramento, for furnishing one mechanical operated heavy-duty trailblower, for use with 40-hp. Diesel powered tractor, f.o.b. Redding. Complete bids follow:

Weaver Rye Tractor Co.—\$908; 2% 30 days.  
Emasco Equipment Co.—\$1,210.65; 2% 30 days.

J. D. Adams Co.—\$1,550; 2% 30 days.

Bids held under advisement.

**BIDS OPENED**

**LAKE AND MENDOCINO COS., Calif.**—Portola Truck Service, 347 Holyoke St., San Francisco, at \$397 per hour, submitted the low bid to the State Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the rental of one only 1/3-c.y. or 3/4-c.y. power shovel for not more than 400 hours, use in Lake and southern Mendocino counties.

Complete bids follow:

	Per Hr.
Portola Truck Service, San Francisco	\$3.97
John Freitas, Oakland	4.00
C. E. Huls, San Francisco	4.00
Harrison & Harrison, Oakland	4.15
Crane & Cox, San Francisco	4.50
A. D. Robinson, Healdsburg	4.98
Edward R. Bacon Co., S. F.	5.48

**BIDS WANTED**

**FULLERTON, Orange Co., Calif.**—Until July 6, 7:30 P. M., bids will be received by the Fullerton city council for one hydraulic hoist to be used for lifting of automotive equipment and capable of lifting not less than 12,000 lbs.; same to be installed at the city's shop located on East Santa Fe Ave. Specifications to be furnished by bidder. Certified cashier's check, 10%. F. C. Hezmalhach, city clerk.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Identical bids were submitted to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Spec. No. 1829, for furnishing one 105 c.f.m. air compressor for the Department of Public Works.

Total bids follow:

Leola & Co.	\$1,925
Worthington Pump & Machy Corporation.	
Chicago Pneumatic Tool Co.	
Gardner-Denver Co.	
Western Machy Co.	
Edward R. Bacon Co.	
The Rix Co.	
Sullivan Machy Co.	

**BIDS OPENED**

**MENDOCINO CO., Calif.**—Portola Truck Service, San Francisco, at \$188 per hour, submitted the low bid to the State Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, for the rental of one only 1000-gal. water sprinkler truck for not more than 300 hours, for use in sprinkling water on roads in vicinity of Booneville and Fort Bragg, Mendocino County.

Total bids follow:

Portola Truck Service, S. F.	\$1.88
Ashurst Bros., Hopland	2.68
K. G. Dowdy, San Francisco	2.95
Dewars Express, Eureka	3.50
Mankel, Sacramento	3.50
George Const. Co., Irvington	3.75
C. E. Huls, Merced	4.00

**BIDS WANTED**

**OAKLAND, Cal.**—Until July 7, 5:30 P. M., bids will be received by East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, for five Chevrolet coupes. Informal proposal No. 887.

**BIDS OPENED**

**SACRAMENTO, Cal.**—The following bids received by Constructing Quartermaster, Sacramento, under Bid No. 6870-37-26, for furnishing one tractor, crawler type, and one grader, leaning-wheel, hand control, for use with 30 - drawbar horsepower crawler type tractor; fob Sacramento.

(1) Tractor.  
(2) Grader.  
Austin Western Machinery Co. (2) 7 ft. \$952, 8 ft. \$1,002.55; 2% 30 days.  
Jenison Machinery Co. (2) \$1,003; 2% 30 days.

J. D. Adams Co. (2) No. 84 \$1,304.00; 2% 30 days.

Cleveland Tractor Co. (1) \$1,999.50 San Francisco; 2% 30 days.

Cleveland Tractor Co. (1) \$1,798.08 60 days, Ohio, 2% 30 days.

Caterpillar Tractor Co. (1) \$2,204.96; \$50 discount; 30 days; (2) \$941.56; \$100 discount; 60 days.

**CONTRACT AWARDED**

**OAKLAND, Cal.**—L. M. Clough Co., 8831 Foothill Blvd., Oakland, at \$9,900 - awarded contract by the Board of Public Commissioners, Room 78, Grove St. Pier, Oakland, for furnishing crusher-run rock for base course, macadam rock and screenings for surfacing, and road oil for construction of oil macadam pavement; fob Ninth Ave. Terminal.  
Complete bids published June 16.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Railway & Industrial Engrg. Co. was awarded contract by Metropolitan Water Dist. of Los Angeles, at \$65,132.87, for 15,000-volt disconnect switches and bus insulators, Spec. 217. Square D Co. was awarded contract at \$16,316.84 for switches and bus compartments. Bids were opened June 4.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—American Concrete and Steel Pipe Co., 19th Ave. and Estuary, Oakland, at \$3,133.55 awarded contract by Oakland Port Commissioners for furnishing concrete pipe, fob Ninth Ave. Terminal, Oakland.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Bids for transformers, etc., for Boulder power plant, Spec. 27, opened by the Bureau of Reclamation, Denver, were: (all fob Boulder City, Nev., unless otherwise shown).

Westinghouse Elec. & Mfg. Co., Denver: (1) 4 transformers, \$56,005; (a) add for 132 kv. tap, \$588; (2) one circuit breaker, \$19,142; (3) one lightning arrester, \$157,149; (4) three 138-kv disconnecting switches, \$7536; (5) two 16.5-kv outdoor potential transformers, \$925.25; (6) one 35.9-kv same, \$107.50; (7) 16.5-kv. disconnecting switch, \$440.

General Electric Co., Schenectady, N. Y. (1) \$56,327; (a) \$628; (2) \$19,440; (3) \$157,149; (5) \$904.31; (6) \$107.50.

Chalmers Mfg. Co., Milwaukee, (1) \$68,565; (a) \$1760; (2) \$16,255; (5) \$513.88; (6) \$1021.65; alternate bid: (6) \$1111.65 without graded insulation; items 1, 5 and 7 are fob Denver City; item 2 fob Hyde Park, Mass.

Pennsylvania Transformer Company, Pittsburgh, (1) \$45,000; (a) \$480.

Specific Electric Mfg. Corp., San Francisco, (2) \$18,300; (4) \$7309; (7) \$440.

Railway & Industrial Engr. Co., Greensburg, Pa., (4) \$7549; (7) \$450.  
Delta Star Electric Co., Chicago; (4) \$6423; (7) \$471.  
Electrical Engrs. Equip. Co., Melrose Park, Ill., (4) \$7134; (7) \$440.  
Graybar Electric Co., Denver, (4) \$7144; (7) \$440.  
Bowie Switch Co., San Francisco, (4) \$7309; (7) \$440.  
Electric Power Equipment Corp., Philadelphia, (4) \$6827; (7) \$440.  
High Tension Co., Inc., Phillipsburg, N. J., (7) \$486; disc. 1%.  
Johnson Mfg. Co., Atlanta, Ga., (7) \$320.95. \* 25

**BIDS OPENED**

**OAKLAND, Calif.**—General Motors Company at \$1,554.31 submitted low bid to the Oakland City Council for furnishing one truck chassis for the Fire Department. Only other bid was submitted by the Fageol Coach & Truck Co., San Francisco, at \$1,937.

**26—RAILROADS**

**OFFICIAL BID TOTALS**

**TERMINAL**  
**SAN FRANCISCO.** First and Mission Street. San Francisco-Oakland Bay Bridge Railway Terminal (3-story reinforced concrete building; granite facing on headhouse; steel roof framing over track level on top floors; composition roofing over concrete; 165 ft. wide by 700 ft. long).

Bids were taken for construction of the building under two alternate plans. Plan One includes extensive garages in the west end of the building and Plan Two is for construction of the building omitting the garages. In the list of bid items below, all items with the suffix "x" refer to the quantity of work involved if the garages are omitted under Plan Two.

Bids were received under the following proposals:

**PROPOSAL A**—Contract R-2A, general construction only; bidding items 1 to 65.

**PROPOSAL B**—Contr. R-2B, Structural steel work only; bidding items 66 to 68.

**PROPOSAL C**—Contract R-2C, Mechanical work only; bidding items 69 to 76.

**PROPOSAL D**—Contract R-2D, Electrical work only; bidding items 77 to 84.

**PROPOSAL E**—Contracts R-2A and R-2B, General construction and structural steel work; bidding items 1 to 68.

**PROPOSAL F**—Contracts R-2A, R-2B, R-2C, and R-2D, General construction, structural steel work, mechanical work, and electrical work; bidding items 1 to 84.

**Owner**—State of California, Department of Public Works (San Francisco). **Oakland Bay Bridge Commission, C. H. Purcell, Engineer, Room 811, 500 Sansome St., San Francisco.**

Total bids follow:  
**CONTRACT R-2A**—General Contract  
MacDonald & Kahn Co.,  
Ltd., San Francisco.....\$1,638,510.00  
Geo. A. Fuller Co., Los Angeles.....1,755,850.10  
Barrett & Hip and A.

Richert & Son, Inc.....1,824,245.00  
Clinton Const. Co., S. F.....1,845,291.00

**CONTRACT R-2B**—Structural Steel  
Columbia Steel Co., S. F. \$ 442,360.00  
Bethlehem Steel Co., S. F. 451,152.00

**CONTRACT R-2C**—Mechanical Work  
Scott Co., Inc., 243  
Mills St., S. F. \$ 109,257.00  
Anderson & Rowe, S. F. 114,474.00

Uta Elec. & Mech. Co.,  
San Francisco.....117,245.00  
Ierman Lawson Co., S. F. 117,257.00  
A. Nelson, Inc., S. F. 125,745.00

**CONTRACT R-2D**—Electrical Work  
Radefinger Bros., 544  
Natoma St., S. F. ....73,250.00  
Central Elec. Co., S. F. ....73,987.00  
Langlais Elec. Co., S. F. ....76,712.00

Alta Elec. & Mech. Co.,  
San Francisco.....78,705.00  
Kenny Elec. Co., S. F. ....79,911.00

**CONTRACT R-2A & B**—Gen. Const. and Struct. Steel  
No bids received.

**CONTRACT R-2A, B, C & D**—Entire  
Geo. A. Fuller Co., Los Angeles.....\$2,391,820.10

Total of low bids:  
MacDonald & Kahn Co., Ltd.  
Columbia Steel Co.  
Scott Co., Inc.

Radefinger Brothers \$2,283,377.00  
Bids taken under advisement. Earl Lee Kelly, State Director of Public Works, is expected to make awards of contract shortly.

Unit prices appeared in DAILY PACIFIC BUILDER June 17, '26

**29—STREETS AND HIGHWAYS**

**CONTRACT AWARDED**

**NAPA CO., Calif.**—Harold Smith, 1427 Kearny St., St. Helena, at \$10,245.00 awarded contract by the State Division of Highways, J. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 3.3 miles surfacing with imported surfacing material and applying penetration oil treatment and installing underdrains in Yuba County between the summit of Mt. St. Helena and northern boundary. \* 29

**BLUE PRINTS AVAILABLE**

**SACRAMENTO, Cal.**—State Engineer C. H. Purcell announces the closing of blue line prints for the work now advertised, bids to be opened in Sacramento July 7, 1937:

IV-109-104-D PLANS (No. sheets) 5; (Cost) \$.60; CROSS-SECTION (No. of sheets) 16; (Cost) \$1.60; (Total) \$2.10.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento. Checks should be made payable to the Department of Public Works.

**CONTRACT AWARDED**

**SANTA CLARA CO., Calif.**—Irving L. Ryder, P. O. Box 265, San Jose, at \$6,888, awarded contract by County Board of Supervisors, Court House, San Jose, for the improvement of Lundy Avenue from Berryessa Road to Murphy Avenue.

Complete bids follow:  
Irving L. Ryder, San Jose.....\$6,888.  
A. J. Raisch, San Jose.....7,320  
Earl W. Heple, San Jose.....7,800  
Engineer's estimate.....7,385

**CONTRACT AWARDED**

**SAN FRANCISCO**—Lowrie Paving Co., Inc., 1540 16th St., at \$862,620 awarded contract by the Department of Public Works, S. J. Hester, Acting Director, under Spec No. 19021 for the improvement of Chesley St. between Harrison and Bryant Sts.

**BIDS WANTED**

**INYO COUNTY, Cal.**—Until July 8, 3 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment to the existing roadbed on about 7.3 miles of highway between Death Valley Junction and State line in Inyo County (District IX, Route 128, Section A).

The surfacing is to be applied to the central 18-ft. portion of the roadbed.

Work involves:  
(1) 476 tons liquid asphalt, SC-4;  
(2) 17,100 sq. yds. preparing, mixing and shaping roadbed.

Specifications obtainable from the above office. \* 29

**BIDS OPENED**

**WASHOE COUNTY, Nev.**—Following bids were submitted to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for furnishing liquid asphaltic road material as follows: 200 tons, Type SC-2, for use on Section B of Route 2, the Mt. Rose National Forest Highway, Tahoe National Forest, Washoe Co., Nevada.

Tide Water Associated Oil Co., Los Angeles: \$8 per ton; job Avon; \$6, fob Volcan.

Union Oil Co. of California: \$7, fob Maltha; \$6 fob Wilmington.

Standard Oil Co. of California: \$6 fob El Segundo; \$7 fob Seguro; \$6 fob Richmond.

General Petroleum Corp. of Calif.: \$8 fob Richmond.

Gilmore Oil Co.: \$7 fob Seguro; \$8 fob Richmond.

Richfield Oil Co. of Calif.: \$7 for Bakersfield.

Shell Oil Co.: \$7 fob Bakersfield; \$5 fob Ventura.

The Petrol Corp.: \$13.60 fob Tahoe City; \$14.50 fob Browns, Nevada.

**CONTRACT AWARDED**

**ALAMEDA CO., Calif.**—Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, at \$48,193.40, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 8.4 miles of grading and surfacing with crusher-run base in Alameda County, betw. Greenville and Mountain House. \* 29

**LOW BIDDER**

**LAKE CO., Oregon**—A. C. Greenwood, 3201 NW Front St., Portland, at \$98,975, submitted low bid to U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, Ore., for 5,623.3 mi. grading and 4,022.15 miles surfacing of the Klamath Falls-Lakeview Highway. Reconstruction and Grading Project 30-B, National Forest Road Project, Fremont National Forest, Lake County, Ore. \* 29

**BIDS WANTED**

**YOLO AND COLUSA COS., Calif.**—Until July 14, 2 p. m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for surfacing with bituminous macadam, about 4.3 mi. between Zamora and Bretona and between Arbuckle and Geneva.

The work involves:  
(1) 4,400 tons broken stone;  
(2) 320 tons liq. asphalt, 90-95. \*

**BIDS WANTED**

**RIVERSIDE CO., Calif.**—Until July 15, 2 p. m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for surfacing with plant-mixed surfacing, slow curing type, and seal coat applied thereto on about 12.5 mi. between San Jacinto and Moreno.

The work involves:  
(1) 16,500 tons mineral aggregate, plant-mix surf.;  
(2) 879 tons liq. asphalt, SC-4, plant-mix surf.;  
(3) 165 tons asphaltic emulsion (seal coat);  
(4) 1,700 tons sand (seal coat);  
(5) 235,000 sq. yds asphaltic paint binder

**CONTRACT AWARDED**

**GREENLEE COUNTY, Ariz.**—Lee Moore Const. Co., 807 Bassett Tower, El Paso, Texas, at \$16,257.20 awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 2,905 miles grading on Section B (portion) of

Route 19, the Clifton-Alpine National Forest Highway, Crook National Forest, Greenlee County, Arizona.

#### BIDS WANTED

**LASSEN CO., Calif.**—Until July 14, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road-mix, for surfacing and constructing multi-plate arch culverts about 3 miles, between Lake Levitt and Litchfield.

The work involves:

- (1) 450 M. gals. water;
- (2) 20,550 c.y. roadway excav. without class;
- (3) 205,000 sta. yds. overhaul;
- (4) 24,000 c.y. imported borrow;
- (5) 1,250 c.y. struct. excav.;
- (6) 475 c.y. ditch and channel excavation;
- (7) 13,300 c.y. imported surf. matl.;
- (8) 161 sta. finishing roadway;
- (9) 85 tons liq. asphalt, SC-2 (prime coat);
- (10) 60 tons liq. asphalt, ROMC-3 (road-mix surf.);
- (11) 33 tons liq. asphalt, ROMC-3 (seal coat);
- (12) 250 c.y. sand (seal coat);
- (13) 750 lbs. bar reinf. steel;
- (14) 108 c.y. Class A portland cement concrete strucc.;
- (15) 255 c.y. rubble masonry;
- (16) 112 lf. 12-in. CMP;
- (17) 428 lf. 24-in. CMP;
- (18) 204 lf. 24-in. CMP;
- (19) 714 lf. 36-in. CMP;
- (20) 8 lf. 48-in. CMP;
- (21) 158 lf. exist. pipe culverts, removed, cleaned and salvaged;
- (22) 185 lf. 180-in. x 92.7-in. multi-plate arch;
- (23) 46 each, culvert markers;
- (24) 50 each, monuments complete, in place.

The State will furnish CMP, etc.

#### BIDS WANTED

**AND GLENN COS., Calif.**—Until July 14, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and paving with asphalt concrete about 5.8 mi. between Delevan and Logandale.

The work involves:

- (1) 865 M. gals. water;
- (2) 81,000 c.y. roadway excav. without class;
- (3) 211,000 sta. yds. overhaul;
- (4) 63,000 c.y. imported borrow;
- (5) 2,100 c.y. struc. excav.;
- (6) 4,300 c.y. muck removed;
- (7) 470 c.y. exist. conc. pave. and surf removed;
- (8) 35 c.y. exist. conc. struccs. removed;
- (9) 25,500 sq. yds. preparing subgrade, Location A;
- (10) 42,100 sq. yds. preparing subgrade, Location B;
- (11) 394 sta. finishing roadway;
- (12) 1100 tons asphaltic cement, Gr. D asphalt conc.;
- (13) 12,500 tons mineral aggregate asphalt conc. leveling course;
- (14) 7,500 tons mineral aggregate asphalt conc. Type A surface;
- (15) 61,000 lbs. bar reinf. steel;
- (16) 515 c.y. Class A portland cement conc. struccs.;
- (17) 84 lf. 18-in. CMP;
- (18) 118 lf. 24-in. CMP;
- (19) 72 lf. 30-in. CMP;
- (20) 100 lf. exist. pipe culverts removed and relaid;
- (21) 20 lf. exist. pipe culverts removed and salvaged;
- (22) 2 each, headwalls moved and reset;
- (23) 80 lf. guard rail moved and reset;
- (24) 360 lf. guard rail removed and salvaged;
- (25) 20 each, culvert markers;
- (26) 25 each, guide posts moved and reset;

- (27) 30 each, guide posts and culvert markers removed and salvaged;
- (28) 3.25 mi. new property fences;
- (29) 3.25 miles exist. fences removed and disposed of;
- (30) 34 each, monuments complete, in place;
- (31) 4 each, drive gates.

#### COMPLETE BIDS

**AMADOR AND ALPINE COS., Cal.**—Sheldon Oil Co., Suisun, at \$8940, submitted the low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 Center St., Stockton, for furnishing and applying liquid asphalt to about 24.5 miles of highway between Bartons and Picketts in Amador and Alpine Counties.

Complete bids follow:

- (1) 240 tons liquid asphalt;
  - (2) 210 tons liquid asphalt;
  - (3) Total bid.
- |                                      |     |          |
|--------------------------------------|-----|----------|
| Sheldon Oil Co., Suisun.....         | (1) | \$ 18.00 |
| Lamb's Transfer Co., Long Beach..... | (2) | 22.00    |
|                                      | (3) | 8,940.00 |
|                                      |     | 20.43    |
|                                      |     | 22.05    |
|                                      |     | 9,533.70 |

**Lee J. Immel, Berkeley, (1)** 22.00  
**(2)** 24.00  
**(3)** 10,320.00

**Oilfields Trucking Co., Bakersfield, (1)** 22.07  
**(2)** 25.17  
**(3)** 10,582.50

**A. Soda & Son, Oakland (1)** 30.00  
**(2)** 26.50  
**(3)** 12,765.00

**Garcia Construction Co., Irvington (1)** 28.00  
**(2)** 32.00  
**(3)** 13,440.00

#### BIDS OPENED

**AMADOR AND ALPINE COS., Cal.**—Sheldon Oil Co., Suisun, at \$8940, submitted the low bid to the State Division of Highways, R. E. Pierce, District Engineer, 1200 Center St., Stockton, for furnishing and applying liquid asphalt to about 24.5 miles of highway between Bartons and Picketts in Amador and Alpine Cos. Complete bids follow:

Sheldon Oil Co., Suisun ..... \$8,940.00

Lamb's Transfer Co., Long Beach ..... 9,533.70

#### BIDS WANTED

**SAN BERNARDINO & RIVERSIDE COS., Calif.**—Until July 15, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and slow curing type seal coat applied thereto about 8.6 miles at various locations in District VII.

The work involves:

- (1) 8,120 tons mineral aggregate plant-mix surf.;
- (2) 430 tons liq. asphalt, SC-4, plant-mix surf.;
- (3) 100 tons asphaltic emulsion (seal coat);
- (4) 1,040 tons sand (seal coat);
- (5) 123,000 sq. yds. asphaltic paint binder.

#### BIDS WANTED

**SAN FRANCISCO, Calif.**—Until June 29, 12 M., bids will be received by the Park Commissioners, B. P. Lamb, Secretary, Park Lodge, San Francisco, for laying an asphaltic concrete floor surface at the Palace of Fine Arts in San Francisco. \*

#### CONTRACT AWARDED

**SAN FRANCISCO**—Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$8662.30, awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19021, for improving Chesley St., between Harrison and Bryant Sts.

#### BIDS WANTED

**IMPERIAL COUNTY, Calif.**—Until July 15, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for grading and surfacing with plant mixed surfacing about four miles between Brawley and Mulberry Avenue.

The work involves:

- (1) 1,920 M. gals. water;
- (2) 57,600 c.y. rdwy. excav., unclass.;
- (3) 156,000 sta. yds. overhaul;
- (4) 2,200 c.y. struc. excav.;
- (5) 35 c.y. remove concrete;
- (6) 209 sta. finishing rdwy.;
- (7) 12,000 tons gravel base;
- (8) 70 tons liquid asphalt, MC-2 prime coat;
- (9) 6,500 tons mineral aggregate plant mix surf.;
- (10) 275 tons liquid asphalt, MC-5 or MC-extra heavy plant mix surf.;
- (11) 21,200 lbs. bar reinf. steel strucc.;
- (12) 146 c.y. Class A portland cement concrete strucc.;
- (13) 23 MFBM Redwood timber, dense select all-heart struc. grade;
- (14) 10 MFBM Redwood timber, select all-heart struc. grade;
- (15) 1,270 lf. furnish treated Douglas fir piles including test piles;
- (16) 47 each driving do;
- (17) 214 lf. 12-in. CMP;
- (18) 1,482 lf. 18-in. CMP;
- (19) 832 lf. 24-in. CMP;
- (20) 1 lf. 30-in. CMP;
- (21) 192 lf. 36-in. CMP;
- (22) 35 each concrete pipe joints;
- (23) 1,027 lf. remove pipe culverts;
- (24) 2 each culvert markers;
- (25) 5.6 miles fences moved and reset;
- (26) 11 each manholes adjusted to grade;
- (27) 42 each monuments;
- (28) 2 each clearance markers;

Note: The state will furnish CMP.

#### CONTRACT AWARDED

**SAN DIEGO COUNTY, Cal.**—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at \$46,388.88, awarded contract by U. S. Bureau of Public Roads for placing a road-mix surface course on 14,308 miles of Sections C, D and E of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

#### BIDS OPENED

**SAN DIEGO CO., Calif.**—Martin Bros. Trucking Co., Long Beach, at \$2,220, submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for removing a slide on Section C of Route 73, Laguna National Forest Highway, Cleveland National Forest, in San Diego County. Work involves 1500 c.y. unclass. excavation. Complete bids follow:

Martin Bros. Trucking Co., Long Beach—Unit price, \$1.48; total, \$2,220.  
 R. E. Hazard & Sons, San Diego—Unit price, \$1.65; total, \$2,475.  
 W. J. & E. J. Bresler, Los Angeles—Unit price, \$1.95; total, \$2,962.50.  
 Bids held under advisement. \*

#### CONTRACT AWARDED

**GLENN CO., Calif.**—N. M. Ball Sons, 652 Carmel, Albany, at \$193,698, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with asphaltic concrete floor surface about 7 miles in Glenn county, between Willows and Artois.

#### BIDS OPENED

**UMATILLA CO., Ore.**—Carl Nyberg, Realty Building, Spokane, Wash., at \$99,421, submitted low bid to Bureau of Public Roads, 316 New Post Office Bldg., Portland, for improving 7.104 miles of the Pendleton-John Day Highway Reconstruction,

Grading and Surfacing Project 33-A, National Forest Road Project, Umatilla Co., Oregon.

Complete bids follow:

E. C. Gerber, Oregon City, \$109,995.

L. Romano Engineering Corp., 1300 Dearborn, Seattle, \$107,361.

Joshin & McAllister, N 303 Haven, Spokane, \$107,861.

Homer G. Johnson, Imperial Hotel, Portland, \$107,371.

E. C. Hall Co., Eugene, \$111,411.

Babler Bros., 2407 NW 28th, Portland, \$111,615.

Max J. Kunej, Hutton Bldg., Spokane, \$112,259.

Saxton, Looney & Risley, Henry Bldg., Portland, \$113,325.

Joplin & Eldon, 3101 N. Columbia Blvd., Portland, \$116,368.

A. Mine, 7253 NE Broadway, Portland, \$124,302.

A. C. Greenwood, 3201 NW Front, Portland, \$139,710.

#### CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Piazza & Huntley, 296 N 6th St., San Jose, at \$14,8750 awarded contract by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg San Francisco, for placing crusher run base and applying armor coat to about 2.4 miles of highway between Sunol and Dublin.

#### CONTRACT AWARDED

LOS ANGELES and Orange Cos., Cal.—Southern California Roads Co., 2145 E 25th St., Los Angeles, awarded contract by C. H. Purcell, State Highway Engineer, June 10, at \$25,244, for highway improvement in Los Angeles and Orange counties, at various locations in District VII, about 3.9 miles road-mix surface treatment to be applied to shoulders.

#### CONTRACT AWARDED

KERN Co., Calif.—Basich Bros., 20,530 S. Normandie Ave., Torrance, at \$461, awarded contract by the State Highway Department, Bishop, June 9, for grading and treating with liquid asphalt (road-mix method) 0.5 mile highway in Kern County, near Inyokern (IX-Ker-145-C).

#### BIDS OPENED

SIERRA COUNTY, Calif. — J. P. Breen, P. O. Box 182, Sacramento, at \$11,764, submitted the low bid to the State Division of Highways, C. H. Whitmore, Dist. Engineer, Marysville, for furnishing and applying liquid asphalt on about 17.6 miles in Sierra County between Sierra City and Route 83.

The work involves: (1) 680 tons of liquid asphalt, SC-3.

Total bids follow:

J. P. Breen, Sacramento ..... \$11,764.00

Lee J. Immel, Berkeley ..... (1) 17.30

11,968.00

E. F. Hilliard, Sacto. .... (1) 17.60

12,580.00

Sheldon Oil Co., Suisun ..... (1) 18.50

12,988.00

Z. F. Fredericksen & Sons, Lower Lake ..... (1) 19.50

13,205.00

Jarcis Const. Co., Irvington ..... (1) 19.42

13,872.00

#### BIDS WANTED

GLENDALE, Los Angeles Co., Cal.—Until July 1, 10 a. m., bids will be received by Glendale City Council or improving Verdugo Road betweenolorado Blvd. and Monterey Street, about 1600 ft. Work will include widening to 56 feet and constructing wet asphalt concrete pavement, curbs, storm drain, and appurtenant work.

The work involves:

(1) Grading, lump sum;

(2) 8500 sq ft. curb;

(3) 15,500 sq ft. gutter;

(4) 31,000 sq. ft. 3 1/2-in. walk, 5 feet wide;

(5) 7,900 sq. ft. driveway;

(6) 100 sq. ft. concrete steps;

(7) 104 cu. yd. concrete retaining walls;

(8) 10,100 tons asphalt concrete pavement, 6 inches thick;

(9) 360 ft. 6-in. vit. hse. connections;

(10) Storm drain complete, lump sum.

Plans and specifications obtainable from J. C. Ahlers, City Engineer, City Hall, Glendale.

#### CONTRACT AWARDED

COCONINO CO., Ariz.—Pearson & Dickson, Tempe, Arizona, at \$45,1250, awarded contract by the Bureau of Public Roads, 247 New Post Office Bldg., Phoenix, Ariz., C. H. Sweetser, District Engineer, for 3,461 mi. grading and placing a base course on Section E of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino Co., Ariz.

#### COMPLETE BIDS

RIVERSIDE CO., Calif.—Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at \$1,635.50, submitted the low bid to the State Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor Blvd., San Diego, for furnishing and applying liquid asphalt on about 28.6 miles in Riverside County, between Edom and 3 miles south of Coachella, and between Indian Wells and Indio.

The work involves:

(1) 250 tons liquid asphalt, SC-1A, in place;

(2) 310 tons liquid asphalt, SC-2, in place.

Complete bids follow:

Paulsen & March, Inc. L. A.—(1) \$8.56; (2) \$8.05; total, \$4,635.50

Lamb's Transfer Co., L. A.—(1) \$8.77; (2) \$8.10; total, \$4,703.50

Bergan Bros., Maywood—(1) \$9.35; (2) \$8.65; total, \$4,835.00

Consumer's Oil Co., L. A.—(1) \$9.06; (2) \$8.29; total, \$4,534.90

Regal Oil Co., Long Beach—(1) \$9.70; (2) \$9.00; total, \$5,215.00 \* 29

#### CONTRACT AWARDED

SAN FRANCISCO — Max Rosenberg, San Francisco, at \$1,122, was awarded contract by Department of Public Works, Room 251, City Hall, for grading at the George Washington School, Balboa and 39th Avenue

#### BIDS OPENED

LOS ANGELES, Cal.—Charles H. Johnston and Nick Perscallo 867 Sunset Blvd., Los Angeles, at \$56,629.46 submitted low bid to Los Angeles Board of Public Works for improving Venice Blvd. between 415.88 ft west of Redondo Blvd. and Cochran Ave.; PWA Project 1461, Unit 6.

Total bids were:

Johnston & Perscallo ..... \$56,629.46

George J. Buck Co. .... 69,875.39

R. W. Walton ..... 73,631.42

Oscar Oberg ..... 74,589.88

Southern Calif. Roads Co. .... 76,315.69

Engineer's estimate ..... 75,631.00

#### BIDS OPENED

Klickitat CO., Wash.—J. C. Papp, Carson, Wash., at \$61,449, submitted the low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for 3,205 mi. grading, 2,541 mi. surfacing, and 6,818 mi. bituminous surface treatment, on the Mt. Adams Highway, Project 17-03.

Bids to be taken as follows:

(1) Concrete pipe; (2) metal pipe

Total bids follow:

J. C. Papp, Carson—(1) \$61,779. (2) \$61,786.50

The Mirene Co., Seattle—(1) \$65,509.50. (2) \$65,428.50.

Guy J. Norris, Seattle—(1) \$68,241.70; (2) \$68,498.20.

L. Romano Eng. Corp., Seattle—(1) \$85,673; (2) \$86,723.

A. C. Greenwood, Portland, Ore.—(1) \$89,569.50; (2) \$89,238.

Complete bid items on file at office of DAILY PACIFIC BUILDER

#### BIDS WANTED

LAWNDALE, San Mateo Co., Calif.—Until June 28, 8 p. m., bids will be received by the City Council, City of Lawndale, for grading and surfacing a portion of Clark Avenue.

The work involves:

(1) 1200 cu. yd. excav.

(2) 924 1/2 cu. yd. curb and gutter;

(3) 14,655 sq. ft. waterbound macadam base;

(4) 15,000 sq. ft. emulsified oil and rock screening wearing surface.

Plans and specifications obtainable from Engineer Geo. A. Kneese, 2382 Broadway, Redwood City.

#### BIDS WANTED

SANTA CLARA CO., Calif.—Until June 28, 11 a. m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, County Court House, San Jose, for the improvement of University St., from Bellomy Street to the city limits.

Plans and specifications obtainable from the above office upon deposit of \$100.

#### BIDS OPENED

LINN Co., Oregon—J. A. Lyons, 3305 NE Halsey, Portland, at \$96,964, submitted low bid to U. S. Bureau of Public Roads, for Santiam Highway Grading and Advance Clearing Project 23-K1, L. Willamette, National Forest, Linn County, Ore. Complete bids follow:

Leonard & Slate, Multnomah, Ore., \$99,109

Parker-Schram Co., Couch Bldg., Portland, \$103,350

E. L. Gates, Trail, Ore., \$104,736.

Colonial Construction Co., W. 326 1st, Spokane, \$109,773.

Berke Bros., Inc., 2815 SE Harrison, Portland, \$111,740.

Guthrie-McDougal Co., Sherlock Bldg., Portland, \$111,930.

A. C. Greenwood, 3201 NW Front, Portland, \$114,105.

M. L. O'Neil and Son, Eugene, \$116,390

Elliott & Co., 2155 Northlake, Seattle, \$132,859.

#### BIDS REJECTED—

NEW BIDS WANTED

SAN FRANCISCO.—Until June 30, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under contract No. 19029, for Section A of the Ocean Avenue improvement project between San Jose and Harold Avenues.

The estimated cost is \$27,270.

Bids submitted June 16 were rejected by the Department of Public Works. Low bidder was U. Peira & Sons, 375 Delano Ave., San Francisco, at \$24,202.

The work involves:

(1) 400 lf approved concrete curb;

(2) 450 lf curb reset;

(3) 100 lf 10-inch VCP culvert, in place;

(4) one each, brick catchbasin with existing frame and grating;

(5) 2 each, brick catchbasins, complete;

(6) one each, brick catchbasin reset or reconstructed;

(7) 100 sq. ft. asphalt macadam sidewalk;

(8) 2000 sq. ft. two-course concrete sidewalk;

(9) 108,500 sq. ft. removing existing asphalt concrete wearing surface and replacing with 2-inch asphalt concrete wearing surface;

(10) 55,000 sq. ft. removing existing

- asphalt concrete or concrete base and replacing with 6-in. 5-sack Class E concrete base;
- (11) 600 tons asphalt concrete base and leveling course;
  - (12) 50 tons asphalt concrete conform pavement;
  - (13) 2900 square feet asphalt concrete pavement, consisting of a 6-in. Class E 5-sack concrete base and a 2-inch asphaltic concrete wearing surface;
  - (14) 3 each, street signs relocated.
- Plans and specifications obtainable from the office of City Engineer J. J. Casey, Room 351, City Hall, upon deposit of \$10 in cash.

**BIDS OPENED**

**KERN COUNTY, Cal.—Piazza and Huntley, 296 N. Sixth St., San Jose, at \$37,931.50** submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing road and surfacing with plant-mixed surfacing about 5.5 mi. of highway in Kern county between Rosedale and Route 131.

The work involves:

- (1) 90 M. gals. water;
- (2) 5,850 tons crusher run base;
- (3) 21 tons liquid asphalt, SC-1A or SC-2 (prime coat);
- (4) 52,000 sq. yds. asphaltic plant binder;
- (5) 7,200 tons min. aggregate (plant-mix surf.);
- (6) 350 tons liquid asphalt, ROMC-4 (plant-mix surf.);
- (7) 195 tons of liquid asphalt, SC-2 (shoulders);
- (8) 23,200 sq. yds. preparing, mixing, and shaping shoulders.

Total bids follow:

- (A) Piazza & Huntley, San Jose, \$37,931.50.
- (B) Union Paving Co., San Francisco \$40,415.00.
- (C) Oswald Bros., Los Angeles, \$41,860.00.
- (D) Griffith Co., Los Angeles, \$42,266.00.
- (E) Hanrahan Co., San Francisco, \$42,795.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$1.00	\$2.00	\$4.00	\$3.20	\$2.25
(2).....	2.20	2.20	2.25	2.15	2.05
(3).....	9.50	11.00	12.00	11.00	10.00
(4).....	.....	.006	02	.015	02 .015
(5).....	2.20	2.35	2.45	2.65	2.05
(6).....	18.00	17.00	15.00	16.00	16.00
(7).....	12.50	13.00	12.00	11.10	12.30
(8).....	.....	.08	07	.08	.055 .065

**BIDS OPENED**

**SAN FRANCISCO, Calif.—Lowrie Paving Co., 1540 16th St., at \$36,743,** submitted low bid to Public Utilities Commission, Room 300, City Hall, under Spec. No. W.D. 146, for the repaving of streets and/or sidewalk openings where the paving has been removed for the San Francisco Water Department for the fiscal year ending June 30, 1935.

Work will involve (quantities estimated):

- (1) 30,000 sq. ft. light traffic concrete paving base and wearing surface;
- (2) 100 sq. ft. heavy concrete with binder and wearing surface;
- (3) 14,500 sq. ft. 6-in. Class E concrete pavement;
- (4) 500 sq. ft. brick pavement on concrete base, including brick gutters;
- (5) 100 sq. ft. 3 $\frac{1}{2}$ -in. base with 1 $\frac{1}{2}$ -in. wearing surface, asphaltic concrete;
- (6) 400 sq. ft. basalt blocks on concrete base;
- (7) 5,000 sq. ft. basalt blocks on sand;
- (8) 47,000 sq. ft. sidewalks, all types;
- (9) 1,000 sq. ft. 2-in. sheet asphalt wearing surface only;
- (10) 100 sq. ft. 60-in. Class F con-

- crete base only;
- (11) 60,000 sq. ft. asphaltic concrete, 6-in. base, with 1 $\frac{1}{2}$ -in. wearing surface;
  - (12) 100 sq. ft. asphaltic concrete, 18-in. base with 1 $\frac{1}{2}$ -in. binder;
  - (13-a) 100 sq. ft. oiled macadam, 4-in. base;
  - (13-b) 2,500 sq. ft. oiled macadam, 8-in. base.

Total bids follow:

- (A) Lowrie Paving Co., \$36,743
- (B) Pacific Pavements, Ltd., \$7,247
- (C) Chas. L. Harney, \$46,855

Unit prices follow:

	(a)	(b)	(c)
(1).....	\$0.26	\$0.27	\$0.32
(2).....	.....	48	60
(3).....	.....	20	20
(4).....	.....	50	60
(5).....	.....	20	27
(6).....	.....	26	40
(7).....	.....	06	05
(8).....	.....	20	19
(9).....	.....	10	16
(10).....	.....	18	20
(11).....	.....	26	27
(12).....	.....	48	60
(13-a).....	.....	05	05
(13-b).....	.....	10	07

Bids held under advisement. \*

**BIDS WANTED**

**FERRY CO., Wash.—Until July 9, 10 a. m., bids will be received by W. H. Lynch, District Engineer, 816 New Post Office Bldg., Portland, Oregon, for improving about 4,090 mi. the Republic-Kettle C Falls (East Side) Highway Grading Project 20-E, National Forest Road Project, located within the Colville National Forest.**

The work involves:

- (1) 36 acres clearing;
- (2) 28 acres grubbing;
- (3) 157,475 c.y. uncl. excav.;
- (4) 115,000 sta. yds. spec. overhaul;
- (5) 4,090 mi. finishing earth graded surface;
- (6) 1,264 lf. culverts (alternate).

Plans and specifications may be obtained from the above office upon deposit of \$10.

**CONTRACT AWARDED**

**AMADOR & ALPINE COS., Cal.—Sheldon O. Co., Suisun, at \$8,940,** awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, for furnishing and applying liquid asphalt to about 24.5 miles of highway between Bartons and Picketts in Amador and Alpine Counties.

**BIDS WANTED**

**NEVADA CO., Calif.—Until July 6, 10:30 a. m., bids will be received by C. H. Whitmore, District Engineer, 703 B St., Marysville, for furnishing and stockpiling 11,800 tons of mineral aggregate for road-mix surfacing near Grass Valley, District 111, Rts. 15 and 25, Sections B & E. Plans and specifications may be obtained from above office.**

**BIDS OPENED**

**NAPA CO., Calif.—E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, at \$48,104** submitted low bid to State Division of Highways, Public Works Bldg., Sacramento, C. H. Purcell, State Highway Engineer, for applying crusher run base, plant-mixed surf., and constructing shoulders on about 4.7 miles between the westerly boundary and Napa in Napa County.

The work involves:

- (1) 4,000 c.y. imported surf. material;
- (2) 1,800 tons crusher run base;
- (3) 40 tons liq. asphalt, SC-1A shoulders;
- (4) 20 tons liq. asphalt, SC-2 shoulders;
- (5) 150 tons screenings shoulders;
- (6) 8,600 tons mineral aggregate surf.;

- (7) 26 tons asphalt emulsion (prime coat);
- (8) 400 tons liq. asphalt, MC-4, or MC-extra heavy surf.;
- (9) 42 tons liq. asphalt, MC-3 seal coat;
- (10) 450 tons screenings (seal coat).

Complete bids follow:

- (A) E. A. Forde, San Anselmo, \$48,104.
- (B) Jones & King, Hayward, \$48,150.
- (C) Chas. L. Harney, San Francisco, \$48,850.00.
- (D) Granite Const. Co., Ltd., Watsonville, \$51,446.00.
- (E) Pacific States Const. Co., San Francisco, \$52,402.00.
- (F) Piazza & Huntley, San Jose, \$52,468.90.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$1.13	\$1.15	\$1.10	\$1.30	\$1.25	\$1.15
(2).....	2.56	2.90	2.40	2.75	2.70	2.50
(3).....	12.00	13.00	17.00	13.00	14.00	12.75
(4).....	13.00	15.00	18.00	15.00	15.50	13.90
(5).....	2.75	3.00	2.75	3.00	3.50	2.90
(6).....	2.32	2.45	2.45	3.51	3.60	3.70
(7).....	20.00	30.00	20.00	25.00	22.00	27.40
(8).....	17.00	17.50	18.00	17.50	18.00	18.75
(9).....	17.00	20.00	20.00	20.00	20.00	19.25
(10).....	2.75	3.00	2.75	3.00	3.50	2.90

**BIDS WANTED**

**SONOMA COUNTY, Calif.—Until June 28, 10 A. M., bids will be received by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, Sonoma County House, Santa Rosa, for construction of Section A of Dutcher Creek Road in 4th Supervisorial District.**

The work will involve:

- (1) 68 lf. 30-inch corrugated metal pipe;
- (2) 100 lf. 18-inch concrete culvert pipe;
- (3) 123 lf. 12-in. do;
- (4) 4.6 c.y. Class A concrete;
- (5) 7,200 c.y. unclass. excav.;

Specifications obtainable from the above office.

**BIDS WANTED**

**TULARE & FRESNO COUNTIES, Cal.—Until July 6, 2 P. M., bids will be received by U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, C. H. Sweetser, District Engineer, for placing a bituminous treatment on Route 1, The Generals Highway, General Grant National Park and continuation of Sections B and C, General Grant-Sequoia Park Approach Road, Sequoia National Forest, involving approximately 6,130 miles. Quantities follow:**

- (1) 100 tons of slow curing asphalt (type SC-1A);
  - (2) 65 tons do (type SC-2).
- Plans and specifications may be obtained from above office upon deposit of \$10.00.

**BIDS WANTED**

**SAN FRANCISCO.—Until June 29, 12 Noon, bids will be received by B. P. Lamb, Secretary, Park Commissioners, Park Lodge, Golden Gate Park, for an asphalt concrete floor surface at the Palace of Fine Arts, San Francisco.**

Plans and specifications may be obtained from above office.

**BIDS WANTED**

**SAN BERNARDINO CO., Calif.—Until July 6, 2 P. M., bids will be received by E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for seal coat to be applied to the existing pavement on about 22 miles between Orange County line and Elsinore and between Temecula and San Diego County line.**

Plans and specifications may be obtained from above office.

**BIDS WANTED**

**SAN BERNARDINO CO., Calif.—Until July 6, 2 P. M., bids will be**



received by E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for seal coat to be applied to the existing pavement on about 8.4 miles between Amboy and Essex and between Needles and Vidal.

Plans and specifications may be obtained from above office.

#### CONTRACT AWARDED

**SIERRA CO., Cal.**—J. P. Breen, P. O. Box 183, Sacramento, at \$11,764 awarded contract by the State Division of Highways, Earl Lee Kelly, Director of Public Works, for furnishing and applying liquid asphalt on about 17.6 miles in Sierra County between Sierra City and Route 83.

The work involves: (1) 680 tons of liquid asphalt. SC-3.

#### 30—RESERVOIRS & DAMS

##### CONTRACT AWARDED

**CASPER-ALCOVA PROJ., Wyo.**—Lock Joint Pipe Co., Denver, at \$24,415 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 320-D, for furnishing reinforced concrete pipe for use in the construction of structures on the Casper-Alcova Project, Wyo.

##### BIDS REJECTED

**LOS ANGELES, Calif.**—Los Angeles County Supervisors, June 22, rejected all bids received June 14 for construction of Nichols Canyon Detention Basin, concrete conduit and appurtenant structures in Hollywood, immediately above Hollywood Blvd. Norman I. Fadel had submitted low bid, at \$34,551. Work will be done by force account.

##### BIDS OPENED

**BOULDER CANYON PROJECT.**—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 732, for furnishing and installing two 82,500-kv-a, 150/160 amp vertical alternating current generators for the Boulder power plant, Boulder Canyon Project:

Westinghouse Electric & Mfg. Co., East Pittsburgh: \$1,467,000; wt., 4,400,000 lbs. to be installed.

General Electric Co., Schenectady: \$1,499,163; wt., 4,300,000 lbs.; job installed.

Allis-Chalmers Mfg. Co., Milwaukee: \$1,580,000; wt., 2,250,000 lbs.; job installed.

Complete bid information regarding spare parts, etc., on file at office of DAILY PACIFIC BUILDER.

##### BIDS OPENED

**CASPER-ALCOVA Project, Wyo.**—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 320-D, for furnishing: (1) four 2,500 kv-a, 6,900 to 39,840/69,000 v-yolt transformers; (2) four 667 kv-, 6,900 to 19,920/34,500 v-yolt transformers; (3) three 100 kv-a, 6,900 to 240/120 volt transformers; and one 50 kv-a, 6,900 to 240/120 volt transformer, for installation at the Seminole power plant, Casper-Alcova Project:

Kuhlman Electric Co., Bay City, Mich.: (1) \$25,776; (2) \$11,404; (3) \$4,089.77.

Pennsylvania Transformer Company, Pittsburgh: (1) \$26,800; (2) \$10,040; (3) \$3,907.

American Transformer Co., Newark, N. J.: (1) \$27,800; (2) \$11,000; (3) \$3,670.

The Standard Transformer Co., Warren, Ohio: (1) \$27,163; (2) 10,715; (3) \$3,721.30.

Maloney Electric Co., St. Louis: (1) \$26,840; (2) \$11,200; (3) \$4,174.

Wagner Electric Co., St. Louis: (1) \$29,416; (2) \$11,190; (3) \$4,404.96.

R. E. Uptegraft Mfg. Co., Pittsburgh: (1) \$32,320; (2) \$10,872; (3) \$4,552.00.

General Electric Co., Schenectady, N. Y.: (1) \$31,890; (2) \$12,103; (3) \$5,064.94.

Westinghouse Electric & Mfg. Co., Denver: (1) \$32,048; (2) \$12,260; (3) \$4,272.

Graybar Electric Co., Denver: (1) and (2) no bids; (3) \$5,064.94.

##### BIDS REJECTED

**SHOSHONE PROJECT, Wyo.**—The following bids were rejected by the Bureau of Reclamation, Denver, under Spec. No. 916-D, for furnishing 52,000 bbis. of modified or standard portland cement in cloth sacks, or the Shoshone Canyon conduit and the Heart Mountain Canal, Heart Mountain Division, Shoshone Project: Schedule 3—Modified Portland cement, in cloth sacks:

United States Portland Cement Co., Denver: \$2.50 per bbl, fob Boettcher, Colo.

Monolith Portland Midwest Co., Denver: \$3.22 per bbl, fob Cody, Wyo.

Schedule 2—Standard Portland cement in cloth sacks:

South Dakota State Cement Co., Rapid City, S. D.: \$3.00 per bbl, fob Cody, Wyo.

Monolith Portland Midwest Co., Denver: \$3.07 per bbl, fob Cody.

United States Portland Cement Co., Denver: \$3.22 per bbl, fob Cody.

Colorado Portland Cement Company, Denver: \$3.22 per bbl, fob Cody.

##### BIDS OPENED

**BOULDER CANYON PROJECT.**—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 727, for furnishing: (1) four 3,333 kv-a, single phase, 16.5 to 69 kv transformers; (2) one 138 kv, 3-phase, 600-ampere oil circuit breaker; (3) one 69 kv, 3-pole lightning arrester; (4) three 138 kv, 600-ampere disconnecting switches; (5) two 16.5 kv outdoor potential transformers; (6) one 38.6 kv outdoor potential transformer; (7) one 16.5 kv disconnecting switch:

Westinghouse Electric & Mfg. Co., Denver: (1) \$56,005; (2) \$19,142; (3) \$1,571.49; (4) \$7,556; (5) \$28,255; (6) \$1,073.55; (7) \$140.

General Electric Co., Schenectady: (1) \$56,427; (2) \$19,140; (3) \$1,571.49; (4) no bid; (5) \$904.31; (6) \$1,067.96; (7) no bid.

Allis-Chalmers Mfg. Co., Milwaukee: (1) \$68,565; (2) \$16,255; (3) and (4) no bid; (5) \$904.31; (6) \$1,021.65; (7) no bid.

Pennsylvania Transformer Company, Pittsburgh: (1) \$45,000.

Pacific Electric Mfg. Corp., San Francisco: (2) \$18,300; (4) \$7,309; (7) \$440.

Railway & Industrial Engr. Company, Greensburg, Pa.: (4) \$7,519; (7) \$450.

Delta Star Electric Co., Chicago: (4) \$6,423; (7) \$471.

Electrical Engineers Equipment Co., Melrose Park Ill.: (4) \$7,144; (7) \$140.

Graybar Electric Co., Denver: (4) \$7,144; (7) 440.

Bowie Switch Co., San Francisco: (4) \$7,309; (4) \$440.

Electric Power Equipment Co., Philadelphia: (4) \$6,827; (4) \$400.

The High Tension Co., Inc., Philadelphia, N. J.: (7) \$38,600.

Johnson Mfg., Atlanta, Ga.: (7) \$320.95.

##### BIDS OPENED

**BOULDER CITY, Nev.**—Following bids were submitted to the Bureau of Reclamation, Denver, under Spec. No. 734, for furnishing two vertical-shaft, 115,000-hp., 150/180 rpm., hydraulic turbines, and two governors, including pumping equipment for regulating speed of the 115,000-hp. turbines for installation in the Boulder Power Plant, Boulder Canyon Proj.:

Allis-Chalmers Mfg. Co., Milwaukee:

(1) \$998,940; (2) \$49,400; (Comb.) \$1,033,640.

Baldwin—Southward Corp., Philadelphia: (1) \$1,085,000; (2) no bid.

S. Morgan Smith Co., York, Pa.: (1) \$1,138,240; (2) \$36,944; (Comb.) \$1,174,682.

Woodward Governor Co., Rockford, Ill.: (1) no bid; (2) \$36,942.

Complete bids on file at the office of DAILY PACIFIC BUILDER.

##### BIDS OPENED

**BONNEVILLE, Ore.**—Montgomery Elevator Company, 30 Twentieth St., Moline, Ill., at \$5,190, submitted the only bid to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, for furnishing and installing at the Bonneville Project, one automatic electric elevator, push-button type, passenger, including operating machinery, structural steel guides and machinery supporting beams, elevator car, hoistway doors and frames, control equipment, and all other appurtenances and accessories, complete and ready for permanent operation. The elevator is to be installed in the access shaft of the spillway dam of the Bonneville Project.

##### BIDS OPENED

**BONNEVILLE, Oregon.**—Following bids were submitted to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 691-37-389, for designing, constructing, testing and delivering f.n.b. cars at factory shipping point, seven items of switchboards, control cabinets, signal panels and related accessories for the Bonneville Powerhouse, Bonneville, Oregon.

Total bids follow:

Wolfe & Mann Mfg. Co., 312 Hanover St., Baltimore, Md.—\$12,303.

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa.—\$15,115.

Cutler-Hammer, Inc., San Francisco—\$15,607.

North Coast Elec. Co., Portland—\$16,146.

Stuhls Elec. Co., Portland—\$16,146.

Graybar Elec. Co., Seattle—\$16,146.

General Elec. Supply Corp., Portland—\$16,146.

NePage McKenny Co., Seattle—\$18,692.84.

#### 31—PIPE LINES & WELLS

##### CONTRACT AWARDED

**LOS ANGELES, Calif.**—National Cast Iron Pipe Co. was awarded contract by Metropolitan Water District June 18 at \$63,202.75 for furnishing C. I. pipe and fittings, Bid 82858. Bids were opened by Metropolitan Water District Purchasing Agent, May 24.

#### 32—SEWERS & SEWAGE DISPOSAL PLANTS

##### BIDS WANTED

**COMPTON, Los Angeles Co., Cal.**—Until June 29, 8 P. M., bids will be received by the Compton City Council for constructing sewers in Burris Ave., under 1911 Act.

The work will involve: (1) 930 ft. 8-inch vitrified sewer; (2) 3 manholes;

(3) one flushing manhole.

A. B. Gidley, City Manager.

Specifications obtainable from the above office.

##### BIDS WANTED

**SAN MATEO, Calif.**—Until June 28, 8 p. m., bids will be received by the San Mateo City Council, City Hall, San Mateo, for furnishing materials and digging trench for sewer in Beresford on 28th, 29th and 30th Avenues, between Hacienda and del las Puigas. Work involves:

- (1) 5700 feet trenching;
- (2) 4500 lf. 6-in. vit. clay sewer pipe;
- (3) 1200 lf. 8-in. do.;
- (4) 35 Wyes, 8x4;
- (5) 100 Wyes, 6x4;
- (6) 500 gal. emulsified asphalt;
- (7) 110 tons base rock;
- (8) 150 sacks cement;
- (9) 25 cu. sand;
- (10) 75 manhole steps;
- (11) 15 cast iron frames and covers.

Labor to be done by WPA. Bid forms may be obtained from the above office.

#### CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Cal.—O. G. Ritchie, San Jose, at \$4,184.75 awarded contract by Watsonville City Council for the construction of extensions to the sewer system. This will be the first unit of a program of extensions and additions to the sewer and drainage sys-

tem for which \$22,000 in bonds were voted May 10.

#### Work involves:

- (1) 1098 lf. 6-in. vit. pipe;
- (2) 545 lf. 6-in. CIP;
- (3) 32-4x6-in. vitrified wyes;
- (4) 13-4x6 cast iron wyes;
- (5) 5 manholes;
- (6) 1 reinf. concrete culvert, comp.;
- (7) add, crusher run rock in place.

#### Complete bids follow:

(A) O. G. Ritchie, San Jose, \$4,184.75.  
(B) Granite Const. Co., Watsonville, \$4,335.50.

(C) A. B. Carter, Avenal, \$4,419.00.  
(D) W. J. Tobin, Oakland, \$4,554.22.

	(A)	(B)	(C)	(D)
(1).....	75	100	1.00	59
(2).....	1.45	1.50	1.40	1.56
(3).....	1.25	1.00	1.00	.50
(4).....	2.00	1.50	2.00	2.00
(5).....	90.00	80.00	70.00	75.00
(6).....	2055.00	1914.00	2156.00	2500.00
(7).....	2.75	2.50	3.00	3.00

### SAN DIEGO—BARRACKS, ETC.—(Govt.)

SAN DIEGO, Calif.—B. O. Larsen, 1340 E. St., San Diego, at \$540,000, submitted the low bid to the 11th Naval District in San Diego June 22, for one barracks building and one combined mess hall-galley-barracks building and services at the Naval Operating Base (Air Station), San Diego; Spec. 7985. For complete description of buildings see magazine of May 28. Bids were taken as follows:

- (1) Work complete;
- (2) For accounting purposes only;
- (3) Deduct from Item 1 for omission of all sidewalks, pavement and curbs;
- (4) Deduct from Item 1 for omission of all exterior stucco;
- (5) Deduct from Item 1 for terrazzo floor and base in lieu of tile in

rooms covered by Alt. B;

(6) Deduct from Item 1 for omission of all door and window screens of barracks building and all window screens on second floor only of combine dbarracks galley and mess hall building;

(7) Deduct from Item 1 for omission of west wing of combined barracks, galley and mess hall bldg. as covered by Alt. C;

(8) Deduct from Item 1 for omission of both west and east wings of combined barracks galley and mess hall building as covered by Alt. D;

(9) Deduct from Item 1 for omission of all painting on interior exposed concrete and plaster surfaces of both buildings.

#### The bids were:

	(1)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B O Larsen	\$540,000	\$17,000	\$8,500	\$8,500	\$2,282	\$8,000	\$17,000	\$8,000
M H Golden	533,666	15,116	6,800	8,300	1,793	7,589	15,569	7,800
Hunt & Curry	557,000	14,976	8,147	13,234	3,007	8,003	17,388	7,229
H Mayson	559,841	17,106	8,494	9,223	2,922	8,800	18,500	8,585
H A Nichols	577,310	13,226	7,900	7,535	2,314	9,701	20,234	4,782
L A. Contracting Co.	584,800	13,000	7,000	8,000	2,400	7,700	16,800	5,500
Person & Holdingsworth	585,558	20,202	8,500	9,640	2,775	10,186	23,585	8,675
Whittaker & Snook	590,500	14,250	2,500	11,360	2,650	10,500	22,750	8,500
L E Dixon Co.	601,000	17,629	5,000	10,000	2,792	8,756	18,000	7,500
V R Denis	617,970	18,890	6,990	8,134	2,734	9,208	19,690	6,490
J K Thomas	623,419	20,585	8,600	8,300	1,000	10,478	21,567	7,900

### LASSEN CO.—14.2 MI. SURFACING—(State)

LASSEN CO., Calif.—George Pollock, P.O. Box 903, Sacramento, at \$38,327.50, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Work Bldg., Sacramento, for surfacing with crusher run base and applying penetration oil treatment to about 14.2 miles of roadway in Las-

sen County, between Termo and Madeline.

#### The work involves:

- (1) 1550 M. gals. water;
- (2) 23,450 tons crusher run base;
- (3) 150 tons liq. asphalt, SC-2;
- (4) 175 tons liq. asphalt, SC-4;
- (5) 50 cu. y. sand.

#### Total bids follow:

(A) George Pollock, Sacramento								\$38,327.50
(B) J A Cason Hayward								44,265.00
(C) A Trenchard & Son, Sacramento								44,418.00
(D) Clifford A Dunn								44,500.00
(E) E Bishop Orland								45,690.00
(F) Fredrickson & Westbrook, Lower Lake								46,557.00
(G) Harms Bros, Lithfield								47,112.50
(H) Louis Biasotti & Son, Stockton								49,452.50
(I) Honnert & Bell, Marysville								50,517.50
(J) Lee J Dumell, Berkeley								55,811.50
(K) Hershman & Son, San Francisco								58,594.50

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	8.00	82.00	82.50	81.50	82.50	83.00	82.25	82.00	81.60	82.85	82.85
(2).....	142	128	128	135	130	145	145	148	152	183	180
(3).....	17.50	20.00	20.50	21.00	23.00	19.00	18.00	19.00	22.50	20.00	22.00
(4).....	18.50	20.00	22.00	22.00	25.00	20.00	20.00	21.00	23.50	21.00	25.00
(5).....	2.00	3.00	3.20	3.00	3.00	2.20	2.75	5.00	4.00	2.40	3.20

### LOW BIDDER

SAN DIEGO, Calif.—J. C. Hickey, 322 S. Palm Ave., Alhambra, at \$164,107, submitted low bid to International Boudry Commission, El Paso, Texas, June 21, for construction of sewers and outfall for Lower Tijuana Sanitation Project. The work will be included in one schedule, including labor, material and equipment. The proposed project involves construction of sanitary sewer and appurtenances in the Tijuana River Valley approximately paralleling the international boundary. The work consists of clearing the right of way and constructing approximately 6.5 miles of sanitary sewers, one reinforced concrete surge tank, and ocean outfall.

#### The other bids were:

Bebek & Brkch, L. A.—\$147,266.  
John Artukovich, L. A.—\$152,953.  
Drainage Constr. Co., Lynnwood—\$156,373.

V. R. Dennis Constr. Co., San Diego—\$195,805.

#### The approximate quantities are:

- (1) 4430 ft. 8-in. vit. clay pipe sewer;
- (2) 7510 ft. 12-in. vit. clay pipe sewer;
- (3) 2970 ft. 21-in. vit. clay pipe sewer;
- (4) 1110 ft. 24-in. ctd strength vit. clay pipe sewer;
- (5) 350 ft. 24-in. extra strength vit. clay pipe sewer;
- (6) 58 reinf. concr. manholes, not more than 5-ft. deep;
- (7) 330 lf. reinf. concr. manholes (additional ft. of manhole over 5 ft. depth);
- (8) one manhole drop connection;
- (9) 50 cu. y. concr. in pipe encasement;
- (10) 5000 lbs. reinf. steel in concr. pipe encasement around sewer pipe;
- (11) 50,000 bd. ft. creosoted Wakefield sheet piling;
- (12) 2000 bd. ft. creosoted timber benching for pipe supports;
- (13) 100 cu. y. excav. and refill below established grade line;
- (14) reinf. concr. surge tank complete, lump sum;
- (15) ocean outfall (16-in. O.D. pure wrought iron), complete, lump sum.

### 33— WATER WORKS

#### BIDS OPENED

FORT MASON, Cal.—Underground Constr. Co., 6 Alvarado, Berkeley, Calif., at \$6,199, submitted the low bid to the Contracting Quartermaster, Captain S. W. Hulise, Q.M.C., Fort Mason, under Bid No. W 6616-37-105, for making changes and additions to the water system at the Presidio of San Francisco.

#### Complete bids follow:

Underground Constr. Co., Berkeley	\$6,199.00
E J Treacy, San Francisco	6,306.15
R A Parish, S. F.	6,366.00
W J Tobin, S. F.	6,452.00
Fay Improvement Co., S. F.	6,483.00
Scott Co., Oakland	6,497.00
P L Burr, S. F.	6,607.00
Mills Const. Co., S. F.	6,992.00
Union Paving Co., S. F.	7,130.00

Bids taken under advisement

#### PLANNED

MARSHFIELD, Oregon—At a meeting of Mayors and engineers of East Side and Coquille City Engineers R L Cavanaugh of North Bend, and E K Burton of Marshfield, estimated that the construction of 110-ft. dam and 36-mile pipe line, and purchase of rights of way for a water system to serve the above mentioned towns would cost about \$2,000,000.

William Wann, Coos County Auditor will outline plans for financ-

ing at the next meeting of the group.

The Coos Bay Pulp Corp. has agreed to purchase 15,000,000 gals. daily if system is constructed.

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.—** Until June 28, 5 p.m., bids will be received by Bakersfield City Council for one turbine pump and motor, suitable for use at Central Park in the City of Bakersfield. Bids must be submitted on forms on file in the office of the City Engineer and must state allowance to be made for one 2-in. American Steam Pump Co. pump; one 10-hp. Fairbanks-Morse Industrial motor; one 8-in. Fresno Agricultural Works pump; one 10-hp. General Electric Co. motor, now in use at Central Park. Certified check, 10%. V. Van Ripper, City Clerk. J. Holfelder, city engineer.

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Cal.—** Until June 23, 11 A. M., bids will be received by Frank W. Hogan, Clerk, County of Santa Clara, for the installation of corrugated culverts on Black Road in Supervisor's District No. 5.

Plans and specifications may be obtained from the above office upon deposit of \$1.00.

**KERN CO.—2.8 MI. GRADING—(State)**

KERN CO., Cal.—Basch Brothers, 20530 S. Normandie ave., Torrance, at \$13,465, submitted low bid to State Division of Highways, C. H. Purcell, State Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment to about 2.8 mi. of roadway in Kern County, at Rademacher.

The work involves:

- (1) 19,100 cu. yd. roadway excav., without class;
- (2) 27,000 sta. yds. overhaul;
- (3) 350 cu. yd. struct excav.;
- (4) 450 cu. yd. salvaging exist. surf.;
- (5) 150 sta. finishing roadway;
- (6) 33,500 sq. yds. preparing, mixing and shaping roadbed;
- (7) 35 tons liq. asphalt, SC-2 (prime coat);
- (8) 210 tons liq. asphalt, SC-3;

- (9) 670 lf. 24-in. CMP;
  - (10) 25 each, culvert markers;
  - (11) 22 each, guide posts;
  - (12) 140 cu. yd. light riprap;
  - (13) 37 each, monuments, complete, in place.
- Complete bids follow:
- (A) Basch Bros., Torrance, \$13,465.
  - (B) Young & Sons Co., Ltd., Berkeley, \$13,855.50.
  - (C) M. J. Ruddy, Modesto, \$15,905.00.
  - (D) A. S. Vinnell Co., Los Angeles, \$15,925.50.
  - (E) F. Embleton, Albany, \$17,461.00.
  - (F) George K. Thompson Co., Ltd., Los Angeles, \$18,102.00.
  - (G) Rexroth and Rexroth, Bakersfield, \$18,447.00.
  - (H) Wm. C. Horn Co., Pomona, \$18,182.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ .18	\$ .26	\$ .30	\$ .35	\$ .36	\$ .40	\$ .37	\$ .45
(2)	1.00	.005	.0075	.01	.006	.01	.015	.02
(3)	1.40	1.00	1.00	1.00	1.00	1.30	2.60	1.50
(4)	1.50	1.25	1.00	1.45	1.00	1.50	2.00	1.20
(5)	10.00	5.00	7.00	10.00	7.00	6.00	10.00	8.00
(6)	.08	.065	.06	.06	.07	.07	.07	.075
(7)	14.00	11.10	15.00	13.00	17.00	14.00	18.00	12.00
(8)	15.00	17.00	18.00	15.00	19.00	17.00	17.00	14.50
(9)	.60	.25	1.00	.50	.70	.70	.50	.60
(10)	2.50	2.50	4.00	2.50	3.00	4.00	3.00	2.50
(11)	2.00	2.50	5.00	2.50	3.00	4.00	3.60	2.50
(12)	2.00	6.00	5.00	2.50	5.00	4.00	5.00	10.00
(13)	3.00	3.00	4.00	4.00	3.00	4.00	5.00	4.00

**KERN CO.—CONSTRUCT BRIDGE & 5.5 MI. GRADING—(State)**

KERN COUNTY, Calif.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$128,573.20 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a bridge with concrete deck and grading and placing plant-mixed surfacing, and applying road-mix surface treatment to about 5.5 miles in Kern County, between Maricopa and Taft.

The work involves:

- (1) 1,400 M. gals. water;
- (2) 284,000 cu. yd. roadway excav., unclassified;
- (3) 3,000 cu. yd. excavation for structures;
- (4) 2,000 cu. yd. ditch excav.;
- (5) 1,270,000 sta. yds. overhaul;
- (6) 290 sta. finishing roadway;
- (7) 102,000 sq. yds. preparing, mixing and shaping roadbed and shoulders;
- (8) 1,050 tons liq. asphalt, SC-3, road mix surf. treatment;

- (9) 10,100 tons mineral aggregate plant-mix surf.;
- (10) 510 tons liq. asphalt, ROMC-4 or ROMC-5 plant-mix surf.;
- (11) 550 cu. yd. Class A portland cement concrete structures;
- (12) 63,000 lbs. bar reinf. steel;
- (13) 578 lf. 8-in. CMP;
- (14) 530 lf. 12-in. CMP;
- (15) 2,212 lf. 24-in. CMP;
- (16) 194 lf. 30-in. CMP;
- (17) 450 lf. 48-in. CMP;
- (18) 56 lf. 60-in. CMP;
- (19) 29 each, spillway assemblies;
- (20) 110 cu. yd. exist. cone remove and disposed of;
- (21) 100 cu. yd. light riprap;
- (22) 200 each, guide posts;
- (23) 50 each, culvert markers;
- (24) 100 each, monuments;
- (25) 30 lf. solid timber rail;
- (26) 510 lf. furnish treated Douglas fir piles, including test pile;
- (27) 20 each, driving piles, including test pile;
- (28) 2 each, clearance markers.

- (B) A. Teichert & Son, Sacramento, \$133,640.10.
- (C) George K. Thompson & Co., Los Angeles, \$138,793.50.
- (D) Harms Bros. and N. M. Ball & Sons, Sacramento, \$141,508.00.
- (E) Dimmitt & Taylor, Los Angeles, \$145,277.20.
- (F) Oswald Bros., Los Angeles, \$146,034.20.
- (G) Stewart Nuss, Inc. and Oil Fields Trucking Co., Fresno, \$146,381.50.
- (H) Hanrahan Co., San Francisco, \$153,839.90.
- (I) J. E. Haddock, Ltd., Pasadena, \$154,951.30.
- (J) Southern California Roads Co., Los Angeles, \$155,693.40.
- (K) Atlas Const. Co. and C. F. Robinsons, Pasadena, \$156,059.60.
- (L) Basch Brothers, Torrance, \$162,597.60.
- (M) Union Paving Co., San Francisco, \$172,363.90.
- (N) Geo. Pollock, Sacramento, \$178,339.00.

Total bids follow:

(A) Griffith Company, Los Angeles.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$2.50	\$2.25	\$ .55	\$2.25	\$1.75	\$2.00	\$2.00	\$3.00	\$1.75	\$2.25	\$2.50	\$1.50	\$2.50	\$1.50
(2)	1.65	1.17	1.24	2.0	1.9	2.0	1.83	2.3	2.1	1.85	2.05	2.0	2.7	2.3
(3)	1.00	1.00	1.10	1.20	1.00	1.25	1.00	1.25	1.00	1.10	1.00	1.50	1.00	1.00
(4)	1.00	.60	.90	.80	1.25	1.25	.75	1.00	.60	.85	.75	.70	.75	.75
(5)	.004	.005	.005	.006	.005	.005	.01	.01	.005	.005	.005	.005	.005	.01
(6)	4.00	5.00	6.00	5.00	5.00	8.00	8.00	6.00	10.00	6.00	10.00	10.00	10.00	15.00
(7)	.85	.66	.94	.84	.06	.05	.05	.05	.05	.05	.05	.08	.06	.05
(8)	12.00	12.00	10.20	11.00	13.00	12.00	10.75	11.50	12.50	12.50	15.00	15.00	15.00	14.00
(9)	2.08	2.17	2.85	2.15	2.55	2.40	2.45	1.70	3.15	3.50	2.75	3.00	2.75	3.50
(10)	15.00	17.50	13.92	15.00	15.00	17.00	14.38	17.75	15.50	16.50	16.00	18.00	16.50	18.00
(11)	21.00	22.00	22.00	20.50	25.00	24.00	22.00	22.00	24.00	24.00	25.00	25.00	25.00	24.00
(12)	.05	.055	.055	.06	.05	.05	.06	.055	.055	.055	.06	.06	.07	.07
(13)	.30	.30	.20	.40	.30	.30	.25	.30	.25	.15	.30	.40	.40	.25
(14)	.40	.35	.30	.50	.30	.30	.60	.30	.30	.25	.50	.50	.50	.35
(15)	.60	.40	.40	.75	.60	.40	.70	.50	.40	.45	.60	.60	.45	.50
(16)	.90	.60	.60	1.00	.70	.50	.80	.60	.50	.55	1.00	.80	.70	.70
(17)	2.20	1.00	1.20	2.00	1.00	.75	2.00	.90	.60	.90	1.50	1.00	.75	1.20
(18)	4.00	1.25	3.00	4.00	1.30	1.50	3.00	1.25	.75	1.10	5.00	1.25	1.00	1.70
(19)	6.00	5.00	10.00	7.00	7.00	5.00	12.50	6.00	5.00	4.00	10.00	7.00	1.50	2.00
(20)	2.00	2.50	3.00	3.00	2.50	3.00	3.00	3.75	2.50	2.50	5.00	3.00	1.50	4.00
(21)	3.00	3.00	3.00	4.50	4.00	1.00	3.00	3.75	2.50	2.00	3.00	3.00	5.00	4.00
(22)	2.00	2.50	3.00	3.00	2.50	2.50	2.50	3.00	2.00	2.00	1.50	2.50	4.00	3.00
(23)	3.30	2.50	3.00	3.00	2.50	2.50	2.00	2.00	2.50	3.00	2.00	2.50	4.00	3.50
(24)	2.30	3.00	3.00	3.00	3.30	3.00	3.00	3.00	3.00	4.00	3.00	3.00	2.50	4.00
(25)	1.75	1.00	2.00	2.40	1.40	1.25	3.00	1.50	1.50	1.25	1.50	2.00	1.25	2.00
(26)	4.00	.80	.80	1.00	.90	.85	1.80	1.10	.90	.75	1.00	.90	.80	1.00
(27)	20.00	45.00	30.00	35.00	27.00	15.00	20.00	25.00	20.00	25.00	20.00	60.00	20.00	40.00
(28)	10.00	10.00	5.00	10.00	10.00	5.00	5.00	7.00	10.00	6.00	10.00	25.00	9.00	10.00

## PLANNED

**EL CENTRO, Imperial Co., Calif.**—The Imperial Irrigation District has voted 7191 to 955 in favor of a Rural Electrification Administration loan of \$700,000 for the construction of transmission lines and distributing system. The district also voted 7004 to 759 in favor of entering into a government contract with the FWA to procure a grant of \$1,200,000 and a loan of \$1,515,000 for the development of district power projects. 3

## BIDS OPENED

**DENVER, Colo.**—Bids for 2 vertical shaft, 115,000-hp. 150/180 r.p.m. hydraulic turbines and 2 governors with pumping equipment for regulating speed of turbines for installation in Boulder power plant. Spec. 734, opened by Bureau of Reclamation, Denver, were: Allis-Chalmers Mfg. Co., Milwaukee, (1) \$385,940; (2) \$49,400; combination bid, \$1,033,640; Baldwin-Southard Corp., Philadelphia, (1) \$1,085,000; S. Morgan Smith Co., York, Pa., (1) \$1,138,240; (2) \$36,942; combination bid, \$1,174,682; Woodward Governor Co., Rockford, Ill., (2) \$36,942.

## BIDS OPENED

**LOS ANGELES, Cal.**—Bids for (I) two 48x42-in. needle valve assemblies and one 60x54-in. complete, (II) two high pressure gate assemblies, one 3-ft. 6-in. x 6-ft. and one 4-ft. 6-in. x 6-in., Spec. 219, opened by Metropolitan Water District, were

Consolidated Steel Corp., Ltd.—Sch. 2—(3) \$7150; (4) 9945; no use tax, total \$17,098; (3) 23,400 lbs. (1,000 lbs. dunnage) (4) 38,300 lbs. (1,100 lbs. dunnage) fob Los Angeles. No use tax; no discount. Casting to be subject to Joshua Hendy Co.

Pelton Water Wheel Co., San Francisco—Sch. 1—(1) \$14,225; (2) \$27,245; no use tax; weight: (1) 32,500 lbs. (2000 lbs. dunnage packing); (2) 63,000 lbs. (3000 lbs. dunnage packing); fob San Francisco; no discount. Exception to delivery; (2) 270 days; Sch. 2, no bid.

Handle-Tynes Mfg. Co.—Sch. 1—(1) \$13,000; (2) \$24,500; total \$37,500; use tax to be added; weight (1) 31,000 lbs., of which 600 lbs. is packing; (2) 59,000 lbs. (1000 lbs. packing); fob Birmingham; ½ of 1% 10 days; (3) \$3910; (4) 16,500; total \$18,710; use tax to be added; weight: (1) 32,000 lbs. (500 packing); (2) 50,000 lbs. (800 lbs. packing); fob Birmingham; ½ of 1% 10 days.

## 34—PARKS AND PLAY GROUNDS

## BIDS WANTED

**LOS ANGELES, Calif.**—Until July 1, 2 p.m., bids will be received by the Los Angeles Board of Education for sprinkler system and landscape work at 27 elementary schools.

## BIDS WANTED

**LOS ANGELES, Calif.**—Until July 1, 2 p.m., bids will be received by the Los Angeles Board of Education for sprinkler system and landscape work at thirteen high and junior high schools.

## BIDS OPENED

**SAN FRANCISCO** — California Nursery Co., Niles, at \$3,202.57, submitted low bid to the Procurement Division, Washington, D. C., for planting the grounds of the Federal Office Building at San Francisco.

Complete bids follow:  
California Nursery Co., Niles \$3,202.57  
W. A. Hoff, San Francisco 5,177.00  
Pacific Nurseries, Colma 5,247.00

## CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—W. A. Hoff Landscape Organization, 580 Market St., San Francisco, at \$292, awarded contract by the Department of Public Works, City Hall, for planting at Francis Scott Key School, Kirkham St. and 43rd Ave. (8516) 1st rep. June 10; 2nd, June 17

## 35—TUNNELS

## BIDS WANTED

**LOS ANGELES, Calif.**—Until July 2, 10 a.m., bids will be received by Los Angeles Memorial Coliseum, 3911 S. Figueroa St., for improvements at the coliseum in Exposition Park. The project will include paving all tunnels leading into the structure, repairs to tunnels, and paving walk areas, about ½ mile long by 20 to 30 feet wide. John and Donald B. Parkinson, architects, 808 Title Insurance Bldg. Estimated cost, \$17,600.

The work includes:

- Paving of area outside of the Coliseum between the fence and the toe of the slope of the Coliseum fill.
- The reconstruction of the tunnel walls where the same have been disintegrated.
- Removal of the existing material of the tunnel floors and the backfilling and paving of said tunnels.

Plans prepared by Architect Robt. from the above office. 35

## BIDS WANTED

**LOS ANGELES**—Until July 2, 10 a.m., bids will be received by the Los Angeles Memorial Coliseum Commission, 3911 S. Figueroa St., for a repair work to tunnels and for paving tunnel floors and walk areas at the coliseum. Certified or cashier's check for 10% required. Plans obtainable at the office of the architects, John and Donald B. Parkinson, 808 Title Insurance Bldg., upon deposit of \$25. Area outside the coliseum to be paved, with cement, is about ½ mile in length and 20 to 30 feet wide. The following contractors have procured plans: Southern Calif. Roads, 2145 E. 25th St.; E. A. Irish, 1018 Mignonette St.; R. A. Wattson, 1026 N. McCadden Pl.; N. A. Anderson, 111 W. 7th St.; Carl Hallin, 909 N. Alvarado St.; L. F. Dow, 111 W. 7th St.; Bennett & Taylor, 1041 Venice Blvd.; Harco Constr. Contr. 5756 San Vicente Blvd.; Vernation Engrs. Co., 2310 ½ W. Conning Ave., all of Los Angeles; Bill Tanner & Son, 2156 S. Sepulveda, Sawtelle.

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## WAR DEPARTMENT

**PORTLAND, Oregon.**—Until June 30, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Spec. No. 698-37-443, for painting and repairing U. S. Pipe Line Dredge, "Multnomah," located at Government Moorings, St. Helens Road, Portland.  
Plans and specifications obtainable from above office.

**SACRAMENTO, Calif.**—Until July 2, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Field Office Bldg., Sacramento, under Spec. No. 1105-37-252, for bolts, studs, ship augers and one water cooler; f.o.b. Rio Vista.  
Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until July 2, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 1105-37-253, for furnishing air hose, couplings, etc.; f.o.b. Rio Vista.  
Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until June 30, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, S. F., under Bid No. 428-37-154, for furnishing 15,000 yards unbleached drill; f.o.b. Fort Mason.  
Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, or furnishing supplies and materials, as follows:

July 7, 2 P. M.

BID NO. 4897-12 dozen marking hatchets; f.o.b. Government Island.

Specifications obtainable from the above office.

## LOS ANGELES CITY

**LOS ANGELES, Calif.**—Until July 10 A. M., bids will be received by Los Angeles Memorial Coliseum, 3911 Figueroa St., for improvements at the coliseum in Exposition Park. The project will include paving all tunnels leading into the structure, repairs to tunnels, and paving walk ways, about 1/2 mile long by 20 to 10 ft. wide. John and Donald B. Parkinson, architects, 808 Title Insurance Bldg. Est. cost, \$17,600.  
The work includes:

(a) Paving of area outside of the coliseum between the fence and the e of the slope of the Coliseum fill.  
(b) The reconstruction of the tunnel walls where the same have been sintergrated.

(c) Removal of the existing material of the tunnel floors and the back-cavation for drains, prime and seal coats, applying asphaltic oil to surface course.  
Materials will be furnished by the Government.

Plans and specifications obtainable from the above office.

ALL-AMERICAN CANAL.—Until

filing and paving of said tunnels.

Plans and specifications obtainable from above office. \* 35

## RECLAMATION BUREAU

**BOULDER CANYON PROJECT.**—Until July 7, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 942-D, for surfacing a portion of the Black Canyon Highway and adjacent parking areas at the Boulder Dam. Work includes subgrade and base course, shoulders, July 1, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 939-D, for insulated cable for installation at the Imperial Dam and desliting works. Materials will be installed by the Government.

Plans and specifications obtainable from the above office.

**BOULDER CANYON PROJECT.**—Until June 30, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 940-D, for two plate-steel turbine inlet pipes for in-

stallation in the Boulder power plant, Boulder Canyon Project.

Pipes will be installed by the Government.

Specifications obtainable from the above office.

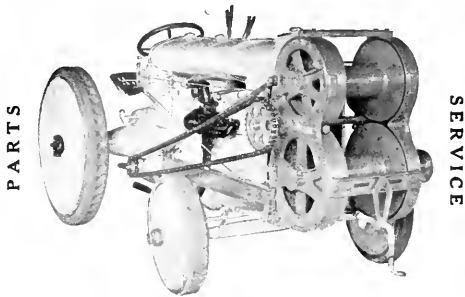
## CANAL ZONE

**PANAMA CANAL ZONE.**—Until July 6, 10:30 A. M., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., under Spec. No. 3265, for furnishing steel forms for reinforced concrete, metal working lathe, garbage cans, wire rope clips, chain shackles, turnbuckles, aluminum, wire cloth, poultry netting, oars, life preservers, pneumatic tires, rubber matting, rubber boots, paint and ingredients, paint remover, wood alcohol, ethyl alcohol, hydrochloric acid, carbon bisulphide, copper sulphate, quicklime, caustic soda, coal tar, powdered rosin, grease, pig iron, pig tin, slab zinc, pig lead, ferromanganese, foundry coke, fire clay, silica sand, ganister, turkish towel-ing, lumber, etc.; f.o.b. Cristobal or Balboa.

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Terminal Contract**



S. F. Building Permits Total \$2,195,120



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SAN FRANCISCO, CALIF., JULY 3, 1937

No. 24

## LET \$2,283,000 S. F.-OAKLAND BAY SPAN RAILWAY TERMINAL CONTRACTS

Contracts aggregating \$2,283,377 for construction of the San Francisco terminal for interurban electric trains to operate across the San Francisco-Oakland Bay Bridge were awarded yesterday by Director Earl Lee Kelly of the State Department of Public Works.

The awards leave only one major section of the bridge railway facilities—the San Francisco viaduct—to be contracted.

### Lowest Bidders

Awarded in every instance to the low bidder, the contracts were let as follows:

General construction: MacDonald & Kahn Co., Ltd., San Francisco, \$1,658,510.

Structural steel: Columbia Steel Co., San Francisco, \$442,360.

Mechanical work: Scott Co., San Francisco, \$109,257.

Electrical work: Radelfinger Bros., San Francisco, \$73,250.

As awarded, the contracts provide for construction of extensive garages in the building.

Most expensive single unit of the bridge railway system, the terminal will require some 4,000,000 pounds of structural steel and will house an intricate system of ramps and stairways by means of which passengers will have access to and from trains entering the station on elevated tracks.

Tracks and loading platforms will be entirely roofed over a length of 700 feet with large skylights and windows providing ample lighting. Trains will come in to the terminal over six tracks which will be arranged in pairs with platforms between alternate trains.

### Four Entrances

The main station width will be 164 feet. A fence will be placed between adjacent tracks in order to prevent hazards to passengers from incoming and outgoing trains.

The terminal will contain a large waiting room in the center of the station on the ground floor with access to four streets — Mission, Fremont, First and Natoma. Passengers leaving the bridge trains which come in on the elevated train level above the mezzanine floor need not pass through this waiting room but may leave the concourse by means of outdoor or indoor ramps to be located in front of the head house and at each end of the station.

## Fill for Eastbay Yard is Half Completed

Construction on two fronts is being rapidly pushed for the San Francisco - Oakland Bay Bridge electric railway facilities, according to a progress report submitted by Chief Engineer C. H. Purcell yesterday to the State Director of Public Works Earl Lee Kelly.

Fifty per cent of the 250,000 tons of fill material has been placed at the Key Route Mole for storage yards and bridge trains. Concrete for the foundations of twenty piers of the Port of Oakland Overhead has been poured and piling for twenty catenary bridges has been driven to a depth of 126 feet.

Meanwhile, the Santa Fe Railroad Company and the Southern Pacific Company are moving their interchange yard to clear the site for the construction of the overhead Y structure at Twenty-sixth street. "Construction at this point will start in the near future," Mr. Purcell said.

### Speed Demolition

In San Francisco, demolition under Contract R-1A is progressing at a rapid rate with the terminal area west of First street, and the area between Fremont and First streets is expected to be ready for the superstructure contractor by the end of July.

The next contract to be advertised will be for construction of the San Francisco viaduct. Bids will be asked next month, and will be opened in August.

Fabrication of steel work for the structures in the East Bay has continued at plants of the American Bridge Company and Judson Pacific Company.

## S. F. BUILDING PERMIT VOLUME STEADY IN JUNE

### Residential, Alteration Permits Decline; Bureau Fees Increase

San Francisco's building permit total for June amounted to \$2,195,120, an increase of almost \$1,000,000 over the June, 1936, figure of \$1,279,602, Chief Clerk S. J. Rosenblum of the Central Permit Bureau announced yesterday.

Coincident with the release of June permit figures Rosenblum said that fees for building permits issued during the month amounted to \$90,661, an increase of about 40 per cent over the fees for last June. "This amount was the largest to be received by the Central Permit Bureau since June, 1929," he declared.

A drop in residential building was indicated this month with 156 permits issued for frame buildings estimated to cost \$745,970. Frame construction passed the million dollar mark in three previous months this year. The \$745,970 figure exceeded the frame totals for January and February, it was noted.

### Fair Pavilions

Largest single permit of the month was issued for the construction of four pavilion buildings, costing \$214,800, on Exposition Island. The buildings will enclose the central court on the World's Fair grounds.

Following is a classification of permit figures for May, 1937, and May, 1936:

Class.	June, 1937	June, 1936
No.	Est Cost	No. Est. Cost
A	1 \$ 200,000	..... \$
B	3 181,975	1 1,000
C	7 149,926	8 115,750
Frames	156 745,970	173 803,561
Alter.	512 460,029	450 329,920
Public	1 11,000	4 17,465
U.S. Govt.	1 131,420	1 11,906
Harbor	1 100,000	.....
1939 Exp.	1 214,800	.....
Total	683 \$2,195,120	637 \$1,279,602

Production of galvanized range boilers totaled 438,071 during the first five months this year, the census bureau reports, as compared with 321,419 during the corresponding period in 1936.

# PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY			DWELLING		Architect — W. B. Ellison, Pacific Building. \$9700	
No. Owner	Contractor	Am't.	(152) LOT NO. 10, BLK. 2133-A	One-story and basement frame dwelling.		
147 Deere	Barrett	1986	Owner—W. W. Pickett, 146 Quintara.			
148 Gazzo	Carraro	3750	Contractor—J. F. Linder, 617 Mofaga.			
149 Lindsay	Owner	4000	Architect—P. L. Dragon and C. R. Schmidts, 2068 Allston Way.			
150 Lindsay	Owner	4000	Berkeley. \$4500			
151 Pellisero	Grant	1230				
152 Pickett	Linder	4500				
143 Royal	Dinwiddie	45000				
154 Waller	Miller	1000				
155 Wheeler	Fisher	6000				
156 Campi	Sharman	8000				
157 Coughlin	Owner	15000				
158 Goodday	Foster	3000				
159 Kravchenko	Owner	1000				
160 McDermott	N. Roof	1200				
161 Walker	Owner	1000				
162 Home Owners	Siegrist	9700				
163 Hing	Capital	2000				
164 Calahan	Anderson	1000				
165 Crocker	Luminaid	5000				
166 Home Bldg.	Owner	10000				
167 Leiduano	Barber	3500				
168 Leiduano	Barber	4000				
169 Feary	Owner	1500				
170 Printers	Gulste	3400				
171 Simmons	Landy	6000				
172 Bank America	Capital	4000				
173 Gaffney	Emanuel	4000				
174-81 Happy Homes	Shea	4000				
182-3 Happy Homes	Shea	4500				
184 Mohr	Owner	3000				
185 Randolph	Anderson	3760				
186 Ranschoffs	Lindgren	4000				
187 Schwartz	Schwartz	3500				
188-90 Stoneson	Owner	5000				
191 Stoneson	Owner	5500				
192 Weinberg	Owner	1000				
193 Westinghouse	Owner	1200				
194 Williams	Williams	4000				
195 Williams	Williams	4000				
196-99 A. & D.	Owner	4000				
200 Agalar	McFarland	1000				
201 Auer	Owner	4000				
202 Barbee	Owner	2500				
203 McCahe	Owner	6000				
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(147) 651 BRANNAN. Alter warehouse.			(153) NW PINE AND SANSOME. Alter office building.			
Owner—John Deere Plow Co., Prem.			Owner—Royal Insurance Co., Ltd., 201 Sansome.			
Contractor—Barrett & Hilp, 918 Harrison.			Contractor—Dinwiddie Constr. Co., Crocker Bldg.			
Engineer—C. F. Wieland, Berkeley, Calif. \$1966			Architect—Bliss & Fairweather, Balboa Bldg. \$45,000			
DWELLING			ALTERATIONS		ALTERATIONS	
(148) W. RAE AVE., 213 N FARRAGUT. One-story and basement frame dwelling.			(154) 2462 19TH AVE. Alter dwelling.			
Owner—Angelo Gazzo, c/o Contractor.			Owner—C. L. Waller, 1407 Mills Tower.			
Contractor—G. Carraro & Sons, 750 Felton St.			Contractor—Miller & McGillis, 4444 Geary Blvd.			
Architect—Not Given. \$3750			Architect—Not Given. \$1000			
DWELLING			ALTERATIONS		ALTERATIONS	
(149) W. 43RD AVE., 270 S BALBOA. One-story and basement frame dwelling.			(155) 64 PINE ST. Alter office.			
Owner—Byrd C. Lindsay, 183 Oxford.			Owner—K. K. Wheeler, et al, c/o Fred Johnson, Russ Bldg.			
Architect—Not Given. \$4000			Contractor—Alfred P. Fisher, 111 Sutter.			
DWELLING			ALTERATIONS		ALTERATIONS	
(150) W. 43RD AVE., 295 S BALBOA. One-story and basement frame dwelling.			Engineer—Alfred P. Fisher, 111 Sutter St. \$6500			
Owner—Boyd C. Lindsay, 183 Oxford.			ALTERATIONS		ALTERATIONS	
Contractor—Boyd C. Lindsay, 183 Oxford.			(156) FLATS			
Architect—Not Given. \$4000			(157) S CERVANTES 165 E Beach. Two-story frame flats.			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(151) 1315 DOLORES. Alter apartments.			(158) W THIRD ST. 100 N 18th St. One-story frame sales bldg.			
Owner—Jos. Pellisero, 1340 Dolores St.			Owner and Builder—J. C. Coughlin, 625 Brannan St.			
Contractor—Joseph E. Grant, 658 3d Ave.			Architect—Not Given. \$15,000			
Architect—Not Given. \$1230			ALTERATIONS		ALTERATIONS	
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(152) 2511-2513 PIERCE ST. Alter dwelling.			(159) NW JERROLD 350 NE Coleman. One-story and basement frame dwelling.			
Owner—Geo. R. Goodday, 2701 Van Ness Avenue.			Owner and Builder—J. Kravchenko, 3284 Harrison St.			
Contractor—Stuart Foster, 28 Harry.			Architect—Not Given. \$1,000			
Architect—Hortzka & Knowles, 369 Pine Street. \$3,000			ALTERATIONS		ALTERATIONS	
DWELLING			ALTERATIONS		ALTERATIONS	
(160) 3895 CLAY ST. Alter dwelling.			(161) 2439 4th AVE. Alter dwelling.			
Owner—Jas. L. McDermott, premises.			Owner and Contractor—Bari Walker, 2439 4th Avenue.			
Contractor—National Roofing & Siding Co., 217 Market St.			Architect—Not Given. \$1,000			
Architect—Not Given. \$1,200			ALTERATIONS		ALTERATIONS	
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(161) 354 POST ST. Alter store.			(162) SW FOURTH and Market Sts. Alter offices.			
Owner—Nelly Gaffney, Inc., premises.			Owner—Home Owners' Loan Corp., Pacific Building.			
Contractor—L. and E. Emanuel, Inc., 2665 Jones Street.			Contractor—P. R. Siegrist, 604 Mission Street.			
Architect—Not Given. \$4,000						
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(162) 935 GRANT AVENUE. Alter bank.			(163) 935 GRANT AVENUE. Alter bank.			
Owner—Chon Hing Co., 933 Grant.			Contractor—Capital Co., 625 Market.			
Contractor—Capital Co., 625 Market.			Architect—Not Given. \$2,000			
Architect—Not Given. \$2,000			ALTERATIONS		ALTERATIONS	
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(164) 1448 PORTOLA DR. Alter dwelling.			(164) 1448 PORTOLA DR. Alter dwelling.			
Owner—Ruth Calahan, Prem.			Owner—Ruth Calahan, Prem.			
Contractor—Charles Anderson, 150 Granville Way.			Contractor—Charles Anderson, 150 Granville Way.			
Architect—Not Given. \$1000			Architect—Not Given. \$1000			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(165) 741 HARRISON. Alter offices.			(165) 741 HARRISON. Alter offices.			
Owner—Crocker Union Lith. Co., Prem.			Owner—Crocker Union Lith. Co., Prem.			
Contractor—Luminaid Corp., 5835 3rd St.			Contractor—Luminaid Corp., 5835 3rd St.			
Architect—Not Given. \$5000			Architect—Not Given. \$5000			
DWELLING			DWELLING		DWELLING	
(166) W. EL VARANO WAY, 22 S MAYWOOD. Two-story and basement frame dwelling.			(166) W. EL VARANO WAY, 22 S MAYWOOD. Two-story and basement frame dwelling.			
Owner—Home Bldg. Service Co., 101 Post St.			Owner—Home Bldg. Service Co., 101 Post St.			
Architect—Mark Daniels, 101 Post St. \$10,000			Architect—Mark Daniels, 101 Post St. \$10,000			
DWELLING			DWELLING		DWELLING	
(167) W. SAN BRUNO, 100 NORTH OF HALE. One-story and basement frame dwelling.			(167) W. SAN BRUNO, 100 NORTH OF HALE. One-story and basement frame dwelling.			
Owner—C. Leiduano, 2 Hale St.			Owner—C. Leiduano, 2 Hale St.			
Contractor—H. Barber, 225 College Ave.			Contractor—H. Barber, 225 College Ave.			
Architect—Not Given. \$3500			Architect—Not Given. \$3500			
DWELLING			DWELLING		DWELLING	
(168) NW. SWEENEY AND SAN BRUNO. One-story and basement frame dwelling.			(168) NW. SWEENEY AND SAN BRUNO. One-story and basement frame dwelling.			
Owner—C. Leiduano, 2 Hale St.			Owner—C. Leiduano, 2 Hale St.			
Contractor—H. Barber, 225 College Ave.			Contractor—H. Barber, 225 College Ave.			
Architect—Not Given. \$4000			Architect—Not Given. \$4000			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(169) 158 FARRALON. Alter dwelling.			(169) 158 FARRALON. Alter dwelling.			
Owner—Arthur Feary, Prem.			Owner—Arthur Feary, Prem.			
Architect—Not Given. \$1500			Architect—Not Given. \$1500			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(170) 300 BROADWAY. Alter offices.			(170) 300 BROADWAY. Alter offices.			
Owner—Printers' Building, Inc., 300 Green.			Owner—Printers' Building, Inc., 300 Green.			
Contractor—S. A. Gulste, 200 Green.			Contractor—S. A. Gulste, 200 Green.			
Architect—Not Given. \$3400			Architect—Not Given. \$3400			
DWELLING			DWELLING		DWELLING	
(171) E. REED, 77 S. WASHINGTON. Two-story and basement frame dwelling.			(171) E. REED, 77 S. WASHINGTON. Two-story and basement frame dwelling.			
Owner—Bradford Simmons, 17 Reed St.			Owner—Bradford Simmons, 17 Reed St.			
Contractor—Leo J. Landy, 467 Laidley.			Contractor—Leo J. Landy, 467 Laidley.			
Architect—Roy Chamberlain, 580 Market St. \$6000			Architect—Roy Chamberlain, 580 Market St. \$6000			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(172) 46-52 CALIFORNIA St. Alter office.			(172) 46-52 CALIFORNIA St. Alter office.			
Owner—Bank of America, 1 Powell.			Owner—Bank of America, 1 Powell.			
Contractor—Capital Co., 625 Market.			Contractor—Capital Co., 625 Market.			
Architect—Not Given. \$4,000			Architect—Not Given. \$4,000			
ALTERATIONS			ALTERATIONS		ALTERATIONS	
(173) 354 POST ST. Alter store.			(173) 354 POST ST. Alter store.			
Owner—Nelly Gaffney, Inc., premises.			Owner—Nelly Gaffney, Inc., premises.			
Contractor—L. and E. Emanuel, Inc., 2665 Jones Street.			Contractor—L. and E. Emanuel, Inc., 2665 Jones Street.			
Architect—Not Given. \$4,000			Architect—Not Given. \$4,000			

**DWELLING**  
(174) N JUDAH 132 W 34th Ave.  
One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.

Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(175) N JUDAH 57 W 34th Ave.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(176) N JUDAH 107 W 34th Ave.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(177) N JUDAH 32 W 34th Ave.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(178) N JUDAH 183 W 34th Ave.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(179) N JUDAH 157 W 34th Ave.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(180) N JUDAH 82 W 34th Avenue.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(181) S IRVING 58 E 31st Avenue.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(182) NW JUDAH and 34th Avenue.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,500

(183) NE JUDAH and 35th Avenue.

One - story and basement frame  
dwelling.

Owner—Happy Homes Bldg. Co., 2194  
30th Avenue.  
Contractor — Shea Const. Co., 105  
Montgomery Street.  
Architect—Not Given. \$4,500

**DWELLING**  
(184) E BRIGHT 225 S Sargent'

One - story and basement frame

dwelling.  
Owner and Builder—Rudolph Mohr &  
Sons, 4482 Mission Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(185) 1791 HAIGHT ST. One-story

and basement frame dwelling.  
Owner—J. W. Randolph, 1237 Chest-  
nut Street.  
Contractor—P. Anderson, 4082 Army.  
Architect—Not Given. \$3,750

**ALTERATIONS**  
(186) 259 POST ST. Alter store.

Owner—Ranschoffs, 259 Post Street.  
Contractor—Lindgren and Swinerton,  
Inc., 225 Bush Street.  
Architect—G. A. Dailey, 210 Post St.  
\$4,000

**DWELLING**  
(187) E 47th AVE. 200 N Rivera.

One - story and basement frame  
dwelling.  
Owner and Builder—S. A. Schwartz,  
305 Grant Avenue.  
Architect—Not Given. \$3,500

**DWELLING**  
(188) W WOODACRE DR. 267 N

Ocean Ave. Two-story and base-  
ment frame dwelling.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Boulevard.  
Architect—Harold Stoner, 35 Vicente  
Street. \$5,000

**DWELLING**  
(189) W WOODACRE Drive 195 N

Ocean Ave. Two-story and base-  
ment frame dwelling.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Boulevard.  
Architect—Harold Stoner, 35 Vicente  
Street. \$5,000

**DWELLING**  
(190) W WOODACRE Drive 132 N

Ocean Ave. Two-story and base-  
ment frame dwelling.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Boulevard.  
Architect—Harold Stoner, 35 Vicente  
Street. \$5,000

**DWELLING**  
(191) W BEACHMONT DR. 596 S

Sloat Blvd. Twn-story and base-  
ment frame dwelling.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Boulevard.  
Architect—Harold Stoner, 35 Vicente  
Street. \$5,500

**ALTERATIONS**  
(192) 310 SANTA ANNA. Alter

dwelling.  
Owner—Mildred Weinberg, 1253 Wal-  
ter Street.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(193) SE COR TENTH and Market.

Alter office bldg.  
Owner and Builder—Westinghouse  
Electric Co., 1 Montgomery St.  
Architect—Not Given. \$1,200

**DWELLING**  
(194) S ARBOR 198 W CONRAD.

One - story and basement frame  
dwelling.  
Owner—J. B. Williams, 3366 22nd St.  
Contractor—Williams Const. Co., 3366  
22nd Avenue.  
Architect—Not Given. \$4,000

**DWELLING**  
(195) S ARBOR 173 West Conrad.

One - story and basement frame  
dwelling.  
Owner—J. B. Williams, 3366 22nd St.  
Contractor—Williams Const. Co., 3366  
22nd Avenue.  
Architect—Not Given. \$4,000

**DWELLING**  
(196) N. WAWONA. 312 W 30TH

AVE One-story and basement  
frame dwelling.

Owner—A & D. Realty Co., 954 Ir-  
ving St.  
Architect—Not Given. \$4000

**DWELLING**  
(197) N. WAWONA, 380 W 30TH

AVE. One-story and basement  
frame dwelling.  
Owner—A & D. Realty Co., 954 Ir-  
ving St.  
Architect—Not Given. \$4000

**DWELLING**  
(198) N. WAWONA, 278 W 30TH

AVE. One-story and basement  
frame dwelling.  
Owner—A & D. Realty Co., 954 Ir-  
ving St.  
Architect—Not Given. \$4000

**DWELLING**  
(199) N. WAWONA, 346 W 30TH

AVE. One-story and basement  
frame dwelling.  
Owner—A & D. Realty Co., 954 Ir-  
ving St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(200) 1132 UNION ST. Alter dwell-

ing.  
Owner—M. C. Agalar, 1132 Union St.  
Contractor—James H. McFarland, 710  
47th Ave.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(201) W. SCOTT, 75 N CLAY. Al-

ter flat.  
Owner—A. Auer, 3014 Clay St.  
Architect—Not Given. \$4000

**DWELLING**  
(202) W. CONRAD, 32 N ARBOR.

One-story and basement frame  
dwelling.  
Owner—E. W. Barbee, 117 Conrad.  
Architect—Not Given. \$2500

**DWELLING**  
(203) W. 26TH AVE., 205 S OCEAN.

One-story and basement frame  
dwelling.  
Owner—Jas. W. McCabe, 716 Ulloa  
St.  
Architect—Not Given. \$6000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
127	Magnes	Ungaretti	6000
124	Baker	McClure	1800
129	City Oak.	Owner	10350
130	Crane	Swanstrun	1490
131	Le Mone	Allen	8500
132	Magruder	Hamblin	3500
133	McHale	Peshel	6000
134	Morrow	Owner	1200
135	Tidewater	Stolte	9000
136	Women's Ath.	Atkinson	1000
137	Brennan	Owner	6000
138	Eckley	Owner	5700
139	Gerend	Segg&e	9937
140	Glorzettl	Church	2500
141	Marlino	Gaubert	9800
142	Southern Pac	Owner	2000
143	Southern Pac	Owner	1600
144	U of C	Elliott	1247
145	Whallin	Whallin	3500
146	Wurs	Davis	4000
147	Booth	Booth	2000
148	Anderson	Anderson	5100
149	Daccho	Dahlerl	2000
150	McGreete	Taten	1450
151	Thomas	Fox	3900
152	Depke	Whallin	4500
153	Dooley	Owner	4000
154	Fox	Vallero	7500
155	Hendrickson	Owner	5200
156	Kirk	Nichelson	12000
157	Pressler	Owner	5000
158	Wallin	Owner	4800
159	Woolworth	Owner	50000
160	Rallachey	Bay City	1000
161	Bennett	Griffith	7000
162	Bibbal	Johnson	3000
163	Hayward	Owner	3100
164	Le Mon	Johnston	9000
165	Oakland	Fullock	18000
166	Quintanal	Prunetti	3200

**DWELLING**  
(127) 1429 ADA, BERKELEY. One-story 6-room frame dwelling and garage.

Owner—Geo. R. Magnes, 1429 Ada.  
Contractor—Chas. Ungaretti & Son, 177 Foothill Oakland.  
Architect—Ray F. Keffer, 555 Mandana Blvd., Oakland. \$6000

**ALTERATIONS**  
(128) 333 34TH ST., OAKLAND. Alterations to apartments.  
Owner—E. Carlton Baker, Alameda.  
Contractor—S. & J. S. McClure Co., 506 Ramona Ave., Albany.  
Architect—Not Given. \$1800

**ADDITION**  
(129) OAKLAND AIRPORT. Frame addition.  
Owner & Builder—City of Oakland, Grove St. Pier.  
Architect—Not Given. \$10,350

**CURB SETBACK**  
(130) 346 NINTH ST., OAKLAND. Curb setback.  
Owner—Crane Co., 346 9th St.  
Contractor—Geo. Swanstrom, 1615 78th Ave.  
Architect—W. G. Corlett, Bank of America Bldg. \$1490

**DWELLING**  
(131) E. CORNWALL CRT., LOT NO. 13, PIEDMONT PINES. 2-story 8-room dwelling.  
Owner—R. F. D. Le Mon, 26 Ascot Drive.  
Contractor—Allen & Allen, 3471 Laurel Ave.  
Architect—F. Harvey Slocombe, Piedmont Ave. \$5500

**DWELLING**  
(132) 8227 GOLF LINKS RD., OAKLAND. One-story 5-room dwelling.  
Owner—Cora C. Magruder, 77 Linda Avenue.  
Contractor—U. F. Mamblyn, 77 Linda Ave.  
Architect—P. Anderson, 2130 12th Ave. \$3500

**DWELLING**  
(133) 6032 ACACIA AVE., OAKLAND. Two-story 6-room dwelling.  
Owner—R. J. McHale, Prem.  
Contractor—C. O. Peshel, 4276 Fruitvale Ave.  
Architect—C. W. Mayhew, 6026 Acacia Ave. \$6000

**REPAIRS**  
(134) 732 E. 20TH ST., OAKLAND. Fire repairs and alterations.  
Owner & Builder—W. M. Morrow, 1937 8th Ave.  
Architect—Not Given. \$1200

**SERVICE STATION**  
(135) 2140 CYPRESS OAKLAND. Steel service station.  
Owner—Tidewater Assoc. Oil Co., 79 New Montgomery St., San Francisco.  
Contractor—F. C. Stolte, 1405 San Antonio St., Alameda.  
Architect—Vincent G. Raney, 233 Post St., San Francisco. \$9000

**ALTERATIONS**  
(136) 525 BELLEVUE AVE., OAKLAND. Alterations.  
Owner—Women's Athletic Club, 525 Bellevue Ave.  
Contractor—C. E. Atkinson, 6363 Redwood Road.  
Architect—Not Given. \$1000

**DWELLING**  
(137) 3401 PROCTOR AVE., OAKLAND. Two-story 6-room dwelling.  
Owner and Builder—J. P. Brennan, 370 17th St., Oakland. \$5,000  
Architect—Not Given.

**DWELLING**  
(138) 617 ALVARADO RD., OAKLAND. Two-story 5-room dwelling.  
Owner and Builder—W. W. Eckley, 2114 Eton St., Berkeley.  
Architect—Not Given. \$5700

**DWELLING**  
(139) 4725 SEQUOYAH RD., OAKLAND. Two-story 6-room dwelling.  
Owner—W. J. Gerend, 5274 Belvedere Oakland.  
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland.  
Architect—F. H. Reimers, 233 Post St., San Francisco. \$937

**ADDITION**  
(140) 9507 JONES AVE., OAKLAND. Addition to factory.  
Owner—Giorgetti Raviola Factory, 3542 E 14th St., Oakland.  
Contractor—A. A. Church, 3536 Alameda Ave., Oakland.  
Architect—Not Given. \$2,500

**DWELLING**  
(141) 4001 OAK KNOLL BLVD., OAKLAND. One-story 9-room dwelling.  
Owner—D. Marllino, 73rd Ave., Oakland.  
Contractor—Gaubert Brothers, 4735 Brookdale Ave., Oakland.  
Architect—J. B. Anthony, 2014 Shattuck Ave., Berkeley. \$9800

**OFFICE**  
(142) FOOT OF EIGHTH AVENUE, OAKLAND. One-story office.  
Owner & Contractor—Southern Pacific Co., Oakland Pier. \$2,000  
Also 1-story locker bldg. \$2,000

**INCINERATOR**  
(143) FIFTH AVE. and S. P. R. R. tracks, OAKLAND. Steel and brick incinerator.  
Owner & Contractor—Southern Pacific Co., Oakland Pier.  
Architect—Not Given. \$1,000

**REPAIRS**  
(144) 1519-33 SAN PABLO AVENUE OAKLAND. Roof repairs.  
Owner—University of Calif., Berkeley.  
Contractor—Elliott and Elliott, 770 22nd St., Oakland.  
Architect—Not Given. \$1,247

**DWELLING**  
(145) 461 FLORENCE, OAKLAND. One-story 5-room dwelling.  
Owner and Builder—J. F. Whalin, 461 Lee St., Oakland.  
Architect—Not Given. \$3500

**DWELLING**  
(146) 2029 DURANT AVE., OAKLAND. One-story 5-room dwelling.  
Owner—L. Wnrs.  
Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.  
Architect—Geo. L. O'Brien, 640 Bancroft Ave., San Leandro. \$4,000

**ALTERATIONS**  
(147) 3600 TELEGRAPH AVENUE, OAKLAND. Alterations.  
Owner—Carrie R. Booth, 375 Euclid Ave., Oakland.  
Contractor—B. S. Booth, 375 Euclid Ave., Oakland.  
Architect—Not Given. \$2,000

**DWELLING**  
(148) 4647 HARBOR DR., OAKLAND. Two-story 6-room dwelling.  
Owner—E. F. Anderson, Prem.  
Contractor—F. W. Anderson, 2111 Ashby Ave., Berkeley.  
Architect—Not Given. \$5100

**ADDITION**  
(149) 1500-02-10 CYPRESS STREET, OAKLAND. Addition to frame.  
Owner—Guissepe Daccka, 1392 15th St.  
Contractor—Danieri & Swafford, 6515 Raymond St.  
Architect—Paul A. Safford, 6515 Raymond St. \$2000

**ALTERATIONS**  
(150) 598 24TH ST., OAKLAND. Alterations.  
Owner—A. T. McGrete, Prem.  
Contractor—F. G. Taten, 5237 Miles Ave.  
Architect—Not Given. \$1450

**ALTERATIONS**  
(151) 348 HALCYON CT., BERKELEY. Alterations.  
Owner—Mary A. and Cora E. Thomas, Prem.  
Contractor—Fox Bros., 1475 University.  
Architect—Not Given. \$3900

**DWELLING**  
(152) 21 CABILLO PLACE, OAKLAND. One-story 5-room dwelling.  
Owner—Jos. A. Depke, 2942 23rd Ave.  
Contractor—Whalin Bros., 2942 23rd Ave.  
Architect—Not Given. \$4500

**DWELLING**  
(153) 3624 VICTOR AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Fred T. Dooley, 4100 35th Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(154) 1837 MELVIN RD., OAKLAND. Owner—Nat. M. Fox, 3750 14th Ave.  
Contractor—H. L. Valleroy, 3650 Maple Ave.  
Architect—J. B. Hatch. \$7500

**DWELLING**  
(155) 2920 23RD AVE., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—E. J. Hendrickson, 2036 7th Ave.  
Architect—Not Given. \$5200

**DWELLING**  
(156) 609 CARLSTON AVE., OAKLAND. Two-story 9-room dwelling.  
Owner—Dr. M. E. Kirk, Prem.  
Contractor—D. W. Nicholson, 357 12th St.  
Architect—W. E. Schirmer, 13th St. \$12,000

**DWELLING**  
(157) 3032 HYDE ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder & Architect—Walter Pressler, 1419 Excelsior Ave. \$5000

**DWELLING**  
(158) W HARBOR DR., LOT 9, TRACT 506, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Polke Wallin, 7529 Outlook Ave.  
Architect—Not Given. \$4800

**ALTERATIONS**  
(159) 1115 WASHINGTON STREET, OAKLAND. Alterations.  
Owner & Builder—F. W. Woolworth Co., 1115 Washington St.  
Architect—Not Given. \$50,000

**ALTERATIONS**  
(160) 3411 LAKESHORE AVENUE, OAKLAND. Store front alteration.  
Owner—G. P. Ballachev, 4632 Telegraph Ave., Oakland.  
Contractor—Bay City Cabinet Co., 1076 5th St.  
Architect—The Contractor. \$1000

**DWELLINGS (2)**  
 (161) 1424-1430 85TH AVE., OAKLAND. One-story 5-room dwellings (2).  
 Owner—Geo. Benett, Prem.  
 Contractor—C. W. Griffith, 1537 7th Ave.  
 Architect—Not Given. \$3500 ea.

**DWELLING**  
 (162) 2200 88TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—B. A. Bibbal, Prem.  
 Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
 Architect—Not Given. \$3000

**DWELLING**  
 (163) 1833 103RD AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Architect—Chas. D. Hayward, 223 Frisbie St.  
 Architect—Not Given. \$3100

**DWELLING**  
 (164) W. CASTLE DR., LOT 12, PIEDMONT PINES. Two-story 8-room dwelling.  
 Owner—R. F. D. Le Mon, 26 Ascot Court.  
 Contractor—W. P. Johnston, 2639 Dana St., Berkeley.  
 Architect—F. H. Slocombe, 4127 Piedmont Ave. \$9000

**SHED**  
 (165) 501 5TH AVE., OAKLAND. One-story 4-room concrete and brick shed.  
 Owner—City of Oakland, City Hall.  
 Contractor—John F. Tulloch, 335 8th St.  
 Architect—City Engineer. \$18,000

**DWELLING**  
 (166) 1980 87TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—Mr. and Mrs. Quintana, 2275 86th Ave.  
 Contractor—S. J. Prunetti, 9239 Walnut St.  
 Also 1-story frame garage, \$185.  
 Architect—Not Given. \$3200

**BUILDING CONTRACTS**

**SAN FRANCISCO COUNTY**  
 No. Owner Contractor Amt.  
 122 Home Owners Siegrist 10577  
 122 Williams Williams 9000

**ALTERATIONS**  
 (122) 821 MARKET ST. Alterations and additions to Pacific Bldg.  
 Owner—Home Owners Loan Corp., 821 Market Street.  
 Architect—Not Given.  
 Contractor—F. R. Siegrist, 604 Mission Street.  
 Filed June 25, '37. Dated, June 23, '37  
 Weekly payments of.....80%  
 Usual 35 days.....20%  
 TOTAL COST, \$10,577  
 Bond, \$5288.50. Sureties, U. S. Fidelity & Guaranty Co. Limit thirty days. Plans and spec. filed.

**BUNGALOWS (2)**  
 (122) LOTS 23 & 24, BLOCK "C" IN MAP.—Map of addition to Castro St. addition and Glen Park Terrace.—Two 1-story frame bungalows.  
 Owner—J. B. and Blanche Williams.  
 Contractor—Williams Constr. Co.  
 Filed June 28, '37. Dated June 21, '37.  
 TOTAL COST, \$9,000

**BUILDING CONTRACTS ALAMEDA COUNTY**

No. Owner Contractor Amt.  
 72 Crane Swainstrom 1490  
 73 Monell Johnson 7400  
 74 Coate Peterson 16265  
 75 S P Co Catucci 2520  
 76 Catucci Christensen 7974

**ALTERATIONS**  
 (72) NINTH and Webster Streets, Oakland. Revisions to warehouse  
 Owner—Crane Company.  
 Architect—Will G. Corlett, Oakland.  
 Contractor—George Swainstrom.  
 Filed and Dated, June 24, 1937.  
 20th of each month.....85%  
 Usual 35 days.....15%  
 TOTAL COST, \$1490  
 Limit, 60 days. Plans and specifications filed.

**ALTERATIONS**  
 (73) 368 SECOND ST., Oakland. Alterations to plant.  
 Owner—John Morrell & Co., 368 2nd St., Oakland.  
 Architect—Will G. Corlett, Oakland.  
 Contractor—S. G. Johnson.  
 Filed, June 24, '37. Dated, June 23, '37  
 10th of each month.....75%  
 Usual 35 days.....25%  
 TOTAL COST, \$7,400.00  
 Limit, 120 days. Plans and specifications filed.

**DWELLING**  
 (74) LOT 140, Upper Piedmont Estates. Two-story frame dwelling and garage.  
 Owner—J. D. Coate.  
 Architect—Miller & Warnecke, Oakland.  
 Contractor—Olaf Peterson.  
 Filed, July 29, '37. Dated, June 26, '37.  
 Frame up ..... \$4066.25  
 Brown coated ..... 4066.25  
 Contorted ..... 4066.25  
 Usual 35 days..... 3903.00  
 1 year after completion ..... 162.00  
 TOTAL COST, \$16,265  
 Bond, \$16,265. Sureties, Glens Falls Indemnity Co. Limit, 120 days. Plans and specifications filed.

**ROADWAYS**  
 (75) VICINITY FIFTH AVE. and E Seventh St., Oakland. Concrete macadam roadways.  
 Owner—Southern Pacific Company.  
 Architect—Not Given.  
 Contractor—J. Catucci.  
 Filed, June 29, '37. Dated, June 18, '37  
 During month .....75%  
 Following month .....25%  
 TOTAL COST, \$2,520.00  
 Bond, \$2520. Sureties, Globe Indemnity. Limit, 30 days. Plans and specifications filed.

**ALTERATIONS**  
 (76) 18TH AVE. AND E. 14TH ST., OAKLAND. Alterations and additions.  
 Owner—J. Catucci.  
 Architect—Will G. Corlett.  
 Contractor—H. J. Christensen & Co. W. E. Lyons Const. Co.  
 Filed June 30, '37. Dated June 28, '37  
 75% labor and material, 10th day of each month.....  
 25%—usual 35 days.  
 TOTAL COST, \$7,974.00  
 Limit, 120 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

SIGN, electric, \$90; NE Cor. Portola Drive and Woodside; owner. Standard Oil Sta., premises; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER dwelling, \$400; 1539 Powell St.; owner, A. C. Fignoli, premises; contractor, N. H. Pearson, 391 Polph St.  
 SIGN, electric, \$350; 2535 Mission St.; owner, Dr. J. C. Campbell, 2535 Mission St.; contractor, Electric Prod. Corp., 910 Harrison.  
 ALTER garage, \$315; SW Van Ness and Bush St.; owner, James F. Waters, SW Van Ness and Bush; contractor, Michel & Pfeffer Iron Works, Inc., 1415 Harrison St.  
 ALTER dwelling, \$200; 563 Belvedere St.; owner, A. Viraglio, premises; contractor, V. Masarie, 2550 19th.

SIGN, electric, \$200; 4601 Mission; owner, Jos. Palace, Jr., premises; contractor, Electrical Prod. Corp., 910 Harrison St.  
 ALTER dwelling, \$100; 420 Brazil; owner, T. R. Rowland, 401 Madrid.  
 SIGN, electric, \$150; 797 Market St.; owner, The Diamond Palace, 797 Market St.; contractor, Electric Prod. Corp., 910 Harrison.  
 SIGN, electric, \$250; 3055 16th St.; owner, L. R. Estavan, premises; contractor, Wonderlite Neon Products Co., 170 Otis St.  
 ALTER garage, \$150; 1056 14th St.; owner, A. U. Hartford, 714 Broderick St.  
 ALTER flats, \$800; 1040-66 Washington St.; owner, Washington Mason Co., premises; contractor, C. J. Fung Co., 719 1/2 Sacramento.  
 SIGN, electric, \$75; 1247 Stockton; owner, A. Jordan, premises; contractor, A. J. Raymond, Inc., 712 Sansome St.  
 SIGN, electric, \$450; 797 Market St.; owner, The Diamond Palace, 797 Market St.; contractor, Electrical Prod. Corp., 910 Harrison St.  
 ALTER flats, \$300; 2974 Harrison; owner, Maria Gugliehue, 3621 Army Street.  
 POLE, barbed, \$20; 314 Clay Street; owner, M. Genaro, premises.  
 ALTER flats, \$600; 441 Broderick; owner, Mrs. Hickie, premises; contractor, Lincoln U. Grant, 658 3rd Ave.  
 ALTER dwelling, \$600; 737 Bay St.; owner, J. M. Hamill, premises; contractor, Geo. P. W. Jensen, 320 Market St.  
 SIGN, electric, \$125; 951 Clement St.; owner, J. Ritchey, Prem.; contractor, Standard Neon Mfg. Co., 118 Turk St.  
 ALTER store, \$890; NE Cor. 24th St. and Van Ness Ave. So.; owner, F. Nordholz, 3194 24th St.; contractor, Army St. Carpenter & Cabinet Shop, 3155 Army St.  
 FLUE, \$16; 215 Maple St.; owner, Greta Holliger, Prem.  
 SIGN, electric, \$150; 298 Valencia; owner, Golden Aol, Prem.; contractor, Apex Elec. Co., 263 Fell St.  
 ALTER dwelling, \$100; 169 De Soto; owner, M. Vowles, Prem.; contractor, F. M. Sauer, 2222 2nd Ave.  
 ALTER dwelling, \$50; 544 Mississippi; owner, P. Urali, Prem.; contractor, Bay Shore Concrete Co., 395 Vermont St.  
 ALTER dwelling, \$485; 118 7th Ave.; owner, R. P. Frenzel, Prem.; contractor, L. C. Richardson, 2149 15th St.  
 FLUE, \$125; SE Cor. Burnside and Paris; owner, L. Ghio, 231 Delano; contractor, Jno. A. Marshall, 4447 Mission St.  
 ALTER store, \$150; 2199 Mission St.; owner, Norma Pfeffer, Prem.; contractor, A. G. Isaacs, 1106 Buchanan.  
 SIGN, electric, \$125; 100 7th Street; owner, J. Salks, Prem.; contractor, Standard Neon Mfg. Co., 1189 Turk St.  
 ALTER dwelling, \$50; 2935 Washington St.; owner, Ralph Cole, Prem.  
 ALTER dwelling, \$700; 2633 Steiner St.; owner, S. Bereson, c/o Contractor; contractor, Jacks & Irvine, 620 Market St.  
 SIGN, electric, \$450; 1226 Fillmore; owner, American Theatre, Prem.; contractor, Wonderlite Neon Products Corp., 170 Otis St.  
 FLUES, \$100; S Blauken, 56 E Nueva; owner, Wm. Grahn, 2965 Mission St.; contractor, W. Burbank, 2555 San Bruno.  
 SIGN, electric, \$400; SE Cor. 5th and Howard; owner, Pacific Gillespie Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	Offices
2.—Roads	11.—Ice and Cold Storage Plants
3.—Churches	12.—Power Plants
4.—Factories and Warehouses	13.—Public Buildings
5.—Fuels	14.—Schools
6.—Barges and Sea-ways	15.—Fire Houses and Jails
7.—Federal Buildings	16.—Banks, Stores and
8.—Club Buildings	17.—Theatres
9.—Hotels	18.—Warehouses & Docks
	19.—Misc. Const.
	20.—Misc. Supplies &
	10.—Hotels

### 1— APARTMENTS

**Contract Awarded**  
**APTS. ADDITION** Cost, \$25,044  
 SAN MATEO. NW. Cor. El Camino Real and 25th Ave.  
 Two-story and garage frame and stucco addition to existing store building.  
 Owner—Reinhold Frommer, 730 3rd Ave., San Francisco.  
 Architect—E. A. Newmarkel, 2688 Greenwich St., San Francisco.  
 Contractor—Hammer & Tosch Co., 1090 Burlingame Square, Burlingame.

**Contemplated**  
**APT. HOTEL** Cost, \$.....  
 SACRAMENTO. 1217-19 K St.  
 New apartment hotel building.  
 Owner—Charles Evans, Hotel Land, Sacramento.

Mr. and Mrs. Evans purchased the property this week, announcing they were considering construction of a large apartment hotel building. No definite action has been taken, they said, toward construction at the present time.

**Owner Will Take Sub-Bids**  
**APARTMENTS** Cost, \$70,000  
 SAN FRANCISCO. SE 30th Avenue and Anza Street.

Three-story and basement frame and stucco apt. bldg. (15 2-3- and 4-rm. apts.) hardwood floors, tile baths, etc.

Owner—Frank McHugh, 474 17th Avenue.  
 Architect—H. C. Baumann, 251 Kearny Street.

**Owner Will Take Sub-Bids**  
**APARTMENTS** Cost, \$50,000  
 SAN FRANCISCO. NW Scott and Greenwich Streets.

Three-story and basement frame and stucco apartment building (15 2-3- and 4-room apts.) wood sash, hardwood floors, tile baths, composition roof, etc.

Owner—Michael Desiano, 3117 Fillmore Street.  
 Architect—H. C. Baumann, 251 Kearny Street.

**Plans Being Revised**  
**APARTMENTS** Cost, \$15,080  
 FRESNO, CALIF.

Two-story frame and stucco apartment building (4 apartments), a roof, gas heating system, electric water heaters and refrigerators, tile wainscot, linoleum floor baths.

Owner—Mr. Furlong, Fresno.  
 Architect—H. Rafael Lake, Mattel Bldg., Fresno.

Bids will be asked within a few days.

### 3— CHURCHES

#### PLANS BEING FIGURED

LA CANADA. Los Angeles Co., Cal.—Until July 6. Architects Marston & Maybury, 25 S. Encined Ave., Pasadena, are taking bids for construction of a one-story and basement church building on Foothill Blvd., La Canada, for First Church of Christ Scientist of La Canada.

### 4— FACTORIES & WAREHOUSES

#### Contract Awarded

**PACKING PLANT** Cont. Pr., \$6,380  
 SAN JOSE. Santa Clara Co., Calif. Sixth and Keyes Sts.  
 One-story packing plant (51 x 120 ft.), cement floors, corrugated iron exterior, wood sash, etc.  
 Owner—Pacific Coast Nat. House, 3rd and Keyes Sts., San Jose.  
 Architect—Chas. McKenzie, Twoby Bldg., San Jose.  
 Contractor—E. A. Hathaway, 1102 S. Sixth St., San Jose.

#### FIRE LOSS

FALLON, Nevada.—Fire recently destroyed the Dodge Construction, Inc., building, machine shops, offices, etc., at Fallon, with damages to buildings and supplies estimated at \$50,000.  
 Rebuilding plans are under way.

#### Bids Opened

HANGARS  
 SACRAMENTO, Sacramento Co., Cal. Municipal Airport.

Two corrugated iron hangars buildings (each 150 x 32 feet, with space for 4 planes and 6 garages), metal roof, concrete floors, steel trusses, windows and doors; corrugated iron exterior.

Owner—Widows & Orphans Aid Association of Sacramento Police Department.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Bids were received under the following propositions:

Alt. (1) Add if the entire exterior corrugated galvanized iron side walls are first washed with diluted vinegar and given one coat of W. P. Fuller's galvanized iron primer and two coats of Fuller's Fulmina.

Alt. (2) Deduct if three garages are omitted from the end of one of the hangars and the end of the hangar where the garages are left off be covered with corrugated galvanized iron.

Alt. (3) Deduct if the six garages are omitted from the ends of the two hangars and these ends where the garages are left off be covered with corrugated galvanized iron.

Low Bidder—Azevedo Construction Co., 920 O St., Sacramento—\$14,970.

Complete bids follow:  
 Azevedo Construction Co., Sacramento—\$14,970, (1) \$416, (2) \$309, (3) \$609.

L. L. Watson, Sacramento—\$15,409, (1) \$390, (2) \$350, (3) \$700.

M. R. Peterson, Sacramento—\$15,528, (1) \$425, (2) \$370, (3) \$740.

W. C. Keating, Sacramento—\$15,550, (1) \$425, (2) \$400, (3) \$500.

Chas. F. Unger, Sacramento—\$15,763, (1) \$350, (2) \$440, (3) \$880.

F. J. O'Connell, Sacramento—\$15,774, (1) \$470, (2) \$460, (3) \$800.

Otto Steinbrenner—\$15,813, (1) \$361,

(2) \$705, (3) \$1,413.  
 J. W. Johnson—\$15,995, (1) \$330, (2) \$452, (3) \$904.

Lawrence Constr. Co.—\$16,156, (1) \$420, (2) \$390, (3) \$800.

All of Sacramento.  
 Correction in Closing Date  
**WAREHOUSE & DRUM BLDG.**  
 MARTINEZ, Contra Costa Co., Calif.  
 Warehouse and drum building at Avon Refinery.

Owner—Associated Oil Company.  
 Plans by Engineering Department of Owner.

Bids will be opened on or about July 6.

**Sub Contracts Awarded**  
**FACTORY** Est. Cost, \$125,000  
 SAN FRANCISCO. SE Fifth and Tehama Streets.

Two-story and part mezzanine Class B factory building (80 x 275 ft.), reinforced concrete construction, composition roof, steel sash, one freight elevator.

Owner—Field Ernst Envelope Co., 45 Fremont Street.

Architect—Smyth & Michelson, 405 Montgomery Street.

Engineer—W. P. Day, 405 Montgomery Street.

Contractor—Cahill Brothers, Inc., 206 Sansome Street.

Reinf. Steel—Transtee Steel Co., 604 Mission St.

Placing of Reinf. Steel—J. Phillip Murphy, 3903 Mission St.

Concrete—Readymix Concrete Co., Ltd., Carolina and Mariposa Sts.

**Sub-Contracts Awarded**  
**ADDITION** Cost, \$16,000  
 FRESNO, Fresno Co., Cal. 920 M St.

Addition to warehouse.  
 Owner—Tay-Holbrook Co., 920 M St.

Architect—Not Given.  
 Contractor—Richmond Construction Co., 1379 Adoline St., Fresno.

Roofing—Roy O. Osborn, 602 North Barton Street.

Plumbing—Cody Bros., 704 Blackstone Street.

Sheet Metal—New England Sheet Metal Works, 400 Broadway.

Glass—Valley Glass Co., 2220 Inyo.

Brick and Stone Work—Feller and Howard, 829 Carmen Ave.

Lumber—Blackstone Lumber Co. Mill Work—Blackstone Planing Mill, 1780 McKinley Avenue.

Lathing and Plastering—W. E. Smart, 3520 Illinois Street.

Steel Rolling Doors—Healey & Popovich, 226 Cory Bldg.

All of Fresno.

### LOW BIDDER

OXNARD, Ventura Co., Calif.—W. C. Jones, 731 2nd Ave., Upland, submitted low bid to the Seaboard Lumber Assn. June 28 for the construction of a one- and part three-story packing and storage plant in Oxnard. As previously reported, E. V. Ike, 2271 Panorama Terrace, Los Angeles, has contract for furnishing and installing air conditioning. W. W. Ache, architect, 301 N. Citrus Ave., Los Angeles.

### 5— FLATS

**Contract Awarded**  
**FLATS** Cost, \$8,500  
 SAN FRANCISCO. S Cervantes 165 W. E. Beach Street.

Two-story frame and stucco flats.

Owner—D. Camp, care contractor.

Architect—Not Given.  
 Contractor—Thos. R. Sharman, 3700 Broderick Street.

**6—GARAGES & SERVICE STATIONS**

Planned June 29, 1937.  
**SERVICE STATION** Cost, \$.....  
 SAN FRANCISCO. Sixth and Folsom Sts.  
 New gasoline service station.  
 Owner—Shell Oil Co.  
 Plans by Engineering Department of Owner.

**Contract Awarded**  
**SERVICE STATION** Cost, \$10,000  
 OAKLAND, Alameda Co., Calif. 2140 Cypress Way.  
 Gasoline service station.  
 Owner—Tidewater Assoc. Oil Co., 79 New Montgomery St.  
 Architect—Vincent G. Raney, 233 Post St.  
 Contractor—F. C. Stolte, 1405 San Antonio St., Alameda.

**Contract Awarded**  
**SERVICE STATION** Cost, \$.....  
 SACRAMENTO, Cal. Tenth and I Streets.  
 Complete new super service station.  
 Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
 Plans by Engr. Dept. of Owner.  
 Contractor—W. E. Truesdale, 2116 H St., Sacramento.

**Contract Awarded**  
**AUTO SERVICE PLANT**  
 Cost, \$18,000 to \$20,000  
 SAN RAFAEL, Marin Co., Cal. SW Fourth and Shaver Streets.  
 Two-story reinforced concrete automobile sales, service and repair plant (70x125 ft.).  
 Owner—Marin Investment Co. (David Pyfe, Representative), San Rafael.  
 Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.  
 Lessee—Redwood Chevrolet Co.  
 Contractor—De Luca & Son, Inc., 1745 Filbert St., San Francisco.

**Preparing Working Drawings**  
**GARAGE** Est. Cost, \$35,000  
 OAKLAND, Alameda Co., Calif. 13th St. bet. Madison and Jackson.  
 New county garage bldg. (150x100).  
 Owner—County of Alameda.  
 Architects—Henry A. Minton, Underwood Bldg., San Francisco, and Carl Werner, 1303 Bay St., Alameda.  
 Engineer—L. H. Nishkian, 525 Market St., San Francisco.

**7—FEDERAL BUILDINGS**

**CORRECTION IN BID OPENING DATE**  
 SEATTLE, Wash.—Until July 14, 2 p.m., bids will be received by the Treasury Department at the office of the District Engineer, Wm. Arthur Newman, 222 Federal Office Bldg., San Francisco, for roof repairs, etc., at the U. S. Federal Office Bldg., Seattle, Washington, under Spec. SE-R.  
 Specifications and drawings may be obtained at the office of the District Engineer, San Francisco, where bids will be opened.

**Bids Wanted—To Close August 3, 1 P. M.**  
**POST OFFICE** Est. Cost, \$95,000  
 HIJUE, Hawaii, T. H.  
 United States Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Drawings and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit required for one set of plans.

**CONTRACT AWARDED**  
 NOME, Alaska.—MacDonald Const. Co., 3829 W. Pine Blvd., St. Louis, at \$354,897, awarded contract by the Procurement Division, Washington, D. C., for construction of the U. S. post office and court house, Nome.

**BIOS WANTED**  
 SAN PEDRO, Calif.—Until July 9, 10 a.m., bids will be received by the Procurement Division, Public Bldg. Branch, Washington, D. C., for white bronze tablet in the U. S. Post Office and Custom House at San Pedro. Plans and specifications may be obtained from the above office and from the custodian of the building.

**CONTRACT AWARDED**  
 LAURIER, Wash.—Anchor Post Fence Co. of Calif., 460 Fifth Street, San Francisco, at \$415, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for installation of wire fence, the Immigration Station at Laurier.

**CONTRACT AWARDED**  
 WHIPPLE, Ariz.—Bruner Marble & Tile Co., 1012 Architects' Bldg., Los Angeles, at \$434, awarded contract by the Veterans' Administration, Washington, D. C., for tile and marble work in Bldg. No. 14 at Veterans Administration Facility, Whipple, Ariz.  
 It was previously reported in error that bids were rejected.

**CORRECTION IN LOW BIDDER**  
 SAN FRANCISCO.—Clinton Const. Company of Calif., 923 Folsom St., at \$1,990 submitted low bid to the Procurement Division, Washington, D. C., for a drainage system, etc., for the U. S. Mint at San Francisco.  
 Complete bids follow  
 Clinton Const. Co. of California, San Francisco, \$1,950; (Alt. A) deduct \$175.  
 Martin Murphy, Berkeley, \$2,450; (Alt. A) deduct, \$50.  
 Underground Const. Co., Berkeley, \$3,115; (Alt. A) deduct \$200.  
 It was previously reported in error that Martin Murphy submitted the low bid.

**NO BIOS RECEIVED**  
 HOLLISTER, San Benito Co., Cal.—No bids were received June 25, by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Hollister.

**BIOS WANTED**  
 SAN PEDRO, Calif.—Until July 9 (postponed from June 29), bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for bronze tablets in the U. S. Post Office and Courthouse at San Pedro.

**CONTRACT AWARDED**  
 SAN PEDRO, Los Angeles Co., Cal.—McKensie Sign & Neon Co., 321 S. Pacific Ave., San Pedro, at \$169,000, awarded contract by the Procurement Division, Washington, D. C., for directional sign, lettering, plumbing, etc., in the U. S. P. O. and Custom House at San Pedro.

**CONTRACT AWARDED**  
 DENVER, Colo.—York Safe & Lock Co., York, Pa., at \$2,137, awarded contract by the Procurement Division, Washington, D. C., for a vault door and steel lining for vault in the U. S. Cust. m'house at Denver.

**BIOS OPENED**  
 SAN FRANCISCO.—Herring-Hall-Marvin Safe Co., 214 California St., at \$1,940, submitted low bid to the Procurement Division, Public Bldg. Branch, Washington, D. C., for record vault for Bureau of Mines, Room

111, Federal Office Building, San Francisco.  
 Complete bids follow:  
 Herring-Hall-Marvin Safe Co., San Francisco, \$1940  
 Anderson & Rowe, S. F., 1990  
 Walter Bros. Co., Inc.,  
 New York City, 2250  
 York Safe & Lock Co.,  
 York, Pa., 2566

**BIOS REJECTED**  
 UKIAH, Mendocino Co., Cal.—Procurement Division, Washington, D. C., rejected all bids received June 8 for bronze handrails at the U. S. post office in Ukiah.  
 Public Building Contractors, Bronx N. Y., at \$137, submitted previous low bid.

**BIOS REJECTED**  
 SAN FRANCISCO.—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received May 26 for communicating and buzzer system in the U. S. Federal Office Bldg. at San Francisco. Plans will be revised.  
 Paragon Electric Co., 68 Belcher St., San Francisco, at \$3,792 submitted previous low bid.

**CONTRACT AWARDED**  
 SAN DIEGO, Cal.—B. O. Larsen, 1340 E St., San Diego, at \$50,000, awarded contract by the 11th Naval District, foot of Broadway, San Diego (Public Works Dept.) for one Barracks Bldg. and one combined Mess Hall-Gallery-Barracks Bldg. & Services, at Naval Operating Base (Air Station), San Diego, under Spec. 7985.

**BIOS OPENED**  
 WALLA WALLA, Wash.—Cherveny & Roverman, Portland, at \$37,996 submitted low bid to the Veterans' Administration, Washington, D. C., for construction of the Veterans Administration Facility, Walla Walla Laundry Bldg. No. 66.  
 Complete bids follow:  
 Cherveny and Roverman, Portland \$37,996  
 Peder P. Giorde, Seattle, \$42,518.  
 Fred R. Comb Co., Minneapolis, \$42,950.  
 McCall Const. Co., Seattle, \$44,485.  
 J. J. Lohnenz, Spokane, \$44,642.  
 J. H. Collins & Co., Walla Walla, \$47,897.13.

**BIOS OPENED**  
 ALCATRAZ ISLAND, Calif.—Following bids were received by the Department of Justice, Bureau of Prisons, U. S. Penitentiary, Alcatraz, under Spec. No. 52, Invitation No. 1043, for alterations and improvements to quarters on Alcatraz. Acceptance or rejection of items will determine low bidder.  
 Complete bids follow:  
 Fred J. Early, Jr., 369 Pine Street, San Francisco—(1) \$6,978; (2) \$2,365; (3) \$2,998; (4a) \$247; (4b) \$247; (4c) \$599; (4d) \$400; (4e) \$501; (5) \$1,254; (6a) \$4,700; (6b) \$1,260; (7) \$659; (8) \$513.  
 Leo Epp, 4745 Geary St., San Francisco—(1) \$5,095; (2) \$1,606; (3) \$2,190; (4a) \$141; (4b) \$141; (4c) \$514; (4d) \$293; (4e) \$434; (5) \$479; (6a) \$7,430; (6b) \$1,660; (7) \$343; (8) \$315.60.

W. K. Van Bokkelen, 439 23rd St., Oakland—(1) \$1,714; (2) \$1,059; (3) \$3,436; (4a) \$240; (4b) \$240; (4c) \$8; (4d) \$487; (4e) \$240; (5) \$1,312; (6a) \$7,508; (6b) \$1,461; (7) \$493; (8) \$343.  
 Bids held under advisement.

**BIOS OPENED**  
 HAMILTON FIELD, Marin Co., Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at \$7,615, submitted low bid to the Office of Constructive Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No.

W 6616-37-108, for installation of an elevator in Bldg. No. 70, Hamilton Field, Marin County.

Only other bid submitted by Pacific Elevator Co., San Francisco, at \$8,628.

#### CONTRACT AWARDED

**POINT ARGUELLO**, Arlight Sta., Santa Barbara Co., Cal.—Kohler Co., Kohler, Wisc., at \$1,632, awarded the contract by U. S. Coast Guard Service, Washington, D. C., for generator equipment at the Point Arguello U. S. Coast Guard Station.

#### CONTRACT AWARDED

**POINT ARGUELLO**, Arlight Sta., Santa Barbara Co., Calif.—Fred J. Early, Jr., 309 Pine St., San Francisco, at \$2,400, awarded contract by the U. S. Coast Guard Service, Washington, D. C., for the erection of a steel lookout tower, frame watch house, etc., at the Point Arguello U. S. Coast Guard Station.

#### CONTRACT AWARDED

**POINT ARGUELLO**, Arlight Sta., Santa Barbara Co., Calif.—Shanahan Bros., 6181 Eastern Ave., Station K, Los Angeles, at \$105,000 awarded the contract by U. S. Coast Guard, Washington, D. C., for a boat house, 46x62 ft. and a marine launchway, 308-ft. in length, to be built on Point Arguello.

#### Contract Awarded

**HOSPITAL, ETC.** Cont. Price, \$279,622  
**SACRAMENTO CO.**, Calif. Army Air Corps Supply Depot, near North Sacramento.

**Barracks - Post Exchange Building** (Spec. No. 370-E): Two-story & basement reinforced concrete and steel (27x76 ft.), steel sash, built-up roof, metal lath, tile and H-moium floors, hot water heating system, 1st floor to contain mess hall, cafeteria, kitchen, Post Exchange, etc.; second floor to contain wash rooms and squad rooms for 134 men.

**Hospital (Spec. No. 340-E):** Two-story reinforced concrete and steel (88x28 feet), built-up roof, rubber-tile flooring, hot water heating system, air conditioning system, 9-bed detachments for 10 men.

**Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).**

Plans prepared by the office of the Quartermaster General, Washington, D. C.

**Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.**

#### BIDS OPENED

**HAMILTON FIELD**, Marin Co., Calif. Carlen Constr. Co., 147 10th St., San Francisco, at \$2,200, submitted low bid to the Office of Constructing Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No. W 6616-37-108, for erection of a penthouse over elevator hatchway, alteration of machine room, installation of electric motors and furnishing a 220-volt outfit to the machine room. Bldg. No. 70, Hamilton Field.

Complete bid follow:  
Carlen Const. Co. \$2,200  
De Luca & Son, Inc. 3,875  
H. L. Peterson 3,100  
All of San Francisco

**Contract Awarded**  
**7TH FIFES BLDG.** Cost \$125,000  
**SACRAMENTO CO.**, Calif. Army Air Depot, near North Sacramento.

**Chemical Storage Building** (Spec. No. 349-E): One-story reinforced concrete building, 60 x 22 ft., built-up roof, metal

**Paint, Oil and Dope Storage Bldg.** (Spec. No. 349-E): One-story reinforced concrete, 120 x 140 ft., metal windows, built-up roof, etc.  
**Reclamation Bldg.** (Spec. No. 349-E): One-story reinforced concrete, 60 x 200 ft., metal windows, built-up roof, etc.

**Standard Post Ordinance Magazine—Mid Explosives** (Spec. No. 359-E): One-story reinforced concrete, 26 x 20 feet, corrugated asbestos roof, metal windows, etc.  
**Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).**

Plans prepared by the office of the Quartermaster General, Washington, D. C.

**Contractor—Eaton & Smith, 715 Ocean Ave., San Francisco.**

#### CONTRACT AWARDED

**MARSHFIELD**, Ore.—Middleton Metal Products Co., New York City, at \$138 awarded contract by Procurement Division, Washington, D. C., for hand rails at entrance of the U. S. post office at Marshfield.

#### CONTRACT AWARDED

**WOODLAND**, Yolo Co., Cal.—Scott Co., Inc., 243 Minna St., San Francisco, at \$1,887, awarded contract by the Procurement Division, Washington, D. C., for a lawn sprinkler system at the U. S. post office at Woodland.

## 8—CLUB BUILDINGS

June 29, 1937.

#### Contract Awarded

**CLUB HOUSE**  
**ALAMEDA CO.**, Calif. Tilden Park. One-story golf club house (lodging, lockers, toilets, showers, etc.).  
**Owner—East Bay Regional Park District Golf Club.**  
**Architect—Earl MacDonald, 110 Sutter St., San Francisco.**  
**Contractor—W. G. Thornally, Builders' Exchange Bldg., Oakland.**

#### BIDS WANTED

**SAN FRANCISCO**—Until July 9, 10 A. M., bids will be received by the Custodian, U. S. Marine Hospital, San Francisco for waterproofing parapet wall on the main hospital building. Work will include the entire perimeter of the main hospital building except the center wing. (9645)

## 9—HOSPITALS

**Planned**  
**HOSPITAL** Cost, \$50,000  
**MERCED**, Calif.  
New Merced General Hospital.  
**Owner—County of Merced.**  
**Architect—Not selected.**

The Board of Supervisors will consider the proposed new hospital at its next meeting July 12th.

**Bids In—Announcement Shortly**  
**ANIMAL HOSPITAL** Cost, \$.....  
**SAN FRANCISCO**, 16th and Alabama Streets.

Two-story reinforced concrete animal hospital, steel sash.  
**Owner—Society Prevention of Cruelty to Animals, 16th and Alabama Streets.**

**Structural Engineer—C. Heller, 111 Sutter Street.**

**Material Contracts Awarded**  
**MATRITIM** Cost, \$.....  
**STANISLAUS COUNTY**, Calif. Near Modesto, Del Puerto Canyon. First unit of tuberculosis sanatorium.  
**Owner—Stanislaus County.**  
**Architect—Russell G. deLappe, 5905 Keith Ave., Oakland.**  
**Reinforcements—Mkr. Ross, 117334 Lumber—Yancey Lbr. Co., Newman, 87158 88.**

**Cement—Yancey Lbr. Co., \$1804.44.**  
**Boarding—Valley Asbestos Co., \$3,777.45; wool, \$1516.94, insulation, \$884.71.**  
**Sash—United Lumber Co., \$2300.**  
**Glass—Central Glass Co., \$717.29.**  
**Hardware—Mark Ross, \$880.29.**  
**Paint—Valley Asbestos Co., \$495.85.**  
**Plumbing—Hansen Bros., \$596.41.**

**Bids Rejected—Construction Indefinitely Postponed**  
**ANIMAL HOSPITAL** Cost, \$.....  
**SAN FRANCISCO**, 16th and Alabama Streets.

Two-story reinforced concrete animal hospital, steel sash.  
**Owner—Society Prevention of Cruelty to Animals, 16th and Alabama Streets.**

**Structural Engineer—C. Heller, 111 Sutter Street.**

## 11—ICE AND COLD STORAGE PLANTS

**Sub Contracts Awarded**  
**ICE PLANT** Cost, \$30,000  
**SAN FRANCISCO**, W. Rhode Island, 24 S. Division St.

One-story reinforced concrete ice-making, storage & delivery plant.  
**Owner—National Ice & Cold Storage Co., 417 Montgomery Street.**  
**Engineer—Jas. M. Smith, 251 Kearny.**  
**Contractor—Gay Engrg. Corp. of California, 2650 Santa Fe Ave., Los Angeles.**

**Roofing—Malott & Peterson, 2412 Harrison St.**

**Lumber—Christenson Lumber Co., Quint and Evans Sts.**  
**Concrete—Golden Gate Materials Co., 16th and Harrison Sts.**  
**Steel—Judson-Pacific Co., 609 Mission St., and W. C. Hauck & Co., 280 San Bruno Ave.**

**Contract Awarded**  
**ALTER ICE PLANT** Cost, \$16,000  
**PESNO**, Calif. 702 P St.  
Alterations to ice plant.  
**Owner—Pescno Consumers Ice Co., 702 P St.**  
**Architect—Not Given.**  
**Contractor—W. W. Williams, 1305 Echo St.**

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

**BIDS OPENED**  
**SUNOL**, Alameda Co., Cal.—Earl Trimmingham, Pleasanton, at \$250, submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, for painting interior of Assistant Superintendent's Cottage at Sunol.

Complete bids follow:  
Earl Trimmingham, Pleasanton \$250  
A. Quant & Sons, S. F. 259  
Pacific Painting & Decorating Co., Oakland 269

#### SUB CONTRACTS AWARDED

**SAN FRANCISCO**—De Luca and Son, Inc., 1745 Filbert St., awarded following sub contracts for construction of a reinforced concrete convenience station, concrete gutters and the completion of a sprinkler system, and the fine grading of a playground, at the Potrero Hill Playground, located at 29th and Arkansas Sts.:  
**Roofing—J. W. Bender Roofing Co., 1999 Bryant St.**  
**Electric Wiring—Levy Electric Co., 1407 Bush St.**  
**Sheet Metal—John J. Delucchi, 1526 Powell St.**

**Tile Work—Richard T. Co., 3421 Geary St.**  
**Glass—W. P. Fuller & Co., 301 Mission St.**  
**Plumbing—Plambo Bros. & Co., 1571 Turk St.**  
**Hardware—E. M. Hundley, 662 Mission St.**  
**Painting—W. G. Thompson, 336**



Church St.

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Lawrence Const. Co., 5372 9th Ave., Sacramento at \$6,186 under Alt. (a) omit ventilating system, awarded contract by City Architect Geo. E. McDougall, for improvements to State Office Building, 1025 P St., Sacramento. \*

**Preparing Plans**

**ADDITION** Cost, \$7,500  
**ALAMEDA CO., Calif.** Near San Leandro, Alameda Co. Prison Farm.  
One-story frame building (50x100 ft.) to be constructed on ground of prison farm.  
Owner—County of Alameda.  
Architect—Jas. W. Plachek, 511 Mercantile Bank Building, Berkeley.

**CONTRACT AWARDED**

**SAN MATEO COUNTY, Cal.**—Otis Elevator Co., 1 Beach St., San Francisco, at \$721.05 awarded contract by the Department of Public Works, City Hall, San Francisco, for repairs to elevators at County Jail No. 2, Sneath Ranch, San Mateo County.

**SALE OF PROPERTY**

**RENO, Nev.**—Maurice Izral, Reno, at \$150,125 submitted high bid, which was accepted, to the city council for the purchase of the old postoffice property at Virginia and First Sts., Reno.

**Proposed**

**CITY HALL** Cost, \$.....  
**RENO, Nevada.**  
New city hall to be erected on the site of present city hall.  
Owner—City of Reno.  
Architect—Not Selected.

**BIDS WANTED**

**STOCKTON, San Joaquin Co., Cal.**—Until July 27, 2 P.M., bids will be received by the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., Sacramento, for the erection and completion of a 300-hp. W.T. hoiler in the Boiler Plant, Stockton State Hospital Farm, near Stockton.

Work consists of one (1) 300-hp. W.T. hoiler, complete with foundations, burner, breeching, blowoff tank, feed pumps, hotwell, feed water heater, piping and other appurtenances required for a complete installation.

Plans and specifications obtainable from the office of the architect upon deposit of \$10.

**BIDS WANTED**

**SAN FRANCISCO**—Until July 14, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for metal cases and cabinets to be furnished and installed on fourth, fifth and sixth floors of Psychopathic-Cancer Bldg., Maternity wing, San Francisco Hospital, Potrero Ave. and 22nd Street. Estimated cost, \$8,500.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10

**BIDS WANTED**

**SAN FRANCISCO**—Until July 14, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for heating system at the Redding School, SW Cor. Pine and Larkin Sts. Estimated cost, \$12,000.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

**14—RESIDENCES**

**Contract Awarded**  
**RESIDENCE** Cost, \$8,471  
**SAN JOSE, Santa Clara Co., Calif.**  
Two-story frame and stucco residence (6 rooms, 2 baths), shake roof, hardwood floors, gas furnace, wood sash, tile baths.  
Owner—T. Bonnetti.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
Contractor—Frank Nevis, Santa Clara.

**Contract Awarded**  
**ALTERATIONS** Cost, \$3,000  
**SAN FRANCISCO, 2513 Pierce St.**  
General alterations to residence.  
Owner—George Goodday, 2701 Van Ness Avenue.  
Architect—Hertzka and Knowles, 369 Pine Street.  
Contractor—Stuart Foster, 28 Harry Street.

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**OAKLAND, Alameda Co., Calif. 609 Carlston Avenue.**  
Two-story frame and stucco residence (9 rooms).  
Owner—Dr. M. E. Kirk.  
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.  
Contractor—D. W. Nicholson, 357 12th St., Oakland.

**Contract Awarded**  
**RESIDENCES** Cost, \$1,500 each  
**SAN FRANCISCO, N Judah St. W. of 34th Avenue.**  
Ten one-story and hasement frame and stucco residences.  
Owner—Happy Homes Bldg. Co., 2194 30th Avenue.  
Architect—Not Given.  
Contractor—Shea Const. Co., 105 Montgomery St.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$8,000  
**OAKLAND, Alameda Co., Cal. 4341 Sequoia Road.**  
Two-story frame and stucco residence (7 rooms).  
Owner & Builder—Oscar Soder, 841 Arlington St., Oakland.  
Architect—Not Given.  
Roofing—Brown Roofing Co. 635 53rd Street.

**Plumbing—Henry Lee, 1736 Fifth Ave. Masterion Street.**  
**Sheet Metal—Atlas Heating & Ventilating Co., 1451 32nd St.**  
**Hardwood Floors—Edward C. Mattson, 2960 Montana St.**  
**Lumber—Smith Lumber Co., 19th and Estuary.**  
**Mill Work—Clinton Mill & Lumber, 345 E 7th St.**  
**Painting—J. Hillery, 429 61st Street.**  
**Lathing and Plastering—E. Koenig, 1521 54th Avenue.**  
All of Oakland.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$5,000  
**BURLINGAME HILLS, San Mateo Co., Calif.**  
One-story frame and rustic residence (6 rooms), hardwood floors, tile roof, floor furnaces, etc.  
Owner—Withheld.  
Architect—Mario Corbett, 72 Third Ave., San Mateo.  
Plans will be completed in about one week and bids received from a selected list of contractors.

**Bids Opened**  
**RESIDENCE**  
**SANTA ROSA, Sonoma Co., Calif.**  
One-story frame and stucco residence (5 rooms, 1 bath), hardwood floors, tile bath, etc.  
Owner—Alice Tracy, San Rafael.  
Architect—John Easterly, Santa Rosa and Healdsburg.

**Low Bidder—Irland & Woodside, Santa Rosa—\$3,350.**  
Complete bids follow:  
**Irland & Woodside.....\$3,350**  
**Carl Sullivan.....3,792**  
**Grigsby Bros.....3,839**  
**C. L. Personett.....3,865**  
**Robt. Todd.....4,053.50**  
**A. F. Smith.....4,215**  
Bids held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**ATHERTON, San Mateo Co., Calif.**  
One-story frame and wood siding residence.  
Owner—Phillip Fitzgerald.  
Architect—Gardner A. Dailey, 210 Post St., San Francisco.  
Contractor—Aro & Okerman, Box 423, Palo Alto.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,500  
**SAN MATEO, Lot 18, Blik, 12, Virginia St.**  
Two-story frame and stucco residence.  
Owner—D. E. Golden, 1411 Montero, Burlingame.  
Architect—Leo Sharps, 1447 Burlingame Ave., Burlingame.  
Contractor—C. B. McClain, 1412 Edgemoor Dr., Burlingame.

**Plumbing—Frank J. Regan, 245 Calif. Drive, Burlingame.**  
**Heating & Sheet Metal—Izmirian Roofing & Sheet Metal Works, 227-229 S. Railroad Ave., San Mateo.**

**Iron Grille Work—San Mateo Forge Co., 500 Third Ave., San Mateo.**  
**Foundations and Concrete—Gus Adolphson, 706 N. Claremont, San Mateo.**

**Lumber—Atlas Lumber Co., 2701 S. El Camino Real, San Mateo.**  
**Painting—Stanley Ames, 1109-A Burlingame Ave., Burlingame.**  
**Lathing & Plastering—Fatu Venturilli, 943 N. Idaho St., San Mateo.**  
**Mill Work—Nelson & Shirkey Planning Mill, 2-4 E. Lane, Burlingame.**  
**Hardwood Floors—E. Cinnamon, 232 Arundel Rd., Burlingame.**  
**Brick & Stone Work—Person & Wik.**

**Sub Bids Wanted**  
**ALTERATIONS** Cost, \$10,000  
**PALO ALTO, Santa Clara Co., Calif. Stanford Campus.**  
Alterations to Alpha Omicron Pi Sorority House.  
Owner—Alpha Omicron Pi Sorority.  
Architect—C. K. Sumner, Deckerook Bldg., Palo Alto.  
Contractor—H. H. Larsen Co., 64 So. Park Ave., San Francisco.

The contractor desires sub bids on all portions of the work.

**Sub-Contracts Awarded**  
**ALTERATIONS & ADDITIONS** Contract Price, \$10,200  
**PALO ALTO, Santa Clara Co., Calif. Stanford Campus.**  
Alterations and additions to Alpha Tau Omega fraternity house.  
Owner—Alpha Tau Omega Fraternity.  
Architect—C. K. Sumner, Deckerook Bldg., Palo Alto.  
Contractor—E. J. Schmalzing, 863 Melville Ave., Palo Alto.

**Roofing—Reaves Roofing Co., Rt. 1, Box 806, Palo Alto.**  
**Plumbing and Heating—Lee & Sharp 811 Emerson St., Palo Alto.**  
**Electric Wiring—Erskine Elec. Wks., Middlefield Rd. at 5th Ave., Redwood City.**

**Sheet Metal—Spangler Sheet Metal Works, 624 Emerson St., Palo Alto.**

**Tile Work—Art Tile Company.**  
**Lumber—McElroy Lumber Co., Vista Ave. and El Camino Real, Palo Alto.**  
**Mill Work—Pacific Mfg. Co., Santa Clara.**

Painting—A. Anderson and Son, 231  
Copper St., Palo Alto.  
Lathing and Plastering—L. T. Bridg-  
es, 645 Oberlin St., Palo Alto.

**Low Bidder**  
**RESIDENCE** Cost, \$3,500  
CASTRO VALLEY, Alameda Co. Cal.  
One-story rustic residence (5 rooms)  
shingle roof, gas fired heating  
system, hardwood floors, tile  
baths, etc.  
Owner—Withheld.  
Architect—Geo. F. Simonds, 80 Main  
Street, Hayward.  
Low Bidder—F. C. Little, 1960 B St.,  
Hayward, \$4,133.

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
PIEDMONT, Alameda Co., Cal. Wild-  
wood Gardens.  
Two - story frame and stucco resi-  
dence (9 rooms).  
Owner—Dr. Kenneth Thompson.  
Architect—Miller and Warnecke, Fi-  
nancial Center Bldg., Oakland.  
Contractor—D. W. Nicholson 357 12th  
Street, Oakland.

**Specifications Completed**  
**RESIDENCE** Cost, \$10,500  
SAN FRANCISCO, Monterey Hghts.  
Two - story frame modern residence  
(7 rooms, 3 baths, breakfast  
nook, laundry), sun deck, garage;  
red oak floors, linoleum in kitchen-  
ing, laundry and baths; steel sash  
(special bay window in steel  
sash).

**Owner & Builder—Home Building**  
Service Co., 101 Post St.  
Architect—Mark Daniels, 101 Post.  
Plans are also completed.

**Plans Completed**  
**RESIDENCE** Cost, \$10,000  
SAN FRANCISCO, Monterey Hghts.  
Two-story Dutch Colonial residence  
(6 rooms, 2 baths, 2 dressing  
alcoves, bar, etc.). (No. 545.)  
Owner & Builder—Home Building  
Service Co., 101 Post St.  
Architect—Mark Daniels, 101 Post.

**Plans Being Figured—To Close**  
July 6, 8 P. M.  
**PENTHOUSE** Cost, \$6,000  
OAKLAND, Alameda Co., Cal. 48th  
Ave. and Foothill Blvd.  
Addition of two apartment pent-  
house (3 rooms each apt.)  
Owner—Withheld.  
Architect—Geo. F. Simonds, 80 Main  
Street, Hayward.

Plans are being figured by a se-  
lected list of contractors.

**Contract Awarded**  
**ADDITION** Cont. Pr., \$5,724  
**RESIDENCE** Cont. Price, \$5,724  
SANTA ROSA, Sonoma Co., Calif.  
Two - story frame and stucco resi-  
dence (hardwood floors, tile bath  
etc.)  
Owner—T. W. Browncombe.  
Architect—John Eastery, Healds-  
burg and Santa Rosa.  
Contractor—C. L. Personett, 731 San-  
ta Rosa Ave., Santa Rosa.

Bids were received under the fol-  
lowing propositions (a) add for as-  
bestos siding. Award of contract  
did not include acceptance of the  
proposition.

Complete bids follow:  
C. L. Personett, Santa Rosa, \$5,  
724; (a) \$200.  
Leon Koch, Santa Rosa, \$5,900; (a)  
\$225.  
J. K. Babcock, Santa Rosa, \$6,  
250.50 (a) \$150.

**Construction Started**  
**RESIDENCES** Cost, \$50,000  
PITTSBURG, Contra Costa Co. Cal.  
Fifteenth Street.  
Twenty one-story frame and stucco  
residences (5 rooms each)  
Owner and Builder—V. W. Pacini,  
Pittsburg.

Plans by Owner.

The first unit of three houses is  
now under construction.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
SAN FRANCISCO, E. Reed, 77 ft  
S Washington St.  
Two-story and basement frame and  
stucco residence.  
Owner—Bradford Simmons, 17 Reed  
St.  
Plans by Roy Chamberlain, 580 Mar-  
ket St.

Contractor—Leo J. Landy, 467 Laid-  
ley St.

**Contract Awarded**  
**RESIDENCE** Cost, \$4,133  
CASTRO VALLEY, Alameda Co. Cal.  
One-story rustic residence (5 rooms)  
shingle roof, gas fired heating  
system, hardwood floors, tile  
baths, etc.

Owner—Withheld.  
Architect—Geo. F. Simonds, 80 Main  
Street, Hayward.  
Contractor—F. C. Little, 1960 B St.,  
Hayward.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
OAKLAND, Alameda Co., Cal. 4001  
Oak Knoll Blvd.  
One - story frame and stucco resi-  
dence (9 rooms).

Owner—D. Marlinio, 73rd Ave., Oak-  
land.  
Architect—J. B. Anthony, 2014 Shat-  
tuck Ave., Berkeley.  
Contractor—Gaubert Brothers, 4735  
Brookdale Ave., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
PALO ALTO, Santa Clara Co., Calif  
preparing California Ave.  
Two-story frame and rustic resi-  
dence; garage.  
Owner—F. C. Flickiger, c/o Contrac-  
tor.

Contractor—C. W. Kemper, 125 Bry-  
ant St., Palo Alto.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$.....  
MILLBRAE, San Mateo Co., Calif.  
One - story frame and stucco resi-  
dence, hardwood floors, tile baths,  
etc.  
Owner—Mr. Schwager, c/o Archi-  
tect.

Architect—W. W. Wurster, 260 Call-  
ifornia St., San Francisco.  
Plans will be completed in about  
one week and general figures asked  
of a selected list of contractors.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
SAN FRANCISCO, near Twin Peaks  
Two-story frame and stucco resi-  
dence, hardwood floors, tile baths,  
wood sash, etc.  
Owner—Dr. Robert Aldr, c/o Archi-  
tect.  
Architect—W. W. Wurster, 260 Call-  
ifornia St.  
General bids will be received from  
a selected list of contractors in about  
two weeks.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
SAN FRANCISCO, near Twin Peaks.  
Two - story frame and stucco resi-  
dence, tile baths, hardwood floors,  
wood sash, etc.  
Owner—Chas. Gurchot, c/o Archi-  
tect.  
Architect—W. W. Wurster, 260 Call-  
ifornia St.

**Risk Wanted**  
**RESIDENCE** Cost, \$.....  
TULE LAKE, Siskiyou Co., Calif.  
One - story frame and rustic resi-  
dence, hardwood floors, linoleum  
bath wood sash, etc.  
Owner—Capital Co., 625 Market St.,  
San Francisco.

Plans by Construction Department of  
Owner.

**Owner Now Taking Bids**  
**RESIDENCE** Est. Cost, \$5,000  
OAKLAND, Alameda Co., Calif.  
One - story frame and wood siding  
residence (6 rooms), wood sash,  
shingle roof, hardwood floors,  
linoleum mbath, gas wall heater.  
Owner—Mrs. Chas. C. Ringens, 5698  
Cabot Dr., Oakland.  
Architect—Earl E. MacDonald, 110  
Sutter St., San Francisco.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
FRESNO, Calif.  
One - story frame and Pumtite resi-  
dence, air conditioning system,  
hardwood floors, tile bath, etc.  
Owner—Ben Cory, c/o Architect.  
Architect—W. W. Wurster, 260 Call-  
ifornia St., San Francisco.  
Plans will be completed in about  
one month.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
STOCKTON, San Joaquin Co., Calif.  
One-story frame residence, tile and  
concrete floors.  
Owner—Paul Campbell.  
Architect—W. W. Wurster, 260 Call-  
ifornia St., San Francisco.  
Contractor—S. C. Giles, 121 W. Knoles  
Way, Stockton.

**Sub-Contracts Awarded**  
**ADDITION** Cost, \$8,000  
BERKELEY, Alameda Co., Cal. 1756  
Le Roy.

Addition to residence.  
Owner—Alpha Chi Omega, 1756 Le  
Roy.

Architect—Not Given.  
Contractor—Halter Sorensen, 2940  
Piedmont Ave., Berkeley.

Roofing—Guy Tyler & Sons, 1502 Ce-  
dar Street.

Plumbing—Charles W. Knights, 1726  
Grove Street.

Electrical Wiring and Heating—Ber-  
keley Electric Co., 1887 Shattuck  
Avenue.

Sheet Metal—J. C. Owens, 1616 Car-  
ton.

Tile Work—Brochthart Tile Co., 2819  
Shattuck Avenue.

Glass—East Bay Glass Co., 621-627  
Sixth St., Oakland.

Brick and Stone Work—O. Reistrup,  
3104 Ellis St.

Foundations—H. P. Johnson & Sons,  
Lumber—Tilden Lumber Co., foot of  
University Avenue.

Mill Work—Sheehan - Ballard Plan-  
ing Mill Co., 9th and Parker.

Painting—J. J. Jarvis,  
All of Berkeley unless otherwise  
noted.

**Bids Wanted**  
**RESIDENCE** Cost, \$.....  
WEAVERVILLE, Trinity Co., Calif.  
One-story frame and rustic resi-  
dence (hardwood floors, linoleum bath,  
wood sash, etc.)  
Owner—Capital Co., 625 Market St.,  
San Francisco.

Plans by Const. Dept. of Owner.

**Construction Started**  
**RESIDENCE** Cost, \$17,000  
STOCKTON, San Joaquin Co., Calif.  
Lincoln Road off Lower Sacra-  
mento Road.

Two-story frame and stucco resi-  
dence.

Owner—George Patterson.  
Architect—Not Given.  
Contractor—C. I. Carlson, 807 North  
Madison St., Stockton.

**Bids In—Held Under Adjudgement.**  
**RESIDENCE** Cost, \$5,700  
OAKLAND, Alameda Co., Calif. 35th  
and Brann Streets.

One - story frame and stucco resi-  
dence (six rooms) comp shingle  
roof, wood sash, hardwood floors.

tile bath, etc.  
 Owner—A. E. Hinterman.  
 Architect—Otto G. Hinterman, Call Bldg., San Francisco.  
 Announcement shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,000.  
 HILLSBOROUGH Oaks, San Mateo County, Calif.

Two - story frame and stucco residence (10 rooms) hardwood floors tile baths, single roof, hot air heating system, etc.

Owner—E. J. McClanahan, c/o Architect.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.  
 Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

**Construction Indefinitely Postponed**  
**RESIDENCE**  
 OAKLAND, Alameda Co., Cal. Claremont Heights.

Two - story frame and stucco residence (5 rooms), hardwood floors, linoleum baths, gas fired central heating system, wood sash, etc.

Owner—Withheld.  
 Architect—Charles W. McCall, 1404 Franklin St., Oakland.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$16,000-17,000.  
 SAN FRANCISCO. Marina District.  
 Two - story frame and stucco residence (8 rooms, 2 baths), roof garden, terra cotta tile roof, hardwood floors, combination wood and steel sash, automatic hot water heating system, electric range, two extra lavatories.

Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny St.  
 Plans will be completed in about two weeks, and general figures asked.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$5,000.  
 SAN FRANCISCO. Forest Hill.  
 Two - story frame and stucco residence (7 rooms), composition shingle roof, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Architect—F. F. Amandes, 414 Dewey Blvd.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500.  
 BERKELEY, Alameda Co., Calif. 5 Alamo Way.

One - story frame and stucco residence (6 rooms).  
 Owner—H. Jemy, 1735 Madera St.  
 Plans by Paul Atterly, 1000 Broadway.  
 Contractor—O. W. Johnson, 3721 Young Ave., Oakland.

**15—SCHOOLS**

**BIDS WANTED**  
 LANCASTER, Los Angeles Co., Cal.—Until July 9, 7:30 P. M. bids will be received by the Antelope Valley Joint Union High School District for additions and alterations to a cafeteria bldg. at the high school in Lancaster. Plans obtainable from the office of the board, Lancaster, upon deposit of \$3, returnable. J. W. Mays, clerk.

**LOW BIDDER**  
 LOS ANGELES, Calif.—Atlas Construction Co., 39 Congress St., Pasadena, has submitted low bid to Beverly Hills Board of Education, June 26, at \$199,900 for the construction of a new auditorium and an arcade at the Horace Mann school in Beverly Hills. Edward Cray Taylor and Ellis Wing Taylor, architects, 803 West Third St., Los Angeles; Holmes & Narver, structural and mechanical engineers, 639 S. Spring St., Los Angeles.

**Being Done By Day's Work**  
**SCHOOL** Cost, \$25,000.  
 SONOMA Co., Calif. Leddy Park, betw. Santa Rosa and Sebastopol. Frame and stucco school building; five classrooms, library and office; auditorium and woodworking shops.

Owner—Seventh Day Adventist Church.  
 Architect—Not Given.

**SUB-CONTRACTS AWARDED**

SAN FRANCISCO—Grant - Martinelli Const. Co., 44 Mary Street, awarded following sub-contracts for general construction of miscellaneous fittings and equipment for the Agassiz School, Bartlett St. between 22nd and 23rd Sts., for the Department of Public Works:  
 Mill Work—Brandelin and Co., 2141 Bryant Street.  
 Black Boards—Fred Turner, 557 Market Street.

Finish Hardware—E. M. Hundley 662 Mission Street.

Sheet Metal—Guilfoif Cornice Wks, 124 Howard St.

Miscellaneous Iron—Monarch Iron Works, 262 Seventh Street.

Lockers—C. J. Waterhouse, 55 New Montgomery Street.

Painting—Aristo Painting Co., 473 Elyot Street.  
 Electric of Levy Electric Co., 1407 Bush Street.

Plumbing—Herman Lawson Co., 465 Tehama Street.

**Plans Being Figured—To Close July 13, 2:30 P. M.**  
**ADDITION** Cost, \$35,000.  
 MODesto, Stanislaus Co., Cal. 18 H Street.

Library and one - classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).

Owner—Modesto City Board of Education (E. D. Abbott, Secy.) 14th and I Sts., Modesto.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans and specifications may be obtained at the office of the Board of Education and from the architect's office upon deposit of \$25.

Bids will be opened at the office of the Board of Education.

**Contract Awarded**  
**RECONSTRUCTION** Cont. Pr., \$1,945.  
 BURLINGAME, San Mateo Co., Cal. Reconstruction of entrance to McKinley School (replacing brick with stucco).

Owner—Burlingame Elementary Sch. District (L. D. Henderson, Supt.), El Camino and Oak Grove, Burlingame.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Engineer—Harold B. Hammill, 381 Bush St.

Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Complete bids follow:  
 G. W. Williams Co., Burlingame \$1,945  
 A. F. Matlock Co., S. F. 2,310  
 C. H. Bessert Bldg. Co., Burlingame 2,365  
 A. Nelson, Inc., S. F. 3,297

**BIDS WANTED**

OJAI, Ventura Co., Cal.—Until July 6, 8 P. M. (bid opening date postponed from June 28) bids will be received by Northhoff Union Grammar School District for a classroom and auditorium addition to the Oak View School in Ojai. Roy C. Wilson and G. N. Lawford, architects, Say Road, Santa Paula.

**CONTRACT AWARDED**  
 SAN RAFAEL, Marin Co., Calif.—De Luca & Son, Inc., 1745 Filbert St.,

San Francisco, at \$2,705, awarded contract by the City of San Rafael, for alterations in the basement of the San Rafael Grammar School, E Street.

Plans prepared by Architect N. W. Sexton, 1602 de Young Bldg., San Francisco

**Selecting Site**  
**SCHOOL ADDITION** Cost, \$—  
 SAN RAFAEL, Marin Co., Cal. Edgell Hill Road.

Addition of dormitory building to Dominican College.  
 Owner—Dominican College, San Rafael.

Architect—Not Given.  
 Surveys are now being made on the Edgell Hill property to fix the definite location of the building preliminary to starting construction.

**BIDS OPENED**

SAN FRANCISCO—Following are complete bids received by the Department of Public Works, Room 251, City Hall, for interior painting at the following schools: (1) Frank McCoppin School; (2) Lafayette School; (3) Cabrillo School; (4) Junipero Serra School; (5) Galileo High School:

R. P. Paoli & Co., 2530 Lombard St.—(1) \$2,125; (2) \$2,665; (3) \$1,950; (4) \$2,080; (5) \$3,020.

John G. Exley & Son, 240 Van Ness Ave.—(1) \$2,900; (2) \$4,500.

Lee Dixon Painting Co., 18 Eureka St.—(3) \$2,983; (4) \$2,742; (5) \$4,782.

Reliable Painting Co., 3247 19th St.—(1) \$2,275; (2) \$3,355; (3) \$2,140; (4) \$2,250; (5) \$3,750.

Harry Ankers, 22 Lexington Ave.—(1) \$2,750; (3) \$2,475; (4) \$1,920; (5) \$2,840.

W. G. Thompson Co., 336 Church St.—(1) \$2,638; (2) \$4,183; (4) \$2,749; (5) \$3,194.

Cramer Bros., 1325 Clement St.—(1) \$1,950; (2) \$3,465; (3) \$2,190.  
 American Bldg. Maintenance Co., 467 O'Farrell St.—(1) \$2,844; (2) \$3,988.

**Bids Wanted — To Close July 10, 2 P. M.**  
**SHOP & GYM** Cost, \$5,000.  
 AVEenal, Kings Co., Calif.

One - story frame and stucco shop and gymnasium building, on the grounds of the Avenal High Sch. Owner—Avenal Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Plans and specifications may be obtained from the office of the Avenal High School and from the architect's office, upon deposit of \$20.

**BIDS OPENED**

SAN FRANCISCO—Following are complete bids received by the Department of Public Works, Room 251, City Hall, for re-roofing the following schools: (1) Cabrillo School; (2) Andrew Jackson School; (3) Le Conte School; (4) Paul Revere School; (5) Grattan School; (6) Galileo School:

Malott & Peterson, 2412 Harrison St., submitted alternate bids using (a) 260 lb. material and (b) 210 lb. material—(1a) \$1,382; (1b) \$1,382; (2a) \$764; (2b) \$764; (3a) \$1,435; (3b) \$1,435; (4a) \$1,265; (4b) \$1,168; (5a) \$1,765; (5b) \$1,660; (6a) \$2,295; (6b) \$2,295; all work total bids: (a) \$5,507; (b) \$5,694.

Jack Johnson Co., 3365 Army St.—(1) \$1,536; (2) \$663.80; (3) \$1,139; (4) \$1,572; (5) \$2,491; (6) \$1,889.

F. J. Dunn Roofing Co., 3597 Mission St.—(4) \$1,160; (5) \$1,715.

T. D. Crowley Roofing Co.—(4) \$1,567; (5) \$2,590.

J. W. Bender Roofing Co., 1999 Bryant St.—(1) \$1,573; (2) \$922; (3) \$1,674; (4) \$1,600; (5) \$2,650; (6) \$3,250.

Alta Roofing Co., 976 Indiana St.—

(1) \$1,164; (2) \$898; (3) \$1,528; (4) \$1,436; (5) \$2,000; (6) \$2,877.  
 Empire Roofing Co., 4905 Mission St.—(1) \$1,398; (3) \$1,195; (6) \$4,000.  
 Geary Roofing Co., 3028 Geary St.—(4) \$1,188.

#### Plans Completed

**SCHOOL ADDITION** Cost, \$60,000  
 WASSCO, Kero Co., Calif.

Two-classroom reinforced concrete addition to Wasco Grammar School, with cafeteria and toilet building.

Owner—Wasco Union Elementary School District.

Architect—Perrine & Mackie; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

Plans have been forwarded to the State Division of Architecture for approval and bids will be asked about July 7.

#### Sub Contracts Awarded

**LOCKER ROOM** Cont. Pr., \$18,800  
 COBORAN, Kings Co., Calif.

One-story reinforced concrete boys' locker room addition at High School gymnasium (27 x 102 ft.).

Owner—Corcoran Union High School District (T. K. Brown, Clerk).

Architect—Frederick L. Swartz, Brix Bldg., Fresno.

Contractor—R. W. Brown Construction Company, 118 S. Day Street, Madera.

**Roofing**—Frank Barker Roofing Co., 3077 Hedges St., Fresno.

**Plumbing, Heating & Sheet Metal**—A. Stadille, 801 W. Yosemite Av., Madera.

**Electric Wiring**—Byron T. Stephenson, 216 E. Elm St., Hanford.

**Glass & Glazing**—Valley Glass Co., 2220 Inyo St., Fresno.

**Lumber**—Central Lumber Co.

**Mill Work**—Fresno Planing Mill Co., H and Monterey Sts., Fresno.

**Lathing & Plastering**—Wilbur Bishop, 1029 Mill St., Porterville.

#### Planned

**SCHOOL ADDITION** Cost, \$.....

SAN RAFAEL, Mario Co., Calif. E. Mission St.

Addition to the San Rafael High School.

Owner—San Rafael Union High School District (Edwin Wells, Principal).

Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.

#### BIDS WANTED

**MARYSVILLE**, Yuba Co., Calif.—

Until July 12, 8 p.m., bids will be received by the Marysville Union High School District, Pedro Osuna, Secretary, for construction of a one-story frame and corrugated iron bus garage, 36x9x14-ft. high, at the Marysville Union High School, 18th and B Streets.

Plans and specifications may be obtained at the office of the high school on deposit of \$1.00. Certified check of 10% must accompany each bid.

#### Contract Awarded

**SCHOOL** Cont. Price, \$7,506.46

POLLOCK PINES, Eldorado Co., Cal. One-story frame school building (2 classrooms).

Owner—Cedar Grove School District (N. S. Grout, Sec'y).

Architect—Chas. F. Dorn, 1407 California State Life Bldg., Sacramento.

Contractor—Frank Schmershal, Box 129, Placerville.

Only other bid submitted by Chas. F. Unger, Sacramento, at \$9,485.

#### Contract Awarded

**SCHOOL BLDG.** Cont. Pr., \$9,500

SONOMA Co., Calif. Approximately six miles west of Sebastopol.

Two-story frame school house (two classrooms), stucco exterior, oil-

burning heating system, composition roof, etc.

Owner—Gold Ridge Grammar School District.

Architect—Clarence Caukins, Rosenberg Bldg., Santa Rosa.

Contractor—Heitz & Witter, Healdsburg.

#### Complete bids follow:

Heitz & Witter, Healdsburg.....\$9,500

M. J. Cohn.....9,628

Sam Swindler, Sebastopol.....9,700

C. L. Peronett, Santa Rosa.....9,792

D. D. Downie, Sebastopol.....9,990

L. Halvorsen, Santa Rosa.....9,985

Robt. McCarthy, S. F.....12,178

#### FUNDS ALLOTTED

**KERN COUNTY**, Calif.—Kern Co. Union High School board this week approved the 1937-38 budget which includes the following allocations for school construction: East Bakersfield high school, \$282,000, this a PWA grant; new building at West Bakersfield plant, \$27,000; Shafter, \$38,000; McFarland, \$10,000; bus storage building, \$15,000; addition to shop building, H. Biggar, Habersfield Bldg., Bakersfield, architect for East Bakersfield high school.

**CONTRACTS AWARDED**

**SAN FRANCISCO**—Department of Public Works, City Hall, awarded following contracts for laying wood floors and thresholds in the Excelsior School, Excelsior Ave. and Lisbon St., the Garfield School, Kearny and Fibert Sts. and the Suto School 13th Ave. and Clement St.

Peter Sartorio.....\$4,380

Garfield School

Frank J. Reilly Company.....\$3,481

Suto School

Frank J. Reilly Company.....2,961

#### CONTRACT AWARDED

**RENO**, Nev.—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco, at basic bid of \$33,480 awarded contract by the Reno Senior High School (E. Otto Vaugmn, Supt.) for alterations to the heating system at Reno High School.

Complete bids follow:

Alta Electric & Mechanical Co., Inc., San Francisco, \$33,480

Lehman Bros., Los Angeles, \$33,660

Cory & Joslin, San Francisco, \$33,800.00

Dutton - Cochrane, San Francisco, \$33,898.00

James A. Nelson, Inc., San Francisco, \$34,538.00

W. E. Humes, Reno, \$35,320.00

M. J. Reeves Heating Co., San Francisco, \$40,559.00

H. E. Saviers, Reno, \$43,007.37.

#### PREPARING PRELIMINARY PLANS

**SAN FERNANDO VALLEY**, Calif.—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have been commissioned to prepare preliminary drawings for a group of 1-story buildings to be built on a 40-acre site in San Fernando Valley for a home for boys under the patronage of the Catholic Big Brothers.

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**

**STORE BLDG.** Cont. Pr., \$38,956

VALLEJO, Solano Co., Calif.

One-story reinforced concrete store building (10 stores), steel frame, steel slat, composition roof, tile and plate glass front, etc.

Owner—J. H. Huns, Vallejo.

Architect—Chas. E. J. Rogers, Phe-lana Bldg., San Francisco.

Contractor—James Bitcon, 628 Louisiana St., Vallejo.

**Planned**  
**STORE** Cost, \$.....  
 EUREKA, Humboldt Co., Calif. 6th and E Sts.

One-story store building (60 x 90 ft.).

Owner—Frank R. Swasey.

Lessee—Purity Stores, Ltd.

Plans by Eng. Dept. of Lessee.

**Bids In—Held Under Advertisment**

**ALTERATIONS** Cost, \$.....

FRESNO, Fresno Co., Calif. Fulton and Fresno Streets.

Interior finish work in Roos Bros. store in the Cory Bldg.

Owner—Cory Estate (Ben H. Cory, Manager).

Lessee—Roos Brothers, Fresno.

Architect—A. R. Williams, 251 Post St., San Francisco.

Separate bids were received for general alterations and electric fixtures. Announcement shortly.

**Contract Awarded**

**STORE & OFFICE** Cost, \$.....

VALLEJO, Solano Co., Calif. Capitol St.

Remodel existing two-story building to accommodate three stores on first floor and law offices on second.

Owner—City Attorney Russell F. O'Hara, Vallejo.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Contractor—James Bitcon, 628 Louisiana St., Vallejo.

**Bids In—Held Under Advertisment**

**BANK** Cost, \$.....

SAN FRANCISCO, Seventh Avenue and Clement St.

New bank building.

Owner—American Trust Company, 464 California St.

Plans by Engineering Department of Owner. Announcement shortly.

**Plans Being Figured—To Close**

**Today**

**STORE BLDG.** Cost, \$7,000

SANGER, Fresno Co., Calif.

One-story and basement frame store building, modernistic front.

Owner—Ancient and Accepted Scottish Rite of Free Masonry.

Architect—Fred L. Swartz, Brix Building, Fresno.

Following are figuring plans:

T. C. & W. H. Irwin, 908 Mildreda St., Fresno.

Midstate Constr. Co., 245 Clinton Ave., Fresno.

W. J. Gchs, Pacific Southwest Bldg., Fresno.

Wm. Jones, 519 Tait St., Sanger.

**PLANS COMPLETED**

**SANTA MONICA**, Los Angeles Co., Cal.—Architect Sydney Clifton, 3907 S Grand Ave., Los Angeles, has completed plans and will start building bids July 2 for a new bank building to be built on the NE corner of 4th St. and Arizona Ave., Santa Monica, for Santa Monica Commercial and Savings Bank.

**Contract Awarded**

**STORE BLDG.** Cost, \$12,500

OAKLAND, Alameda County, Calif. 1216-22 Franklin St.

One-story store building.

Owner—J. T. Hannan, Contra Costa Co.

Architect—E. H. Slocombe and R. W. Cooley, Bldrs. Exch. Bldg., Oakland.

Contractor—Geo. W. Anderson, 211 Hanover Ave.

**Sub-Contracts Awarded**

**ALTERATIONS** Cost, \$.....

SACRAMENTO, Sacramento County. Reconstruction of two-story brick building (new terra cotta unit, tile floor and new tin roof, etc.)

Owner—Rothschild Bros., 41 Sutter

St., San Francisco.  
 Architect—F. F. Amandes, 414 Dewey Blvd., San Francisco.  
 Contractor—W. E. Truesdale, 2116 H Street, Sacramento.  
**Roofing**—Bush Roofing Co., 1912 K. Plumbing—McAlpine Plumbing Co., 800 36th Street.  
**Electric Wiring**—Geo. C. Foss, 1720 Eighth Street.  
**Tile Work**—Gladding McBean & Co., Lincoln Street.  
**Window Shades**—Wm. Rapp Co., 618 20th Street.  
**Brick and Stone Work**—Harry John, 818 26th Street.  
**Lumber**—Homestead Lbr. Co., 3001 Q. Mill Work—Burnett & Sons, 11th and B Streets.  
**Hardware**—Shovrock Smith Hardware Co., 818 J St.  
**Painting**—Ed Sprague, 2202 H St.  
**Lathing and Plastering**—Thomas F. Scollan, 2919 T St.  
**Concrete**—J. E. Myhren, 859 53rd St.  
**Hollow Tile**—Harry Johnson, 818 26th Street.  
 All of Sacramento.

**Contract Awarded**  
**REMODEL STORE** Cost, \$4,500  
 SAN FRANCISCO. 259 Post St.  
 Alter store building.  
 Owner—Ransohoff's, 259 Post St.  
 Architect—Gardner A. Dailey, 210 Post St.  
 Contractor—Lindgren & Swinerton, Inc., 225 Bush St.

**To Be Done By Day's Work**  
**STORE ALTERATIONS** Cost, \$50,000  
 OAKLAND. Alameda Co., Cal. 1115 Washington St.  
 Alterations to store building.  
 Owner & Builder—F. W. Woolworth Co., 1115 Washington St.  
 Plans by Engineering Department of Owner.

**Contract Awarded**  
**STORE BLDG.** Cost, \$8,500  
 OAKLAND. Alameda County, Calif. 4844-46-48 E. 14th St.  
 Two-story store and flat building.  
 Owner—Oliver Anders, 4800 East 14th Street.  
 Architect—Not Given.  
 Contractor—Ole Moer, 3201 Wyman St.

**Contract Awarded**  
**REMODEL STORE** Cost, \$.....  
 SANTA ROSA. Sonoma County, Cal. Fourth Street.  
 Remodel store.  
 Owner—Ketterlin Brothers.  
 Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.  
 Contractor—W. C. Snyder, Rt. 4, Box 505, Santa Rosa.

**To Be Done By Days Work**  
**SALES BLDG.** Cost, \$16,000  
 SAN FRANCISCO. W Third St. 100 N 18th St.  
 One-story frame sales building.  
 Owner & Builder—J. C. Coughlin, 625 Brannan Street.  
 Architect—Not Given.

**Bids In-Held Under Advertisment**  
**STOCK BROKER'S OFFICE** \$.....  
 SAN FRANCISCO. Russ Bldg. (Pine and Montgomery Streets).  
 Install new stock broker's office.  
 Owner—Watson & Co., Russ Bldg.  
 Architect—Kent & Hass, Underwood Building.  
 Announcement shortly.

**Plans Completed**  
**STORE BLDG.** Cost, \$40,000  
 FRESNO. Fresno Co., Cal. Fulton St.  
 One - story and mezzanine store.  
 Owner—Aram Sarovan.  
 Lessee—Pacific Furniture Company.  
 Architect—Not Given.  
 Contractor—Elior & McNulty, 327 Cory Bldg., Fresno.  
 Construction will start shortly.

**Bids Being Received—To Close July 9**  
**ALTERATIONS** Est. Cost, \$30,000  
 BAKERSFIELD, Kern Co., Cal. 19th and K Streets.  
 Alter interior and exterior of store bldg. (new tile and metal front).  
 Owner—Federal Outfitting Co., 766 Mission St., San Francisco.  
 Architect—Earl B. Bertz, 681 Market St., San Francisco.

**Contract Awarded**  
**STORE BLDG.** Cost, \$14,000  
 PALO ALTO, Santa Clara Co., Calif. 425 University Ave.  
 One-story type 3 store building.  
 Owner—M. L. McDougall, 1290 University Ave.  
 Architect—Birge M. and David B. Clark, 210 University Ave., Palo Alto.  
 Contractor—W. P. Goodenough, 49 Wells St., Palo Alto.

**Sub-Contracts Awarded**  
**STORE BLDG.** Cost, \$15,000  
 STOCKTON, San Joaquin Co., Calif. 2017-19-21-23 Pacific Avenue.  
 One - story reinforced concrete store building.  
 Owner—Marcos Flor.  
 Architect—Not Given.  
 Contractor—W. J. Scott, 1661 West Poplar St., Stockton.

**Plumbing**—John Manville.  
**Roofing**—W. T. Gibson, 123 S Grant.  
**Electric Wiring**—Collins Electric Co., 708 E Market St.  
**Sheet Metal and Stainless Steel**—A. Lambert, French Camp.  
**Tile Work**—Stockton Tile Co., 523 E. Channel St.

**Glass**—W. P. Fuller & Co., 218 South Aurora Street.  
**Hardwood Floors**—McLean Hardwood Floor Co., 37 S Sutter St.  
**Iron Grille and Steel Rolling Doors**—Valley Steel & Welding Works, 935 E Scotts Ave.  
**Brick and Stone Work**—C. H. Miller. Grading—R. H. McCarty.

**Foundations and Reinf. Concrete**—A. Sandberg, 405 W Willow St.  
**Lumber**—Stockton Lumber Co., El Dorado and Jackson Sts.  
**Mill Work**—Electric Planing Mill, 545 S Monroe St.  
**Painting**—J. F. Ecker, 17 W. Poplar.  
**Lathing and Plastering**—L. Crispin, Sinclair Avenue.  
**Reinforcing Steel**—Kyle & Co., Wests Lane.  
 All of Stockton.

**Sub-Contracts Awarded**  
**ALTER STORE** Cost, \$3,500  
 SAN FRANCISCO. 3236 Mission St.  
 Alter store building.  
 Owner—Capital Co., 625 Market St.  
 Engineer—L. H. Nishkian, 525 Market Street.  
 Contractor—Langfelder and Schuster, 280 Wawona Street.

**Plumbing**—J. Camp & Co., 1093 Natoma Street.  
**Electric Wiring**—Superior Elec. Co., 3110 Clay Street.  
**Sheet Metal**—Anderson Sheet Metal Works, 323 Washington Street.  
**Tile Work**—Scott Co., Inc., 243 Minna.  
**Glass**—Star Glass Co., 1608 Pacific.  
**Iron Work**—Arkie Iron Works, 780 Brannan Street.  
**Foundations**—Langfelder & Schuster, 280 Wawona Street.  
**Lumber**—Spring Valley Lumber Yard, 2401 San Jose Avenue.  
**Mill Work**—West Coast Lumber Co., 748 Brannan St.  
**Hardware**—Palace Hardware Co., 581 Market Street.

**To Be Done By Days Work**  
**ALTERATIONS** Cost, \$4,500  
 SAN FRANCISCO. 4652 California.  
 Alter office.  
 Owner—Capital Co., 625 Market St.  
 Plans by Const. Dept. of Owner.

**Structural Steel Contract Awarded**  
**ALTERATIONS** Cost, \$50,000  
 SAN FRANCISCO. NE California &

Battery Streets.  
 Alter office building.  
 Owner—White Investment Co., 260 California Street.  
 Architect—Warren C. Perry, 260 California Street.  
 Engineer—T. Ronneberg, Crocker Building.  
 Contractor—Binwiddle Constr. Co., 20 Crocker Bldg.  
**Structural Steel**—Fair Mfg. Co., 617 Bryant St.

**PLANS BEING FIGURED**  
**LOS ANGELES, Cal.**—Until July 9, 12 M. Architect Albert C. Martin, 233 Higgins Bldg., will take general contract bids for a 3-story and basement Class A building, 55x121-ft. in area, to be built on Los Angeles St. south of Aliso St., for Chas. R. Hadley Co. Work will also include remodeling existing building at 330 N. Los Angeles St., involving rearrangement of offices and toilets and installation of freight elevator. Following contractors have been invited to submit bids: Pozzo Const. Co., 2403 Riverside Drive; Kubach-Snyder Co., 2225 E 37th St.; Ford J. Twaits Co., 816 W 5th St.; Joshua H. Marks-Charde Co., 816 W 5th St.; D. L. Peck, H. W. Helman Bldg.; R. Westcott Co., 1831 N. Main St.; H. J. Damm, 3964 Hudson Ave. Mechanical work, sprinkler system, electric wiring and elevator not included in the general contract.

**Low Bidder**  
**ALTERATIONS** Cost, \$.....  
 FRESNO. Fresno Co., Calif. Fulton and Fresno Streets.  
 Interior finish work in Roos Bros. store in the Cory Bldg.  
 Owner—Cory Estate (Ben H. Cory, Manager).  
 Lessee—Roos Brothers, Fresno.  
 Architect—A. R. Williams, 251 Post St., San Francisco.  
**Low Bidder**—Mullen Mfg. Co., 60-80 Rausch St., San Francisco.

**17— THEATRES**

**BIDS WANTED**  
**SAN CLEMENTE, Orange Co., Cal.**—Capital Co., 643 S. Olive St., Los Angeles, is taking bids for a reinforced concrete theater building (60x133-ft.) to be built in San Clemente for the company, Pacific States Theaters, Inc., lessees. Separate bids will be taken on the general work, electric wiring and fixtures, heating and ventilating, decorating, marquee sign box and Neon sign work. C. A. Balch, architect, 1914 S Vermont Ave., Los Angeles. \* 17

**Preparing Working Drawings**  
**THEATRE** Cost, \$40,000  
 TULARE, Calif.  
 Theatre to seat 700, of reinforced concrete and frame construction.  
 Owner—T. & D. Enterprises, 25 Taylor St., San Francisco.  
 Architect—Not Given.  
 Engineer—L. H. Nishkian, 525 Market St., San Francisco.  
 Plans will be completed in about two weeks and owner will take bids.

**18— WHARVES & DOCKS**

**Bids Opened**  
**WHARF & BLDG.** Cost, \$.....  
 SAN FRANCISCO. Piers 35 and 37.  
 Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacketed pile foundations, asphaltic pavement on timber decks, composition roofing, steel rolling doors, electrical work. All work included in general contract.  
 Owner—State of California (Board of Harbor Commissioners), Ferry Building.  
 Engineer—Frank G. White, Ferry Building.  
**Low Bidder**—Monson Bros., 475 Sixth

Street, \$90,184.  
Complete bids follow:  
Monson Brothers ..... \$90,184  
A. W. Kitchen & Co. .... 95,771  
Healy-Thibbitt Const. Co. .... 87,460  
Gen. C. Gurdick, Inc. .... 104,107  
M. B. McGowan, Inc. .... 126,205  
The low bidder was recommended for award subject to PWA approval.

**Contract Awarded**  
**WHARF & BLDG.** Cont. Pr., \$90,184  
SAN FRANCISCO. Piers 35 and 37.  
Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacked pile foundations, asphaltic pavement on timber decks, composition roofing, steel rolling doors, electrical work. All work included in general contract.  
Owner—State of California (Board of Harbor Commissioners), Ferry Building.  
Engineer—Frank G. White, Ferry Building.  
Contractor—Monson Bros., 475 Sixth Street.

## 19—MISC. CONSTRUCTION

**NEW BIDS WANTED**  
**BAKERSFIELD, Kern Co., Cal.**—Until June 28, 5 p.m., new bids will be received by the Bakersfield city council for alterations and repairs to existing swimming pool in Beale park. Opperman & Co., Bakersfield, submitted the previous low bid, at \$18,254.

**Reinforcing Steel Contract Awarded**  
**MORTUARY** Est. Cost, \$100,000  
SAN FRANCISCO. Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five lumber rooms, four operating rooms), wood floors and partitions, oil burning hot air conditioning system, composition roof, 11½ wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.  
Owner—Chevra Kadisha, 1117 Buchanan Street.  
Architect—Hyman and Appleton, 68 Post Street.

Contractor—Jacks & Irvine, 620 Market Street.  
**Reinforcing Steel**—W. C. Wettenhall Co., 17th and Wisconsin Sts.  
As previously reported: Western Iron Works, 141 Beale St., awarded structural steel contract.

### BIDS WANTED

**CULVER CITY, Los Angeles Co., Cal.**—Metro-Goldwyn-Mayer Studios, Culver City, are taking general contract bids for five large sound stages to be built on the studio site in Culver City. Three of the stages, Nos. 25, 26 and 27, will cover a total area of 335x240 ft., while stages Nos. 28 and 29 will cover a total area of 240x260 ft., concrete foundation and piles steel frame construction, granite exterior, composition roofing, rock wool insulation, ventilating equip. Consolidated Steel Corp. will furnish and erect structural steel. Plans were prepared by the owner's architectural department. Bids are to be opened July 1.

### BIDS WANTED

**RENO, Nev.**—Until June 28, 2 P. M. bids will be received by the U. S. Bureau of Public Roads, H. S. Booth, Resident Engineer, 335 West Sixth St., Reno, for insulating a truck tank located in Reno. Work involves covering an area of approximately 158 sq. ft. with 1-inch magnesia blocks, these to be covered with 26-gauge sheet metal.

Specifications and proposal forms obtainable at above office or at the U. S. Bureau of Public Roads,

Federal Office Bldg., Civic Center, San Francisco.

**Planned**  
**STAGE TERMINAL** Cost, \$.....  
LAKE TAHOE, Nevada Co., Cal. So. end of lake near wye.  
Two-story rustic stage terminal bldg. (waiting room, rest rooms, etc.)  
Owner—Pierce-Arrow Stage Line (W. H. Pimentel, owner).  
Owner—Not Given.

### BIDS OPENED

**SAN LUIS OBISPO, Cal.**—Granite Const. Co., Watsonville, at \$232,24 submitted low bid to State Division of Highways, L. H. Gibson, District Engineer, 50 Figueroa St., San Luis Obispo, for constructing tennis courts, furnishing and erecting court fence and nets; and painting playing lines at the California Polytechnic School at San Luis Obispo.  
Complete bids follow:  
Franite Const. Co., Watsonville ..... \$3,212.24  
F. C. Stolte Co., San Simeon ..... 4,164.00  
\*Pacific Fence Const. Co., L. A. "Bid irregular.

### CONTRACT AWARDED

**MARCH FIELD, Riverside County, Calif.**—Metropolitan Construction Co., 208 West 8th St., Los Angeles, at \$87,000, was awarded the contract by the Contracting Quartermaster, March Field, for construction of approximately 66,666 sq. yds. runway consisting of 6-in. stabilized soil base (using disintegrated granite) with three application surf treatment; all storm drains, manholes, concrete box drains and connections; all grading, excavating and backfill. W-6694-qm-37-2.  
Complete bids follow:  
R. E. Hazard & Son, San Diego—\$93,700.  
Oveby Ltd Bros., L. A.—\$98,800.  
J. E. Haddock, Ltd., Pasadena—\$103,700.  
Geo. Herz & Co., San Bernardino—\$103,700.

R. A. Watson, L. A.—\$107,700.  
Benne & Taylor, L. A.—\$110,361.  
So. Cal. Roads Co., L. A.—\$118,942.

### PLANNED

**LOS ANGELES, Cal.**—Los Angeles harbor commission this week authorized the filing of an application for a \$40,000 WPA allocation for improvements to Reeves Field, U. S. fleet air base on Terminal Island. Proposed program provides for the naval bureau of aeronautics supplying \$60,000 to \$70,000 for materials. Improvements would include a steel frame and corrugated iron airplane hangar, 110x90 ft., frame barracks building and mess hall to accommodate 50 officers, enlisted men, quarters for 50 officers, station building and garage.

### Planned

**EXPOSITION PARK** Cost, \$5,000,000  
SAN PABLO, Contra Costa Co., Cal. South slope of San Pablo Tank Farm hill.  
Exposition park; automobile and horseracing tracks, stables, grandstands, midway, exhibit building, airplane landing field.  
Owner—J. J. Jerome.  
Architect—Not Given.

The Board of Supervisors has granted a 50-year franchise to J. J. Jerome, who is planning immediate preparation of the grounds prior to letting contracts for buildings.

### SUB CONTRACTS AWARDED

**BAKERSFIELD, Kern Co., Calif.**—J. N. Harvey, Route 2, Box 308-A, Bakersfield, awarded the following sub-contracts for construction of a swimming pool, etc. in Jefferson Park for the City of Bakersfield.  
Plumbing—Wm. M. McKenney, 2226

Oregon Dr., Bakersfield.  
Brick & Cast Stone—Will P. Houston, Los Angeles.  
Lumber & Hardware—Bakersfield Building Materials Co.

**CONTRACT AWARDED**  
**BAKERSFIELD, Kern Co., Cal.**—A. J. Henricks, 613 19th St., Bakersfield, submitted low bid and awarded contract by Bakersfield city council June 28, at \$12,000, for alterations and repairs to existing swimming pool in Beale Park. Other bids were: J. N. Harvey, \$12,140; Opperman & Co., \$12,747.

**Sub-Contracts Awarded**  
**MORTUARY** Est. Cost, \$100,000  
SAN FRANCISCO. Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five lumber rooms, four operating rooms), wood floors and partitions, oil burning hot air conditioning system, composition roofing, 11½ wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.

Owner—Chevra Kadisha, 1117 Buchanan Street.  
Architect—Hayman and Appleton, 68 Post Street.

Contractor—Jacks & Irvine, 620 Market Street.

Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.  
Stairs—Peirano & Drew, 60 13th St. Tile Work—American Art Tile Company, 231 Franklin St.  
Plumbing, Heating and Ventilation—E. Sugarman, 624 Geary St.  
Glass—W. P. Fuller & Co., 301 Mission Street.

Sheet Metal—Guilfoy Cornice Works, 1224 Howard St.  
Electric Wiring—Galvin Bros., 1578 29th Avenue.

As previously reported, reinforcing steel awarded to W. C. Wettenhall Co. 17th and Wisconsin Sts.; structural steel to Western Iron Works, 141 Beale St.

### BIDS WANTED

**LINN CO, Oregon.**—Until July 16, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing and improving 0.1042 mi. of North Santiam River Bridge, consisting of three continuous steel plate girder spans with concrete sub-structure. Bids to be submitted with approach grading. North Santiam Highway Project 24.E5, National Forest Road Project located within or partly within the Willamette National Forest, Trout, County of Linn, State of Oregon.

Work involves:  
(1) 6.90 c.y. unclass. excav.;  
(2) 139 c.y. Class A concrete;  
(3) 340 c.y. Class B concrete;  
(4) 242 c.y. Class C concrete;  
(5) 91,000 lbs. reinforcing steel;  
(6) 206,000 lbs. structural steel.  
Plans and specifications may be obtained from above office upon deposit of \$10.

**Sub-Contracts Awarded**  
**SUB STATION** Cost, \$.....  
OAKLAND, Alameda Co., Calif. N.E. Corner First and Grove Sts.

Two-story and concrete waterproof basement structural steel and reinforced concrete sub-station (75x36x20), with annex at one end (70x35x15).

Owner—Pacific Gas & Electric Co. Plans by Engr. Dept. of Owner.  
As previously reported, Dinwiddie Const. Co., Inc., 210 Crocker Bldg., San Francisco, was awarded contract for switchhouse super-structure and have awarded the following sub-con-

**tracts:**  
Lumber—Oakland Lumber Co., 6901 E 14th St., Oakland.  
Reinforcing Steel—Gunn, Carle and Co., 20 Potrero Ave., San Francisco.

Masonry—H. Petersen, 1605 Lafayette St., Alameda.  
Plastering—Jas. F. Smith, 271 Minna St., San Francisco.

Sheet Metal—General Sheet Metal Works, 1529 Pine St., S. F.

Hollow Metal Tile—Price Bldg. Specialties Co., 35 Stillman St., San Francisco.

Metal Partitions—Dwan & Co., 126 Post St., San Francisco.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Hardware—Higgins Co., 2335 Broadway, Oakland.

Ornamental Iron—Fair Mfg. Co., 617 Bryant Street.

Plumbing—Max Finzel, 2025 Hopkins St., Oakland.

As previously reported, Golden Gate Iron Works, 1541 Howard St., San Francisco, awarded contract for the structural steel, and Barrett and Hilp, 918 Harrison St., San Francisco awarded contract for concrete foundations.

**BIDS WANTED**

SANTA ROSA, Sonoma Co., Cal.—Until July 6, 10 A. M., bids will be received by Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, Sonoma County Court House, Santa Rosa, for additions to grandstand, racing stables, etc., at Fair Grounds, Santa Rosa. Estimated cost \$12,000. Plans and specifications may be obtained from above office upon deposit of \$50.00.

**20—MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**

SACRAMENTO, Cal.—Sacramento Rock & Sand Co., 16th and A Sts., Sacramento, at \$700 awarded contract by Sacramento City Council for furnishing 500 c.y. of transit-mix concrete for Sacramento Division of Streets. Only other bid was submitted by A. Teichert, Sacramento, at \$707.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Spec. No. 2836, for furnishing lumber for the school department:

- (1) Soft lumber;
- (2) Hard lumber;
- (3) Items 1 & 2 combined;
- (4) Special classes.

J. E. Higgins Lumber Co.	(1)	\$2,335.00
.....	(2)	1,800.00
.....	(3)	4,065.00
.....	(4)	519.00
Jones Hardwood Co.	(1)	2,955.00
.....	(2)	1,449.00
.....	(3)	4,044.00
.....	(4)	424.50

Van Arsdale-Harris Lumber Co., Inc.	(1)	2,020.00
.....	(4)	515.00
Sugar Pine Lumber Co.	(1)	1,991.22
.....	(4)	475.29
Forsythe Hardwood Co.	(2)	1,390.00
.....	(4)	489.00
Smith Lumber Co.	(1)	1,818.70
Davis Hardwood Co.	(2)	1,677.00
E. D. Swift Co.	(1)	2,099.00
White Bros.	(2)	1,474.00
.....	(4)	508.29

**BIDS OPENED**

LOS ANGELES, Calif.—Bids for pressure creosoted poles, Spec. 2335, were opened by Los Angeles Water & Power Purchasing Agent.

- The items were:
- (1) 100 25-ft. poles;
- (2) 80 35-ft. poles;
- (3) 600 40-ft. poles;

- (4) 200 45-ft. poles;
- (5) 200 50-ft. poles;
- (6) 50 60-ft. poles;
- (7) 40 65-ft. poles;
- (8) 20 70-ft. poles;
- (9) 20 75-ft. poles.

The bids were:

- H. J. Browning Lumber Co.—(1) \$9.50, (2) \$14.73, (3) \$17.28, (4) \$20.94, (5) \$26, (6) \$34, (7) \$38.60, (8) \$44.03, (9) \$49.51; start 30, compl in 60 to 120 da.; D: F: net.
- J. H. Baxter & Co.—(1) \$8.80, (2) \$15.75, (3) \$23, (5) \$27, (6) \$39.50, (7) \$45, (8) \$49.50, (9) \$57.30; start 5 da, compl in 65 da.; D: F: net.

- Texas Creosoting Co.—(1) \$10.16, (2) \$18.95, (3) \$25.46, (4) \$31.02, (5) \$42.35, (6) \$59.21, (7) \$70.39, (8) \$93.65, (9) \$109.56; start 30 da, compl 60 da; southern yellow pine; net.

- Pan Pacific Piling & Constr. Co.—(1) \$11.12, (2) \$16.28, (3) \$19.80, (4) \$23.85, (5) \$27.50, (6) \$35.10, (7) \$38.68, (8) \$43.05, (9) \$47.63; deliv as spec; D: F: net.

- Chas. R. McCormick Lumber Co.—(1) \$10.40, (2) \$15.60, (3) \$21.15, (4) \$25.45, (5) \$29.60, (6) \$43.50, (7) \$48.85, (8) \$55.40, (9) \$70.45; start 35 da, compl 90 da.; D: F: net.

- American Lumber & Treating Co.—(1) \$13, (2) \$18, (3) \$21.75, (4) \$25.25, (5) \$30, (6) \$36.50, (7) \$42, (8) \$47, (9) \$55; start 40 da, compl 130 da; D: F: net.

- Gravbar Elec. Co., Inc.—(1) \$10.99, (2) \$20.35, (3) \$27.44, (4) \$33.47, (5) \$42.04, (6) \$58.79, (7) \$69.92, (8) \$78.29, (9) \$88; start 30 da, compl 60 da; Southern Yellow Pine; net.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Southwest Welding & Mfg. Co. was awarded contract, at \$44,675, for 3 bell cranks, fabric control details, welded pipe fittings, a welded pipe headers and suction strainers (items 2-6 Inc.). Bid #4532. Other bids were: Assoc. Piping & Engrg. Co., \$54,597.75; Pac. Iron & Steel Co., \$54,649; Western Pipe & Steel, \$56,71; Fabrifor mSteel Prod., \$5358; Midwest Piping & Supply Co., \$7250.74; Consolidated Steel Corporation, \$10,041.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Fabriform Steel Prod. Co. was awarded contract by Metropolitan Water District Purchasing Agent, at \$612, for two hot frames 4 pipe header marks (items 1, 7, 8 and 9); Bid #4522. Other bids were: Southwest Welding & Mfg. Co., \$704.71; Pacific Iron & Steel, \$754; Western Pipe & Steel Co., \$828; Assoc. Piping & Engrg. Co., \$4001; Midwest Piping & Supply Co., \$1016.17; Consolidated Steel Corporation, \$1075.

**BIDS OPENED**

BERKELEY, Cal.—Following submitted identical bids at \$1576 (fob) \$1947 (delivered at job) and \$1339 (carload lots) to Berkeley City Council for furnishing 2000 tons of concrete mix:

- Chas. S. Hughes, Berkeley.
- Contra Costa Building Materials Co., Berkeley.
- Transit Concrete Co., Oakland.

**CONTRACTS AWARDED**

SAN FRANCISCO, Calif.—T. A. Brooks, Purchaser of Supplies, San Francisco Water Department, under Bid No. 1817, for cast iron pipes, awarded contracts as follows:

- (1) 5000 ft. 2-in. (450 lbs. working pressure);
- (2) 5000 ft. 4-in. do.;
- (3) 25,000 ft. 6-in. do.;
- (4) 10,000 ft. 8-in. do.;
- (5) 5,000 ft. 16-in. do.

Complete bids follow:  
Pacific States Cast Iron Pipe Co., Riatio Bldg., San Francisco, Calif.—Unit Price (Item 1), \$0.235; total, \$325.00.  
United States Pipe & Foundry Co.,

Monadnock Bldg., San Francisco, Cal.—(Item 2), \$0.46; (Item 4), \$1.05; (Item 5), \$3.19; total, \$4,275.25.  
Central Foundry Co., 278 4th St., Oakland, Calif.—(Item 3), \$0.7107; \$4,450

**CONTRACT AWARDED**

OAKLAND, Calif.—L. M. Clough Co., 8831 Foothill Blvd., Oakland, at \$124 per ton, awarded contract by City of Oakland Port Commission, for approximately 5,000 tons of crusher run rock to be used at the port. Identical bids were submitted by Hutchinson Co., Oakland, and San Leandro Rock Co., Oakland, at \$130 per ton.

**BID OPENING POSTPONED**

SAN FRANCISCO, Calif.—Until June 29, 3 p.m. (date postponed from June 24), bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing 700 lf. line fencing; 2 gates, corner posts; and for erection of same; f.o.b. Fort Funston. Bid No. 868-37-300.

**BIDS OPENED**

OAKLAND, Calif.—Linde Air Products, 114 Sannome St., San Francisco, at \$7.90 submitted low bid to East Bay Municipal Utility District under informal proposal No. 880 for 255,000 cu. ft. of oxygen gas, and 180,000 cu. ft. acetylene gas. Complete bids follow:  
Linde Air Products Co., \$7,900.00  
Air Reduction Sales Co., \$7,412.50  
Pacific Oxygen Co., \$2,375.00  
\*Bid on oxygen gas only.

**BIDS OPENED**

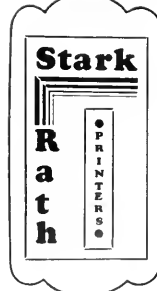
OAKLAND, Calif.—Following submitted identical bids at \$2,778.45 to East Bay Municipal Utility District under Informal Proposal No. 885 for 6500 lf. of copper tubing, 1-, 1½-, and 2-in. in diameter:  
Dalziel Co., C. W. Marwedel; Meyer & Wirthinger; Richmond Sanitary Co.; Oakland Plumbing & Supply Co.; American Brass & Copper Co.; Mueller Co.; Beale Steel and Supply Co.; Crane Co.; Tay-Holbrook Co.; Gilmore Steel & Supply Co.; Moran Plumbing Supply Co.; Walworth Co.

**CONTRACT AWARDED**

OAKLAND, Calif.—Johns-Manville Sales Corp., 4266 Piedmont Ave., Oakland, at \$13,694 awarded contract by East Bay Municipal Utility District for furnishing 16,000 lf. of 4- to 12-inch diameter asbestos pipe.

**CONTRACT AWARDED**

OAKLAND, Cal.—Dynamo Springs Lime Company, 100 Howard St., San Francisco, at \$11,840 awarded contract by East Bay Municipal Utility District for 625 tons of quick lime and hydrate lime. Proposal No. 878.



# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav.	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Disposal Plants
24—St. Light Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Playgrounds
26—Fire Alarm Sys.	35—Tunnels
27—Fire Equipment	
28—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

**SAN FRANCISCO**—Until July 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for placing steel in Lyon Street approach to Golden Gate Bridge in the Presidio.

Work involves:

- (1) 95 tons removed & install I-beams
- (2) 223 tons install reinforcing steel on north ramp Lyon Street approach to Golden Gate Bridge.

Plans and specifications may be obtained from Clyde E. Healy, Second Assistant City Engineer, Room 363, City Hall. No deposit required.

### BID CALL CANCELLED

**VENTURA COUNTY, Calif.**—State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, has cancelled call for bids to be opened July 15, 2:00 P. M., for constructing a reinforced concrete girder bridge across Big Sycamore Creek, about ten miles south of Oxnard, consisting of one 59-foot span on concrete abutments. Bid call reported in issue of June 24.

### CONTRACT AWARDED

**BAKERSFIELD, Kern Co., Calif.**—F. A. Greenough, 130 Lincoln Street, Bakersfield, awarded contract by Kern County Supervisors at \$302,614 for the construction of a timber bridge connecting Olive Drive and Decatur Street in Oildale.

### CONTRACT AWARDED

**IDAHO FALLS, Idaho.**—W. C. Burnes, Idaho Falls, Idaho, at \$139,667, awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for bridge and approaches for Victor-Irwin Highway, Idaho Forest Project 37-B-2.

### CONTRACT AWARDED

**TULARE CO., Calif.**—N. M. Ball Sons, 852 Carmel, Albany, at \$27,231.80, awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, Sacramento, for construction of a steel truss bridge with concrete deck, across Kaweah River, 3 miles south of Woodlake, consisting of three 39-ft. spans, one 36-ft. span, and two 31ft 6-in. spans on concrete pile bents.

### CONTRACT AWARDED

**KERN CO., Calif.**—Griffith Co., 502 Los Angeles Railway Building, Los Angeles, at \$128,573.20, awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, for constructing a bridge with concrete deck and grad-

ing and placing plant-mixed surface and applying road-mixed surface treatment to about 5.5 miles in Kern County, between Maricopa and Taft.

### BIDS WANTED

**LOS ANGELES, Calif.**—Until July 21, 11 a. m., bids will be received by Los Angeles Board of Public Works for constructing a pedestrian subway across Normandie Avenue at 75th St. PWA Project No. 161, Unit 7A. Plans and specifications may be obtained from above office.

### COMPLETE BIDS

**PINAL CO., Ariz., State Highway.**—As previously reported, Tiffany Construction Co., 1600 S. Central Avenue, Phoenix, Ariz., at \$54,001.65 submitted low bid to Arizona State Highway Commission, Phoenix, Ariz., for construction of an overpass structure and approaches on Florence-Tucson Highway, about 8 mi. west of Florence and  $\frac{1}{4}$  mile east of highway junction near Casa Grande Ruins, WPGH 94-B.

Complete bids follow:

Tiffany Constr. Co., 1600 S. Central Ave., Phoenix	\$54,001.65
Vinson & Pringle, Box 930, Phoenix	57,397.11
Daley Corporation, 919 E. Madison St., Phoenix	58,149.12
O. F. Fisher, 516 S. 7th St., Phoenix	59,781.13
Phoenix-Temple Stone Co., Box 1670, Phoenix	60,129.45
Tanner Construction Co., 801 Security Bldg., Phoenix	61,439.66
Heuser & Garnett, 816 Alen Avenue, Glendale, Calif.	65,494.74

Unit prices on file at office of Daily Pacific Builder. 21

### BIDS WANTED

**SAN DIEGO COUNTY, Cal.**—Until July 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening a reinforced concrete girder bridge across San Onofre Creek, 17 miles north of Oceanside. Bridge consists of six 50-ft. spans on concrete piers with pile foundations.

The work involves:

- (1) 90 c.y. existing portland cement concrete removed and disposed of;
- (2) 85 M gals. water;
- (3) 2,700 c.y. imported borrow;
- (4) 1,000 c.y. struc. excav.;
- (5) 114,000 lbs. bar reinf. steel;
- (6) 125 c.y. Class A Portland cement concrete footing blocks;
- (7) 800 c.y. do (struc.);
- (8) 15 c.y. do (railling);

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

- (9) 1,440 lf. Douglas fir piles, furnished;
- (10) 90 each do, driving;
- (11) 1,036 lf. reinf. conc. piles, including test piles, furnishing;
- (12) 36 each do, driving;
- (13) 5,460 lbs. cast steel rockers and bearings;
- (14) 36 c.y. Class A Portland cement concrete slope paving and cut off walls;
- (15) 320 lf. temporary timber guard rail;
- (16) 2 each clearance markers;
- (17) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

### BIDS OPENED

**LOS ANGELES, Calif.**—Truscon Steel Co., 5480 E. Slauson Ave., Los Angeles, at \$6413.29, submitted low bid to L. A. County Supervisors for 215,300 lbs. round deformed reinforcing steel for Nichols Canyon debris basin, concrete conduit and appurtenant structure in Hollywood, i.e.b. trucks at site of work.

The work involves:

- (1) 28 cwt. 1-in.;
- (2) 63 cwt.  $\frac{1}{2}$ -in.;
- (3) 316 cwt.  $\frac{3}{4}$ -in.;
- (4) 954 cwt.  $\frac{1}{2}$ -in.;
- (5) 69 cwt.  $\frac{1}{2}$ -in.;
- (6) 162 cwt.  $\frac{3}{4}$ -in.

Complete bids follow:

Truscon Steel Co., 5480 E. Slauson Ave., Los Angeles—(1) \$2,9428. (2) \$2,9478. (3) \$2,8148. (4) \$2,9563. (5) \$3,0078. (6) \$3,5418; \$6444.84; discount base, \$6310.28;  $\frac{1}{2}$ % 10 da; net 30 da; total, incl. cash disc, \$6413.29.

Concrete Engrg. Co., Los Angeles—(1) \$3,10. (2) \$3,10. (3) \$2,95. (4) \$3. (5) \$3.15. (6) \$3.25; total, \$6582.80; disc. base, \$6201; total, incl. cash disc, \$6551.29.

Soule Steel Co., Los Angeles—(1) \$3,104. (2) \$3,104. (3) \$3.04. (4) \$2,204. (5) \$2,304. (6) \$3,304; \$6596.11; disc. base, \$6554.88;  $\frac{1}{2}$ %; total, incl. cash disc, \$6933.34.

Blue Diamond Corp., Ltd., Los Angeles—(1) \$2,93. (2) \$2,93. (3) \$2,93. (4) \$3,05. (5) \$3,13. (6) \$3.33; \$6591.49; disc. base, \$6419.5;  $\frac{1}{2}$ % 10 da; total, incl. cash disc, \$6559.39.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### CONTRACT AWARDED

**SEWARD, Alaska.**—General Construction Co., 3840 Iowa St., Seattle, Wash., at \$54,090, awarded contract by U. S. Army Department for the construction of a rock mound breakwater at Harbor Refuge, Seward.

### BIDS OPENED

**SACRAMENTO, Calif.**—Following submitted bids to U. S. Engineer Office Room 208, Post Office Building, Sacramento, under Bid No. 1105-37-237, for furnishing and operating a clamshell dredging plant at hourly rates for use in Suisun Bay and the S. Joaquin and Sacramento rivers and tributary channels:

Roberts Island Dredging Co., Antioch: (1) \$10.90. (2) \$9.00. (3) \$75. Franks Contracting Co., San Francisco: (1) \$12.75. (2) \$12.75. (3) \$200. Olymplan Dredging Co., San Francisco: (1) \$26.50. (2) \$26.50. (3) \$215.



MARIN COUNTY, Calif.—Union Paving Co., Call Bldg., San Francisco at \$34,746, submitted low bid to the Constructing Quartermaster, Capt. S. W. Hulise, Fort Mason, for repairs to existing landing mat, construction of storm drains and extension to landing mat at Hamilton Field, Marin County.

- Total bids follow:  
 (A) Union Paving Co., San Francisco, \$34,746.  
 (B) Lee J. Immell, Berkeley, \$34,757.  
 (C) Pacific States Const. Co., San Francisco, \$37,000.  
 (D) A. Soda & Son, Oakland, \$37,200.  
 (E) Chas. L. Harney, San Francisco, \$41,418.

- Quantities follow:  
 (1) Extension to Sec. A, per sq. yd.  
 (2) Asphalt emulsion, per gal.;  
 (3) Asphalt emulsion stabilizer, per gallon;  
 (4) Excavation and backfill, per c.y.  
 (5) 4-in. drain tile, per lf.;  
 (6) 10-inch do;  
 (7) 12-inch do;  
 (8) 15-inch do;  
 (9) 18-inch do;  
 (10) 21-inch do;  
 (11) 27-in. sewer pipe;  
 (12) Manholes, each;  
 (13) Clay conduit, per lf.;  
 (14) Crushed stone for storm drain;  
 (15) Do for surfacing, per c.y.;  
 (16) Sheeting ordered left in place, per FBM.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$.86	\$1.04	\$1.24	\$.80	\$1.00
(2).....	.0675	.072	.129	.085	.08
(3).....	.095	.092	.12	.106	.09
(4).....	4.625	.30	1.50	1.50	.95
(5).....	1.04	1.50	1.25	3.60	1.00
(6).....	1.33	2.00	1.50	3.85	1.38
(7).....	1.65	2.10	1.75	4.00	1.80
(8).....	2.53	3.25	2.60	4.45	2.50
(9).....	3.86	4.00	3.00	4.90	3.00
(10).....	3.86	4.00	3.00	5.50	4.50
(11).....	4.72	6.00	5.00	7.00	5.40
(12).....	72.00	100.00	70.00	135.00	90.00
(13).....	1.00	1.40	1.60	1.25	1.10
(14).....	2.90	3.00	5.50	2.20	2.90
(15).....	2.80	4.00	5.00	2.80	2.90
(16).....	45.00	40.00	40.00	50.00	45.00

**BIDS OPENED**  
 SAN FRANCISCO.—Pacific Coast Engineering Co., Inc., Maritime and Wharf St., Oakland, at 890 (discontinuation 1/2, 10 days) submitted low bid to the U. S. Engineer Office, Custom House, San Francisco, under Bid No. 868-37-303 for furnishing two drag pipes for the hopper dredge "Pacific".

Other bids were: Western Pipe & Steel Co., \$946 net; Bethlehem Shipbuilding Co., \$1040 net; and Montague Pipe & Steel Co., \$1154 net.

**MATERIAL SOLD**  
 SAN FRANCISCO.—Offer of Amer. Dredging Co., 255 California St., San Francisco, at \$600, accepted by the U. S. Engineer Office, 401 Custom House, San Francisco, under Sale No. 4, for sale of 616 feet of 27-inch unserviceable steel plate dredge pontoon pipe submerged in water in the vicinity of Yerba Buena Shoals.

Only other proposal was submitted by Voegtly & White, Oakland, who asked payment of \$250 by the government for removal of the pipe.

**BIDS WANTED**  
 MARION COUNTY, Oregon.—Until July 22 bids will be received by the U. S. Engineer, 306 Custom House, Portland, for dredging at W. Salem and Traglio bars in Willamette river; 35,500 c.y. material to be dredged to restore channel to project width and a depth of 3 1/2 feet at low water at two bars by removal and disposal of all material from area approximately 2300 ft. long and 100 ft. wide, with average cut of 1.5 ft. deep at West Salem bar and 2450 ft. long

and 160 ft. wide with average cut of 1.5 ft. deep at Traglio bar, by the Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**  
 MARIN CO., Calif.—Union Paving Co., Babcock Bldg., San Francisco, at \$37,000, awarded contract by the Constructing Quartermaster, Capt. S. W. Hulise, Fort Mason, for repairs to existing landing mat, construction of storm drains and extension to landing mat at Hamilton Field, Marin County.

**23— CANALS**

**BIDS OPENED**  
 ALL-AMERICAN CANAL.—As previously reported, V. R. Dennis, P.O. Box B, Station A, San Diego, at \$314,519, submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz. for construction of the Pilot Knob check and wasteway, Sta. 1093 plus 92, All-American Canal, Boulder Canyon Project. Location of the work is about 5 miles west of Yuma.

The total bids were:  
 V. R. Dennis Construction Co., San Diego—\$314,519.  
 J. A. Terteling and Sons—\$357,572.  
 Gates & Huntley, Los Angeles—\$416,350.  
 Metropolitan Constr. Co., Los Angeles—\$398,326.

T. A. Allen, Los Angeles—\$406,088.  
 S. J. Groves & Sons Co., Minneapolis—\$416,350.

W. E. Callahan Constr. Co., Los Angeles—\$427,102.  
 Stroud-Seabrook—\$443,085.

Atlas Constr Co., Pasadena—\$469,600.  
 Geo. Pollock Co., Sacramento—\$473,185.00.

Morrison-Knudsen Co., Los Angeles—\$485,169.25.

Complete total bids will be published shortly.

**LOW BIDDER**  
 ALL-AMERICAN CANAL.—V. R. Dennis, P. O. Box B, Station A, San Diego, at \$314,519 submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., for construction of the Pilot Knob check and wasteway, Sta. 1093 plus 92, All-American Canal, Boulder Canyon Project. Location of the work is about 5 miles west of Yuma.

Complete bids will be published shortly.

**COMPLETE BIDS**  
 SALT RIVER PROJECT, Ariz.—As previously reported, Gates & Huntley, 2120 Hyperion St., Los Angeles, at \$74,750, submitted the low bid to Bureau of Reclamation, R. F. Walker, Chief Engineer, Producer Bldg., Phoenix, under Spec. No. 937-D, for construction of earthwork, canal lining, and structures, Roosevelt power canal and additions to the diversion dam, Salt River Project, Arizona. Location of work, about 20 miles northwest of Globe.

Complete bids follow:  
 Gates & Huntley, Los Angeles, California \$74,750.00  
 J. A. Terteling & Sons, Boise, Idaho 87,790.00

Maceo Constr. Co., Clearwater, Calif. 88,300.00  
 O F Fisher Contractor, Phoenix, Ariz. 92,785.00

Daley Corp., Phoenix, Ariz. 97,735.00  
 Don Peters & Co., Inc., Riverside, Calif. 104,330.00

Coor Constr. Co., Alhambra, Calif. 125,577.50

Unit prices on file at office of Daily Pacific Builder

**TO ASK BIDS**  
 LONG BEACH, Los Angeles Co., Calif.—Long Beach City Manager will call for bids shortly for reinforced steel for use in Naples Canal Project. Estimated cost of steel, \$67,000.

**24—STREET LIGHTING**

**BIDS WANTED**  
 OAKLAND, Calif.—Until July 12, 4:30 p.m., bids will be received by City of Oakland Port Commission, Oakland, for furnishing 23 light standards for the overpass structures leading from the outer harbor terminals to the approach to the Bay Bridge. State Department of Public Works will install the standards.

Plans and specifications may be obtained from above office. \* 24

**BIDS WANTED**  
 OYWHEE PROJECT, Ore.-Idaho.—Until July 14, 10:00 a.m., bids will be received by the Bureau of Reclamation, Boise, Idaho, under Spec. No. 944-D, for the construction of earthwork and structures, North Canal laterals, Dead Ox Flat Division, Owyhee Project, Oregon-Idaho.

Work involves:  
 (1) 19,550 c.y. excavation for laterals  
 (2) 2,000 sta. c.y. overhaul;  
 (3) 1700 c.y. excav. for struc.;  
 (4) 2800 c.y. backfill about struc.;  
 (5) 250 c.y. concrete in struc.;

(6) 350 sq. yds. dry-rock paving;  
 (7) placing 15,000 lbs. of reinf. bars;  
 (8) recing 700 lf. 15- to 24-in. precast concrete pipe;

(9) installing 2700 lbs. of gates.

Plans and specifications may be obtained from the above office and the Bureau of Reclamation at Boise and Denver.

The bid opening date previously was reported as July 15, which was in error.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**  
 BOULDER CANYON PROJECT.—Following bids received by Bureau of Reclamation, Denver, under Spec. No. 736, for furnishing and delivering 6-hp. cars at the shipping point and/or Boulder City, main control equipment, 250-volt direct-current distribution switchboards, and 460 - volt and miscellaneous alternating - current control equipment for the control of generating units N-5 and N-6 in the Boulder power plant, Boulder Canyon project. All apparatus will be installed by the Government.

(1) Main control equipment;  
 (2) 460-volt and misc. A.C. control equipment.

Westinghouse Electric & Mfg. Co., Denver ..... (1) \$48,152  
 ..... (2) 27,721

Ne Page McKenny Co., Seattle, Wash. .... (1) 49,223  
 ..... (2) 18,223

General Electric Co., Schenectady, N. Y. .... (1) 59,095  
 ..... (2) 33,592

Cutler-Hammer, Inc., Milwaukee, Wis. .... (1) .....  
 ..... (2) 31,330

All bidders submitted a 200-day delivery date.

**BIDS WANTED**  
 OAKLAND, Cal.—Until July 7, 5:30 P. M., bids will be received by East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Proposal LS-201, for sand blast room and dust removal equipment at the Corporation Yard, Oakland.

Specifications may be obtained from above office. \* 25

**BIDS WANTED**

SUISUN, Solano Co., Calif.—Until July 6, 8 p. m., bids will be received by A. N. Trainor, City Clerk, City Hall, for one new three-quarter-ton pickup truck.  
Specifications obtainable from the above office.

**CONTRACT AWARDED**

OAKLAND, Cal.—J. P. Pierotti, 6th and Broadway Sts., Oakland, awarded contract by Oakland City Council at \$595.92 ea. for furnishing seven automobiles for the health department at \$652.99 ea. for furnishing ten automobiles for the health department. \*

**CONTRACT AWARDED**

YOSEMITE National Park, Cal.—Harnischfeger Corp., 2029 Santa Fe Ave., Los Angeles, at \$27.50 per mo., awarded contract by National Park Service, Lawrence C. Merriam, Acting Supt., Yosemite National Park, under Bid No. 1041, for the rental of one welder, portable type, and one arc welder, portable type; fob El Portal.

Other bidders were  
Roberts Equipment Co., San Francisco; \$41.25 per month.  
The Lincoln Electric Co., San Francisco; \$41.00 per month.  
Air Reduction Sales Co., Emeryville; \$42.91 per month.

Moore Machinery Co., San Francisco; \$48.93 per month.  
Welding Services Sales, Inc., San Francisco; \$45 per month (200 amp. new); \$50 per month (300 amp. used).

F. E. Pocock, El Portal; \$75.00 per month.

SAN FRANCISCO.—Until July 1, 2 p. m., bids will be received by J. H. Skeggs, District Engineer, District 14, Room 211, State Bldg., San Francisco, for the rental and operation of one pneumatic tired water truck, not less than 1000 gal. capacity tank, equipped with water pump and fittings for two 3/4-in. hoses, not over five years old and in good condition, for approximately 450 hours.

Plans and specifications may be obtained from above office. \*

**BIDS WANTED**

ROSEVILLE, Placer Co., Calif.—Until July 7, 10:30 A. M., bids will be received by R. W. Terry, City Clerk, Roseville, for furnishing one motor grader for the city of Roseville.

Plans and specifications may be obtained at above office. \*

**BIDS OPENED**

OAKLAND, Calif.—Following submitted bids to City of Oakland Port Commission for furnishing (1) one diesel auto patrol grader and (2) one sheep foot roller:

Austin Western Road Machinery Co., 435 Brannan St., San Francisco; (1) \$4,997; (2) \$750.

Peterson Contractor & Equipment Co., San Francisco; (1) \$4,997.71; (2) \$772.50.

Sears Well Co., San Francisco; (1) \$5,872.00; (2) \$ . . .

Edward H. Buson, San Francisco; (1) \$5,750; (2) \$800.

Jenison Machinery Co., San Francisco; (1) \$5,625; (2) \$1,030.

Bids held under advisement.

**BIDS OPENED**

EUREKA, Humboldt Co., Calif.—Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$2.33 per hr., submitted low bid to State Division of Highways, J. W. Vickrey, District Engineer, 546 W. Washab Avenue, Eureka, for the rental of two only 3-yd dump trucks for use in District No. 1, not to exceed 700 hours.

**Complete bids follow:**

Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland—\$2.33 per hr. Chas. Burnside, Glendale—\$2.43.

W. E. Sinclair, Miranda—\$2.43. Ashurst & W. E. Sinclair, Hopland—\$2.43.

Portola Truck Service, San Francisco—\$2.43.

W. K. Walker, San Francisco—\$2.43.

Paul Entremont, Colusa—\$2.43. K. G. Dowdy, San Francisco—\$2.43. Dewar's Express, Eureka—\$2.43.

C. E. Huls, Merced—\$2.43. San Bruno Ave. Feed & Fuel Co., San Francisco—\$2.43.

A. Morton, Menlo Park—\$2.43. John M. Vance, Eureka—\$2.43.

R. M. Taylor, Cottonwood—\$2.43. J. A. Starckenburg, Los Angeles—\$2.43.

W. L. Morgan, Pasadena—\$2.43. G. R. Starckenburg, Los Angeles—\$2.43.

S. R. Longwell, San Francisco—\$2.43.

Sa. Moran, Los Angeles—\$2.43. H. G. Lewis, San Francisco—\$2.43. C. J. Newman, San Francisco—\$2.43.

Wm. Kern, Weott—\$2.68. A. E. Garcia, Jr., Irvington—\$3.50. A. J. McCosker, Oakland—\$3.50.

**26—RAILROADS**

**Contracts Awarded**  
TERMINAL Cost, \$.....  
SAN FRANCISCO. First and Mission Streets.

San Francisco - Oakland Bay Bridge Railway Terminal (3-story reinforced concrete building; granite facing on head house; steel roof framing over track level on top floors; composition roofing over concrete; 165-ft. wide by 700-ft. long).

Contracts awarded under Plan One which includes extensive garages in the west end of the building.

**General Construction**  
MacDonald and Kahn Co., 200 Financial Center Bldg., San Francisco ..... \$1,658,510

**Structural Steel**  
Columbia Steel Company 235 Montgomery St. S. F. .... 442,380

**Mechanical Work**  
Scott Co., Inc., 243 Minna St., San Francisco ..... 109,257

**Electric Work**  
Radefinger Bros., 544 Natoma St., San Francisco.... 73,250  
26

**28—FIRE EQUIPMENT****BIDS WANTED**

SAN FRANCISCO.—Until July 7, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of three reinforced concrete fire cistern at First and Folsom streets; (PWPA job). Estimated cost, \$11,000. Spec. No. 19043.

Work involves:  
(1) two 75,000-gallon reinforced concrete cistern at First and Folsom Streets;

(2) 28 c-y. test trenches, excavation, including backfill;

(3) 70 sq. ft. repaving test trenches.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

**29—STREETS AND HIGHWAYS****BIDS WANTED**

JACKSON COUNTY, Ore.—Until July 16, 10 A. M., bids will be received by the U. S. Bureau of Public

Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving 1,510 miles of the Tillamook Highway, Grading Project 16-G3, I.J., National Forest Road project, located within the Rogue River National Forest, Jackson County.

**Work Involves:**  
(1) all required maintenance of existing roads, etc.;  
(2) all required extra and miscellaneous force account work;  
(3) 15 acres clearing;  
(4) 13 acres grubbing;  
(5) 18,150 cu. yd. x-cuts; excav.;  
(6) 275,000 sta. yds. special overhaul;  
(7) 5,000 c.y. mile special overhaul;  
(8) 5 acres roadside cleanup;  
(9) 2,938 ml. finishing earth graded roads;  
(10) 162 cu. Class A concrete;  
(11) 21,000 lbs. reinf. steel;  
(12) 1,080 Lf. culverts (alternate);  
(13) 500 c.y. loose riprap, type I;  
(14) 600 lf. 6-in. bit. coated perforated corrugated metal pipe underdrain, Type 2.  
(16) 13 MFEM Int. timber, including bridge iron.

Plans and specifications may be obtained from above office upon deposit of \$10.00.

**LOW BIDDERS**

MOHAVE COUNTY, Ariz.—Lee Moor Const. Co., Bassett Tower Bldg., El Paso, Texas, at \$46,543 submitted low bid to State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for the grading, draining and placing aggregate base course and asphalt surface treatment on about 3.6 miles of the Kingman-Boulder Dam Highway, FA 128-B.

The work is to begin about five miles northwest of Kingman.

Second low bid was submitted by Pearson & Dickerson, Prescott, at \$253,802.

**LOW BIDDER**

DOUGLAS CO., Oregon.—Clifford A. Dunn, Klamath Falls, Oregon, at \$40,963, submitted low bid to Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for improving 3.829 miles of roadway in the Cascade Lakes Highway Grading Project 46-A2-B, National Forest Road Project, Umpqua National Forest, in Douglas County.

\*Complete bids will be published shortly.

**BIDS WANTED**

PLUMAS COUNTY, Calif.—Until July 13, 2 P. M., bids will be received by the Bureau of Public Rds., C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing bituminous treatment on Sections C-D and E and maintenance with bituminous treatment on Sections A and B, Route 20, Almanor National Forest Highway, Plumas National Forest, Plumas County, involving 9,492 miles.

Work involves 175 tons of slow curing asphalt type SC-2 bituminous treatment.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

**CONTRACT AWARDED**

COCHISE CO., Ariz.—Packard Constructing Co., 44 W. Coronado St., Phoenix, at \$137,617, awarded contract by T. S. O'Connell, State Highway Engineer, Phoenix, for improvement of Benson-Douglas Highway (CA 70 C, 1st resp., 1927) AFE 8003. Work begins at Tombstone and involves 5 1/2 miles southeast and involves grading, draining, aggregate base course and asphalt surface

treatment; to be completed before Jan. 31, 1938.

#### BIDS WANTED

**KLAMATH COUNTY, Ore.**—Until July 14, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving about 3,939 miles of Crater Lake National Park, Rim Road, Clark Gap to Kerr Notch, Proj. 7-C surfacing, National Park Road Project, located within the Crater Lake National Park, Klamath Co.

Approximate quantities are:

- (1) 1 all lump extra and misc. force account work;
- (2) 3,200 c.y. unclass. excav.;
- (3) 3,939 miles fine grading of sub-grade and shoulders;
- (4) 10,000 tons heavy base course, 1½-in. material;
- (5) 12,443 miles road reconditioning;
- (6) 5,500 tons crusher run top course
- (7) 500 tons supplemental crushed stone;
- (8) 550 units watering;
- (9) all required provided and maintenance of water plant or plants
- (10) 525 tons cutback asphalt MC-2 grade for prime coat;
- (11) 200 c.y. bit. mix, in stockpiles;
- (12) 200 c.y. Class A cement stone masonry (walls and rail footings);
- (13) 200 c.y. do (Type 2 guard rail);
- (14) 2,000 lf. do (curbstones);
- (15) 800 lf. log curb Type 4-A;
- (16) 400 tons boulders for landscaping.

Plans and specifications may be obtained from above office upon deposit of \$10.00.

#### NOTICE

Representative of the District Office will accompany prospective bidders over the proposed project in Imperial Valley between Brawley and Mulberry avenue (Xf Imp-187-Brw.D), for which bids are to be received in Los Angeles on July 15, 1937.

Said representative will meet prospective bidders at Planters' Hotel, Brawley, on Friday July 9, at 11:00 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

#### BIDS OPENED

**LOS ANGELES CO., Cal.**—A. S. Vinnell Co., 969 Amalia Avenue, Los Angeles, submitted the low bid to C. H. Purcell, State Highway Engineer, at \$15,956, for highway construction in Los Angeles County, between Las Flores Canyon and W. Channel Road, about 7.1 miles, road-mix surface treatment to be applied to shoulders.

The work involves:

- (1) 700 tons liquid asphalt, SC-2;
- (2) 165,000 sq. yds. prepare, mix and apply asphalt shoulders;
- (3) 61,300 lf. remove existing head-boards.

The bids were:

- A. S. Vinnell Co.: (1) \$690; (2) \$06; (3) \$02; (Total) \$15,936.  
Oswald Bros.: (1) \$1070; (2) \$058; (3) \$03; (Total) \$16,799.00.  
J. E. Haddock, Ltd.: (1) \$7.50; (2) \$069; (3) \$03; (Total) \$18,474.00.  
Oilfields Trucking Co.: (1) \$8.16; (2) \$07; (3) \$03; (Total) \$19,101.00.

#### CONTRACT AWARDED

**COCONINO CO., ARIZ.**—Arizona Sand & Rock Co., P.O. Box 1522, Phoenix, at \$28,821.68, awarded contract by Bureau of Public Roads, C. H. Sweetser, District Engineer, 247 New Post Office Bldg., Phoenix, for 2,264 cu. yd. bituminous treatment of Sections A and B of Route 28, the Fredonia-Houserock Valley National Forest Highway, Kaibab National

Forest, Coconino County, Ariz. Complete bids published June 14th.

#### CONTRACT AWARDED

**TUOLUMNE COUNTY, Cal.**—R. R. Carlson, Stockton, at \$119,533, was awarded contract by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for grading and constructing bridge and approaches on Section D of Route 38, the Sonora Pass National Forest Highway, Stanislaus National Forest, Tuolumne County.

#### BIDS WANTED

**SACRAMENTO, Calif.**—Until July 15, 2 p.m., bids will be received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento, for the construction and completion of paving and storm drainage at the Sacramento Air Depot, Sacramento.

Plans and specifications may be obtained from above office upon the deposit of \$20. Certified check made payable to the Treasurer of the United States.

#### LOW BIDDER

**SEWARD, Alaska.**—Siems - Spokas & Sons, Seward, Alaska, at \$133,692, submitted low bid to the U. S. Bureau of Public Roads, Juneau, Alaska, for 4,756 miles grading, surfacing on Seward Highway, Snow River-Lawing Section, Chugach National Forest.

#### CONTRACT AWARDED

**KERN CO., Cal.**—Basich Brothers, 20530 Normandie Ave., Torrance, at \$13,465 awarded contract by State Division of Highways, Earl Lee Kelly Director of Public Works, Sacramento, for grading and applying road-mix surface treatment to about 2.8 miles of roadway in Kern county at Rademacher.

#### BIDS WANTED

**SAN FRANCISCO, Calif.**—Until July 14, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,054, for improvement of the easterly one-half of 37th Avenue between Judah and Kirkham Streets. Estimated cost, \$4,000.

Work involves:

- (1) 40 lf. 8-in. vitrified concrete pipe side sewer;
- (2) 600 sq. ft. unarmored concrete curb;
- (3) 1200 sq. ft. asphaltic concrete rock subbase pavement.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon the deposit of \$10.00.

#### COMPLETE BIDS

**ARIZONA STATE HIGHWAY.**—Tiffany Constr. Co., Phoenix, submitted low bid to Arizona State Highway Commission, Phoenix, Ariz., at \$1,029.04, for construction of an overpass structure and approaches on Florence-Tucson Highway, about 8 mi. west of Florence and ¼ mi. east of highway junction near Casa Grande Ruins, WPGH 94-B.

Complete bids follow:

- (A) Tiffany Constr. Co., Phoenix, at \$54,001.65.
- (B) Vinson & Pringle, Phoenix—\$57,397.11.
- (C) Daley Corp., 919 E. Madison St., Phoenix—\$58,149.12.
- (D) G. F. Fisher, Phoenix—\$59,781.13.
- (E) Phoenix-Tempe Stone Co., Phoenix—\$60,129.45.
- (F) Tanner Constr. Co., Phoenix—\$61,439.66.
- (G) Heuser & Garnett, Glendale, Cal.—\$65,494.74.

#### BIDS WANTED

**GILA CO., Arizona.**—Until July 9, 10 a. m., bids will be received by the

Arizona State Highway Commission, Phoenix, for highway improvement on the Globe-Springerville Highway, Non-FA 105-C, AFE 6069. The work, which is to begin about 27 miles east of Showlow and extend east about 15.5 mi. toward Springerville, consists of furnishing and applying asphalt surface treatment using SC-2 road oil, and is to be completed on or before Sept. 15. The approximate quantities are:

- (1) 260 cu. yds. gale sprinkling;
- (2) 300 hours rolling;
- (3) 230,200 gal. SC-2 road oil;
- (4) 400 c.y. blotter material (pit run);

Plans and specifications may be obtained from the office of T. S. O'Connell, State Highway Engineer. Certified or cashier's check, 5%.

#### CONTRACT AWARDED

**LINCOLN & TILLAMOOK CO., Oregon.**—Newport Constr. Co., Governor Bldg., and Kern & Kibbe, 42 SE Main, Portland, at \$126,829, awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for about 13,561 mi. of bituminous surfacing on the Salmon River Highway, National Forest Road Project, Bureau National Forest, Lincoln and Tillamook Counties, Oregon.

#### CONTRACT AWARDED

**SHASTA COUNTY, Calif.**—George Pollock Co., P. O. Box 903, Sacramento, at \$19,404 awarded contract by the State Division of Highways, Earl Lee Kelly, Director of Public Works, Sacramento, for furnishing mineral aggregate and screenings on about 34.5 miles in Shasta County between Antler and northerly boundary

#### BIDS WANTED

**LINCOLN CO., Wash.**—Until July 9, 10:30 a. m., bids will be received by R. B. Shaw, County Engineer, Davenport, Wash., for grading, draining and surfacing about three miles of County Road, Project No. 2.

Approximate quantities are:

- (1) 4062 c.y. crushed rock surfacing;
- (2) 609 c.y. filler;
- (3) 26,748 c.y. class A excav.;
- (4) 90 c.y. struc. excav.;
- (5) 5088 cu. overhaul;
- (6) 90 lf. 18-in. culvert pipe;
- (7) 46 lf. 18-in. culvert pipe;
- (8) 34 lf. 30-in. culvert pipe;
- (9) 520 c.y. base course, 1½-in. minus;
- (10) 410 c.y. top course, 1-in. minus;
- (11) 2900 c.y. top course, ¾-in. to ¼-in.;
- (12) 830 c.y. top course, ¼-in. to dust;
- (13) crushed rock stockpiles.

Plans and specifications may be obtained from above office, upon deposit of \$2.50.

#### BIDS REJECTED

**MADERA CO., Calif.**—State Division of Highways, Sacramento, rejected all bids for installing underdrains on about 8 mi. in Madera Co., between Keshaw Corners and Coarse Gold. Lowest bid was submitted by Milton A. Purdy, 2275 100th Avenue, Oakland, at \$27,958.70. Complete bids published June 10th.

#### CONTRACT AWARDED

**SASSEN CO., Calif.**—George Pollock P.O. Box 903, Sacramento, at \$78,327.50, awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, Sacramento, for surfacing with crusher run base and applying penetration oil treatment to about 142 miles of roadway in Lassen County, between Terma and Madeline.

**CONTRACT AWARDED**

NAPA CO., Calif.—E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, at \$48,104, awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, Sacramento, for applying crusher run base, plant-mixed surface and constructing shoulders on about 4.7 miles between the westerly boundary and Napa in Napa County.

**CONTRACT AWARDED**

KERN CO., Calif.—Plazza & Huntley, 296 N. Sixth St., San Jose, at \$7,931.50, awarded contract by State Division of Highways, Earl Lee Kelly, Director of Public Works, Sacramento, for constructing bore and surfacing with plant-mixed surfacing about 5.5 miles of highway in Kern County between Rosedale and Route 131.

**OPENED**

SANTA CLARA CO., Calif.—A. J. Raich, 358 Lincoln Ave., San Jose, at \$6,347, submitted low bid to Santa Clara County Board of Supervisors for the improvement of University Street, from Bellony Street to the City Limits. Only other bid was submitted by Union Paving Co., San Francisco, at \$6,690.

Engineer's estimate, \$6,260.  
Bids held under advisement.

**LOW BIDDERS**

SONOMA COUNTY, Cal.—Robinson & Rulofson, Healdsburg, at \$3,428.10 submitted low bid to Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, Sonoma County Court House, Santa Rosa, for construction of Section A of Dutecher Creek Road in 4th Supervisorial District.

Quantities follow:

- (1) 7200 cu. unclass. excavation;
- (2) 4.6 c.y. Class A concrete;
- (3) 68 lf. 12-in. concrete pipe in place
- (4) 102 lf. 18-in. do;
- (5) 68 lf. 30-in. do;

Total bids follow:

- (A) Robinson & Rulofson, Healdsburg, \$3,538.10.
- (B) George W. Connors, Santa Rosa, \$3,678.20.
- (C) D. A. Canaveri, Santa Rosa, \$3,764.64.
- (D) Guerin Bros., San Francisco, \$3,943.28.
- (E) Crane & Cox and R. L. Benelli, Healdsburg, \$3,972.20.
- (F) A. Sodal & Son, Oakland, \$5,330.50.

- | (A) | (B)   | (C)   | (D)   | (E)   | (F)    |       |
|-----|-------|-------|-------|-------|--------|-------|
| (1) | \$ 35 | \$ 29 | \$ 38 | \$ 41 | \$ 455 | \$ 62 |
| (2) | 26.00 | 32.08 | 30.00 | 27.00 | 23.913 | 25.00 |
| (3) | 1.50  | 1.40  | 2.00  | 2.40  | 9.90   | 1.50  |
| (4) | 2.00  | 2.00  | 2.50  | 2.45  | 1.48   | 1.50  |
| (5) | 7.50  | 5.10  | 5.73  | 4.61  | 6.61   | 6.00  |
- Bids held under advisement.

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available on application for which bids will be opened in Sacramento on July 14 and in Los Angeles on July 15, 1937.  
Following is a list of blue prints and prices:

II-L-73-A Between Lake Leavitt and L. 2nd. Bids to be opened in Sacramento. PLANS (No. of Sheets), 14; cost, \$1.00. CROSS-SECTIONS (No. of Sheets), 48; cost, \$4.30; total, \$5.70.

III-Col-Gle-7-CA—Between Delavan and Logandale. Bids to be opened in Sacramento. PLANS (No. of Sheets), 17; cost, \$1.70; CROSS-SECTIONS (No. of Sheets), 115; cost, \$11.50; total, \$13.20.

III-Vol-Col-7-CA—Between Zamora and Bretona, and Betw Arbuckle and Geneva. Bids to be opened in Sacramento. NONE.  
IV-Mon-56-D—Bridge across Big Creek. Bids to be opened in Sacra-

mento. PLANS (No. of Sheets), 18; cost, \$2.70; CROSS-SECTIONS, none; total, \$2.70.  
VIII-IR-194-C—Between San Jacinto and Moreno. Bids to be opened in Los Angeles. NONE.

VIII - 8-Bd - IR - V - Various — In San Bernardino and Riverside Counties at various locations. Bids to be opened in Los Angeles. NONE.

XI-imp-187-Brw-D—Betw Brawley and Mulberry Ave. Bids to be opened in Los Angeles. PLANS (No. of Sheets), 17; cost, \$1.70; CROSS-SECTIONS (No. of Sheets), 70; cost, \$7; total, \$8.70.

Plans obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento. Checks should be made payable to the Department of Public Works, Division of Highways.

**BIDS OPENED**

VENTURA COUNTY, Cal.—A. S. Vinnell, 969 Amalia Ave., Los Angeles, submitted the low bid to C. H. Purcell, State Highway Engineer, Los Angeles, at \$23,380 for highway construction in Ventura County between 3.2 miles and 4.5 miles east of San Susana, a 1.5 mile to be graded and paved with plant-mixed surf.

- The work involves:
- (1) 26 sta. clear and grub right of way;
  - (2) 320 M. gallons water;
  - (3) 10 cu. y. remove existing concrete;
  - (4) 18,000 cu. y. rdwy. excav. unclass.
  - (5) 180 cu. y. struc. excav.;
  - (6) 100 cu. y. ditch and channel excavation;
  - (7) 600,000 sta. yds. overhaul;
  - (8) 26 sta. finishing rdwy.;
  - (9) 11 tons liquid asphalt, SC-2 (prime coat);
  - (10) 1220 tons mineral agg. (plant-mix surf.);
  - (11) 65 tons liquid asphalt, ROMC-4 or ROMC-5 (do);
  - (12) 4600 sq. yds. prepare, mix and shape shoulders;
  - (13) 40 tons liquid asphalt, SC-2 (shoulders);
  - (14) 5000 lbs. bar reinf. steel;
  - (15) 50 cu. y. Class A portland cement concrete (struc.);
  - (16) 150 lf. 24-in. CMP;
  - (17) 80 lf. CMP removed, cleaned and relaid;
  - (18) 10 each curb markers;
  - (19) 40 each guide posts;
  - (20) 0.2 mile existing property fence moved and reset.

The state will furnish CMP and hand couplers.

The bids were:

A. S. Vinnell Co.: (1) \$20 (2) \$2 (3) \$3 (4) \$63 (5) \$1 (6) \$1 (7) \$004 (8) \$10 (9) \$12 (11) \$14 (12) \$08 (13) \$10 \$13 (14) \$15 (15) \$35 (16) \$50 (17) \$1 (18) \$2.50 (19) \$2.50 (20) \$300 (Total) \$23,380.00.

J. E. Haddock, Ltd.: (1) \$20 (2) \$1 (3) \$10 (4) \$ 68 (5) \$2 (6) \$1.50 (7) \$005 (8) \$10 (9) \$16 (10) \$308 (11) \$15 (12) \$15 (13) \$9 (14) \$06 (15) \$22 (16) \$35 (17) \$1 (18) \$3 (19) \$2.50 (20) \$600 (Total) \$25,229.50.

Dimmitt & Taylor: (1) \$20 (2) \$2.50 (3) \$5 (4) \$8 (5) \$1 (6) \$1 (7) \$005 (8) \$10 (9) \$9.50 (10) \$2.80 (11) \$14.50 (12) \$08 (13) \$8 (14) \$06 (15) \$30 (16) \$60 (17) \$80 (18) \$2.50 (19) \$2.50 (20) \$500 (Total) \$26,320.00.

Griffith Co.: (1) \$15 (2) \$3 (3) \$8 (4) \$73 (5) \$2 (6) \$2 (7) \$005 (8) \$10 (9) \$10 (10) \$3.70 (11) \$15 (12) \$11 (13) \$4 (14) \$06 (15) \$25 (16) \$50 (17) \$1 (18) \$2 (19) \$2 (20) \$600 (Total) \$26,785.00.

C. F. Robbins: (1) \$15 (2) \$2 (3) \$5 (4) \$85 (5) \$1.50 (6) \$1 (7) \$0.975 (8) \$5 (9) \$10 (10) \$2.50 (11) \$15 (12) \$10 (13) \$10 (14) \$06 (15) \$25 (16) \$75 (17) \$1 (18) \$2 (19) \$2 (20) \$600 (Total) \$28,337.50.

Oswald Bros.: (1) \$15 (2) \$2.50 (3) \$5 (4) \$85 (5) \$1.50 (6) \$1 (7) \$0.975 (8) \$5 (9) \$10 (10) \$3.50 (11) \$15 (12) \$10 (13) \$9 (14) \$06 (15) \$25 (16) \$50 (17) \$1 (18) \$2 (19) \$2 (20) \$600 (Total) \$29,462.50.

(17) \$1 (18) \$3 (19) \$3 (20) \$500 (Total) \$29,462.50.  
C. O. Sparks, et al: (1) \$15 (2) \$3 (3) \$4 (4) \$1 (5) \$2 (6) \$1.50 (7) \$01 (8) \$5 (9) \$20 (10) \$2.00 (11) \$13 (12) \$07 (13) \$11 (14) \$06 (15) \$25 (16) \$21 (17) \$1 (18) \$3 (19) \$3 (20) \$500 (Total) \$33,425.00.

**BIDS WANTED**

LOS ANGELES CO., Calif.—Until July 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Los Angeles, for construction of a reinforced concrete slab bridge across Eaton Wash one mile east of San Gabriel, consisting of one 58-ft. 2.5-in. slab span on concrete abutments with timber wing walls, and grading and surfacing approaches with plant mixed surfacing.

The work involves:

- (1) 1 only remove and dispose of existing bridge;
  - (2) 4 sta. clear and grub;
  - (3) 30 M. gals. water;
  - (4) 400 cu. y. rdwy. excav. unclass.;
  - (5) 300 cu. y. imported borrow;
  - (6) 800 cu. y. struc. excav.;
  - (7) 2 sta. finishing rdwy.;
  - (8) 2 tons liquid asphalt, SC-2, (prime coat);
  - (9) 200 tons mineral agg. (plant-mix surf.);
  - (10) 200 tons liquid asphalt ROMC-4 or ROMC-5 (plant-mix surf.);
  - (11) 112,000 lbs. bar reinf. steel;
  - (12) 710 cu. y. Class A portland cement concrete (struc.);
  - (13) 7 cu. do (railing);
  - (14) 1000 ft. wood timber dense select all-heart struc. grade;
  - (15) 50 lf. 24-in. CMP;
  - (16) 156 lf. solid timber guard railing;
  - (17) lot misc. items of work.
- The state will furnish CMP and hand couplers.
- Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

**BIDS WANTED**

YOLO, Colusa, Yuba, Placer, Nevada and El Dorado Cos., Cal.—Until July 21, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 43.2 miles seal coat to be applied to roadbed at various locations in District 111.

The work involves:

- (1) 22 tons liquid asphalt MC-4 (Location A);
  - (2) 200 tons sand (Location A);
  - (3) 20 tons liquid asphalt MC-4 (Location B);
  - (4) 400 tons sand (Location B);
  - (5) 109 tons liquid asphalt, 90-95 (Location C);
  - (6) 100 tons screenings (do);
  - (7) 83 tons liquid asphalt 90-95 (Location D);
  - (8) 990 tons screenings (do);
  - (9) 87 tons liquid asphalt 90-95 (Location E);
  - (10) 1020 tons screenings (do);
  - (11) 59 tons liquid asphalt 90-95 (Location F);
  - (12) 700 tons screenings (do);
  - (13) 50 tons liquid asphalt 90-95 (Location G);
  - (14) 600 tons screenings (do).
- Plans and specifications may be obtained from above office.

**BIDS WANTED**

SAN DIEGO CO., Calif.—Until July 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading, paving with Portland cement concrete and placing plant-mixed surfacing on crusher run base on

about 2.6 mi. between one mile south of San Onofre and the north county line.

- The work involves:
- (1) 3,000 M. gals. water;
  - (2) 87,000 c.y. roadway excav., without class;
  - (3) 515 c.y. struc. excav.;
  - (4) 12,800 sq. y. imported borrow;
  - (5) 1,000 sq. yds. exist. bituminous surf. removed and disposed of;
  - (6) 1,121,500 sta. yds. overhaul;
  - (7) 23,200 sq. yds. preparing sub-grade;
  - (8) 3,300 c.y. exist. conc. removed and disposed of;
  - (9) 88 sta. finishing roadway;
  - (10) 2,700 tons crusher-run base;
  - (11) 3,250 tons mineral aggregate plant-mix surf.;
  - (12) 165 tons liq. asph., MC-5 or MC-extra heavy (plant-mix surf.);
  - (13) 22 tons liq. asph., SC-2 (prime coat);
  - (14) 12 tons liq. asph., MC-3 (stockpiled surf. and gutter seal coat);
  - (15) 180 tons liq. asph., SC-2 (road-mix surf. treatment);
  - (16) 21,150 sq. yds. preparing, mixing and shaping roadbed shoulders, gutter slopes and dikes;
  - (17) 4,650 c.y. class A portland cement conc. pavement;
  - (18) 9,450 each. pavement dowels;
  - (19) 21,300 lbs. bar reinf. steel pavements and structures;
  - (20) 11 c.y. class A portland cement conc. struc.;

- (21) 292 lf. 8-in. CMP;
- (22) 50 lf. 12-in. CMP;
- (23) 224 lf. 18-in. CMP;
- (24) 116 lf. 18-in. CMP (close riveted and soldered);
- (25) 116 lf. 42-in. CMP;
- (26) 4 each. concrete joints;
- (27) 10 each. spillway assemblies;
- (28) 10 lf. exist. pipe culverts removed, cleaned and salvaged;
- (29) 6,080 lf. laminated guard railing;
- (30) 40 lf. exist. guard rail removed and stockpiled;
- (31) 25 each. culvert markers;
- (32) 26 each. guide posts removed and stockpiled;
- (33) 4.2 mi. new property fences;
- (34) 540 lf. wire mesh fence;
- (35) 40 ml. property fences removed and disposed of;
- (36) 23 each. drive gates;
- (37) 29 each. monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the offices of the District Engineer in San Francisco and Los Angeles.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Chas. L. Harney 433 Call Bldg. San Francisco, at \$1298.70 submitted low bid to B. P. Lamb, Secretary, Park Commission, Park Lodge, Golden Gate Park, for an asphaltic concrete floor surface at the Palace of Fine Arts, San Francisco.

Other bids were:  
 Eaton & Smith, 715 Ocean Ave., San Francisco, Calif.—\$1445.  
 Fay Improvement Co., 760 Market St., San Francisco—\$1681.  
 Pacific Pavements Co., Ltd., 85 Barstow, San Francisco—\$1675.  
 Bids under advisement.

**BIDS WANTED**

**HUMBOLDT COUNTY, Calif.**—Until July 21, 1937, 2 P. M. bids will be received by the State Division of Highways, C. H. Parcel, State Highway Engineer, Public Works Bldg., Heroes' Memorial Bldg., Carson City, for construction of surfacing with plant mixed surfacing medium curing type shoulder to be constructed of untreated crushed gravel or stone, and Class B seal coat to be applied to the full width of the roadbed, about 5.2 miles between Beatrice overhead and Eureka.

The work involves:

- (1) 510 M. gals. water;
- (2) 10,150 tons untreated crushed gravel or stone surfacing;
- (3) 100 tons liquid asph., SC-2 (prime coat);
- (4) 12,760 tons mineral agg. (plant-mix surf.);
- (5) 575 tons liquid asphalt ROMC-1 or ROMC-5 (plant-mix surf.);
- (6) 95 tons liquid asphalt, 90-95 seal coat;
- (7) 1,100 tons screenings (seal coat);
- (8) 66,750 sq. yds. asphaltic paint binder.

Plans and specifications may be obtained from above office. \*

**CONTRACT AWARDED**

**CHURCHILL CO., Nevada.**—Dodge Construction, Inc., Fallon, Nevada, at \$202,326.30, awarded contract by Department of Highways, R. A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for grading and surfacing 14.03 mi. of highway in Churchill County, from Lyon County line to a point approximately 14 miles east, Route 1, Section A1

**BIDS WANTED**

**OAKLAND, Calif.**—Until July 13, 2 p.m. bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for improving 29th Avenue and Victor Avenue, Oakland.

The work involves:

- (1) 277 lf. 15-in. reinforced corr. pipe conduit;
- (2) 158 lf. 10-in. vit. pipe conduit;
- (3) 64 lf. 12-in. do.;
- (4) 10 lf. 6x30 corr. iron and conc. box outlets;
- (5) 2 brick manholes;
- (6) 4 54-in. storm water inlets.

Plans and specifications may be obtained from above office. \*

**BIDS OPENED**

**SISSIYOU CO., Calif.**—Lee J. Immel, 1071 Evelyn St., Berkeley, at \$147,350 submitted low bid to Division of Highways, F. W. Haselwood, District Engineer, Redding, Calif., for surfacing with road-mix surfacing about 10.7 miles of highway between Morfelt Creek and Route 3 (H-38-82-D) in Siskiyou County.

Only other bid was submitted by Garcia Construction Co., Irvington, at \$15,000.

**CONTRACT AWARDED**

**VENTURA COUNTY, Cal.**—A. S. Vinnell, 969 Amalia Ave., Los Angeles, at \$23,390 awarded contract by Earl Lee Kelly, Director of Public Works, Sacramento, for highway construction in Ventura County between 3.2 miles and 4.5 miles east of Santa Susana, 0.5 mile to be graded and paved with plant-mixed surf.

**BIDS WANTED**

**LINCOLN CO., Nevada.**—Until July 12, 2:00 p.m. bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for construction of approximately 14.32 miles of highway in Lincoln County.

The work involves:

- (1) 1022 tons liquid asphalt, Type SC-2;
- (2) 94 tons liquid asph., Type MC-2;
- (3) 1432 tons roadmix;
- (4) 14 each. culvert markers;
- (5) Force Account, roadside cleanup.

Plans and specifications may be obtained from above office upon deposit of \$10-\$5 returnable, and at the offices of the Associated General Contractors of America, 206 Sansome St., San Francisco, and Beason Bldg., Salt Lake City.

**CONTRACT AWARDED**

**SAN MATEO CO., Calif.**—Palo Alto Road Material Co., 465 California Ave., Palo Alto, at \$10,797, awarded

contract by Flood Realty Company for paving and street improvements at Sindenwood.

**BIDS WANTED**

**STOREY CO., Nev.**—Until July 12, 2:30 p.m., bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for construction of approximately 4.96 mi. of highway in Storey County.

The work involves:

- (1) 15 A. clearing;
- (2) 164 lf. remove culvert pipe;
- (3) 13 each, remove culvert head-walls;
- (4) 245,000 c.y. roadway excav.;
- (5) 140,868 yd. sta. overhaul;
- (6) 401 yd. ml. overhaul;
- (7) 1,140 c.y. backfill;
- (8) 31,800 c.y. imported borrow;
- (9) 940 c.y. struc. excav.;
- (10) 6000 c.y. drainage excav.;
- (11) 1,007 M. gal. water;
- (12) 118 tons liquid asphalt, SC-2;
- (13) 148 c.y. Class A concrete;
- (14) 30 c.y. Class B concrete;
- (15) 11,630 lbs. reinforcing steel;
- (16) 1,012 lf. 18-in. CMP (dipped);
- (17) 666 lf. 24-in. do.;
- (18) 38 lf. re-lay culvert pipe;
- (19) 5 each, move culvert pipe head-walls;
- (20) 158 each. monuments;
- (21) 10,000 lbs. castings;
- (22) 5 sta. V. pipe ditches;
- (23) 96 sta. slope rounding.

Plans and specifications may be obtained from above office upon deposit of \$10-\$5 returnable, and may be examined at the offices of the Associated General Contractors of America, 206 Sansome St., San Francisco, and Beason Bldg., Salt Lake City.

**LOW RIDDERS**

**GILA CO., Ariz.**—H. J. Hagen, Globe, Ariz., at \$45,043, submitted the low bid to Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Bldg., Phoenix, for grading Section E of Route 11, the Payson Colcord Mountain National Forest Highway, Tonto National Forest, Gila County, Ariz., a distance of approximately 1,863 miles.

Three low bids follow:

H. J. Hagen, Globe, Ariz. .... \$45,043  
 All-Arizona Engrg. & Con. Co., Clifton, Ariz. .... 46,535  
 Lewis Bros., Phoenix, Ariz. 47,489.70  
 Complete bids will be published shortly.

**LOW BIDDER**

**LANE COUNTY, Oregon.**—Colonial Construction Co., W. 326 First Street, Spokane, at \$124,590 submitted low bid to Bureau of Public Roads, 316 New Post Office Bldg., Portland, for grading, 0.740 miles, surfacing, 2.721 miles, and advance clearing 0.314 mi. on the Willamette Highway Grading, Surfacing and Advance Clearing project 21-H2-12, J. I. K. National Forest Road project, Lane Co., Ore.

**LOW RIDDERS**

**CHURCHILL COUNTY, Nevada.**—Dodge Construction, Inc., Fallon, Nevada, at \$202,326.30 submitted low bid to Department of Highways, R. A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for grading and surfacing 14.03 mi. of highway in Churchill County from Lyon County line to a point approximately 14 miles east, Route 1, Section A1.

The three low bids follow:  
 Dodge Construction, Inc., Fallon: \$202,326.30.  
 Isbell Const. Co., Reno, \$219,242.02  
 Fredericksen & Westbrook, Lower Lake, Cal., \$228,088.67.  
 No award was made, due to delayed board meeting.

**BIDS WANTED**

**SAN MATEO**, San Mateo Co., Cal.—Until July 6, 8 P. M., bids will be received by the City Clerk, City Hall San Mateo, for grading, paving, sewer work and electrolines on Fourth and San Mateo Drive, San Mateo. Est. cost, \$50,000. Quantities will be published shortly.

Plans and specifications may be obtained from E. P. Wisley, City Engineer, City Hall, San Mateo, upon deposit of \$5.00.

**BIDS WANTED**

**MULTNOMAH CO.**, Oregon.—Until July 8, 9:00 P. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for remodeling and widening Union Avenue Bridge over Sullivan Gulch on Pacific Highway East in Portland. Federal Aid Grade Crossing Project No. FA-COR-130-A.

The work involves:

- (1) 590 c.y. excavation;
- (2) 9,000 lf. treated foundation piling
- (3) 435 c.y. concrete;
- (4) 55,000 lbs. metal reinforcement;
- (5) 270,000 lbs. structural metal;

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon the deposit of \$5.00.

**BIDS WANTED**

**WASHINGTON CO.**, Ore.—Until July 8, 9:00 P. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for concrete overcrossing structure over Southern Pacific Co.'s tracks and 0.305 miles highway roadbed n. r. Cook Station on the West Portland-Hubbard Highway. Works Program Grade Separation Prop. No. WPGS 294-C.

The work involves:

- (1) 60,950 cu. excavation;
- (2) 450 cu. concrete;
- (3) 76,000 lbs. metal reinforcement;
- (4) 300 lf. concrete handrail.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon the deposit of \$5.00.

**CONTRACT AWARDED**

**LOS ANGELES COUNTY**, Cal.—A. S. Winnell, 969 Analia Avenue, Los Angeles, at \$15,956 awarded contract by Earl Lee Kelly, Director of Public Works, Sacramento, for highway construction in Los Angeles County between Las Flores Canyon and W. Channel Road, about 7 1/2 miles, road-mix surface treatment to be applied to shoulders.

**BIDS WANTED**

**DOUGLAS COUNTY**, Ore.—Until July 8, 9:00 A. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for approximately 0.91 mile Portland cement concrete pavement in North Roseburg Section of Pacific Highway. Federal Aid Project No. 78-F.

The work involves:

- (1) 8,900 cu. excavation;
- (2) 8,850 lf. concrete curbs & gutters
- (3) 1,200 sq. yds. concrete sidewalks;
- (4) 6,700 cu. crushed rock or crushed gravel;
- (5) 17,200 sq. yds. Portland cement concrete pavement;
- (6) 4,100 sq. yds. oil mat surface treatment.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00.

**BIDS WANTED**

**HARNEY COUNTY**, Ore.—Until July 8, 9:00 A. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for 2.12 miles grading; 7.61 miles surfacing and asphalt binder course; also to furnish 11,500 cu. crushed rock in stockpiles at Lake County Line-Gap Ranch Section of Central Oregon Highway. Federal Lands Highway Project No. FLH 6-A and Federal Aid Project No. 148-D.

The work involves:

- (1) 29,000 cu. excavation;
- (2) 33,900 cu. crushed rock;
- (3) 6,900 cu. cinder shoulder materials;
- (4) 89,900 sq. yds. asphalt binder course.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00.

**BIDS WANTED**

**YAMHILL COUNTY**, Ore.—Until July 8, 9:00 A. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for approximately 0.40 mile paving at Lafayette Section of Pacific Highway. West Federal Aid Project No. 179-B.

The work involves:

- (1) 3,200 cu. excavation;
- (2) 3,350 lf. concrete curb and gutter;
- (3) 1,400 cu. crushed rock or crushed gravel;
- (4) 5,700 sq. yds. Portland cement concrete pavement;
- (5) 800 sq. yds. oil base;
- (6) 3,100 sq. yds. asphaltic concrete pavement.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00.

**BIDS WANTED**

**YAMHILL COUNTY**, Ore.—Until July 8, 9:00 A. M., bids will be received by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for South Yamhill River Section of Pacific Highway West. Federal Aid Grade Crossing Project No. FAGH 58 and Federal Aid Project No. 58; 3 1/2 mile grading and paving; steel, concrete and treated timber bridge over South Yamhill River, and concrete piers for subway under Southern Pacific tracks.

The work involves:

- (1) 75,000 cu. excavation;
- (2) 11,250 sq. yds. Portland cement.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of \$5.00.

**BIDS WANTED**

**RIVERSIDE COUNTY**, Cal.—Until July 6, 2 P. M., bids will be received by State Division of Highways, E. O. Sullivan, District Engineer, 247 3rd St., San Bernardino, for seal coat to be applied to the existing pavement on about 32.2 ml. between Orange County line and Elsinore and between Temecula and San Diego County line.

Plans and specifications may be obtained from above office.

**BIDS WANTED**

**WYOMING**.—Until July 15, 2 P. M., bids will be received by F. A. Kitzredge, Chief Engineer, National Park Service, 250 Federal Office Bldg., San

Francisco, for grading and asphaltic surfacing of Entrance Rd. Devils Tower National Monument, Wyo.

Work involves:

- (1) 4,900 cu. unclass. excav.;
- (2) 1400 cu. y. 1-in. crushed rock or gravel base course;
- (3) 900 cu. y. hauling crushed rock from existing stockpile;
- (4) 2,200 cu. y. 3/4-in. crushed rock or gravel surfacing material;
- (5) 60,000 gals. Grade MC-3 liquid asphalt;
- (6) 35,000 sq. yds. surface course;
- (7) 800 cu. y. special excavation;
- (8) 12 concrete drop inlets complete in place;
- (9) 12 metal inlets, in place;
- (10) 150 lf. 12-in. corrugated pipe culvert, in place;
- (11) 4,000 lf. 6-in. drain tiles, in place
- (12) 600 cu. y. trench excavation;
- (13) 500 cu. y. gravel backfill, in place.

Plans and specifications may be obtained from above office and from N. F. Joyner, Custodian, Devils Tower National Monument, Devils Tower Wyoming.

**CONTRACT AWARDED**

**OAKLAND, Cal.**—Rhodes & Kennedy Company, 101 4th St., Oakland, at \$37,328 awarded contract on Item 4 and Ransome Company, 4030 Hollis St., Oakland, at \$175 (Item 1), \$29,350 (Item 2) and \$40 (Item 3), by East Bay Municipal Utility District under Spec. No. 198 for 113,000 sq. ft. of asphaltic street paving and 500 cubic feet of asphaltic base.

**BIDS WANTED**

**TEHAMA CO.**, Calif.—Until July 9, 2 p. m., bids will be received by State Division of Highways, F. W. Hazelwood, District Engineer, District No. 2, Red Bluff, for surfacing with road-mix about six miles between Proberta and one mile south of Red Bluff. Plans and specifications may be obtained at above office.

**BIDS WANTED**

**SAN FRANCISCO**, Calif.—Until July 14, 2:30 p. m., bids will be received by Department of Public Works, Room 251, City Hall, for improving Carolina Street, between 22d and 23rd Sts., where not already improved. Estimated cost, \$2,765.

- Work involves:
- (1) 50 lf. 10-in. unarmored concrete curb;
  - (2) 528 lf. unarmored curb;
  - (3) 1650 sq. ft. one-course concrete sidewalk;
  - (4) 4000 sq. ft. 6-in. Class E concrete pavement;
  - (5) 2482 sq. ft. asphaltic concrete pavement consisting of a 4-inch asphalt concrete base and 2-inch asphalt wearing surface.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

**BIDS OPENED**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$24,122.50 submitted low bid to San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19029, for Section A of the Ocean Avenue Improvement project between San Jose and Harold Avenues.

The estimated cost is \$27,270. Bids submitted June 16 were rejected by the Department of Public Works. Low bidder was U. Peira & Sons, 375 Delano Ave., San Francisco, at \$24,202.

- The work involves:
- (1) 100 lf. armored concrete curb;
  - (2) 450 lf. curb reset;
  - (3) 100 lf. 10-inch VCP culvert, in place;
  - (4) one each, brick catchbasin with existing frame and grating;
  - (5) 2 each, brick catchbasins, complete.

- (6) one each, brick catchbasin rest or reconstructed;
- (7) 100 sq. ft. asphalt macadam sidewalk;
- (8) 2000 sq. ft. two-course concrete sidewalk;
- (9) 105,300 sq. ft. removing existing asphalt concrete wearing surface and replacing with 2-inch asphalt concrete wearing surface;
- (10) 55,000 sq. ft. removing existing asphalt concrete or concrete base and replacing with 6-in., 5-sack Class E concrete base;
- (11) 600 tons asphalt concrete base and leveling course;
- (12) 50 tons asphalt concrete conform pavement;
- (13) 2900 square feet asphalt concrete pavement, consisting of a 6-in. Class E 5-sack concrete base and a 2-inch asphaltic concrete wearing surface;
- (14) 3 each, street signs relocated.

- Total bids follow:  
 (A) Eaton & Smith, 715 Ocean Ave., \$24,122.50.  
 (B) Lowrie Paving Co., San Francisco, \$25,322.50.  
 (C) Fay Improvement Co., San Francisco, \$25,905.60.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$1.00	.87	\$.85
(2).....	.45	.40	.48
(3).....	2.00	2.50	2.42
(4).....	40.00	70.00	75.00
(5).....	100.00	90.00	85.00
(6).....	40.00	55.00	60.00
(7).....	.10	.08	.10
(8).....	.13	.13	.145
(9).....	.09	.095	.085
(10).....	.185	.165	.205
(11).....	5.00	4.00	5.15
(12).....	6.50	5.50	5.68
(13).....	.24	.24	.214
(14).....	3.00	6.00	2.50

**BIDS OPENED**

**SAN FRANCISCO.**—Fay Improvement Co. Phelan Bldg., at \$4,497.85, submitted low bid to Department of Public Works, Room 251, City Hall, under Spec. No. 19,050, for surfacing Front St. bet. Broadway and Green Sts. Estimated cost, \$3,707.

- The work will involve:  
 (1) 1900 ft. re-set stone block pavement;  
 (2) 275 tons asphaltic concrete binder;  
 (3) 30,500 sq. ft. 2-in. asphaltic concrete wearing surface;  
 (4) 200 lf. unarmored concrete curb;  
 (5) 1 brick catchbasin, complete;  
 (6) 35 lf. 10-in. VCP culvert, in place.
- Total bids follow:  
 (A) Fay Improvement Co.....\$4,497.85  
 (B) Chas. L. Harney.....4,655.00  
 (C) Eaton & Smith.....4,890.00  
 (D) Lowrie Paving Co.....4,990.00  
 (E) Pacific Pavements Co.....5,174.50

- Unit prices follow:
- |          | (A)     | (B)     | (C)     | (D)    | (E)    |
|----------|---------|---------|---------|--------|--------|
| (1)..... | \$ 1.40 | \$ 1.25 | \$ 1.15 | \$ .88 |        |
| (2)..... | 5.10    | 5.00    | 7.00    | 7.00   | 5.00   |
| (3)..... | .082    | .09     | .07     | .08    | .11    |
| (4)..... | .75     | .60     | .75     | 1.00   | .70    |
| (5)..... | 100.00  | 90.00   | 100.00  | 70.00  | 100.00 |
| (6)..... | 1.75    | 2.00    | 3.00    | 2.00   | 1.50   |
- COMPLETE BIDS**  
**LOS ANGELES, Calif.**—Concrete Engineering Co., Inc., 1450 Mirasol L. Los Angeles, submitted low bid to L. A. County Supervisors for reinforcing steel for use in construction of trash rack tower of San Gabriel Dam, No. 1.  
 The work involves:  
 (1) 204 cwt. 1½-in. sq. def.;  
 (2) 664 cwt. 1½-in. sq. def.;  
 (3) 204 cwt. 1-in. sq. def.;  
 (4) 410 cwt. 1-in. rd. def.;  
 (5) 206 cwt. ¾-in. rd. def.;  
 (6) 128 cwt. ½-in. rd. def.  
 F.o.b. Azusa, Calif.  
 Complete bids follow:  
 Concrete Engineering Co., Inc., 1450 Mirasol St., Los Angeles—(1) \$2,713,  
 (2) \$2,713, (3) \$2,713, (4) \$2,713, (5)

**ARIZONA—EARTHWORK, LINING, ETC.—(Govt.)**

**SALT RIVER PROJECT, Ariz.**—As previously reported, Gates & Huntley, 2120 Hyperion St., Los Angeles, at \$78,750, submitted the low bid to Bureau of Reclamation, R. F. Walter, Chief Engineer, Producer Bldg., Phoenix, under Spec. No. 937-D, for construction of earthwork, canal lining, and structures, Roosevelt power canal and additions to the diversion dam, Salt River Project, Arizona. Location of work, about 20 miles northwest of Globe.

- Complete bids follow:  
 (A) Gates & Huntley, L. A. \$78,750.00  
 (B) J. A. Terteling & Sons, Boise, Idaho..... 87,780.00  
 (C) Macco Const. Co., Clearwater..... 88,300.00  
 (D) O. F. Fisher, Phoenix..... 87,735.00  
 (E) Daley Corp., Phoenix..... 87,735.00  
 (F) Dan Teters & Co., Inc. 104,340.00  
 (G) Case Constr. Co., Alhambra..... 125,577.50

The quantities are:  
 (1) lump sum, diversion and care of river during construction and unwatering foundations;  
 (2) 12,700 cu. yd. excav. for canal, class 1;  
 (3) 3000 cu. yd. excav. for canal, class 2;  
 (4) 300 cu. yd. excav. for canal, class 3;  
 (5) 200 cu. yd. excav. for canal struc., class 1;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2300	\$3000	\$3000	\$3500	\$4000	\$1500	\$3000
(2).....	.70	.50	.60	.75	.50	.60	1.45
(3).....	1.00	1.00	1.00	1.25	1.20	1.00	2.40
(4).....	2.00	2.00	3.00	3.50	3.00	3.00	4.50
(5).....	1.00	2.00	1.50	2.00	2.00	1.00	4.50
(6).....	2.00	3.00	3.00	2.50	4.00	1.00	4.00
(7).....	4.00	3.00	4.00	4.00	5.00	4.00	5.00
(8).....	2.60	2.00	1.20	2.50	.80	2.50	1.35
(9).....	8.00	10.00	5.00	15.00	8.00	8.00	12.00
(10).....	5.00	5.00	5.00	2.00	2.00	12.00	9.50
(11).....	50.00	40.00	50.00	60.00	15.00	50.00	30.00
(12).....	.20	.40	.35	.30	.40	.40	.35
(13).....	1.50	.40	.30	1.00	1.50	.30	.35
(14).....	1.00	.40	.60	1.00	2.00	.60	.50
(15).....	25.00	25.00	50.00	38.00	40.00	50.00	60.00
(16).....	20.00	25.00	25.00	25.00	16.00	25.00	31.00
(17).....	15.00	25.00	40.00	25.00	15.00	18.00	30.00
(18).....	1.00	1.50	1.60	1.50	2.50	1.20	2.50
(19).....	.03	.03	.02	.03	.04	.04	.03
(20).....	4.00	2.00	5.00	3.00	4.00	3.00	4.00
(21).....	25	1.00	1.00	1.25	3.00	1.00	1.25
(22).....	100.00	50.00	50.00	100.00	50.00	50.00	150.00
(23).....	.10	.10	.10	.08	.30	.10	.10
(24).....	.07	.10	.15	.12	.13	.10	.10

\$2,813, (6) \$2,913; \$4983.85; discount base, \$4789, 7 1/2% 10th of month following invoice; total, incl. discount, \$4960.  
 Truscon Steel Co., Los Angeles—(1) \$2,7895, (2) \$2,7895, (3) \$2,7895, (4) \$2,7895, (5) \$2,8895, (6) \$2,9895; \$5,123.17; disc. base, \$5013.79; 1 1/2% 10 da. net 30 da.; total, incl. discount, \$5098.04.

Blue Diamond Corp., Ltd., Los Angeles—(1) \$2,80, (2) \$2,80, (3) \$2,80, (4) \$2,80, (5) \$2,90, (6) \$3; \$5142.20; disc. base, \$4995.60; 1 1/2% 10 da.; total, incl. discount, \$5117.67.  
 Soule Steel Co., San Francisco—(1) \$2,965, (2) \$2,965, (3) \$2,965, (4) \$3,065, (5) \$3,165; \$5442.50; disc. base, \$5133.10; 1 1/2% total, incl. discount, \$5168.44.

California Hardware Co., Beverly Hills—(1) \$2,972, (2) \$2,972, (3) \$2,972, (4) \$2,972, (5) \$3,075, (6) \$3,178; \$5,456.63; min carload quan of 80,000 lbs. f.o.b. cars Azusa 45 da. after receipt of order; disc. base, \$5338.23; 1 1/2% 10 da. on value of steel only; total, incl. disc., \$5420.84.

**30—RESERVOIRS & DAMS**

**CONTRACT AWARDED**  
**BONNEVILLE, Utah**—Gulpin Const. Co., Henry Bldg., Portland, awarded

- (6) 50 cu. yd. excav. for canal struc., class 2;
- (7) 70 cu. yd. excav. for canal struc., class 3;
- (8) 2800 cu. yd. excav., all classes, for additions to diversion dam;
- (9) 40 cu. yd. removing existing concrete in structure and canal lining;
- (10) 160 cu. yd. demolishing concrete in portion of crest of original diversion dam;
- (11) 40 cu. yd. removing existing concrete in tunnels;
- (12) 5300 sq. yd. trimming canal sections for concrete lining;
- (13) 1930 cu. yd. backfill about struc.;
- (14) 300 cu. yd. puddling or tamping backfill about struc.;
- (15) 380 cu. yd. concr. in canal struc.;
- (15a) 850 cu. yd. concrete in spillway apron of diversion dam;
- (16) 450 cu. yd. concrete in canal lining;
- (17) 70 cu. yd. concr. in tunnels;
- (18) 6200 cu. yd. grout;
- (19) 160,000 lbs. placing reinf. bars;
- (20) 100 sq. yds. dry rock paving;
- (21) 2160 l.f. drilling holes for anchors and grouting anchors in place;
- (22) 1 MFEM erecting timber in structure;
- (23) 6500 lbs. installing gate hoists;
- (24) 18,000 lbs. installing misc. metalwork.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$1.00	.87	\$.85				
(2).....	.45	.40	.48				
(3).....	2.00	2.50	2.42				
(4).....	40.00	70.00	75.00				
(5).....	100.00	90.00	85.00				
(6).....	40.00	55.00	60.00				
(7).....	.10	.08	.10				
(8).....	.13	.13	.145				
(9).....	.09	.095	.085				
(10).....	.185	.165	.205				
(11).....	5.00	4.00	5.15				
(12).....	6.50	5.50	5.68				
(13).....	.24	.24	.214				
(14).....	3.00	6.00	2.50				
(15).....				\$3500	\$4000	\$1500	\$3000
(15a).....				.75	.50	.60	1.45
(16).....				1.25	1.20	1.00	2.40
(17).....				3.50	3.00	3.00	4.50
(18).....				2.00	2.00	1.00	4.50
(19).....				4.00	5.00	4.00	5.00
(20).....				2.50	.80	2.50	1.35
(21).....				15.00	8.00	8.00	12.00
(22).....				2.00	2.00	12.00	9.50
(23).....				60.00	15.00	50.00	30.00
(24).....				.30	.40	.40	.35
(25).....				1.00	1.50	.30	.35
(26).....				1.00	2.00	.60	.50
(27).....				25.00	38.00	40.00	50.00
(28).....				25.00	16.00	25.00	31.00
(29).....				15.00	18.00	30.00	19.50
(30).....				1.50	2.50	1.20	2.50
(31).....				.03	.04	.04	.03
(32).....				3.00	4.00	3.00	4.00
(33).....				1.25	3.00	1.00	1.25
(34).....				100.00	50.00	50.00	150.00
(35).....				.08	.30	.10	.10
(36).....				.12	.13	.10	.10

contract by U. S. Engineer, Portland, at \$264,496, for constructing chain fender bick, emergency stop log storage areas, upper guide wall ext. section of R R track and embankment for same, chain fender and operating machinery, bridge platform and stairs, cut-off wall, elec. vault, 16-in. pipe drain from Monolith 25 to Tailwater, and other items to constitute a complete project at Bonneville. Bid No. 694-37-381.

**LOW BIDDERS**

**SALT RIVER PROJECT, Ariz.**—Gates & Huntley, 2120 Hyperion St., Los Angeles, at \$78,750 submitted the low bid to Bureau of Reclamation, R. F. Walter, Chief Engineer, Producer Bldg., Phoenix, under Spec. No. 937-D, for construction of earthwork, canal lining, and structures, Roosevelt power canal and additions to the diversion dam, Salt River Project, Arizona. Location of work, about 20 miles northwest of Globe.  
 Three low bids follow:  
 Gates & Huntley, L. A. \$78,750  
 J. A. Terteling & Sons, Boise, Idaho..... 87,780  
 Macco Const. Co., Clearwater, 88,300  
 Complete bids will be published shortly.

**BIDS WANTED**

**POTHOLES** Calif.—Until July 14, 2 p.m., bids will be received by R. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, Colo., for pipe bandrailing, and light standards for the Imperial Dam and deslting wks., All-American canal system, Boulder Canyon Project, f.o.b. Potholes. Materials will be installed by the Government.

Plans and specifications may be obtained from above office.

**BIDS WANTED**

**BONNEVILLE, Oregon**—Until July 8, 3 p.m., bids will be received by the District Engineer, U. S. Engineer Office, Bonneville, Oregon, for fabricating and installing sheet metal roofs, gutters, and louvers in three spillway dam control houses.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**DENVER, Colo.**—Bids for piping, storage tank and appurtenances for industrial and drinking water system for Imperial Dam and deslting wks., Spec. 532-D, opened by Bureau of Reclamation, were:

Eaton Metal Prod. Co., Denver—F.o.b. Denver, (2) \$2335; disc. 1/2%.  
King Bros., Portland—F.o.b. Portland, (2) \$2929.

Crane O'Fallon Co., Denver—F.o.b. Potholes, (1) \$7540; disc. 2%.

John W. Beam, Denver—F.o.b. Potholes, (1) \$6010, disc. 1/2%; f.o.b. Chicago, (2) \$2929; comb. bid, \$9999.

Pittsburgh—Des Moines Steel Co.—F.o.b. Des Moines, \$1750.

Berkeley Steel Constr. Co.—F.o.b. Berkeley, (2) \$1992; disc. 1/2%.

Southwest Welding & Mfg. Co.—F.o.b. Alhambra, (2) \$1232; disc. 1/2%.

Calif. Steel Prod. Co.—F.o.b. San Francisco, (2) \$1657.

Lacy Mfg. Co.—F.o.b. Los Angeles, (2) \$1990.

Grinnell Co., Los Angeles—F.o.b. Potholes, (1) \$7488.80; disc. 2%.

Viking Automatic Sprinkler Co.—F.o.b. Los Angeles, (1) \$7106.52; disc. 2%.

**LOS ANGELES—PAVE CRENSHAW BLVD.—CITY**

LOS ANGELES, Cal.—Tomel Construction Co., 4160 Madison Avenue, Culver City, submitted low bid to Los Angeles Board of Public Works, at \$7461.55, for grading, paving and improving Crenshaw Blvd. (west roadway), between Westmount Ave. and 700 ft. south of Westmount Ave., a Cash Contract. The work involves: (1) Lump sum, grading (including removal of exist. improvements and trees but not including excavation for retaining wall; 401 c.y. excav.; 245 c.y. fill); (2) 537 sq. ft. 6-in. conc. pave.; (3) 53 sq. ft. 8-in. conc. pave. (local depressions):

- (A) Tomel Construction Co.
- (B) Los Angeles Paving Co.
- (C) G. O. Gartz
- (D) Edw. Green
- (E) Hoffman Engineering & Construction Co.
- (F) Griffith Co.
- (G) Contracting Engrs.
- (H) Engineer's Estimate

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$660.00	\$700.00	\$675.00	\$416.85	\$750.00	\$600.00	\$1600.00	\$600.00
(2).....	.18	.19	.15	.18	.20	.22	.20	.20
(3).....	.25	.30	.25	.26	.30	.30	.20	.30
(4).....	.06	.05	.04	.06	.09	.06	.10	.05
(5).....	.75	.60	.40	.50	.60	.60	.80	.50
(6).....	1.00	1.00	.50	.60	.50	.75	1.20	.70
(7).....	.15	.15	.10	.12	.16	.15	.14	.14
(8).....	.18	.17	.12	.16	.18	.20	.16	.16
(9).....	80.00	80.00	50.00	75.00	75.00	100.00	120.00	75.00
(10).....	25.00	20.00	5.00	20.00	50.00	20.00	80.00	15.00
(11).....	\$500.00	\$340.00	\$200.00	\$600.00	\$600.00	\$260.00	\$900.00	\$520.00

- (4) 13,570 sq. ft. rock and oil roadway, 4-in. thick;
- (5) 54 Lf. unplastered light class curb;
- (6) 629 ft. integral curb and gutter;
- (7) 1884 sq. ft. one course sidewalk, 3 in. thick;
- (8) 113 sq. ft. 4-in., one course walk (driveways);
- (9) 1 catch basin and connecting drain;
- (10) 2 manholes to be reset;
- (11) Retaining wall and appurtenances including excav. backfill, haulaway, and 3-in. galv. pipe weepers.

The total bids were:

.....	\$7461.55
.....	7,742.39
.....	8,104.66
.....	8,785.05
.....	9,076.98
.....	9,737.59
.....	10,254.84
.....	7,760.94

**LOS ANGELES—PAVE PICO ST.—CITY**

LOS ANGELES, Cal.—Tomel Construction Co., 4160 Madison Ave., Culver City, submitted low bid to Los Angeles Board of Public Works, at \$6,060.85, for grading, paving and otherwise improving Pico St. at Main Street (southwest corner), a Cash Contract. The work involves: (1) Grading (350 c.y. excav.; 6 c.y. fill; incl. removal of existing improvements); (2) 6,175 sq. ft. asphaltic concrete pavement, 8 in. thick (6-in. asphalt. conc. base and 2-in. asphalt. conc. wearing surface); (3) 4708 sq. ft. asphalt. conc. wearing surface, variable thicknesses (average 4 1/2-in.); (4) 192 sq. ft. conc. pavement, 8 in. thick;

- (5) 250 lf. unplastered heavy class curb;
- (6) 26 lf. special curb;
- (7) 78 lf. curb armor;
- (8) 198 lf. curb bar;
- (9) 2340 sq. ft. one-course walk (3 in. thick);
- (10) 393 sq. ft. conc. gutter (8 in. thick);
- (11) 63 lf. house connection sewer;
- (12) culvert;
- (13) Removal existing ornamental lighting system with accessories and conduit installed.

The total bids were:

(A) Tomel Constr. Co.	\$6,060.85
(B) John S. Mitchell	6,194.23
(C) L. A. Pav. Co.	6,837.21
(D) Vido Kovacevich	6,983.33
(E) Griffith Co.	7,310.81
(F) Contracting Engrs.	8,711.25
(G) Engineer's estimate	7,057.76

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$650.00	\$450.00	\$700.00	\$750.00	\$900.00	\$2000.00	\$600.00
(2).....	.18	.18	.18	.24	.22	.20	.20
(3).....	.10	.11	.11	.15	.12	.15	.12
(4).....	.25	.30	.28	.24	.30	.30	.30
(5).....	.75	.70	.65	.75	.60	1.25	.70
(6).....	1.00	1.00	.75	.75	1.50	1.25	.75
(7).....	1.25	1.55	1.35	1.25	1.50	1.75	1.30
(8).....	.35	.25	.35	.40	.40	.75	.30
(9).....	.15	.12	.15	.17	.15	.18	.15
(10).....	.25	.30	.29	.35	.35	.25	.30
(11).....	2.00	1.25	2.50	2.00	2.00	1.60	2.00
(12).....	2620.00	2951.50	3040.00	2754.00	3020.00	2500.00	3290.00
(13).....	225.00	250.00	475.00	200.00	400.00	1000.00	450.00

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000 bbls.; Trinity Portland Cement Co., Dallas, Texas, \$2.09 bbl. for 200-000 bbls.; Universal Atlas Cement Co., Chicago, \$2.13 bbl. for 50,000 bbls.; Lone Star Cement Co., Dallas, Texas, \$2.25 bbl. for 50,000 bbls.; all discount \$10 bbl. 15 days.

**BID OPENING POSTPONED**

**SEATTLE, Wash.**—Until July 22, 10 a.m. (date postponed from July 1), bids will be received by the City Light Department, 216 City Light Bldg., Third and Madison Sts., Seattle, for furnishing 275,000 barrels of bulk cement, 1000 sacks cement for Ruby Dam Project.

Specifications from above office. Bids will be opened by the Board of Public Works, 511 County-City Bldg., W. B. Wolfendale, resident engineer.

**BID OPENING POSTPONED**

**SEATTLE, Wash.**—Until July 22, 10 a.m. (date postponed from July 1), bids will be received by J. D. Ross, City Light Bldg., 3rd and Madison Sts., Seattle, for the construction of a concrete arch dam 215 feet high in Ruby Canyon, Step No. 1 of three steps which will ultimately carry the dam to a height of 650 feet above bedrock.

Estimated cost, \$4,500,000. Step One involves construction of an arch dam in Ruby Canyon having elevation of 1150 feet from foundation or 1300 feet from sea level.

Work includes: diversion of river including tunnel through rock of canyon with erection of downstream and upstream cofferdam; stripping sites for rock; construction of dam to sea level elevation of 1300 feet.

Principal items include:

- (1) 200,000 c.y. rock and common excavation;
  - (2) 20,000 feet drilling of grout and drainage holes in foundation;
  - (3) 300,000 c.y. concrete;
  - (4) 22,000 ft. grout and drainage pipe with appurtenances;
  - (5) 300 tons structural steel.
- City will furnish cement. Test pit data to be furnished by City from Rolland's Bar, about four miles upstream from dam site where there is an ample deposit of suitable material. Contractor to furnish sand and gravel.

Steps Two and Three will follow completion of Step One. Step Two involves raising dam to elevation of 1500 feet above sea level. Step 3 consists of raising dam to ultimate elevation of 1725 feet above sea level.

The project will be financed in part with a PWA grant.

Plans and specifications obtainable from Engraving Division, Seattle City Light Dept., 216 City Light Bldg., Seattle, upon deposit of \$25.00.

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**FILLMORE, Ventura Co., Calif.**—Until July 6, 7-00 p.m., bids will be received by City Manager, Fillmore, for laying C I pipe. The work involves:

- (A) 75,000 ft. ditch and fill;
- (B) 10,150 sq. ft. cut 5-in. pave.;
- (C) Laying C I pipe, class 150;
- (D) 306 ft. 4-in.;
- (E) 3560 ft. 6-in.;
- (F) 17,678 ft. 8-in.;
- (G) 3456 ft. 10-in.;
- (H) Install 34 fire hydrants, 6-in.

Joints to be caulked with dry lute and cement. Separate bids to be received on items A, B, C and D.

An inspection trip has been planned for July 1 and interested contractors are asked to go over the project at that time.

Plans and specifications may be obtained from above office.

**YAKIMA COUNTY, WASH.—GRADING (Govt.)**

**YAKIMA COUNTY, Wash.**—C. E. Oneal Co., Inc., Ellensburg, Wash., submitted the low bid to U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for grading approximately 0.8633 mile on the Randle-Yakima Highway (east side) Grading Project 13-U, National Forest Road Project, Snoqualmie National Forest, Yakima County.

- The work involves:
- (1) all required extra and miscellaneous force account work;
  - (2) 10 acres clearing;
  - (3) 7 acres grubbing;
  - (4) 120,000 c.y. unclass. excav.;
  - (5) 75 c.y. unclass. excav. for struc.
  - (6) 1,000 c.y. unclass. excav. for borrow;
  - (7) 15,000 special overhaul;
  - (8) 1,000 c.y. mile special overhaul;
  - (9) 0.8633 mi. finishing earth graded road;
  - (10) 50 sq. ft. dangerous trees and snags;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
(2)	100.00	150.00	200.00	300.00	300.00	200.00	150.00	175.00	150.00
(3)	100.00	150.00	200.00	200.00	300.00	250.00	150.00	200.00	200.00
(4)	.26	.38	.40	.40	.43	.45	.50	.50	.51
(5)	1.00	2.00	2.00	1.50	1.50	2.50	2.00	2.00	2.00
(6)	.50	.50	.30	.40	.43	.50	.40	.35	.50
(7)	.03	.01	.02	.10	.02	.02	.03	.02	.03
(8)	.20	.18	.20	.30	.15	.20	.20	.15	.25
(9)	300.00	500.00	500.00	500.00	500.00	700.00	500.00	400.00	500.00
(10)	2.00	2.00	2.00	3.00	4.00	2.00	3.00	5.00	2.00
(11)	15.00	16.00	25.00	20.00	14.00	30.00	20.00	18.00	10.00
(12)	1.90	2.50	2.50	2.00	2.25	2.00	2.00	2.35	2.00
(13)	1.40	2.00	2.20	2.00	2.00	1.65	2.00	1.75	2.00
(14)	.60	1.00	1.00	1.00	1.00	.75	.40	1.50	1.00

**TULARE CO.—SURFACING—(State)**

**TULARE CO., Calif.**—Union Paving Co., Babcock Bldg., San Francisco, at \$24,250.00, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, for surfacing with armor coat and applying road-mix surface treatment to shoulders on about 10.3 miles of highway between Visalia and Starford's Corner (VI-Tul-133-129-A-E) in

Tulare County.

The work involves:

- (1) 40,000 sq. yds. preparing, mixing and shaping shoulders;
  - (2) 250 tons liquid asph., SC-4 (shoulders);
  - (3) 4,000 tons screenings (armor coat);
  - (4) 190 tons liquid asph., 90-95 (do).
- Complete bids follow:

(A) Union Paving Co., Babcock Bldg., San Francisco	\$24,250.00
(B) John Jercovich, Fresno	24,450.00
(C) L. A. Briscoe, Arroyo Grande	25,542.70
(D) N. M. Ball Sons, Berkeley	25,647.00
(E) Granite Constr. Co., Ltd., Watsonville	26,990.00
(F) Stewart & Nuss, Inc., Fresno	28,100.00
(G) Piazza & Huntley, San Jose	29,347.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ .0425	\$ .08	\$ 0.085	\$ 0.062	\$ 0.07	\$ 0.07	\$ 0.096
(2)	10.00	17.00	14.82	13.75	15.00	14.00	13.35
(3)	4.30	3.50	3.9625	4.00	4.16	4.50	4.42
(4)	15.00	20.00	17.80	17.00	20.00	20.00	21.00

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## TUOLUMNE &amp; ALPINE COS.—Bridges &amp; Grading—(Govt.)

TUOLUMNE & ALPINE COS., Calif.—Larsen Bros. & Harms Bros., 5220 21st Ave., Sacramento, at \$114,791.70 (Schedule A) and \$189,447.20 (Schedule B), submitted low bid to the Bureau of Public Roads, C. H. Sweedner, District Engineer, Federal Office Building, San Francisco, for 5.848 miles grading and construction of bridges and approaches on Section A of Hte. 87, the Clark Fork National Forest Highway, Stanislaus National Forest, Tuolumne and Alpine Counties.

Bids were taken on Schedule A (grading and draining structures), Schedule B (bridges and approaches), Schedule C (combined bids for Schedules A and C).

The work involves:

## SCHEDULE A

- (1) 34 A. clearing;
- (2) 34 A. grubbing;
- (3) 125,600 c.y. unclass. excav.;
- (4) 1,020 c.y. unclass. excav. for strucs.;
- (5) 53,000 sta. yds. overhaul;
- (6) 5,470 mi. fin. earth-graded rds.;
- (7) 72 c.y. cement rubble masonry;
- (8) 270 c.y. loose rock retaining wall;
- (9) 60 lf. 8-in. asphalt dipped C G S M P;
- (10) 1074 lf. 18-in. do.;
- (11) 1242 lf. 24-in. do.;
- (12) 508 lf. 30-in. do.;
- (13) 88 lf. 42-in. do.;
- (14) One spillway inlet, type A;
- (15) 226 lf. 8-in. perf. CSMP under-drain;
- (16) 75 sq. yds. mortar backfill seal;
- (17) 6 drop inlets, 18-in.;
- (18) 6 reinf. concrete inlet covers;
- (19) 54 culvert markers;
- (20) Force account—tree protection.

## SCHEDULE C

- (1) 36 A. clearing;
- (2) 36 A. grubbing;
- (3) 134,950 c.y. unclass. excav.;
- (4) 1,724 c.y. unclass. excav. for strucs.;
- (5) 54,000 sta. yds. overhaul;
- (6) 5.8 mi. finished earth graded road;
- (7) 328 c.y. class A concrete;
- (8) 179 c.y. class B concrete;
- (9) 100 c.y. class D concrete;

## SCHEDULE C

- |                                                             |              |
|-------------------------------------------------------------|--------------|
| (a) Larsen Bros. & Harms Bros., 5220 21st Ave., Sacto.      | \$189,447.20 |
| (b) Plombo Bros., San Francisco.                            | 197,889.30   |
| (c) George K. Thompson, Los Angeles.                        | 204,385.00   |
| (d) Lewis Construction Co. & Bodehamer Const. Co., Oakland. | 247,915.60   |
| (e) George Pollock Co., Sacramento.                         | 248,129.00   |
| (f) Ishell Construction Co., Reno.                          | 264,818.20   |

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	\$500.00	\$500.00	\$450.00	\$400.00	\$1000.00	\$500.00
(2)	50.00	200.00	150.00	100.00	100.00	100.00
(3)	.63	.63	.69	1.00	.90	1.15
(4)	4.00	4.00	3.00	4.00	6.00	2.50
(5)	.02	.02	.02	.03	.02	.02
(6)	300.00	500.00	700.00	500.00	750.00	300.00
(7)	40.00	38.00	40.00	50.00	40.00	40.50
(8)	40.00	32.00	38.00	35.00	30.00	39.00
(9)	45.00	40.00	35.00	40.00	40.00	42.25
(10)	.065	.08	.08	.07	.08	.08
(11)	.08	.10	.10	.10	.10	.16
(12)	200.00	100.00	125.00	200.00	125.00	200.00
(13)	25.00	25.00	20.00	30.00	28.00	18.00
(14)	15.00	20.00	20.00	35.00	17.00	16.00
(15)	15.00	15.00	20.00	20.00	12.00	12.00
(16)	5.00	12.00	12.00	16.00	6.00	6.00
(17)	1.50	1.50	1.50	1.50	1.25	1.70
(18)	2.50	2.40	2.50	2.65	2.00	2.70
(19)	3.60	3.70	3.50	3.70	3.00	3.80
(20)	5.00	5.00	5.00	4.75	3.50	4.70
(21)	8.00	8.00	7.50	8.00	7.00	8.00
(22)	25.00	25.00	20.00	25.00	20.00	25.00
(23)	2.25	2.00	1.50	1.60	3.00	3.00
(24)	1.00	1.50	2.50	1.00	1.00	.50
(25)	15.00	50.00	30.00	50.00	60.00	30.00
(26)	15.00	15.00	20.00	15.00	25.00	10.00
(27)	.60	.65	.70	.65	.70	.50
(28)	3.00	3.50	2.50	3.00	4.00	4.00
(29)	3.00	4.00	3.50	4.00	11.00	4.00
(30)	250.00	250.00	250.00	250.00	250.00	250.00
(31)	500.00	500.00	500.00	500.00	500.00	500.00

No bids were submitted on SCHEDULE B

## 32—SEWERS &amp; SEWAGE DISPOSAL PLANTS

## BIDS WANTED

BEVERLY HILLS, Los Angeles Co., Calif.—Until July 6, 8 p. m., bids will be received by Beverly Hills City Council for construction of west interceptor and laterals and additional drainage structure of the Olympic Blvd. storm drain. Estimated cost, \$31,599.60. The work involves:

- (1) 26 catch basins, No. 30;
- (2) 1 catch basin, No. 31;
- (3) 1 additional local depression, No. 4;
- (4) 13 manholes "KYZ";
- (5) 880.35 ft. 12-in. 16-ga. CIP;
- (6) 411.60 ft. 15-in. do.;
- (7) 717.10 ft. 18-in. do.;
- (8) 309.50 ft. 21-in. do.;
- (9) 1574.97 ft. 24-in. do.;
- (10) 915.17 ft. 36-in. do.;
- (11) 5284 c.y. excav.;
- (12) 11,743 sq. ft. 6-in. concrete pave.;
- (13) 2360 sq. ft. 4-in. concr. walks.

## BIDS OPENED

SACRAMENTO, Calif.—The following bids submitted to the Sacramento City Council for the improvement of 58th Street from the manhole in place, approximately 850 feet north of the north line of Folsom Blvd.:

- (1) 2 concrete manholes in place;
- (2) 100 lf. 6-in. vit. iron and stone sewer pipe;
- (3) 345 lf. 8-in. do.;
- (4) 485 lf. 10-in. do.;
- (5) 2 gutter drains in place.

J. W. Terrell, 2765 Donner Way Sacramento	(\$7.50)
.....	(2) 49.00
.....	(3) .88
.....	(4) 1.12
.....	(5) 1.28
Holdener Const. Co., Sacramento,	(1) 15.00
.....	(2) 58.00
.....	(3) .71
.....	(4) .78
.....	(5) 1.00

Bids held under advisement. Total bids not available at this time.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Bebek and Brich, 421 N. Record St., Los Angeles, awarded contract by Supervising Architect's Office, Washington, D. C., for \$7500 for construction sewers at the Federal jail, Terminal Island. Bids opened June 10.

June 29, 1930.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Bebek & Brich, Maywood, at \$7,500, awarded contract by Treasury Department, Washington, D. C., for sewer, etc., at the Federal Jail, Los Angeles.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Hoagland Engr. & Const. Co., First National Bank Bldg., Long Beach, was awarded contract by Los Angeles Board of Public Works at \$29,450 for constructing concrete work and appurtenances, including bar screen structures and incinerator at Terminal Island sewage treatment plant, San Pedro, PWA Project 5633, Unit 3H1.

## BIDS WANTED

OAKLAND, Calif.—Until July 13, 2 p. m., bids will be received by the Oakland City Council, W. W. Chapman, City Clerk, City Hall, Oakland, for vitrified clay sewer pipe. Estimated from the above office.

Plans and specifications may be rated cost, \$10,000.

**33— WATER WORKS**

**BIDS OPENED**

**SAN MATEO**, San Mateo Co., Cal.—Harvey E. Connors, 1222 Whipple Ave., Redwood City, at \$3991, submitted low bid to the San Mateo City Council, City Hall, San Mateo, for furnishing materials and digging trench for sewer in Beresford on 28th, 24th and 30th avenues, between Hacienda and de las Pulgas.

The work involves:

- (1) 5700 feet trenching;
- (2) 4500 lf. 6-in. vit. clay sewer pipe
- (3) 1200 lf. 8-in. do;
- (4) 36 wyes, 8x4;
- (5) 500 gal. emulsified asphalt;
- (6) 110 tons base rock;
- (8) 150 sacks cement;
- (9) 25 c.y. sand;
- (10) 75 manhole steps;
- (11) 15 cast iron frames and covers.

Total bids follow:

(A) Harvey E. Connors, Redwood City, \$3,991.00.

(B) W. J. Tobin, Oakland, \$4,845.50.

Unit bids follow:

(A)	(B)
(1).....\$ .22	\$ .25
(2)......25	.35
(3)......36	.50
(4)......10	1.50
(5).....2.00	3.00
(6)......125	.10
(7).....2.00	2.50
(8).....1.00	1.00
(9).....3.00	3.00
(10)......50	.50
(11).....25.00	20.00

Two other bids were submitted but not considered because one was late, and the second bidder asked that his bid be not considered.

**BIDS OPENED**

**SANTA CLARA CO.**, Calif.—A. J. Raisch, 358 Lincoln Ave., San Jose, at \$2,721, submitted low bid to the County Surveyors for the installation of corrugated culverts on Black road in Supervisor's District No. 5. Only other bid was submitted by Granite Construction Co., Watsonville, at \$2,750.

Engineer's estimate, \$1,987.  
Bids held under advisement.

**COMPLETE BIDS**

**BAKERSFIELD**, Kern Co., Calif.—Pomona Pump Co., 2000 1st Street, Bakersfield, at \$851.83 submitted low bid to V. Van Riper, City Clerk, Bakersfield City Council, for one turbine pump and motor, suitable for use at Central Park in Bakersfield.

Complete bids follow:

Pomona Pump Co., Bakersfield \$851.83	
.....field	877.41
Wintroath Pumps, Ltd., Bakersfield	953.51
Fairbanks Morse Agency, Bakersfield	953.51
Johnson Pump Co., Bakersfield	953.51
Peerless Bean Sales & Service Agency, Bakersfield	954.45
Kimball - Krogh Pump Co., Bakersfield	958.16

**34— PARKS AND PLAY GROUNDS**

**BID OPENING DATE POSTPONED**

**SAN FRANCISCO**.—Procurement Division, Public Buildings Branch, Washington, D. C., has postponed opening bids (postponed from June 17), for landscape work at the U. S. Mint, San Francisco. No definite date yet set.

**BID OPENED**

**MADERA**, Calif.—California Nursery Co., Niles, at \$830, submitted only bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Madera.

**BIDS OPENED**

**SAN DIEGO**, Cal.—Peterson Bros., Ingleswood, at \$4,698, submitted low bid to the Procurement Division, Washington, D. C., for seeding at the U. S. Coast Guard Air Station at San Diego.

Complete bids follow:

Peterson Bros., Ingleswood—\$4,698;	
Alt. (a), \$1,050.	
F W James, National City—\$4,891;	
Alt. (a), \$1,220.	
The Garden Center, Los Angeles—	
\$5,777; Alt. (a), \$4,337.	

**BIDS OPENED**

**SAN LUIS OBISPO**, Cal.—Granite Const. Co., Ltd., Watsonville, at \$3,212.24 submitted low bid to the State Division of Highways, District Engineer, San Luis Obispo County, for constructing tennis courts; furnishing and erecting court fences and nets; and painting playing lines.

Work involves:

- (1) 456 lf. tennis court fencing;
- (2) 12,960 sq. ft. tennis court surfacing;
- (3) 1 lot misc. items of work;
- (4) total.

Complete bids follow:

Granite Const. Co., Ltd., Watsonville	(1)	\$1,021.44
.....	(2)	2,068.80
.....	(3)	182.00
.....	(4)	3,212.24

F. C. Stolte Co., San Simeon	(1)	\$1,162.80
.....	(2)	2,851.20
.....	(3)	150.00
.....	(4)	4,164.00
Pacific Fence Const. Co., Los Angeles	(1)	\$ 850.00

**BIDS WANTED**

**SAN JOAQUIN CO.**, Calif.—Until July 12, 11 a. m., bids will be received by Eugene D. Graham, County Clerk, San Joaquin County Courthouse, Stockton, for construction of a chain link fence to be installed at San Joaquin County Fair Grounds, Stockton. Estimated cost, \$3,700.

The work involves:

- (1) 264 lf. chain link fence with top rail;
  - (2) 46 lf. swing drive gates.
- Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

**LODI**, San Joaquin Co., Calif.—California Nursery Co., Niles, at \$1,659.85, awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Lodi.

**CONTRACT AWARDED**

**SAN FRANCISCO**.—California Nursery Co., Niles, at \$3,202.57, was awarded contract by the Procurement Division, Washington, D. C., for planting the grounds of Federal Office Building at San Francisco.

**LANE COUNTY, OREGON—SURFACING—(Govt.)**

**LANE CO.**, Oregon.—Colonial Construction Co., W. 326 First St., Spokane, at \$124,590 (metal pipe) and \$124,665 (concrete pipe), submitted low bid to Bureau of Public Roads, 316 New Post Office Bldg., Portland, for grading 0.740 ml., surfacing 2,721 ml. and advance clearing 0.314 ml. on the Willamette Highway Grading, Surfacing and Advance Clearing Project, 21-H2-12, J. K. National Forest Road Project, Lane Co., Ore.

- (1) Extra and misc. force account work (lump sum);
- (2) 5 A. clearing;
- (3) 10 A. grubbing;
- (4) 270,000 c.y. unclass. excav.;

- (5) 600 c.y. unclass. excav. for structures;
- (6) 1000 c.y. unclass. excav. for borrow;
- (7) 24,000 sta. yds. special overhaul;
- (8) 1,000 c.y. mt. special overhaul;
- (9) 20 c.y. foundation fill;
- (10) 1 A. roadside cleanup;
- (11) 40 sq. ft. dangerous trees and snags;
- (12) 7,500 c.y. heavy gravel base course, 4-in. material;
- (13) 3,500 c.y. heavy gravel base course, 2-in. material;
- (14) 26 c.y. class A concrete;
- (15) 2,600 lbs. reinf. steel;
- (16) 3,000 lbs. structural steel;

- (17) 300 lf. 18-in. std. reinf. concr. culv. pipe (Alt. 253 (1));
- (18) 300 lf. 18-in. bit. coated corrug. sheet metal pipe, Type 1;
- (19) 440 lf. 48-in. bit. coated corrug. sheet metal pipe, Type 1;
- (20) 230 lf. 18-in. corrug. galv. sheet metal pipe (spillways);
- (21) 1000 lf. 8-in. bit. coated perf. corr. sheet metal pipe under-drain, Type 2;
- (22) 50 sq. yds. paved culvert inlets, Type 1;
- (23) 120 lf. exploration tunnels.

Total bids follow:

- (1) Metal pipe; (2) Concrete pipe.

(A) Colonial Construction Co., Spokane	(1)	\$124,590.00
.....	(2)	124,665.00
(B) Kern & Kibbe, Portland, Oregon	(1)	127,238.00
.....	(2)	127,253.00
(C) Parker-Schram Co., Portland, Ore.	(1)	132,761.50
.....	(2)	132,911.50
(D) E. L. Gates, Trail, Oregon	(1)	148,491.10
.....	(2)	148,521.10
(E) Guthrie-McDougall Co., Portland, Ore.	(1)	150,206.00
.....	(2)	150,296.00
(F) E. C. Hall Co., Eugene, Oregon	(1)	150,399.50
.....	(2)	150,474.50
(G) Elliott & Co., Inc., Seattle, Wash.	(1)	157,940.00
.....	(2)	158,090.00
(H) Kuckenbergh-Wittman Co., Inc., Portland, Oregon	(1)	158,866.00
.....	(2)	159,016.00
(I) Sam Orino, Bonneville, Oregon	(1)	160,970.50
.....	(2)	161,045.50

(J) Leonard & Slate, Multnomah, Oregon .....	(1)	165,180.00
	(2)	165,330.00
(K) McNutt Bros., Eugene, Oregon.....	(1)	167,885.00
	(2)	167,960.00
(L) A. C. Greenwood Co., Inc., Portland, Oregon .....	(1)	172,990.00
	(2)	173,140.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$500.00	\$500.00	\$500.00	\$300.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
(2)	400.00	400.00	350.00	500.00	450.00	400.00	500.00	450.00	400.00	600.00	500.00	600.00
(3)	400.00	350.00	350.00	400.00	450.00	400.00	500.00	450.00	500.00	500.00	400.00	600.00
(4)	.37	.39	.40	.46	.44	.46	.48	.47	.49	.50	.52	.53
(5)	1.50	1.50	2.00	1.25	1.50	1.00	1.50	1.50	1.50	2.00	2.00	1.50
(6)	.37	.40	.30	.30	.44	.30	.40	.47	.45	.30	.30	.53
(7)	.03	.02	.015	.03	.05	.05	.08	.02	.10	.01	.02	.04
(8)	.20	.25	.15	.20	.25	.20	.30	.20	.20	.10	.20	.30
(9)	2.00	2.00	1.50	2.00	4.00	5.00	5.00	1.50	1.00	2.00	5.00	3.00
(10)	300.00	300.00	300.00	100.00	400.00	200.00	450.00	450.00	200.00	500.00	500.00	400.00
(11)	3.50	2.00	2.00	.75	3.00	2.00	3.00	3.00	5.00	4.00	2.00	3.00
(12)	.65	.40	.55	.50	.95	.50	.60	1.00	.65	.75	.40	.50
(13)	.65	.40	.75	.75	1.10	1.00	.60	1.10	.70	.75	.75	.80
(14)	30.00	30.00	40.00	35.00	35.00	30.00	30.00	40.00	30.00	40.00	40.00	30.00
(15)	.10	.10	.07	.08	.10	.07	.10	.06	.08	.10	.08	.10
(16)	.15	.10	.08	.10	.15	.08	.20	.10	.10	.10	.15	.10
(17)	2.75	2.15	3.00	2.10	2.65	2.50	3.00	3.00	2.50	2.50	2.50	3.50
(18)	2.50	2.10	2.50	2.00	2.35	2.25	2.50	2.50	2.25	2.00	2.25	3.00
(19)	8.00	10.00	10.00	10.00	9.55	11.00	5.50	14.00	9.00	12.00	8.50	12.00
(20)	2.00	1.60	1.65	1.4	1.80	1.75	2.00	2.00	1.75	2.00	1.90	2.00
(21)	1.40	9.00	1.50	1.10	1.45	1.20	1.25	1.00	1.25	1.50	2.00	1.50
(22)	3.00	5.00	3.00	4.00	4.00	5.00	15.00	5.00	2.00	5.00	9.00	5.00
(23)	5.00	10.00	10.00	6.00	10.00	10.00	8.00	5.00	15.00	10.00	25.00	7.00

YUMA—PILOT KNOB CHECK & WASTEWAY—(Govt.)

ALL-AMERICAN CANAL. — As previously reported, V. R. Dennis, P.O. Box B, Station A, San Diego, at \$314,519, submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., for construction of the Pilot Knob check and wasteway, Sta. 1093 plus 92, All-American Canal, Boulder Canyon Project. Location of the work is about 5 miles west of Yuma.

The work involves:

- (1) 517,700 c.y. excav. for wasteway channel;
- (2) 2500 c.y. excav. for temporary R R location;
- (3) 12,500 c.y. excav. for roads;
- (4) 9500 c.y. excav. for drainage channels and dikes;
- (5) 45,150 c.y. excav. of temporarily unexcav. section of canal at Sta. 1075 plus 50;
- (6) 10,250 c.y. excav. for struts;
- (7) 500 c.y. compacted fills;
- (8) 37,500 c.y. backfill about strut;
- (9) 5000 c.y. puddling or tamping backfill about strut;
- (10) 7810 c.y. concr. in struc., except flr slabs;

- (11) 4560 c.y. concr. in flr slab;
- (12) 1,830,500 lbs. placing reinf. bars;
- (13) 5840 sq. ft. installing elastic joint filler material;
- (14) 6285 ft. installing rubber water stops;
- (15) 1720 sq. yds. dry rock pav.;
- (16) 2100 c.y. riprap;
- (17) 440 c.y. constr. reverse filters;
- (18) 300 ft. laying 6-in. underdrains with uncm. joints;
- (19) 780 ft. constr. 6-in. C I pipe outlet drains and risers;
- (20) 86,000 lbs. erecting struc. steel in R R bridge;
- (21) 12 MFB Merecting timber in RR bridge;
- (22) 8 MFEM constr. timber railings;
- (23) 7000 lbs. install. pipe handrails;
- (24) 209,400 lbs. install. radial gates;
- (25) 49,200 lbs. install radial gate hoists and operating and control mechanisms;
- (26) 100 cwt. placing bit material in float drums;
- (27) 22,600 lbs. install miscel. metal work;
- (28) 3280 constr. engine house except concrete, lump sum;

- (29) 1700 ft. install elec. metal conduit 1 -in. or less in diam.;
  - (30) 2100 ft. install elec. metal conduit more than 1 -in. in diam.;
  - (31) 500 lbs. install elec. conductors;
  - (32) 4000 lbs. install elec. apparatus.
- The total bids were:
- (A) V. R. Dennis Constr. Co., San Diego—\$314,519.
  - (B) J. A. Terling & Sons—\$357,572.
  - (C) Gals & Huntley, Los Angeles—\$361,13.50.
  - (D) Metropolitan Constr. Co., Los Angeles—\$398,326.
  - (E) T. S. Allen, Los Angeles—\$406,088.
  - (F) S. J. Groves & Sons Co. and Lundin Bros., Minneapolis—\$416,360.
  - (G) W. E. Callahan Constr. Co., Los Angeles—\$427,102.
  - (H) Stroud-Seabrook—\$443,085.
  - (I) Atlas Constr. Co. and C. F. Robbins, Pasadena—\$469,600.
  - (J) Geo. Pollock Co., Sacramento—\$472,318.50.
  - (K) Morison-Knudsen Co., Los Angeles—\$485,169.25.
- The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	135	21	22	25	385	28	27	28	38	30	33
(2)	30	21	20	25	40	35	30	28	50	20	40
(3)	35	21	20	25	20	30	18	30	40	20	20
(4)	17	21	15	25	15	20	12	20	30	20	11
(5)	15	21	17	25	25	25	14	20	30	20	14
(6)	70	50	40	100	150	100	80	100	150	60	150
(7)	85	1.00	.50	.50	.50	.50	1.00	1.00	.60	.50	1.00
(8)	.25	.15	.30	.25	.25	.20	.25	.20	.36	.20	.23
(9)	.35	.40	.40	.50	.40	.25	.25	.30	.40	.40	.40
(10)	15.00	16.00	15.00	15.50	10.00	15.00	16.70	21.00	15.00	20.00	21.00
(11)	8.50	10.00	9.00	9.00	6.00	10.00	13.70	8.00	8.00	10.00	9.50
(12)	.012	.0125	.015	.02	.013	.02	.015	.015	.016	.016	.017
(13)	.15	.25	.50	.25	.25	.25	.50	.40	.50	.75	.50
(14)	.40	.25	.50	.50	.40	.30	.50	.50	.60	1.00	.75
(15)	1.75	1.00	3.25	1.50	2.40	2.00	3.50	2.25	3.00	5.00	2.25
(16)	3.50	3.00	2.00	3.00	2.50	1.50	2.50	3.00	2.50	3.00	1.75
(17)	5.00	4.00	4.00	3.00	2.00	5.00	5.00	3.00	2.50	4.00	4.00
(18)	.40	.50	.30	1.00	.50	1.00	.50	.50	.50	.40	.50
(19)	1.00	.50	.50	1.00	1.00	1.00	.50	.50	.50	1.25	.80
(20)	.02	.03	.02	.03	.0275	.04	.025	.02	.02	.03	.015
(21)	30.00	40.00	50.00	50.00	50.00	50.00	40.00	40.00	50.00	35.00	40.00
(22)	55.00	40.00	70.00	50.00	40.00	75.00	40.00	50.00	80.00	60.00	60.00
(23)	.07	.10	.10	.10	.10	.10	.06	.10	.08	.12	.07
(24)	.035	.03	.02	.03	.02	.04	.04	.03	.04	.06	.07
(25)	.07	.03	.04	.03	.05	.05	.06	.08	.05	.06	.07
(26)	1.50	1.00	4.00	5.00	1.00	10.00	1.00	3.00	3.00	1.00	1.00
(27)	.08	.03	.10	.03	.06	.10	.10	.10	.09	.12	.10
(28)	250.00	500.00	100.00	500.00	96.50	550.00	500.00	300.00	400.00	400.00	300.00
(29)	.23	.10	.15	.10	.15	.25	.20	.20	.25	.20	.30
(30)	.30	.20	.25	.10	.30	.30	.25	.25	.30	.60	.50
(31)	.60	.20	.30	.10	.25	.25	.75	.50	.40	.30	1.00
(32)	.10	.10	.10	.10	.20	.10	.10	.06	.25	.30	.15

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**FORT MASON.**—Until July 12, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-37-464, for furnishing cotton rope, cotton twine cloths, handhole plates for R & W boiler, parts for Lidgetwood winches, and one brass chronometer valve, f.o.b. Fort Mason and/or bidder's shipping point.

## SAN FRANCISCO CITY

**SAN FRANCISCO.**—Until July 16, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1847, for furnishing science laboratory supplies for the San Francisco Junior College. Specifications obtainable from above office.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until July 13, 10 A. M., bids will be received by Metropolitan Water District, Los Angeles, for 107,000 lbs. copper bars and tubes for use as electric conductors for busses and grounds. Spec. 223.

**LOS ANGELES, Cal.**—Until July 9, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for insulated copper wire. Spec. 2244:

- (1) 25,000 ft. No. 12 solid perfonite 35% grade wire, braid covered, color black;
- (2) 10,000 ft. do, color red;
- (3) 5000 ft. No. 6, single conductor, 7-strand code rubber insulated wire, braid covered, color black;
- (4) 12,000 ft. No. 12 solid flameproof varnished cloth and asbestos insulated wire.

## RECLAMATION BUREAU

**DENVER, Colo.**—Until July 12, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. 943-D, for six 200-kva, 2,400 to 277/480-Y-volt transformers for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. The apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office.

**DENVER, Colo.**—Until July 12, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. A-22047-A, for spiral stairway and railing.

Plans and specifications obtainable from the above office.

## WAR DEPARTMENT

**SAN FRANCISCO, Calif.**—Until July 7, 3 p. m., bids will be received by U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for photostat service.

Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND.**—Until July 6, 2 p. m., bids will be received by the U. S. Forest Service, Frank Haynie, Supply Officer, Forest Ser-

vice Supply Depot, Government Island, Oakland, under Bid No. 4949, for furnishing one overhead track for trolley and one channel bumper for door, f.o.b. bidder's shipping point and/or Redding. Specifications obtainable from above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Until July 6, 10 a. m., bids will be received by the Treasury Department, Procurement Office, 49 Fourth St., San Francisco, for rental of equipment as follows: BID NO. 4226—One 5-ton low-bed truck for use on the exposition landscaping project, Havelock & Edna Sts., San Francisco.

BID NO. 4225—One 1000-gal. pneumatic tired tank truck, for use on the exposition landscaping project, Havelock and Edna Sts. Specifications obtainable from the above office.

## SONOMA COUNTY

**SUISUN CITY.**—Until July 6, 8 p. m., bids will be received by the City Council, A. N. Trainor, City Clerk, Suisun City Hall, for furnishing 300 feet of 2½-in. gum-dipped fire hose; 200 feet of 1½-in. gum-dipped fire hose; and three extension fire ladders, 24 ft., 32 ft., and 40 ft. long. Specifications obtainable from City Clerk Trainor.

**SUISUN CITY.**—Until July 6, 8 p. m., bids will be received by the City Council, A. N. Trainor, City Clerk, Suisun City Hall, for furnishing one new three-quarter ton pickup truck. Specifications obtainable from City Clerk Trainor.

## MET. WATER DISTRICT

**LOS ANGELES, Calif.**—Until July 15, 10 a. m., bids will be received by Metropolitan Water District Purchasing Agent for SALE of miscellaneous machinery, including Jeffries electric locomotives, cement guns, Conway muckers, switchboard and rack parts for Goodman electric locomotive, transformers, and U. S. electric motor; Bid SM-288.

Plans and specifications obtainable from above office.

## WAR DEPARTMENT

**SAN FRANCISCO, Calif.**—Until July 6, 3 p. m., bids will be received by Lieut.-Col. J. A. Dorst, District Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, for rental of equipment as follows:

BID NO. 568-37-312—Steam bolst; dragline complete with one cubic yard bucket and one assembly plant for two months. Delivery f.o.b. Fort Bragg.

BID NO. 568-37-310—One 70-hp. tractor-bulldozer with operator for 50 hours. Del. f.o.b. Fort Bragg.

**SACRAMENTO, Calif.**—Bids will be received as follows by the U. S. Engineer's Office, Lieut.-Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials as follows:

July 9, 3 P. M.  
BID NO. 1167-256—20,000 feet of blasting fuse, triple tape, water-proof; f.o.b. Sacramento.

July 13, 3 P. M.

BID NO. 1165-37-257—Shackles, bolts, cable cutters, etc.; f.o.b. Sacramento.

Specifications obtainable from the above office.

**SAN FRANCISCO, Calif.**—Until July 8, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Spec. No. 868-37-309, for furnishing drain tile; f.o.b. Reservoir Site, Yerba Buena Island.

Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL.**—Until July 15, 10:30 a. m., bids will be received by The Panama Canal, H. A. A. Smith, General Purchasing Officer, Washington, D. C., for furnishing Corrugated Metal Roofing and Ridge Roll, Roofing Straps and Clips, Steel Windows, Wire Glass, Floor and Wall Tile, Fencing Material, Automatic Saw-Filing Machine, Trailers, Bolts, Nuts, Rivets, Electrical Cable, Wire, Electric Drills, Watthour Meters, Ceiling-type Electric Fans, Cartridge Fuses, Outlet Boxes, Copper Connectors, Gas Cylinders, Wheelbarrows, Electric Wall Clocks, Monotype Metal Fire Hose, Toilet Soap, Hectograph Paste, Waste-paper Baskets, Manila Shipping Tags, and Paper Towels.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

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## IN THIS ISSUE



### MacDonald and Kahn Bid Reservoir Lining



State Advertises Four Highway Contracts



Building Permits, Advance Reports  
of Building and Engineering  
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JOB  
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SAN FRANCISCO, CALIF., JULY 10, 1937

No. 25

## BID \$793,000 FOR ROOFING, LINING WORK

### 7 Proposals for Sunset Con- tract Submitted to Utilities Commission

MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, yesterday submitted a low bid of \$793,397 to the San Francisco Public Utilities Commission for construction of concrete lining, roof and control works at the new Sunset reservoir.

The second large San Francisco project for which the firm has submitted low bid during the past three weeks, the reservoir job is the final major contract in the utilities commission's current program of enlargement of water supply facilities.

MacDonald and Kahn Co. last month was awarded the \$1,658,510 general contract for construction of the San Francisco terminal for the bay bridge interurban railway.

#### Total Bids

Total bids for the reservoir lining and roofing were as follows:  
MacDonald & Kahn.....\$793,397  
Chas. L. Harney.....793,221  
R. G. Clifford.....801,559  
Eaton & Smith.....809,193  
Clinton Const. Co.....111,684  
Barrett & Hill.....824,640  
Gay F. Atkinson.....868,681  
K. E. Parker.....960,604

The difference between the bids of MacDonald & Kahn and Harney, observers pointed out, was accounted for in the last item, for sealing 43,500 feet of construction joints. On this item MacDonald & Kahn bid six cents, while Harney's figure was 23 cents.

## HEATING BOILERS STANDARD ISSUED

The Division of Simplified Practice of the National Bureau of Standards has announced that printed copies of Simplified Practice Recommendation R 157 - 37, Steel Horizontal Firebox Heating Boilers, are now available. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

## BAR REQUESTS FOR PWA FUNDS

Under terms of the act continuing existence of the Federal Public Works Administration for an additional two years, further applications for funds were barred last week, according to press advices from Washington.

As the 1937 fiscal year came to a close, PWA had on hand some 4271 applications on the approved list. Of these it will be able to provide financial assistance to less than half. PWA officials were quoted as saying that projects costing about \$204,000,000 probably would be finally approved. Eligible projects include reconstruction or replacement of 1172 "hazardous" schools.

## 11 Western States Act to Participate In 1939 Exposition

Cohosts with California in entertaining visitors to the 1939 Golden Gate International Exposition, the ten other states of the West today had taken steps to participate actively in the World's Fair of the West.

Arizona, with an appropriation of \$15,000, is the latest state to arrange for an exhibit on Treasure Island, Bay site of the Exposition.

Other states of the West to make appropriations are: California, \$5,000,000; Nevada, \$25,000; Utah, \$25,000, and Oregon, \$60,000.

Washington and Idaho have earmarked sums from state advertising funds for participation.

Colorado, Montana, New Mexico and Wyoming have appointed Exposition commissions with power to investigate and recommend.

In the Midwest, Illinois and Missouri have each passed appropriation bills of \$100,000.

Additional states providing Exposition commissions are: Arkansas, Florida, Iowa, North Carolina, Wisconsin and Michigan. In Texas, the state planning board will act as an Exposition commission.

## BIDS JULY 28 ON FOUR STATE HIGHWAY JOBS

### Two Bridges, Oil Treatment Project, Seal Coat Job Up for Proposals

SACRAMENTO, July 6.—State Highway Engineer C. H. Purcell today issued four calls for bids, all to be opened July 28, for construction of two bridges, 1.2 miles grading and penetration oil treatment, and applying seal coat to about 18 miles of highway.

Largest contract is for construction of a concrete slab bridge across the Scott River about one mile southwest of Fort Jones in Siskiyou County.

The bridge will consist of four 30-ft. 6-in. spans and two 23-ft. spans on concrete pile bents. Also included in the contract is approach work entailing grading and surfacing of about four-tenths of a mile of roadway.

#### Kern County Bridge

The other bridge will be constructed across Poso Creek about 12 miles north of Bakersfield in Kern County. It will be a reinforced concrete slab bridge consisting of two 32-ft. 6-in. spans and two 24-ft. 6-in. spans on concrete pile bents. Approach work includes grading about two-tenths of a mile of roadway.

The third job involves applying seal coat to about 18 miles of highway between Douie and the Nevada State line in Lassen and Sierra Counties. The contract calls for 355 tons of liquid asphalt, type 90-95; and 4,200 tons screenings.

Grading and applying penetration oil treatment to about 1.2 miles of highway between southern boundary and Point Arena in Mendocino County are involved in the fourth job for which bids were called.

Shipments of galvanized tanks for hot water heaters during the first five months of 1937 totaled 121,757, as compared with 64,011 during the corresponding period last year, according to the census bureau.

# PERMITS AND CONTRACTS

204 Gellert	Standard	7000
205 Gellert	Standard	7000
206-07 Johnson	Owner	4000
208 Kaufman	Cowan	4000
209 Keeley	Owner	1000
210 Rohde	Bowman	1000
211 Savasta	Plagge	1960
212 Schwartz	Kelly	3000
213 Barber	Jacks	40000
214 Carthe	Zincand	6000
215 Hoeffler	Owner	3000
216 Hoeffler	Owner	3000
217 Iris	Coburn	1000
218 Dunn	Jensen	6000
219 Rubin	Unit-Bilt	3500
220 Thom	Coburn	3000
221 Unlon	Early	4000
222 Bohm	Owner	1623
223 Halvorsen	Hall	1250
224 Texas	Aetna	1000
225 Turner	Elkington	1350
226 Vaux	Stendell	3500
227 Christensen	Owner	4500
228 Christensen	Owner	4500
229 Doyle	Phoenix	1000
230 Hanson	Owner	1350

**DWELLING**  
(204) E. GUERRERO, 237 S 15TH ST. Two-story and basement frame dwelling.  
Owner—Carl Gellert, 1500 Judah St.  
Contractor—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$7000

**DWELLING**  
(205) E. GUERRERO, 210 S 15TH ST. Two-story and basement frame dwelling.  
Owner—Carl Gellert, 1500 Judah St.  
Contractor—Standard Bldg. Co., 1500 Judah St.  
Architect—Not Given. \$7000

**DWELLING**  
(206) S. VICENTE, 95 W 17TH AVENUE. One-story and basement frame dwelling.  
Owner—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4000

**DWELLING**  
(207) S. VICENTE, 89 E 18TH AVENUE. One-story and basement frame dwelling.  
Owner—S. F. Johnson, 600 Wawona.  
Architect Not Given. \$4000

**ALTERATIONS**  
(208) 123 KEARNEY ST. Alter store building.  
Owner Iva Kaufman, Prem.  
Contractor—Cowan Show Case and Fixture Co., 2335 E 27th St., Los Angeles.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(209) 67 HATTIE ST. Alter flats.  
Owner—Carolyn Keeley, 59 Hattie St.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(210) 310 EUREKA. Alter dwelling.  
Owner Edna Rohde, Prem.  
Contractor M. M. Bowman, 118 Church St.  
Architect Not Given. \$1000

**ALTERATIONS**  
(211) 390 DELAND AVE. Alter restaurant.  
Owner M. A. Savasta, Prem.  
Contractor—Albert A. Plagge, 1401 Grove St.  
Architect—Not Given. \$1960

**DWELLING**  
(212) W. 19TH AVE., 173 S. LINCOLN WAY. One-story and basement frame dwelling.

Owner—Ray Swartz, Prem.  
Contractor—Robert P. Kelly, 1434 Lawton St.  
Architect—Not Given. \$3000

**LAUNDRY**  
(213) S. PACIFIC AVE., 167 WEST LARKIN ST. One-story Class C Laundry.  
Owner—J. Barbe & Co., 1533 Pacific Ave.  
Contractor—Jacks & Irvine, 620 Market St.  
Engineer—Hunt Mirk & Co., 141 2nd St. \$40,000

**DWELLING**  
(214) S. BELGRAVE, 371 E STAN-YAN. One-story and basement frame dwelling.  
Owner—W. E. Carter, 468 Belgrave.  
Contractor—Ed. Zincand & Son, 667 36th Ave.  
Architect—Not Given. \$6000

**FLATS**  
(215) E. CALHOUN, 69 S UNION. Two-story and basement frame flats.  
Owner—J. W. Hoeffler, 22 Alta St.  
Architect—Not Given. \$5000

**FLATS**  
(216) E. CALHOUN, 69 S UNION (Rear). Two-story and basement frame flats.  
Owner—J. W. Hoeffler, 22 Alta St.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(217) 1026 MARKET ST. Alter offices.  
Owner—Iris Securities Co., c/o Contractor.  
Contractor—Ira W. Coburn, 2048 Market St.  
Architect—Not Given. \$10,000

**DWELLING**  
(218) 9TH AVE., 157 E 12TH AVE. Two-story and basement frame dwelling.  
Owner—Dunn, c/o Contractor.  
Contractor—E. F. Jensen, 1257 20th Ave.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(219) 777-79 MARKET ST. Alter store.  
Owner—A. Rubin, Prem.  
Contractor—Unit-Bilt Fixture Co., 243 7th St.  
Architect—Not Given. \$3500

**ALTERATIONS**  
(220) NE 19TH AVE. AND RIVERA. Alter dwelling.  
Owner—W. Thom, 2194 19th Ave.  
Contractor—Ira W. Coburn, 2048 Market St.  
Engineer—T. S. Boehm, 2048 Market St. \$3000

**SERVICE STATION**  
(221) SE COR. LA PLAYA AND LINCOLN WAY. Service station.  
Owner—Union Oil Co., Mills Tower.  
Contractor—Fred J. Early, Jr., 369 Pine St.  
Architect—Not Given. \$4000

**DWELLING**  
(222) N. IGNACIO AVE., 50 E OF GILROY. One-story frame dwelling.  
Owner—J. Eohn, 1701 Gough.  
Architect—Not Given. \$1623

**ALTERATIONS**  
(223) 1109 WISCONSIN. Alter dwelling.  
Owner—H. J. Halvorsen, Prem.

Contractor—Hugh Hall, 2288 Third Street.  
Architect—Not Given. \$1250

**ALTERATIONS**  
(224) SW COR. OCEAN AVE. AND FAXON AVE. Alter garage.  
Owner—The Texas Co., 817 Hearst Bldg.

Contractor—Aetna Constr. Co., 1730 24th Ave.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(225) 1211 33RD AVE. Alter dwelling.  
Owner—R. W. Turner, Prem.  
Contractor—G. J. Elkington, 1291 33rd Ave.  
Architect—Not Given. \$1350

**ALTERATIONS**  
(225) 830 VALENCIA ST. Alter store.  
Owner—F. De Vaux, Prem.  
Contractor—Elvin C. Stendell, 2143 Kirkham.  
Architect—Not Given. \$3500

**DWELLING**  
(227) E 22nd AVE. 35 N Judah St. One - story and basement frame dwelling.  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,500

**DWELLING**  
(228) E 22nd AVE, 60 N Judah St. One - story and basement frame dwelling.  
Owner and Builder—Herman Christensen, 1801 19th Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,500

**ALTERATIONS**  
(229) 101 DRUMM ST. Alter store.  
Owner—Doyle Estate, c/o contractor.  
Contractor—Phoenix-Simpton Co., 520 Sixth Street.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(230) 521 DEWEY BLVD. Alter dwelling.  
Owner and Contractor—O. C. Hanson, 521 Dewey Blvd.  
Architect—Not Given. \$1,350

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
167	Moody	Anderson	1500
168	Towers	Niska	5000
169	Cunningham	Jordan	6000
170	Dashiell	Owner	4000
171	Coates	Petersen	17000
172	Lyon	Owner	5000
173	Amer. Mang.	Harris	2388
174	Lurie	Cabill	25000
175	Pond	Owner	3500
176	Pond	Owner	3500
177	Turner	Leafhang	4250
178	Cantin	Fahley	4800
179	Guaranty	Owner	4400
180	Oak Title	Schneck	1900
181	Wallace	Gehrke	1500
182	Gilmore	Stead	2000
183	Rogers	Durrill	1000
184	Christensen	Boyce	4500
185	Dowling	Owner	3500
186	Tisher	Johnson	4500
187	Frazier	Owner	3500
188	Kerr	Rose	1500
189	Morgan	Fox	1850
190	Austin	Owner	7500
191	Basso	Cisero	2000
192	Dickerson	Van Ness	3000
193	Kine	Norline	1500

**ADDITIONS**  
 (167) 2631 PIEDMONT, BERKELEY  
 Additions.  
 Owner—G. Moody, 211 Hanover Ave., Oakland.  
 Contractor—G. W. Anderson, 211 Hanover.  
 Architect—Not Given. \$1500

**DWELLING**  
 (168) 809 KEELER, BERKELEY.  
 Two-story 6-room frame dwelling and garage.  
 Owner—H. L. Towens.  
 Contractor—A. Niska, 1142 Allston Way.  
 Architect—Not Given. \$5000

**DWELLING**  
 (169) 1918 CARTER ST., OAKLAND.  
 Two-story 6-room dwelling.  
 Owner—A. M. Cunningham, 2234 Woolsey St., Berkeley.  
 Contractor—N. Jordan, 979 Mountain Blvd.  
 Architect—Not Given. \$6000

**DWELLING**  
 (170) 6801 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—E. L. Dashiell, 3700 Foothill Blvd.  
 Architect—Not Given. \$4000

**RESIDENCE**  
 (171) 116 LENFORD RD., OAKLAND. Two-story 8-room residence.  
 Owner—Dr. J. D. Coates, 6308 Aca-cia St., Oakland.  
 Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland.  
 Architect—Miller & Warnecke. \$17,000

**DWELLING**  
 (172) 1530 BANCROFT WAY, BERKELEY. Two-story 3-family dwelling and garage.  
 Owner & Builder—O. F. Lyon, 2303 Spaulding  
 Architect—Not Given. \$5000

**ADDITION**  
 (173) DOLPHIN AND FERRY STS., OAKLAND. Additio.  
 Owner—American Manganese Co., Dolphin and Ferry Sts.  
 Contractor—G. V. Harris, 5912 Ayala St.  
 Architect—Not Given. \$2388

**WAREHOUSE**  
 (174) 377 2ND ST., OAKLAND. 1-story concrete warehouse.  
 Owner—The Lurie Co., 333 Montgomery St., San Francisco.  
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.  
 Architect—W. D. Peugh, 333 Montgomery St., San Francisco. \$25,000

**DWELLING**  
 (175) 3548 66TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Josephine K. Pond, 1056 Ardmore Ave.  
 Architect—Not Given. \$3500  
 Also 1-story garage, \$200.

**DWELLING**  
 (176) 3554 66TH AVE. One-story 5-room dwelling.  
 Owner & Builder—Josephine K. Pond, 1056 Ardmore Ave.  
 Architect—Not Given. \$3500

**APARTMENTS**  
 (177) 3739-4143 FOOTHILL BLVD., OAKLAND. One-story 6-room 3 apartments.  
 Owner—W. A. Turner, 1367 52nd Ave.  
 Contractor—John J. Leeflang, 2408 Bartlett St.  
 Architect—Not Given. \$4350

**DWELLING**  
 (178) N. MORGAN AVE., 77 E OF BARNER, OAKLAND. One-story 5-room dwelling.  
 Owner—E. J. Cantin, 64 Pine Street, San Francisco.  
 Contractor—Frank Falvey, 768 6th Ave., San Francisco.  
 Architect—Not Given. \$4800

**DWELLING**  
 (179) 3107 CARLSON ST., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Guaranty Home Bldg Co., 3275 Marcon Ave.  
 Architect—Not Given. \$4400

**ALTERATIONS**  
 (180) 439 30TH ST., OAKLAND. Alterations.  
 Owner—Oakland Title Co., 15th and Franklin Sts.  
 Contractor—A. W. Schneck, 3127 Herriott St.  
 Architect—Not Given. \$1900

**ALTERATIONS**  
 (181) 1940 35TH AVE., OAKLAND. Alterations.  
 Owner—Mrs. Amal Wallace, 1940 35th Ave.  
 Contractor—A. J. Gehrke, 1244 58th Ave.  
 Architect—Not Given. \$1500

**DWELLING**  
 (182) 1134 HIGH COURT, BERKELEY. One-story 3-room frame dwelling and garage.  
 Owner—W. M. Gilmore, Prem.  
 Contractor—F. A. Stead, 3206 Boise St.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (183) 18 HILLCREST RD., BERKELEY. Alterations.  
 Owner—Mrs. L. C. Rogers, Prem.  
 Contractor—O. L. Burritt, 427 63rd St., Oakland.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (184) 421 ORANGE ST., OAKLAND. Alterations and additions.  
 Owner—E. C. Christiansen, Prem.  
 Contractor—Boyce and Meade, 3801 Harrison St.  
 Architect—A. R. Denke, Broadway Bldg. \$4500

**DWELLING**  
 (185) 4683 FAIR AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—S. J. Dowling, 2800 Clay St., Alameda.  
 Architect—Not Given. \$8500

**DWELLING**  
 (186) 8334 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—C. R. Tisher, 6127 Foothill Blvd.  
 Contractor—Elmer Johnson, 450 Oaks Blvd., San Leandro.  
 Architect—Not Given. \$4500

**DWELLING**  
 (187) 2905 GARFIELD AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—H. E. Fraizer, 1647 74th Ave.  
 Architect—Not Given. \$3500

**REPAIRS**  
 (188) 557 27TH ST., OAKLAND. Fire Repairs.  
 Owner—Mrs. Kerr, Prem.  
 Contractor—A. H. Rose, 478 25th St.  
 Architect—Not Given. \$1500

**ALTERATIONS**  
 (189) 2803 19TH AVE., OAKLAND. Alterations.  
 Owner—Wm. E. Margan, Prem.

Contractor—Fox Bros., 1478 University Ave., Berkeley.  
 Architect—Not Given. \$1850

**ALTERATIONS**  
 (190) 574 12TH ST., OAKLAND. Alterations.  
 Owner & Builder—Geo. E. Austin, 111 Sutter St., San Francisco.  
 Architect—E. T. Foulkes, 357 12th St., Oakland. \$7500

**ADDITION**  
 (191) 4834 TELEGRAPH AVENUE, OAKLAND. Addition.  
 Owner—Joe Basso, 6467 Chabot Road.  
 Contractor—John Cisero, 474 42nd St.  
 Architect—Not Given. \$2000

**DWELLING**  
 (192) 4615 REINHARDT DR., OAKLAND. One-story 5-room dwelling.  
 Owner—Bud Dickerson, 4012 Laguna Ave.  
 Contractor—Gene B. Van Ness, 4331 Masterson St.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (193) 5445 BROOKDALE, OAKLAND. Addition ad alterations.  
 Owner—John A. Kline, Prem.  
 Contractor—L. M. Zwaal, 2839 Delaware St.  
 Buena Vista, Alameda.  
 Architect—Not Given. \$1500

**ALTERATIONS**  
 (194) 7024 CHABOT ROAD, OAKLAND. Alterations.  
 Owner—E. V. Epiganozic, Prem.  
 Contractor—L. M. Zwaal, 2839 Delaware St.  
 Also 1-story frame garage, \$350.  
 Architect—Not Given. \$1150

ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
195	Havens	Acme	2000
196	Black	Austin	1300
197	Brodie	Owner	11200
198	Oak Pub.	Person	22155
199	Parker	Waldman	2000
200	Parker	Waldman	3000
201	Parker	Waldman	1000
202	Signal	Owner	1000

**ALTERATIONS**  
 (195) 224 SHATTUCK, BERKELEY. Alterations.  
 Owner—J. W. Havens.  
 Contractor—Acme Constr. Co., S.W. Cor. Lakeshore and Mandana, Oakland.  
 ArcMitect—Not Given \$2000

**DWELLING**  
 (196) 10810 APRICOT ST., OAKLAND. One-story 3-room dwelling.  
 Owner & Builder—Mrs. Chas. Black, 450 Duhoce Ave., San Francisco.  
 Architect—Not Given. \$1300



## ADDITION

(197) 956 61ST ST., OAKLAND. 1-story brick and concrete addition. Owner—Ralph N. Brodie Co., 61st & Lowell Sts.  
Contractor—The Austin Co., 1001 Ray Bldg.  
1-sty conc. & tile shop bldg., \$2480  
1-sty con. & tile pump hse., \$320  
Architect—Not Given. \$11,200

## SCHOOL

(198) 1100 SUNNYHILL RD., OAKLAND. One-story 4-room school. Owner—Oakland Public Schools, 1025 2nd Ave.  
Contractor—Emil Person, 829 San Luis Road, Berkeley.  
Architect—W. G. Corlett, 1025 Second Ave. \$22,155

## ALTERATIONS

(199) 802-4-6 31ST ST., OAKLAND. Alterations and repairs.  
Owner—Mrs. Parker, 804 31st St.  
Contractor—A. E. Waldman, 5409 Foothill Blvd.  
Architect—Not Given. \$2000

## ALTERATIONS

(200) 3101-3-5-7 WEST ST., OAKLAND. Alterations and repairs.  
Contractor—A. E. Waldman, 5409 Foothill Blvd.  
Architect—Not Given. \$3000

## ALTERATIONS

(201) 3111 WEST ST., OAKLAND. Alterations and repairs.  
Owner—Mrs. Parker, 804 31st St.  
Contractor—A. E. Waldman, 5409 Foothill Blvd.  
Architect—Not Given. \$1000

## ALTERATIONS

(202) 3501 E. 14TH ST., OAKLAND. Alterations.  
Owner & Builder—Signal Oil Co., 2301 Blanding Ave., Alameda.  
Architect—Not Given. \$1000

## ALAMEDA COUNTY PERMITS UNDER \$1000

SIGN, metal, \$20; 2270 E 14th St., Oakland; owner and contractor, Foster & Kleiser, 22nd and Market Sts.  
SIGN, wood, \$50; 383-55 9th St.; owner and contractor, W. M. Towle, premises.  
SIGN, metal, \$400; SW Cor. 34th and Broadway, Oakland; owner, Val Strouh, Inc.; contractor, Mulvany Sign Co., 575 8th St.  
BARBER pole, \$50; 9709 E 14th St.,

Oakland; owner and contractor, B. D. Agostine, premises.

SIGNS, 2 metal, \$25 each; 425 Foothill Blvd.; owner, Central French Laundry; contractor, Hamilton Sign Co., 2073 Franklin St.  
SIGN, metal, \$40; 5915 Foothill Blvd., Oakland; owner and contractor, Hugh J. Edwards, 5915 Foothill Blvd.

REPAIRS, \$14; 1270 Excelsior Ave., Oakland; owner and contractor, W. Fawke.

REPAIRS, \$13; 2332 Fruitvale Ave., Oakland; owner, J. Coren; contractor, C. Roth, 2101 Central Ave., Alameda.

ALTERATIONS, \$200; 1235 Myrtle St., Oakland; owner and contractor, H. S. Pell.

ALTERATIONS, \$174; 858 56th St., Oakland; owner, A. W. Marquard premises; contractor, R. E. Sheridan, 2201 Brush St.

ALTERATIONS, \$700; 3051 E 7th St., Oakland; owner and contractor, Wm. Pudlock.

ALTERATIONS, \$25; 3221 E 12th St., Oakland; owner, H. Harin-aid, premises; contractor, P. L. Wiersma, 1137 71st Ave.

ALTERATIONS, \$500; 137 E 12th St., Oakland; owner, Mr. Chardon; contractor, L. S. Dawson, 1972 Tiffin Rd.

REPAIRS, fire, \$350; 626 Clay Street; owner, Harry Brunning, Kohl Bldg., San Francisco; contractor, A. H. Rose, 478 29th St.

RE-ROOF, \$85; 1772 84th Ave., Oakland; owner, Mary J. Pauckella, 1275 78th Ave.; contractor, W. H. Verbisio, RFD., Richmond.

ALTERATIONS, \$150; 1707 Telegraph Ave., Oakland; owner, D. J. Sullivan; contractor, Barrett & Hilp, 918 Harrison St., San Francisco.

ADDITION, \$380; 1446 104th Avenue, Oakland; owner, L. F. Friece; contractor, C. J. Kratenmaker, 5222 James Ave.

GARAGE, 1-story, \$200; 5626 Amy Dr., Oakland; owner and contractor, R. C. White, 3557 Kemp-ton Ave.

ALTERATIONS, \$500; 113 10th St., Oakland; owner, Scott Pibg. Co., premises; contractor D. W. Nicholson, 357 12th St.; architect, E. T. Foulkes, 357 12th St.

ALTERATIONS, \$75; 2415 California, Berkeley; owner, R. A. Wells 437 Vassar; contractor, Holland Co., 1226 E 14th St., Oakland.

GARAGE, \$300; 1338 Carlotta, Berkeley; owner and contractor, H. C. Wendt, 1235 Carlotta.

BUILDING CONTRACTS  
ALAMEDA COUNTY

No. Owner	Contractor	Amt.
77 Parker	Waldman	6150
78 George	Jensen	11933.50

(77) 3101-3-5-7 WEST ST. and 802-4-6 31ST ST., OAKLAND.

Owner—Geo. W. Parker.  
Contractor—A. E. Waldman.  
Filed July 1, '37. Dated June 24, '37.  
Ready for paint.....\$2050  
Completed.....2050  
Usual 35 days.....2050  
TOTAL COST, \$6,150.00

Limit, 54 days.

## ALTERATIONS

(78) 422-24-26 13TH ST., OAKLAND. Alterations and additions.

Owner—George Realty Corp.  
Architect—Miller & Warnecke.  
Contractor—Jensen & Pedersen.  
Filed July 1, '37. Dated June 21, '37.  
Ready for plastering—25%.  
Plastering complete—25%.  
Completion—25%.  
Usual 35 days—25%.

TOTAL COST, \$11,933.50

Bond, \$12,000. Surety, Fireman's Fund Indem. Co. Limit, 60 days. Plans and specifications filed.

BUILDING CONTRACTS  
ALAMEDA COUNTY

No. Owner	Contractor	Amt.
79 Christiansen	Boyce	4524
80 Deering	Matheyer	2630.25

## ALTERATIONS

(79) 421 ORANGE ST., OAKLAND. Alterations and additions.

Owner—E. C. Christiansen.  
Architect—A. R. Denke.  
Contractor—A. R. Boyce, Maurice Maede.

Filed July 3, '37. Dated June 26, '37  
Roof on, ready for plastering.....\$1131  
Plastered and shingled.....1131  
Completion.....1131  
Usual 35 days.....1131  
TOTAL COST, \$4524

Limit, 90 days. Plans and specifications filed.

## ADDITIONS

(80) 3640 E. 16TH ST., OAKLAND. Additions to dwelling.

Owner—Mary C. Deering.  
Contractor—Lee B. Matheyer.  
Filed July 6, '37. Dated June 30, '37

1 week after starting.....20%  
Roof on.....20%  
Brown plastered.....20%  
Completion.....20%  
Usual 35 days.....20%  
TOTAL COST, \$2380.25

Limit, 110 days. Plans and specifications filed.

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# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Schools                     |
| 7.—Federal Buildings            | 17.—Banks, Stores and Deps.     |
| 8.—Club Buildings               | 18.—Theatres                    |
| 9.—Hotels                       | 19.—Wharves & Docks             |
| 10.—Hotels                      | 20.—Misc. Const.                |
|                                 | 21.—Misc. Supplies & Equip.     |

### 1—APARTMENTS

**Bid Opening Postponed Until July 7 APT. COURT** Cost, \$35,000  
SALINAS, Monterey Co., Calif.

Two-story apartment court (12 4-room apts.) stucco exterior, hardwood floors, individual gas heat, electric refrigeration, wood and steel sash, etc.

**Owner**—Withheld.  
**Architect**—Charles E. Butner, 7 Winham St., Salinas.

Plans are being figured by the following selected list of contractors: Ralph Parsons, P. O. Box 1301, Salinas.

Sam Trondhjem, 45 Geil St., Salinas.

V. H. Moore, Rt. 1, Box 119-A, Salinas.

John Tauner, 402 Monroe Street, Monterey.

Opening date postponed from July 1st.

### 3—CHURCHES

**Preparing Preliminary Plans CHURCH, ETC.** Cost, \$30,000  
EUREKA, Humboldt Co., Calif. 15th and H Streets.

New church edifice, Guild Hall and parsonage.

**Owner**—Christ Episcopal Church.  
**Architect**—Lewis F. Hobart, 525 Market St., San Francisco.

### PLANS COMPLETED

LONG BEACH, Los Angeles Co., Calif.—**Architect**—C. K. Denman, 724 Washington Bldg., Los Angeles, has completed working plans for a new edifice to be built at 1076 Junipero St., Long Beach, for the Four Square Gospel Work will be done on a segregated contract basis under Mr. Denman's supervision, but it has not been determined when construction will start. The building will cover an area of 72x150 feet and will contain a tabernacle to seat 1070 persons, chapel and Sunday school rooms. Estimated cost, \$40,000.

### PLANS PREPARED

LAGUNA BEACH, Orange County, Calif.—**Reginald F. Inwood, Laguna Beach**, prepared plans for an education unit to be added to present church at Forest Ave. and Second Street, Laguna Beach, for the Community Presbyterian Church.

### 4—FACTORIES & WAREHOUSES

**Additional Sub Contracts Awarded FACTORY ADDITION** Cost, \$80,000  
SAN FRANCISCO, Calif. 17th and

Rhode Island Sts.  
Reinforced concrete addition to can factory (86 x 200 feet), elevator, spiral chutes, etc.

**Owner**—Western Can Company.  
**Architect**—Eng. Leland S. Rosener, 233 Sansome Street.  
**Contractor**—Barrett & Hilp, 918 Harrison Street.

**Roofing**—Alta Roofing Co., 976 Indiana Street.

**Steel Rolling Doors**—Kinnear Mfg. Co. of Calif., 361 Brannan St.

**Steel Sash**—Soule Steel Co., 1750 Army Street.

Complete sub-contracts previously awarded published June 16.

**Contract Awarded WAREHOUSE** Cost, \$28,000  
OAKLAND, Alameda Co., Calif. 377 Second St.

One-story concrete warehouse.

**Owner**—The Lurie Co., 333 Montgomery St., San Francisco.

**Architect**—W. D. Feugh, 333 Montgomery St., San Francisco.  
**Contractor**—Cahill Bros., 206 Sansome St., San Francisco.

**Steel Contract Awarded FACTORY** Est. Cost, \$125,000  
SAN FRANCISCO, SE Fifth and Tehama Streets.

Two-story and part mezzanine Class B factory building (80 x 275 ft.), reinforced concrete construction, composition roof, steel sash, one freight elevator.

**Owner**—Field Ernst Envelope Co., 45 Fremont Street.

**Architect**—Day & Michelson, 405 Montgomery Street.

**Engineer**—W. P. Day, 405 Montgomery Street.

**Contractor**—Cahill Brothers, Inc., 206 Sansome Street.

**Steel**—Truscon Steel Company, 604 Mission St.

As previously reported:

Reinforced Steel—Truscon Steel Co., 604 Mission St.

Placing of Reinf. Steel—J. Phillip Murphy, 3901 Mission St.

Concrete—Readymix Concrete Co., Ltd., Carolina and Mariposa Sts.

**Bids Wanted**—To Close July 15, 10 A. M.

WAREHOUSE ADDITION Cost, \$—  
SAN FRANCISCO 534 Bayshore Blvd.

Two-story brick warehouse (100 x 100 ft.), addition to existing building.

**Owner**—Dreamland Bedding Co. (Mr. P. Spagnoli, owner).

**Architect**—George M. Cantrell, 325 Fremont St.

**Structural Engineer**—H. P. Hoyt, 325 Fremont St.

Plans and specifications may be obtained at 534 Bayshore Blvd., upon deposit of \$5.00

### PLANS BEING FIGURED

WILMINGTON, Los Angeles Co., Calif.—**Richfield Oil Co., Richfield Bldg., Los Angeles**, is taking bids for a large refinery to be built at the company's plant north of Wilmington. The work will consist principally of special steel equipment and piping E. W. Isom, Richfield

**Sub Contracts Awarded FACTORY** Est. Cost, \$125,000  
SAN FRANCISCO SE Fifth and Tehama Streets.

Two-story and part mezzanine Class B factory building (80x275-feet) reinforced concrete construction, composition roof, steel sash, one freight elevator.

**Owner**—Field Ernst Envelope Co., 45 Fremont Street.

**Architect**—Day and Michelson, 405 Montgomery Street.

**Engineer**—W. P. Day, 405 Montgomery Street.

**Contractor**—Cahill Brothers, Inc., 206 Sansome Street.

**Steel Sash**—Truscon Steel Co., 604 Mission Street.

**Electric Wiring**—Alta Electric & Mechanical Co., Inc., 467 O'Farrell.

As previously reported: reinforcing steel awarded to Truscon Steel Co., 604 Mission St.; placing of reinforcing steel to J. P. Murphy, 3901 Mission St.; concrete to Readymix Concrete Co., Ltd., Carolina and Mariposa Streets.

It was previously reported in error that the steel contract had been awarded Truscon Steel Co.

**Bids In—Held Under Advertisment WAREHOUSE & DRUM BLDG., MARTINEZ, Contra Costa Co., Calif.**

Warehouse and drum building at Avon Refinery.

**Owner**—Associated Oil Company, Plans by Engineering Department of Owner.

Announcement in one week.

### 5—FLATS

**To Be Done By Day's Work FLATS** Cost, \$8,500 each  
SAN FRANCISCO, E. Guerrero, nr. 16th St.

Two two-story frame and stucco flat buildings, composition roofs, hardwood floors, tile baths, wood sash, etc.

**Owner & Builder**—Standard Building Co., 20th Ave. and Judah St.

**Architect**—D. E. Jaekle, 126 Post St.

### 6—GARAGES & SERVICE STATIONS

**Contract Awarded SERVICE STATION** Cost, \$—  
CARBONVILLE, Humboldt County, Calif. State Highway and Brice-land St.

New gasoline service station.

**Owner**—General Petroleum Corp. of Calif.

Plans by Eng. Dept. of Owner.

**Contractor**—Charles Swanfelt, Box 114, Ukiah.

**Contract Awarded SERVICE STATION** Cost, \$—  
AUBURN, Placer Co., Calif. Lincoln and Almond Sts.

New gasoline service station (No. 212).

**Owner**—Union Oil Co. of Calif.

Plans by Eng. Dept. of Owner.

**Contractor**—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded SERVICE STATION** Cost, \$—  
REDDING, Shasta Co., Calif. Market and Placer Sts.

New gasoline service station.

**Owner**—Union Oil Co. of Calif.

Plans by Eng. Dept. of Owner.

**Contractor**—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded SERVICE STATION** Cost, \$—  
SAN FRANCISCO La Playa and Lincoln

New gasoline service station.

**Owner**—Union Oil Co. of Calif.

Plans by Eng. Dept. of Owner.

**Contractor**—Fred J. Early, Jr., 369 Pine St.

## 7—FEDERAL BUILDINGS

## CONTRACT AWARDED

LOS ANGELES, Calif.—Robert E. McKee, P. O. Box 219, Metropolitan Station, Los Angeles, at \$75,300 was awarded contract by the Veterans' Administration, Washington, D. C., for constructing a Subsistence Storehouse Building at the Veterans' Administration Facility, Los Angeles.

## Sub Contracts Awarded

REPAIRS AND IMPROVEMENTS  
 Cost, Price, \$131,420  
 SAN FRANCISCO, U. S. Post Office and Courthouse, 7th and Mission Sts.

Repairs and improvements to the U. S. Post Office and Courthouse. Owner—U. S. Government. Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Contractor—F. C. Amoroso & Sons, NE Cor. Keith and Wallace Sts., San Francisco.

Plumbing, Heating & Mechanical—M. Desiano, 3117 Fillmore St. Granite and Stone—California Cut Stone & Granite Works, Railroad and Magnolia Aves., South San Francisco.

Electric Wiring—Severin Electric Co., 172 Clara St.

Painting—W. G. Thopson, 336 Church St.

Acoustical Work—Western Asbestos Co., 675 Townsend St.

Roofing & Slate—J. W. Bender Roofing & Paving Co., 1999 Bryant St.

Terrazzo—California Terrazzo Marble Co., 285 San Bruno Ave. All of San Francisco, unless otherwise noted.

## BIDS REJECTED

HAMILTON FIELD, Marin Co., Calif.—All bids were rejected by the Office of Constructing Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No. W 6616-37-108, for erection of a penthouse over elevator hatchway, alterations to machine room, installation of transformers and furnishing a 220-volt circuit to the machine room, Bldg. No. 70, Hamilton Field, because of insufficient funds.

As previously reported, Carle Construction Co., 147 10th St., San Francisco, at \$2,200, submitted low bid.

## BIDS REJECTED

HAMILTON FIELD, Marin Co., Calif.—All bids were rejected by the Office of Constructing Quartermaster, Capt. S. W. Hulse, Fort Mason, under Spec. No. W 6616-37-108, for installation of an elevator in Bldg. No. 70, Hamilton Field, because of insufficient funds. As previously reported, Otis Elevator Co., 1 Beach St., San Francisco, at \$7,615, submitted low bid.

## CONTRACT AWARDED

WALLA WALLA, Wash.—Chervey & Reverman, Portland, at \$37,996, awarded contract by the Veterans' Administration, Washington, D. C., for construction of the Veterans' Administration Facility, Walla Walla, Wash.

Complete bids published July 1.

## CONTRACTS AWARDED

SAWTELLE, Los Angeles Co., Cal.—As previously reported, Robert E. McKee, Central Bldg., Los Angeles, at \$75,300, awarded general contract by Veterans' Administration for construction of a reinforced concrete storehouse building at the Veterans' Administration Facility, Sawtelle, Otis Elevator Co., 810 18th St. NW, Washington, D. C., at \$3,698, was awarded the contract for freight ele-

vator in the storehouse and A-1 Ice Machinery Co., 3515 W. Washington Blvd., Los Angeles, at \$24,800, awarded contract for refrigerating equipment.

## BIDS WANTED

HOLLYWOOD, Calif.—Until July 25, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for directional signs in the U. S. Post Office at Hollywood.

## BIDS WANTED

SAN DIEGO, Cal.—Until July 28, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting plaster, etc., in the U. S. Quarantine Station at San Diego. Specifications may be obtained from the above office and from the medical officer in charge of the bldg.

## NEW BIDS WANTED

SAN FRANCISCO.—Until Aug. 3, 1:30 P. M., new bids will be received by the Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required. All bids received June 8 were rejected.

## BIDS REJECTED

SAN FRANCISCO.—All bids were rejected by the Veterans' Administration, Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco. Complete bids published June 11.

## 8—CLUB BUILDINGS

## Plans Being Figured—To Close

July 14, Noon  
 REMODEL BLDG. Cost, \$5,000  
 SAN FRANCISCO, McAllister St., bet. Van Ness Ave. and Polk St. Remodel building for museum and art gallery and future clubrooms and dining room.  
 Owner—Society of California Pioneers, c/o Architect.  
 Architect—John H. Ahnden, 822 39th Avenue.

Plans are being figured by the following selected list of contractors:  
 E. A. Anderson, 1177 De Hara St.  
 William Martin, 666 Mission St.  
 A. F. Mattock Co., 212 Clara St.  
 D. B. Gladstone, 557 Market St.  
 W. I. Simpton, 520 6th St.

## 9—HOSPITALS

## BIDS WANTED

SAN ANDREAS, Calaveras Co., Cal.—Until July 6, bids will be received by John Squellati, Clerk, Calaveras County Board of Supervisors, for cleaning and painting wooden exteriors of main county hospital building, tank house, lavatory building, etc., in San Andreas. Specifications may be obtained from above office.

Bid Opening Postponed Until July 19, 2 P. M.

HOSPITAL. Cost, \$60,000  
 HOLLISTER, San Benito Co., Calif. Ordinary reinforced concrete hospital building and almshouse (16 2-bed rooms for elderly indigents, 2 hospital rooms for sick people, operating and X-ray rms., kitchen and dining room, laboratory, recreation room, delivery room, infants' room), composition roofing, linoleum floors, steel

sash with metal trim, oil burning heating system, etc., constructed around center patio.  
 Owner—County of San Benito (Elmer Dowdy, Clerk).  
 Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Plans and specifications obtainable from the architect upon deposit of \$25.00.

Bids will be opened in the office of the County Board of Supervisors, Hollister.

## CONTRACT AWARDED

SAWTELLE, Los Angeles Co., Cal.—Robt. E. McKee, Central Bldg., Los Angeles, at \$75,300, awarded general contract by Veterans' Administration for the construction of a reinforced concrete storehouse building at the Veterans' Administration Facility, Sawtelle. Work includes roads and grading, excav hollow concrete units, building brick work, masonry wall blocks, floor tile, waterproofing, metal work, steel stairs, steel shelving, steel sash, built-up roofing, plaster, insulation, heating, plumbing, electrical work.

## PREPARING PRELIMINARY PLANS

PASADENA, Cal.—Architects Myron Hunt and H. C. Chambers, 408 S Spring St., room 1218, have been commissioned to prepare plans for a new hospital building to be erected on Congress Street, Pasadena, for the Huntington Memorial Hospital (formerly the Pasadena Hospital). It will be a 5-story class A structure, costing approximately \$500,000. Funds were provided in the will of the late Henry E. Huntington. Plans are now in the preliminary stage.

## 12—POWER PLANTS

## PLANNED

LONGVIEW, Wn.—Cowlitz County Public Utility District has signed contracts whereby it will secure \$88,000 REA funds with which to construct a power line from Silver Lake to West Castle Rock, about 81 miles. Contract will be awarded as soon as possible.

13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

Bids Wanted—To Close July 15, 4 P. M.  
 ENTRANCE TOWERS. Cost, \$.....  
 YERBA BUENA SCHOOLS. Site of the 1939 World's Fair.

Two main entrance towers each 70-ft. high with bases 118x263-ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush Street. Plans by San Francisco Bay Architectural Commission, 585 Bush. Bids are now being received on rough carpentry only; bids will be asked later for ornamentation of the towers.

Plans and specifications may be obtained at the San Francisco Bay Exposition Co. office, 585 Bush St., upon deposit of \$20. Bids will also be opened at that office.

Preparing Plans. Est. Cost, \$40,000  
 PETALUMA, Sonoma Co., Calif. E. side of Third St., near D St. New fire station.  
 Owner—City of Petaluma.  
 Architect—Brainerd Jones, 226 Washington St., Petaluma.  
 The City of Petaluma voted bonds in the amount of \$40,000, proceeds to finance construction of fire house.

**Bids Opened**

**LIBRARY** Cost, \$.....  
**CARMICHAEL**, Sacramento Co., Cal.  
 County library.  
 Owner—County of Sacramento.  
 Architect—Harry J. Devine, Crocan  
 Bldg., Sacramento.  
 Low Bidder—L. L. Watson, 1768 11th  
 Ave.

**Complete bids follow:**

L. L. Watson.....\$5,075  
 Chas. F. Unger.....5,170  
 Wm. Gregory, Fair Oaks.....5,613  
 (9695) \* 13

**BIDS WANTED**

**SAN FRANCISCO**—Until July 25, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 289, City Hall, for alterations to the sixth floor of the San Francisco Water Department Building, at 425 Mason St.  
 Specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$5.00.

**BIDS OPENED**

**SAN FRANCISCO**.—A American Building Maintenance Co., 467 O'Farrell St., submitted only bid at a total figure of \$690, to the Department of Public Works, Room 251, City Hall, for following work: Park Branch Library, Page St., near Cole St., clean entire front fence and stairs and west facing; North Beach Library, Powell Street, near Jackson Street, clean entire front stairs and cement walls.

**14—RESIDENCES****Preparing Working Drawings**

**RESIDENCE** Cost, \$10,000  
**SAN FRANCISCO**. Pine-lake Park.  
 One- and two-story frame and stucco residence (5 rooms) terra cotta tile roof, automatic gas hot air heating system, electric range, hardwood floors, tile bath, etc.  
 Owner—Withheld.

Architect—H. Larsen, 333 Kearny.  
 Plans will be completed in about two weeks, when general figures will be asked.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$.....  
**MILL VALLEY**, Marin Co., Calif.  
 One- and two-story frame and stucco residence (5 rooms) hardwood floors tile bath, wood shingle roof, gas fired hot air heating system.  
 Owner and Builder—Joe Hornsby, c/o Architect.

Architect—Conrad T. Kett, 519 California St., San Francisco.

**To Be Done By Day's Work**

**TOURIST BUNGALOW COURT**  
 Cost, \$13,000  
**SAN MATEO**, Calif. Bowie Estate, Bayshore Highway.  
 Frame and stucco tourist bungalow court.  
 Owner & Builder—A. B. Cobb, 101 Bayshore, San Mateo.  
 Plans by C. H. Kirk, Millbrae Highlands.

**To Be Done By Day's Work**

**RESIDENCE** Cost, \$5,000  
**SAN MATEO**, Calif. Lot 19, Blk. 18, Seville Way.  
 One-story frame and stucco residence (5 rooms).  
 Owner & Builder—W. J. Behan, 755 18th Ave., San Mateo.  
 Architect—C. O. Clausen, 746 46th Ave., San Francisco.

**PLANS BEING FIGURED**

**BEVELDERE**, Los Angeles Co., Calif.—Until July 13, Architects Barker & Ott, 524 S. La Brea Ave., are asking bids for a 2-story rectory to be built at the corner of Hastings and Amelia Sts., Belvedere, for the Roman Catholic Archdiocese of Los Angeles.

**Contract Awarded**

**RESIDENCE** Cost, \$6,500  
**SAN MATEO**. Lot 8, Blk. 17, Castilian Way.  
 One- and two-story frame and stucco residence.  
 Owner—J. M. Halliburton.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.  
 Contractor—G. W. Williams, 315 Fremont, Burlingame.

**Contract Awarded**

**RESIDENCE** Cost, \$.....  
**ARLINGTON HGTS**, Alameda Co., Cal. Near Berkeley.  
 One- and two-story frame and stucco residence (five rooms) shingle roof, wood sash, etc.  
 Architect—John E. Dinwiddle, 360 Pine St., San Francisco.  
 Contractor—Randolph E. Parks, 2104 Addison St., Berkeley.

**Contract Awarded**

**RESIDENCE** Cost, \$3,000  
**SANTA CRUZ**, Santa Cruz Co., Cal. One- and two-story frame and stucco residence (4 rooms) hardwood floors Owner—Withheld.  
 Architect—A. C. Williams, 51 Arguello Blvd., San Francisco.  
 Contractor—Hays McLellan, San Mateo.

**Preparing Plans**

**RESIDENCE** Cost, \$9,500  
**SAN FRANCISCO**. Vicinity of St. Francis Wood.  
 Two-story frame and stucco residence (6 rooms), gas hot air heating system, Pacific shingle roof, combination wood and steel sash, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny Street.

**Sub-Contracts Awarded.**

**RESIDENCE** Cost, \$12,000  
**BURLINGAME HILLS**, San Mateo Co., Calif. Lot 7 Blk 1, Belle Vista Drive.  
 Two-story frame and stucco residence.

Owner—Flora P. Olmo.  
 Architect—Not Given.  
 Contractor—Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.

**Roofing**—W. J. Anderson, 3825 Army St., San Francisco.

**Plumbing**—A. H. Dittman, Burlingame.

**Electric Wiring**—Mausser Electric Co., Burlingame.

**Heating**—G. & M. Sheet Metal Works, San Mateo.

**Tile Work**—Broomhall Tile Co., San Carlos.

**Lumber**—Wisnom Lumber Co., San Mateo.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Painting**—A. Peterson, San Mateo.

**Lathing and Plastering**—Frank Russell, San Mateo.

**Additional Sub-Contracts Awarded**  
**DORMITORY** Est. Cost, \$50,000  
**ALMA**, Santa Clara Co., Cal. About three miles from Los Gatos.

Three-story frame dormitory (36x100 ft.) shingle roof, wood sash, hardwood floors, etc.  
 Owner—Jesuit Fathers Society of Jesus.

Architect—Edward Eames, 216 Pine St., San Francisco.

Contractor—Barrett & Hipp, 918 Harrison St., San Francisco.

**Glass**—W. P. Fuller & Co., 301 Mission St., San Francisco.

**Marble**—Clavi Marble Co., 221 Bay Shore Blvd., San Francisco.

**Masonry**—Leon Lobaza, 990 Cinnabar Street.

**Painting**—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.

**Roofing**—Fred Hayden, 369 Stockton Ave., San Jose.

**Sheet Metal**—Morrison & Co., 74-76

Duboce Ave., San Francisco.  
 Complete sub-contracts previously awarded published June 16.

**Bids Wanted—To Close July 19**

**RESIDENCE** Cost, \$.....  
**WEAVERVILLE**, Trinity Co., Calif. One- and two-story frame and rustic residence (hardwood floors, linoleum bath, wood sash, etc.).  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.

**Bids In—Held Under Adjudgment**

**RESIDENCE** Cost, \$20,000  
 Two-story frame and stucco and birch veneer residence, hot water heating system, steel sash, shake roof, etc.  
 Owner—Bryan Dyer, 1423 Spruce St. Architect—John Hudson Thomas, 31 Norwood Ave., Berkeley.  
 Announcement shortly.

**Contract Awarded**

**RESIDENCES** Cost \$7500 each  
**SAN FRANCISCO**. E Guerrero St. 210 and 237 S 15th Street.  
 Two two-story frame and stucco residences.  
 Owner—Carl Gellert, 1500 Judah St. Architect—Not Given.  
 Contractor—Standard Bldg. Co., 1500 Judah Street.

**Preparing Working Drawings**

**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO**.  
 One- and two-story frame and stucco residence (5 rooms) gas fired hot air heating system, tile roof, tile bath, hardwood floors.  
 Owner—R. N. Haight, c/o architect, Architect—A. H. Larsen, 333 Kearny.

**Preparing Working Drawings**

**RESIDENCE** Cost, \$.....  
**LA FAYETTE**, Contra Costa Co., Cal. One- and two-story frame and stucco residence (7 rooms), oil-fired hot air heating system, steel sash, composition roof, etc.  
 Owner—Dr. Robert A. Brady, Berkeley.  
 Architect—E. J. Neutra, 251 Kearny St., San Francisco.

General bids will be taken upon completion of plans.

**Bids In—Held Under Adjudgment**

**RESIDENCE** Cost, \$.....  
**HILLSBOROUGH**, San Mateo Co. Two- and two-story frame and stucco residence (4 bedrooms and 2 baths), hardwood floors, tile baths, wood sash, hot air gas-fired heating system, shingle roof, etc.  
 Owner—Withheld.

Architect—William Henry Rowe, 351 California St., San Francisco.

Announcement shortly.

**Construction Postponed Indefinitely**  
**RESIDENCE** Cost, \$.....  
**PIEDMONT**, Alameda Co., Cal. Wildwood Gardens.

Two- and two-story frame and stucco residence (8 rooms).  
 Owner—Dr. Kenneth Thompson.

Architect—Miller & Warneke, Financial Center Bldg., Oakland.

Contractor—D. W. Nicholson, 357 12th St., Oakland.

**Plans Being Figured—To Close July 13, 8 P. M.**

**RESIDENCE** Cost, \$4,000  
**CASTRO VALLEY**, Alameda Co., Calif.

One-story frame residence (5 rooms), masonry floors, tile baths, shingle roof, gas furnace

Owner—Withheld  
 Architect—Geo. P. Simonds 80 Main St., Hayward

F. L. Hunt, 1606 B St. Hayward, is one of a selected list of contractors figuring plans

**Bids Wanted—To Close July 19**  
**RESIDENCE** Cost, \$.....  
**TULELAKE**, Siskiyou Co., Calif.  
 One-story frame and rustic residence—hardwood floors, linoleum bath, wood sash, etc.  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.

**Bids Opened**  
**PENTHOUSE**  
**OAKLAND**, Alameda Co., Cal. 48th Ave. and Foothill Blvd.  
 Addition of two apartment penthouse (3 rooms each apt.).  
 Owner—Withheld.  
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.  
 Low Bidder—W. C. Tait, 1395 Trestle Glen, Oakland.  
 Complete bids follow:  
 W. C. Tait, Hayward..... \$7,684  
 E. T. Letter & Sons, Oakland, 7,750  
 J. B. Petersen & Son, Oakland, 7,900  
 Bids held under advisement.

**Plans Being Figured—To Close July 14, 8 P. M.**  
**RESIDENCE** Cost, \$4,000  
**CORTE MADERA**, Marin Co., Calif.  
 One-story integrated residence (five rooms), composition roof, gas-fired heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.  
 Plans are being figured by a selected list of contractors.

**Owner Taking Sub Bids**  
**AT FTR RESIDENCE** Cost, \$3,500  
**SALINAS**, Monterey Co., Calif.  
 Alter one-story residence.  
 Owner—K. Ando, 107 Pajaro St., Salinas.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Pressing Working Drawings**  
**RESIDENCE** Cost, \$16,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 Two-story frame and stucco and wood siding residence, shingle roof, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.  
 Upon completion of plans, owner will take bids from a selected list of contractors.

**Plans Being Figured—To Close July 14, 8 P. M.**  
**RESIDENCE** Cost, \$.....  
**PIEDMONT**, Alameda Co., Calif.  
 Two-story frame and stucco residence (7 rooms), hardwood floors, tile baths, shingle roof, etc.  
 Owner—W. Gilbert, c/o Architect.  
 Architect—Frederick L. Confer, 3147 Clement Ave., Berkeley.  
 Plans are being figured by a selected list of contractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$20,000  
**HILSBOROUGH**, San Mateo Co., Calif.  
 Two-story frame residence, hardwood floors, tile baths, wood sash, etc.  
 Owner—Rene Mav, c/o Architect.  
 Architect—Leo Sharps, 1319 Howard Ave., Burlingame.  
 Contractor—Lengfeld & Glund, Ltd., 220 Third Ave., San Mateo.

**Low Bidder**  
**RESIDENCE**  
**OAKLAND**, Alameda Co., Cal. Piedmont Pines.  
 Two-story frame and stucco residence (7 rms.), composition roof, hardwood floors, wood sash, etc.  
 Owner—Name Withheld.  
 Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Low Bidder—Williams & Parsons, 2268 80th Ave., Oakland—\$12,607.

## 15—SCHOOLS

**CONTRACTS AWARDED**  
**LIVINGSTON**, Merced Co., Cal.—John Groom, Livingston, at \$3,797, awarded contract by the Merced Union High School District, Dr. N. S. Peck, Clerk, for construction of an addition to the present Manual Arts Building at the High School in Livingston.

**Preparing Working Drawings**  
**DORMITORY** Cost, \$.....  
**OAKLAND**, Alameda Co., Calif. 3670 Coolidge St.  
 One-story frame dormitory addition to the Fred Finch Orphanage.  
 Owner—Fred Finch Orphanage.  
 Architect—Edw. T. Foulkes, 357 12th St., Oakland.

**SUB CONTRACTS AWARDED**  
**RENO**, Nev.—Alta Electric & Mechanical Co., Inc. 467 O'Farrell St., San Francisco, awarded following sub-contracts for alterations to this heating system at Reno High School: Sheet Metal—Ace Sheet Metal Wks., 444 Clementina St., San Francisco.  
 Temperature Control System—Johnson Service Co., Rialto Bldg., San Francisco.

**BOND ELECTION PLANNED**  
**SAN MATEO**, San Mateo Co., Cal.—San Mateo Elementary School District is planning to vote bonds in the near future in the amount of \$100,000 proceeds to finance construction of alterations and improvements at the following schools: Berensford, Hayward Park, Borel, Lawrence, San Mateo Park and Central.

**Bids Wanted—To Close July 19, 8 P. M.**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 Additions and alterations to Emerson School.  
 Owner—Lodi Grammar School District.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Work will be financed by proceeds of a \$125,000 bond issue voted March 16.

Plans and specifications may be obtained from the architect's office upon deposit of \$5.00.

Bids will be opened by the Board of Trustees of the Lodi School District, C. V. Thompson, Clerk, at the office of Superintendent of Schools in the Lodi Union High School.

**BIDS WANTED**  
**FRESNO**, Fresno Co., Calif.—Until July 22, 5 P. M., bids will be received by the City of Fresno School District, L. L. Smith, Secretary, for re-roofing the following schools: Columbia, Adams, Emerson, Jackson, Jefferson, Kirk, Lincoln, Lowell and Teلمان.

Plans and specifications may be obtained from the office of the Secretary, 2348 Mariposa Street, where bids will be opened July 22, 7:30 P. M.

**SUB BIDS WANTED**  
**AVENAL**, Kings Co., Calif.—Midstate Construction Co., 501 Pacific Southwest Building, is figuring plans and desires sub bids on all portions of the work for the construction of the gymnasium and shop building at the Avenal Union High School, for which bids will be opened July 10, 2:00 p. m.

Plans prepared by Architect Harold H. Weeks, 593 Market St., San Francisco.

**CONTRACT AWARDED**  
**BEVERLY HILLS**, Los Angeles Co., Cal.—Atlas Const. Co., 39 Congress St., Pasadena, awarded contract by Beverly Hills Board of Education at \$109,300, for construction of a new auditorium and arcade at Harace Mann school in Beverly Hills. Edward C. and Ellis W. Taylor, architects, 803 W 3rd St., Los Angeles; Holmes & Narver, structural and mechanical engineers, 639 S Spring St., Los Angeles.

**LOW BIDDER**  
**MONTEBELLO**, Los Angeles Co., Cal.—Willard Lutz, 1630 Lyman Pl., Los Angeles, submitted low bid to Montebello Unified School District at \$58,300, for construction of a one-story school building, 60x250, at Bell Gardens school. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

**Bids Opened**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One-story frame and stucco addition at Needham School (ten classrooms, library and shop addition) flat roof.  
 Owner—Lodi Grammar School District.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Low Bidder—C. H. Dodd, 1660 West Walnut St., Stockton, \$68,729.

Complete bids received for general work, mechanical equipment and linoleum follow:

**General Work**  
 C. H. Dodd, Stockton.....\$68,729  
 H. E. Vickroy, Stockton..... 78,235  
 Samuel Eyre, Tracy..... 78,617  
 J. C. Meyers, Stockton..... 78,812  
 Wm. C. Hoegerman, Lodi..... 79,942  
 Geo. J. Mauer Co., Piedmont..... 82,971  
 George Rock, Stockton..... 87,990

**Mechanical Equipment**  
 Scott Co., Inc., 243 Minna St., San Francisco..... \$29,999  
 Luppen & Hawley, Inc., Sacto. \$33,375  
**Linoleum**  
 McLean's Hardwood Floor and Linoleum, 37 S. Sutter St., Stockton..... \$3,630  
 All bids held under advisement.

**Bid Opening Date Advanced to July 12, 2 P. M.**  
**ADDITION** Cost, \$35,000  
**MODESTO**, Stanislaus Co., Calif. 18 H Street.

Library and one-classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).

Owner—Modesto City Board of Education (E. D. Abbott, Secy.), 14th and 1st Sts., Modesto.  
 Architect—John J. Donovan, 950 Parlier St., Berkeley.

Plans and specifications may be obtained at the office of the Board of Education and from the architect's office upon deposit of \$25.

Bids will be opened at the office of the Board of Education.  
 Opening date advanced from July 13, 1937.

**Award of Contract Approved**  
**ADDITION** Cont. Price, \$22,155  
**OAKLAND**, Alameda Co., Cal. Long Ridge and Sunyhill Roads.  
 One-story frame addition to Crocker Highland School.  
 Owner—Oakland School District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—Emil Person, 829 San Luis Road, Berkeley.

**BIDS OPENED**  
**SAN FRANCISCO**—Fire Protection Products Co., 1101 16th St., at \$18, submitted only bid to the Department of Public Works, City Hall, for furnishing and installing one



pair Kalamein doors; salvage present hardware on existing doors, and supply new hardware where needed at Polytechnic High School.

**Contract Awarded**

**ADDISON** Cont. Price, \$22,155  
**OAKLAND**, Alameda Co., Calif. Long Ridge and Sunnyhills Roads. One-story frame addition to Crocker Highland School.

Owner—Oakland School District. Architect—Will C. Corlett, Bank of America Bldg., Oakland.

Contractor—Emil Person, 829 San Luis Road, Berkeley.

Complete bids follow:  
 Emil Person, Berkeley.....\$22,155  
 William F. Lynn, Oakland.....22,187  
 E. W. Nicholson, Oakland.....22,220  
 Carl N. Swenson, San Jose.....23,726  
 George Swanstrom, Oakland.....24,452  
 Award made subject to the approval of the District Attorney.

**Bids Wanted — To Close July 14, 7:30 P. M.**  
**ADDITION** Cost, \$20,000  
**WOODLAND**, Yolo Co., Calif.

Addition of three-classroom unit of concrete construction, the roof, at Woodland High School. Owner—Woodland High School District. Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Separate bids have also been requested for repairs to present school buildings and for installation of rest room equipment in the Hyman Field bleachers.

**BIDS WANTED**

**SOQUEL**, Santa Cruz Co., Calif.—Until July 13, 7 P. M. (to be opened at 8 P. M.) bids will be received by Rura Brown, Clerk, Soquel Union School District, for painting and re-decorating the interior of the Soquel School.

Specifications may be obtained from above office.

**BOND ELECTION**

**MODOC COUNTY**, Calif.—Modoc Union High School District will vote July 14, on a proposal to issue bonds in the amount of \$163,000, proceeds to be used to finance construction of school buildings, etc., within the district.

**BIDS WANTED**

**ROSEVILLE**, Placer Co., Calif.—Until July 15, 8 P. M., bids will be received by W. W. Zell, Clerk, Roseville Union High School District, for re-roofing the main building of the Roseville Union High School.

Plans and specifications may be obtained from the above office.

July 2, 1937

**BIDS WANTED**

**SOQUEL**, Santa Cruz Co., Calif.—Until July 13, 7 P. M. (to be opened at 8 P. M.) bids will be received by Rura Brown, Clerk, Soquel Union School District, for painting Soquel School.

Specifications may be obtained from above office.

**Bids Wanted—To Close July 19**  
**INDUSTRIAL ARTS BLDG.** \$.....  
**BAKERSFIELD**, Kern Co., Calif.

Emerson Grammar School. Industrial arts building, and lavatories at Emerson School District.

Owner—Emerson Grammar School District. Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

**BIDS WANTED**

**BAKERSFIELD**, Kern Co., Calif.—Until July 16, 7 P. M., bids will be received by the Bakersfield Board of Education for reconstruction and adding to the school board administration bldg. in Bakersfield. Plans obtainable from Architect Chas. H.

Biggar, 554 Haberfelde Bldg., Bakersfield. Certified or cashiers check or bond for 10% required.

**Plans Approved**

**RECONSTRUCT SCHOOL** Cost, \$.....  
**BELLEVUE**, Alameda Co., Calif. Jefferson School, Piedmont Ave. and Forest St. Reconstruction of the Jefferson Sch. Owner—Berkeley Unified School District (Clara F. Andrews, Secy.), 2225 Milvia St. Structural Engineer—Thos. F. Chace, Berkeley Board of Education, State Division of Architecture has approved plans for reconstruction of school. A plan to use WPA labor and Berkeley Board of Education ask bids for materials has not yet been approved.

**Contract Awarded**

**ADDITIONS & ALTERATIONS** Cost, \$.....  
**KERN CO.**, Calif. Mountain View School.

Additions and alterations to school. Owner—Mountain View School District. Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Contractor—L. H. Hansen & Son, 934 S. Stanford St., Fresno.

Complete bids follow:  
 (1) Sect. A;  
 (2) Sect. B (1 classroom);  
 (3) Sect. C (2 classrooms).  
 L. H. Hansen & Son,  
 Fresno.....(1) \$21,488.00  
 .....(2) 6,768.00  
 .....(3) 13,278.00

Henry Elisser,  
 Bakersfield.....(1) 22,000.00  
 .....(2) 6,000.00  
 .....(3) 12,000.00

**Contract Awarded**

**SCHOOL** Cont. Pr., \$60,591  
**SAN MATEO**, San Mateo Co., Calif. Peninsular Ave.

New Peninsular Avenue Elementary School; one-story frame and stucco building, tile roof, steam heating system, maple floors in classrooms, steel lockers, slate blackboards.

Owner—San Mateo Elementary School District. Architect—T. M. Edwards, 9 Geary St., San Francisco.

Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.

Complete bids follow:  
 Chas. Pedersen, San Mateo.....\$60,591  
 L. Dioguardi, Sebastopol.....61,000  
 Frank J. Reilly, S. F.....61,431  
 E. J. Freethy, Richmond.....61,834  
 H. H. Larsen, S. F.....64,623  
 Grant Martinelli, S. F.....67,200  
 C. L. Wold, S. F.....67,156

**Contract Awarded**

**SAN FRANCISCO**, Calif.—Fire Protection Products Co., 1101 16th St., at 11th, awarded contract by Department of Public Works for furnishing and installing one pair Kalamein doors; salvage present hardware on existing doors, and supply new hardware where needed at Polytechnic High School.

**BIDS WANTED**

**VISALIA**, Tulare Co., Calif.—Until July 14, 7:30 P. M., bids will be received by E. C. Combs, Secretary, Visalia School District for constructing a one-room school building at the Carrie Barnett School Grounds, bounded North Court St., N. E. 5th Ave., Grape St. and N. E. 4th Ave. Plans and specifications may be obtained from above office.

**PREPARING WORKING DRAWINGS**

**SAN BERNARDINO COUNTY**, Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, have

started the preparation of working plans for a steel frame, Class A Junior High School building to be built in South Colton for Colton School District. Estimated cost, \$60,000.

**COMPLETING PLANS**

**HUNTINGTON BEACH**, Orange Co., Calif.—Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, are completing plans for a steel frame industrial arts building to be built at Huntington Beach Union High School. Plans will be submitted to the state architect about July 10 and bids will be advertised shortly thereafter. Building will be connected by cloisters to main building and gymnasium. Cost, \$75,000.

**Bids Wanted — To Close July 16, 2**

**P. M. SCHOOL** Cost, \$10,000  
**MERCED COUNTY**. Located near Los Banos.

One-story frame school building (1 classroom and one combined classroom auditorium with stage, supply room, toilet room) composition shingle roof or tile roof. Owner—Charleston School District (Mrs. George Holm, Clerk of Board).

Architect—G. E. Ellinger, 1801 Casteline Road, Oakland. Plans and specifications are obtainable from the architect's office upon deposit of \$25.

Charleston School District voted bonds in the amount of \$10,000 to finance construction of school.

**Bids Opened**

**REHABILITATE SCHOOL**  
**BRENTWOOD**, Contra Costa Co., Calif.

Structural rehabilitation of Brentwood Deer Valley Grammar School.

Owner—Brentwood School District. Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Engineer—Norman E. Green, 55 New Montgomery St., San Francisco.

Low Bidder—W. K. Van Bokkelen, 439 23rd St., Oakland.

Complete bids follow:  
 W. K. Van Bokkelen.....\$34,956  
 John E. Branagh, Oakland.....35,000  
 A. Nelson, Inc., S. F.....38,722  
 Bids exceeded estimated cost, and are being held under advisement.

**CONTRACTS AWARDED**

**SAN FRANCISCO**—Following contracts were awarded by the Department of Public Works, Room 251, City Hall, for interior painting at the following schools: (1) Frank McCoppin School; (2) Lafayette Sch.; (3) Cabrillo Sch.; (4) Junipero Serra Sch.; (5) Galileo High Sch.; (6) Kramer Bros., 1325 Clement St.—(1) \$1,980

R. P. Paoli & Co., 2530 Lombard St.—(2) \$2,665; (3) \$1,950.

Harry Ankers, 22 Lexington Ave.—(4) \$1,920; (5) \$2,840.

**Bids Wanted — To Close July 13, 8**

**P. M.**

**ADDITIONS & ALTERATIONS** Cost, \$5,000

**PORTERVILLE**, Tulare Co., Calif. Porterville Union High School.

One-story frame music building (45 x 60 ft.), addition and alterations to main school building.

Owner—Porterville Union High Sch. (B. E. Kreider, Clerk).

Owner—Porterville Union High Sch. Architect—W. D. Coates, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office (8:45) 1st report June 17, 1937. • 15

## CONTRACTS AWARDED

**SAN FRANCISCO.**—Following contracts were awarded by the Department of Public Works, Room 251, City Hall, for re-roofing the following schools: (1) Cabrillo School; (2) Andrew Jackson School; (3) Le Conte School; (4) Paul Revere School; (5) Grattan School; (6) Galileo School; Empire Roofing Co., 4905 Mission St.—(1) \$1,398.

Jack Johnson Co., 3365 Army St.—(2) \$663.80; (3) \$1,139; (6) \$1,889.

**Bids Wanted — To Close July 15, 7:30 P. M.**

**ADDITION** Cost, \$20,000

WOODLAND, Yolo Co., Calif. Addition of three -classroom unit of concrete construction, tile roof, at Woodland High School.

Owner—Woodland High School Dist. Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

(Date was previously reported for July 14th.)

Plans and specifications may be obtained from the architects upon deposit of \$15.00.

**Preparing Plans** Cost, \$12,000

**FIREBAUGH, Fresno Co., Calif.** One-story frame and stucco school building (2 classrooms) composition roof, accordion doors.

Owner—Firebaugh Grammar School District.

Architect—Edw. Glass, Mattel Bldg., Fresno.

## PREPARING WORKING DRAWINGS

**PALOS VERDES HILLS, Los Angeles Co., Calif.**—Architects Birge M. and David B. Clark, c/o of Joseph H. Chadwick, 1305 Meyer St., San Pedro, are preparing working plans for a day and boarding school to be built on a 35-acre site in Rolling Hills for Mr. Chadwick. Improvements will include a recreational hall, a central dining and community center hall, a dormitory and two buildings to house quarters for the school's personnel. Later it is proposed to build an auditorium for little theatre use, a gymnasium and another dormitory. The buildings will be wood frame structures with stucco exterior and tile roofing. Plans for the first group of buildings will be completed about August 1, when general contract bids will probably be taken. Estimated cost \$150,000.

## BIDS WANTED

**SOUTH SAN FRANCISCO, San Mateo Co., Calif.**—Until August 15, 5 P. M., bids will be received by the South San Francisco Unified School District for (1) painting the exterior surfaces of the main of the South San Francisco High School; (2) San Francisco High School; (3) painting the exterior wood and steel sash, frames, and doors of the Technical Arts building and (3) painting all exterior doors, sash and frames of the New Annex Bldg.

Specifications may be obtained from the secretary of the Board of Education, Vivian Ratto.

## 16—BANKS, STORES AND OFFICES

**Contract Awarded** Cost, \$5,000

**ALTER STORE** SAN MATEO, Calif. 140 Third Ave. Alter store building.

Owner—Hugh L. Clary, 570 Hayne Road.

Architect—Earle B. Fertz, 551 Market St., San Francisco.

Contractor—G. P. W. Jensen & Sons, Inc.

## CONSTRUCTION STARTED

**LOS ANGELES, Calif.**—William Simpson Constr. Co., 816 W. Fifth St., started work June 30 on the erection of a two-story building, 200x225 ft. in area, at 1529-47 Vine St., for Phyllis B. Brunson and Marlon B. Pringle. Cost, \$200,000. A. R. Walker and P. A. Brown, architects, 708 Pacific Commerce Building.

**Construction To Start Shortly**

**ALTERATIONS** Cost, \$—

**EUROPEA, Humboldt So., Calif.** NW Fifth and F Streets.

Alterations and additions to store building (new foundation, new front, etc.)

Owner—Mid-City Investment Co. (W. M. Patch, Inc.)

Plans prepared by W. M. Patch.

**Glass Contract Awarded**

**INDUSTRIAL BUILDING** Estimated Cost, \$150,000

**SAN FRANCISCO, Van Ness Ave.** bet. O'Farrell and Olive Streets.

Three - story reinforced concrete automobile sales room and service building (120 x 180 feet).

Owner—Ernest Ingold, Inc., 1700 Van Ness Ave.

Architect—J. E. Dinwiddie, 306 Pine Street.

Structural Engineer—R. J. Fisher, 826 Crocker Building.

Contractor—Barrett & Hilp, 918 Harrison Street.

**Glass—W. P. Fuller Co., 301 Mission Street.**

Complete sub-contracts previously awarded published June 16.

**Additional Sub-Contracts Awarded**

**ADDITION** Cost, \$13,940

**SAN FRANCISCO, Bayshore Blvd.** One-story reinforced concrete and brick veneer employees' building.

Owner—Consolidated Chemical Industries, Inc., Bayshore Blvd.

Architect—Farr & Ward, 68 Post St.

Contractor—Barrett & Hilp, 918 Harrison Street.

**Lumber—Rolando Lumber Co., 301 Berry Street.**

**Mill Work—Portman's Planing Mill, 1618 Mission Street.**

**Concrete—Readymix Concrete Co., Ltd., Carolina and Mariposa Sts.**

**Piling—James L. Hall, Mills Bldg.**

**Plastering—Francis Stephens, 3481 Pierce Street.**

**Roofing—Alta Roofing Co., 976 Indiana Street.**

**Sheet Metal—Morrison & Co., 74-76 Duhoer Ave.**

**Steel Sash—Concrete Engineering Co., 1250 Division St.**

**Reinforcing Steel—W. C. Hauch & Co., 280 San Bruno Ave.**

As previously reported: electric wiring awarded United Elec Constr. Co., 544 Golden Gate Ave.; masonry, Wm. A. Ramey & Son, 323 Clementina Street.

**Plans Being Figured — To Close July 12, Noon**

**ALTERATIONS & ADDITIONS**

**S. N. FRANCISCO, 1235 Mission St., bet. 8th and 9th Sts., extending to Minna St. (formerly Mangrum-Holbrook Bldg.).**

General alterations to store building.

Owner—C. W. Marwedel, 1235 Mission St.

Architect & Engineer—J. E. Kraft & Sons, Pheasant Bldg.

Plans are being figured by a selected list of contractors.

**Contract Awarded** Cost, \$—

**ALTERATIONS**

**FRESNO, Fresno Co., Calif.** Fulton and Fresno Streets.

Interior finish work in Roos Bros store in the Cory Bldg.

Owner—Cory Estate (Ben H. Cory, Manager)

Lessee—Roos Bros, Fresno.

Architect—A. R. Williams, 251 Post St., San Francisco.

Contractor—Mullen Mfg. Co., 60-80 Rausch St., San Francisco. \* 16

## Sub Contracts Awarded

**STORE BLDG.** Cont. Pr., \$29,610

**SANTA ROSA, Sonoma Co., Calif.**

One - story and mezzanine reinforced concrete store building 150x85 feet).

Owner—Stone Furniture Co.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Wm. D. Rapp, 1413 17th St., Santa Rosa.

**Roofing—W. D. Rapp, Santa Rosa.**

**Plumbing—Don's Heating & Plumbing Co., Santa Rosa.**

**Electric Wiring—Earl Stolling, Santa Rosa.**

**Sheet Metal—Ed. Holtz, Santa Rosa.**

**Glass & Lumber—H. Laws, Santa Rosa.**

**Foundations—W. D. Rapp, Santa Rosa.**

**Rein. Steel—Concrete Engineering Co., 1280 Indiana St., S. F.**

**Painting—Sulberg & Sons, Santa Rosa.**

**Lathing and Plastering—Richard Keehn, Santa Rosa.**

**Roof Trusses—Arch-Rib Truss Co., 1280 Indiana St., S. F.**

**Structural Steel—Independent Iron Works, 821 Pine St., Oakland.**

**Bids Opened** STONE BLDG. Cost, \$—

**SANGER, Fresno Co., Calif.**

One-story and basement frame store building (modernistic front).

Owner—Ancient and Accepted Scottish Rite of Free Masonry.

Architect—F. L. Swartz, Erix Bldg., Fresno.

**Low Bidder—W. H. Jones, 519 Tait St., Sanger, \$5,435.**

Complete bids follow:

W. H. Jones, Sanger.....\$5,435

T. C. W. H. Irwin, Fresno.....1,830

Midstate Const. Co., Fresno.....1,373

Bids are being held under advisement.

**Contract Awarded** Cost, \$12,000

**ALTERATIONS**

**SAN FRANCISCO, Calif.** 1026 Market Street.

Alterations to offices.

Owner—Iris Securities Co., c/o Contractor.

Architect—Not Given.

Contractor—Ira W. Coburn, 2048 Market St.

**Contract Awarded** Cost, \$25,000

**FEDERAL BANK**

**SACRAMENTO Calif.** 4th and J Sts.

Remodel 4-story brick bank building.

Owner—West Coast Life Insurance Company.

Architect—S. Heiman, 605 Market St., San Francisco.

Contractor—Mills Constr. Co., Russ Bldg., San Francisco.

All sub contracts will be let to Sacramento contractors.

**Bid Opening Date Postponed Until July 12**

**ALTERATIONS & ADDITIONS**

**REDWOOD CITY, San Mateo Co., Calif.** 2500 Broadway.

One - story reinforced concrete and frame addition (40 x 50 - ft.) and alterations to California Pacific Title & Trust Co. Building.

Owner—California Pacific Title & Trust Co. (T. J. Hallinan, Manager).

Architect—Capt. E. L. Norberg, 550 Market St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco, is figuring plans and desired sub bids on all portions of the work.

**Contract Awarded**  
**BANK** Cost, \$.....  
**SAN FRANCISCO.** Seventh Avenue  
 and Clement St.  
 New bank building.  
 Owner—American Trust Company,  
 464 California St.  
 Plans by Engineering Department of  
 City.  
 Contractor—Monson Bros., 475 Sixth  
 St.

**17—THEATRES**

**Plans Completed**  
**THEATRE** Cost, \$.....  
**RIVERSIDE,** Riverside County, Cal.  
 SW Cor. Market and 12th Sts.  
 Two-story Class A motion picture  
 theatre, store and office building  
 (115x158 ft.) will contain a theatre  
 to seat 1000; five storerooms and  
 several offices; reinf. con-  
 struction; concrete and wood  
 floors; plate glass; air condition-  
 ing system, etc.  
 Owner—Hunt Theatres, Inc., and Fox  
 West Coast Theatre Corp., 1609  
 W. Washington Blvd., Los Ange-  
 les.  
 Architect—S. Charles Lee, 381 Bush  
 St., San Francisco, and 1648 Wil-  
 shire Blvd., Los Angeles.  
 Bids will be asked within 1 week.

**18—WHARVES & DOCKS**

**LOW BIDDER**  
**PEARL HARBOR,** T. H.—George  
 Hess, 434 S. Westmoreland Ave., Los  
 Angeles, at \$194,620 (Item 4) \$245,-  
 000 (Item 5); and \$291,875 (Item 6),  
 submitted the low bid to the Bu-  
 reau of Yards and Docks, Navy De-  
 partment, Washington, D. C., under  
 Spec. No. 8436, for the construction  
 of reinforced concrete mooring  
 at the 14th Naval District, Pearl Har-  
 bor, T. H. Estimated cost, \$275,000.  
 The fleet moorings are to be re-  
 enforced concrete platforms consist-  
 ing of retaining walls, beams, bottom  
 slabs, manholes and mooring fit-  
 tings. Each platform, Type D, will  
 be supported by a precast reinforced  
 concrete fender on wood piles. The  
 work also includes dredging and ex-  
 cavation for the installation of the  
 fenders, filling the bells of the fen-  
 ders with concrete filling, and the re-  
 mainder of the fenders and platforms  
 with sand or other suitable material;  
 provision of macadam surfacing, fen-  
 der system, and manhole fittings.

Alternate bids will be received for  
 the Type "B" platforms supported  
 by composite precast reinforced con-  
 crete and wood piles with sand or  
 sand and coral fill blanket placed  
 on areas on which composite piles  
 for four of the manholes are to be  
 driven. (A fender for the purposes  
 of these specifications is a shell  
 composed of a bottom section called  
 a "bell" consisting of a hollow  
 fender and a hollow truncated cone,  
 and a top section called a "shaft",  
 consisting of a hollow truncated  
 cone and a diaphragm at the junc-  
 tion of the top and bottom sections.)  
 Work involves:  
 (4) Price for Type "B" moorings—  
 Nos. 21, 22, 23 and 24 complete,  
 based on alternate;  
 (5) Price for Type "B" moorings—  
 Nos. 21, 22, 23, 24 and 25;  
 (6) Price for Type "B" moorings—  
 Nos. 21, 22, 23, 24, 25, and 26.  
 (Items 1, 2, and 3 involve Type "D"  
 construction, as described above, for  
 identical work.)

Complete bids will be published  
 shortly.

**BIDS OPENED**

**SAN FRANCISCO.**—Grinnell Com-  
 pany of the Pacific, 601 Brannan St.,  
 at \$3,136, submitted low bid to the  
 State Department of Public Works,

C. H. Purcell, Chief Engineer, Room  
 811, 500 Sansome St., San Francisco,  
 for construction of automatic fire  
 alarm revisions, and installation a-  
 Harbor Piers 24, 26 and Shed 24-26.

Bids will be taken under one item  
 for revision and installation of auto-  
 matic sprinklers.

Only other bid submitted by the  
 Racewood Sprinkler Co., at \$3,450.

**19—MISC. CONSTRUCTION**

**BIDS WANTED**

**SAN FRANCISCO,** Calif.—Until  
 July 12, 3:00 P. M., bids will be re-  
 ceived by T. A. Brooks, Purchaser  
 of Supplies, 270 City Hall, for radio  
 and public address system for S. F.  
 Airport.

Plans and specifications may be  
 obtained from above office.

**BIDS OPENED**

**PORTLAND,** Oregon—Commercial  
 Iron Works, 412 S. E. Stephens St.,  
 Portland, Oregon, at \$6,889 submitted  
 low bid to the U. S. Engineer Office,  
 306 Custom House, Portland, Oregon,  
 under Spec. No. 698-37-443, for paint-  
 ing and repairing U. S. Pipe Line  
 "Edgedale," "Miltomah," located at  
 Government Moorings, St. Helens  
 Road, Portland.

Complete bids follow:  
 Commercial Iron Works, 413 S. E.  
 Stephens St., Portland, \$6,889.

General Iron & Steel Works, Port-  
 land, Oregon, \$7,439.

Helser Machine & Marine Works,  
 Inc., Portland, \$7,717.

**PLANS BEING FIGURED**

**VERNON,** Los Angeles Co., Calif.—  
 Luer Packing Co., 3026 E. Vernon  
 Ave., Vernon, is taking general con-  
 tract bids for a 3-story killing room  
 to be built at 3026 E. Vernon Ave.,  
 Vernon, for self; Boyd I. Means,  
 structural engineer, 5905 Pacific  
 Blvd., Huntington Park, Cost, \$70,-  
 000.

**CONTRACTS AWARDED**

**SANTA ROSA,** Sonoma Co., Calif.—  
 Following contracts were awarded  
 by the Sonoma County Board of Su-  
 pervisors, Walter H. Nagle, Clerk, for  
 additions to grandstand, racing sta-  
 bles, etc., at Fair Grounds, Santa  
 Rosa:

R. S. Knight, Rt. 4, Box 662, Santa  
 Rosa—Item 1, \$2,812; Item 5, \$640,  
 and Item 6, \$768.

Paul J. Lindau, 533 Humboldt St.,  
 Santa Rosa—Item 2, \$525.

Western Scenic Studio, 1196 32nd  
 St., Oakland—Item 3, \$600, and Item  
 4, \$1,500.

Allan F. Smith, 200 Sebastopol  
 Ave., Santa Rosa—Item 7, \$338.

Two following bids on Item 8 were  
 received after 10 o'clock and are be-  
 ing held under consideration:

Malyer & Grace, Santa Rosa, \$2,385  
 C. W. Selbury & Son, Santa  
 Rosa, 3,900

**Sub Contract Awarded**  
**SAN FRANCISCO.** Divisadero &  
 Geary Sts.

**MORTUARY BUILDING**  
 Est. Cost, \$100,000

Two-story Class C reinforced con-  
 crete mortuary building (two  
 chapels, five slumber rooms, four  
 operating rooms), wood floors  
 and partitions, oil burning hot  
 air conditioning system, composi-  
 tion roof, tile wainscot floors  
 and walls in operating rooms,  
 acoustical plastering in chapels,  
 pipe organ, etc.

Owner—Chevera Kadisha, 1117 Bu-  
 rbanan St.  
 Architect—Hyman & Appleton, 68  
 Post St.  
 Contractor—Jacks & Irvine, 620 Mar-  
 ket St.

**Cotting**—California Cutting Co., Inc.,  
 Box 82, El Cerrito.

Sub contracts previously awarded  
 published July 1, 1937.

**20—MISC. SUPPLIES AND MATERIALS**

**COMPLETE BIDS**

**SAN FRANCISCO,** Calif.—Piombo  
 Bros. & Co., 1571 Turk St., San Fran-  
 cisco, at \$974, submitted low bid to  
 T. A. Brooks, Purchasing Agent, Rm.  
 270 City Hall, San Francisco, for  
 approximately 2600 cubic yards of  
 loam for Golden Gate Park.

Complete bids follow:  
 Piombo Bros. & Co., 1571

Turk St., San Francisco.....\$074  
 Devincenzi Bros. & Co..... 776  
 Max Rosenberg..... 76  
 T. O'Brien..... 77  
 A. O. Fields..... 83  
 Arnold Trucking Co..... 84  
 Devincenzi & Haskins..... 100

**COMPLETE BIDS**

**SAN FRANCISCO,** Calif.—Follow-  
 ing submitted bid to T. A. Brooks,  
 Purchaser of Supplies, 270 City Hall,  
 for:

(1) 40 tons 129-lb. guard rail;  
 (2) 25 kegs of 1-in. x 4 1/4-in. track  
 bolts for Municipal Railway.

(A) United Commercial Co., Inc.,  
 234 Steuart St., San Francisco—(2)  
 \$6,4375; net.

(B) Bethlehem Steel Co., 20th and  
 Hills Sts., San Francisco—(1) \$6,70;  
 25% 10 days.

(C) Columbia Steel Co., Russa Bldg.,  
 San Francisco—(1) \$92,855; (2) \$6,70;  
 15% 10 days.

(D) Baker, Hamilton & Pacific, 700  
 7th St., San Francisco—(2) \$6,95; 2%,  
 10 days.

**COMPLETE BIDS**

**SAN FRANCISCO,** Calif.—Pacific  
 Pavements Co., 85 Barstow Street,  
 San Francisco, at \$31,080, submitted  
 low bid to T. A. Brooks, Purchaser  
 of Supplies, City Hall, under Bid No.  
 1845, for furnishing approximately  
 7000 tons of asphaltic concrete wear-  
 ing surface for WPA projects.

Complete bids follow:  
 Pacific Pavements Co., 85 Barstow  
 St., San Francisco—(Unit Price) \$4.44  
 per ton; total, \$31,080.

Chas. L. Harney—\$4.46 per ton;  
 total, \$31,710.

Eaton & Smith—\$4.66 per ton; to-  
 tal, \$32,620.

Lowrie Paving Co.—\$4.60 per ton;  
 total, \$33,166.

Fay Improvement Co.—\$5.12 per  
 ton; total, \$36,680.

**BIDS WANTED**

**SAN FRANCISCO.**—Until July 7,  
 1:45 P. M., informal bids will be re-  
 ceived by the Department of Public  
 Works, Room 251, City Hall, for fol-  
 lowing work: Park Branch Library,  
 Page St., near Cole St., clean entire  
 front fence and stairs and west fac-  
 ing; North Beach Library, Powell  
 St. near Jackson St., clean entire  
 front, stairs and cement walls.

Additional information obtainable  
 from the office of R. A. Chisholm,  
 Supt. of Public Bldgs., 484 11th St.

**CONTRACT AWARDED**

**LOS ANGELES,** Cal.—Hacker Pipe  
 & Supply Co., 1725 E. 7th St., Los  
 Angeles, at \$4885.33 awarded con-  
 tract by Metropolitan Water District  
 Purchasing Agent, Los Angeles, for  
 gate valves and floor stands. Other  
 bids were: Plumbing & Heating Sup-  
 ply Co., 5229 W. 12th St., Mt. C., \$5,-  
 296.18; Petroleum Equip. Co., \$531.59;  
 Oil Well Supply Co., \$542.23; Crane  
 Co., \$5471.10; National Supply Co., \$5,-  
 471.10; Mell O. Haldeman Corp., \$5,-  
 581.97.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excava.	31—Pipe Lines and Irrigation Proj.
23—St. Light. Systems	32—Sewers & Sewage Equipment
24—Machinery and Equipment	33—Disposal Plants
25—Railroads	34—Water Works
26—Fire Alarm Sys.	35—Parks & Play grounds
27—Fire Equipment	35—Tunnels
28—Streets & Highways	

## 21— BRIDGES

## CONTRACT AWARDED

**TUOLUMNE AND ALPINE COS.**, Calif.—Larsen Bros. & Harms Bros., 5220 21st Ave., Sacramento, at \$189,447.20 awarded contract on Schedule C by Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for \$5,848 miles grading and construction of routes and approaches on Section A of Route 57, the Clark Fork National Forest Highway, Stanislaus National Forest, Tuolumne and Alpine Counties.

## BIDS WANTED

**SHASTA CO.**, Calif.—Until July 27, 2 p.m., bids will be received by C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Building, San Francisco, for constructing the Laborer's Bridge on Section J, Rt. 77, at the Mt. Shasta, Mt. Lassen National Forest Highway, Shasta National Forest, Shasta Co.

- Work involves:
- (1) 2,300 c.y. uncl. excav. for strucs. (dry);
  - (2) 1,000 c.y. uncl. excav. for strucs. (wet);
  - (3) 7.58 c.y. Class A concrete;
  - (4) 365 c.y. Class B concrete;
  - (5) 347 c.y. Class D concrete;
  - (6) 355 c.y. lightweight concrete;
  - (7) 170,000 lbs. reinf. steel;
  - (8) 942,000 lbs. structural steel;
  - (9) 1,900 lf. steel handrail.

Plans and specifications may be obtained from above office upon deposit of \$10.00.

## BIDS WANTED

**SISKIYOU CO.**, Calif.—Until July 28, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across the Scott River about one mile southwest of Fort Jones, consisting of four 30-ft. 6-in. spans and two 25-ft. spans on concrete pile bents and grading and applying road mixed surfacing to approximately .4 mile of roadway.

- Work involves:
- (1) 2 acres clear and grub;
  - (2) 35 M. gals. water;
  - (3) 10,000 c.y. rdwy. excav. unclass.;
  - (4) 1,500 c.y. imported borrow;
  - (5) 41,000 sta. yds. overhaul;
  - (6) 90 c.y. ditch and channel excav.
  - (7) 20 sta. finishing rdwy.;
  - (8) 5 tons liquid asphalt, ROMC-3 (prime coat);
  - (9) 190 c.y. mineral aggregate, road mix surf.
  - (10) 18 tons liquid asphalt, ROMC-3 (road mix surf.);
  - (11) 46,500 lbs. bar reinf. steel;
  - (12) 257 c.y. Class A portland cement conc. struc.;

- (13) 1,190 lf. reinf. conc. piles, including test piles, furnishing;
  - (14) 26 each do (driving);
  - (15) 390 lf. solid timber railing;
  - (16) 36 each bridge deck drains;
  - (17) 9 each monuments;
  - (18) 1 lots misc. items of work.
- Plans and specifications may be obtained from the above office.

## BIDS WANTED

**KERN COUNTY, Cal.**—Until July 28, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across Poso Creek about 12 miles north of Bakerfield consisting of two 32-ft. 6-in. spans and two 24-ft. 6-in. spans on concrete pile bents and grading about 0.2 mile of roadway approaches.

## Work involves:

- (1) 210 M. gals. water;
- (2) 5,500 c.y. rdwy. excav. unclass.;
- (3) 50 c.y. ditch and channel excav.
- (4) 3,200 sta. yds. overhaul;
- (5) 550 c.y. struc. excav.;
- (6) 11 sta. finishing rdwy.;
- (7) 35,500 lbs. bar reinf. steel;
- (8) 181 c.y. Class A portland cement concrete;
- (9) 281 lf. solid timber railing;
- (10) 910 lf. reinf. conc. piles, including test piles, furnishing;
- (11) 20 each do (driving);
- (12) 130 c.y. riprap sacked concrete;
- (13) 20 lf. 8-in. CMP;
- (14) 25 lf. 12-in. CMP;
- (15) 36 lf. 18-in. CMP;
- (16) 36 lf. 24-in. CMP;
- (17) 3 each spillway assemblies;
- (18) 90 lf. laminated guard railing;
- (19) 2 each culvert markers;
- (20) 14 each monuments;
- (21) 2 each bridge deck drains;
- (22) 1 lot misc. items of work.

The State will furnish CMP band couplers and spillway assemblies.

## BIDS OPENED

**SAN FRANCISCO, Calif.**—J. Philip Murphy, 3901 Mission St., San Francisco, at \$5945, submitted low bid to the Department of Public Works, Room 251, City Hall, for placing steel in Lyon Street Approach to Golden Gate Bridge in the Presidio.

## Work involves:

- (1) 95 tons remove and install I-beams;
- (2) 223 tons install reinforcing steel on north ramp Lyon Street Approach to Golden Gate Bridge.

## The bids were:

- (A) Philip Murphy, 3901 Mission St., San Francisco—(1) \$2600, (2) \$15, total, \$5945.  
(B) Soule Steel Co.—(1) \$3265, (2) \$1810, total, \$7301.30.

## Capital City Title Company

•

JAMES E. BANCROFT  
Manager

•

101 J Street  
Sacramento : California

## BIDS WANTED

**KERN CO.**, Calif.—Until July 28, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across Poso Creek about 12 miles north of Bakerfield consisting of two 32-ft. 6-in. spans and two 24-ft. 6-in. spans on concrete pile bents and grading about 0.2 mile of roadway approaches.

## Work involves:

- (1) 230 M. gals. water;
- (2) 5,500 c.y. roadway excav., uncl.;
- (3) 50 c.y. ditch and channel excav.;
- (4) 3,200 sta. yds. overhaul;
- (5) 550 c.y. struc. excav.;
- (6) 11 sta. finishing roadway;
- (7) 35,500 lbs. bar reinf. steel;
- (8) 181 c.y. Class A portland cement concrete;
- (9) 281 lf. solid timber railing;
- (10) 910 lf. reinf. conc. piles, including test piles, furnishing;
- (11) 20 each do (driving);
- (12) 130 c.y. riprap sacked concrete;
- (13) 18 lf. 8-in. CMP;
- (14) 25 lf. 12-in. CMP;
- (15) 36 lf. 18-in. CMP;
- (16) 36 lf. 24-in. CMP;
- (17) 3 each spillway assemblies;
- (18) 90 lf. laminated guard railing;
- (19) 2 each culvert markers;
- (20) 14 each monuments;
- (21) 2 each bridge deck drains;
- (22) 1 lot misc. items of work.

The State will furnish CMP band couplers and spillway assemblies. Plans and specifications may be obtained from above office.

Items 1 and 13 previously reported incorrect.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## Complete Bids.

**SAN FRANCISCO**—C. A. Lauritzen, 309 E St., Antioch, at \$4390 (Item A) and \$3830 30 days net (Item B), submitted low bid to U. S. Engineer Officer, Lieut.-Col. J. A. Dorst, Dist. Engineer, 401 Custom House, San Francisco, under Bid No. 868-37-305 for removing lumber from wharf, trestle and pipe landings and for pulling or cutting off piling at Yerba Buena Shoals fill.

## Work involves:

- (A) Work complete for removal of 224 piles, rafts and lumber—material shipped to Rio Vista.
- (B) Work complete for removal of 224 piles, rafts and lumber—material shipped by U. S. Engineer's Office.

## Complete bids follow:

- C. A. Lauritzen, Antioch, (A) \$4390; (B) \$3830, 30 days net.  
Kiss Crane Service, South Gate, (A) \$7600; (B) \$7100, 30 days net.  
Healy Tibbetts Constr. Co., San Francisco, (A) \$7935; (B) \$8655, 70 days net.  
A. W. Kitchen & Co., San Francisco, (A) \$8340; (B) \$8517, 65 days net.  
Duncanson & Harrelson Co., San Francisco, (A) \$8759; (B) \$8433, 70 days net.

## 25— MACHINERY AND EQUIPMENT

## BIDS OPENED

**VENTURA COUNTY, Calif.**—Triangle Rock & Gravel Co. and W. M. Ward submitted identical bids to the State Highway Department, Los Angeles, at \$600 per hour operating time, \$300 per hour moving time,

for rental of one 1/2-yard full, revolving truck shovel, complete with operator, for use in Ventura county for period of approximately 75 working days.

**BIDS WANTED**

**SAN LUIS OBISPO, Calif.**—Until July 6, 2:00 p. m., bids will be received by State Highway Department, San Luis Obispo, for rental of one 1/2-c.y. track-laying power shovel for use in Santa Barbara Co.

**BIDS OPENED**

**LOS ANGELES CO., Calif.**—Vido Kovacevich submitted low bid to State Highway Department, Los Angeles, at \$1.65 per hour for RENTAL of 1000-gal. water sprinkler truck, for use on Ridge Route Alternate for 30 days. Other bids were: Chester B. Reynolds, Saugus, \$1.80 hour; G. Lancia, Bell, \$2.10 hour.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Chas. W. Beghule, 460 Hazel Ave., Millbrae, at \$3.25 per hour, submitted low bid to J. H. Skeggs, District Engineer, District 14, Room 211, State Bldg., San Francisco, for the rental and operation of one pneumatic tired water truck, not less than 1000-gal. capacity tank equipped with water pump and fittings for two 3/4-in. hoses, not over five years old and in good condition, for approximately 450 hours.

Complete bids follow:

Chas. W. Beghule, 460 Hazel Ave., Millbrae—\$3.25 per hour

A. Soda & Son, Oakland—\$2.49.

J. M. Ayers, Arbutle—\$2.95.

Irwin Schwartz, San Francisco—\$1.92.

P. Sutson, San Francisco—\$2.35.

D. C. McCabe, San Francisco—\$2.90.

Lee J. Immel, Berkeley—\$3.00.

Tortola Truck Service, San Francisco—\$1.98.

K. I. Dowdy, San Francisco—\$2.50.

Ashurst Bros., Hopland—\$3.95.

**CORRECTION**

**SAN FRANCISCO, Calif.**—Irwin Schwartz, San Francisco, at \$1.92, submitted low bid to J. H. Skeggs, District Engineer, District 14, Room 211, State Bldg., San Francisco, for the rental and operation of one pneumatic tired water truck, not less than 1000-gal. capacity tank, equipped with water pump and fittings for two 3/4-in. hoses, not over five years old and in good condition, for approximately 450 hours.

Chas. W. Beghule was previously reported as low bidder, which was in error.

**COMPLETE BIDS**

**SAN FRANCISCO, Calif.**—Following submitted identical bids at \$235 net to T. A. Brocks, Purchaser of Supplies, City Hall, for one Ingersoll-Rand gasoline engine-driven, 2-stage, air-cooled Portable Air Compressor, complete with four-wheel pneumatic-tired running gear.

Leitch Co., San Francisco.

Machinery & Drill Steel Co., Rix Co.

United Commercial Division of Hyman Michels Co.

Worthington Pump & Machinery Corp.

Sullivan Machinery Co.

Edw. R. Bacon Co.

Western Machinery Co.

Leitch Co., San Francisco, submitted a trade-in price at \$422.50, and all companies submitted a trade-in price at \$350.

**BIDS WANTED**

**CENTERVILLE, Calif.**—Until July 13, 8 a. m., bids will be received by the Board of Trustees of Washington Union High School District, H. F. Harold, Clerk, Washington Union

High School Bldg., Centerville, for furnishing a 52-59 passenger high school bus.

Specifications obtainable from the above office.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Consolidated Steel Corp., Slauson and Eastern Avenues, Los Angeles, awarded contract by Metropolitan Water District, Los Angeles, July 2, at \$17,098, for 2 high pressure gate assemblies, Spec. 219. Bids for two 48x42 in. neoprene valve assemblies were rejected.

**BIDS WANTED**

**HUNTINGTON PARK, Los Angeles, Calif.**—Until July 19, 5 p. m., bids will be received by the Huntington Park city council for furnishing and erecting one steel storage tank, 18 feet in diameter, 18 feet high, three courses standard API specifications all welded steel tank, 1/2-in. plate on bottom, 3/16-in. shell, and No. 10-gauge plate in roof. Tank to be equipped with four 6-inch flanges, one 10-in. flange, and one 12-in. flange, and one roof manhole. Tank to be equipped with outside and inside ladders, 12 2 1/2x3/16-in. angles, furnished, in addition to above equipment, to be spot-welded in the field. All outside seams to be full fillet weld, and the round about seams on the shell shall be seal welded.

**BIDS OPENED—REJECTED**

**SAN FRANCISCO.**—Cornell Tractor Co., 10 Abbott St., Salinas, at \$11.50 per hour, submitted the only bid to the U. S. Engineer's Office, 401 Custom House, San Francisco, under Bid No. 868-37-310, for rental of one 70-h.p. tractor-bulldozer with operator for 50 hours' use; job Fort Bragg.

No bids were received under Bid No. 868-37-312, for rental of one steam hoist, dragline complete with one cubic yard bucket, and one assembly plant for two months; job Fort Bragg.

All bids were rejected by Lieut. Col. J. A. Dorst, District Engineer, who announced that equipment will be rented in the open market.

**CONTRACT AWARDED**

**DENVER, Colo.**—Commercial Iron Works, Portland, awarded contract by Bureau of Reclamation at \$31,999 for 12 radial gate hoists, 12,000-lb. capacity, and 14 same, 20,000-lb. capacity for sluiceway and desilting works at Imperial Dam, All-American Canal, Spec. 927-D.

**26—RAILROADS****BIDS OPENED**

**SAN FRANCISCO, Calif.**—Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco, at \$7899, submitted low bid to the Department of Public Works, Room 251, City Hall, for construction of one reinforced concrete fire cistern at First and Folsom streets (PWA job). Estimated cost, \$11,000. Spec. No. 19043.

Work involves:

(1) 75,000-gallon reinforced concrete cisterns at First and Folsom Streets;

(2) 28 c.v. test trenches, excavation, including backfill;

(3) 70 sq. ft. repaving test trenches.

The bids were:

(a) Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco—(1) \$7899, (2) \$200, (3) \$0.50; total, \$7899.

(b) Eaton & Smith—(1) \$8475, (2) \$100, (3) \$0.25; total, \$8575.50.

(c) M. V. Lynch—(1) \$9500, (2) \$300, (3) \$0.50; total, \$9819.

**29—STREETS AND HIGHWAYS****BIDS WANTED**

**MENDOCINO CO., Calif.**—Until July 28, 2:00 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying a penetration soil treatment to one and two-tenths miles between the southern boundary and Point Arena.

Work involves:

(1) Clear and grub right of way;

(2) 800 M. gals. water;

(3) 47,500 c.y. rdwy. excav., unclass.

(4) 700 c.y. ditch and channel excav.

(5) 68,000 sta. yds. overhaul;

(6) 5,150 c.y. imported borrow;

(7) 1,000 c.y. struc. excav.;

(8) 65 sta. finishing rdwy. SC-2;

(9) 41 tons liquid asphalt, SC-2;

(10) 150 lbs. bar. reinf. steel;

(11) 75 c.y. Class A portland cement concrete struc.;

(12) 42 MF8M redwood timber, dense select all-heart struc. grade;

(13) 100 lf. 8-in. CMP;

(14) 80 lf. 12-in. CMP;

(15) 180 lf. 18-in. CMP;

(16) 70 lf. 30-in. CMP;

(17) 262 lf. 60-in. CMP, 8-gauge;

(18) 30 lf. existing pipe culverts, remove and relay;

(19) 3 each spillway assemblies;

(20) 1 each taper inlet;

(21) 1 each frame and grating for drop inlet;

(22) 15 each culvert markers;

(23) 10 each guide posts;

(24) 2.15 miles new property fences;

(25) 14 each drive gates;

(26) 52 each monuments complete in place;

(27) 1 lot existing bridges, remove and dispose of.

The State will furnish CMP embankment protectors and taper inlet. Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**LASSEN AND SIERRA COS., Calif.**—Until July 22, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat to about 18 miles between Doule and Nevada State Line.

Work involves:

(1) 355 tons liquid asphalt, 90-95;

(2) 4,200 tons screenings.

Plans and specifications may be obtained from the above office.

**NOTICE TO BIDDERS**

**SAN DIEGO CO., Calif.**—Representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, between one mile south of San Onofre and the north county line, road XI-S-D-2-D, for which bids are to be received in Los Angeles on July 22, 1937. Said representative will meet prospective bidders at San Onofre Service Station at south end of project on Monday, July 12 and 19, 1937, at 10 a. m. Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

**BID OPENED**

**TULARE & FRESNO COS., Calif.**—Tieslau Bros., Inc., 1315 Alston St., Berkeley, at \$3,335.25, submitted only bid to U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, C. H. Sweetser, District Engineer, for placing a bituminous treatment on Route 1, The General Grant Highway, General Grant National Park and on portions of Sections B and C, General Grant-Sequoia Park Approach Road, Se-

quola National Forest, involving approximately 6.130 miles.

- Work involves:  
 (1) 100 tons slow curing asphalt, Type SC-1-A;  
 (2) 65 tons of slow-curing asphalt, Type SC-2;  
 (3) Force Maintenance of one-way traffic.

(A) Tieslaw Bros., Inc., 1315 Allston Way, Berkeley—(1) \$19,800; (2) \$26,850; (3) \$150; total, \$33,335.25.

#### CONTRACT AWARDED

ARIZONA STATE HIGHWAY.—Tiffany Construction Co., Phoenix, Ariz., awarded contract by the State Highway Commission, Phoenix, Ariz., at \$54,002.00 for construction of an overpass structure and approaches east of Florence-Tucson Highway, about 8 miles west of Florence and 1/4 mile east of highway junction near Casa Grande Ruins, WPGH 94-B.

#### COMPLETE BIDS

MOHAVE CO., Ariz.—As previously reported, Lee Moor Constr. Co., Bassett Tower Bldg., El Paso, Texas, at \$246,543.45, submitted low bid to State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for the grading, draining and placing aggregate base course and asphalt surface treatment on about 9.6 miles of the Kingman-Boulder Dam Highway, FA 128-B.

The work is to begin about five miles northwest of Kingman.

- Work involves:  
 (1) 105,320 c.y. roadway excav., uncl.;  
 (2) 2900 c.y. slides and overbreakage;  
 (3) 27,794 c.v. drainage excav., uncl.;  
 (4) 20,250 lf. grader ditches;  
 (5) 5,179 c.v. struc. excav., uncl.;  
 (6) 69,862 sta. yds. station yard overhaul;  
 (7) 219 c.y. mi cubic yard mile haul;  
 (8) 56,714 c.y. imported borrow;  
 (9) 33,011 c.y. mi. imported borrow haul;  
 (10) 25,945 tons aggregate base course (CIP);  
 (11) 3,500 c.v. stripping pits;  
 (12) 333 M gals. sprinkling (CIP);  
 (13) 1,700 hours rolling;  
 (14) 2,668 c.v. class A coner. (incl. cement);  
 (15) 66 c.v. class B coner. (incl. cement);  
 (16) 275,540 lbs. reinf. steel bars (CIP);  
 (17) 532 lf. 18-in. CMP (CIP except excav.);  
 (18) 510 lf. 24-in. CMP (CIP except excav.);  
 (19) 466 lf. 30-in. CM (CIP except excav.);  
 (20) 1,718 lf. 36-in. CMP (CIP except excav.);  
 (21) 396 lf. 42-in. CMP (CIP except excav.);  
 (22) 856 lf. 48-in. CMP (CIP except excav.);  
 (23) 85 c.v. plain riprap (CIP);  
 (24) 167,506 lf. standard line fence (CIP);  
 (25) 94 each. standard wire gates Type 2 (CIP);  
 (26) 2 each. standard steel gates, Type 1 (CIP);  
 (27) 1,474 lf. rock guard (CIP);  
 (28) 500 lf. rail bank protection, Type A (CIP);  
 (29) 453 each. guide posts (CIP);  
 (30) 46 each. R-W markers, Type A (CIP);  
 (31) 270 lf. 1-in. galv. water pipe, 3/4 240 plus or minus (CIP);  
 (32) 160 MFBM treated timber (CIP);  
 (33) 1,496 lf. treated timber piles (furn. and del.);  
 (34) 177 each. placing piles in framed bents;  
 (35) 1,051 sq. yds. furn. and placing oil mix (CIP except furn. and spread road oil);  
 (36) 10 each. water barrels (CIP);

- (37) 128,540 gal. road oil (SC-2) for asphalt surf. treat. oil mix and seal coat, (CIP on road);  
 (38) 1,673 tons blotter material, pit run (CIP), for asphalt surface treatment;  
 (39) 240 tons stockpiling ABC (CIP in stockpile).

Total bids follow:

- (a) Lee Moor Constr. Co., El Paso, Texas, \$246,543.45  
 (b) Pearson & Kickerson, Tempe, Arizona, 253,802.41  
 (c) Ken Hodgman, Phoenix, Arizona, 257,121.34  
 (d) Packard Contr. Co., Phoenix, Arizona, 261,312.61  
 (e) George Orr, El Paso, Texas, 264,956.91

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 44	.43	.49	.44	.60
(2)	.33	.3225	.3675	.33	.45
(3)	.30	.30	.25	.16	.30
(4)	.02	.02	.04	.03	.05
(5)	1.10	1.00	1.00	1.00	1.25
(6)	.025	.02	.02	.03	.025
(7)	.40	.30	.30	.44	.30
(8)	.16	.20	.20	.20	.20
(9)	.12	.30	.22	.19	.22
(10)	.80	.78	.75	.88	.65
(11)	.17	.17	.20	.15	.15
(12)	1.25	3.00	3.00	2.55	3.00
(13)	2.70	3.00	4.00	2.15	3.00
(14)	23.00	23.00	23.00	23.00	20.00
(15)	23.00	23.00	23.00	23.00	20.00
(16)	.055	.06	.06	.07	.055
(17)	2.00	2.00	1.81	2.08	2.00
(18)	2.75	3.00	2.75	3.00	3.00
(19)	3.00	3.50	4.45	3.50	3.90
(20)	5.75	5.00	5.25	5.50	4.90
(21)	6.50	6.00	6.00	6.50	5.50
(22)	7.50	7.00	8.50	7.50	8.50
(23)	2.75	2.25	2.00	3.75	5.00
(24)	.065	.08	.06	.085	.0725
(25)	3.00	6.00	6.00	3.00	6.00
(26)	18.00	20.00	22.00	20.00	20.00
(27)	1.15	1.30	1.25	1.50	1.30
(28)	2.50	3.00	4.50	3.00	3.00
(29)	2.25	1.50	2.50	2.75	3.00
(30)	2.50	2.00	2.50	3.00	3.00
(31)	.25	.25	.15	.50	.25
(32)	135.00	120.00	124.00	140.00	120.00
(33)	1.00	1.00	1.05	1.10	1.00
(34)	2.50	2.25	3.50	2.00	3.00
(35)	.60	.60	.60	1.00	1.00
(36)	6.00	11.00	12.00	8.00	10.00
(37)	.07	.08	.065	.09	.09
(38)	1.00	1.00	1.00	2.00	3.00
(39)	.45	.60	.60	.68	.60

#### COMPLETE BIDS

SKAMANIA CO., Wash.—Halloran Bros., Seattle, Wash., at \$48,340.08 (Metal Pipe), and \$48,776.59 (Concrete Pipe), submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 0.9627 mile improving the St. Helens Highway Grading Project 15-A7, National Forest Road Project, Columbia National Forest in Skamania Co.

Total bids follow:

- (1) Metal Pipe: (2) Concrete Pipe.  
 (a) Halloran Bros., Seattle, Wash., (1) \$48,340.08  
 (2) 48,776.59  
 (b) Homer G. Johnson, Portland, Oregon, (1) \$52,927.70  
 (2) 53,099.70  
 (c) Carbon Bros., Spokane, Wash., (1) 54,529.69  
 (2) 54,539.39  
 Complete bids on file at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

#### CONTRACT AWARDED

OAKLAND, Calif.—Pacific Oxygen Co., 265 Tenth St., San Francisco, at \$2,375 on Item 1 and \$23,500 on Item 2, and Linde Air Products, Eighth and Brannan Sts., San Francisco, at \$4,637.50 on Item 2 and \$160.00 on Item 4, were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland.  
 (1) 255,000 cu. ft. oxygen gas;

- (2) 1750 cu. ft. acetylene gas;  
 (3) 5000 cu. ft. oxygen gas;  
 (4) 5,000 cu. ft. acetylene gas.

#### BIDS WANTED

BEVERLY HILLS, Cal.—Until July 12, 10 A. M., bids will be received by the Beverly Hills Board of Education for the construction of retaining walls, curbs, sump and drain, walks, steps and asphalt paving and for grading at the Beverly Hills high school site. Plans may be obtained at the office of the board in the City Hall.

#### COMPLETE BIDS

VENTURA COUNTY, Cal.—As previously reported, J. E. Haddock, Ltd., 351 N. Chester Ave., Pasadena, at \$27,551.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 805, State Bldg., Los Angeles, for applying road-mix surface treatment to the shoulders of 28.7 miles of highway between Route 2 and 2.5 miles east of Moorpark, and between Camarillo and Buxton (VII-Ven-9,2-AEB) in Ventura County.

Work involves:  
 (1) 191,000 sq. yds. prepare, mix and shape shoulders (Loc. A);  
 (2) 1560 tons liq. asphalt SC-2 (Loc. A)  
 (3) 45,500 sq. yds. prepare, mix and shape shoulders (Loc. B);  
 (4) 360 tons liq. asphalt SC-4 (Loc. B).

Total bids follow:

- (A) J. E. Haddock, Ltd., Pasadena, \$27,551.50  
 (B) Dimmitt & Taylor, Los Angeles, \$28,710.00  
 (C) Oswald Bros., Los Angeles, \$28,901.50  
 (D) Southern California Roads Co., Los Angeles, \$29,909.00  
 (E) Oilfields Truck Co., Bakersfield, \$30,451.20  
 (F) A. S. Vinnell Co., Los Angeles, \$31,049.50.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	1.00	\$.055	\$7.00	\$.055
(B)	.06	.06	7.00	.06
(C)	.055	.055	7.65	.055
(D)	.08	.08	8.65	.05
(E)	.06	.06	7.89	.06
(F)	.06	.06	8.10	.065

#### BIDS WANTED

WILLITS, Mendocino Co., Calif.—Until July 20, 8:00 p.m., bids will be received by Mrs. Una G. Keller, Clk., Willits Union High School District, Willits, Calif., for grading, draining and surfacing the drive in front of the Willits High School Building.

Work involves:

- (1) 120 c.v. imported base material;  
 (2) 2300 sq. yds. prepare sub-base by scarifying, hading, water binding and rolling;  
 (3) 230 sq. yds. apply 1-in. armor  
 (4) Provide proper drainage through grading or with use of culverts.  
 Plans and specifications may be obtained from above office.

#### BIDS WANTED

NAVAJO-APACHE COS., Ariz.—Until July 16, 10:30 a.m., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for furnishing and applying a seal mix to the asphalt surface about 14 1/2 miles northeast of Holbrook, easterly about 6 1/2 miles to the Navajo-Apache County Line.

Work involves:

- (1) 112 tons Class A emulsified asphalt;  
 (2) 550 c.v. screenings.  
 Plans and specifications may be obtained from above office and at the office of the Associated General Contractors, Lubra Bldg., Phoenix, Arizona.

## COMPLETE BIDS

DOUGLAS CO., Ore.—As previously reported Clifford A. Dunn, Klamath Falls, Oregon, at \$40,963, submitted bid to Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for improving 3.829 miles of roadway in the Cascade Lakes Highway Grading Project 46-A2-B, National Forest Rd. Proj., Umpqua National Forest, in Douglas county.

Total bids follow:

(1) metal pipe; (2) concrete pipe.	
(A) Clifford A. Dunn, Klamath Falls, Oregon.....	(1) \$40,963.70
	(2) 42,297.65
(B) F. C. Dillard, Medford, Oregon.....	(1) \$41,222.70
	(2) 41,706.60
(C) M. L. O'Neil & Son, Eugene.....	(1) \$42,969.15
	(2) 43,297.65
(D) E. L. Gates, Trail.....	(1) \$44,504.80
	(2) 44,913.30
(E) McNutt Bros., Eugene, Oregon.....	(1) \$46,088.70
	(2) 44,958.70
(F) McNutt Bros., Eugene.....	(1) \$46,088.70
	(2) 45,958.70
(G) Leonard & Slate, Multnomah.....	(1) \$50,324.00
	(2) 51,464.00
(H) E. F. Webber, Medford.....	(1) \$55,145.00
	(2) 55,859.50

## BIDS WANTED

VALLEJO, Solano Co., Cal.—Until July 15, 11 a. m., bids will be received by Alf. E. Edgcomb, City Clerk, Vallejo, for the grading and paving of Indiana Street between Sacramento and Marin Streets.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

ORANGE COUNTY, Calif.—Until July 19, 2 P. M., bids will be received by S. V. Cortelyou, District Engineer, District VII, State Division of Highways, 808 State Building, Los Angeles, for surfacing with plant-mixed surfacing and constructing borders between the north city limits of Orange and 2 miles north on Road VII-Or-43-B.

- Work involves:
- 1,020 tons mineral aggregate in place (borders);
  - 54 tons liquid asphalt MC-extra heavy in place (borders);
  - 10 tons liquid asphalt RC-1, in place (paint binder);
  - 1,000 tons mineral aggregate, in place (surfacing);
  - 100 tons liquid asphalt MC-4 or MC-5 in place (surfacing).

Plans and specifications may be obtained from above office.

## BIDS WANTED

PALM ALTO, Santa Clara Co., Cal.—Until July 12, 7:30 P. M., bids will be received by Winifred Kidd, City Clerk, Palo Alto, for street improvements of Forest Ave. from Lincoln Ave. to Center St., of Pitman Ave. from Lincoln Ave. to Center St., of Martin Ave. from Lincoln Ave. to Forest Ave. to Channing Ave.

- Work involves:
- 118,000 sq. ft. surf. grading;
  - 7,150 sq. ft. Class B portland cement concrete gutters;
  - 63,320 sq. ft. Class B 6-in. portland cement concrete pavement;
  - 350 lf. type A portland cement concrete curbing;
  - 5,380 lf. type B portland cement concrete curbing;
  - 35,000 sq. ft. 4-in. portland cement concrete sidewalk;
  - 1,960 lf. 8-in. vit. clay sewer pipe;
  - 60 4-in. vit. clay sewer connections installed;
  - 60 1-in. water service connections installed;

- 60  $\frac{3}{4}$ -in. gas connections installed;
- 7 brick manholes installed;
- 60 storm water catchbasins, installed already installed;
- 1,325 lf. 15-in. portland cement concrete sewer pipe;
- 160 lf. 10-in. do;
- 17 electroliers, installed with conduit, cable and glassware.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until July 12, 11 a. m., bids will be received by Pasadena city clerk for improvement of N. Hill Avenue between E. Colorado and E. Washington Sts., 8820 in. ft. The project will be financed by gasoline tax funds and the estimated cost of contract work is \$33,360.52; estimated cost of materials to be furnished by city, \$3542.68.

Plans and specifications may be obtained from above office.

## BID OPENING POSTPONED

PASADENA, Los Angeles Co., Cal.—Until July 15, 11 a. m. (date postponed from July 12), bids will be received by Pasadena city clerk for improvement of North Hill Avenue, between E. Colorado and E. Washington Sts., 8820 lf. The project will be financed by gasoline tax funds and the estimated cost of contract work is \$33,360.52; estimated cost of materials to be furnished by city, \$3542.68.

## BIDS WANTED

LOS ANGELES, Calif.—Until July 14, 10 a. m., bids will be received by Los Angeles Harbor Department for asphalt pavement, shed floors, wharf decks and roadways; Spec. 970.

- 3000 tons asphalt concr. base material;
- 3000 tons asphalt concr. wearing surf., No. 2;
- 300 tons fine sheet asphalt or coarse sheet asphalt wear. surf.

July 2, 1937

## BID OPENING POSTPONED

SAN FRANCISCO.—Until July 21, 2:30 P. M., (date postponed from July 14) bids will be received by Department of Public Works, Room 251, City Hall, for improving Carolina St. between 22nd and 23rd Sts., where not already improved. Est. cost, \$2,765.

- Work involves:
- 50 lf. 10-in. unarmored concrete curb;
  - 528 lf. unarmored curb;
  - 1650 sq. ft. one-course concrete sidewalk;
  - 4000 sq. ft. 6-in. Class E concrete pavement;
  - 2462 square feet asphalt concrete pavement consisting of 4-in. asphaltic concrete base and 2-in. asphalt wearing surface.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.

## Contract Awarded

YERBA BUENA ISLAND, Calif.—Lee J. Immell, 1031 Evelyn Street, Berkeley, awarded contract by the San Francisco Bay Exposition Co., for the first unit of road construction on Yerba Buena Shoals. The road will be used primarily to facilitate construction work on the Shoals.

## LOW BIDDERS

SAN BERNARDINO CO., Calif.—United Concrete Pipe Corp., Box 3, Sta. H, Los Angeles, at \$369,453.10, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg.,

Los Angeles, for grading and paving with asphalt concrete about 20.8 miles of highway between Los Angeles county line and San Bernardino (VII-SBD-9-D, Upl.A.B.Ris. C, and SBD), in San Bernardino Co.

Three low bids follow:  
 United Concrete Pipe Corp., Box 1, Sta. H, Los Angeles..... \$369,453.10  
 W. B. Hall Co., Los Angeles..... 396,841.00  
 Oswald Bros., L. A..... 409,285.50  
 Complete bids will be published shortly.

## LOW BIDDERS

VENTURA CO., Calif.—J. E. Haddock, Ltd., 257 N. Chester Ave., Pasadena, Calif., at \$27,851.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for applying road-mix surface treatment to the shoulders of 2.7 miles of highway between Route 2 and 2.5 miles east of Moorpark, and between Camarillo and Beetox (VII-Ven-9.2-AB-C), in Ventura County.

Three low bids follow:  
 J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena—\$27,851.50.  
 Dimmitt & Taylor, Los Angeles, Calif.—\$24,710.00.  
 Oswald Bros., Los Angeles—\$28,901.50.

Complete bids will be published shortly.

## LOW BIDDERS

HUMBOLDT COUNTY, Nevada—Heafey Moore Co., 344 High Street, Oakland, at \$163,029.31 submitted low bid to Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for construction of approximately 7.12 miles highway from a point five miles west of Winnemucca to and through the City of Winnemucca, Route 1, Sections A1, A3, and A4, in Humboldt County.

Three low bids follow:  
 Heafey Moore Co., 344 High Street, Oakland, at \$163,029.31  
 A. Teichert & Son, Sacramento, \$165,639.35.

Frederickson & Westbrook, Lower Lake, \$173,253.99.

Complete bids will be published shortly.

## BIDS WANTED

SHASTA CO., Calif.—Until July 27, 2 p. m., bids will be received by C. J. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for grading about 5.132 miles, Section J of Rte. 77, the Mt. Shasta-Mt Lassen National Forest Highway, Shasta National Forest, Shasta Co.

- Work involves:
- 35 A. clearing;
  - 33.5 A. grading;
  - 142,100 c.y. unclass. excav.;
  - 770 c.y. unclass. excav.;
  - 15,000 c.y. unclass. excav. for borrow;
  - 794,000 sta. yds. overhaul;
  - 28 c.y. concrete;
  - 28,260 lbs. reinf. steel;
  - 0.75 MFBM untreated timber;
  - 304 c.y. loose rock retaining wall;
  - 400 lf. 8-in. asphalt dipped C&S 8M pipe;
  - 1,875 lf. corrug. CGSMP;
  - 6 spillway inlets;
  - 48 lf. placing Govt furnished 36-in. CGSMP;
  - 5 drop inlets;
  - 28 right-of-way monuments;
  - 36 culvert markers.

Plans and specifications may be obtained from above office upon deposit of \$10.00.

## BIDS WANTED

MODOC COUNTY, Calif.—Until July 16, 2:00 P. M., bids will be re-

ceived by F. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for surfacing with road-mix about 11.5 miles bet. 2.5 miles west of Cedarville and the State Line.

Plans and specifications may be obtained from above office.

#### CONTRACT AWARDED

SAN FRANCISCO—M. Bertolino, 32 Shotwell St., San Francisco, at \$2750 awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19014, for the construction of sidewalks on California St., bet. Tenth Ave. and 104 feet east and numerous other locations. The work involved 13,000 square feet of two-course concrete sidewalk.

#### CONTRACT AWARDED

SAN MATEO—City Union Paving Co., Babcock Bldg., San Francisco, at \$44,352.80, was awarded contract by San Mateo City Council, City Clerk, City Hall, San Mateo, for grading, paving, sewer work and electroliners on Fourth and San Mateo Drive, San Mateo.

Work involves:

- (1) Grading, including removal of trees, shrubs;
- (2) For the construction of concrete sidewalks in place complete;
- (3) For the construction of concrete curbs, gutters, Class A concrete, complete in place;
- (4) For the construction of 6-inch concrete pavement in place, complete;
- (5) For the construction of 6-inch concrete base pavement in place, complete;
- (6) For the construction of pipe, street sewers, including excavation, backfills, etc.;
- (7) For the construction of 6-inch vitrified clay sewer pipes, including excavation, backfills, etc.;
- (8) For the construction of 4-inch vitrified clay sewer pipes, etc., including excavation, backfill;
- (9) For the construction of Red Burnt brick basin, capped with cast-iron grating;
- (10) For the construction of Red Burnt brick manholes, capped with cast-iron frame covers;
- (11) Constructing electroliners, consisting of standards, foundations, saving coils, disconnecting wires, etc.;
- (12) Furnishing 1½-in. conduit, shown in plans and specifications;
- (13) Furnishing and installing electric cables;
- (14) Asphaltic concrete pavement, complete in place.

Complete bids follow:

(A) Union Paving Co., Call Bldg S F.	\$44,352.80
(B) Eaton & Smith	45,630.57
(C) Chas L Harney	46,933.76
(D) A. G. Raible	48,559.49

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ .50	\$ .56	\$ .50	\$ 1.50
(2)	.16	.17	.16	.14
(3)	11.00	12.00	13.00	12.00
(4)	.20	.21	.22	.20
(5)	.27	.2875	.27	.24
(6)	1.60	1.49	1.50	1.10
(7)	1.00	.70	1.10	.88
(8)	.80	.90	1.00	.70
(9)	70.00	70.00	100.00	70.00
(10)	70.00	85.00	100.00	80.00
(11)	300.00	200.00	250.00	274.00
(12)	.40	.48	.48	.70
(13)	.40	.35	.35	.16
(14)	5.00	5.30	8.00	5.00

#### CONTRACT AWARDED

VENTURA CO., CALIF.—J. E. Hadcock, Ltd 351 N Chester Ave., Pasadena, at \$27,851.50, was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engi-

### LEWIS CO., WASH.—GRADING—(Govt.)

LEWIS CO., Wash.—Williams & Douglas, Tacoma, Wash., at \$57,122.50, (metal pipe), and \$57,122.50 (concrete pipe), submitted low bid to Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., for improving 0.650 mi. of highway on the Randle-Yakima (West Side) Highway-Grading Project 13-V, National Forest Road Project, Lewis County, Wash.

Work involves:

- (1) All dump, extra and misc. force account work;
- (2) 13 A. clearing;
- (3) 8 A. grubbing;
- (4) 89,000 c.y. uncl. excav.;
- (5) 300 c.y. uncl. excav. for strucs.;
- (6) 500 c.y. uncl. excav. for borrow;
- (7) 1000 sta. yds. special overhaul;
- (8) 2 A. roadside cleanup;
- (9) 0.555 mi. finishing earth graded

(A) Williams & Douglas, Tacoma, Wash.	(1)	\$57,122.50
(B) Lucich Co., Seattle, Wash.	(1)	57,751.75
(C) Sam Orino, Bonneville, Ore.	(2)	58,217.75
(D) Carl Nyberg, Spokane, Wash.	(1)	64,625.00
(E) A. C. Greenwood Co., Inc., Portland, Ore.	(2)	64,660.00
(F) Colonial Construction Co., Spokane, Wash.	(1)	68,066.50
(G) C. E. Oneal Co., Inc., Ellensburg, Wash.	(1)	71,607.50
	(2)	71,677.50
	(1)	72,001.50
	(2)	72,071.50
	(1)	76,077.50
	(2)	76,077.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$400.00	\$400.00	\$400.00	\$300.00	\$400.00	\$400.00	\$400.00
(2)	400.00	550.00	600.00	500.00	450.00	450.00	500.00
(3)	500.00	400.00	500.00	250.00	400.00	350.00	400.00
(4)	.475	.48	.51	.60	.63	.65	.70
(5)	1.50	1.50	1.50	1.50	1.50	2.00	1.50
(6)	.40	.35	.40	.40	.63	.30	.50
(7)	.05	.02	.05	.20	.03	.05	.10
(8)	150.00	300.00	400.00	250.00	200.00	300.00	200.00
(9)	1000.00	350.00	1000.00	300.00	500.00	300.00	500.00
(10)	3.00	3.50	7.00	2.50	3.00	5.00	3.00
(11)	25.00	25.00	35.00	30.00	25.00	39.00	30.00
(12)	.07	.075	.10	.08	.10	.40	.10
(13)	15.00	13.50	20.00	20.00	17.00	17.00	20.00
(14)	25.00	24.00	25.00	25.00	30.00	20.00	30.00
(15)	2.50	3.00	2.75	2.50	3.00	3.00	4.00
(16)	2.75	3.50	3.00	3.00	4.00	3.00	5.00
(17)	3.25	4.00	3.50	4.50	6.00	5.00	6.00
(18)	2.50	2.50	2.50	2.50	2.50	2.50	3.00
(19)	1.00	.75	.75	1.25	1.50	1.25	1.00

ner, Room 808, State Bldg., Los Angeles, for applying road-mix surface treatment to the shoulders of 2.87 miles of highway between Route 2 and 2.5 miles east of Moorpark, and between Camarillo and Buxton (VII, Ven-9.2-ABBC) in Ventura County.

#### BIDS OPENED

SAN BERNARDINO CO., CALIF.—R. E. Hazard & Sons, P.O. Box 1438, San Diego, at \$27,807, submitted low bid to the State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for seal coat to be applied to the existing pavement on about 82.4 miles between Arroyo and Essex and between Needles and Vidal.

Plans and specifications may be obtained from above office.

Work involves:

- (1) 670 tons liq. asp., SC-4, in place;
- (2) 1870 cu. y. sand, location A, in place;
- (3) 53.7 mi. cover matl., location B, in place.

Complete bids were:

R. E. Hazard & Sons—(1) \$19.	(2)	\$275.
(3) \$185; total, \$27,807.		
A. S. Vinnell Co.—(1) \$23.	(2)	\$270.
(3) \$194; total, \$30,502.50.		

#### COMPLETE BIDS

RIVERSIDE CO., CALIF.—Oswald Bros., 366 E. 58th St., Los Angeles,

- road;
- (10) 80 sq. ft. dangerous trees and snags;
- (11) 200 c.y. Class A concrete;
- (12) 4000 lbs. reinf. steel;
- (13) 85 c.y. Class A cement stone masonry (walls and headwalls);
- (14) 10 c.y. Class A cement stone masonry (gr. rail Type 2);
- (15) 140 lf. 18-in. std. reinf. concr. culv. pipe Atl. 253(1);
- (16) 130 lf. 18-in. ex. str. reinf. conc. culv. pipe;
- (17) 120 lf. 24-in. ex. str. reinf. conc. culv. pipe;
- (18) 140 lf. 18-in. bit. coated perf. corr. sh. met. pipe, Type 1;
- (19) 80 lf. 6-in. bit. coated perf. corr. sh. metal pipe underdrain, Type 2.

Total bids follow: (1) Metal pipe; (2) Concrete pipe.

at \$12,735, submitted low bid to State Division of Highways, E. O. Sullivan, District Engineer, 247 3rd St., San Bernardino, for seal coat to be applied to the existing pavement on about 22.2 mi. between Orange County line and Elsinore and between Temecula and San Diego County line.

Work involves:

- (1) 2850 tons sand in place;
- (2) 265 tons liquid asphalt, SC-4.

Complete bids were:

Oswald Bros., Los Angeles—(1) \$3.	(2)	\$15; total, \$12,465.
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R. E. Hazard & Sons, San Diego—

(1) \$325; (2) \$1750; total, \$13,835.

Geo. Herz, San Bernardino—(1)

\$360; (2) \$14; total, \$13,898.

Match Bros., Elsinore—(1) \$3.00,

(2) \$16; total, \$14,228.

A. S. Vinnell Co., Los Angeles—(1)

\$110; (2) \$1625; total, \$15,909.25.

#### COMPLETE BIDS

GILA COUNTY, Arizona.—As previously reported, H. J. Hagen, Globe, Arizona, at \$45,043, submitted low bid to U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Bldg., Phoenix, for grading Section E of Route 11, the Payson-Colecord Mountain National Forest, Gila County, Ariz., a distance of approximately 1.863 miles. The work involves:



- (1) 7 A. clearing;
- (2) 7 A. grubbing;
- (3) 23,800 c.y. unclass. excav.;
- (4) 700 c.y. class A. excav. for structure;
- (5) 4,500 c.y. unclass. excav. for borrow;
- (6) 605,600 sta. yds. overhaul;
- (7) 4,100 lf. furrow ditches;
- (8) 1,852 mi. lin. earth graded rda.;
- (9) 162 c.y. class A concrete;
- (10) 15 c.y. class B concrete;
- (11) 136 c.y. class B concrete;
- (12) 56,500 lbs. reinf. steel;
- (13) 1.1 M. ft. untreated timber;
- (14) 345 c.y. class B cement stone masonry;
- (15) 204 ft. 18-in. CGSMP;
- (16) 124 ft. 30-in. CGSMP;
- (17) 56 ft. 36-in. CBSMP;
- (18) 44 ft. 54-in. CGSMP;
- (19) 182 ft. remove, clean, relay existing C.M. pipe;
- (20) 6 right of way monuments;
- (21) 280 ft. barbed wire fence;
- (22) 1775 ft. remove and reset existing fence;
- (23) 1 gate, type 1;
- (24) 13 culvert markers;
- (25) 4 guide posts.

The total bids were:  
 (A) H. J. Hagen, Globe, \$45,043.  
 (B) All-Arizona Engr. & Const. Co., Clifton, \$46,355.  
 (C) Lewis Bros., Phoenix, \$47,489.70.  
 (D) O. F. Fisher, Phoenix, \$48,652.50.  
 (E) Bennett & Taylor, Los Angeles, \$48,662.15.

Unit bids were:

	(A)	(B)	(C)	(D)
(1)	\$200.00	\$109.00	\$100.00	\$175.00
(2)	29.00	25.00	50.00	150.00
(3)	69	70	70	65
(4)	2.00	3.00	2.00	2.00
(5)	.60	.50	.50	.28
(6)	.005	.004	.0075	.05
(7)	.10	.03	.05	.10
(8)	50.00	150.00	100.00	1000.00
(9)	25.00	30.00	32.00	29.00
(10)	25.00	25.00	31.00	28.00
(11)	30.00	31.00	33.00	30.00
(12)	.07	.06	.06	.08
(13)	200.00	160.00	150.00	100.00
(14)	16.00	18.00	14.00	18.00
(15)	2.50	2.50	2.25	2.50
(16)	5.00	4.70	4.75	5.00
(17)	6.00	5.50	5.50	7.00
(18)	10.00	9.00	8.50	12.00
(19)	1.00	1.50	2.00	1.50
(20)	5.00	2.50	5.00	5.00
(21)	.10	.10	.20	.10
(22)	.04	.06	.10	.07
(23)	25.00	25.00	20.00	30.00
(24)	3.00	2.50	2.00	3.25
(25)	3.00	2.50	2.00	3.00

	(A)	(B)	(C)	(D)
(1)	\$180.00	(2)	\$120.00	
(3)	60	(4)	1.50	
(5)	.75	(6)	.008	
(7)	.09	(8)	.42500	
(9)	30.00	(10)	23.00	
(11)	28.50	(12)	.07	
(13)	10.00	(14)	17.00	
(15)	2.40	(16)	5.20	
(17)	6.20	(18)	10.00	
(19)	1.50	(20)	4.00	
(21)	.15	(22)	.13	
(23)	30.00	(24)	2.50	
(25)	3.00			

**CONTRACT AWARDED**  
 TULARE CO., Calif.—Union Paving Co., Babcock Bldg., San Francisco, at \$24,250, was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, for surfacing with armor coat and applying road-mix surface treatment to shoulders on about 10.3 mi. of highway between Visalia and Stafford's Corner (VI-Tul-133-129-A, E) in Tulare County.

**LOW BIDDERS**  
 COCONINO, Ariz.—Ken Hodgman, Flagstaff, submitted low bid to the State Highway Engineer, Phoenix, at \$59,778, for Flagstaff-Winslow Highway FA 21, 1st resp (1937), AFE 6679. Work extends 1/2 mile mostly within city limits of Flagstaff, con-

**SONOMA COUNTY—SURFACING—(State)**

SONOMA COUNTY, Cal.—Peter J. McHugh, 3004 16th St., San Francisco at \$30,069.50, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing about 1.8 mi. roadway, and the construction of a timber bridge, between 1.2 mi. and 3.0 mi. east of Petaluma, in Sonoma County.

- The work involves:  
 (1) 250 M. gals. water;  
 (2) 250 c.y. struc. excav.;
  - (3) 1,500 c.y. ditch and channel excavation;
  - (4) 22,000 sq. yds. roadbed treatment;
  - (5) 12,000 c.y. imported borrow;
  - (6) 88 sta. finishing roadway;
  - (7) 2,850 tons mineral aggregate (plant-mix surf.);
  - (8) 150 tons liq. asphalt, MC-5 or MC-extra heavy plant mix surf.;
  - (9) 5 tons asphaltic emulsion (prime coat);
  - (10) 12 tons liq. asphalt, MC-2 (prime coat);
  - (11) 14 tons liq. asphalt, MC-3 (seal coat);
  - (12) 236 tons screenings (seal coat);
  - (13) 650 c.y. shoulder trench excav.;
  - (14) 26 tons liq. asphalt, SC-1A (shoulders);
  - (15) 12 tons liq. asphalt, SC-3 (shoulders);

- (16) 2,800 lbs. bar reinf. steel struc.;
- (17) 25 c.y. Class A portland cement conc. struc.;
- (18) 11.5 MFMB dense, select, all-heart struc. Redwood;
- (19) 3.5 MFMB select, all-heart struc. Redwood;
- (20) 1,060 lf. furnish Redwood piles, include test pile;
- (21) 35 each, driv. piles, including test pile;
- (22) 2 each, clearance markers;
- (23) 64 lf. 12-in. CMP;
- (24) 104 lf. 18-in. CMP;
- (25) 120 lf. 24-in. CMP;
- (26) 1.6 MI. new property fence;
- (27) 5 each, drive gates;
- (28) 12 each, monuments complete, in place.

The State will furnish CMP.  
 Total bids follow:  
 (A) Peter J. McHugh, 3004 16th St., San Francisco, \$30,069.50.  
 (B) A. A. G. Raisch, San Francisco, \$31,249.50.  
 (C) Chas. L. Harney, San Francisco, \$31,867.70.  
 (D) Claude C. Wood, Stockton, \$32,298.40.  
 (E) Harold Smith, St. Helena, \$32,516.90.  
 (F) Pacific States Const. Co., S. F., \$35,961.40.  
 (G) A. Soda & Son, Oakland, \$41,963.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 1.00	\$ 2.50	\$ 1.50	\$ 2.00	\$ 1.50	\$ 2.50	\$ 2.00
(2)	1.50	1.50	1.50	1.50	1.50	1.50	2.50
(3)	1.00	.75	.35	.50	1.00	.60	1.00
(4)	.02	.05	.06	.05	.04	.08	.12
(5)	.56	.70	.65	.75	.70	.85	.83
(6)	5.00	5.90	15.00	5.00	8.00	5.25	12.00
(7)	3.40	3.40	3.25	3.50	3.30	4.25	4.10
(8)	17.00	17.00	18.50	17.00	17.10	17.50	20.00
(9)	25.00	20.00	30.00	26.00	24.00	21.00	35.00
(10)	18.00	20.00	23.00	22.50	19.60	24.00	25.20
(11)	19.00	20.00	29.00	22.50	20.00	24.00	27.00
(12)	2.60	3.00	3.00	2.90	3.00	4.00	4.25
(13)	.50	.75	.80	.50	1.25	.80	1.50
(14)	12.00	15.00	18.00	14.00	14.50	17.50	23.00
(15)	14.00	16.00	18.00	20.00	16.50	20.00	25.00
(16)	.06	.05	.06	.10	.06	.06	.07
(17)	27.00	20.00	30.00	27.00	26.00	30.00	30.00
(18)	10.00	90.00	120.00	45.00	120.00	120.00	150.00
(19)	105.00	90.00	120.00	87.00	120.00	110.00	140.00
(20)	.35	.45	.52	.65	.70	.50	1.00
(21)	56.00	15.00	18.00	25.00	25.00	50.00	35.00
(22)	5.00	5.00	20.00	20.00	15.00	10.00	10.00
(23)	.50	.50	.50	.75	.40	.50	1.00
(24)	.60	.50	.75	.75	.40	.60	1.50
(25)	.75	.50	.90	1.00	.40	.80	2.00
(26)	500.00	500.00	625.00	550.00	600.00	650.00	600.00
(27)	40.00	25.00	20.00	20.00	25.00	20.00	40.00
(28)	2.50	3.00	4.00	3.00	3.00	4.00	5.00

sists of grading, draining, furnishing and placing select material, concrete pavement, concrete curb, concrete curb and gutter, removing old pavement and other incidental work; and is to be completed on or before Nov. 30. The next two low bids were: Phoenix-Tempe Stone Co., \$62,312. L-wis Bros., Phoenix, \$62,874.

**BIDS WANTED**  
 STATE OF WASHINGTON.—Until July 20, 10:30 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway and bridge construction, as follows:

Chelan County: Clearing, grading, draining and surfacing on about 4.1 mi. of Primary State Highway No. 15, Merritt to Leavenworth, Unit 2 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 62,320 cu. y. of excavation, 22,710 cu. y. of ballast, 9,110 cu. y. of crushed stone surfacing, 2,096 lf. of reinforced concrete cribbing headers and stretchers, 1,417 lf. of pipe culverts and other items.

Chelan County: Clearing, grading, draining, surfacing and constructing

a reinforced concrete slab bridge on about 3.6 mi. of Primary State Highway No. 15, Merritt to Leavenworth, Unit 3 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 106,270 cu. y. of excavation, 24,320 cu. y. of selected roadway borrow, 11,310 cu. y. of crushed stone surfacing, 6932 cu. y. of concrete, 53,990 lbs. of steel reinforcing bars, 19,652 lf. of reinforced concrete cribbing headers and stretchers, 1,765 lf. of pipe culverts, and other items.

Chelan County: Clearing, grading, draining and surfacing on about 5.0 miles of Primary State Highway No. 15, Merritt to Leavenworth, Unit 4 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 169,810 cubic yards of excavation, 33,280 cubic yards of ballast, 15,480 cubic yards of crushed stone surfacing, 620 cubic yards of concrete, 15,500 linear feet of reinforced concrete cribbing headers and stretchers, 38,710 pounds of steel reinforcing bars, 2,063 linear feet of pipe culverts, and other items.

Grant - Lincoln - Spokane Counties:

Grading, surfacing and constructing a treated pile and subgrade treatment about 0.2 mile of Primary State Highway No. 2, Almira North, Section 1; constructing a light bituminous surface treatment and nonskid seal on about 19.4 miles of Primary State Highway No. 2, Almira to Grand Coulee Dam, Section 2; constructing a nonskid seal on about 14.2 miles of Secondary State Highway No. 4-C, Junction Primary State Highway No. 4, North of Wabula, on construction Primary State Highway No. 2, North of Almira, Section 3; manufacturing and stockpiling crushed stone surfacing and mineral aggregates and constructing a light bituminous surface treatment on about 5.6 miles of Secondary State Highway No. 3-H, Opportunity South, Section 4; State Projects, in Grant, Lincoln and Spokane Counties, Washington, involving about 1,920 cubic yards of excavation, 7,030 cubic yards of crushed stone surfacing in stockpiles, 7,100 cubic yards of mineral aggregates in stockpiles, 676 tons of bituminous cement, 25 MFBM to concrete-treated timber and lumber, 480 linear feet of timber piling, 42 linear feet of pipe culverts, and other items.

Skagit and King Counties: Constructing Bituminous Macadam Class B Penetration Type, Light Bituminous Surface Treatment, Bituminous Surface Treatment Road Mix Type—Class B, Bituminous Retread Surface and Nonskid Seal on about 22.1 miles of Primary State Highway No. 5 and Secondary State Highways No. 1-D and No. 5-A; Section 1, Secondary State Highway No. 1-D, Deception Pass East; Section 2, Primary State Highway No. 5, Kraim to Summit; Section 3, Secondary State Highway No. 5-A, Summit West and Section 4, Primary State Highway No. 5, Enumclaw East; State Projects, in Skagit and King Counties, Washington, involving about 1,241 tons of bituminous cement, 2,120 cubic yards of mineral aggregate, 252 linear feet of pipe culverts, and other items.

Yakima - Benton Franklin and Walla Walla Counties: Grading, surfacing and constructing Bituminous Surface Treatments, Plant-Mix Type—Class F, Nonskid Seal and Retread on Primary State Highway No. 2, Section 1, from Pasco about 10.8 miles; Section 2, Atlatia to Wabula, about 2.6 miles; Section 3, Klona to Prosser, about 14.9 miles; on Primary State Highway No. 5; Section 4, Tieton Canal Intake to Nacheen River, about 15.7 miles; on Primary State Highway No. 8; Section 5, Buna to Dry Creek, about 13.0 mi.; State Projects, in Yakima, Benton, Franklin and Walla Walla Counties, Washington, involving about 29,590 cubic yards of excavation, 500 cubic yards of crushed stone surfacing, 18,735 cubic yards of special ballast, 2,820 cubic yards of mineral aggregates, 1,000 linear feet of Tuthill Guard Rail 1673 tons of bituminous cement, and other items.

Snohomish and Skagit Counties: Constructing Light Bituminous Surface Treatment Bituminous Retread Surface and Bituminous Surface Treatment on Primary State Highway No. 15; Section 1, Halford to Index about 4.3 miles; on Primary State Highway No. 1, Section 2, Beverly Park to Everett, about 2.8 miles of Secondary State Highway No. 17-A, Hamilton to Birdsview about 5.6 miles; State Projects, in Snohomish and Skagit Counties, Wash. involving about 109 tons of bituminous cement, 850 cubic yards of crushed stone surfacing, 915 cubic yards of mineral aggregates, and other items.

Skamania and Klickitat Counties: Constructing cable guard rail on

about 4.3 miles of Primary State Highway No. 8, Cook to Bingen, State Project, in Skamania and Klickitat Counties, Washington, involving about 24,593 linear feet of cable guard rail design No. 6.

Plans and specifications may be obtained from above office upon de-

**CONTRACT AWARDED**  
SAN FRANCISCO, Calif.—Chas. L. Harney, 433 Call Bldg., San Francisco, at \$129,70, awarded contract by B. P. Lamb, Secretary, Park Commissioners, Park Lodge, Golden Gate Park, for an asphaltic concrete fine surface at the Palace of Fine Arts, San Francisco.

**LAKE CO., OREGON—GRADING—(Govt.)**

LAKE CO., Oregon.—As previously reported, A. C. Greenwood, 3201 NW Front St., Portland, at \$98,975, submitted low bid to U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., for 5,6383 m. grading and 4,6222 m. surfacing of the Klamath Falls-Lakeview Highway, Reconstruction and Grading Project 30-B, National Forest Road Project, Fremont National Forest, Lake County, Ore.

- Work involves:
- (1) All reqd. paint, exist. road for traffic, etc.;
  - (2) All reqd. extra and misc. force account work;
  - (3) 17 A. clearing (incl. grubbing);
  - (4) 86,000 c.y. uncl. excav.;
  - (5) 800 c.y. uncl. excav. for struts;
  - (6) 1000 c.y. uncl. excav. for borrow;
  - (7) 135,000 sta. yds. special over-haul;
  - (8) 1000 c.y. special overhaul;
  - (9) 10 c.y. foundation fill;
  - (10) 260 units obliteration of old roads;
  - (11) 60 tons slow-curing asphalt, SC-1A grade, for subgrade treatment;
  - (12) 21,400 tons heavy base course (3-in. material);
  - (13) 5,900 tons heavy base course (1½-in. material);
  - (14) 5,700 tons crusher-run (top course);
  - (15) 1,100 units watering;
  - (16) All reqd. prov. and maint. water plant or plants;
  - (17) 170 tons cutback asphalt, MC-2 grade, for prime coat;
  - (18) 17 c.v. class A concrete;
  - (19) 3000 lbs. reinf. steel
  - (20) 640 lf. 18-in. std. reinf. concr. culv. pipe (Alt Item 253 (1));
  - (21) 190 lf. 24-in. std. reinf. concr. culv. pipe (Alt Item 253 (2));
  - (22) 54 lf. 30-in. std. reinf. concr. culv. pipe (Alt Item 253 (3));

- (23) 160 lf. 12-in. corr. galv. sheet metal pipe;
- (24) 110 lf. 18-in. corr. galv. sheet metal pipe;
- (25) 150 lf. 24-in. corr. galv. sheet metal pipe;
- (26) 30 lf. 36-in. corr. galv. sheet metal pipe;
- (27) 640 lf. 18-in. bit. coated corr. sh. met. pipe, Type 1;
- (28) 190 lf. 24-in. bit. coated corr. sh. met. pipe, Type 1;
- (29) 54 lf. 30-in. bit. coated corr. sh. met. pipe, Type 1;
- (30) 270 lf. 12-in. corr. sh. met. pipe culv. rem. and reinst.;
- (31) 92 lf. 18-in. corr. sh. met. pipe culv. rem. and reinst.;
- (32) 184 lf. 24-in. corr. sh. met. pipe culv. rem. and reinst.;
- (33) 32 lf. 36-in. corr. sh. met. pipe culv. rem. and reinst.;
- (34) 70 lf. 12-in. bit. coated corr. sh. met. pipe, Type 2, for irrig.;
- (35) 180 lf. 24-in. bit. coated corr. sh. met. pipe, Type 2, for irrig.;
- (36) 970 lf. 6-in. bit. coated perf. corr. sh. met. pipe underdrain, Type 2;
- (37) 55 sq. yds. paved culvert inlets, Type 1.

Total bids follow:

- (1) Metal pipe;
- (2) Concrete pipe.

(A) A. C. Greenwood Co., Inc., Portland, Ore. .... (1) \$98,975.00  
..... (2) 99,464.50

(B) E. C. Hall, Eugene, ..... (1) 99,841.50  
..... (2) 99,969.00

(C) McNutt Bros., Eugene, Ore. .... (1) 102,773.70  
..... (2) 103,005.50

(D) Clifford Dunn, Klamath Falls, Ore. .... (1) 118,851.90  
..... (2) 118,916.40

(E) Babler Bros., Portland, Ore. .... (1) 136,171.50  
..... (2) 136,596.50

	(A)	(B)	(C)	(D)	(E)
(1)	\$500.00	\$500.00	\$700.00	\$500.00	\$500.00
(2)	40.00	400.00	400.00	400.00	400.00
(3)	50.00	40.00	25.00	30.00	10.00
(4)	37	45	45	65	70
(5)	1.00	1.00	1.50	1.20	1.00
(6)	37	30	25	30	50
(7)	02	02	02	01	02
(8)	25	20	30	20	25
(9)	2.50	2.00	5.00	2.00	1.00
(10)	2.50	4.00	25.00	10.00	10.00
(11)	20.00	30.00	24.00	25.00	30.00
(12)	1.25	1.20	1.10	1.25	1.06
(13)	1.40	1.20	1.20	1.30	1.06
(14)	1.50	1.20	1.30	1.40	1.66
(15)	2.50	1.50	1.50	1.25	1.00
(16)					
(17)	28.00	30.00	28.00	29.00	33.00
(18)	35.00	30.00	40.00	30.00	30.00
(19)	07	10	07	08	10
(20)	3.50	2.50	2.20	2.25	2.50
(21)	4.75	3.50	3.50	2.75	3.25
(22)	6.50	6.00	5.00	5.00	6.00
(23)	2.25	1.40	1.25	1.50	1.23
(24)	3.00	2.00	1.75	2.00	2.00
(25)	4.00	2.00	2.75	3.00	2.75
(26)	7.00	6.00	5.75	6.00	5.50
(27)	3.00	2.40	2.00	2.10	2.10
(28)	4.00	3.45	3.00	3.20	3.00
(29)	6.00	5.00	4.00	4.00	3.75
(30)	7.00	7.00	7.00	7.00	7.00
(31)	1.00	1.00	1.00	1.00	1.00
(32)	1.50	1.00	1.00	1.20	1.00
(33)	1.50	1.50	2.00	1.50	2.00
(34)	3.00	2.00	2.00	2.00	1.80
(35)	5.00	4.00	4.00	4.00	3.50
(36)	1.50	1.00	1.00	1.00	1.00
(37)	6.00	10.00	6.00	4.00	2.00

**CONTRACT AWARDED**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$24,122.50 awarded contract by San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19029, for Section A of the Ocean Avenue Improvement project between San Jose and Harold Avenues.

**CONTRACT AWARDED**

**LAWNDALE**, San Mateo Co., Cal.—L. C. Smith, 235 Third Ave., San Mateo, awarded contract by the City Council, City of Lawndale, for grading and surfacing a portion of Clark Avenue.

The work involves:

- (1) 1200 c.y. excav;
- (2) 924 l.f. curb and gutter;
- (3) 14,555 sq. ft. waterbound macadam base;

(4) 15,000 sq. ft. emulsified oil and rock screening wearing surface.

Bidders were:

- (A) L. C. Smith, 235 Third Avenue, San Mateo.
- (B) Eaton & Smith, San Francisco.
- (C) Pacific Pavement Co., S. F.
- (D) George Harney.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A).....	\$0.6825	\$0.80	\$0.0243	\$0.0125
(B).....	.60	.90	.0650	.03
(C).....	.95	1.10	.04	.03
(D).....	.40	1.15	.06	.036

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**SACRAMENTO**, Calif.—Until July 20, 2 P. M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, P. O. Box 1646, Sacramento, for the construction and completion of Deep Well Turbine Pump installations, Pump Houses, Piping and Accessories at Sacramento Air Depot.

Plans and specifications may be obtained from above office upon the deposit of \$10.00.

**CONTRACT AWARDED**

**LOS ANGELES**, Cal.—Roscoe Moss Co., Los Angeles, at \$1,412.67, awarded contract by State Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for drilling a water supply well at the Saugus Maintenance Station Site.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**CONTRACT AWARDED**

**LOS ANGELES**, Calif.—R. H. Travers, 414 Rowan Bldg., Los Angeles, at \$26,409, awarded contract by Board of Directors of County Sanitation District No. 2, 4th floor, Times-Mirror Bldg., 110 S. Broadway, Los Angeles, for changes and additions to the District's Joint Disposal Plant located at Lomita Blvd. and Figueroa St., north of Wilmington. Plans and specifications prepared by A. K. Warren, chief engineer and general manager.

The work involves:

- (1) 148 ft. reinf. concrete conduit, 8-ft. I.D.;
- (2) Air relief outlet at Sta. 372 plus 07;
- (3) Reinf. concrete surge and transition chamber at sta. 373 plus 09;
- (4) 332 ft. reinf. concrete flume approx. 6 ft. in width and on depths shown on the drawings;
- (5) Bottom slab to form a channel approx. 257 ft. in length between the westerly ends of the present tank and the easterly sides of present clarifier tanks;
- (6) All necessary excavation and backfill incidental to above.

Total bids follow:

- R. H. Travers, Los Angeles—\$26,400.
- Schnofner & Gordon, Los Angeles—\$27,385.
- Contracting Engineers Co., Los Angeles—\$28,282.
- Hoagland Engrg & Constr. Co.,

Long Beach—\$28,885.

Case Constr. Co., Inc., Alhambra—\$29,000.

H. A. Teget, Ontario—\$29,266.  
Bebek & Brkich, Los Angeles—\$29,500.

N. I. Fadel, Los Angeles—\$29,500.  
Bennett & Taylor, Los Angeles—\$31,467.

R. A. Wattson, Los Angeles—\$31,551.  
J. F. Knapp, Oakland—\$34,830.

**CONTRACT AWARDED**

**SAN YSIDRO**, San Diego Co., Cal.—J. C. Hickey, 320 S. Palm Ave., Alhambra, awarded contract by International Boundary Commission, El Paso, Tex., at \$146,107, for construction of sewers and outfall for Lower Tijuana Sanitation Project. The work will be included in one schedule including labor, material and equipment. Ben F. Dupuy had been appointed resident engineer and will be stationed at San Ysidro, Calif. L. M. Lawson, El Paso, Commissioner. The proposed project involves construction of sanitary sewer and appurtenances in the Tijuana River Valley approximately paralleling the international boundary. The work consists of clearing the right of way and constructing approximately 6.5 miles of sanitary sewers, one reinf. concrete surge tank and ocean outfall.

**BIDS REJECTED**

**SAN MATEO**, Cal.—San Mateo City Council rejected all bids for furnishing materials and labor for trench for sewer in Beresford on 28th, 29th and 30th avenues, between Hacienda and de las Pulgas.

Work will be done by days work by the City's own forces. Material will be purchased in the open market.

Harvey E. Connors, 1222 Whipple Ave., Redwood City, at \$3991, submitted low bid on the bid opening June 29.

**SAN BERNARDINO COUNTY—GRADING—(State)**

**SAN BERNARDINO CO., Calif.**—As previously reported, United Concrete Pipe Corp., 1347 W. 206th St., Los Angeles, submitted low bid to Highway Engineer, 808 State Bldg., Los Angeles, at \$369,453.10, for highway construction in San Bernardino County, between Los Angeles county line and San Bernardino (VII)-S5d-9-DuPl. A. B. Riba, C. & S.B.D., about 20.8 mi. in length, to be graded and paved with asphaltic concrete. The work involves:

- (1) 1432 each, removing trees;
- (2) 301 each, remove and replant palm trees;
- (3) 2858 M. gals. water;
- (4) 54,200 c.y. roadway excav. without classifi.;
- (5) 13,000 mi. yds. overhaul;
- (6) 11,920 c.y. struc. excav.;
- (7) 1094 c.y. removing curb;

- (8) 209,000 sq. yds. preparing subgrade;
- (9) 10,000 sq. ft. finishing roadway;
- (10) 255,000 sq. yds. prepare, mix and shape shoulders;
- (11) 1900 tons liquid asphalt, SC-2;
- (12) 6600 sq. yds. asph. paint binder;
- (13) 67,040 tons mineral aggregate (asph. concr.);
- (14) 3495 tons asph. cem. grade D (asph. concr.);
- (15) 2752 c.y. class A portland cem. concr. (struc.);
- (16) 1997 c.y. class A portland cem. concr. (curbs, gutters, sidewalks and driveways);
- (17) 255,600 lbs. bar reinf. steel;
- (18) 21,600 lbs. misc. iron and steel;
- (19) 320 ft. 12-in. CMP;
- (20) 1208 ft. 18-in. CMP;
- (21) 1570 ft. 24-in. CMP;
- (22) 72 ft. 30-in. CMP.

- (23) 360 ft. permanent guard railing;
- (24) 171 ft. temporary guard railing;
- (25) 81 each culvert markers;
- (26) 130 each, guide posts;
- (27) 130 each, monuments;
- (28) 2262 sta. removing traffic stripes.

Total bids follow:

- (a) United Concr. Pipe Corp. .... \$369,453.10
- (b) W. B. Hall Co., Alhambra ..... 396,846.10
- (c) Oswald Bros. .... 409,286.50
- (d) Griffith Co. .... 413,182.40
- (e) D. W. Thurston .... 419,921.70
- (f) J. E. Haddock, Ltd. .... 430,929.45
- (g) Daley Corp. .... 440,334.05
- (h) C. O. Sparks & Mundo Engrg. Co. .... 455,567.80

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(a).....	\$5.00	\$20.00	\$2.00	\$0.25	\$0.15	\$0.75	\$3.00	\$0.05	\$7.50	\$0.06	\$6.00	\$0.02	\$1.89	\$11.00	\$18.00	\$12.00
(b).....	7.50	24.00	1.51	.35	.30	.70	3.31	1.10	3.00	.06	8.00	0.05	2.10	15.20	13.80	12.60
(c).....	9.00	30.00	1.50	.35	.09	1.25	2.00	1.0	5.00	.05	7.50	.02	2.15	14.00	19.00	11.00
(d).....	7.30	25.00	1.50	.48	.10	1.00	3.00	1.0	3.00	.05	7.00	.02	2.08	15.00	20.00	12.00
(e).....	9.00	25.50	2.50	.38	.10	1.10	6.00	0.85	5.00	.05	8.45	.02	1.98	16.50	19.70	12.40
(f).....	10.00	20.00	1.10	.67	.10	1.25	2.85	0.85	10.00	.05	8.00	.02	2.20	13.36	20.00	10.50
(g).....	8.25	20	1.35	.38	.15	1.75	5.25	1.3	4.00	.05	8.75	.02	2.20	14.00	22.25	12.00
(h).....	5.00	20.00	2.00	.40	.20	1.00	2.50	.15	5.00	.05	7.50	.05	2.50	13.61	25.00	11.00
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)				
	\$0.06	\$0.20	\$1.75	\$2.50	\$3.00	\$4.00	\$1.00	\$1.50	\$2.00	\$2.00	\$2.00	\$2.00				
	.05	.25	1.20	1.70	2.60	3.40	1.20	1.20	2.50	2.50	2.50	1.50				
	.045	.175	1.25	1.75	2.50	3.25	1.00	2.25	2.25	3.00	1.50					
	.05	.17	1.50	1.50	2.80	3.40	1.50	2.00	2.00	2.00	2.00					
	.05	.21	1.35	2.05	3.15	3.90	1.30	1.20	3.00	3.00	3.00	1.70				
	.05	.195	1.15	1.75	2.65	3.55	1.50	1.25	2.50	2.00	3.00	1.50				
	.049	.20	1.25	1.95	3.00	3.50	1.25	1.25	2.50	2.50	2.50	1.50				
	.05	.22	1.30	1.80	2.30	4.00	1.25	1.25	3.00	3.00	3.00	2.00				

## BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until July 6, 7:30 a. m., bids will be received by Gladys V. Roberts, City Clerk, City Hall, Petaluma, for materials required in improving Thompson Creek, by construction of a concrete drain tube from north side of Sixth Street to the south side of Fifth Street.

- Approximate work involves:
- (1) 2020 sacks of Portland cement conforming with the requirements of standard specifications for Portland cement (Spec. C9-21) of the American Society for Testing Materials;
  - (2) 480 tons of Coarse aggregate;
  - (3) 290 tons of Fine aggregate;
  - (4) 8 tons of 60-pound steel rails;
  - (5) 600 pieces of 1/2-in. rd. reinf. steel in lengths of 22 ft. 4 in. each;
  - (6) 600 pcs. of 1/2-in. rd. reinf. steel in lengths of 23 ft. 8 in. each;
  - (7) 1720 pcs. of 1/2-in. rd. reinf. steel in lengths of 20 feet each. (The above three items of reinforcing steel total approximately 26.7 tons.)

Plans and specifications may be obtained from the above office. \*

## BIDS WANTED

PASADENA, Cal.—Until July 27, 11 A. M., bids will be received by the Pasadena city clerk for construction of apparatus for treatment of sewers at Crown City Ranch consisting of secondary clarifier, aeration chambers surrounding same, bar screen, and partial measuring flume, including all facilities for operation of the same. Specifications may be obtained from Supt. of Sewage Treatment Plant.

## 33— WATER WORKS

## BIDS WANTED

SAN FRANCISCO, Calif.—Until July 21, 2:30 p. m., bids will be received by the Department of Public

Works, Room 251, City Hall, under Spec. No. 1905, for installing Section F of the Potrero District Extension to the auxiliary water supply system for fire protection.

Work involves:

- (1) 87 lengths, approx. 69.7 tons, 12-in. Cl. H double spigot plain pipe, furnished, tested and delivered;
- (2) 4 lengths, approx. 3.5 tons, 12-in. Cl. H double spigot lugged pipe, furnished, tested and delivered;
- (3) 1 length, approx. 1 ton, 12-in. Cl. H bell and spigot lugged pipe, furnished, tested and delivered;
- (4) 32 length, approx. 21 tons, 10-in. Cl. H double spigot plain pipe, furnished, tested and delivered;
- (5) 17 lengths, approx. 11.1 tons, 10-in. Cl. H double spigot lugged pipe, furnished, tested and delivered;

NOTE: Items Nos. 1 to 5 Cast Iron Pipe shall be furnished by the Contractor.

## Cast Iron Pipe and Special Castings in Place

- (6) 20 Lf. 18-in. Cl. H bell and spigot lugged pipe;
- (7) 1028 Lf. 12-in. Cl. H double spigot plain pipe;
- (8) 48 lf. 12-in. Cl. H double spigot lugged pipe;
- (9) 24 Lf. 12-in. Cl. H bell and spigot lugged pipe;
- (10) 1155 Lf. 10-in. Cl. H double spigot plain pipe;
- (11) 236 Lf. 10-in. Cl. H double spigot lugged pipe;
- (12) 100 lf. 8-in. Cl. H bell and spigot lugged pipe.

NOTE: Items Nos. 6 to 12, inclusive—Some of the pipe and special castings will be furnished by the City. Such pipe as the City does not have on hand shall be furnished by the Contractor under Bid Items Nos. 1 to 5. Such special castings as the City does not have in stock shall be furnished by the Contractor as hereinafter called for.

- (13) 2 8-in. gate valves, in place;
  - (14) 5 8-in. gate valves, in place;
  - (15) 5 ste. H.F. hydrants, in place;
- NOTE: Items Nos. 13, 14 and 15—The Valves and Hydrants included in these items will be furnished by the City.
- (16) 18616 lbs. pig lead furnished and delivered;
  - (17) 22,000 lbs. cast steel special castings, furnished and delivered;
  - (18) 4069 lbs. cast iron special castings, furnished and delivered;
  - (19) 824 lbs. manhole valve box, cast iron frames, covers and dust pans, furnished and placed;
  - (20) 5980 lbs. wrought iron bolts, nuts, washers and the rods, furnished and placed;
  - (21) 103 lbs. reinf. steel, furnished and placed;
  - (22) 5 c. y. class B concrete, in place;
  - (23) 1344 c. y. excav. and backfilling;
  - (24) 1668 sq. ft. asphalt. conc. pavement (2-in. to 6-in. Class F concrete);
  - (25) 4990 sq. ft. basalt blocks on 5-in. sand base;
  - (26) 21 sq. ft. concrete sidewalk, two-course;
  - (27) 2 c. y. crushed rock, furnished and placed;

NOTE: Items No. 16 to 27, inclusive—All materials shall be furnished by the Contractor.

(28) Alteration to existing high pressure line.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

## BIDS WANTED

SACRAMENTO, Cal.—Until July 20, 2:30 P. M., bids will be received by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento, for the construction and completion of deep well turbine pump installations, pumps, hoses, piping and accessories at the Sacramento Air Depot.

## UMATILLA COUNTY, ORE.—GRADE &amp; SURF.—(Govt.)

UMATILLA CO. Ore.—As previously reported, Carl Nyberg, Realty Bldg., Spokane, at \$99,421, submitted low bid to Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for improving 7104 miles of Pendleton-John Day Highway Reconstruction, Grading and Surfacing Project 33-A1, National Forest Road Project, Umatilla Co., Ore.

- The quantities follow:
- (1) 41,000 c. y. unclass. excav.
  - (2) 200 c. y. do for struc.
  - (3) 10,000 c. y. do for borrow;
  - (4) 115,000 sta. yd. special overhaul;
  - (5) 2,700 c. y. rd. do;
  - (6) 80 c. y. foundation fill;
  - (7) 41,000 tons heavy base course, 3-in. material;
  - (8) 8,500 tons heavy base course, 1 1/2-in. material;

- (9) 7,500 c. y. surfacing, salvaged & replaced;
- (10) 9,000 tons crusher run top course
- (11) 2,000 units watering;
- (12) all required prod. and maint. water plant or plants;
- (13) 275 tons cutback asphalt MC-2 grade for prime coat;
- (14) 100 c. y. bit. mixture in stock-piles;
- (15) 10.5 MFBM treated timber, creosote pres. inc. br. iron;
- (16) all reqd. remove and dispose of existing ir. in cattle pass;
- (17) 130 lf. 12-in. corr. galv. sheet metal pipe; do; (ext.);
- (18) 550 lf. 18-in. do; (ext.);
- (19) 150 lf. 24-in. do; (ext.);
- (20) 24 lf. 30-in. do; (ext.);
- (21) 52 lf. 36-in. do; (ext.);

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)...	\$ .40	\$ .29	\$ .50	\$ .46	\$ .40	\$ .35	\$ .40	\$ .40	\$ .45	\$ .38	\$ .50	\$ .49
(2)...	1.00	1.00	2.50	1.00	1.50	1.00	1.00	2.00	1.50	1.50	.75	1.50
(3)...	.40	.29	.50	.46	.25	.25	.30	.40	.30	.25	.45	.40
(4)...	.02	.01	.02	.02	.02	.02	.02	.005	.03	.015	.02	.04
(5)...	.15	.16	.20	.20	.16	.15	.20	.264	.20	.25	.20	.30
(6)...	.40	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.50	1.00	1.00	3.00
(7)...	.88	1.16	1.00	1.16	1.15	1.20	1.15	1.15	1.18	1.26	1.20	1.50
(8)...	.95	1.10	1.00	1.06	1.20	1.30	1.15	1.20	1.18	1.26	1.35	1.50
(9)...	.50	.50	.50	.50	.50	.70	.75	.60	.50	.55	.55	.70
(10)...	1.30	1.10	1.00	1.06	1.20	1.25	1.15	1.10	1.18	1.38	1.35	1.60
(11)...	1.50	2.00	1.50	1.75	1.25	1.50	1.50	1.00	1.50	1.50	1.50	2.50
(12)...	350.00	310.00	50.00	480.00	1000.00	10.00	250.00	500.00	25.00	250.00	500.00	300.00
(13)...	3.00	3.50	3.00	3.00	25.00	35.00	35.00	35.00	30.00	31.00	30.00	33.00
(14)...	3.00	4.00	5.00	3.00	4.50	4.00	2.50	2.00	1.00	3.00	3.50	4.00
(15)...	125.00	80.00	125.00	125.00	100.00	130.00	100.00	150.00	125.00	120.00	100.00	130.00
(16)...	200.00	65.00	25.00	100.00	50.00	100.00	50.00	200.00	50.00	70.00	100.00	100.00
(17)...	1.25	1.50	1.50	1.28	1.50	1.30	1.25	2.00	1.40	1.30	1.25	2.00
(18)...	2.75	2.25	2.00	2.71	2.50	1.90	3.00	3.00	1.85	2.20	1.75	3.00
(19)...	2.75	3.00	3.00	2.60	3.50	3.00	2.75	5.00	2.90	2.40	3.00	5.00
(20)...	3.50	5.00	5.00	3.25	4.00	3.50	3.75	5.00	3.55	4.60	3.50	6.00
(21)...	4.00	6.00	7.00	5.05	6.50	4.00	5.00	6.00	5.25	7.00	5.25	8.00

- (A) Carl Nyberg, Spokane, \$99,421.50
  - (B) Edwin C. Gerber, Oregon City, \$101,999.00.
  - (C) Romano Engr. Corp., Seattle, \$107,261.50.
  - (D) Joslin & McAllister, Spokane, \$107,861.50.
  - (E) Homer C. Johnson, Portland, \$110,371.00.
  - (F) E. C. Hall Co., Eugene, \$111,411.
  - (G) Babier Bros., Portland, \$111,615.
  - (H) Max J. Kueney Co., Spokane, \$112,289.80.
  - (I) Saxton, Looney & Rusley, Portland, \$113,250.00.
  - (J) Joplin & Eldon, Portland, \$116,368.40.
  - (K) A. Milne, Portland, \$124,320.
  - (L) A. C. Greenwood Co., Inc., Portland, \$139,710.00.
- Unit prices follow:

Plans and specifications may be obtained from above office upon the deposit of \$10.00. Certified check made payable to the Treasurer of the United States.

**BIDS WANTED**

**VICTORVILLE, San Bernardino Co., Calif.**—Until July 16, 2 p.m., bids will be received by Victor Valley Union High School District, L. W. Gilliland, Clerk, Victorville, for construction of water tower and installation of water tank at 29 Palms High School; tower to be constructed of wooden timbers of sufficient size and strength to support weight of tank and water and to be approximately 24 feet high; corrugated galvanized iron tank to have 2100-gal. cap with proper intake and outlet

**Machinery & Materials**

**SAN FRANCISCO CITY**

**SAN FRANCISCO**—Until July 16, 3:00 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies,

270 City Hall, for 6000 ft. of 1½-in. cotton rope lined fire hose.

Plans and specifications may be obtained from above office.

**EAST BAY UTILITY DIST.**

**OAKLAND, Calif.**—Until July 14, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Campbell, Secretary, 512 16th St., Oakland, as follows: Informal Proposal L. S. 202; 9,000 Lf. electric cement line steel pipe, 30-in. diameter.

Plans and specifications may be obtained from above office.

**LOS ANGELES CITY**

**LOS ANGELES, Calif.**—Until July 27, 10 a.m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for the sale of Fair Hill and Wide Canyon aggregate plants equipment.

**U. S. FOREST SERVICE**

**GOVERNMENT ISLAND, Calif.**—Until July 16, 2 P. M., bids will be received by Frank Hoyle, Supply Officer, Government Island, for furnishing supplies and materials as follows:

BID NO. 4957: 1 electric vulcanizer; BID NO. 4958: Replacement parts for Cleveland jackhammer, job Chico.

**U. S. INDIAN SERVICE**

**COOLIDGE, Ariz.**—Until July 15, 2 p.m., bids will be received by the U. S. Indian Irrigation Service, Coolidge, Ariz., for equipment for the "Christmas" substation, San Carlos Irrigation Project, as follows:

- (1) 4 single-phase, 60-cycle, 500-kv., 25,400/44,000 Y to 2300-volt power transformers;
- (2) one 3-pole, 46,000-volt lightning arrester;
- (3) 6 single pole, 2300-volt lightning arresters;
- (4) One 46,000-volt, 600-amp oil circuit breaker;
- (5) 2 gang operated, 46,000-volt, 3-pole, single throw, 400-amp air brake switches;
- (6) 2 60-cycle, 115-volt, 5-ampere switchboard type, watt-hour meters;
- (7) 2 60-cycle, 2300-volt potential transformers;
- (8) 2 60-cycle, 2300-volt, ratio 400 to 5 amps, current transformers;
- (9) 200 45,000-volt porcelain ball and socket type strain insulators;
- (10) 90 pipe type insulators, wet process porcelain 1-in. pine hole, 7 16-in. min. groove radius;
- (11) 2,500 ft. or 17.37 lbs. copper cable, 250,000 C M, stranded bare, on reels of approx. 1000 lbs.

**LINN CO., OREGON—GRADING—(Govt.)**

**LINN COUNTY, Ore.**—As previously reported, J. A. Lyons, 3305 NE Halsey, Portland, at \$96,964, submitted low bid to U. S. Bureau of Public Roads, for Santiam Highway Grading and Advance Clearing Project 23-K1, L. Willamette National Forest, Linn County, Ore.

- Quantities follow:
- (1) All reqd. main. of exist. road, etc.;
  - (2) 31 acres clearing;
  - (3) 9 acres grubbing;
  - (4) 172,000 c.y. unclass. excav.;
  - (5) 2,000 c.y. do for struc.;
  - (6) 1,000 c.y. do for borrow;
  - (7) 15,000 sta. yds. special overhaul;
  - (8) 1,000 c.y. do;
  - (9) 2 acres roadside cleanup;
  - (10) 0.859 mi. finishing earth graded road;
  - (11) 400 sq. ft. dangerous trees and snags;
  - (12) 190 c.y. Class A concrete;
  - (13) 27,300 lbs. reinf. steel;
  - (14) 24 c.y. cement rubble masonry;
  - (15) 16 c.y. do;
  - (16) 180 Lf. 18-in. stand. reinf. conc. culvert pipe;
  - (17) 530 Lf. 18-in. extra strength do.;
  - (18) 130 Lf. 24-in. do.;
  - (19) 680 Lf. 30-in. do.;

- (20) 180 Lf. 18-in. hit. coated corr. sheet metal pipe, Type 1;
- (21) 530 Lf. 18-in. do.;
- (22) 130 Lf. 24-in. do.;
- (23) 680 Lf. 30-in. do.;
- (24) 450 Lf. 48-in. do.;
- (25) 200 Lf. 6-in. hit. coated perf. cor. sh. metal pipe underdrains, type 2;
- (26) 120 sq. yds. paved culvert inlets, type 1.

Total bids follow:  
 (1) concrete culvert & concrete pipe;  
 (2) concrete culvert & metal pipe;  
 (3) 48-in. pipe and concrete pipe;  
 (4) 48-in. pipe and metal pipe.

J. A. Lyons, Portland	(1)	\$ 99,473.60
	(2)	98,778.00
	(3)	97,659.00
	(4)	96,964.00
Leonard & Slate, Multnomah, Ore.	(1)	105,289.00
	(2)	103,859.00
	(3)	100,839.00
	(4)	99,409.00
Parker - Schram Co., Portland	(1)	106,616.90
	(2)	105,100.90
	(3)	104,876.40
	(4)	103,360.40
E. L. Gates, Traid, Ore.	(1)	\$110,929.20
	(2)	109,811.20
	(3)	105,854.70

Colonial Construction Co., Spokane	(1)	113,422.60
	(2)	112,227.90
	(3)	110,968.60
	(4)	109,773.60
Berke Bros. Inc., Portland	(1)	116,641.40
	(2)	115,589.40
	(3)	112,842.40
	(4)	111,740.40
Guthrie McDougall Co., Portland	(1)	114,158.00
	(2)	113,259.50
	(3)	112,829.00
	(4)	111,930.50
A C Greenwood Co., Inc., Portland	(1)	118,635.40
	(2)	117,205.40
	(3)	115,535.40
	(4)	114,105.40
M. L. O'Neill & Son, Eugene	(1)	118,678.40
	(2)	117,599.40
	(3)	117,469.40
	(4)	116,390.40
Elliott & Co., Inc., Seattle	(1)	137,509.50
	(2)	135,409.50
	(3)	134,959.50
	(4)	132,859.50

Unit prices follow:

\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
400.00	500.00	320.00	400.00	600.00	500.00	450.00	500.00
43	41	47	55	50	41	75	40
1.50	1.50	1.50	1.50	.50	.06	.01	.10
30	30	32	32	300.00	400.00	400.00	400.00
1000.00	600.00	600.00	600.00	500.00	500.00	500.00	500.00
1.50	3.00	4.50	1.50	30.00	40.00	30.00	30.00
.08	.10	.07	.10	20.00	20.00	23.00	20.00
30.00	20.00	20.00	15.00	2.50	3.50	3.45	3.00
3.00	3.00	3.00	2.25	2.50	4.00	3.60	4.00
4.00	5.00	4.00	5.70	4.00	5.00	4.00	5.00
2.50	2.00	2.50	2.60	5.75	8.00	6.25	6.50
3.50	3.00	2.50	2.60	2.40	3.00	2.50	2.50
5.00	4.00	5.00	3.70	2.40	3.00	3.00	2.50
3.50	4.00	3.65	4.00	3.65	4.00	4.00	3.50
4.60	7.00	5.25	5.00	4.60	7.00	5.25	5.00
13.50	15.00	13.00	12.00	1.40	2.00	1.90	1.60
5.00	5.00	5.00	5.00				

(1)	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
(2)	300.00	250.00	300.00	250.00	350.00	300.00	400.00
(3)	400.00	400.00	400.00	400.00	400.00	200.00	
(4)	375	40	41	44	45	48	
(5)	1.00	2.00	2.00	1.50	1.50	2.00	
(6)	.375	.40	.35	.30	.30	.30	
(7)	.02	.01	.02	.03	.03	.01	
(8)	.20	.10	.20	.15	.20	.15	
(9)	400.00	400.00	250.00	200.00	400.00	300.00	
(10)	1000.00	1000.00	600.00	300.00	400.00	600.00	
(11)	1.50	2.00	.75	.75	2.25	1.50	
(12)	35.00	40.00	35.00	45.00	30.00	40.00	
(13)	.08	.10	.065	.10	.05	.08	
(14)	30.00	20.00	16.00	12.00	20.00	15.00	
(15)	30.00	20.00	16.00	12.00	20.00	15.00	
(16)	3.00	2.50	2.75	2.05	3.00	2.25	
(17)	3.00	3.00	3.00	2.60	3.50	2.40	
(18)	3.50	4.00	3.60	3.85	4.00	2.70	
(19)	5.50	5.00	6.85	6.15	5.00	5.30	
(20)	2.50	2.00	2.50	2.35	2.50	2.60	
(21)	2.50	2.00	2.50	2.35	2.50	2.60	
(22)	3.50	3.00	4.00	3.70	3.50	3.00	
(23)	5.00	4.00	5.00	4.65	4.25	4.00	
(24)	14.00	12.00	14.00	13.15	11.00	12.50	
(25)	1.00	1.00	1.25	.80	1.00	.75	
(26)	5.00	6.00	3.25	4.00	3.00	3.00	

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## IN THIS ISSUE



### State Issues Bid Calls on Seven Projects

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*Authorize \$550,000 of San Francisco  
Presidio Work*

♦ ♦ ♦

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of Building and Engineering  
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## STATE TO OPEN BIDS AUGUST 4-5 ON 7 HIGHWAY, BRIDGE PROJECTS

SACRAMENTO, July 13.—Seven state highway contracts were authorized for advertising today by the State Highway Commission. Bids on three of the projects will be opened in Sacramento August 4, and on the remaining four in Los Angeles August 5.

Contracts for which bids will be opened here August 4 are:

**Monterey county:** construction of a steel and concrete bridge across Mud Creek about 25 miles north of San Simeon. The bridge will consist of one 80-foot plate girder span and two 41-foot steel beam spans.

**Solano county:** grading, paving with Portland cement concrete and plant-mixed surfacing on about .8 of a mile extending from the Carquinez bridge northward.

**Kern county:** surfacing with plant-mixed surfacing and constructing borders on about two miles near Greenfield.

The following day, August 5, bids will be opened in the office of the State Highway Engineer in Los Angeles on these contracts:

**Imperial county:** grading and surfacing with plant-mixed surfacing about 9.4 miles between Holtville and Brawley.

**Los Angeles county:** widening shoulders and surfacing with plant-mixed surfacing on about 6.6 miles between West Covina and Pomona.

**Ventura county:** constructing a reinforced concrete girder bridge across Big Sycamore Creek, about ten miles south of Oxnard. The bridge is to consist of one 59-ft. span on concrete abutments.

**San Bernardino and Riverside counties:** applying roadmix surface treatment to about 16.9 miles at various locations.

## TO APPOINT TAFT FIRE MAIN GROUP

The city council of Taft has authorized Mayer E. C. Emmons to appoint a committee to study and report on proposed new water mains to be installed for fire protection. A bond issue for this purpose was defeated recently. L. D. Batehelder is chairman of the committee.

## FUNDS FOR S. F. PRESIDIO JOBS WIN APPROVAL

**\$550,000 Barracks Projects Authorized; Hawaii, Canal Zone Work Approved**

Funds for construction of three projects in the Presidio of San Francisco, costing \$555,000 in the aggregate, are included in a \$22,993,088 appropriation for U. S. Army construction recently approved by Congress, it was announced this week.

The three local projects are: barracks for 250 men, \$275,000; barracks for quartermaster and detachments, \$275,000; and telephone construction, \$5,000.

The bill authorizes the establishment of an extension to the air corps technical school in Denver, Colorado, and the acceptance of 960 acres of land within the city limits on which to construct the school. The appropriation includes \$1,735,000 for construction of the first units of the extension.

The funds will be allocated as follows: barracks, \$955,000; hospital headquarters and administration building, \$200,000; runways \$300,000, and grading and improving land, \$300,000.

Funds were approved as follows for new construction at Schofield Barracks, T. H.: barracks for 11th Field Artillery, \$1,526,200; barracks for detachments, \$488,200; telephone construction, \$11,000, and barracks for detachments, \$283,800.

Fort Shafter, T. H., will receive \$825,000 for barracks and \$2,500 for telephone construction. To the Department Headquarters at Fort Shafter goes \$246,500 for new quarters.

The bill includes \$176,000 for barracks for medical detachment at Tripler General Hospital, T. H., and \$5,000 for telephone construction.

Also approved was an allocation of \$3,007,800 for construction at Fort Clayton, Corozal General Depot, Fort Davis, Fort de Lesseps and Fort Kobbe, all in the Panama Canal Zone.

## MacDONALD-KAHN LOW BIDDERS ON AIR DEPOT WORK

**S. F. Firm Submits \$146,641  
Proposal for Equipment  
Repair Building, Offices**

SACRAMENTO, July 13.—MacDonald & Kahn Co., Ltd., 200 Financial Center building, San Francisco, today submitted the lowest of four bids to the office of the Constructing Quartermaster here for construction of the equipment repair building, Air Corps Operations office building and Air Corps engineering office building at the \$7,000,000 Sacramento Army air depot.

Amount of the basic low bid was \$146,641.

Total bids for constructing the three buildings were:

MacDonald & Kahn.....	\$146,641
Eaton & Smith, S. F.....	150,000
Azevedo Const. Co., Sacramento.....	150,500
K. E. Parker Co., S. F.....	151,800

**Reinforced Concrete**  
The equipment repair building will be a two-story reinforced concrete structure, and will measure 200 by 60 feet.

The operations office building and the engineering office building will be annexes to the engineering shop. They will be two stories in height, of reinforced concrete construction. Each will cover an area of approximately 40 by 87 feet.

The bidding schedule contained several proposals providing for additions or deductions to the basic bids, and a list of unit prices.

Parking space for 12,000 automobiles will be available at the 1939 Golden Gate International Exposition.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
231	Capital	Smith	8000
232	Goldstein	Mullen	6000
233	Pacific Coast	Owner	1000
234	Stwark	Owner	3000
235	Tidewater	Miller	6000
236	Women's Calif.	McAfee	1000
237	Zinke's	Mullen	1800
238	Desiano	Owner	35000
239	Ford	Eiesser	4000
240	Gilmore	Mills	6500
241	Hoeffler	Owner	3500
242	S F Examiner	Owner	20000
243-44	Thorinson	Owner	5000
245	Arco	Owner	4000
246	Berry	Bhucco	5000
247	Merchants	Moore	11000
248	Meyer	Owner	5000
249	Strassburger	Barrett	5000
250	Anglo	Bateman	2000
251	Glidden	Owner	15000
252	O'Connor	S F Bldg	1000
253	Foley	Wagner	1000
254	Mendo	Janssen	4000
255	Pearl	Meinberger	2000
256	Adamu	Wold	6000
257	Calabo	Petz	1500
258	Combe	Delucchi	4000
259	Gallas	Petersen	2000
260	Gen Brew.	Chhill	15000
261	Gianunni	Capital	2500
262	Hillman	Stockholm	1500
263-65	Meyer	Owner	3500
266	Redeau	Van Aalst	1850
267	Richtfield	Mills	2000

## ALTERATIONS

(231) 1350 MARKET ST. Alter theatre.  
Owner—Capital Co., 625 Market St.  
Contractor—James F. Smith, 271 Minna St.  
Engineer—L. H. Nishkian, Underwood Bldg. \$8000

## ALTERATIONS

(232) 787 MARKET ST. Alter store.  
Owner—Jos. Goldstein, Prem.  
Contractor—Mullen Mfg. Co., 60 Rausch.  
Architect—Not Given. \$6000

## ALTERATIONS

(233) SE COR 6TH AND BERRY STS. Alter warehouse.  
Owner—Pacific Coast Aggregates, Inc., 85 Second St.  
Architect—Not Given. \$1000

## ALTERATIONS

(234) 2422 GOUGH ST. Alter dwelling.  
Owner—Isabelle R. Stwark, 1137 Hyde Street.  
Architect—Not Given. \$3000

## ALTERATIONS

(235) SE COR. BRYANT AND 10TH STREETS. Alter factory.  
Owner—Tidewater Assoc. Oil Co., 79 New Montgomery St.  
Contractor—Muller & McGillis, 4444 Geary Blvd.  
Engineer—Norman B. Green, 55 New Montgomery. \$6000

## ALTERATIONS

(236) 1740 CLAY ST. Alter club.  
Owner—Tomer's C. C. Club, Prem.  
Contractor—R. A. McAfee, 125 Cervantes.  
Architect—Not Given. \$1000

## ALTERATIONS

(237) 115 POST ST. Alter shop.  
Owner—Zinke's Shoe Repair Co., 183 Market St.  
Contractor—Mullen Mfg. Co., No. 60 Rausch.  
Architect—Not Given. \$1800

## APARTMENTS

(238) SW COR. SCOTT and Greenwich. Three-story apartments.  
Owner and Builder—Michael Desiano 217 Fillmore Street.  
Architect—H. C. Baumann, 251 Kearny Street.  
Engineer—Jas. M. Smith, 251 Kearny Street. \$35,000

## ALTERATIONS

(239) 2430 LEAVENWORTH Street. Alter flat.  
Owner—Sophie Ford, premises.  
Contractor—John Elisser, 1580 Masonic Avenue.  
Architect—Not Given. \$4,000

## SERVICE STATION

(240) NW COR. EDDY and Scott. Steel service station.  
Owner—Gilmore Oil Co., 3rd and 18th Street.  
Contractor—Mills Const. Co., Russ Bldg.  
Architect—Not Given. \$6,500

## FLATS

(241) E CALHOUN 69 S Union St. Three-story frame flats.  
Owner—J. W. Hoeffler, 22 Alta St.  
Architect—Not Given. \$3,500

## ALTERATIONS

(242) NE COR. THIRD and Stevenson Sts. Alter newspaper bldg.  
Owner and Contractor—S. F. Examiner, premises.  
Architect—Julia Morgan, 1135 Merchants' Exchange Bldg.  
Engineer—Walter Huber, First National Bank Bldg. \$20,000

## DWELLING

(213) W ST. ELMO WAY 134 North Monterey Blvd. One-story and basement frame dwelling.  
Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.  
Architect—Not Given. \$5,000

## DWELLING

(244) W ST. ELMO WAY 94 North Monterey Blvd. One-story and basement frame dwelling.  
Owner and Builder—F. H. Thorinson, 1630 Ocean Avenue.  
Architect—Not Given. \$5,000

## DWELLING

(245) E ALEMANY BLVD. 110 S. Mt. Vernon. One-story and basement frame dwelling.  
Owner and Builder—Arco Bldg. Co., 640 Mission Street.  
Architect—Not Given. \$4,000

## DWELLING

(246) NE SHRADER 190 NW Belgrave. One-story and basement frame dwelling.  
Owner—A. Berry, c/o contractor.  
Contractor—C. O. Blincoe, 2663 15th Avenue.  
Architect—Not Given. \$5,000

## ALTERATIONS

(247) SW LOMBARD and Sanome. Alter cooling tower.  
Owner—Merchants Ice & Cold Storage Co. Lombard and Battery.  
Contractor—C. C. Moore & Co., 450 Mission Street.  
Architect—Not Given. \$11,000

## DWELLING

(248) S JUANITA WAY 6:6 W Del Sur Ave. One-story and basement frame dwelling.  
Owner and Builder—Meyer Brothers, 735 Portola Drive.  
Architect—Not Given. \$5,000

## ALTERATIONS

(249) SE EDDY and Taylor Sts. Alter store.  
Owner—L. Strassburger, 333 Montgomery Street.  
Contractor—Barrett & Hilp, 918 Harrison Street.  
Architect—Not Given. \$5,000

## ALTERATIONS

(250) SW COR. RUSH and Sansoms Streets. Alter bank.  
Owner—Anglo California National Bank, Sutter and Sansome Sts.  
Contractor—W. Bateman, 1915 Bryant Street.  
Architect—H. Thomsen, Commercial Union Bldg. \$2,000

## WAREHOUSE

(251) SW COR. SEVENTH and Hubbell Sts. One-story Class C warehouse.  
Owner—The Glidden Co., 1300 7th St.  
Engineer—C. S. Replie, 609 Mission Street. \$15,000

## ALTERATIONS

(252) 1610-08 POLK ST. Alter store.  
Owner—O'Connor's Food Store, 1610-1608 Polk Street.  
Contractor—S. F. Bldg. & Const. Co., 2212 Polk Street. \$1,000

## ALTERATIONS

(253) NE COR. RUSSIA and LONDON. Alter flats.  
Owner—Mr. Foley, Prem.  
Contractor—R. Wagner, 121 Dolores St.  
Architect—Not Given. \$1000

## DWELLING

(254) W. 41ST AVE., 257 N GEARY. One-story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement Street.  
Contractor—E. A. Janssen, 1136 Clement St.  
Architect—Not Given. \$4000

## ALTERATIONS

(255) 3376 CLAY ST. Alter dwelling.  
Owner—E. Pearl, c/o contractor.  
Contractor—H. S. Meinberger, 956 Folsom St.  
Architect—Not Given. \$2000

## DWELLING

(256) E 15TH AVE., 217 S ORTEGA. One-story and basement frame dwelling.  
Owner—Gabriel Adami, 1422 26th Ave.  
Contractor—C. L. Wold Const. Co., Ltd., 4412 25th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$6000

## ALTERATIONS

(257) 1135 INGERSON AVE. Alter dwelling.  
Owner—V. Calabo, Prem.  
Contractor—Philip Petz, 460 Wilde Ave.  
Architect—Not Given. \$1500

## DWELLING

(258) S 11TH AVE., 170 N ANZA. One-story and basement frame dwelling.  
Owner—A. Combe, 768 15th Ave.  
Contractor—Richard Delucchi and Co., 3275 San Bruno Ave.  
Architect—W. E. Huson, 475 24th Ave. \$4000

## ALTERATIONS

(259) 2465 MISSION ST. Alter theatre.  
Owner—Morris Gallas, 2465 Mission St.

Contractor—Antone Petersen & Sons,  
2758 San Bruno Ave.  
Architect—S. Charles Lee, 381 Bush  
St. \$2000

WAREHOUSE  
(260) SE CORNER CARROL AND  
NEWALL. One-story mill con-  
struction warehouse.

Owner—General Brewing Corpora-  
tion, Prem.

Contractor—Cahill Bros., 206 San-  
some St.

Plans by Frederick H. Meyer, Kohl  
Bldg.

Engineer—Michael Pregonoff, c/o Con-  
tractor. \$15,000

ALTERATIONS  
(261) NW HOWARD & FOURTH  
STS. Alter hotel store.

Owner—Giannini Co., 485 California  
St.

Contractor—Capital Co., 625 Market  
St.

Architect—Not Given. \$2500

ALTERATIONS  
(262) 2770 BROADWAY. Alter  
dwelling.

Owner—F. J. Hillman, Prem.

Contractor—Chas. Stockholm & Sons,  
Russ Bldg.

Architect—C. Tantau, 210 Post St.  
\$1500

DWELLING  
(263) N TERESITA BLVD. 275 E  
VERNA. One-story and base-  
ment frame dwelling.

Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

DWELLING  
(264) N. TERESITA. 250 E VER-  
NA. One-story and basement  
frame dwelling.

Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

DWELLING  
(265) N. TERESITA BLVD. 225 E  
VERNA. One-story and base-  
ment frame dwelling.

Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$3500

ALTERATIONS  
(266) 1460-62-64-66 GREAT HIGH-  
WAY. Alter flats.

Owner—Ida Redean, 1460 Great High-  
way.

Contractor—B. Geo. Van Aalst, 401  
West Portal Ave.

Architect—Not Given. \$1650

SERVICE STATION  
(267) SW 4TH AVE. AND BAL-  
BOA. One-story steel service  
station.

Owner—Richfield Oil Co., 248 Bat-  
tery St.

Contractor—Mills Constr. Co., Russ  
Bldg.

Architect—Not Given. \$2000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
203	Brodie	Shapero	1000
204	Chilton	Waltaker	4000
205	Christiansen	Larsen	3000
206	Clark	Overaa	1797
207	Gaskin	Owner	1600
208	Lapham	Lapham	9000
209	Tisher	Johnson	3500
210	Wolf	Acme	24000
211	Ceroti	Faramia	3000
124	Pbi Gamma	Lynn	3800
125	Burch	Hastings	3400
126	Clawson	Scott	3000
127	Mattson	Owner	1500
128	Reed	Owner	5500
129	Simmons	Strong	1500
130	West Const	Owner	3000
212	Hincks	Losing	1200
213	Carlton	Jensen	8000
214	Collins	Patterson	3500
215	Rarey	Scammell	7000
216	Ross	Owner	1800

217	Spencer	Owner	1000
218	Standard	Indp Iron	2900
219	Tutt	Kimble	1600
220	Whitthorne	Wonderlite	1100
221	Wilkie	Jordan	4650
222	Womack	Owner	3500
223	Close	Williams	9500
224	Berk. Sch.	Owner	22500
226	Bruno	Pollard	4750
227	Rabb	Tollifsen	4250
228	Warner	Hawkins	46887

ALTERATIONS  
(203) 770 SANTA BARBARA, BER-  
KELEY. Alterations.

Owner—R. N. Brodie, premises.

Contractor—S. M. Shapero, 2547 Ma-  
rin Ave., Berkeley. \$1,000

DWELLING  
(204) 2121 E 23rd ST., OAKLAND.  
One-story 5-room dwelling.

Owner—Spencer Chilton and W. A.  
Whitaker, 731 Oakland Ave.

Contractor—A. Whitaker, 565 Ho-  
bart Street.

Architect—Not Given. \$4,000

DWELLING  
(205) 3666 MAGEE AVE. OAKLAND.  
One-story 5-room dwelling.

Owner—C. P. Christiansen, 3567 Kan-  
sas St.

Contractor—Larsen & Hall, 3879 Pat-  
terson Ave.

Architect—Not Given. \$3,000

ALTERATIONS  
(206) 183-85 PERRY ST., OAKLAND.  
Alterations.

Owner—J. E. Clark.

Contractor—Carl Overaa, 2105 Roose-  
velt Ave., Richmond. \$1,797

Architect—Not Given.

ADDITION  
(207) 2338 E 20th ST., OAKLAND.  
Addition.

Owner and Builder—Mrs. Leila Gas-  
kin, 2338 E 20th St., Oakland.

Architect—Not Given. \$1,600

DWELLING  
(208) 1250 SUNNYHILLS ROAD,  
OAKLAND. Two-story 7-room  
dwelling.

Owner—A. R. Lapham, 904 Trestle  
Glen Avenue.

Contractor—Theo. H. Lapham, 546  
Kenmore Ave.

Architect—I. M. Johnson, 2219 7th  
Ave. \$9,000

DWELLING  
(209) 8324 NEY AVE., OAKLAND.  
One-story 5-room dwelling.

Owner—C. R. Tisher, 6127 Foothill  
Blvd., Oakland.

Contractor—Elmer Johnson 450 Oakes  
Blvd., San Leandro.

Architect—Not Given. \$3,500

APARTMENTS  
(210) 13-17-21-23-27 HOME PLACE  
East, OAKLAND. Two-story 25-  
room apartments.

Owner—D. Wolf, 555 Mandana Blvd.  
Contractor—Acme Const. Co., 555  
Mandana Blvd.

Architect—Not Given. \$24,000

DWELLING  
(211) 1140 PAGE ST., BERKELEY.  
One-story 4-room dwelling.

Owner—C. Corah, 906 Kains Ave.  
Contractor—J. Faramia, 827 Madison.

Architect—Not Given. \$3,000

ALTERATIONS  
(124) 2395 PIEDMONT AVE., BER-  
KELEY. Alterations.

Owner—Phi Gamma Delta Assn., 2395  
Piedmont Ave., Berkeley.  
Contractor—Willis F. Lynn, 1037 Ash-  
mount Ave., Oakland.  
Architect—Not Given. \$3,800

DWELLING  
(125) 2541 99th AVE., OAKLAND.  
One-story 5-room dwelling.

Owner—W. J. Burch, 2541 99th Ave.,  
Oakland.

Contractor—Geo. A. Hastings, 1963  
89th Ave., Oakland.

Architect—Not Given. \$3,400

DWELLING  
(126) 2536 69th AVE., OAKLAND.  
One-story 5-room dwelling.

Owner—Mildred Clawson, 5509 Foot-  
hill Blvd., Oakland.

Contractor—C. E. Scott, 1720 Nason  
St., Alameda.

Architect—Not Given. \$3,000

HOT HOUSE  
(127) 1026 53rd AVE., OAKLAND.  
One-story hot house.

Owner and Builder—Matsui Co., 1026  
53rd Ave., Oakland.

Architect—Not Given. \$1,500

DWELLING  
(128) 4623 REINHART DR., OAK-  
LAND. Two-story 6-room dwell-  
ing.

Owner and Builder—Robt. E. Reed,  
4112 Brookdale Ave., Oakland.

Architect—Not Given. \$5,500

ALTERATIONS  
(129) 986 GROSVENOR RD., OAK-  
LAND. Alterations and additions.

Owner—W. H. Simmons.

Contractor—Lawrence Strong, 429  
Haight Ave., Alameda.

Architect—Not Given. \$1,500

DWELLING  
(130) 9517 THERMAL ST., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner and Builder—Western Const.  
& Engr Co., 1025 26th St., Oak-  
land.

Architect—Not Given. \$3,000

ADDITION  
(131) 2707 REGENT ST., BERKE-  
LEY. Additions.

Owner—A. Hincks, 2707 Regent  
Contractor—T. S. Lossing, 47 Can-  
yon Road, Berkeley.

Architect—Not Given. \$1,200

DWELLING  
(213) 33 CABRILLO PLACE, OAK-  
LAND. Two-story 7-room dwell-  
ing.

Owner—B. H. Carlton, 138 Monte  
Cresta Ave., Oakland.

Contractor—Jensen & Pedersen, 3443  
Adelme St., Oakland.

Architect—Miller & Warnecke, Fi-  
nancial Center Bldg., Oakland.  
\$8,000

DWELLING  
(214) 5482 HOLLAND ST., OAK-  
LAND. One-story 5-room dwell-  
ing.

Owner—J. I. Collins, 1439 55th Ave.,  
Oakland.

Contractor—J. F. Patterson, 1439 55th  
Ave., Oakland.

Architect—Not Given. \$3,500

DWELLING  
(215) E HOLYROOD DR., Lot 3065,  
Fleedmont Pines. One-story six-  
room dwelling.

Owner—A. H. Rarey, 240 Taurus A-  
venue, Oakland.

Contractor—J. W. Scammell, 3161 E  
Fruitvale Ave., Oakland.

Architect—Not Given. \$7,000

ADDITION  
(216) 4020 PIEDMONT AVE., OAK-  
LAND. Addition.

Owner and Builder—J. M. Ross, 242  
Palm Drive, Oakland.

Architect—Not Given. \$1,800

REPAIRS  
(217) 619 MAJESTIC AVE., OAK-  
LAND. Fire repairs.

Owner and Contractor—M. B. Spen-  
cer.  
Architect—Not Given. \$1,000

## SERVICE STATION

(218) 835 12th St., OAKLAND. One-story steel service station.  
Owner—Standard Oil Co., 1201 Financial Center Bldg., Oakland.  
Contractor—Independent Iron W'ks, 821 Pine Street.  
Architect—Not Given. \$2,900

## ALTERATIONS

(219) NW COR. TENTH and Washington Sts., OAKLAND. Sidewalk alterations.  
Owner—E. E. Tutt, estate of R. Coffee, Bank of America Building, Oakland.  
Contractor—John Kimble, 2875 Vallecito Place, Oakland.  
Architect—R. H. Cooley, Builders' Exchange Bldg., Oakland. \$1,600

## SIGN

(220) 1013 WASHINGTON Street, OAKLAND. Electric sign.  
Owner—Whitmore & Swan.  
Contractor—Wonderlite Neon Prod. Corp., 170 Otis St., San Francisco.  
Architect—Not Given. \$1,100

## DWELLING

(221) 6548 LIGGETT DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner—A. D. Wilkie, 319 Olive Ave., Piedmont.  
Contractor—M. Jordan, 979 Mountain Blvd., Oakland.  
Architect—Not Given. \$4,650  
Also 1-story garage. \$300.

## DWELLING

(222) 4678 FAIR AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—Womack & Son, 4901 Daisy St., Oakland.  
Architect—Not Given. \$3,500

(223) 501 BLAIR AVE., PIEDMONT. Two-story 9-room residence and garage.  
Owner—E. J. Close, Jr., 50 Bellevue Ave., Piedmont.  
Contractor—H. E. Williams, 839 Creed Rd., Oakland.  
Architect—F. H. Slocombe. \$9,900

## ALTERATIONS

(224) 1475 ROSE, BERKELEY. Alter school.  
Owner and Builder—Berkeley Unified School District, 2325 Milvia.  
Architect—Not Given. \$22,500

## DWELLING

(225) 322 49TH ST., OAKLAND. One-story 5-room dwelling.  
Owner—Z. Arri, 318 49th St.  
Contractor—V. N. Strang & C. F. Gregersen, 1521 9th St., Alameda.  
Architect—Not Given. \$5,500

## DWELLING

(226) LOT 35, TRACT 566, WEST HARBOR DR., OAKLAND. 2-story 6-room dwelling.  
Owner—Harry Bruno, 5853 Vernon St.  
Contractor—A. I. Pollard, 77 Plaza Drive.  
Architect—Not Given. \$4,750

## DWELLING

(227) 3778 MADRONE AVE., OAKLAND. One-story 5-room dwelling.  
Owner—A. R. Rabb, 5724 Adeline St.  
Contractor—C. Tollifson, 1755 High St.  
Architect—Not Given. \$4,250

## STORES

(228) 1932-46 BROADWAY, OAKLAND. One-story corner stores.  
Owner—Warner Bros., Inc., Los Angeles.  
Contractor—B. A. Hawkins Co., 1182 Market St., San Francisco.  
Architect—B. M. Prtice and S. E. Sonnichsen, 411 W 7th St., Los Angeles. \$46,887

BUILDING CONTRACTS  
SAN FRANCISCO COUNTY

No	Owner	Contractor	Amt.
123	Carter	Zinkand	8739
131	Freeman	Reliable	1070
132	McCarthy	Duerner	4270
133	McKales	Kelly	8350

## DWELLING

(123) S BELGRAVE ST. 371-3 East Stanyan St. One-story and basement frame dwelling with garage.

Owner—W. E. Carter.  
Architect—Not Given.  
Contractor—Ed. Zinkand & Son, 667 36th Avenue.  
Filed, July 12, '37. Dated, July 7, '37.  
Frame up ..... \$2184.75  
Brown coated ..... 2184.75  
Completed ..... 2184.75  
Usual 35 days ..... 2184.75  
TOTAL COST, \$8739.00  
Bond, \$4369.50. Sureties, David Grandi and Ferdinand Terheyden. Limit, 90 days. Plans and specifications filed.

## PAINTING, ETC.

(131) 913 GRANT AVE. Paint and clean building.  
Owner—Lee On Dong Tong.  
Architect—J. Eugene Freeman.  
Contractor—Reliable Painting Co.  
Filed, July 13, '37. Dated, July 12, '37.  
Completion ..... \$802.50  
Usual 35 days ..... 267.50  
TOTAL COST, \$1070.  
Limit, 30 days. Specifications filed.

## DWELLING

(132) COR HOWTH ST. and Mount Vernon Ave. One-story and basement frame dwelling.  
Owner—The McCarthy Company.  
Architect—Not Given.  
Contractor—Will Duerner, Jr., as the Aetna Const. Co.  
Filed, July 13, '37. Dated, May 12, '37.  
Frame up ..... 25%  
Brown coated ..... 25%  
Completed ..... 25%  
Usual 35 days ..... 25%  
TOTAL COST, \$4,270  
Limit, 90 days. Plans and specifications filed.

## SERVICE STATION

(133) NW COR. SIXTH and Bryant Sts. Service station.  
Owner—McKales, Inc.  
Architect—Not Given.  
Contractor—Robert P. Kelly.  
Filed, July 13, '37. Dated, July 12, '37.  
15th of each month ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$8350.00

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
81	Phi Gamma	Lynn	3800
82	Pacini	Daneri	8791
83	S. P. Co.	Catuchli	.....
84	Masonic	Norgrove	12430

## REFINISHING

(81) NE COR. CHANNING WAY and Piedmont Ave., Berkeley. Refinishing house.  
Owner—Phi Gamma Delta Building Association.  
Architect—F. H. Reimers, Oakland.  
Contractor—Willis F. Lynn.  
Filed, July 8, '37. Dated, July 7, '37.  
House half finished ..... \$950.00  
House  $\frac{3}{4}$  finished ..... 950.00  
Completion ..... 950.00  
Usual 35 days ..... 950.00  
TOTAL COST, \$3800.00  
Bond, \$3800. Sureties, Standard Accident Ins. Co. Limit, Aug 7, 1937. Plans and specifications filed.

## GARAGE

(82) E EIGHTH ST. and 4th Ave., Oakland. Class C brick and concrete garage building.

Owner—G. Pacini.

Architect—Not Given.  
Contractor—Daneri & Swafford.  
Filed, July 8, '37. Dated, June 16, '37.  
Brick work and two side walls and rear complete ..... \$2197.78  
Sheathing on roof ..... 2197.78  
Completion ..... 2197.78  
Usual 35 days ..... 2197.78

TOTAL COST, \$8791.00  
Bond, \$8791. Sureties, Maryland Casualty Co. Limit, 60 days. Plans and specifications filed.

## EMBANKMENT

(83) BET. 85th and 98th AVENUES, Oakland. Construct railway embankment.  
Owner—Southern Pacific Company.  
Architect—Not Given.  
Contractor—J. Catuchli.  
Filed July 10, '37. Dated, July 9, '37.  
Monthly payments of ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$.....  
Bond, \$4410. Sureties, U. S. Guarantee Co. Limit, 30 days. Plans and specifications filed.

## ALTERATIONS, ETC.

(84) NE COR. COLUSA and Solano Aves., Berkeley. Moving building, alterations and additions.  
Owner—Thousand Oaks Masonic Temple Association.  
Architect—Dragon & Schmidt, Berkeley.  
Contractor—C. M. Norgrove, 2220 Roosevelt St.  
Filed and Dated, July 14, 1937.

Bldg. jacked up and ready to move ..... \$2330.50  
Bldg. resting on new foundations ..... 2330.50  
Lathed and brown plastered ..... 2330.50  
Completed ..... 2330.50  
Usual 35 days ..... \$108.00  
TOTAL COST, \$12,430  
Bond, \$12,430. Sureties Standard Accident Ins. Co. Limit, 120 days.

SAN FRANCISCO CO. PERMITS  
UNDER \$1000

SIGN, electric, \$500; 161 Ellis St.; owner, Tilden Investment Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.  
SIGN, electric, \$200; 4175 Mission St.; owner, Street & Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison.  
BILLBOARD, \$25; SE Cor. Lombard and Broderick; owner, Foster & Kleiser Co., 1675 Eddy St.  
BILLBOARD, \$7; Cor. Market, Waller and Octavia; owner, Foster & Kleiser Co., 1675 Eddy St.  
WALL, retaining, \$450; NE Innes and Earl; owner, R. S. Averill, Prem.

ALTER bathroom, \$50; 1628 Sutter St.; owner, W. W. Sanders, 1325 Le Haro St.

SIGN, electric, \$200; 4175 Mission St.; owner, Street & Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$50; 218 de Young Bldg.; owner, Ortega Investment Co., Prem.; contractor, Electrical Products Corp., 910 Harrison.

FLUE, \$100; 1026 Market St.; owner, St. Christian Bldg., c/o Contractor, contractor, C. R. Smith & Son, 4057 18th St.

ALTER dwelling, \$100; 1833 19th Ave.; owner, Lloyd Burling, 52 Cassell Ave.

ALTER flats, \$500; 4126-28 26th St.; G. A. Petersen, Prem.

ALTER store and apts., \$800; 2399 Greenwich St.; owner, A. Cravotto, Prem.; contractor, Not Selected; architect, F. W. Dakin, 825 Market St.

WAREHOUSE, 1-story frame, \$500; E. Nueva Ave., 375 N. Blanken; owner, Wm. H. Grahn, 2965 Mission St.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings
4.—Factories and Warehouses	14.—Fire Houses and Jails
5.—Flats	15.—Residences
6.—Garages and Service Stations	16.—Banks, Stores and Theatres
7.—Federal Buildings	17.—Wharves & Docks
8.—Club Buildings	18.—Misc. Const.
9.—Hospitals	19.—Misc. Supplies & Hotels

## 1—APARTMENTS

Plans Completed  
**APARTMENTS** Cost, \$105,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 1044 The Alameda.  
 Apartment house (80x415-ft.) containing 34 apts.  
 Owner and Builder—J. O. Meyers,  
 250 North Tenth St., San Jose.  
 Architect—Howard W. Higbie, 518 S  
 2nd St., San Jose.

Contract Awarded  
**APARTMENTS** Cost, \$25,000  
**OAKLAND**, Alameda Co., Calif. 15-  
 27 Home Place East.  
 Two-story apartment house (25 apts.).  
 Owner—D. Wolff, 585 Mandana Blvd.,  
 Oakland.  
 Architect—Not Given.  
 Contractor—Acme Const. Co., 555  
 Mandana Blvd., Oakland.

Sub-Contracts Awarded  
**APARTMENTS** Cost, \$16,000  
**PALO ALTO**, Santa Clara Co., Calif.  
 523-29 Byron Street.  
 Two-story frame and stucco apart-  
 ment house.

Owner—A. Darlington, Octuperto.  
 Architect—Not Given.  
 Contractor—C. A. Pellymounter, Mtn.  
 View.

Plumbing—U. Williams, 1144 Green-  
 wood Ave., Palo Alto.  
 Heating and Sheet Metal—Spangler  
 Sheet Metal Works, 624 Emers-  
 on St., Palo Alto.

Glass—West Coast Glass Co. 516 High  
 St., Palo Alto.

Hardwood Floors—F. Backlund and  
 Sons, 1229 Hoover Street, Menlo  
 Park.

Window Shades—George Petty, Palo  
 Alto.

Grading—A. Elmquist, Palo Alto.  
 Lumber—Mermer Lumber Co., Palo  
 Alto.

Mill Work—Minton Lumber Co., Mtn.  
 View.

Lathing and Plastering—W. A. Gould  
 Mountain View.

4—FACTORIES & WARE-  
HOUSES

Heating and Electric Bids Opened  
**WAREHOUSE** Cont. Fr., \$143,980  
**EMERYVILLE**, Alameda Co., Calif.  
 Powell St. and Bayshore High-  
 way.

Two-story reinforced concrete ware-  
 house and service plant (200x200  
 feet).

Owner—J. Cautcci.  
 Lessee—Bigelow-Sanford Carpet Co.,  
 of New York.

Architect—Will G. Corlett Bank of  
 America Bldg., Oakland.

Contractors—H. J. Christiansen Co.,  
 1955 Webster St., Oakland, and

W. E. Lyons Construction Co.,  
 2009 Pacific Ave., Alameda.  
 Complete heating and electric bids  
 received exclusive of general con-  
 tract, follow:

Heating	
The Stock Co., 113 10th St., Oakland	\$3,666
Frank C. Bell, Oakland	4,097
Frank J. Edwards	4,100
Carl T. Doell Co.	4,590
Pacific Gas Appliance Co.	4,660

Electric Work	
Pacific Electric Motor Co., 10th and Oak Sts., Oakland	6,155
Kenney Bros.	6,787
Scott-Butner Electric Co.	7,640
Spencer Electric Co.	8,294
T. L. Rosenberg Co.	8,605

All of Oakland.  
 Complete sub contracts awarded  
 by general contractor published on  
 May 6th

Contract Awarded  
**PIPE FACTORY** Cost, \$6,500  
**SAN FRANCISCO**, S. Bryant St.,  
 1st & 2nd.

Alter factory  
 Owner—Tidewater Assoc. Oil Co., 79  
 New Montgomery St.  
 Engineer—Norman B. Green, 55 New  
 Montgomery St.

Contractor—Miller & McGillis, 4444  
 Geary Blvd.

Contract Awarded  
**PLANT ADDITION** Cost, \$11,200  
**OAKLAND**, Alameda Co., Calif. 956  
 61st St.

One-story brick and concrete addi-  
 tion to plant.

Owner—Ralph N. Brodie Co., 61st &  
 Lowell Sts.

Architect—Not Given.  
 Contractor—The Austin Co., 1001 Ray  
 Blvd.

Sub Contracts Awarded.  
**WAREHOUSE** Cost, \$28,000  
**OAKLAND**, Alameda Co., Calif. 377  
 Second Street.

One-story concrete warehouse. (100x  
 100x200')

Owner—The Lurie Co., 333 Montgom-  
 ery St., San Francisco.

Lessee—Peninsula Stores, Inc.  
 Architect—W. D. Peugh, 333 Mont-  
 gomery St., San Francisco.

Contractor—Cahill Bros., 206 San-  
 some St., San Francisco.

Reinforcing Steel—Truscon Steel  
 Company, 608 Mission St.

Placing of Reinf. Steel—J. Phillip  
 Murphy, 3901 Mission St.

Steel Sash—Concrete Engineering  
 Co., 1250 Indiana St.

**PERMIT GRANTED**  
**TORRANCE**, Los Angeles Co., Cal.

General Petroleum Co., Higgins  
 Bldg., Los Angeles, has been granted a  
 permit by the City of Torrance to  
 install additional refinery equipment  
 in their plant in Torrance. The  
 equipment, which will include tanks,  
 towers, control houses, etc., will cost  
 approximately \$90,000. Fred Isaacs,  
 general superintendent of the plant,  
 is in charge of the work.

To Be Done By Day's Work  
**WAREHOUSE** Cost, \$15,000  
**SAN FRANCISCO**, SW Cor. Seventh  
 and Hubbel Streets.  
 Owner—Class C warehouse.  
 Owner and Builder—The Glidden Co.,  
 1309 Seventh Street.  
 Engineer—C. S. Replogle, 609 Mission  
 Street.

## 5—FLATS

Completing Plans  
**FLATS** Cost, \$.....

**STOCKTON**, San Joaquin Co., Calif.  
 Two-story frame flat building (4-  
 and 5-room flats), two fireplaces,  
 gas furnaces, tile and linoleum  
 baths, hardwood floors, wood  
 sash, wood shingle roof.

Owner—Withheld.  
 Architect—Victor Galbraith, 221 E.  
 Acacia St., Stockton.

Plans will be completed and bids  
 asked of a selected list of contrac-  
 tors within a few days.

6—GARAGES & SERVICE  
STATIONS

To Be Done By Day's Work  
**GARAGE** Cost, \$15,000

**SAN FRANCISCO**, Ellis St., near  
 Franklin St.

One-story Class C garage building  
 (68.9 ft. x 73.2 ft.); steel trusses,  
 steel windows, concrete walls, tar  
 and gravel roof.

Owner & Builder—Bargene Realty  
 Co., Ltd., Monadnock Bldg.

Architect—Chas. E. J. Rogers, Phe-  
 lan Bldg.

Planned  
**SERVICE STATION** Cost, \$.....

**AUBURN**, Placer Co., Calif. Lincoln  
 and Almond Streets.

New gasoline service station (No.  
 212).

Owner—Union Oil Co. of California.  
 Plans by Engr. Dept. of Owner.

It was reported in error July 6  
 that this contract had been awarded.

Correction in Contractor's Name  
**SERVICE STATION** Cost, \$.....

**REDDING**, Shasta Co., Calif. Mar-  
 ket and Placer Sts.

New gasoline service station.  
 Owner—Union Oil Co. of Calif.

Plans by Engineering Department of  
 Owner.

Contractor—Fred J. Early, Jr., 369  
 Pine St., San Francisco.

Name of contractor was previously  
 reported in error.

Contract Awarded  
**SERVICE STATION** Cost, \$6,500

**SAN FRANCISCO**, NW Cor. Eddy  
 and Scott Streets.

Steel service station.  
 Owner—Gilmore Oil Co., Third and  
 18th Streets.

Plans by Engr. Dept. of Owner.  
 Contractor—Mills Const. Co., Russ  
 Bldg.

Sub Contracts Awarded  
**AUTO SERVICE PLANT**

Cost, \$18,000 to \$20,000  
**SAN RAFAEL**, Marin Co., Cal. SW  
 Fourth and Shaver Streets.

Two-story reinforced concrete auto-  
 mobile sales, service and repair  
 plant (70 x 125 ft.).

Owner—Marin Investment Co. (Da-  
 vid Fyfe, Representative), San  
 Rafael.

Architect—N. W. Sexton, 1602 de  
 Young Bldg., San Francisco.

Lessee—Redwood Chevrolet Co.  
 Contractor—De Luca & Son, Inc.,  
 1745 Filbert St., San Francisco.

Roofing & Tile—G. W. Davenport,  
 717 C St.

Plumbing—Shields Co., 303 3rd St.  
 Electric Wiring—North Bay Electric  
 Co., 1022 4th St.

Sheet Metal—Pacific Heating Co., 808  
 3rd St.

Mill Work—Henry Hess Co., 229 3rd  
 St.

Painting — W. G. Thompson, 336 Church St., San Francisco.  
Lathing & Plastering—H. W. Laster, 564 Butterfield Road, San Anselmo.  
All of San Rafael, unless otherwise noted.

Contract Awarded  
SERVICE STATION Cont. Pr., \$8,350  
SAN FRANCISCO. NW Cor. Sixth and Bryant Sts.  
Gasoline service station.  
Owner—McKale's, Inc.  
Plans by Engineering Department of Owner.  
Contractor — Robert P. Kelly, 2227 20th Ave.

Sub-Contracts Awarded  
SERVICE STATION Cost, \$.....  
SACRAMENTO, Calif. Tenth and I Streets.  
Complete new super service station.  
Owner—Union Oil Co., 226 Montgomery St., San Francisco.  
Plans by Engr. Dept. of Owner.  
Contractor—W. E. Truesdale, 2116 H St., Sacramento.  
Plumbing—Luppen and Hawley Co., 3125 J Street.  
Electric Wiring—Geo. C. Foss, 1720 Eighth Street.  
Sheet Metal and Iron Works—Michel & Pfeiffer Iron Works, Inc., 19th and Harrison Sts., San Francisco.  
Glass—W. P. Fuller & Co., 1013 13th Street.  
Grading—A. Teichert & Son, 1846 37th Street.  
Lumber—Homestead Lbr. Co., 2830 P Street.  
Mill Work—Capital City Mills, 1812 G Street.  
Hardware—Shorrock Smith, 818 J St.  
Painting—A. H. Davis, 2921 J St.  
Foundations & Concrete—Carl Fiedler, 2631 50th St.  
All of Sacramento unless otherwise noted.

## 7—FEDERAL BUILDINGS

### BIDS WANTED

KENNETT DAM, Cal.—Until Aug. 10, 10 A. M. (as previously reported) bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, for the construction of a concrete testing laboratory and a combined garage and fire station at the Government Camp, Kennett Dam, Central Valley Project, about 9 miles north of Redding. The laboratory will be 39x34 ft. and the garage-fire station 59x121 feet; ship-lap siding, composition shingle roofing, wallboard interior, corrugated iron siding and roofing.  
Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid. Plans obtainable from the above address; no deposit required.

### BIDS WANTED

KENNETT DAM, Cal.—Until Aug. 9, 10 A. M. (as previously reported) bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, for the construction of an office building at the Government Camp, Kennett Dam, Central Valley Project, about 9 miles north of Redding. It will be 45x102 ft. with concrete basement and vault, wood siding exterior, comp. shingle roofing and wallboard interior.  
Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid. Plans obtainable from the above address; no deposit required.

### BIDS WANTED

KENNETT DAM, Cal.—Until Aug. 6, 10 A. M. (as previously reported) bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, for the construction of 27 duplex cottages at

the Government Camp, Kennett Dam, Central Valley Project, about nine miles north of Redding. Cottages may be prefabricated or may be built in place. They will be approximately 61x34-ft. each with building board exterior wall covering and composition shingle roofing.

Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid. Plans obtainable from the above address; no deposit required.

### BIDS WANTED

KENNETT DAM, Cal.—Until Aug. 7, 10 A. M. (as previously reported) bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, for the construction of two dormitories, three 6-room residences, two 5-room residences, fifteen 4-room residences, fourteen 3-room residences and 12 2-room residences at the Government Camp, Kennett Dam, Central Valley Project, about 9 miles north of Redding. The dormitories will be 2-story buildings, each 41x90 ft. All buildings will have wood siding over sheathing, composition shingle roofing and wallboard interior.

Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid. Plans obtainable from the above address; no deposit required.

### CONTRACT AWARDED

FORT McDOWELL, Calif.—Pacific Electric Co., San Francisco, at \$272,53 was awarded contract by the Quartermaster, Ft. McDowell, under Spec. No. 536-37-42, for furnishing disconnecting switches, fob Ft. Mason.

### CONTRACT AWARDED

VACAVILLE, Solano Co., Calif.—Studio of Architectural Sculpture, Washington, D. C., at \$93, awarded contract by the Procurement Division, Washington, D. C., for plaster models, U. S. Post Office, Vacaville.

### NEW BIDS WANTED

UKIAH, Mendocino Co., Calif.—Until July 28, new bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for bronze handrails at the U. S. Post Office in Ukiah.  
Public Building Contractors, Bronx, N. Y., at \$137, submitted previous low bid.

### CONTRACT AWARDED

SAN FRANCISCO—Clinton Const. Co. of Calif., 923 Folsom St., at \$1,950, awarded contract by the Procurement Division, Washington, D. C., for a drainage system, etc., for the U. S. Mint at San Francisco.

### BIDS WANTED

SANTA MARIA, Santa Barbara Co., Calif.—Until August 3, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Santa Maria.

July 9, 1937.

### CONTRACT AWARDED

SAN FRANCISCO—Herring-Hall-Marvin Safe Co., 214 California St., at \$1,940, awarded contract by the Procurement Division, Washington, D. C., for record vault for Bureau of Mines, Room 111, Federal Office Building, San Francisco.

### BIDS OPENED

LOS ANGELES, Calif.—C. R. Butterfield-Kennedy Co., San Pedro, Cal., at \$20,500, submitted low bid to the Procurement Division, Washington, D. C., for improvement of the site of the U. S. Quarantine Station at Los Angeles.  
Howland Engrg. & Constr. Co.

Long Beach, at \$23,500, submitted second low bid.

### CONTRACT AWARDED

SAN FRANCISCO—General Fireproofing Co., 201 Mills Bldg., Washington, D. C., at \$2,208, awarded contract by the Procurement Division, Washington, D. C., for metal shelving, etc., in the Federal Office Bldg., at San Francisco.

Other bids were:

Globe-Wernicke Co., Wash-  
ington.....\$2,522  
Rolph Mills & Co., S. F.....2,750

### MATERIALS APPROVED

SAN DIEGO, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at San Diego. General contractor, M. H. Golden: Pressure reducing valve on water supply and relief valve, Mueller Steam Specialty Co.

### MATERIALS APPROVED

SEATTLE, Wash.—Treasury Dept. approved following building material and equipment awards for the construction of the University Postal Station, at Seattle. A. F. Mowat Construction Co., general contractor: Concrete insert, Grables Mfg. Co.; steel insert, Crawford Co.; pipe hanger, Graber Mfg. Co.; glassware, Gil Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Moe-Bridges Corp.

### CONTRACT AWARDED

ORANGE, Calif.—H. V. Taylor, 124 W. 21st St., Long Beach, at \$183, awarded contract for entrance railing in the U. S. Post Office at Orange.

### BIDS WANTED

SANTA BARBARA, Calif.—Until August 6, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for metal counters, gates, partitions, etc., in the U. S. P. O. at Santa Barbara.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at Santa Barbara.

### CONTRACT AWARDED

LOS ANGELES, Calif.—Natural Gas Equip. Co., 714 W. Olympic Blvd., Los Angeles, awarded contract by the Veterans' Administration, Washington, D. C., for gas and oil burning equipment at the Veterans' Administration Facility, Los Angeles, under Spec. No. 3753-H.

### Bids Opened

POST OFFICE  
AUBURN, Wash.  
United States Post Office Bldg.  
Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.  
Low Bidder—James I. Barnes, Wilhoit Bldg., Springfield, Mo.—\$57,037.

Complete bids follow:  
James I. Barnes, Springfield, Mo.: \$57,037.

Westport Constr. Co., Inc., Seattle: \$59,279.

A. F. Mowat, Seattle, Wash.: \$59,780.

William Petersen, Seattle, Wash.: \$59,852.

West Coast Constr. Co., Seattle, Wash.: \$61,708.

Harry Bover Son & Co., Olympia, Wash.: \$62,000.

Blayner Constr. Co., Chicago, Ill.: \$62,460.

MacDonald Constr. Co., St. Louis, Mo.: \$62,618.

H. R. Olsen, Tacoma, Wash.: \$64,085.

Peder P. Gjord, Seattle, Wash.:

\$64,500.  
 A. S. Haosen Co., Seattle, Wash.:  
 \$65,500.  
 Welter & Johnson, Tacoma, Wash.:  
 \$66,500.  
 L. F. Dow Co., Los Angeles, Calif.:  
 \$66,761.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Until July 22, 11 a. m., bids will be received by the Eleventh Naval District, under Spec. #463, for recabling elevator, Building No. 10, at the Naval Hospital (11th Naval District), San Diego. Work includes the removal of the present hoisting cables and the furnishing and placing of new hoisting cables for one existing passenger elevator in Building No. 10.

Specifications may be obtained from Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, upon deposit of check or postal money order for \$5, made payable to the Chief of the Bureau of Yards and Docks. (0742)

**BIDS WANTED**

**LODI, San Joaquin Co., Calif.**—Until Aug. 5, 10 a. m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting exterior concrete of the U. S. Post Office at Lodi. Specifications may be obtained from the above office and from the Custodian of the Building at Lodi.

**PROPOSED**

**TUZA, Ariz.**—Application has been made by the Nevada California Electric Corp. for War Department permit to construct a 2300-volt overhead electric transmission line across the Colorado River at a minimum distance of 420 feet downstream from the existing highway bridge, at Yuma, the line to consist of 3 bare copper stranded wires with span of 648 feet between wood pole supports and minimum vertical clearance of 53 feet above the present average high water surface of the river. Drawing showing the location and plan of the proposed work may be seen at the office of the U. S. Engineer, Los Angeles, until 11 a. m., July 12.

**LOW BIDDER**

**SAN PEDRO, Calif.**—American Bronze Co., 1316 W. 63rd St., Chicago, Ill., at \$88, submitted low bid to the Procurement Division, Washington, D. C., for white bronze tablet in the U. S. Post Office and Custom House at San Pedro. Second low bid at \$145, submitted by A. J. Boyer Co., Los Angeles.

**CONTRACT AWARDED**

**FORT McDOWELL, Calif.**—Western Asbestos Co., 675 Townsend St., San Francisco, at \$3,344, was awarded contract by Constructing Quartermaster, Fort McDowell, for installation of acoustical material on the ceiling of first floor, and ceilings of the kitchen and mess hall, second floor of Station Hospital Annex (Bldg. No. 18) and ceilings of first floor of Station Hospital Annex (Bldg. No. 23) at Fort McDowell, under Prop. No. QM 536-37-35.

**CONTRACT AWARDED**

**SAN RAFAEL, Marin Co., Calif.**—John Carcano, 122 Claremont Ave., at \$608.50, awarded contract by the Procurement Division, Washington, D. C., for constructing a retaining wall and extending the driveway at the U. S. Post Office at San Rafael.

**Rids Opened  
 REPAIR BLDG., ETC.**

Estimated Cost, \$190,000  
**SACRAMENTO CO., Calif.** Army Air Depot, near North Sacramento.

**Equipment Repair Building (Spec. No. 379-E):** Two-story, reinf. concrete building, 200 x 60 feet; **Operating Office and Engineering Office Buildings (Spec. No. 385-E):** Two-story reinf. conc. annexes to the engineering shop, 40 x 87 feet.

Owner—U. S. Government (Major Arthur W. Parker, Constructing Quartermaster, P.O. Box 1646, Sacramento).

Plans prepared by the office of the Quartermaster General, Washington, D. C.

Bids will be taken as follows:

Item (1) **Equipment Repair Bldg.:** (1a) Addition of one section of building; (1b) partitions in offices 1, 2, 3 and 4.

Item (2) **Operating and Engineering Office Buildings.**

Item (3a) **Deduct from Item (1)** in case all three buildings are awarded one party.

Item (3b) **Deduct from Item (2)** in case all three buildings are awarded one party.

Item (4) **Unit prices.** These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material complete in place, unless otherwise noted:

- (a) Earth excav., per cu. yd.
- (b) Rock excav., per cu. yd.
- (c) Wet excav., per cu. yd.
- (d) Type A concrete, incl. forms, per cu. yd.
- (e) Type B concrete, incl. forms, per cu. yd.
- (f) Light weight concrete, including forms, per cu. yd.
- (g) Structural steel, per ton;
- (h) Reinforcing steel, per ton;
- (i) Glass block, per sq. ft.
- (j) 8-in. tile partitions, per sq. ft.;
- (k) 6-in. tile partitions, per sq. ft.;
- (l) 4-in. sub soil drain, per lf.;
- (m) 6-in. vit. clay pipe, per lf.;
- (n) Galvanized iron duct work, per lb.

Total bids follow:

(A) MacDonald & Kahn, Ltd., 200 Financial Center Bldg., San Francisco—Item (1) \$148,641; (1a) \$9,450; (1b) \$9,600; Item (2) \$77,777; Item (3a) \$1600; Item (3b) \$1,500.

(B) Eaton & Smith, San Francisco—Item (1) \$150,000; (1a) \$9,500; (1b) \$9,750; Item (2) \$82,500; Item (3a) \$500; (3b) \$500.

(C) Azavedo Constr. Co., Sacramento—Item (1) \$150,500; (1a) \$12,000; (1b) \$2,780; Item (2) \$87,938; Item (3a) \$500; Item (3b) \$400.

(D) K E Parker Co., San Francisco—Item (1) \$151,800; (1a) \$9,190; (1b) \$9,585; Item (2) \$81,386; Item (3a) \$2000; Item (3b) \$1,200.

Unit bids follow:

	(A)	(B)	(C)	(D)
(a)	\$ 2.00	\$ 1.00	\$ 2.00	\$ 1.50
(b)	5.00	2.00	4.00	5.00
(c)	7.00	3.00	2.50	5.00
(d)	22.00	14.00	16.00	14.00
(e)	22.00	15.00	20.00	17.50
(f)	24.00	20.00	24.00	20.00
(g)	150.00	120.00	150.00	120.00
(h)	130.00	120.00	120.00	120.00
(i)	2.25	1.75	1.75	2.25
(j)	40.00	44.00	33.00	42.00
(k)	25.00	25.00	25.00	30.00
(l)	65.00	70.00	75.00	40.00
(m)	1.80	95.00	1.00	.75
(n)	40.00	25.00	25.00	.10

Bidders specified following time schedules: A—begin in 10 days and finish in 30 days; B—begin in 10 days and finish in 30 days; C—begin in 15 days and finish in 30 days; D—begin in 5 days and finish in 20 days.

**BIDS WANTED**

**SAN FRANCISCO, Calif.**—Until August 6, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for landscape work at the U. S. Mint, San Francisco.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Until July 27, 11 a. m., bids will be received by the Eleventh Naval District, under Spec. #498, for painting wood masts at the Naval Radio Station, Point Loma, Naval Operating Base, San Diego.

Work consists of painting (a) two wood latticed masts, approx. 233 ft. high and 178 ft. high; (b) one spar mast approx. 68 ft. high; and (c) one flapole, approx. 57 ft. high.

Plans and specifications may be obtained from the Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, upon deposit of \$10, payable to the Chief of the Bureau of Yards & Docks.

**BIDS OPENED**

**SEATTLE, Wash.**—Western Const. Co., Seattle, at \$8,996, submitted low bid to the Treasury Department at the office of the District Engineer, Wm. Arthur Newman, 232 Federal Office Bldg., San Francisco, for roof repairs, etc., at the U. S. Federal Office Bldg., Seattle, Wash., under Spec. SE-R.

Complete bids follow:  
 Western Const. Co., Seattle \$8,996  
 Neise Mortenson & Co., Seattle 9,350  
 Peder P. Girarde, Seattle 9,486  
 Henry L. Grohne, Decatur, Ill. 11,700

**8— CLUB BUILDINGS**

**Sub Contracts Awarded**

**CLUB HOUSE**  
**ALAMEDA CO., Calif.** Tilden Park. One-story golf club house (log siding, lockers, toilets, showers, etc.).  
 Owner—East Bay Regional Park District Golf Club.  
 Architect—Earl MacDonald, 110 Sutter St., San Francisco.  
 Contractor—W. G. Thornally, Builders' Exchange Bldg., Oakland.  
**Roofing**—Crown Roofing Co., 1911 E. 12th St.  
**Plumbing**—Carl T. Doell Co., 467 21st St.  
**Electric Wiring**—California Electric Co., 1125 Oak St.  
**Heating**—Harer-Perry Co., 5662 Keith Ave.

**Sheet Metal**—East Bay Sheet Metal Works, 1101 Market St.  
**Tile Work**—Rigney Tile Co., 3012 Harris St.  
**Glass**—W P Fuller, 259 10th St.  
**Hardwood Floors**—Rex Floor Co., 2468 65th Ave.  
**Brick & Stone Work**—Knudsen & De Villiers, 2724 Balfour Ave.  
**Painting**—J. J. Tuzeeon Painting Co., 2059 Webster St.  
**Lathing & Plastering**—P. H. Donnell, 354 Hohart St.  
**Linoleum**—Linoleum Studio Co., 2061 Webster St.  
 All of Oakland.

**Plans Being Figured—No Closing**

**Date Yet Set**  
**ATER HALL** Cost, \$  
**SAN JOSE, Santa Clara Co., Calif.**  
 Santa Clara St.  
 Alter Messer Hall.  
 Owner—Withheld.  
 Architect—Einder & Curtis, 25 West San Carlos St.  
 Following are figuring plans:  
**C A Higgins, 342 Spencer Ave., San Jose.**  
**Geo. Thorp, 1050 S. Seventh St., San Jose.**  
**Bert Ward & Son, 1139 Lincoln Ave., San Jose.**

**Bids Opened**  
**REMODEL BLDG.** Cost, \$.....  
 SAN FRANCISCO. McAllister St., bet. Van Ness Ave. and Polk St. Remodel building for museum and art gallery and future clubrooms and dining room.  
 Owner—City of California Pioneers, c/o Architect.  
 Architect—John H. Ahnden, 822 39th Avenue.

Low Bidder—William Martin, 666 Mission St.—\$18,523.  
 Complete bids follow:

**General Construction**  
 Wm. Martin ..... \$18,523.00  
 E. A. Anderson ..... 20,250.00  
 A. F. Matlock Co. .... 21,340.00  
 D. B. Gladstone ..... 22,650.00

**Heating**  
 Celan Heating & Sheet Metal Co., 1060 Folsom St. .... 2,145.00  
 General Sheet Metal Co. .... 2,165.00  
 Atlas Heat & Vent. Co. .... 2,386.00  
 H. C. Stockle Co. .... 2,672.35

Bids held under advisement.

## 9—HOSPITALS

**BIDS OPENED**  
 SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., 1999 Bryant St., at \$15.00 submitted low bid to the Custodian, U. S. Marine Hospital, San Francisco, for waterproofing the parapet wall on the main hospital building. Work includes entire perimeter of the main hospital building except the center wing.  
 Complete bids follow:  
 J. W. Bender Roofing & Paving Co., \$115; 10 days.  
 Alta Roofing Co., \$214; 30 days.  
 Nick Hemminga, \$225; 60 days.  
 Schulman-Conroy Co., \$260; 15 da.

**Planned**  
**ADDITION** Cost, \$80,000  
 SAN JOAQUIN CO., Cal. Bret Harte Sanatorium.  
 New hospital building.  
 Owner—San Joaquin County.  
 Architect—Not Selected.

If an expected PWA grant is secured, the entire project will be attempted; however, should it be denied, the first wing will be constructed at a cost of \$40,000 included in the San Joaquin County budget for the coming year.

## PLANS BEING FIGURED

LONG BEACH, Cal.—F. H. Gentry, engineer, Jergins Trust Bldg., Long Beach, is taking bids for a one- and part two-story and basement hospital building (91x70-ft.) to be built at 35th St. and Atlantic Ave., Long Beach, for Long Beach Maternity Hospital.

**Bids Opened**  
**ADDITION** Cost, \$.....  
 STOCKTON, San Joaquin Co., Calif. State Hospital Farm.  
 Addition to refrigerating plant in kitchen building.

Owner—State of California, Department of Institutions.  
 Architect—Geo. B. McDougall, State Architect-Public Works Building, Sacramento.  
 Low Bidder—J. N. Elair & Co., Sacramento, \$2,926.

Only other bid submitted by York Ice Machinery Corp., San Francisco, at \$2,999.

**Bids Wanted—To Close July 22, 2 P. M.**

**ADDITIONS** Cost, \$163,462  
 SALEM, Marion Co., Calif.  
 Additions to Eastern Oregon State Tuberculosis hospital (The Dalles) of one-story frame pavilion; concrete boiler house; two-story frame nurses' home; frame physicians' home.  
 Owner—State of Oregon.  
 Architect—Leslie & Marsh, 701 Woodlark Bldg., Portland.

Plans and specifications may be obtained at the office of the architect upon deposit of \$25.

**Preparing Plans**  
**HOSPITAL ADDITION** Cost, \$.....  
 SONORA, Tuolumne Co., Calif.  
 Two-story concrete addition to the Tuolumne County Hospital.  
 Owner—Tuolumne County.  
 Architect—William Mooser, 244 Kearny St., San Francisco.

## 10—HOTELS

**Work Indefinitely Postponed**  
**HOTEL ADDITION**  
 Estimated Cost, \$100,000  
 RENO, Nevada. 239 W. 2nd St.  
 Six-story reinforced concrete and steel 54-room addition (50x80 ft.) to El Cortez Hotel.  
 Owner—El Cortez Hotel.  
 Architect—Layman Ferris, Cladianos Bldg., Reno.

## 11—ICE AND COLD STORAGE PLANTS

**Contract Awarded**  
**ALTER COOLING TOWER**  
 Cost, \$12,000  
 SAN FRANCISCO, SW Lombard and Sansome Sts.  
 Alter cooling tower.  
 Owner—Merchants Ice & Cold Storage Co., Lombard and Battery Streets.  
 Architect—Not Given.  
 Contractor—C. C. Moore & Co., 450 Mission St.

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

**BIDS WANTED**  
 LOS ANGELES, Calif.—Until Aug. 10, 10 a. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for the sale of the following: Change house, 28x44 ft., and a warehouse, 30x24 ft., at 1000 Palms Camp, Bid No. SW 309, mess hall, 36x87 ft., office, 18x36 ft., engineer's building, 22x79 ft., cottage, 26x44 ft., cottage, 28x44 ft., commissary, 30x50 ft., 13 dormitories, each 33x100 ft., at Wide Canyon Camp, Bid No. SM 306; cottage, 30x30 ft., garage, 20x20 ft., at 1000 Palms Camp, Bid No. SM 305.

**BIDS WANTED**  
 SAN MATEO, San Mateo Co., Cal.—Until July 19, 8 P. M., bids will be received by the City of San Mateo, Belton Rhodes, City Clerk, for moving and relocating the dwelling situated at 204 Fourth St. Ave., in accordance with plans and specifications on file in the office of the City Clerk.

**Bids Wanted—To Close August 10, 1:30 P. M.**

**JAIL** Cost, \$14,000  
 WATSONVILLE, Santa Cruz Co.  
 One-story reinforced concrete jail building (3 offices, 5 cells), concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.  
 Owner—City of Watsonville.

Architect—W. Story, Palero Valley Bank Bldg., Watsonville.  
 Plans and specifications may be obtained at the office of the City Clerk, 268 Main St., Watsonville, upon deposit of \$25.  
 Bids will be opened at the same office.

**CONTRACT AWARDED**  
 SAN FRANCISCO—Cochran & St. Clair, 922 Mission St., at \$3,712, awarded contract by the Public Utilities Commission, City Hall, under San Francisco Water Department Spec. No. 142, for furnishing and installing an automatic air condition-

ing system in the Water Department Bldg., 425 Mason St.

**Contract Awarded**  
**SOUTH TOWERS** Cont. Pr., \$75,660  
 YERBE BURNER SHOALS, Cal. Site of the 1939 World's Fair.  
 Two towers, 104 feet high above pile foundations. Structures are temporary exposition buildings, serving largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finishing work is included in the contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.  
 Plans by San Francisco Bay Architectural Commission, 585 Bush.  
 Contractor—T. Lesure, 87 Ross Circle, Oakland.

**Architects Appointed**  
**STATE LIBRARY & OFFICE BLDG.**  
 Estimated Cost, \$1,000,000  
 SALEM, Marion Co., Oregon.

New state library and office bldg. Owner—State of Oregon.  
 Architects—Whitehouse and Church, Railway Exchange Bldg., Portland, and Trowbridge, Livingston and Francis Keally, New York.

Plans and specifications must be in hands of PWA officials No. 1, and site acquired, before \$450,000 PWA grant is made; state has appropriated additional \$550,000.

**BIDS WANTED**  
 WATSONVILLE, Santa Cruz Co., Calif.—Until August 10, 7:30 p. m., bids will be received by M. M. Swisher, City Clerk, 268 Main St., City Hall, Watsonville, for placing a new roof on the City Hall building. The present roof to be removed and disposed of by the successful bidder.

Bidder will furnish his own specifications on each type of roof bid on, specifying the life of the roof and the guarantee thereon.

**BIDS WANTED**  
 SAN FRANCISCO—Until July 21, 1:45 p. m., informal bids will be received by the Department of Public Works, Room 25, City Hall, alterations to doors on elevator in Hall of Justice. Specifications obtainable from the office of Superintendent of Public Buildings, R. A. Chisholm, 484 11th St.

**BIDS OPENED**  
 SAN FRANCISCO—James A. Nelson, Inc., 1375 Howard St., at \$9,786, submitted low bid to the Department of Public Works, City Hall, for heating system at the Redding School, SW C. Pine and Larkin Sts.

Complete bids follow:  
 James A. Nelson, Inc. .... \$9,786  
 M. F. Reeves Heating Co. .... 10,344  
 Alta Elec. & Mech. Co. .... 10,350  
 O'Mara & Stewart ..... 10,619  
 Sutton-Cochrane Co. .... 10,848  
 Knittle Bros. .... 10,953  
 Correy & Joslin Co., Inc. .... 10,984  
 Anderson & Rowe ..... 11,560

**BIDS OPENED**  
 SAN FRANCISCO—W. R. Ames Co., 150 Hooper St., at \$4,616, submitted low bid to the Department of Public Works, City Hall, for metal cases and cabinets to be furnished and installed on fourth, fifth and sixth floors of Bechthold Cancer Bldg., Maternity wing, San Francisco Hospital, Potrero Ave. and 22nd St.  
 Complete bids follow:  
 W. R. Ames Co. .... \$4,616  
 Munthe Equip. Co. .... 5,650  
 Forrester Corncase Works ..... 7,445



**BIDS WANTED**

**MARYSVILLE**, Yuba Co., Calif.—Until July 19, 7.30 p.m., bids will be received by the City of Marysville, Chester O. Jates, City Clerk, for purchase and removal of that certain five-room stucco dwelling house and garage located at 930 Fifth Street, Marysville.

**14—RESIDENCES**

**Sub Contracts Awarded**  
RESIDENCE Cont. Pr., \$5,724

**SANTA ROSA**, Sonoma Co., Calif. Two-story frame and stucco residence (hardwood floors, tile bath, etc.).

Owner—T. W. Browncombe.  
Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—C. L. Fyrenott, 731 Santa Rosa Ave., Santa Rosa.

**Roofing**—C. D. Roberts, 432 3rd St.

**Plumbing**—Hall Bros., 107 Roberts Ave.

**Electric Wiring**—L. A. Drake, 516 4th St.

**Sheet Metal**—D. E. Metzger, 898 4th Street.

**Tile Work**—Don Dale, 526 Orchard Street.

**Brick & Stone Work**—Dave Jordan, 163 Lincoln St.

**Lumber**—Mead Clark Lumber Co., 3rd and Railroad Ave.

**Contract Awarded**

RESIDENCE Cost, \$6,000

**SAN MATEO**, San Mateo Co., Cal.

Lot 16 Blk 25, Avila St.

One-story frame and stucco residence.

Owner—Mendo Corp., 1138 Clement St., San Francisco.

Architect—Ed. M. Sharpe, 111 Sutter St., San Francisco.

Contractor—Edw. Janesen, 407 South Ellsworth, San Mateo.

**Preparing Plans**

RESIDENCE Cost, \$5,000-6,000

**SAN FRANCISCO**, Calif. Parkside District.

One-story frame residence with drop siding (5 rooms), asbestos tile roof, hardwood floors, tile bath, wood sash, etc.

Owner—Withheld.

Architect—Albert H. Larsen, 333 Kearny St.

**Plans Being Figured — To Close**

July 20, 5 P. M.

RESIDENCE Cost, \$.....

**BURLINGAME**, San Mateo Co., Cal.

V. Chapin Lane.

Two-story frame residence (10 rms.), shingle roof, wood sash, hardwood floors, tile baths, etc.

Owner—Clarence Postley.

Architect—Gardner A. Dailey, 210 Post St., San Francisco.

Plans are being figured by the following selected list of contractors:

A. F. Mattock Co., 212 Clara St., San Francisco.

H. H. Larsen Co., 61 South Park Ave., San Francisco.

Suburban Builders, Inc., 1182 Market St., San Francisco.

V. K. Dowsett, Russ Bldg., San Francisco.

C. W. Kemper, 125 Bryant St., Palo Alto.

**Preparing Plans**

RESIDENCE Cost, \$8,000

**ALAMEDA**, Calif. Fernside Tract.

One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, wood sash, hot air heating system.

Owner—Wallace Miracle.

Plans by—Paul V. Tuttle, 3718 Grand Ave., Oakland.

Upon completion of plans, general figures will be asked of two selected contractors.

**Plans Being Figured—To Close About**

July 22

RESIDENCE Cost, \$.....

**LODI**, San Joaquin Co., Calif.

One-story residence (6 rooms and 2 baths), tile or composition roof, oil burning furnace, wood sash, stucco exterior, moloium bath.

Owner—Withheld.

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans are being figured by a selected list of contractors:

**Bids Rejected**

RESIDENCE Cost, \$.....

**HILLSBOROUGH**, San Mateo Co.

Two-story frame and stucco residence (4 bedrooms and 2 baths), hardwood floors, tile baths, wood sash, hot air gas-fired heating system, shingle roof, etc.

Owner—Withheld.

Architect—William Henry Rowe, 351 California St., San Francisco.

Construction has been indefinitely postponed due to present labor conditions.

**To Be Done By Day's Work**

RESIDENCES Cost, \$.....

**OAKLAND**, Alameda Co., Calif. Harbor Drive.

Two one-story frame and stucco residences (6 rooms each).

Owner & Builder—Ed. Larmer, 90 Fairview Ave., Piedmont.

Architect—Irvin M. Johnson, 2219 7th Ave., Oakland.

**Preparing Working Drawings**

DUPLEX RESIDENCE Cost, \$10,500

**MORAGA**, Contra Costa Co., Calif.

Two-story frame and stucco duplex residence (2 5-room flats), hot water heating system, shake roof, hardwood floors, tile baths, etc.

Owner—Mr. Shelton, c/o Architect.

Architect—Irvin M. Johnson, 2219 7th Ave., Oakland.

Upon completion of plans general figures will be taken

**Plans Being Revised**

RESIDENCE Cost, \$.....

**SAN ANSELMO**, Marin Co., Calif.

One-story frame and stucco residence, hardwood floors, tile baths, etc.

Owner—Samuel Abrams, c/o Architect.

Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

**Preparing Plans**

RESIDENCE Cost, \$.....

**TRIAH**, Mendocino Co., Calif.

Two-story frame residence (8 rms.), hardwood floors, tile baths, shake roof, etc.

Owner—George Wildberger, c/o Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Upon completion of plans general bids will be asked

**Plans Being Figured — To Close July**

23, 4 P. M.

RESIDENCE Cost, \$.....

**PALO ALTO**, Santa Clara Co., Calif.

Two-story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood shingle roof, oil-fired hot air heating system, etc.

Owner—Withheld.

Architect—A. C. Williams, 51 Arguello Blvd., San Francisco.

Plans are being figured by a selected list of contractors:

**Sub Contract Awarded**

RESIDENCE Cost, \$10,000

**SAN MATEO** Calif. 242 Clark Dr.

Two-story frame and stucco residence.

Owner—W. W. Frank, c/o Contractor.

Architect—J. K. Ballantine, Jr., 137 Harlan Place, San Francisco.

Contractor—G. W. Williams Co., 315

Primrose Road, Burlingame.

**Lumber**—Smith Lumber Co., 4th and Channel Sts., San Francisco.

**Sub Contracts Awarded**

RESIDENCE Cost, \$.....

**HILLSBOROUGH OAKS**, San Mateo Co., Calif.

Two-story frame and stucco residence (10 rms.), hardwood floors, tile baths, shingle roof, hot air heating system, etc.

Owner—E. J. McLaughan, c/o Architect.

Architect—Angus McSweeney, 604 Mission St., San Francisco.

Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

**Electric Wiring**—Medley Electric Co., 1163 Broadway, Burlingame.

**Brick and Stone Work**—Chas. Obran & Sons, 1038 Chula Vista Ave., Burlingame.

**Mill Work**—Lannon Bros., 5th and Magnolia Sts., Oakland.

**Contract Awarded**

RESIDENCE Cost, \$7,500

**OAKLAND**, Alameda Co., Calif. E. side of Holyrod Drive, Lot 3005, Piedmont Pines.

One-story frame and stucco residence (6 rooms).

Owner—A. H. Rarey, 240 Taurus Ave.

Architect—Not Given.

Contractor—I. W. Scammell, 3161 Fruitvale Ave.

**Contract Awarded**

RESIDENCE Cost, \$8,000

**OAKLAND**, Alameda Co., Calif. 33 Cabrillo Place.

Two-story frame and stucco residence (7 rooms).

Owner—E. H. Carlton, 138 Monte Cresta Ave., Oakland.

Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

**To Be Done By Day's Work**

RESIDENCES Cost, \$5,000 each

**SAN FRANCISCO**, W. St. Elmo Way 94 and 124 N. of Monterey Blvd.

Two one-story and basement stucco residence.

Owner and Builder—F. H. Thorinson, 1630 Ocean Ave.,

Architect—Not Given.

**Contract Awarded**

RESIDENCE Cost, \$13,000

**PALO ALTO**, Santa Clara Co., Calif. 425 Columbia St.

Two-story stucco and brick veneer residence and garage.

Owner—Dr. L. B. Crow, 450 Dartmouth St.,

Architect—Not Given.

Contractor—Hugo M. Hulthberg, 29 San Mateo Drive

**Contract Awarded**

RESIDENCE Cost, \$10,000

**SAN MATEO**, Calif. 212 Clark Dr.

Two-story frame and stucco residence.

Owner—W. W. Frank, c/o Contractor.

Architect—J. K. Ballantine, Jr., 137 Harlan Place, San Francisco.

Contractor—G. W. Williams, 315 Primrose Road, Burlingame.

**Completing Plans**

RESIDENCE Cost, \$.....

**PALO ALTO**, Santa Clara Co., Calif.

Two-story frame and stucco residence (8 rooms), hardwood floors, tile baths, wood shingle roof, oil-fired hot air heating system, etc.

Owner—Withheld.

Architect—A. C. Williams, 51 Arguello Blvd., San Francisco.

Plans are being completed and will be sent out in a selected list of contractors July 13.

Bids will be opened July 23, 4 p.m., in the architect's office.

**Bids In—Held Under Advisement**  
RESIDENCE Cost, \$.....  
SAN ANSELMO, Marin Co., Calif.  
One - story frame and stucco residence, hardwood floors, tile baths, etc.  
Owner—Samuel Abrams, c/o Architect.  
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.  
Announcement shortly.

**Bids In—Announcement Shortly**  
RESIDENCE Cost, \$8,000  
BERKELEY, Alameda Co., Calif.  
One - story frame and stucco residence (6 rooms), shake roof, hardwood floors, linoleum baths, gas fired hot air heating system, etc.  
Owner—Mr. Chantler, c/o Architect.  
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.

**Plans Being Figured—To Close**  
July 20  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda Co., Calif.  
One - story frame and stucco residence (5 rooms), wood shingle roof, hardwood floors, tile baths, etc.  
Owner—Clay Sherman, c/o Architect.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Plans are being figured by a selected list of contractors.

**Sub Contracts Awarded**  
ALTERATIONS Cost, \$3,000  
SAN FRANCISCO 2513 Pierce St.  
General alterations to residence.  
Owner—George Goodday, 2701 Van Ness Avenue.  
Architect—Hertzka & Knowles, 369 Pine Street.  
Contractor—Stuart Foster, 28 Harry Street.

**Plumbing & Heating—Reeves Heating Co., 959 Natoma St.**  
Electric Wiring—Fred Johnson Co., 3363 Army St.  
Sheet Metal—Colan Heating Co., 1060 Folsom St.

**Glass—S. F. Glass Co., 5234 Mission St.**  
**Hardwood Floors—Inlaid Floor Co., 600 Alabama.**  
**Brick & Stone Work—Chas. H. Manning, 150 Santa Ana St.**  
**Lumber—Allen & Dettmann.**  
**Mill Work—C. E. Reinart, 535 10th Street.**

**Contract Awarded**  
RESIDENCE Cost, \$15,000  
TAYLOR GARDENS, Alameda Co.  
Three-story frame and stucco residence (9 rooms, 3 baths) wood sash tile roof, hardwood floors, tile baths, gas-fired hot air heating system.  
Owner—R. McKee, c/o Architect.  
Architect—Edwin L. Snyder, 2104 Anderson St., Berkeley.  
Contractor—A. T. Beckett, 315 14th St., Oakland.

**Contract Awarded**  
RESIDENCE Cont. Price, \$12,607  
OAKLAND, Alameda Co., Cal. Piedmont Pines.  
Two - story frame and stucco residence (7 rms.) composition roof, hardwood floors, wood sash, etc.  
Owner—Wibheld.  
Architect—Charles W. McCall, 1404 Franklin St., Oakland.  
Contractor—Williams & Parsons, 2268 80th Ave., Oakland.

**Plans Being Figured—To Close July 24, 2 P. M.**  
RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co.  
Two - story frame and stucco residence (eight rooms) shake roof, hardwood floors, wood sash, gas-fired hot air heating system.  
Owner—John Willard, c/o architect

Architect—Higgins & Root, Security Bldg., San Jose.

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
OAKLAND, Alameda Co., Cal. 1350 Sunnyhills Road.  
Two - story frame and stucco residence (7 rooms).  
Owner—A. R. Lapham, 904 Trestle Glen Ave., Oakland.  
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.  
Contractor—Theo. H. Lapham, 546 Kenmore Ave., Oakland.

**Contract Awarded**  
RESIDENCE Cont. Price, \$8,739  
SAN FRANCISCO, S Belgrave St. 371 S of Stanyan St.  
One - story and basement frame and stucco residence and garage.  
Owner—W. E. Carter, c/o contractor.  
Architect—Not Given.  
Contractor—Ed. Zinkand & Son, 667 36th Avenue.

## 15—SCHOOLS

**BOND ELECTION**  
HUMBOLDT COUNTY, Cal.—Cutler School District will vote July 30 on a proposal to issue bonds in the amount of \$5,000, proceeds to finance construction of alterations and improvements to school buildings.

**Bids Wanted—To Close July 26, 8 P. M.**

**ALTERATIONS** Cost, \$.....  
BURLINGAME, San Mateo Co., Cal.  
Electrical wiring and installation of lighting fixtures in the McKinley and Roosevelt school buildings.

**Owner—Burlingame Elementary Sch. District.**  
**Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.**

Plans and specifications are new on file at the architect's office and at the office of Supt. L. D. Henderson, McKinley School, Burlingame.  
Bids will be opened in the McKinley School.

**Bids Wanted—To Close July 27, 8 P. M.**

**STEEL TRUSSES** Cost, \$.....  
KINGSBURG, Fresno Co., Calif.  
Erection and construction of steel trusses over the auditorium portion of the Roosevelt School Bldg.  
Owner—Kingsburg Elementary Sch. District.

**Architect—W. D. Coates, 626 Rowell Bldg., Fresno.**

Plans and specifications may be obtained from the architect's office and from the office of Fred Danielson, Clerk of the Board, at Kingsburg.

Bids will be opened in the Board room in the high school, Kingsburg.

**Bids Wanted — To Close July 26, 5 P. M.**  
HEATING SYSTEM, ETC.

Cost, \$.....  
HILLSBOROUGH, San Mateo Co., Cal. El Cerrito and Stoneledge Roads.  
Hot water heating system and furnace room for Hillsborough District School.

**Owner—Hillsborough School District (Thomas H. Breeze, Clerk).**  
**Engineers—Leland & Haley, 58 Sutter St., San Francisco.**

Plans and specifications obtainable at the office of the Engineer's on deposit of \$10.  
Separate bids will be received for the heating system and furnace room. Bids will be opened in the office of the District Superintendent, Hillsborough District School House.

**BIDS WANTED**  
SAN FRANCISCO—Until July 21, 11 P. M. informal bids will be re-

ceived by the Department of Public Works, Room 251, City Hall, for moving the fuel oil tank at Galileo High School, Bay St. and Van Ness Ave.  
Plans are being figured by a selected list of contractors to be announced shortly and bids will be opened in the architect's office.

**Sub-Contracts Awarded**  
RESIDENCE, ETC. Cost, \$14,000  
FRESNO, Fresno Co., Calif. 540-544 Fresno Street.  
Residence, office and garage.  
Owner—Ayaka Tanabe.  
Architect—James S. Arnot, 315 Brick Bldg., Fresno.

**Contractor—L. H. Hansen and Son, P. O. Box 519, Fresno.**  
**Electric Wiring—Electric Const. Co., P. O. Box 638.**

**Heating—Barrett - Hicks Co., 1031 Broadway.**

**Sheet Metal—Patton Sheet Metal, 312 North H Street.**

**Glass—Valley Glass Co., 2220 Inyo Street.**

**Iron & Mill Work—Kyle & Co., 346 G Street.**

**Lumber—Maiser Bros., P. O. Box 2278.**

**Mill Work—Fresno Planing Mill, H and Monterey Streets.**

**Painting—Carl Larsen, 3119 Alta Ave.**

**Lathing and Plastering—Joe Masi, 515 Oleander Street.**

**Hardware—Walter Byde Co., 1331 Fulton Street.**

**Grading—Grant Service, Patterson Street.**

**Roofing and Tile Work—Ed Ranklin, All of Fresno.**

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall.

**Preparing Plans**  
ADDITION Cost, \$.....

SONORA, Tuolumne Co., Calif.  
Addition to gymnasium building at Sonora Union High School.

**Owner—Sonora Union High School District.**  
**Architect—William Mooser, 244 Kearny St., San Francisco.**

**Preparing Plans**  
SCHOOL ADDITION Cost, \$.....

SONORA, Tuolumne Co., Calif.  
Three-classroom addition to the Sonora Union High School.

**Owner—Sonora Union High School District.**  
**Architect—William Mooser, 244 Kearny St., San Francisco.**

**Award of Contract Held Up**  
ALTERATIONS

MILL VALLEY, Marin Co., Calif.  
Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.).

**Owner—Mill Valley School District.**  
**Architect—Walter Falch, Hearst Bldg., San Francisco.**

**Low Bidder—De Luca & Son, Inc., 1745 Filbert St., San Francisco—\$45,544**

Award of contract temporarily held up pending possible PWA grant.  
Complete bids published June 15.

**New Bids Wanted — To Close July 30, 5 P. M.**

REHABILITATE SCHOOL  
BREWSTERWOOD, Contra Costa County, Calif.

Structural rehabilitation of Brentwood Deer Valley Grammar School.

**Owner—Brentwood School District.**  
**Architect—Frederick H. Reimers, 233 Post St., San Francisco.**

**Engineer—Norman E. Green, 55 New Montgomery St., San Francisco.**

Plans and specifications may be obtained at the office of the architect upon deposit of \$10, which will

be retained if no bid is submitted. Bids will be opened in the office of the Board of Trustees, Brentwood Deer Valley Grammar School District. \$16,000 is available to finance construction.

W. K. Van Bokkelen, Oakland, submitted low bid at previous bid opening, of \$34,956.

**BIDS WANTED**  
**SAN FRANCISCO**—Until July 21, 13, 1937. 15  
 145 E. Informal bids will be received by the Department of Public Works, Room 251, City Hall, for moving four bungalows from former Sunshine School at Dolores St., bet. 17th and 18th Sts., to the following four locations:  
 One to Southend Marshall School Yard, Capp nr. 16th St.  
 One to Upper Southeast yard of Dudley Stone School, Waller St., nr. Masonic Ave.

One each to east side and north side of Laguna Honda School Yard, 6th Ave., near Irving.  
 Separate bids will be taken for moving each bungalow.  
 Specifications may be obtained from the office of Superintendent of Public Bldgs., R. A. Chisholm, 454 11th St.

**Preparing Plans**  
**SCHOOL** Est. Cost, \$450,000  
**BUCKLEY**, Pierce Co., Wash.  
 Western Washington Custodial Sch. Owner—State of Washington.  
 Architect—Graham & Painter, 1501 Dexter-Horton Bldg., Seattle.

**BIDS WANTED**  
**WRIGHTWOOD**, San Bernardino Co., Calif.—Until July 22, 11 a.m., bids will be received by the Wrightwood Elementary School District for the construction of a combined classroom-auditorium building at Wrightwood. Bids are to be submitted to the County Supt. of Schools, 301 Court House, San Bernardino, from whom plans may be obtained upon deposit of \$10. Certified or cashier's check or bond for 5% required.

**CONTRACT AWARDED**  
**SUSANVILLE**, Lassen Co., Calif.—Enoch Strom, Susanville, at \$2,100, awarded contract by the Lassen Union High School District (N. H. McCollom, Secy. of Board), for alterations and additions to the Lassen Union High School.

**Architects Commissioned to Prepare Plans**  
**SHOP BLDG.** Cost, \$150,000  
**BERKELEY**, Alameda Co., Calif.  
 Grove and Kittredge Sts.  
 New shop building at Berkeley High School.  
 Owner—Berkeley Unified Sch. District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Gutterson, 520 Powell St., San Francisco.

**Preliminary Plans Approved**  
**PORTABLE CLASSROOM** Cost, \$3,990  
**BERKELEY**, Alameda Co., Calif. Tacon and Colusa Sts.  
 One-story one-room portable steel classroom building, at Thousand Oaks Grammar School.  
 Owner—Berkeley Unified Sch. District (Clara F. Andrews, Secy.), 2525 Milvia St.  
 Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.  
 Architect has been authorized to proceed with working drawings.

**BIDS WANTED**  
**SAN FRANCISCO**—Until July 21, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for grading, fill, car-

penry, and concrete work at the Marina Jr. High School, cor. Fillmore and Bay Sts. Estimated cost, \$1,200.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

**Plans Completed**  
**SCHOOL ADDITION** Cost, \$.....  
**KERN CO.**, Calif. Pondham.  
 One-story frame and stucco addition to the Pondham School, consisting of two classrooms and cafeteria.  
 Owner—Pondham School District.  
 Architect—Frank Wynkoop, 313 Haberfeld Bldg., Bakersfield.

Plans have been forwarded to the State Division of Architecture for approval.  
 Bids will be asked when expected PWA grant is made.

**Bids Wanted—To Close July 19, 7:30 P. M.**  
**ADDITION** Cost, \$7,000  
**PAJARO**, Monterey Co., Calif.  
 Addition to grammar school (add one classroom, frame and stucco construction).  
 Owner—Pajaro Grammar School District.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.

Plans and specifications may be obtained at the architect's office upon deposit of \$10.  
 Bids will be opened in the Principal's office, Pajaro Grammar School.

**Contract Awarded**  
**ADDITION** Cost, \$10,000  
**TEHACHAPI**, Kern Co., Calif.  
 Elementary school addition (1 room and toilets), stucco exterior, concrete frame, wood interior partitions, asbestos shingle and composition roof, Douglas fir and linoleum floors, unit heating system under floors, plaster interior walls.  
 Owner—Tehachapi School District.  
 Architect—Symmes & Willard; Stanton Willard, Architect, 215 Haberfeld Bldg., Bakersfield.  
 Contractor—A. H. Lange, Box 194, Tehachapi—\$10,000.

Complete bids follow:  
 L. A. Coker, San Bernardino—\$9,536—100 days.  
 A. H. Lange, Tehachapi—\$10,000—60 days.  
 A. J. Hendricks, Bakersfield—\$15,363—90 days.  
 Virgil Young, Bakersfield—\$13,617—90 days.  
 B. Frank Barr, Ventura—\$12,811—100 days.

**Plans Completed**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One-room addition to Garfield Sch. (thick veneer construction).  
 Owner—Lodi Grammar School District.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Work will be financed by proceeds of a \$135,000 bond issue voted March 16th.

Plans have been completed and forwarded to State Division of Architecture for approval.

**Preoaring Plans**  
**SCHOOL** Cost, \$.....  
**RED ROCK**, Kern Co., Calif.  
 One-story frame and stucco school bldg (1 classroom and toilets).  
 Owner—Red Rock School District.  
 Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.  
 Plans will be completed in about three weeks.

**Plans Completed**  
**SCHOOL** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.

Two-story reinforced concrete music building (music room, rehearsal room, and 2 classrooms), asbestos shingle roof, maple floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant.  
 Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Plans have been completed and forwarded to State Division of Architecture for approval.

**Planned**  
**SHOP ADDITION** Cost, \$14,500  
**HAYWARD**, Alameda Co., Calif.  
 Addition to shop building at Hayward High School.  
 Owner—Hayward High School Dist. Architect—Not Given.  
 The school board has authorized plans to be prepared for the project.

**BIDS WANTED**  
**KERN CO.**, Calif.—Until July 23, 7:30 p.m., bids will be received by the Lost Hills School District for construction of a duplex cottage in Kern County for the district. Plans obtainable from Perrine & Mackie, Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles, upon deposit of \$25. Certified or cashier's check or bond for 5% required.

**BIDS WANTED**  
**TRACY**, San Joaquin Co., Calif.—Until July 19, 8 P. M., bids will be received by the Tracy Elementary School District. Henry A. McCrory, Clerk, for repairs and extension of heating system at the West Park School, Tracy.  
 Specifications may be seen at the office of the clerk.

**Contracts Awarded** 6  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One-story frame and stucco addition at Needham School (ten classrooms, library and shop addition) flat roof.  
 Owner—Lodi Grammar School District.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Separate bids were received for general work, mechanical equipment and linoleum. C. H. Dodd, 1660 W. Walnut St., Stockton, at \$68,729 submitted low bid on the general work, which is being held under advisement.

**Awards follow:**  
**Mechanical Equipment**  
 Scott Co., Inc., 243 Minna St., San Francisco ..... \$29,999  
**Linoleum**  
 McLean's Hardwood Floor and Linoleum Co., 37 S. Sutter St., Stockton ..... \$ 3,650

**Contracts Awarded** 8  
**SCHOOL** Cost, \$.....  
**OROSI**, Tulare Co., Calif.  
 Four-room reinforced concrete addition to high school (the roof).  
 Owner—Orosi Un. High School Dist. Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
 Contracts awarded as follows:

**General Construction**  
 Midstate Const. Co., 377 McKinley Ave., Fresno ..... \$23,676  
**Mechanical Work**  
 Barrett-Hicks Co., 1031 Broadway, Fresno ..... \$ 2,675

**Bids Wanted—To Close July 23, 8 P. M.**  
**COMPLETE GYM** Cost, \$.....  
**OAKDALE**, Stanislaus Co., Calif.  
 Completion of the Oakdale Un. High School Gymnasium Unit.  
 Owner—Oakdale Union High School District (J. R. Roberts, Secy.).  
 Architect—Harold H. Weeks, 593 Mar-

ket St., San Francisco.  
Plans and specifications may be obtained at the office of the principal of the high school in the Old building, G St. and Bryan Avenue, Oakland, and from the office of the architect, 530 Market St., San Francisco, upon deposit of \$20.00.

#### Terrazzo Contract Awarded

**RECONSTRUCTION**  
**BURLINGAME**, San Mateo Co., Cal.  
Reconstruction of entrance to McKinley School (replacing brick with stucco).

Owner—Burlingame Elementary Sch. District (L. D. Henderson, Supr.), El Camino and Oak Grove, Burlingame.

Architect—James H. Mitchell, 369 Pine St., San Francisco.

Engineer—Harold B. Hammill, 381 Bush St.

Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.

Terrazzo—H. Gervais Co., 1727 Mission St., San Francisco.

#### Complete Bids

**SHOP & GYM**  
**AVENAL**, Kings Co., Calif.  
One-story frame and stucco shop and gymnasium building, on the grounds of the Avenal High School.

Owner—Lemoore Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.  
Low Bidder—N. H. Sjoborg & Son, 5604 E. 16th St., Oakland—\$78,842.

Bids were received under the following propositions: (1) work complete, (2) add for all conditioned heating system, allowing credit for gas heating system; (3) deduct if steel lockers are omitted; (4) deduct if telescopic gym seats are omitted; (5) deduct if shop building is omitted; (6) if shop building is constructed independent of gym.

Complete bids follow:  
N. H. Sjoborg & Son, Oakland—(1) \$78,842, (2) \$1,684, (3) \$939, (4) \$1,574, (5) \$12,824, (6) \$14,424.

Midstate Construction Co., Fresno—(1) \$84,932, (2) \$2,000, (3) \$900, (4) \$1,523, (5) \$13,500, (6) \$14,583.

W. J. Ochs, Fresno—(1) \$87,695, (2) \$7,000, (3) \$80, (4) \$1,560, (5) \$12,750, (6) \$15,225.

Trewhitt-Shields & Fisher, Fresno—(1) \$88,325, (2) \$2,935, (3) \$910, (4) \$1,550, (5) \$12,534, (6) \$15,325.

L. H. Hansen, Fresno—(1) \$88,948, (2) \$7,500, (3) \$925, (4) \$1,450, (5) \$12,208, (6) \$15,228.

Bids held under advisement. Announcement shortly.

'9619—1st report July 1, 1937.

#### Contract Awarded

**SCHOOL ADDITION**  
Cont. Pr. \$23,095  
**SALINAS**, Monterey Co., Calif.  
Alisal Union Grammar School.  
Addition of four classrooms to Alisal School.

Owner—Alisal Union Elementary School Dist (Mr Lowe, Principal).

Architect—C. J. Ryland, 136 Bonifacio Place, Monterey.

Contractor—Albert Steton, 429 Front St., Salinas.

Complete basic bids submitted follow:  
Albert Steton, Salinas \$23,171  
F. C. Stoffe Co., Alameda 23,900  
Neusen & Erbenrath San Jose 24,985

#### Bids Rejected—New Bids Wanted

**REHABILITATE SCHOOL**  
**BRENTWOOD**, Contra Costa County, Calif.  
Structural rehabilitation of Brentwood Deer Valley Grammar School.

Owner—Brentwood School District.  
Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.  
Bid opening date will be announced shortly.

W. K. Van Bokkelen, 439 23rd St., Oakland, at \$34,885, submitted previous low bid. All bids exceeded estimated cost.

#### Bids Rejected—Plans Being Revised

**ADDITION** Cost, \$ .....  
**LODI**, San Joaquin Co., Calif.  
One-story frame and stucco addition at Needham School (ten classrooms, library and shop addition) flat roof.

Owner—Lodi Grammar School Dist.  
Architect—Peter Slat, 2130 N Commerce St., Stockton.

All bids received separately for (1) general work; (2) mechanical equipment and (3) linoleum were rejected as exceeding estimated cost and plans are being revised and new bids will be asked shortly.

Previous low bidders were: (1) C. H. Duda, 1660 W. Walnut St., Stockton, \$68,729, (2) Scott Co., Inc., 243 Minna St., San Francisco, \$29,999; (3) McLean's Hardwood Floor and Linoleum Co., 37 S Sutter St., Stockton, \$3,530.

It was reported in error July 12 that the mechanical and linoleum contracts had been awarded the low bidders.

#### BIDS OPENED

**SAN FRANCISCO**—Rucker & Fuller Co., 539 Market St., at \$721, submitted low bid to the Department of Public Works, City Hall, for installation of composition blackboards in the Douglas School, corner Collingwood and 19th Sts.

Complete bids follow:  
Rucker & Fuller Co. .... \$721.00  
The Gill-Mann Co. .... 785.89  
American Seating Co. .... 854.00  
Fred E. Turner ..... 875.00  
J. W. Fricke & Co. .... 915.00  
(0722) 1st report July 12, 1937. \* 15

#### CONTRACTS AWARDED

**SAN FRANCISCO**—Alta Roofing Co., 976 Indiana St., awarded contracts by the Department of Public Works, City Hall, for re-roofing the following schools:

Paul Peters School ..... \$1,433  
Grattan School ..... 2,364  
(8552) 1st report June 17; 3rd, July 16, 1937. \* 15

#### BIDS OPENED

**SAN FRANCISCO**—Kiss Crane Co., 140 1st St., at \$772, submitted low bid to the Department of Public Works, City Hall, for wrecking the Agassiz School Bldg., cor. of Bartlett and 22nd Sts.

Complete bids follow:  
Kiss Crane Co. .... \$ 772.00  
Vassallo & Co. .... 874.50  
Cleveland Wrecking Co. .... 1,400.00  
Symon Bros ..... 1,700.00  
(0709) 1st report July 9, 1937. \* 15

#### Bids Wanted—To Close July 26, 5

#### P. M.

#### REMODEL SCHOOL BLDG

Cost, \$ .....  
**BAKERSFIELD**, Kern Co., Calif.  
Remodel mechanical arts building at the high school.

Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Harborfield Bldg., Bakersfield.

Bids will be taken as follows: (1) alterations to boys' gym locker room; (2) remodel for welding and aviation shop; (3) temporary farm mechanics building.

Plans and specifications may be obtained from the architect's office.

#### Correction in Contractor's Name

**SCHOOL**

**OROSI**, Tulare Co., Calif.  
Four-room reinforced concrete addition to high school (tile roof).

Owner—Orosi Union High School District.

Architect—Frederick L. Swartz, Brix Bldg., Fresno.

Contracts awarded as follows:

#### General Construction

Midstate Const. Co., 501 Pacific Southwest Bldg. .... \$23,676  
Mechanical Work  
Barrett-Hicks Co., 1031 Broadway, Fresno ..... \$ 2,675

#### BIDS WANTED

**COMPTON**, Los Angeles Co., Cal.—Until July 27, 3 p.m., bids will be received at the Compton Union High School District, 601 S. Acacia Street, Compton, for two frame and stucco classrooms to be added to Compton Junior high school, a sewing room and additional classroom at Willowbrook Junior high school, and a shop addition at Lynwood Junior high school. Plans available at office of architects, Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, upon deposit of \$10.

#### BIDS WANTED

**ALLEGHANY**, Sierra Co., Calif.—Until July 26, 10 A. M., bids will be received by the Alleghany School District (Pat Shepard, Clerk) for the construction of a frame school bldg.

Plans prepared by Carl Lindly, 244 Kearny St., San Francisco. Plans and specifications may be seen at the architect's office and at the residence of the clerk at Alleghany.

#### BOND ELECTION

**MODOC CO.**, Calif.—Modoc Union High School District will vote today on a proposal to issue bonds in the amount of \$162,000, proceeds to finance alterations and improvements to school buildings.

#### Contract Awarded

**ADDITION** Cont. Price, \$21,795  
**MODESTO**, Stanislaus Co., Calif. 18 H Street.

Library and one-classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).

Owner—Modesto City Board of Education (E. D. Abbott, Secy.) 14th and 1 Sts., Modesto.

Architect—John J. Donovan, 950 Park St., Berkeley.

Contractor—L. Uebel, Box 181, Ripon.

Complete bids follow:  
L. Uebel, Ripon ..... \$21,795  
George Rook, Stockton ..... 22,480  
Harry Brown, Modesto ..... 23,492  
Central Calif. Const. Co., Inc., San Francisco ..... 25,330

#### LOW BIDDER

**SAN MARINO**, Los Angeles Co., Calif.—Willard Lutz, 1630 Lyman Pl., Los Angeles, submitted low bid to San Marino Elementary School District, at \$93,200, for construction of a wood frame primary building at Hart E. Huntington school in San Marino. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles.

#### 16—BANKS, STORES AND OFFICES

#### Contract Awarded

**REMODEL STORE** Cost, \$16,000  
**STOCKTON**, San Joaquin Co., Calif.  
330 E. Main St.

Remodel store front and reduce building from three stories to one story.

Owner—Dunne's Shoe Store, Prem. Architect—Not Given.

Contractor—J. A. Allen, 22 S. Sutter St.

**Contract Awarded**  
**OFFICE BLDG.** Cost, \$22,000  
**STOCKTON, San Joaquin Co., Calif.**  
 908 E. Scotts Ave.  
 Salesman and office building.  
 Owner—L. F. Grimley, Inc., 1 S. Aurora St.  
 Architect—Not Given.  
 Contractor—O. H. Chain, 41 S. Sutter St., Room 217.

**Contract Awarded**  
**STORE BLDG.** Cont. Pr. \$48,830  
**OAKLAND, Alameda Co., Cal.** 1940 Broadway.  
 One-story Class B store building (100 x 125 ft.), masonry walls, Summerhill single span roof.  
 Owner—Warner Bros. Pictures, Inc., 6425 Hollywood Blvd., Los Angeles.

Architect—B. Marcus Priteca and S. E. Sonnichsen, 417 West 7th St., Los Angeles.  
 Contractor—B. A. Hawkins & Co., 1182 Market St., San Francisco.

**Bids In—Held Under Advertisment**  
**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO, 1235 Mission St.** bet. 8th and 9th Sts., extending to Minna St. (formerly Mangrum-Holbrook Bldg.)  
 General alterations to store building.  
 Owner—C. W. Marwedel, 1235 Mission Street.

Architect and Engineer—J. E. Kraftt & Sons, Phelan Building.  
 Announcement shortly.

**Plans Being Figured—No Closing**  
**DATE YET SET**  
**STORE** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif.**  
 SAN Fernando St.  
 Alter store building.  
 Owner—Robert Denson, c/o Architect.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Following are figuring plans:  
 Charles A. Thomas, 127 Clayton Ave., San Jose.  
 Megna & Newell, 838 Minnesota Ave., San Jose.

**Bids In—Announcement Shortly**  
**ALTERATIONS** Est. Cost, \$30,000  
**BAKERFIELD, Kern Co., Cal.** 19th and K Streets.  
 Alter interior and exterior of store bldg. (new tile and metal front).  
 Owner—Federal Outfitting Co., 766 Mission St., San Francisco.

Architect—Earl B. Bertz, 681 Market St., San Francisco.

**Bids Opened**  
**ALTERATIONS** Cost, \$.....  
**REDWOOD CITY, San Mateo Co., Calif.** 2303 Broadway.  
 One-story reinforced concrete and frame addition (40x50-feet) and alterations to California Pacific Title & Trust Co. Bldg.  
 Owner—California Pacific Title and Trust Co. (T. J. Hallinan, Mgr.)  
 Architect—Capt. E. L. Norberg, 580 Market St., San Francisco.

Low Bidder—H. H. Larsen, 64 South Park Ave., San Francisco, \$23,960.00.  
 Complete bids follow:  
 H. H. Larsen, S. F. .... \$23,960  
 G. W. Williams Co., Burlin game ..... 24,995  
 K. E. Parker Co., S. F. .... 25,945  
 San Mateo Inv. Co. .... 26,500  
 Axel Johnson, Berkeley .... 26,500  
 J. B. Allen, San Carlos .... 26,648  
 Peter Sorensen, Redwood City, Lindgren & Swinerton, Inc., San Francisco ..... 28,321  
 Barrett & Hilp, S. F. .... 30,000

Bids held under advisement.  
 In report of bid opening July 14 the bid of Peter Sorensen was omitted in error.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.—Joshua H. Marks-Charde Co., builders, 816 W. 5th St., awarded contract for construction of concrete store building at 6237-37 Hollywood Blvd. for Sauer Jacobi (92x120-ft.) Cost, \$50,000. S. C. Lee, architect, 1645 Wilshire Blvd.**

**FIRE LOSS**  
**TAFT, Kern Co., Calif.—Fire recently destroyed a city block of buildings between Fifth and Sixth Sts., on Center and North Sts., Taft, with damage estimated at \$250,000. Among the badly damaged buildings were the Taft furniture store and the Fox Hippodrome theater.**

**Contracts Awarded**  
**STORE BLDG.** Cost, \$.....  
**SAN LUIS OBISPO, Calif.** 876 Higuera St.  
 Two-story concrete, brick and frame store building (85 x 233 ft.).  
 Owner—Montgomery Ward & Co., Chicago.  
 Plans by Construction Department of Owner, Chicago Office.  
 Segregated contracts awarded as follows:

**General Construction**  
 H. H. Larsen, 64 South Park Ave., San Francisco.

**Electrical Work**  
 Crown Electric Co., 153 Eddy St., San Francisco.

**Plumbing, Heating & Ventilating**  
 Smees' Plumbing & Heating Shop, 717 Higuera St., San Francisco.

**PLANS BEING FIGURED**  
**WEST LOS ANGELES, Calif.** — Janss Investment Co., 1081 Westwood Blvd., West Los Angeles, is taking bids for a 2-story and basement building to be built on Westwood Blvd., West Los Angeles, for Myer Siegel & Co., Allen G. Siple architect, 455 N. Beverly Dr., Beverly Hills.  
 Following will submit bids:  
 Lindgren & Swinerton, 605 West Olympic Blvd.  
 Myers Bros., 3407 San Fernando Road.

C. L. Peck, 354 S. Spring St.  
 Baruch Corp., 625 S. Olive St.  
 S. N. Benjamin, 716 E. 16th St.  
 A. W. Zimmerla, 919 Malcolm Ave., West Los Angeles.

**Contract Awarded**  
**ALTERATIONS** Cost, \$25,000  
**FRESNO, Calif.** 1432 H St.  
 Alterations to garage, etc.  
 Owner—Borden Dairy Delivery, Prem.  
 Architect—Not Given.  
 Contractor—Trewwhitt, Shields & Fisher, 1501 Pacific Southwest Bldg.

**Contract Awarded**  
**ALTER STORE** Cost, \$7,000  
**SAN FRANCISCO** 797 Market St.  
 Alter store building.  
 Owner—Jos. Goldstein, Prem.  
 Architect—Not Given.  
 Contractor—Mullen Mfg. Co., No. 60 Rausch St.

**Contract Awarded**  
**STORE** Cost, \$15,000  
**STOCKTON, San Joaquin Co., Calif.** Pacific Avenue  
 One-story reinforced concrete store building to contain four stores (4,000 sq. ft.).  
 Owner—N. Flor  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Contractor—Wm J. Scott, 1661 West Poplar St., Stockton.

**To Be Done By Day's Work**  
**ALTER BLDG** Cost, \$20,000  
**SAN FRANCISCO, NE Cor. Third and Stevenson Streets.**  
 Alterations to the S. F. Examiner building.  
 Owner—San Francisco Examiner

Architect—Julia Morgan, 1135 Merchants' Exchange Bldg.  
 Engineer—Walter Huber, First National Bank Bldg.

**Preparing Preliminary Plans**  
**REMODEL STORE** Cost, \$25,000  
**SANTA ROSA, Sonoma Co., Cal.** 4th Street.  
 Remodel front of The White House and adjacent stores.  
 Owner—D. E. Carriers & Associates.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

**Sub-Contracts Awarded**  
**ALTER STORE** Cost, \$4,500  
**SAN FRANCISCO, 259 Post Street.**  
 Alter store building.  
 Owner—Ranschoff's, 259 Post Street.  
 Architect—G. A. Dailey, 210 Post St.  
 Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.  
 Mirrors and Glass—W. F. Fuller and Co., 301 Mission Street.  
 Electric Wiring—Central Elec. Co., 179 Minna St.  
 Plastering—Peter Bradley, 639 Branndon Street.

**Mill and Lumber—J. A. Hart, Jerrold and Napoleon Streets.**  
**PREPARING PRELIMINARY PLANS**

**BEVERLY HILLS, Los Angeles Co., Calif.—Conway & Wilson, 1142 Glendon Ave., West Los Angeles, and Structural Engineer Wm. Coffey, 649 S. Olive St., Los Angeles are preparing tentative plans for a 6-story, reinforced concrete office building to be built at 411-17 N. Camden Drive, Beverly Hills, for the Beverly Professional Bldg. It will cost approximately \$250,000.**

**Bids Opened**  
**STORE BLDG.** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Cal.** The Alameda.  
 One-story concrete store building.  
 Owner—Herbert Jones, c/o Architect.  
 Lessee—Safeway Stores, Inc.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Low Bidder—H. A. Bridges, 1298 Lincoln Ave., San Jose, \$13,700.  
 Complete bids follow:

H. A. Bridges ..... \$13,770  
 Neilsen & Erbenstraut ..... 14,212  
 Bert Ward & Son ..... 14,592  
 Carl N. Swenson Co. .... 14,919  
 Valley Const. Co. .... 18,521  
 John Newell ..... 21,976  
 Bids held under advisement; announcement shortly.

**Bids Opened**  
**ALTERATIONS & ADDITIONS**  
**REDWOOD CITY, San Mateo Co., Calif.** 2303 Broadway.  
 One-story reinforced concrete and frame addition (40x50 ft.), and alterations to California Pacific Title & Trust Co. Building.  
 Owner—California Pacific Title & Trust Co. (T. J. Hallinan, Manager).  
 Architect—Capt. E. L. Norberg, 580 Market St., San Francisco.

Low Bidder—H. H. Larsen, 64 South Park Ave., San Francisco—\$23,960.  
 Complete bids follow:  
 H. H. Larsen, S. F. .... \$23,960  
 G. W. Williams Co., Burlin game ..... 24,995  
 K. E. Parker Co., S. F. .... 25,945  
 San Mateo Inv. Co. .... 26,500  
 Axel Johnson, Berkeley .... 26,500  
 J. B. Allen, San Carlos .... 26,648  
 Peter Sorensen, Redwood City, Lindgren & Swinerton, Inc., San Francisco ..... 28,321  
 Barrett & Hilp, S. F. .... 30,000  
 Bids held under advisement

**Complete Bids**  
**STORE BLDG.** Cont. Pr. \$18,830  
**OAKLAND, Alameda Co., Calif.** 1910 Broadway.  
 One-story Class B store building (100

x 125 ft.), masonry walls, Summerbell single span roof.  
Owner—Warner Bros. Pictures, Inc., 6425 Hollywood Blvd., Los Angeles.

Architect—B. Marcus Fritche and S. E. Sonnenbren, 417 West 7th St., Los Angeles.

As previously reported, B. A. Howkins & Co., 1182 Market St., San Francisco, at \$48,830, were awarded contract.

Complete bids follow:

B. A. Howkins & Co. ....	\$48,830
The Austin Company.....	50,350
H. J. Christensen Co. and	
W. E. Lyons Const. Co. ....	\$1,268
W. K. Van Bokkelen.....	516.
Lindgren & Swinerton.....	54,250
Dimwidde Constr. Co.....	54,900
Cahill Bros. ....	57,500

## 17—THEATRES

To Be Done By Day's Work  
ALTER THEATRE Cost, \$7,500  
OAKLAND, Alameda Co., Calif. 574

12th St.  
Alterations to theatre.  
Owner & Builder—G. E. Austin, 111 Sutter St., San Francisco.  
Architect—E. T. Foulkes, 357 12th St., Oakland.

Correction in Engineer's Name  
ALTER THEATRE Cost, \$8,000  
SAN FRANCISCO. 1350 Market St.  
Alter theatre.

Owner—Capital Co., 625 Market St.  
Engineer—L. H. Nishkian.  
Contractor—James F. Smith, 271 Minna St.

Preparing Preliminary Plans  
THEATRE Cost, \$100,000  
SAN CARLOS, San Mateo Co., Calif.  
One-story Class A theatre seating 700 to 800, with six stores in the building.

Owner—Withheld.  
Agents—Hoefler & Chappie, Redwood City.  
Architect—F. W. Dakin, 625 Market St., San Francisco.

Further announcement shortly.

## PLANS BEING FIGURED

REDONDO BEACH, Los Angeles Co., Cal.—Pacific States Theatres, 1584 W. Washington Blvd., Los Angeles, are taking bids for a reinforced concrete motion picture theatre building to seat 1000, at Torrance Blvd. and S. Catalina Ave., Redondo Beach, for selves. Plans prepared by Structural Engineer F. E. Stauber, 1584 W. Washington

Contracts Awarded  
ALTERATIONS Cost, \$10,000  
SAN FRANCISCO. 2485 Mission St.

Alterations to theatre building (new front, new marquee, redecorating, etc.).

Owner—Majestic Theatre, 2485 Mission St.

Architect—S. Chas. Lee, 381 Bush St., San Francisco.

General Work  
Antone Petersen & Sons, 2758 San Bruno Ave., San Francisco.

Painting & Decorating  
Schwartz & Bourbons, 665 7th St., Oakland.

Contract for marquee not yet awarded.

## 19—MISC. CONSTRUCTION

Plans Being Figured—No Closing  
Date Set  
PAVILION Cost, \$.

HILLSBOROUGH, San Mateo Co., Calif. Caroland.

One-story frame pavilion with lead-clad roof.

Owner—Walter Foster, c/o Architect.

Architect—Angus Mcweeney, 604

Mission St., San Francisco.

Following is a partial list of selected contractors figuring plans:

D. B. Glandstone, 557 Market St., San Francisco.

Mooney & MacDonald, 1475 Burlingame Ave., Burlingame.

Geo. W. Williams Co., 315 Primrose Road, Burlingame.

## BIDS WANTED

SANDPOINT, Bonner Co., Idaho.—Until July 20, 10 a. m., bids will be received by the Northern Idaho Rural Electric Rehabilitation Association, Inc., Sandpoint, for 103 miles transmission power line near Bonner's Ferry.

Plans and specifications may be obtained from Dwight Henderson, Engineer, S. 118 Lincoln St., Spokane, upon deposit of \$10.

## BIDS WANTED

YERBA BUENA SHOALS, Cal.—Until July 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 278, City Hall, under Exposition Contract No. 18, for piling work for the Main Entrance (North and South Towers and Wall No. 6) East Courts, East Towers (North) East Tower (South) of San Francisco Bay Exposition.

Specifications may be obtained from Room 605, 425 Mason St., San Francisco, upon deposit of \$20.

## CONTRACT AWARDED

CULVER CITY, Los Angeles Co., Calif.—Pacific Elec. & Mech. Co., Loew's State Bldg., Los Angeles, was awarded contract at \$76,966, for installing an electric distribution system in sound stages Nos. 25 to 29 at Metro-Goldwyn-Mayer Studios in Culver City. The owner will furnish materials in the amount of \$38,254, this sum to be deducted from the contract price.

## CONTRACT AWARDED

CULVER CITY, Los Angeles Co., Calif.—Austin Co. 777 E. Washington Blvd., Los Angeles, awarded general contract for construction of five large sound stages at the Metro-Goldwyn-Mayer Studios in Culver City. As previously reported, Consolidated Steel Corp. will furnish and erect the structural steel, and Pacific Elec. and Mech. Co. will install the elec. distribution system. Plans were prepared by the owner's architectural department.

## BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 10, 10 a. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for the sale of the following: One warehouse, 24 x 30 ft., and one shop building, 14x26 ft., at Wide Canyon Camp; Bid No. SM 307; one messhall, 36x87 ft., two dormitories, each 33x109 ft., one toilet, 7x12 ft.—one commissary, 30x60 ft., at 1000 Palms Camp; Bid No. SM 308.

## BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until July 26, 4 P. M., bids will be received by the Stockton Port District for the partial re-roofing of Transit Shed 3, located at the Deep Draft Terminal, Stockton.

Plans and specifications may be obtained from the office of B. C. Aikin, Secretary of the Stockton Port District. Certified or cashier's check for not less than 10% must accompany each bid.

## 20—MISC. SUPPLIES AND MATERIALS

### CONTRACT AWARDED

SAN FRANCISCO, Calif.—California Pottery Co., 13th and Folsom Sts., at \$14143 (item 1) was awarded contract by the U. S. Engineer's office, Lieut.-Col. J. A. Dorst, Dis-

trict Engineer, 401 Custom House, under Spec. No. 868-37-309, for furnishing drain tile, f.o.b. reservoir site, Yerba Buena Island.

Work involves:  
(1) 6-in. by 2-ft. joint unglazed clay drain tile;

(2) 6-in. by 2-ft. concrete drain tile.

### CONTRACT AWARDED

SAN FRANCISCO, Calif.—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$31,080, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1845, for furnishing approximately 7000 tons of asphaltic concrete wearing surface for WPA projects.

### MATERIALS APPROVED

ELY, Nevada.—Treasury Department has approved following building material and equipment awards for the construction of the U. S. P. O. at Ely. E. and E. J. Protzer, general contractors:

Plumbing fixtures, John Douglas Co.; electric water coolers, Uniflow Mfg. Co.; indirect water heater, M. S. Little Mfg. Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; backwater cesspools, American Foundry & Mfg. Co.; relief valve, Penberthy Injector Co.; nonconducting covering for plumbing, Acme Asbestos Covering and Flooring Co.; eump pump, Well Pump Co.; boiler, Fitzgibbons Boiler Co.; tub and wall radiators, Crane Co.; nonconducting covering for heating, Acme Asbestos Covering & Flooring Co.; angle radiator valves, Ohio Pattern Works & Foundry Co.; air valves for radiators and air valves for ends of steam mains, W. A. Russell Co.; panelboards, Frank Adam Electric Co.; main switch, Square D Electric Co.; r. c. wire, Parantite Wire & Cable Co.; receptacles, Arrow-Hart and Elgeman Elec. Co.; flush switches, Pines & Penberthy glassware, Gill Glass & Fixture Co., and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass Co.

### CONTRACT AWARDED

LOS ANGELES, Cal.—General Electric Co., Los Angeles, at \$13,495.47, was awarded contract by the Los Angeles Water & Power Commission for relay. Spec. No. 2282, 20

### BIDS OPENED

POTHOLE, Cal.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. 933-D for gate frames and curb frames for diversion gates and sluice gates for Basin No. 3 of Desilting Works, Gila Valley Canal:

Berkeley Steel Const. Co., Berkeley, Calif., \$13,680; ¼%.

American Bridge Co., Denver, \$14,169.00.

Leslie Bridge & Steel Co., Milwaukee, \$9,613.

General Iron & Steel Works, Portland, Ore., \$9,035.40.

Worden-Allen Co., Milwaukee, \$6,490; ¼%.

John W. Beam, Denver, \$9,999; ¼%.

Pennsylvania Iron & Steel Co., Los Angeles, \$7,499; ¼%.

Southwest Welding & Mfg. Co., Alhambra, \$15,416; ¼%.

### CONTRACT AWARDED

LOS ANGELES, Calif.—General Cable Corp., Los Angeles, at \$25,090, was awarded contract by Los Angeles Water & Power Commission for 20,000 ft. No. 2/0, 6000 ft. No. 6, and 2500 ft. No. 6 insulated low voltage cable; Spec. No. 2359.

### BIDS WANTED

ALL-AMERICAN CANAL.—Until August 2, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 952-

D. for metalwork for installation in the trash-rack structure at the All-American Canal. Work will be done by the Government.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

**SALT RIVER PROJECT**—Colorado Fuel & Iron Corp., Denver, Colo., at \$55,942.43, was awarded contract by the Bureau of Reclamation, Denver, Colo., for reinforcing steel, Bartlett Dam, Salt River Project.

#### CONTRACT AWARDED

**YAKIMA**, Wash.—Yakima Sand & Gravel Co., Yakima, Wash., at \$57,450, was awarded contract by the Bureau of Reclamation, Denver, Colo., for sand and gravel for Roza Division, Yakima, Wash.

#### CONTRACT AWARDED

**ALL - AMERICAN CANAL**—Columbia Steel Co., Denver, Colo., at \$27,700.06, was awarded contract by the Bureau of Reclamation, Denver, Colorado, under Inv. No. 42256-A, for steel reinforcement bars for All-American Canal.

#### CONTRACT AWARDED

**ALL-AMERICAN CANAL**—Commercial Iron Works, Portland, Ore., at \$31,990.00, was awarded contract by the Bureau of Reclamation, Denver, Colo., under Inv. 927-D, for radio gate hoists for All-American Canal.

#### BIDS OPENED

**SAN FRANCISCO**—California Pottery Co., 13th and Polson Streets, at \$141.42 (item 1) submitted low bid and was recommended for award by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Spec. No. 2995 for furnishing 1,000 sq. ft. tile, fob reservoir site, Yerba Buena Island.

Work involves:

- (1) 6-in. by 2-ft. joint unglazed clay drain tile.
  - (2) 6-in. by 2-ft. concrete drain tile.
- Only other bid submitted by Gladding, McBean & Co., San Francisco, at \$170.40. No bids received on Item 2.

#### CONTRACT AWARDED

**LOS ANGELES**, Calif.—J. H. Baxter & Co., 601 W. 5th St., Los Angeles, at \$31,971, was awarded the contract by Los Angeles Water and Power Commission, for pressure creosoted poles.

#### BIDS OPENED

**LOS ANGELES**, Cal.—The following bids were received by the Metropolitan Water District, Los Angeles, under Spec. 220, for furnishing five steel delivery gates:

- (1) Consolidated Steel Corp., Ltd.: (1) Los Angeles, \$74,200; no use tax; total shipping wt. of 5 gates, 272,450 lbs.; heaviest part of 10,800 lbs.; no disc.; (2) services of erecting engineer, \$22 per day.

(Commercial Iron Works, Portland): (1) fob cars Portland, \$45,261; add California use tax; total shipping wt. of 5 gates, 283,000 lbs.; total shipping wt., 12,000 lbs.; no discount; (2) services of erecting engineer, \$30 per day.

Koppers Co. (Bartlett Hayward Division) Baltimore, Md.: (1) fob cars Baltimore, \$58,180; use tax collected by bidder, \$258,450; total, \$88,765.40; total shipping wt. of 5 gates, 262,800 lbs.; heaviest part, 12,000 lbs.; disc. ½ of 1%; (2) services of erecting engineer, \$20 per day.

Los Angeles Shipbuilding and Dry Dock Corp., Box 231, San Pedro: (1) fob San Pedro, \$77,500; inc. sales tax; total shipping wt. of 5 gates, 276,000 lbs.; heaviest part, 12,000 lbs.; no discount; (2) services of erecting en-

gineer, \$25 per day.

#### BIDS WANTED

**SAN FRANCISCO**, Calif. — Until July 19, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under No. 1860, for six Fire Department Foamite Generators, and 2000 lbs. of powder for generators.

Plans and specifications may be obtained from above office.

#### BIDS WANTED

**SAN FRANCISCO**, Calif. — Until July 19, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under No. 1857, for 4106 feet transite pipe for Golden Gate Park.

Plans and specifications may be obtained from above office.

July 14, 1937.

#### BIDS WANTED

**SAN FRANCISCO**, Calif. — Until July 19, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under No. 1861, for four electric furnaces for heat treating.

Plans and specifications may be obtained from above office.

July 11, 1937.

#### CONTRACT AWARDED

**SAN FRANCISCO**, Calif. — Dunham, Carrigan & Hayden, Kansas and Division Streets, San Francisco, at \$1,437.29, was awarded contract by U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Spec. No. 868-38-4, for furnishing 43,933 lbs. of deformed steel reinforcing bars; f.o.b. Yerba Buena Island.

Identical bids at (1) \$3,178.52, (2) \$3,185 (total) at \$1,437.29, submitted by: Dunham, Carrigan & Hayden, Kansas and Division Sts., San Francisco; Soule Steel Company; Gunn Carle & Co.; Columbia Steel Co.; Herrick Iron Works, Inc.

Ethlehem Steel Co. submitted bids at (1) \$3,195, (2) \$3,295; total, \$1,446.08.

#### CONTRACT AWARDED

**POTHOLES**, Calif.—M. Anderson, Cottage Grove, Ore., at \$5,775, was awarded contract by the Bureau of Reclamation, Denver, f.o.b. Potholes, Calif., for 1650 timber piles; Pro. 24554-A.

#### BIDS REJECTED

**LONG BEACH**, Calif.—Long Beach Port Manager has rejected all bids for 700 tons structural steel for transit shed, Pier A, Outer Harbor. Atlas Scraper & Engr. Co. was low bidder at \$78,375. New call for bids will be issued shortly.

#### CONTRACT AWARDED

**LOS ANGELES**, Calif. — General Electric Co., Los Angeles, at \$44,680, was awarded the contract by the Los Angeles Water & Power Commission, for items (1), (2) and (3) materials for oil circuit breakers, Spec. 2297.

#### Contract Awarded

**BARN & STABLES** Cost, \$22,000  
**SONOMA COUNTY**, Cal. Walbridge Ranch, near Santa Rosa.  
Hay barn and stables.  
Owner—Walbridge Land Co., San Francisco.  
Architect—Eldridge T. Spencer, 369 Pine St., San Francisco.  
Contractor—O. Hedahl, 1920 Jefferson St., San Francisco.

#### BIDS OPENED

**LOS ANGELES**, Calif.—Following submitted bids to the Los Angeles Water & Power Purchasing Agent for:

(1) 20,000 ft. No. 2/0 AWG, 3-conductor, 5000-volt, lead-covered cable on 20 reels;

(2) 6000 ft. No. 6 same, on 4 reels;

(3) 2500 ft. No. 6, 1-conductor, 5000-volt, on one reel.

Okonite-Callender Cable Co.—(1) \$1051 per M ft, (2) \$575 per M ft, (3) \$248 per M ft; reels, charge and credit: (1) \$53, (2) \$41, (3) \$32; ½ of 1% 10 days. Deliv. 24 to 28 days.

General Electric Co.—Prices same, reels same; discount same; delivery shipment 2 to 3 weeks.

John A. Roehling Sons Co.—Same prices, reels, discount; delivery begin 21 days, complete 35 to 45 days.

General Cable Corp.—Same prices, etc.; delivery begin 30 days, carload every 7 days.

Habirshaw Cable & Wire Corp.—Same prices, etc.; delivery 45 days.

Anaconda Wire & Cable Co. of Cal.—Same prices, etc.; delivery, start 56 days, complete 77 days.

#### BIDS WANTED

**FLORENCE**, Pinal Co., Arizona.—Until Aug. 7, bids will be received by the San Carlos Irrigation District, Florence, for the construction of 125 miles of transmission line to serve Casa Grande rural conumera and the town of Oracle. Est. cost, \$140,000. Arthur A. King, Chief Engineer.

#### BIDS REJECTED

**CHICO**, Butte Co., Calif.—Chico City Council, H. H. Hume, City Manager, Chico, rejected all bids for furnishing approximately 30,000 gals. of road oil. City Manager has been directed to purchase material in open market.

Richfield Oil Company, Shell Oil Company and Union Oil Company submitted identical bids at \$5.50 per ton on SC-2 and \$8.75 per ton on SC-3; Gilmore Oil Company submitted a bid of \$8.00 per ton on SC-2 and \$8.75 per ton on SC-3, and B. Puritz submitted a bid of \$8.00 per ton on SC-2, no bid on SC-3.

#### CONTRACT AWARDED

**CULVER CITY**, Los Angeles Co., Cal.—Austin Co., 777 E. Washington Blvd., Los Angeles, awarded contract for construction of a heavy wood frame cartoon building (100x 100-ft.) at the Metro-Goldwyn-Mayer Studios in Culver City. General contract does not include plumbing and electric wiring, which will be installed by the owner. As previously reported, the Austin Co. last week was awarded the general contract to construct five new sound stages at the studio. Plans were prepared by the owner's architectural department.

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Playgrounds
26.—Fire Alarm Sys.	35.—Tunnels
28.—Fire Equipment	
29.—Streets & Highways	

### 21— BRIDGES

#### BIDS WANTED

PACIFIC CO., Wash.—Until August 4, 2 p. m., bids will be received by R. E. Woodard, Engineer, Pacific County, for a 66-ft. Howe Truss bridge over Fall River at Brooklyn, involving the removal of existing 66-ft. span, and 128 ft. of trestle approach.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

VENTURA CO., Calif.—Until Aug. 5, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder bridge across Big Sycamore Creek, consisting of one 50-ft. span on concrete abutments, about ten miles south of Oxnard.

Work involves:

- (1) 1,700 c.y. channel excav.
- (2) 1,300 c.y. struc. excav.
- (3) 150,000 lbs. bar reinf. steel;
- (4) 445 c.y. Class A portland cement concrete footing blocks;
- (5) 795 c.y. Class A portland cement concrete struc.;
- (6) 6 c.y. Class A portland cement concrete railing.
- (7) 200 l.f. bank protection fence;
- (8) 1 lot misc. items of work.

Plans and specifications may be obtained from above office.

#### BIDS WANTED

MONTEREY CO., Calif.—Until August 4, 2:00 p. m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for a steel and concrete bridge across Mud Creek, 25 miles north of San Simeon, consisting of one 80-ft. plate girder span and two 41-ft. steel beam spans.

Work involves:

- (1) 600 c.y. roadway excav., without classification;
- (2) 1,000 c.y. struc. excav.;
- (3) 44,000 lbs. bar reinf. steel;
- (4) 330 c.y. class A portland cement concrete;
- (5) 135,000 lbs. struc. steel;
- (6) 400 lbs. cast steel;
- (7) 372 l.f. timber railing;
- (8) 202 l.f. furnishing steel piles, including test piles;
- (9) 8 each, driving steel piles, including test piles;
- (10) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

SAN MATEO COUNTY, Cal.—Until July 21, 2 P. M., bids will be re-

ceived by E. B. Hinman, Clerk of the Board of Supervisors, San Mateo County, County Courthouse, Redwood City, for constructing a reinforced concrete bridge and approach roads on Pescadero Road, one mile west of San Mateo County Memorial Park.

Work involves:

- (1) 600 c.y. structural excavation;
- (2) 800 l.f. 42-lb. HP-10 steel piles;
- (3) 800 l.f. driving do;
- (4) 128,000 lbs. reinf. steel in place;
- (5) 170 c.y. Class A cement conc.;
- (6) 255 c.y. Class B Portland cement concrete;
- (7) lump sum clearing and grubbing;
- (8) 7,000 c.y. rdwy. excav.;
- (9) 10,000 eta. yds. overhaul;
- (10) 400 c.y. riprap in place;
- (11) lump sum removing old struc.

Plans and specifications may be obtained from above office.

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—J. Philip Murphy, 3901 Mission St., San Francisco, at \$5,945, was awarded contract by the Department of Public Works, Room 251, City Hall, for placing steel in Lyon Street Approach to Golden Gate Bridge in the Presidio.

#### BIDS WANTED

SHASTA COUNTY, Calif.—Until July 30, 2 P. M., bids will be received by F. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for constructing a bridge at Salt Creek, 13 miles east of Redding. Existing timber trusses to be removed and replaced by steel plate girder.

Plans and specifications may be obtained from above office.

#### BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the Sacramento County Board of Supervisors for constructing a bridge across Chicken Ranch Slough on Watt Ave.: P. F. Bender, 1012 Del Paso Blvd., Sacramento, \$5,421; Carl Fiedler, 2631 30th St., Sacramento, \$5,510.

### 22— DREDGING HARBOR WORKS, EXCAVATION

#### PRELIMINARY WORK TO BE STARTED

KING & PIERCE COS., Wash.—Preliminary work on Mud Mountain Dam, key to flood control project in King and Pierce Counties, to be started immediately by Army Engineers. When the dam is completed it will create a lake in which will be impounded water of White River during flood periods.

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—Bruer & Siemer, 956 Evans St., San Francisco, at \$840, submitted low bid and was awarded contract by the State Board of Harbor Commissioners, Ferry Bldg., for overhauling pile driver.

Complete bids follow:

- |                                         |           |
|-----------------------------------------|-----------|
| (a) Bruer & Siemer, 956 Evans St. S. F. | \$ 840.00 |
| (b) H. C. Thompson                      | 880.00    |
| (c) General Engineering & Dry Dock Co.  | 985.00    |
| (d) Taffic Dry Dock Assoc.              | 1,785.00  |

#### BIDS WANTED

NEW ERA BAR, Clackamas Co., Oregon.—Until August 3, 3:00 p. m., bids will be received by the U. S. Engineer's Office, 306 Custom House, Portland, Oregon, for dredging about 46,000 cu. yds. material from the channel at New Era Bar located about 32 miles above the mouth of the Willamette River.

Plans and specifications may be obtained from above office.

#### BIDS WANTED

MARE ISLAND, Calif.—Until August 11, 11 a. m. (postponed from July 28th), bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8258, for the construction of a graving dry dock, including quay walls, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, piping, drains, railings, wood floors and dock fittings at the Mare Island Navy Yard. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island and will be 700 ft. long, 114 ft. wide and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

#### CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—Until Jan. 19, 10 A. M., bids will be received by Geo. S. Jones, County Clerk of Marin County, and Eugene W. Smith, City Clerk, San Rafael, for the excavation of about 37,500 yds. of mud and fill and repairing broken portions of dike.

Plans and specifications may be obtained at the above offices.

### 23— CANALS

#### CONTRACT AWARDED

ALL-AMERICAN CANAL.—Bennett & Taylor, 1041 Vine Blvd., Los Angeles, at \$64,425, was awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Federal Bldg., Yuma, Ariz., under Spec. No. 728, for the construction of structures, All-American Canal, Station 3525 plus 80 to Station 4242 plus 85, the All-American Canal System, Boulder Canyon Project.

#### LOW BIDDER

SUN RIVER PROJECT Mont.—Otis Williams & Co., Vale, Oregon, at \$65,773.80, submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Fairfield, Montana, for construction of earthwork and structures, Sun River Slope laterals 103 to 131, Spring Valley laterals 1 to 75, and sub laterals, Sun River Slope Division, Sun River Project, Montana, under Spec. No. 741.

## Capital City Title Company

•

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*Manager*

•

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Sacramento : California



**24-STREET LIGHTING**

**CONTRACT AWARDED**

OAKLAND, Cal.—Taper Tube Pole Co., Monadnock Bldg., San Francisco, at \$2,499.30 submitted only bid was awarded contract by City of Oakland Port Commission, Oakland, for furnishing 25 light standards for the overpass structures leading from the outer harbor terminals to the approach to the Bay Bridge. State Department of Public Works will install the standards.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

LONG BEACH, Cal.—Bids for reinforcing steel and wire were opened by Long Beach City Manager.

- Work involves:
- (1) 21,011 pcs. 3/8-in. round bars, 40-ft. long;
  - (2) 1,067 pcs. 1/2-in. round bars;
  - (3) 2,487 pcs. 3/8-in. round bars, 27 ft. 7 in. long;
  - (4) 3,487 pcs. 3/8-in. round bars, 20 ft. 7 in. long;
  - (5) 3,487 pcs. 3/8-in. round bars, 46 ft. 10 in. long;
  - (6) 3,487 pcs. 1/2-in. round bars, 46 ft. 1 in. long;
  - (7) 6,974 pcs. 3/8-in. round bars, 23 ft. long;
  - (8) 6,974 pcs. 3/8-in. round bars, 22 ft. 9 in. long;
  - (9) 990 pcs. 3/8-in. round bars, 56 ft. long;
  - (10) 228 pcs. 1 1/4-in. square bars, 46 ft. long;
  - (11) 4,932 pcs. 3/8-in. round bars, 21 ft. 6 in. long;
  - (12) 28 tons 3/4-in. wire.
- Spec. No. R-972. Total bids were:
- Stout Steel Co.: (1) \$0.4535; (2) \$0.8078; (3) \$0.8787; (4) \$0.6970; (5) \$2.1207; (6) \$2.0887; (7) \$1.0417; (8) \$2.1032; (9) \$2.5359; (10) \$6.4075; (11) \$1.0171; (12) \$62; (13) \$4.50; 1/2 of 1% 10th proc.

Blue Diamond Corp.: (1) \$0.4880; (2) \$0.8119; (3) \$0.6607; (4) \$0.6300; (5) \$1.9923; (6) \$1.9604; (7) \$0.9785; (8) \$0.8079; (9) \$2.3824; (10) \$6.0196; (11) \$0.9147; (12) \$64.89; (13) \$4.81; 1/2 of 1% 10th proc.

California Hardware Co.: (1) \$0.4683; (2) \$1.7768; (3) \$1.6861; (4) \$6.3525 (5) \$2.0090; (6) \$1.9768; (7) \$1.9866; (8) \$0.9759; (9) \$2.4022; (10) \$5.7412; (11) \$3.9223; (12) \$101.41; (13) \$4.607; 1/2 of 1% 10 days.

Trojan Steel, Inc.: (1) \$49; (2) \$82; (3) \$68; (4) \$65 (5) \$2.07; (6) \$2.03 (7) \$1.01; (8) \$1; (9) \$2.42; (10) \$6.08 (11) \$95; (12) \$71.56; (13) \$4.59; 1/2 of 1% 10th proc.

Ceco Steel Products Corp.: (1) \$0.475; (2) \$2.791; (3) \$3.677; (4) \$3.646; (5) \$2.047; (6) \$2.014; (7) \$1.005; (8) \$3.94; (9) \$2.448; (10) \$6.184; (11) \$94; (12) \$63 (13) \$4.75; 1/2 of 1% 10th proc.

Truscon Steel Co.: (1) \$4756; (2) \$7899; (3) \$6515; (4) \$6211; (5) \$1-9344; (6) \$1.9033; (7) \$9644; (8) \$0-9538; (9) \$2.3131; (10) \$5.8445; (11) \$8013; (13) \$65.93; (13) \$4.94; 1/2 of 1% 10th proc.

**LOW BIDDER**

OAKLAND, Cal.—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco, at \$3,643, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal L-5-201, for sand blast room and dust removal equipment at the Corporation Yard, Oakland.

Only other bid submitted by Pangborn Corp., Maryland, at \$4,979.

**BIDS WANTED**

OAKLAND, Calif.—Until July 19, 4:30 P. M., bids (previously opened and rejected) will be received by City of Oakland Port Commission, Oakland, for furnishing (1) one diesel auto patrol grader, and (2) one sheep foot roller.

Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

GOVERNMENT ISLAND, Calif.—Boyle Mfg. Co., Inc., Oak and Clement Streets, Alameda, at \$7,605, 2% 20 days, f.o.b. Los Angeles, was awarded contract by the Forest Service Supply Officer, Government Island, Oakland, Calif., for Standard gasoline tanks.

**BIDS OPENED**

SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Office, Sacramento, under Reg. 11962, for one motor grader; for 100 wheelbarrows:

- (1) Austin Western Road Machinery Co., 435 Brannan St., San Francisco—\$3381; net. 20-25 days' del.
- (2) Jenison Machinery Co., 900 Tennessee St., San Francisco—\$3795; 2% 30 days, 2 days del.
- (3) Ed. R. Bacon Co., 11th and Folsom Sts., San Francisco—\$3975; 5% 30 days, 15 days del.
- (4) Spears Wells Machinery Co., 261 Monte Vista Ave., Oakland—\$4412; 2% 30 days, 21 days del.
- (5) J. D. Adams Co., 230 Utah St., San Francisco—\$4418; 2% 30 days, 15 days del.
- (6) Weaver Rye Tractor Co., 13th and U Streets, Sacramento—\$4445.24; \$82.96, 30 days, 6 weeks del.

**BIDS WANTED**

JEWELL, Clatsop Co., Oregon.—Until July 20, bids will be received by D. C. Owner, Nehalem Valley Corporation Electrical Assn., Jewell, for about 64 miles rural electric lines extending from Olney to Jewell, from Jewell to Vesper and from Jewell to Elsie.

Plans and specifications with W. R. Grasse, Engineer, 501 Lumbermen's Bldg., Portland, upon the deposit of \$10.

**BIDS WANTED**

HUNTINGTON BEACH, Orange Co., Calif.—Until Aug. 2, 7:30 a.m., bids will be received by Huntington Beach city council, C. F. Furr, City Clerk, for one fire truck fully equipped with 1000 gal. per minute pump and motor of not less than 175 h.p.

**BIDS OPENED**

SACRAMENTO, Calif.—General Paint Corp., 2627 Army St., San Francisco, at \$211, submitted low bid to the United States Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-37-255, for cleaning interior surface of tower tank at Rio Vista.

- Total bids follow:
- (A) General Paint Corp. \$211
  - (B) Wallis-Dove-Her-miston Corp. 260
  - (C) Protective Painting Corp. 290

**BIDS REJECTED**

OAKLAND, Calif.—City of Oakland Port Commission rejected all bids for furnishing (1) one diesel auto patrol grader and (2) one sheep foot roller.

Complete bids submitted were published on June 30th.

**29—STREETS AND HIGHWAYS**

**BIDS OPENED**

GILA CO., Arizona.—Southern California Roads Company, 2145 E 25th St., Los Angeles, at \$28,995.08, sub-

mitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Globe-Springerville Highway, Non-FA 105-C, AFE 6069 The work, which is to begin about 27 miles east of Show-low and extend east about 15.5 mi. toward Springerville, consists of furnishing and applying asphalt surface treatment, using SC-2 road oil, and is to be completed on or before Sept. 15.

- Work involves:
- (1) 256 M. gals. sprinkling;
  - (2) 300 hours rolling;
  - (3) 230,160 gals. SC-2 road oil;
  - (4) 100 cu. yd. blotter material (pit run).

Total bids follow:

- (A) Southern California Roads Co., 2145 E. 25th St., Los Angeles—\$28,985.08.

- (B) Martin Constr. Co., Tucson, Arizona—\$29,636.40.
- (C)—Arizona Sand & Rock Co., Phoenix, Ariz.—\$30,024.40.
- (D) Packard Constr. Co., Phoenix, Arizona—\$30,048.40.
- (E) Geo. W. Orr, El Paso, Texas—\$30,122.56.
- (F) Tiffany Construction Co., Phoenix, Arizona—\$30,469.92.
- (G) Fisher Contractor Co., Phoenix, Arizona—\$31,143.20.
- (H) Reliance Truck Co., Phoenix, Arizona—\$32,931.40.
- (I) W. E. Hall Co., Phoenix, Ariz.—\$35,031.69.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A).....	\$3.25	\$3.75	\$0.13	\$2.55
(B).....	3.00	4.00	.115	3.00
(C).....	3.50	3.00	.115	4.40
(D).....	5.00	3.00	.115	3.50
(E).....	4.00	4.00	.116	3.50
(F).....	7.00	5.00	.112	5.00
(G).....	4.60	5.00	.12	2.50
(H).....	5.30	4.40	.1225	5.15
(I).....	3.75	5.00	.135	3.75

**LOW BIDDER**

FERRY CO., Washington.—George F. Christensen, Stevenson, Wash., at \$53,425, submitted low bid to W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for improving about 4,000 miles of the Republic-Kettle C Falls (East Side) Highway Grading Project 20-E, National Forest Road Project, located within the Colville National Forest.

**CONTRACT AWARDED**

MOHAVE CO., Arizona.—Lee Moor Contr. Co., Bassett Tower Bldg., El Paso, Tex., at \$246,543, was awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on Kingman-Boulder Dam Highway, FA 123-B. The work which is to begin about 5 miles NW of Kingman and extend about 9.6 miles NW, consists of grading, draining and placing aggregate base course and asphalt surface treatment, and is to be completed on or before April 30, 1938.

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available on work for which bids will be opened in Sacramento July 28:

I-12n-56-A, bet. southerly boundary and Point Arena, bid to be opened in Sacramento; PLANS (No. of sheets) 10; (Cost) \$1.00; CROSS-SECTIONS (No. of sheets) 8 (Cost) \$0.80; (Total) \$1.80.

II-Las, Sie-29-E.A., bet. Dorville and Nevada State Line, bids to be opened in Sacramento; PLANS and CROSS-SECTIONS, none.

II-Sls-82-C, bridge across Scott River, bids to be opened in Sacramento; PLANS (No. of sheets) 6 (Cost) \$0.60; CROSS-SECTIONS (No. of sheets) 5 (Cost) \$0.80; (Total) \$1.40.

VI-Ker-142-A, E. bridge across Poso Creek, bids to be opened in Sacramento. PLANS (No. of sheets) 5 (Cost) \$0.80; CROSS-SECTIONS (No. of sheets) 8 (Cost) \$0.80 (Total) \$1.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of State Highway Engineer, P. O. Box 1499, Sacramento.

#### BIDS WANTED

NAVAJO CO., Ariz.—Until August 3, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, P. O. Box 70, New Post Office Bldg., Phoenix, Arizona, for placing selected borrow sub-base on about 8.145 miles Section A & B, Route 20, Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo Co., Arizona.

Work involves:

- (1) 200 c. y. unclass. excav.
- (2) 65,200 c. y. unclass. excav. for borrow.

Plans and specifications may be obtained from the above office and the Bureau of Public Roads, Federal Office Bldg., San Francisco.

#### CONTRACT AWARDED

DONGLAS CO., Oregon—Edliefsen-Weygand Co., Penimular Road and Columbia Blvd., Portland, at \$53,179.50, was awarded contract by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for approximately 0.91 mile Portland cement concrete pavement in North Roseburg Section of Pacific Highway Federal Aid Project No. 78-F.

Total bids follow:

- |                                              |             |
|----------------------------------------------|-------------|
| (A) Edliefsen-Weygand Co., Portland          | \$53,179.50 |
| (B) Mountain States Construction Co., Eugene | 54,813.50   |
| (C) Jacobsen-Jensen Co., Portland            | 58,314.50   |
| (D) The United Contracting Co., Portland     | 60,450.50   |

#### COMPLETE BIDS

INYO CO., Calif.—J. A. Casson, Phoenix, Arizona, at \$12,221.20, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment to the existing roadbed on about 7.3 miles of highway between Death Valley Junction and State line in Inyo County (District IX, Route 128, Section A).

The surfacing is to be applied to the central 18-ft. portion of the roadbed.

Work involves:

- (1) 476 tons liquid asphalt, SC-4;
- (2) 77,100 sq. yds. preparing, mixing, and shaping roadbed.

Complete bids follow:

- |                                         |              |
|-----------------------------------------|--------------|
| (A) J. A. Casson, Phoenix, Arizona,     | \$12,221.20. |
| (B) Offields Trucking Co., Bakersfield, | \$13,531.84. |
| (C) A. S. Viennell Co., Los Angeles,    | \$15,927.40. |
| (D) Geo. Herz & Co., San Bernardino,    | \$14,363.90. |

Unit prices follow:

(1)	(2)	
(A) . . . . .	\$17.90	\$0.948
(B) . . . . .	17.09	0.07
(C) . . . . .	17.90	0.07
(D) . . . . .	19.00	0.069

#### CONTRACT AWARDED

YAMHILL CO., Oregon—Mountain States Construction Company, Eugene, Oregon, at \$151,141, awarded contract by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium,

third floor, Public Service Building, Portland, for South Yamhill River Section of Pacific Highway West, Federal Aid Grade Crossing Project No. FAGH 58 and Federal Aid Project No. 58; 0.85 mile grading and paving of steel, concrete and treated timber bridge over South Yamhill River, and concrete piers for subway under Southern Pacific tracks.

Total bids follow:

- |                                             |               |
|---------------------------------------------|---------------|
| Mountain States Constr. Co., Eugene         | \$151,141.00. |
| C. J. Montag & Sons, Portland—              | \$169,259.50. |
| Tom Lillebo, Reedsport—                     | \$174,079.50. |
| Jonlin & Eldon, Portland—                   | \$177,481.50. |
| Kern & Kibbe, Portland—                     | \$178,126.50. |
| Harold Blake, Portland—                     | \$185,023.50. |
| Parker-Schram Co., Portland—                | \$191,920.50. |
| Saxton & Looney and J. S. Risley, Portland— | \$203,344.00. |

#### CONTRACT AWARDED

YAMHILL CO., Ore.—Mountain States Construction Co., Eugene, Oregon, at \$23,793, awarded contract by R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for approximately 0.40 mile paving at Lafayette Section of Pacific Highway West, Federal Aid Project No. 179-B.

Total bids follow:

- |                                            |           |
|--------------------------------------------|-----------|
| Mountain States Construction Co., Portland | \$23,793. |
| Edliefsen-Weygand Co., Portland—           | \$24,360. |
| Jacobsen-Jensen Co., Portland—             | \$27,714. |
| The United Contracting Co., Portland—      | \$25,740. |
| Harold Blake, Portland—                    | \$25,969. |
| Parker-Schram Co., Portland—               | \$27,401. |

#### BIDS REJECTED

MULTNOMAH CO., Ore.—Gilpin Const. Co., Henry Bldg., Portland, at \$70,252, submitted low bid to R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for remodeling and widening Union Avenue Bridge over Sullivan Gulch on Pacific Highway East in Portland, Federal Aid Grade Crossing Project No. FAGM 130-A.

All bids rejected and project ordered readvertised.

#### COMPLETE BIDS

TRERAMA COUNTY, Calif.—Frederickson & Westbrook, Lower Lake, at \$11,967.50, submitted low bid to State Division of Highways, F. W. Hazelwood, District Engineer, District No. 2, Redding, for surfacing with road-mix about six miles between Proberta and one mile south of Red Bluff.

Complete bids follow:

- |                                      |             |
|--------------------------------------|-------------|
| Frederickson & Westbrook, Lower Lake | \$11,967.50 |
| Garcia Const. Co., Irvington         | 12,097.50   |
| Teslaun Bros., Berkeley              | 13,872.50   |
| Lee J. Immel, Berkeley               | 14,010.00   |
| Piazza & Huntley, San Jose           | 15,975.00   |

#### BIDS OPENED

HARNEY COUNTY, Ore.—Warren Northwest, Inc., P. O. Box 5072, Portland, at \$75,795, submitted low bid to R. H. Baldock, State Highway Engineer, Oregon State Highway Commission, Auditorium, third floor, Public Service Bldg., Portland, for 2.12 miles regrading; 7.61 miles surfacing with asphalt binder course; also to furnish 15,000 c. y. crushed rock in stockpiles at Lake County Line-Gap Branch Section of Central Oregon Highway, Federal Lands Highway Project No. FLH 6-A and Federal Aid Project No. 148-D.

All bids rejected and project ordered re-advertised.

#### CONTRACT AWARDED

STORIEY COUNTY, Nevada—Isbell Const. Co., Reno, at \$139,916.31 was awarded contract by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for construction of approximately 4.96 miles of highway in Storey County.

Total bids follow:

- |                                                   |
|---------------------------------------------------|
| (A) Isbell Const. Co., Reno, \$139,916.31.        |
| (B) George Pollock Co., Sacramento, \$153,518.98. |
| (C) Nevada Rock and Sand Co., Inc., \$169,641.34. |

#### CONTRACT AWARDED

LINCOLN COUNTY, Nev.—Silver State Const. Co., Fallon, Nevada, at \$23,562.80 awarded contract by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for construction of approximately 14.22 miles of highway in Lincoln County.

Total bids follow:

- |                                                                 |
|-----------------------------------------------------------------|
| (A) Silver State Const. Co., Fallon, \$23,562.80.               |
| (B) Frederic Aasen & Westbrook, Lowerlake, Calif., \$25,755.60. |
| (C) J. A. Casson, Phoenix, Arizona, \$27,609.40.                |

#### CONTRACT AWARDED

CLATSOP COUNTY, Calif.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at \$269,453.10 was awarded contract by the Highway Engineer, 808 State Bldg., Los Angeles, for highway construction in San Bernardino County, between Los Angeles County and San Bernardino (VIII-SB-9-D, Upl. A, B, Ria, C & SB) about 20.8 miles in length, to be graded and paved with asphaltic concrete.

#### CONTRACT AWARDED

Klickitat CO., Wash.—J. C. Pappin, Carson, Wash., at \$61,779, awarded contract by the Bureau of Public Roads, 1616 New Post Office Bldg., Portland, W. H. Lynch, District Engineer, for 3,205 mi. grading, 2,541 mi. surfacing, and 6,818 mi. bituminous surface treatment, on the Mt. Adams Highway, Project 17-a-B1, Columbia National Forest, Klickitat County, Wash.

#### BIDS OPENED

BOULDER CANYON PROJECT—E. L. Yeager, P. O. Box 470, San Bernardino, at \$44,246, submitted low bid to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, for surfacing a portion of the Black Canyon Highway and adjacent parking areas at the Boulder Dam. The work is located about 7 miles north-east of Boulder City, Nev.

The work involves:

- (1) 43,000 cu. yds. preparing sub-grade and base course;
- (2) 1,700 c. y. of shoulders;
- (3) 1,000 cu. yds. excav. for side drains;
- (4) 3,000 cu. yds. crushed gravel or crushed rock base course;
- (5) 200,000 gals. of water; ing;
- (6) 24,000 gals. of prime and seal coats;
- (7) 3,400 cu. y. of crushed gravel or crushed rock surface course;
- (8) 50,000 gals. applying asphaltic oil to surface course;
- (9) 43,000 sq. yds. mixing compacting and finishing road-mix surfacing;
- (10) 240 cu. y. of coarse sand for seal course.

The only other bid was submitted by Ohlf Nelson, Logan, Utah, at \$44,420.

#### CONTRACT AWARDED

SISKIYOU COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at \$14,187.50, was awarded contract by the Division of Highways, F. W. Hazelwood, District Engineer, Red-

ding, for surfacing with road-mix surfacing about 0.7 miles of highway between Moffett Creek and Rte. 3 (II-Sis-82-D) in Siskiyou County.

#### COMPLETE BIDS

GLENDALE, Los Angeles Co., Cal.—P. J. Almadazich, 3028 Gilroy St., Los Angeles, at \$55,347, submitted low bid to Glendale City Council for improving Verdugo Road between Colorado Blvd. and Monterey Street, about 1600 feet. Work will include widening to 56 feet and constructing new asphalt concrete pavement, curbs, storm drain, and appurtenant work. Work involves:

- (1) lump sum—grading;
- (2) 10,100 tons asphalt conc. pave., 6-in. thick;
- (3) 15,500 sq. ft. 6-in. gutter;
- (4) 7,900 sq. ft. 6-in. driveway;
- (5) 8,800 sq. ft. Class B curb;
- (6) 3,000 sq. ft. 3½-in. walk, 5-ft. wide;
- (7) 100 sq. ft. concrete steps;
- (8) 101 c.y. conc. retaining walls;
- (9) 360 ft. 6-in. vit. hose connection sewers;
- (10) lump sum—storm drain involving 1156 ft. 24-, 755 ft. 18-, 136 ft. 2-, 454 ft. 15-in. pipe; 21 struc., local depressions.

Total bids were:

(A)	(B)	(C)	(D)
(1) \$5528.90	\$5000.00	\$950.00	\$10140.00
(2) 2.75	2.25	2.50	2.32
(3) .17	.175	.185	.20
(4) .17	.19	.21	.20
(5) .37	.36	.40	.42
(6) .12	.11	.12	.13
(7) 1.00	1.25	.09	1.00
(8) 13.00	15.00	12.00	13.00
(9) 1.00	1.20	1.00	1.00
(10) \$260.00	\$1189.00	\$1090.00	\$10975.00

Unit bids were:

(A)	(B)	(C)	(D)
(1) \$10500.00	\$5000.00	\$8700.00	\$19500.00
(2) 2.60	3.17	2.50	2.75
(3) .20	.20	.18	.19
(4) .20	.22	.18	.19
(5) .40	.42	.45	.45
(6) .13	.15	.12	.135
(7) .70	1.20	.72	.50
(8) 14.00	15.00	13.00	15.00
(9) 1.00	1.50	.95	1.00
(10) 10000.00	\$500.00	\$10300.00	13200.00

#### BIDS WANTED

ALHAMBRA, Los Angeles Co., Cal.—Until July 9, 9 a.m., bids will be received by the Alhambra City Council, P. E. Wallace, City Clerk, for 2000 tons asphalt concrete to be used for the surfacing of Garfield Avenue from Mission Road to Main Street in accordance with specifications, which may be obtained at the office of Clayton W. Paige, City Engineer. Work involves:

- (1) 2400 tons base course;
- (2) 1200 tons top course.

#### TO BE DONE BY DAY'S WORK

CONCHAS DAM, N. M.—Hans Kramer, Captain, Corps of Engineers, District Engineer, Conchas Dam, N. M., has announced that the construction of the South Dike, Conchas Dam Project, will be done by the government using government plant and relief labor, instead of by contract, as was contemplated. An allotment for this work will be included in the Emergency Relief Bill recently signed by the President.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Los Angeles Paving Co., 3700 S. Soto St., Los

Angeles, at \$257,95, was awarded contract by Los Angeles Board of Public Works for improving Venice Blvd., between Arlington Ave. and 6th Ave.

#### CONTRACT AWARDED

LINN CO., Oregon.—J. A. Lyons, 3305 NE Halsey, Portland, at \$96,964, was awarded contract by the U. S. Bureau of Public Roads, for Santiam Highway Grading and Advance Clearing Project 23-K1-L, Willamette National Forest, Linn County, Ore.

#### BID OPENING DATE POSTPONED

MODOC COUNTY, Cal.—Until July 26 (postponed from July 16) 2 P. M., bids will be received by F. W. Hazelwood, District Engineer, District 11, State Division of Highways, Redding, for surfacing with road-mix about 31.8 miles between 2.5 miles west of Cedarville and the State Line.

Plans and specifications may be obtained from above office.

#### BIDS OPENED

UPPER SNAKE RIVER PROJECT, Idaho—Lobnitz Bros., Wolf Point, Montana, at \$7,660, submitted low bid to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Ashton, Idaho, for construction of a relocated road at the Grassy Lake Reservoir, under Snake River Project, Idaho, under Spec. No. 941-D. Bennett & Taylor, Los Angeles, California, at \$11,774, submitted the only other bid.

#### BIDS WANTED

SAN FRANCISCO—Until July 21, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19,020, for the improvement of Section B of Ocean Avenue between Harold Avenue and Pinchurst Way. Estimated cost, \$53,730.

Work involves:

- (1) 215,000 sq. ft. removing existing asphalt concrete wearing surface and replacing with 2-in. do;
- (2) 112,500 sq. ft. removing existing concrete or asphaltic concrete base and replacing with 6-in. 5-sack Class E concrete base;
- (3) 1,200 tons asphaltic concrete base and leveling course;
- (4) 700 cu. yd. curb rest;
- (5) 400 cu. yd. armor concrete curb;
- (6) 2,500 sq. ft. 2-course concrete sidewalk;
- (7) 45 tons asphaltic concrete curb pavement;
- (8) 210 new cross-bulk markers, furnished and install;
- (9) 1 brick catchbasin, complete;
- (10) 25 1½-in. VCP culvert, in place;
- (11) one 3-in. multiple curb inlet complete on existing catchbasin
- (12) 4,500 sq. ft. 2-in. asphaltic concrete wearing surface.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

#### COMPLETE BIDS

NEVADA COUNTY, Cal.—Fredericksen & Westbrook, Lower Lake, at \$10,520, submitted low bid to C. H. Whitmore, District Engineer, 703 B St., Marysville, for furnishing and stockpiling 11,500 tons of mineral aggregate for road-mix surfacing near Grass Valley, District 111, Rts. 15 and 25, Section BB.

Complete bids follow:

- (A) Frederickson & Westbrook, Lower Lake, \$10,502.00;
- (B) E. B. Bishop, Orland, \$11,564;
- (C) George Pollock So., Sacramento, \$12,598.00;
- (D) Tieslau Bros., Inc., Berkeley, \$12,662.00;
- (E) Harold Smith, St. Helena, \$14,042

(F) Independent Const. Co., Ltd., Oakland, \$14,956.00.

(G) Rock & Gravel Trucking Co., Oakland, \$19,470.

#### BIDS WANTED

SAN FRANCISCO—Until July 21, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19,050 for the reconstruction of Front Street between Green Street and Broadway. Estimated cost, \$4,679.50.

Work involves:

- (1) 1950 sq. ft. reset stone block pave.
- (2) 200 tons asphaltic concrete under
- (3) 30,200 sq. ft. 2-in. asphaltic concrete wearing surface;
- (4) 200 cu. yd. unarmored concrete curb;
- (5) 1 brick catchbasin, complete;
- (6) 35 1½-in. VCP culvert, in place

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.00.

#### BIDS WANTED

YAVAPAI CO., Ariz.—Until July 23 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Prescott-Flagstaff Highway, F. A. 96-E (1957); AFE 7923. The work, which is located about 27 mi. northeast of Jerome near the town of Sedona, consists of grading and draining 3½ miles of roadway and furnishing and placing of aggregate base course and asphalt surf. treatment, and is to be completed on or before Jan. 15, 1938.

Work involves:

- (1) 29,300 cu. yd. rdwy. excav.
- (2) 1500 cu. yd. slides and overbreakage
- (3) 1900 cu. yd. drainage excav.
- (4) 5300 1½ crown ditches;
- (5) 500 cu. yd. struc. excav.
- (6) 15,000 gal. concrete overhaul;
- (7) 9500 cu. yd. m. haul;
- (8) 6500 cu. yd. imported borrow;
- (9) 8900 cu. yd. do haul;
- (10) 21,800 tons aggregate base course
- (11) 570 M. gals. sprinkling;
- (12) 420 hours rolling;
- (13) 362 cu. yd. Class A concrete;
- (14) 30,000 lbs. reinf. steel;
- (15) 604 1½ CMIP (3 sizes);
- (16) 1 cattle guard;
- (17) 4250 ft. line fence;
- (18) 51,000 gal. 30-2 road oil;
- (19) 730 tons cover coat (conc. sand).

Plans and specifications may be obtained from the State Highway Engineer, T. S. O'Connell, 17th Ave. and Jackson St., Phoenix.

#### LOW BIDDERS

TEHAMA CO., Cal.—Fredericksen & Westbrook, Lower Lake, at \$11,967.50, submitted low bid to State Division of Highways, F. W. Hazelwood, District Engineer, District No. 2, Redding, for surfacing with road-mix about six miles between Proberta and one mile south of Red Bluff.

Total bids follow:

Fredericksen & Westbrook,	Lower Lake	\$11,967.50
Garcia Const. Co., Irvington	21,097.50	
Tieslau Bros., Berkeley		15,472.50

Complete bids will be published shortly.

#### BID CALL CANCELLED

YAVAPAI CO., Ariz.—T. S. O'Connell, State Highway Engineer, Arizona State Highway Commission, Phoenix, has cancelled all bids for highway improvement on Prescott-Flagstaff Highway, F. A. 96-E (1957); AFE 7923. The work, which is located about 27 mi. northeast of Jerome near the town of Sedona, consists of grading and draining 3½ miles of roadway and furnishing and placing of aggregate base course and asphaltic surface treatment.

## CONTRACT AWARDED

PLEASANT VALLEY, Mont.—G. D. Lyon, Spokane, Wash., at \$105,250.82, was awarded contract by the U. S. Bureau of Public Roads, for grading and draining Pleasant Valley, Montana Forest Project.

## CONTRACT AWARDED

YAKIMA CO., Wash.—C. E. Oneal Co., Inc., Ellensburg, Wash., at \$42,849.80, was awarded contract by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for grading approximately 0.8633 mile on the Randle-Yakima Highway (east side) Grading Project 13-U, National Forest Road Project, Snoqualmie National Forest, Yakima County.

## CONTRACT REJECTED

TUOLUMNE CO., Calif.—The Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Bldg., San Francisco, rejected all bids received June 3rd for 2.107 miles grading and placing subgrade reinforcement on Section A2 of Route 4, Tioga Road, Yosemite National Park, Tuolumne County.

Granfield-Farrar & Carlin, 67 Hoff St., San Francisco, submitted low bid at \$108,153.10.

## BIDS WANTED

SAN DIEGO and Imperial Counties, Cal.—Until July 27, 3 P. M., bids will be received by the State Highway Department, E. E. Wallace, District Engineer, San Diego, for highway construction in San Diego and Imperial counties, between Julian and Kane Springs (KI-SD-Imp-198-EEGA) about 56.5 miles, liquid asphalt to be furnished and applied.

## BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until July 19, 5 P. M., bids will be received by E. L. Traherm, City Clerk, Stockton, for street improvement of Acacia Street, from the west line of El Dorado St. to the west line of Banker Street, Stockton.

Work involves:

- (1) 12,823 sq. yds. existing pavement to be clarified and reshaped;
- (2) 13,159 sq. yds. existing pavement to be planed. (Planing includes existing pavement, gutter, removal trimmings);
- (3) 6.24 tons liquid asphalt for paint coat;
- (4) 164.97 tons asphalt concrete wearing course;
- (5) 29,710 tons rock screenings or binder material;
- (6) 17 existing manhole frames and covers.

Plans and specifications may be obtained from above office.

29

## BIDS WANTED

SOLANO CO., Calif.—Until August 4, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with portland cement concrete and plant-mixed surfacing about eight-tenths of a mile between the Carmichael Bridge and nine-tenths of a mile north.

Work involves:

- (1) 1,250 M. gals. water;
- (2) 15 c.y. remove existing concrete;
- (3) 50,500 c.y. rdwy. excav., unclass.
- (4) 900 c.y. struc. excav.
- (5) 900 c.y. ditch and channel excavation;
- (6) 9,600 c.y. imported borrow;
- (7) 106,000 sta. yds. overhaul;
- (8) 300 c.y. imported loam on sand;
- (9) 10,250 sq. yds. preparing subgrade;
- (10) 42 sta. finishing rdwy.;
- (11) 3,400 c.y. salvaged surf.;
- (12) 700 tons untreated crushed gravel or stone surf. course;
- (13) 62 tons liquid asphalt SC-1A or

SC-2 roadbed seal prime coat

- (14) 43 tons asphalt cement, Grade E road bed seal;
- (15) 82 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf.;
- (16) 1,650 tons min. aggregate plant-mix surf.;
- (17) 10 tons liquid asphalt ROMC-4 or ROMC-5 seal coat;
- (18) 100 tons screenings seal coat;
- (19) 2,000 c.y. Class A portland cement concrete pavement;
- (20) 250 each pavement dowels;
- (21) 450 pavement tie bolt assemblies;
- (22) 5,500 lbs. bar reinf. steel pavement and struc.;
- (23) 19 c.y. Class A portland cement concrete struc.;
- (24) 224 lf. 8-in. CMP;
- (25) 162 lf. 18-in. CMP;
- (26) 40 lf. 14-in. CMP;
- (27) 102 lf. 36-in. CMP;
- (28) 3,190 lf. 6-in. perf. metal pipe;
- (29) 490 c.y. rock filling material;
- (30) 7 each spillway assemblies;
- (31) 55 c.y. Class A portland cement concrete curbs and gutters;
- (32) 1,600 lf. remove and reset existing guard railing;
- (33) 1,600 lf. salvaging do.;
- (34) 0.24 mile new property fence;
- (35) 0.26 mile moving and resetting property fence;
- (36) 7 each culvert markers;
- (37) 7 each monuments.

The state will furnish CMP perforated metal pipe and embankment protectors, etc.

Plans and specifications may be obtained from above office.

## BIDS WANTED

KERN CO., Calif.—Until August 4, 2 p.m., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing about 8 miles and constructing borders on two miles highway south of Greenfield and Mountain View Sch.

Work involves:

- (1) 165 M. gals. water;
- (2) 500 tons crusher run base;
- (3) 40 tons liq. asphalt, SC-1A or SC-2 prime coat;
- (4) 22,000 sq. yds. asphaltic paint binder;
- (5) 4,000 tons mineral aggregate plant-mix surf.;
- (6) 205 tons liq. asphalt, ROMC-4, plant-mix surf.;
- (7) 240 tons liq. asphalt, SC-4, shoulders;
- (8) 29,000 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications may be obtained from above office.

## BIDS WANTED

IMPERIAL CO., Calif.—Until August 5, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mix surfacing about nine and four-tenths (9.4) miles between Holtville and Bravley.

Work involves:

- (1) 960 M. gals. water;
- (2) 21,500 c.y. roadway excav. without classif.;
- (3) 22,000 sta. yds. overhaul;
- (4) 4,300 c.y. struc. excav.;
- (5) 120 c.y. remove concr.;
- (6) 490 sta. finishing roadway;
- (7) 1,150 tons gravel base;
- (8) 50 tons asphaltic emulsion;
- (9) 23,600 tons mineral aggregate plant-mix surf.;
- (10) 1,030 tons liq. asphalt MC-5 or MC-6 extra heavy plant mix surf.;
- (11) 45 tons liq. asphalt, MC-3 stockpile;
- (12) 5 tons liq. asphalt, SC-2, prime coat;
- (13) 50,000 lbs. bar reinf. steel struc.;
- (14) 300 c.y. class A portland cement

concr. struc.;

- (15) 438 lf. 12-in. CalP;
- (16) 942 lf. 18-in. CMP;
- (17) 106 lf. 18-in. CMP siphons;
- (18) 148 lf. 24-in. CMP siphons;
- (19) 620 lf. 30-in. CMP siphons;
- (20) 190 lf. 30-in. CMP siphons;
- (21) 34 each, conc. pipe joints;
- (22) 920 lf. remove pipe culverts;
- (23) 15 M. ft.b.m. Douglas fir timber;
- (24) 15,100 lf. remove side forms;
- (25) 15 each, culvert markers;
- (26) 34 each, culvert markers, move and reset.

The State will furnish CMP, etc. Plans and specifications may be obtained from above office.

## BIDS WANTED

SAN BERNARDINO & RIVERSIDE COS., Calif.—Until August 5, 2 p.m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to 1.69 miles of existing shoulders in San Bernardino and Riverside Counties.

Work involves:

- (1) 926 tons liq. asphalt, SC-4;
- (2) 112,500 sq. yds. preparing, mixing and shaping shoulders.

Plans and specifications obtainable from the above office.

## BIDS OPENED

PLUMAS CO., Calif.—Harms Bros., 5220 21st Ave., Sacramento, at \$3045, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing bituminous treatment on Sections C-D and E and maintenance with bituminous treatment on Sections A and B, Route 20, Abnator National Forest Highway, Plumas National Forest, Plumas County, involving 9.492 miles.

Work involves: (1) 175 tons of snow-curing asphalt, type SC-2, bituminous treatment.

Total bids follow:

- (A) Harms Bros., 5220 21st Ave., Sacramento—(1) \$17,400, total, \$3045.
- (B) Hayward Bldg. Material Co., Hayward—(1) \$18,255; total, \$3290.75.
- (C) Albert Helwig Construction Co., Sebastopol—\$18,500; total, \$3202.50.
- (D) Lee J. Immel, Berkeley—\$19,458 total, \$3409.
- (E) A. Teichert & Son, Inc., Sacramento—(1) \$20,960; total, \$3500.
- (F) P. Breen, Sacramento—(1) \$21,000, total, \$3675.
- (G) Cleland Bros. Inc., Berkeley—\$21,760, total, \$3795.50.

## CONTRACT AWARDED

GILA CO., Arizona—Southern California Roads Company, 2145 E. 25th St., Los Angeles, at \$28,985.08 was awarded contract by Arizona State Highway Commission, Phoenix, for highway improvement on the Globe-Holtville Imperial Highway, Non-FA 105-C, AFE 6069. The work, which is to begin about 27 miles east of Showlow and extend east about 15.5 ml, toward Springville, consists of surfacing and applying asphalt surfacing treatment using SC-2 road oil, and is to be completed on or before September 15.

## CONTRACT AWARDED

LOS ANGELES, Cal.—Vido Kovacevic, 5406 Imperial Highway, South Gate, at \$13,251.26, was awarded the contract by Los Angeles board of public works for grading and paving Broadway, between 87th and 93rd Sts. a cash contract.

## CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—United Concrete Pipe Corp., 347 W. 208th St., Los Angeles, at \$268,153.10 awarded contract by State Director of Public Works for Highway con-

struction in San Bernardino County between Los Angeles county line and San Bernardino (VIII-SB4-9-D, Upl, A, B, Ria C&SB), about 20.8 mi. in length, to be graded and paved with asph. concrete.

**CONTRACT AWARDED**

**GILA COUNTY, Ariz.**—Southern California Roads Co., 2145 E 25th St., Los Angeles, at \$28,985 submitted low bid and awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Globe-Springerville Highway, Non-F. A. 105-C, AFE 6069. The work, which is to begin about 27 mi. east of Showlow and extend east about 15.5 miles toward Springerville, consists of furnishing and applying asphalt surface treatment using SC-2 road oil, and is to be completed on or before Sept. 15.

**Work involves:**  
 (1) 290 M. gals. sprinkling;  
 (2) 300 hours rolling;  
 (3) 230,200 gals. SC-2 road oil;  
 (4) 400 c.y. blotter material (pit run).  
 Next two bids were: Martin Const. Co., Tucson, \$29,636; Arizona Sand & Rock Co., \$30,024.

**CONTRACT AWARDED**

**PALO ALTO, Santa Clara Co., Cal.**—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at \$35,505.65 was awarded contract by Winifred Kierulff, City Clerk, Palo Alto, for street improvements of Forest Ave. from Lincoln Ave. to Center St., of Pitman Ave. from Lincoln Ave. to Center St., of Martin Ave. from Lincoln Ave. to Forest and Channing Avenues.

**Total bids follow:**  
 Palo Alto Road Materials Co. . . . . \$35,505.65  
 Union Paving Co., S. F. . . . . 38,160.75  
 A. J. Raich, San Jose . . . . . 39,715.90  
 Eaton & Smith, S. F. . . . . 40,847.35  
 Chas. L. Harney, S. F. . . . . 41,475.40  
 Bodenhamer Const. Co., Oakland . . . . . 49,880.60

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Aug. 5, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for widening shoulders and surfacing with plant-mixed surfacing about 6.6 miles between West Covina and Pomona.

- Work involves:**
- (1) 348 sta. clear and grub;
  - (2) 900 M. gals. water;
  - (3) 80 c.y. existing concrete removed and disposed of;
  - (4) 107,000 c.y. rdwy. excav., unclass.
  - (5) 1,250 c.y. dirt excav.
  - (6) 550 c.y. ditch and channel excav.
  - (7) 825,000 sta. yds. overhaul;
  - (8) 348 sta. finishing rdwy.;
  - (9) 100 tons liquid asphalt, SC-2 prime coat;
  - (10) 2,600 tons min. aggregate plant-mix surf.;
  - (11) 135 tons liq. asph. SC-4 plant-mix surf.;
  - (12) 1,270 tons liquid asphalt SC-2 road mix surf. treatment;
  - (13) 105,000 sq. yds. preparing, mixing and shaping shoulders;
  - (14) 14,200 lbs. bar reinf. steel;
  - (15) 190 c.y. Class A Portland cement concrete struc.;
  - (16) 1,250 lbs. misc. iron and steel;
  - (17) 260 lf. 24-in. CMP;
  - (18) 42 lf. 30-in. CMP;
  - (19) 18 lf. 36-in. CMP;
  - (20) 28 lf. 48-in. CMP;
  - (21) 500 lf. 6-in. perf. metal pipe under-drainage;
  - (22) 75 c.y. rock filling material;
  - (23) 1,920 lf. existing CMP removed, cleaned and relaid;
  - (24) 11 lf. existing CMP removed, cleaned and salvages;
  - (25) 5 each spillway assemblies;
  - (26) 34 each remove, clean and relay

- embankment protectors;
  - (27) 200 lf. laminated guard railing;
  - (28) 82 each culvert markers, removed and reset;
  - (29) 50 each guide posts removed and reset;
  - (30) 280 each guide posts and culvert markers removed and salvages;
  - (31) 2.0 miles fences moved and reset;
  - (32) 100 lf. bank protection fence.
- The state will furnish CMP perforated metal pipe bank couplers and embankment protectors.  
 Plans and specifications may be obtained from above office

**BIDS OPENED**

**OAKLAND, Calif.**—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for improving 39th Avenue and Victor Avenue, Oakland:

**Work involves:**

- (1) 27 lf 15-in. reinf. corr. pipe conduit;
- (2) 158 lf 10-in. vit pipe conduit;
- (3) 64 lf. 12-in. do.;
- (4) 10 lf. 6x30 corr. iron and conc. box outlets;
- (5) 2 brick manholes;
- (6) 4 24-in. storm water inlets.

**Total bids follow:**

(A) McGuire & Hester Sewer Contractors, 1331 E. 33rd St., Oakland—(1) \$7.00 (2) \$2.50, (3) \$2.50, (4) \$7.00, (5) \$250, (6) \$70.  
 (B) W. J. Tobin, 3701 Balfour Ave., Oakland—(1) \$6.75, (2) \$3.50, (3) \$2.00, (4) \$10.00 (5) \$160, (6) \$65.  
 (C) Martin Murphy, 734 Santa Fe Ave., Berkeley—(1) \$7.00, (2) \$1.50, (3) \$1.60, (4) \$10.00, (5) \$140, (6) \$75.  
 (D) Oakland Sewer Construction Co., 9915 Walnut St., Oakland—(1) \$6.44, (2) \$4.50, (3) \$1.50, (4) \$10.00, (5) \$200, (6) \$60.  
 (E) John White, 3214 E 12th St., Oakland—(1) \$4.00, (2) \$3.00, (3) \$3.50, (4) \$23.90, (5) \$147, (6) \$60.  
 (F) John Pestana Sewer Contractor, 4037 Fruitvale, Oakland—(1) \$4, (2) \$2, (3) \$3, (4) \$11, (5) \$176, (6) \$75.

**CONTRACT AWARDED**

**CONCORD, Ariz.**—Ken Hodgman, P.O. Box 920, Phoenix, Ariz., at \$59,777.63, was awarded contract by the State Highway Engineer, Phoenix, for Flagstaff-Winslow Highway PA 21, 1st rep (1937), AFE 6670. Work extends 1/2 mile mostly within city limits of Flagstaff, consists of grading, draining, furnishing and placing select material, concrete pavement, concrete pipe, concrete curb and gutter, removing oil pavement, and other incidental work; and is to be completed on or before Nov. 30.

**CONTRACT AWARDED**

**BEVERLY HILLS, Calif.**—Robert Millsap, Inc., 437 S Hill Street, Los Angeles, at \$14,250 submitted low bid and was awarded contract by Beverly Hills Board of Education for construction of retaining walls, curbs, sump and drain, walks, steps and asphalt paving for grading at the Beverly Hills high school site. Total bids were: Hoagland Engr. & Const. Co., \$16,580; Arthur Pinner, Jr., \$17,350; Ellis Björning, \$17,550; Jones Bros., \$20,195; Atlas Const. Co., \$22,000.

**BIDS WANTED**

**SAN FRANCISCO**—Until July 21, 1.45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for making test holes for Calhoun and Union Sts improvement; 250 lineal feet. Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall.

**DIDS OPENED**

**SAN FRANCISCO**—Chas. L. Harney, 433 Call Bldg., San Francisco, at \$3880, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,054, for improvement of the easterly one-half of 37th Avenue between Judah and Kirgham Streets. Estimated cost, \$4,000.

**Work involves:**

- (1) 40 lf. 8-in. vit. concr. pipe side sewer;
- (2) 600 lf. unarmored concrete curb;
- (3) 1200 sq. ft. asphaltic concrete rock subbase pavement.

**Total bids follow:**

(A) Chas. L. Harney, 433 Call Bldg., San Francisco—(1) \$1,00, (2) \$0.70, (3) \$0.285; total, \$3880.  
 (B) Eaton & Smith, San Francisco—(1) \$1.00, (2) \$0.90, (3) \$0.2815; total, \$3958.  
 (C) Lowrie Paving Co., San Francisco—(1) \$1.50, (2) \$1.00, (3) \$0.29; total, \$3440.

**BIDS OPENED**

**FERRY CO., Wash.**—George F. Christensen, Stevenson, Wash., at \$53,425, submitted low bid to W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for improving about 4,000 miles the Republic-Kettle C Falls (East Side) Highway Grading Project 20-E, National Forest Road Project, located within the Colville National Forest.

**Total bids follow:**

(A) George F. Christensen, Stevenson, Wash. . . . . \$53,425  
 (B) C. E. Oneal Co., Inc., Ellensburg . . . . . 58,372  
 (C) L. Coluccio, Seattle . . . . . 63,131  
 (D) Carbon Bros., Spokane . . . . . 63,518  
 (E) Elliott & Co., Seattle . . . . . 68,226  
 (F) L. Romano Engrg. Corp., Seattle . . . . . 68,749  
 (G) Colonial Constr. Co., Spokane . . . . . 69,993  
 (H) F. H. Clifton & Applegate, Spokane . . . . . 72,352  
 (I) Roy L. Bair, Spokane . . . . . 77,144  
 (J) Sierra-Spokane Co., . . . . . 83,038  
 (K) Guy J. Morris, Seattle . . . . . 83,922

**BIDS OPENED**

**YOLO AND COLUSA COS., Calif.**—Granite Construction Co., Ltd., Watsonville, Calif., at \$19,897.60, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for surfacing with bituminous macadam, about 43 mi. between Zamora and Bretona and between Aruckle and Geneva.

**The work involves:**

- (1) 4,460 tons broken stone;
- (2) 320 tons liq. asphalt, 90-85.

**Total bids follow:**

(A) Granite Construction Co., Ltd., Watsonville—\$19,897.60  
 (B) Lee J. Immelt, Berkeley—\$20,850.  
 (C) J. P. Brennan, Redding—\$22,316  
 (D) E. A. Forde, San Anselmo—\$22,476  
 (E) A. Teichert & Son, Sacramento—\$23,500.

**Unit prices follow:**

(1) (A) (B) (C) (D) (E)  
 (1) \$3.28 \$3.40 \$3.73 \$3.85 \$3.85  
 (2) 17.98 18.50 18.45 17.30 20.50

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

**BOULDER CANYON PROJECT**—Until July 29, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec 951-D for two plate-stator turbine inlet pipes for installation in the Boulder power plant. The pipes will be installed by the Government.  
 Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**NAPA CO., Calif.**—Andgren and Swinerton, Inc., 225 Bush St., San Francisco, awarded contract by Pacific Gas & Electric Co. for construction of pipeline in Napa and Solano counties, consisting of approximately 50 miles of 10-in. and 12-in. pipe. Pipe is to be furnished by P. G. & E. Work on the line, which will extend from Rio Vista to Dixon, and from Dixon to the Napa "Y," was to be started this week.

**LOW BIDDER**

**UPPER SNAKE RIVER PROJ., Idaho.**—Bennett & Taylor, 1041 Venice Blvd., Los Angeles, at \$22,311, submitted low bid for R. F. Walter, Chief Engineer, U. S. Bureau of Reclamation, Ashton, Idaho, for the construction of Cascade Creek diversion dam and earthwork and structures for Cascade Creek-Groves Lake diversion canal, Upper Snake River Project, Idaho; Spec. No. 916-D. Complete bids will be published shortly.

**CONTRACT AWARDED**

**GRAND COULEE DAM, Wash.**—American Bridge Co., Denver, Colo., at \$56,267, was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 738, for furnishing and delivering six-piece bulkhead gate frame and track assemblies for installation at the inlet ends of the dam conduits at the Grand Coulee Dam, Columbia Basin Project.

**NOTICE APPROVED**

**PHOENIX, Ariz.**—Approval of a \$2,000,000 loan and grant to the Arizona Water Conservation District (Maricopa County) for the construction of dam and other irrigation facilities on the Hassayampa River near Wittmann, 36 miles Northwest of Phoenix, has been announced by the F.W.A. Project calls for construction of a 270-ft. concrete arch dam, in Box Canyon with an impounding capacity of 140,000 acre feet, costing \$812,000; concrete spillway estimated to cost \$230,000; metal sheet piling dike dam, 7-mile concrete lined canal, and 75 miles of laterals. The canal system will require 1350 feet of tunnels and 4000 feet of flumes equal land owners in the district. The president and secretary of the Arizona Water Conservation District are Sam A. Smith and Hazel B. Green, respectively.

**NOTICED**

**SUN RIVER PROJECT, Mont.**—Until July 26, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 949-D, for six 34x12-in. radial gates for installation in the spillway at the Gibson Dam, Sun River Project, Montana. Work to be installed by the Government.

Plans and specifications may be obtained from above office.

**PLANS ANNOUNCED**

**LOS ANGELES, Cal.**—Maj. Theodore Wyman, Jr., District Engineer, U. S. Army, 751 S. Figueroa St., Los Angeles, has announced the details of the proposed Orange county flood control project to be constructed by the federal government under supervision of the district engineer. The cost is estimated at \$13,000,000. The Orange county flood control district will bear the expense of relocating railroads, highways, public utilities, and the construction of relief channels and conduits at a cost of \$10,000,000. The flood control district will also expend \$1,400,000 for rights of way, and incidental expense, at total cost of \$25,000,000.

The individual projects are:

No. 1, Santa Ana River, Prado Dam, \$4,900,000; earth fill dam, 100 ft. high, crest width 30 ft., length 2350 ft.; upstream slope, hand placed stone paving, concrete spillway and outlet works. Other costs are: relocating 4.75 miles railway, \$510,000; 17 miles state highway, \$65,100; 7 miles state highway, \$171,600; public utilities, \$10,000.

No. 2, Brea Creek, Brea Dam, \$701,000. Earth fill dam, 85 ft. high; crest width 15 ft., length 1250 ft.; upstream slope, hand placed stone paving; concrete spillway and outlet works.

No. 3, Carbon Canyon Creek; Carbon Dam, \$1,330,000. Earth fill dam, 120 ft. high, crest width 15 ft., length 770 ft.; upstream slope, hand picked stone paving; concrete spillway and outlet works. Relocating gas line, \$35,150; relief channel construction, \$95,450.

No. 4, San Juan Creek; San Juan Dam, \$2,171,000. Earth-fill dam, 116 ft. high, crest width 15 ft., length 2500 ft.; upstream face hand picked stone paving; concrete spillway and outlet works.

No. 5, Arroyo Trabuco; Trabuco Dam, \$1,379,000. Earth-fill dam, 100 ft. high; crest width 15 ft., length 1250 ft.; upstream slope hand picked stone paving; concrete spillway and outlet works.

No. 6, Santiago Creek; Santiago Dam, \$1,527,000. Present dam to be raised 30 ft. Crest width 15 feet, length 450 ft.; new slope and top paved; reconstruct concrete spillway and outlet works.

No. 7, Fullerton Creek and Loftus Diversion; Loftus Dam, \$310,000. Earth-fill dam, 45 ft. high; crest width 15 ft., length 500 ft. Upstream slope hand picked stone paving; concrete spillways and outlet works. Relocating water line, \$11,360; conduit construction, \$11,150,000; protection channel construction, \$79,300.

No. 8, Aliso Creek; Aliso Dam, \$362,000. Earth-fill dam, 80 ft. high; crest width 15 ft., length 720 ft. Upstream slope hand picked stone paving. Concrete spillway and outlet works. Relocating county road, \$16,000.

Construction totals will amount to: federal government, \$12,748,000; flood control district, \$1,301,240.

Estimated cost of lands, right of way, etc., flood control district, \$1,347,205.

Incidental expenses, district \$51,555. Total costs, federal government, \$12,748,000; district, \$2,500,000.

A special election will be held in Orange county flood control district to vote on a \$2,500,000 bond issue to cover the cost of the county share of the work. A two-thirds majority is required.

**31—PIPE LINES & WELLS****BIDS OPENED**

**FILLMORE, Ventura Co., Calif.**—Fillmore Concrete Pipe Works, Fillmore, submitted the low bid to the Fillmore city manager, C. Arrasmith, at \$320.51, for cutting pavement, trenching, laying pipe, and backfilling for laying water mains. The work involves the following:

- (A) 23,000 sq. ft. ditch and fill;
- (B) 10,150 sq. ft. cut 5-in. pave;
- (C) Laying C I pipe, class 150;
- (D) 306 ft. 4-inch;
- (E) 3550 ft. 6-inch;
- (F) 17,475 8-inch;
- (F) 3156 ft. 10-inch;
- (G) install 34 fire hydrants, 6-inch.

Joints to be caulked with dry lute and cement. Separate bids to be received on items A, B, C and D.

The work was received by Fillmore Concrete Pipe Co.—Cutting pavement, 101½¢ sq ft; trenching, 16½¢ ft 10-in. 17½¢, 16¼¢, 15¼¢ and 14½¢ on 8-in. and 15¢, 15¼¢, 15¢ and

15¼¢ on 6-in.; laying pipe: 12¢ on 10-in. 11½¢, 12¢, 11½¢ and 11¼¢ on 8-in. 11½¢, 11¼¢, 12¢, and 11¼¢ on 6-in.; backfill: all projects, 2¢ ft.

E. C. Nickels—Cutting pavement, 7¢ sq ft; trenching, 10-in 20c, 8-in 15c, 6-in 15c; laying 10-in 26c, 8-in 15c, 6-in 20c and 22c; backfill: 10-in 2c, 8-in 5¢; 6-in, 6c and 6c.

W. Williams & Van Valkenburgh—

Cutting pavement 7½¢; trenching and backfill: 20c; laying 20c.

Macco-Robertson Co.—Cutting pavement: trenching 18¢ each size; one section 21¢; laying 10-in 27c, other sizes 24c; 22c, 14c & 25c; backfill, 15c ft.

A. L. Gabrielson—Cutting pavement, 15c ft; trenching 10-in 15c, backfill 5c; other projects: 8-in 24c, 15c two at 20c and No. 6 at 30c; laying 10-in 15c; other five projects: 14c, 15c, 20c, 14c, and 15c; backfill: 5c all projects.

Marko Matich—Cutting pavement: three at 10c, two at 9c; trenching: 10-in 30c, others 20c, 20c, 16c, 15c and 16c; laying: 10-in 35c, next two 25c; next two 27c, next 20c and No. 6 25c; backfill: 10-in 2c, others 8c.

Underground Constr. Co.—Cutting pavement: 6c; trenching 10-in 20c, others 15c; laying: 10-in 24½¢, one section of 8-in 22c, section 3 8-in 22c 6-in 19c, project 4, 22c and 19c, project 5, 6-in, 19c; proj 6, 8-in, 22c; 6-in 19c; backfill 2c.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until July 20, 2 p.m., as previously reported, bids will be received by the Constructing Quartermaster, Sacramento, for the construction and completion of Deep Well Turbine Pump installations. Pump Houses, Piping and Accessories at Sacramento Air Depot.

Work involves:

- (1) Pump sum—two deep well tur. pumps, incl. electric control equipment, gauges, foundations, discharge elbows, spigot pipe, pump house floors, etc.;
- (2) Construct two concrete pump houses, 10-ft. meter pits, water meters, piping, fittings, sidewalks, steel tower;
- (3) Furnishing labor and materials, complete in place:
  - (a) Earth excav.
  - (b) Rock excav.
  - (c) Concrete in place;
  - (d) Reinforcing steel bars;
  - (e) Steel wire fabric;
  - (f) 10-in. class "B" cast iron;
  - (g) Cast iron fittings;
  - (h) Sheet piling in place.

Plans and specifications may be obtained from above office upon the deposit of \$10.

**BIDS WANTED**

**FRESNO, CALIF.**—Until July 21, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. 147 for the laying of 6-inch cast iron mains in 30th and 45th avenues in the meters and Parkside area.

- Work involves:
- (1) 875 lf. excavation and backfill for 6-in. pipe, trench, 17-in. wide by 36-in. deep;
  - (2) 20 sq. ft. additional excavation and backfill;
  - (3) 70 sq. yds. additional pavement removal and replacement;
  - (4) 875 lf. installing 6-in. bell and spigot cast iron pipe;
  - (5) 2,000 lf. installing fittings, gate valves, etc.;
  - (6) 112 lf. bell and spigot joints for pipe and fittings;
  - (7) 1,820 sq. ft. asphaltic concrete;
  - (8) 93-in. screw taps;
  - (9) 330 12-in. galvanized iron service pipe.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until July 28 10 A. M., bids will be received by Los Angeles Board of Public Works for Central Outfall Sewer repairs between Van Ness Ave. and West Blvd., a cash contract. Work consists of removal from damaged arch section of shattered or dislodged brick; proper replacing of these damaged sections with new material to form a thoroughly keyed 3-ring brick arch; back filling and hand tamping of earth in all openings and cavities surrounding the arch which may be found to exist on removal of damaged area or occur incidental to reconstruction, for total length of sewer of not less than 500 ft., nor more than 1000 ft. Bids will be received on:

- (1) per sq. ft. or 3-ring brick work in place;
- (2) per cu. yd. for backfill and tamping.

**BIDS WANTED**

**SAN FRANCISCO.**—Until July 26, 4 p.m., bids will be received by the San Francisco Exposition Company, 585 Bush Street, San Francisco, for the first unit storm sewer system on Yerba Buena Shoals.

Work involves:  
 (1) 27,000 ft. mostly wood stave tube, varying in size from 10 inch to 34 inches;  
 (2) 6 outfalls through the sea wall.  
 Plans and specifications may be obtained from the above office upon deposit of \$20.

**CONTRACT AWARDED**

**WEST LOS ANGELES, Calif.**—Wenters & Webb, 656 N. Robertson Blvd., Los Angeles, at \$50,000 (WO 62847), has been awarded a contract for the construction of a reinforced concrete, Monolithic storm drain in a new subdivision east of Sepulveda Blvd. and north of Beverly Blvd., for the Alphonso E. Bell Corp. Minnis & Moody have the contract for excavation work in connection with same and work will commence immediately.

**BIDS WANTED**

**WATSONVILLE, Santa Cruz Co., Cal.**—Until August 10, 7:30 P. M., bids will be received by M. M. Swishner, City Clerk, City Hall, Watsonville, for constructing a storm sewer on Monte Vista Ave., Watsonville.

Plans and specifications may be obtained from the office of the City Engineer, City Hall, 268 Main Street, Watsonville.

**SUB BIDS WANTED**

**HEALDSBURG, Sonoma Co., Cal.**—Until 4:00 p.m. 18th St., San Francisco, is figuring plans and desires sub bids on or before July 17, on reinforcing steel, lumber, mill work, plumbing and mechanical work, electric work, tile work, steel sash work, glazing work, painting work, ornamental iron work, excavation work and sheet metal work for the construction of a sewage pumping and disposal plant and appurtenant works, for which bids will be opened on July 19th, 5 p.m., by the Healdsburg City Council, D. G. Bane, Clerk. Plans prepared by Engineer, Harry N. Jenks, 2701 Benvenue, Berkeley.

**33—WATER WORKS**

**PERMITS ISSUED**

**SACRAMENTO, Calif.**—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the

**MONTEREY COUNTY—BRIDGE—(State)**

**MONTEREY COUNTY, Cal.**—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at \$146,265.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing a reinforced concrete bridge across Big Creek about 49 miles south of Monterey, consisting of two 177-ft. 6-in. open spandrel arch spans; two 81-ft. 6-in. open spandrel arch cantilevers and two 34-ft. 6-in. girder spans.

The work involves:  
 (1) 1,000 c.y. stripping;  
 (2) 1,500 c.y. struc. excav.;  
 (3) 480,000 lbs. bar reinf. steel;  
 (4) 510 c.y. Class A portland cement concrete footing blocks;  
 (5) 1,910 c.y. Class A portland cement concrete struc.;  
 (6) 675 c.y. Class A portland cement concrete arch ribs and struc.;  
 (7) 35 c.y. Class A portland cement concrete railing;  
 (8) 114,000 lbs. struc. steel;

- (9) 5,100 lbs. cast steel;
- (10) 1,830 lbs. cast iron;
- (11) 80 1/2-in. 12-inch CMP;
- (12) 100 1/2-in. temporary timber guard rail;
- (13) 2 each clearance markers;
- (14) 2 each 125-ton hydraulic jacks;
- (15) 1 lot misc. items of work.

The State will furnish CMP and coupling bands.  
 Total bids follow:  
 (A) C. O. Sparks and Mundo Engr. Co., 2309 E. Olympic Blvd., Los Angeles, \$146,268.

- (B) C. W. Callett & Co., San Rafael, \$155,248.50.
- (C) John Rocca, San Rafael, \$166,044.90.
- (D) R. R. Bishop, Long Beach, \$173,884.50.
- (E) M. E. McGowan, Inc., San Francisco, \$176,313.00.
- (F) Peter J. McHugh, San Francisco, \$177,198.00.
- (G) Barrett & Hill, San Francisco, \$211,694.00.
- (H) Lindgren & Swinerton, Inc., San Francisco, \$242,673.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 2.00	1.85	1.00	\$ 2.00	1.90	1.50	1.25	\$ 1.00
(2).....	4.00	4.40	6.00	3.00	6.50	5.00	7.50	10.00
(3).....	.05	.058	.06	.06	.0675	.065	.0625	.07
(4).....	18.50	16.00	19.86	12.00	16.50	15.00	25.00	15.00
(5).....	24.00	28.75	34.51	36.00	39.50	29.00	42.00	45.00
(6).....	45.00	38.00	48.00	40.00	52.00	68.00	71.00	90.00
(7).....	65.00	60.00	65.00	65.00	70.00	60.00	100.00	100.00
(8).....	.185	.18	.09	.15	.20	.18	.25	.20
(9).....	.20	.30	.25	.30	.20	.25	.22	.30
(10).....	.10	.20	.14	.15	.15	.10	.10	.10
(11).....	2.00	1.00	1.25	1.00	1.00	2.00	.60	.30
(12).....	1.50	1.50	1.25	1.00	1.00	2.00	1.00	1.50
(13).....	20.00	20.00	6.00	30.00	5.00	10.00	13.00	10.00
(14).....	600.00	400.00	750.00	700.00	750.00	800.00	650.00	1500.00
(15).....	2500.00	1500.00	3000.00	3550.00	2648.50	2000.00	1500.00	7500.00

month of June, 1937:  
 4947, Application 8836 (Butte Co.)—Issued to Edward Fierro, Chico, Cal., June 9, 1937, for 10 cubic foot per second from Sacramento River, for irrigation of 20 acres. Estimated cost, \$250.00.

4948, App. 8928 (Placer Co.)—Issued to U. S. Tahoe National Forest, Placerville, Calif., June 9, 1937, for 0.025 cu. ft. per second from Temperance Creek, for domestic purposes. Estimated cost, \$930.

4949, App. 8769 (Humboldt Co.)—Issued to Jean Davis Wells, Orleans, Calif., June 12, 1937, for 8600 gals. per day from Crawford Creek, for domestic purposes and irrigation of two acres.

4950, App. 8784 (Los Angeles Co.)—Issued to A. K. Andersen, et al., M. Andersen, Los Angeles, Calif., June 14, 1937, for 0.5 cubic foot per second from an unnamed spring, for domestic purposes and irrigation of 48.5 acres. Estimated cost, \$1000.

4951, App. 8670 (Nevada Co.)—Issued to A. J. Harder, John P. Burns and Don K. Hoster, Sacramento, Cal., June 17, 1937, for 3 cu. feet per second from Bloody Run Creek, for mining purposes. Estimated cost, \$160.

4952, App. 8671 (Nevada Co.)—Issued to A. J. Harder, John P. Burns and Don K. Hoster, Sacramento, Cal., June 17, 1937, for 0.5 cubic foot per second from an unnamed spring, for mining purposes. Estimated cost, \$190.

4953, App. 8917 (Shasta Co.)—Issued to A. C. Mining Co., Redding, Calif., June 18, 1937, for 2.5 cubic feet per second from Sacramento River, for mining purposes. Estimated cost, \$25,000.

4954, App. 8902 (Mono Co.)—Issued to U. S. Inyo National Forest, Bishop, Calif., June 18, 1937, for 0.5 gals. per day from an unnamed spring, for domestic purposes. Estimated cost, \$390.

4955, App. 8914 (Plumas Co.)—Issued to Fred N. Klise and Lewis M. Harrison, Oroville, Calif., June 22, 1937, for 3 cubic feet per second from Scotchman Creek, for mining and domestic purposes. Estimated cost, \$1500.

4956, App. 8896 (Siiskiyou Co.)—Issued to Frank R. Parker, Chico, Cal., June 22, 1937, for 3 cubic feet per second from Grouse Creek, for mining purposes.

4957, App. 8969 (San Benito Co.)—Issued to U. S. Pinnacles National Monument, Pinnacles, Calif., June 23, 1937, for 0.25 cubic foot per second and 120,000 gals. by storage from underground flow of Chalone Creek, for recreational, domestic and fire protection purposes. Estimated cost, \$35,000.

4958, App. 8964 (Plumas Co.)—Issued to Geo. H. Winter and Iva H. Winter of Blairdsen, Calif., June 23, 1937, for 5,000 gals. per day from an unnamed stream, for domestic purposes.

4959, App. 8958 (Trinity Co.)—Issued to Chauncey L. Ammon, Salyer, Calif., June 25, 1937, for 2500 gallons per day from Garden Creek, for domestic purposes. Estimated cost, \$200.

4960, App. 8951 (El Dorado Co.)—Issued to Emma A. Welch, Sacramento, Calif., June 28, 1937, for 20 gallons per day from an unnamed spring, for domestic purposes. Estimated cost, \$250.

**BIDS WANTED**

**SAN FRANCISCO, Calif.**—Until July 28, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19042, for the construction of a maintenance yard for the auxiliary water supply system for fire-protection in Jerrald Avenue between

Barnwell Avenue and Upton Street. PWA job. Estimated cost, \$31,000.

Work involves:

- (1) 6,470 sq. ft. roadway (2-in. asphaltic concrete, 8-in. macadam base);
- (2) 50,000 sq. ft. surfacing storage area (3-in. macadam);
- (3) Track work, complete;
- (4) Fence;
- (5) Buildings, test plant and shed;
- (6) Plumbing and sewers;
- (7) Electrical equipment;
- (8) Removal of drain pipe;
- (9a) 5,000 sq. ft. cleaning and painting exterior surfaces of pipes and specials;
- (9b) 4,000 sq. ft. cleaning interior surfaces of pipes and specials;
- (9c) 60 pipes, cutting and grooving C.I. pipe;
- (10) Reconditioning and installation of machinery;
- (11) Construction of platforms, racks and skids;
- (12) 2,400 tons hauling;
- (13) Loading, unloading and stacking;
- (14) Cleaning up both yards.

Plans and specifications may be obtained from the City Engineer, John J. Casey, Room 351, City Hall, upon the deposit of \$10.

#### CONTRACT AWARDED

SAFFORD, Graham Co., Ariz.—E. K. Ferguson Sons Co., Spanish Fork, Utah, at \$310,143 awarded contract by the Safford city council for the construction of a water supply system on Bonita Creek in the Gila Mountains at a point 18 miles northeast of Safford and a flow line from that point to Safford. Construction is to begin the latter part of this month. Principal items of the project are:

1,645 ft. 12-in. Class A or Class 100 bit, enamel lined cast iron flow line;

42,693 ft. 10-in. do;

64,508 ft. 10-in. Class B or Class 100;

51,660 lbs. specials;

Alternate bids will be taken on coated steel pipe and cement lined cast iron pipe;

One suspension bridge;

Water system at Solomon.

Weiland Engr. Co., Pueblo, Colo., is the consulting engineer.

#### BIDS WANTED

BISHOP, Inyo Co., Cal.—Until Aug. 6, 8 P. M., bids will be received by the Board of Trustees of the Bishop union high school (Ray Booth, President) for one automatic water pump, capable of pumping 4500 gals. per hour, pump to be of suction for lift of less than 25 ft. Pressure tank to be connected with pump, same to be equipped with water glass, pressure gauge, relief valve, and air intake valve. Tank to be of about 500 gals. capacity. Pump and tank to operate up to 50 lbs. pressure.

SACRAMENTO — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of June, 1937:

8984 (Sierra County)—Ruhv Mine, c/o R. F. Taylor, Downieville, Calif., for 5 cfs. from Rock Creek tributary to North Fork Yuba River; to be diverted for mining purposes.

8985 (Placer Co.)—D. M. Ray, Michigan Bluff, Calif., for 25 cfs. from Middle Fork American River; to be diverted for mining purposes.

8986 (Yuba Co.)—Browns Valley Irrigation District, Browns Valley, Calif., for 3 cfs. from Tennessee Creek tributary to Honey Creek; to be diverted for irrigation and domestic purposes.

8987 (Nevada Co.)—Ridge Mines Inc., North San Juan, Calif., for 50 cfs. from Middle Yuba River; to be diverted for mining and domestic purposes.

### COLUSA & GLENN COUNTIES—PAVE—(State)

COLUSA AND GLENN COS., Cal.—Hanrahan Co., Hobart Bldg., San Francisco, at \$199,425.60, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and paving with asphalt concrete about 5.6 mi. between Delevan and Logandale.

The work involves:

- (1) 865 M. gals. water;
- (2) 81,000 c.y. roadway excav. without class;
- (3) 211,000 sta. yds. overhaul;
- (4) 63,000 c.y. imported borrow;
- (5) 2,100 c.y. struc. excav.;
- (6) 4,300 c.y. muck removed;
- (7) 470 c.y. exist. conc. pave. and surf. removed;
- (8) 35 c.y. exist. conc. structa. remove;
- (9) 25,500 sq. yds. preparing subgrade, Location A;
- (10) 42,100 sq. yds. preparing subgrade, Location B;
- (11) 304 sta. finishing roadway;
- (12) 1100 tons asphaltic cement, Gr. D asphalt conc.;
- (13) 12,500 tons mineral aggregate asphalt conc. leveling course;
- (14) 7,500 tons mineral aggregate asphalt conc., Type A surface;
- (15) 61,000 lbs. bar reinf. steel;
- (16) 515 c.y. Class A portland cement conc. structa.;
- (17) 84 lf. 18-in. CMP;
- (18) 118 lf. 24-in. CMP;
- (19) 72 lf. 30-in. CMP;
- (20) 100 lf. exist. pipe culverts removed and relaid;
- (21) 20 lf. exist. pipe culverts removed and salvaged;
- (22) 2 each, headwalls moved and reset;
- (23) 80 lf. guard rail moved and reset;
- (24) 380 lf. guard rail removed and salvaged;
- (25) each, culvert markers;
- (26) 25 each, guide posts moved and reset;
- (27) 30 each, guide posts and culvert markers removed and salvaged;
- (28) 325 ml. new property fences;
- (29) 325 miles exist. fences removed and disposed of;
- (30) 34 each, monuments complete, in place;
- (31) 4 each, drive gates.

Total bids follow:

(A) Hanrahan Co., Hobart Bldg., San Francisco	\$199,425.60
(B) Union Pavement Co., San Francisco	202,666.75
(C) A. Teichert & Son, Sacramento	218,938.75
(D) D. MacDonald, Sacramento	223,962.10
(E) Chas. L. Harney, San Francisco	226,447.25
(F) N. M. Hall & Sons, Berkeley	238,898.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 1.00	\$ 1.00	\$ 1.25	\$ 2.00	\$ 1.00	\$ 1.50
(2)	.17	.28	.397	.38	.35	.48
(3)	.00	.01	.002	.01	.01	.01
(4)	.77	.85	.85	.90	.90	1.00
(5)	1.25	1.50	1.50	2.50	1.50	2.50
(6)	1.00	.75	.60	1.00	.60	1.30
(7)	1.50	3.00	1.75	3.00	2.50	3.00
(8)	5.00	10.00	4.00	7.00	8.00	7.00
(9)	.05	.08	.11	.10	.09	.10
(10)	.05	.07	.08	.10	.09	.10
(11)	8.00	5.00	6.00	6.00	12.00	7.00
(12)	19.00	17.00	20.00	18.00	17.00	17.00
(13)	3.85	3.10	3.51	3.48	3.80	3.45
(14)	4.10	4.00	4.35	3.80	4.00	3.33
(15)	.06	.06	.06	.06	.06	.06
(16)	24.00	25.00	21.50	24.00	25.00	24.50
(17)	2.25	2.00	2.00	2.40	2.00	2.50
(18)	3.25	3.00	3.25	3.00	2.75	3.00
(19)	4.05	4.00	4.00	4.00	3.50	4.00
(20)	.75	.75	.60	1.00	1.00	1.00
(21)	.50	.50	.70	.80	1.00	.80
(22)	10.00	15.00	20.00	10.00	20.00	15.00
(23)	.60	.75	.70	1.00	1.25	.80
(24)	.40	.10	.25	.30	.60	.40
(25)	2.50	2.70	2.75	2.70	3.50	3.00
(26)	1.25	.75	1.50	1.50	3.50	1.00
(27)	.40	.10	.50	.50	1.00	.50
(28)	900.00	1000.00	650.00	800.00	725.00	850.00
(29)	125.00	100.00	100.00	300.00	300.00	300.00
(30)	2.50	2.50	2.50	2.50	3.50	3.00
(31)	20.00	20.00	20.00	24.00	25.00	24.00

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CORNER TURK AND MASON STREETS

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Market 1230





and 20,000 ac. ft. per annum from South Fork of North Yuba River; to be diverted for mining and domestic purposes.

9005 (Orange Co.)—Serrano Irrigation District and the Carpenter Irrigation Co., Calif., for 5000 ac. ft. per annum from Santiago Creek tributary to Santa Ana River; to be diverted in Lot 70 of Irvine Subdivision; for irrigation and domestic purposes; or 29,297 acres. Estimated cost, \$825,000.

9006 (Trinity Co.)—E. E. Emmons, Denny, Calif., for 3 cfs. from Slide Creek tributary to New River; to be diverted for mining purposes. Estimated cost, \$20,000.

9007 (Inyo Co.)—Peter Miller, Trona, Calif., for 0.22 cfs. from a spring tributary to Panamint Valley; to be diverted for mining and domestic purposes. Estimated cost, \$4,000.

9008 (Trinity Co.)—L. M. Kippley and James Lee, Oakland, Calif., for 3 cfs. from Ruppel Creek tributary to Trinity River; to be diverted for power and domestic purposes and to be developed. Estimated cost, \$1260.

9009 (Riverside Co.)—Stuart D. Allen, Palm Springs, Calif., for 2 cfs. from White Water River tributary to Salton Sea; to be diverted for irrigation purposes on 80 acres. Estimated cost, \$1900.

9010 (Siiskiyou Co.)—W. N. Winter, Etna, Calif., for 0.1 cfs. from Music Creek tributary to Russian River; to be diverted for mining and domestic purposes. Estimated cost, \$3,000.

9011 (San Diego Co.)—Division of Highways, Sacramento, Calif., for 5000 gals. per day from a spring tributary to San Rey River; to be diverted for domestic purposes. Estimated cost, \$2000.

9012 (Mendocino Co.)—Harold H. Wonacott, Fort Bragg, Calif., for 10,000 gals. per day from Digger Creek tributary to Pacific Ocean; to be diverted for domestic and recreational purposes. Estimated cost, \$1000.

9013 (Sierra Co.)—Lewis P. Johnson and A. J. Sells, La Porte, Calif., for 19 cfs. from Cedar Grove, Horn, Star and Caledonia Ravines tributary to Slate Creek; to be diverted for mining purposes. Estimated cost, \$12,000.

9014 (Ventura Co.)—U. S. Los Padres National Forest, Santa Barbara, Calif., for 300 gals. per day from an unnamed spring tributary to Lockwood Creek; to be diverted for domestic purposes. Estimated cost, \$200.

9015 (Trinity Co.)—Zack Anderson, Middleton, Calif., for 3 cfs. from Wilz Ravine tributary to Crow Creek and East Fork of Trinity River; to be diverted for power purposes.

9016 (Sierra Co.)—Fred Siml, Sattleville, Calif., for 3 cfs. from North Fork of South Fork of North Fork of Yuba River; to be diverted for power purposes; 10 hp. to be developed. Estimated cost, \$7000.

9017 (Riverside Co.)—Frank A. Tetsov, Jr., Riverside, Calif., for 0.5 cfs. from an unnamed stream tributary to Hazard Creek; to be diverted for irrigation and domestic purposes on 125 acres. Estimated cost, \$4000.

9018 (San Bernardino Co.)—John, Sylvia and Thomas Pratz, Etiwanda, Calif., for 0.25 cfs. from Old Crystal Spring tributary to Morse Desert; to be diverted for mining and domestic purposes. Estimated cost, \$1000.

9019 (El Dorado Co.)—Ernest Ingold, San Francisco, Calif., for 100 gals. per day from a spring tributary to Echo Lake; to be diverted for domestic purposes.

9020 (Amador Co.)—Sierra Mountaintain Water Co., Stockton, Calif., for

LASSEN COUNTY—GRADE & SURFACE—(State)

LASSEN COUNTY, Cal.—Rock & Gravel Trucking Co., Inc., 3330 14th Ave., Oakland, at \$48,209.70, submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road-mix surfacing and constructing multiple arch culverts about 1 1/2 miles between Lake Leavitt and Litchfield.

The work involves:

- (1) 450 M. gals. water;
- (2) 20,550 c.y. roadway excav. without class;
- (3) 205,000 sta. yds. overhaul;
- (4) 21,000 c.y. imported borrow;
- (5) 1,250 c.y. struct. excav.;
- (6) 475 c.y. ditch and channel excavation;
- (7) 13,300 c.y. imported surf. matl.;
- (8) 161 sta. finishing roadway;
- (9) 85 tons liq. asphalt, SC-2 (prime coat);
- (10) 60 tons liq. asphalt, ROMC-3 (road-mix surf.);
- (11) 33 tons liq. asphalt, ROMC-3 (seal coat);
- (12) 250 c.y. sand (seal coat);
- (13) 7,650 lbs. bar. reinf. steel;
- (14) 108 c.y. Class A portland cement concrete struc.;
- (15) 255 c.y. rubble masonry;
- (16) 112 lf. 12-in. CMP;
- (17) 428 lf. 18-in. CMP;

- (18) 204 lf. 24-in. CMP;
- (19) 214 lf. 36-in. CMP;
- (20) 8 lf. 48-in. CMP;
- (21) 185 lf. exist. pipe culverts, removed, cleaned and salvaged;
- (22) 185 lf. 180-in. x 92.7-in. multi-plate arch;
- (23) 46 each, culvert markers;
- (24) 50 each, monuments complete, in place.

The State will furnish CMP, etc.

Total bids follow:

- (A) Rock & Gravel Trucking Co., Inc. 3330 14th St., Oakland, \$48,209.70.
- (B) Harms Bros., Litchfield, \$51,171.90.
- (C) George French, Jr., Stockton, \$51,975.60.
- (D) Fredericksen & Westbrook, Lower Lake, \$53,829.50.
- (E) Hanrahan Co., San Francisco, \$54,815.30.
- (F) Union Paving Co., San Francisco \$55,675.05.
- (G) A. Teichert & Son, Sacramento, \$56,291.40.
- (H) Isbell Const. Co., Reno, \$60,541.90.
- (I) Hemstreet and Bell, Marysville, \$61,380.55.
- (J) D. McDonald, Sacramento, \$68,253.50.
- (K) A. Soda and Son, Oakland, \$73,500.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$1.50	\$1.50	\$1.50	\$1.30	\$1.00	\$1.50	\$1.25	\$1.50	\$1.50	\$2.00	\$1.75
(2)	198	25	25	40	27	25	40	30	40	35	64
(3)	91	00	01	01	01	91	00	01	01	01	01
(4)	357	42	40	44	45	45	55	50	50	50	65
(5)	1.00	2.00	1.25	1.30	1.20	2.00	1.50	1.75	2.50	1.50	1.50
(6)	1.10	1.00	1.00	1.30	.90	1.25	1.00	1.00	.75	1.50	1.50
(7)	.90	.50	.70	.60	.90	1.75	.66	.95	.75	1.30	.90
(8)	5.00	6.00	6.25	6.00	6.00	7.50	6.00	5.00	5.50	8.00	7.00
(9)	20.00	19.00	18.00	19.00	20.00	20.00	20.00	20.00	20.00	20.00	25.00
(10)	25.00	27.00	23.00	21.00	26.00	25.00	27.50	25.00	40.00	30.00	27.00
(11)	25.00	27.00	27.00	25.00	26.00	25.00	28.00	25.00	25.00	25.25	30.00
(12)	2.00	2.00	2.00	2.50	2.00	2.50	1.90	3.00	3.00	4.00	4.00
(13)	.06	.08	.08	.08	.07	1.00	.065	.07	.08	.07	.08
(14)	25.00	35.00	30.00	31.00	20.00	25.00	28.00	36.00	40.00	27.00	30.00
(15)	8.00	20.00	18.00	15.00	16.00	18.00	17.50	22.50	17.00	20.00	18.00
(16)	.40	.40	.50	.50	.30	.25	.35	.50	.30	.50	1.50
(17)	.50	.60	.60	.50	.35	.25	.40	.60	.40	.70	1.50
(18)	1.00	.70	.70	.50	.50	.35	.50	.70	.50	.80	2.00
(19)	1.50	1.00	1.00	.50	.65	.45	.70	1.60	.75	1.00	3.00
(20)	2.00	2.00	2.00	1.00	2.00	2.00	2.00	1.25	2.00	5.00	5.00
(21)	1.00	1.00	1.00	.50	.60	.50	1.00	1.00	.75	1.00	2.00
(22)	36.50	40.00	45.00	45.00	42.50	45.00	41.00	40.00	40.00	40.00	50.00
(23)	1.00	3.00	3.00	3.00	2.50	2.00	2.75	3.50	3.00	3.00	4.00
(24)	2.00	3.00	3.00	3.00	2.50	2.50	2.50	3.00	3.00	4.00	4.00

SAN FRANCISCO—Sunset Reservoir Lining, Etc.—(City)

SAN FRANCISCO—MacDonald & Kahn, Financial Center Building, at \$793,297, submitted low bid to Public Works Commission, Room 2825 City Hall, under Spec. No. W.D. 120, for the construction of concrete lining, roof and control works for Sunset Reservoir.

Under the contract, the contractor shall construct the concrete lining, roof and control works for Sunset Reservoir which is located approximately in the area bounded by Ortega Street, Pacheco Street, 24th Ave. and 28th Ave. The contract does not include the excavation of the basin or construction of the embankment which were completed under a separate contract.

The work will include refilling erosion channels in the existing inner slopes, trimming the inner slopes and reservoir crest, preparing the bottom surface of the basin, excavating for column footings and for struts connecting certain column footings, excavating for concrete slabs at the toe of slope and in the valley-lines at the corners of the slopes; con-

structing copper water stops; placing the concrete lining; constructing the concrete roof, gate tower, lower-conduit, extension, spillway conduit, junction and valve boxes; furnishing and installing slide gates and special castings in the tower; furnishing and installing a traveling water screen complete with electrical equipment; furnishing and installing welded steel pipe and concrete pipe with certain appurtenances; installing certain valves, piping and fittings furnished by the City; constructing concrete sidewalks and curbs; constructing chain-link fence and a triangular mesh fence on Redwood posts; and doing certain road grading and other work.

The work involves:

- (1) 300 tamper-hours, refilling erosion channels;
- (2) 29,000 sq. yds. trimming inner slopes and crest;
- (3) Lump sum, preparation of reservoir bottom;
- (4) 3,200 c.y. structure excavation in earth;

- (5) 500 c.y. structure excav. in rock;
- (6) 12,870 c.y. concrete in reservoir lining, column footings, coping and roof gutter, and spillway;
- (7) 3,200 c.y. concrete in columns, gate tower and tower-conduit extension, spillway conduit, junction and valve boxes;
- (8) 10,200 c.y. concrete in roof slab, joists and girders;
- (9) 400 bbls. extra cement;
- (10) 3,900,000 lbs. furnishing and placing steel reinf. bars;
- (11) 58,000 sq. yds. furnishing and placing 4x4-in. x No. 6 x No. 6 welded wire fabric;
- (12) 600 sq. yds. furnishing and placing 4x16-in. x No. 6 x No. 10 welded wire fabric;
- (13) 5,000 lbs. furnishing and placing copper water stops;
- (14) 320 sq. ft. furnishing and placing asbestos sheet packing;
- (15) Lump sum, furnishing and installing slide gate;
- (16) Lump sum, furnishing and installing traveling water screen and electrical equipment;
- (17) 25,000 lbs. furnishing and installing cast steel fittings;
- (18) 7,500 lbs. furnishing and installing cast iron fittings and flanged cast iron pipe;
- (19) 13,500 lbs. furnishing and installing pipe handrails and wrought steel pipe;
- (20) 74,000 lbs. furnishing and installing structural steel shapes and plates;
- (21) 2,000 lbs. furnishing and installing miscellaneous metal work;
- (22) 39,000 lbs. installing gate valves furnished by the City;
- (23) 97,000 lbs. installing cast iron bell and spigot pipe and miscellaneous metal work furnished by the City;
- (24) 1,050 lf. furnishing and laying 54-in. diam. welded steel pipe of 3/4-in. plate;
- (25) 900 lf. furnishing and laying 60-in. diam. welded steel pipe of 3/4-in. plate;
- (26) 10 each, furnishing and installing beveled courses for curved

- sections in 54-in. x 3/4-in. welded steel pipe;
- (27) 15 each, furnishing and installing beveled courses for curved sections in 60-in. x 3/4-in. welded steel pipe;
- (28) 17,700 lbs. furnishing and installing steel pipe specials;
- (29) 1 each, furnishing and installing flexible couplings for 54-in. x 3/4-in. welded steel pipe;
- (30) 1 each, furnishing and installing flexible couplings for 50-in. x 3/4-in. welded steel pipe;
- (31) 60,000 sq.ft. applying bituminous enamel protective coating and lining to steel pipe;
- (32) 24,000 sq. ft. applying felt wrapping on steel pipe;
- (33) 7,700 c.y. excav. and backfill for pipe trenches in earth;
- (34) 500 c.y. excavation and backfill for pipe trenches in rock;
- (35) 12,000 sq. ft. repavement;
- (36) 890 lf. furnishing and laying 24-in. diam. reinf. concr. pipe;
- (37) Lump sum, furnishing and installing roof screens;
- (38) 10,000 sq. ft. constructing concrete sidewalks;
- (39) 210 lf. constructing armored concrete curbs;
- (40) Lump sum, furnishing and installing chain-link fence;
- (41) Lump sum, furnishing and installing triangular-mesh fence on redwood posts;
- (42) 800 c.y. road grading;
- (43) 200 c.y. repairing outer slopes of embankment;
- (44) 43,500 lf. sealing construction joints.

Total bids follow:  
 (A) MacDonald & Kahn Co., Ltd., Financial Center Bldg., San Francisco, \$793,297.  
 (B) Chas. L. Harney, San Francisco, \$793,297.  
 (C) B. G. Clifford, \$801,569.30.  
 (D) Eaton & Smith, \$809,193.60.  
 (E) Clinton Const. Co., \$811,684.40.  
 (F) Barrett & Hilp, \$824,640.00.  
 (G) Guy F. Atkinson Co., \$838,681.00.  
 (H) K. E. Parker Co., \$990,604.00.  
 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$ 3.50	\$ 6.75	\$ 3.19	\$ 4.10	\$ 6.00	\$ 6.00	\$ 4.00	\$ 5.52
(2).....	.50	.42	.48	.35	1.00	.80	.60	.672
(3).....	11502.00	7700.00	8520.00	7400.00	13000.00	8000.00	10307.00	12300.00
(4).....	3.00	2.00	2.30	2.75	3.00	3.00	3.00	5.57
(5).....	5.00	3.00	4.80	3.00	5.00	5.00	3.00	10.00
(6).....	9.70	12.40	10.50	11.40	11.00	11.00	12.00	12.56
(7).....	17.50	18.75	20.25	19.50	19.00	20.00	21.00	21.84
(8).....	23.80	20.50	22.00	21.90	22.80	24.00	28.00	31.74
(9).....	2.00	2.02	2.20	2.50	2.50	2.50	2.00	2.00
(10).....	.05	.04905	.0493	.054	.048	.05	.0425	.0469
(11).....	.60	.52	.572	.60	.56	.50	.55	.534
(12).....	.30	.24	.26	.28	.27	.25	.30	.258
(13).....	.70	.73	.53	.46	.56	.50	.65	.75
(14).....	1.25	.50	.50	.38	.80	1.00	.50	1.00
(15).....	7000.00	10000.00	8200.00	8450.00	7600.00	7000.00	8500.00	9500.00
(16).....	7600.00	9000.00	8700.00	7700.00	8400.00	9000.00	7500.00	7600.00
(17).....	.24	.25	.33	.26	.22	.25	.27	.252
(18).....	.10	.15	.15	.16	.18	.14	.15	.182
(19).....	.10	.23	.24	.25	.18	.25	.25	.265
(20).....	.145	.14	.15	.12	.14	.16	.20	.56
(21).....	.57	.35	.22	.59	.60	.20	.50	.56
(22).....	.03	.03	.04	.035	.02	.025	.03	.045
(23).....	.02	.03	.04	.025	.02	.03	.03	.04
(24).....	13.00	17.00	17.48	15.00	16.00	15.00	15.50	15.75
(25).....	14.00	18.25	20.35	16.00	17.50	16.00	18.00	17.50
(26).....	30.00	100.00	75.22	69.00	110.00	125.00	85.00	91.50
(27).....	35.00	100.00	91.50	76.00	117.00	130.00	70.00	101.00
(28).....	.10	.20	.16	.19	.16	.20	.20	.25
(29).....	90.00	100.00	110.00	141.00	127.00	125.00	90.00	100.00
(30).....	100.00	100.00	119.00	170.00	135.00	135.00	100.00	120.00
(31).....	.08	.10	.10	.08	.087	.08	.10	.075
(32).....	.05	.06	.06	.05	.048	.05	.05	.045
(33).....	1.60	2.30	1.27	2.30	2.70	2.00	3.00	3.10
(34).....	6.00	5.50	1.92	3.50	4.5	5.00	3.00	5.00
(35).....	.35	.26	.48	.20	.30	.25	.30	.27
(36).....	5.40	5.40	4.74	4.44	5.30	5.00	5.50	4.75
(37).....	3000.00	2000.00	3133.00	1450.00	3750.00	3000.00	2639.00	4211.00
(38).....	.25	.15	.16	.14	.18	1.00	1.00	1.00
(39).....	1.50	1.00	.70	.64	1.00	1.00	1.00	1.00
(40).....	2800.00	3000.00	2700.00	2750.00	2650.00	2500.00	2500.00	2500.00
(41).....	300.00	400.00	178.00	181.00	300.00	200.00	200.00	166.00
(42).....	1.75	.50	.60	.47	.50	.50	1.00	1.56
(43).....	5.00	2.75	.70	2.92	1.50	5.00	3.60	2.78
(44).....	.06	.23	.10	.06	.115	.10	.07	.167

390,000 ac. ft. per annum from Cossumes River; to be diverted for power purposes; 13,840 hp. to be developed.

9021 (Amador Co.)—Sierra Mountain Water Co., Stockton, Calif., for 390,000 ac. ft. per annum from Cossumes River; to be diverted for municipal purposes, City of Stockton.

9022 (Sierra Co.)—Tahoe National Forest, Nevada, City, Calif., for 625 c.f.s. from tributary of Slag Canyon tributary to North Fork of Yuba River; to be diverted for domestic purposes. Estimated cost, \$2000.

9023 (Fresno Co.)—W. F. Fisher, Hermosa Beach, Calif., for 10 c.f.s. and 10 ac. ft. per annum from Cascade Creek; to be diverted for mining and domestic purposes. Estimated cost, \$5000.

9024 (Plumas Co.)—Gerald R. Simpson, Quincy, Calif., for 25 c.f.s. from an abandoned mine shaft tributary to Little Black Hawk Creek; to be diverted for mining and domestic purposes. Estimated cost, \$1500.

9025 (Mono Co.)—M. Zuckerman, Inc., Stockton, Calif., for 1500 gals. per day from Rock Creek tributary to Owens River; to be diverted for domestic purposes.

9026 (El Dorado Co.)—John Morrill and James Hilgrove, Berkeley, Calif., for 200 c.f.s. from an unnamed stream tributary to South Fork American River; to be diverted for domestic purposes.

9027 (Mendocino Co.)—A. L. Rigby, Oakland, Calif., for 7200 gals. per day from an unnamed gulch tributary to Pacific Ocean; to be diverted for irrigation and domestic purposes on 10 acres. Estimated cost, \$150.

### 34— PARKS AND PLAY GROUNDS

**CONTRACT AWARDED**  
 MADERA, Calif.—California Nursery Co., Niles, at \$830, awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Madera.

**BIDS WANTED**  
 UKIAH, Mendocino Co., Calif.—Until August 5, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Ukiah.

**CONTRACT AWARDED**  
 MONTEBELLO, Los Angeles, Calif.—L. B. Herrick Nurseries, 641 South Frazier Ave., Whittier, at \$855 awarded contract by the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Montebello.

**CONTRACT AWARDED**  
 SAN JOAQUIN Co., Calif.—Kam-lan Fence Co., 351 Bryant St., San Francisco, at \$3380, was awarded contract by Eugene D. Graham, Co. Clerk, San Joaquin County Courthouse, Stockton, for construction of a chain link fence to be installed at San Joaquin County Fair Grounds, Stockton. Estimated cost, \$3,700.

Complete bids follow:  
 Kam-lan Fence Co., 351 Bryant St., S. F. 53,350.00  
 Standard Fence Co., S. F. 3,561.25  
 Kyle Co., Fresno 3,687.00  
 Anchor Post Fence Co., S. F. 4,100.00

**CONTRACT AWARDED**  
 SANTA CLARA, Calif.—A. J. Peters & Son, 183 Washington St., San Jose, at \$1082, awarded contract by the Procurement Division, Washington, D. C., for a lawn sprinkler system at the U. S. Post Office at Santa Clara.

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

July 20, 3 P. M.  
 BID NO. 1105-38-6—Misc. hardware; f.o.b. Rio Vista.  
 BID NO. 1105-38-4—Cable, globes and wire; f.o.b. Rio Vista.  
 Specifications obtainable from the above office.

FORT MASON, Calif.—Until July 21, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-5, for furnishing miscellaneous lumber, welded chain, packing, life buoys, life preservers, fire extinguisher charges and boat hooks; f.o.b. Fort Mason.  
 Specifications obtainable from the above office.

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing miscellaneous supplies and materials, as follows:

July 20, 3 P. M.  
 SPEC. NO. 1105-38-7—Washings, nipples, plugs and similar supplies; f.o.b. Rio Vista.  
 SPEC. NO. 1105-38-3—Mild steel and angle bar; f.o.b. Rio Vista.  
 Specifications obtainable from the above office.

FORT MASON, Calif.—Until July 23, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Spec. No. 928-38-7, for furnishing hoist chain, battery tester, hydraulic press, brake lining machine, electric drill, thickness gage, and other equipment and material; f.o.b. Fort Mason.  
 Specifications obtainable from the above office.

PORTLAND, Oregon—Until August 10, 3 p. m., bids will be received by U. S. Engineer's Office, District Engineer, 306 Custom House, Portland, Ore., under Bid No. 698-38-7, for drydocking and repairing and painting the seagoing hopper dredge, "Clatsop."  
 Specifications from above office.

BONNEVILLE, Oregon—Until August 6 3 p. m., bids will be received by the District Engineer, U. S. Engineer's Office, Bonneville, Oregon, for steel trash racks, gates, stop logs, lifting beams, dogging devices and storage hooks for the powerhouse at Bonneville Dam; f.o.b. shipping point and/or Bonneville.  
 Work involves:

### SCHEDULE I

- 70 Main unit trash rack intermediate sections;
- 6 Main unit trash rack bottom sections;
- 4 Station service unit trash rack intermediate sections;
- 1 Station service unit trash rack bottom section;
- 1 Station service unit trash rack top section.

### SCHEDULE II

- 7 Trash sluice weir gates;
- 21 Trash sluice weir stop logs;
- 18 Dogging devices for gates;
- 14 Stop log storage hoods;
- 1 Station service trash gate;
- 1 Trash sluice control gate;
- 1 Trash rack lifting beam;
- 1 Trash sluice lifting beam.

Plans and specifications may be obtained from above office.

SACRAMENTO, Calif.—Until July 22, 3 p. m., bids will be received by U. S. Engineer's Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-8, for furnishing Douglas Fir lumber of various lengths; f.o.b. Lovdal, Calif.  
 Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until July 23 P. M., bids will be received by the U. S. Engineer's Office, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-38-0 for furnishing about 1000 tons of riprap stone for wing dams.  
 Plans and specifications may be obtained from the above office.

FORT MASON, Calif.—Until July 27, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-10, for furnishing shower heads, lanterns, water lights, twist drills and misc. hardware; f.o.b. Fort Mason.  
 Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES, Calif.—Until July 20, 2 p. m., bids will be received by Los Angeles Water & Power Purchasing Agent, for (1) 7 35,000-volt indoor type cable terminals for 3 750,000 C M conductors, (2) 33 same outdoor type for three 750,000 C M conductors; Spec. 2350.

LOS ANGELES, Cal.—Until July 23, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agent, for disconnecting switches, Spec. 2351.

Work involves:

- (1) 2 groups 345 kv 600 amp. outdoor type; (1-alt.) same except without insulators;
- (2) all necessary grounding switches, etc.

LOS ANGELES, Calif.—Until July 22, 11:00 a. m., bids will be received by Los Angeles city purchasing agent for two 5-ton, 2-holst, heavy duty traveling electric cranes; also 50-lb. rails to be installed and 30-lb. rails to be removed on runways; Spec. No. 3659

## MET. WATER DISTRICT

LOS ANGELES, Calif.—Until July 26, 3 p. m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for: (1) Sch 1 (1) one 16-in cast steel flanged gate valve; (2) 9 12-in std flgd gate valves; (3) 4 10-in same; (4) one 8-in same; (5) 2 8-in 175-lb C I medium body flgd gate valves; (6) 8 8-in std flgd gate valves; (7) 6 4-in same; (8) 3 2 1/2-in same; (9) 2 12-in std flgd check valves; (10) 4 10-in same; (11) one 6-in same; (12) 3 4-in same, for Intake Pumping Plant, Subst 2; (1) 2 16-in gate valves; (2) and (3) floor stands; (4) 6 12-in gate valves; (5) (6) and (7) floor stands;

- (8) 4 10-in gate valves; (9) 8 12-in same; (10) one 8-in same; (11) 13 6-in same; (12) 3 4-in same; (13) one 3-in same; (14) 3 2 1/2-in same; (15) 3 4-in same; (16) 2 12-in swing check valves; (17) 4 10-in same; (18) 3 4-in same, for Gene Pumping Plant; all f.o.b. Los Angeles.

LOS ANGELES, Calif.—Until July 21, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for pipe fittings, ring gaskets, machine bolts, stud bolts, for Intake, Gene, Eagle Mt. and Hayfield pumping plant; f.o.b. Los Angeles.

LOS ANGELES, Cal.—Until Aug. 3, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent for furnishing his fittings and sub-station racks for the pumping plants under Bid No. 85,865.

## CANAL ZONE

PANAMA CANAL ZONE.—Until July 30, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3271, for furnishing 29,000 bbls of Portland cement in lots of 5,000 bbls.  
 Specifications obtainable from the above office.

PANAMA CANAL ZONE.—Until July 28, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3269, for furnishing metalizer gun and accessories; gasoline pump; sanitary fixtures; pipe fittings; metal valves; throttle valve; bibb cocks; lavatory faucets; steam-hose couplings, etc.  
 Specifications obtainable from the above office.

PANAMA CANAL ZONE.—Until July 28, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Spec. No. 3272, for furnishing steel forms for reinforced concrete columns and beams.  
 Specifications obtainable from the above office.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Hawkins, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

July 20, 2 P. M.  
 BID NO. 5007—84 doz. 2-qt. canteens; Spokan, Wash.  
 BID NO. 4973—500 document transfer boxes; f.o.b. Government Island.  
 BID NO. 4976—2 rolls tracing cloth; f.o.b. Missoula, Mont.  
 July 25, 2 P. M.  
 BID NO. 4975—500 ranger's canvas carrying cases; f.o.b. Government Island.  
 Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Hawkins, Supply Officer, Government Island, Oakland, for furnishing supplies and materials, as follows:

July 20, 2 P. M.  
 BID NO. 5002—Manila rope; cotton

rope, etc.; f.o.h. Government Island.  
 BID NO. 5003—1000 lbs. wiping cloths, white cotton; f.o.b. Government Island.  
 BID NO. 5005—2000 valve caps—tire—Schrader's Sons; f.o.b. Government Island.  
 BID NO. 5009—300 dozen hacksaw blades; 12 doz. claw hammers; six dozen claw hatchets; f.o.b. Government Island.  
 BID NO. 5000—50 linemen's tool belts and equipment; f.o.b. Government Island.  
 BID NO. 5004—200 doz. generators for gasoline lanterns; f.o.b. Government Island.

July 21, 2 P. M.

BID NO. 4987—13 planimeters, Polar, German silver; f.o.b. Government Island.  
 BID NO. 4986—500 semicircular celluloid protractor, 6-in., divisions to 1/2 degree; f.o.b. Government Island.  
 BID NO. 4984—500 each. padlocks; f.o. b. Government Island.  
 BID NO. 4980—36 dozen typewriter screwdrivers; f.o.b. Government Island.  
 BID NO. 4983—100 furnishing materials and eating branding irons with handles; f.o.b. Government Island.  
 BID NO. 4982—36 increment borers; f.o.b. Government Island.  
 July 23, 2 P. M.  
 BID NO. 4981—100 boxes steel tape repair sleeves; f.o.b. Government Island.

Specifications obtainable from the above office.

**DIRECTORS OF STATE INSTITUTIONS, PHOENIX**

Until July 21, 10:30 a.m., bids will be received by the Directors of State Institutions, Phoenix, for one water softener to be delivered to the state prison; best offer for \$2934 or less. Compensated hardness of water is approximately 38.9 Spec. must accompany bid.

**TREASURY DEPARTMENT**

SAN FRANCISCO.—Until July 20, 10 a.m., bids will be received by the U. S. Treasury Department, Procurement Office, Room 514, 49 Fourth St., San Francisco, under Bid No. 4273, for rental of one only 40 to 50-hp. crawler type diesel-powered tractor equipped with angle dozer attachment for use on the Soquel-San Jose road project about 6 miles north of Soquel, Santa Cruz County.

**NAVY DEPARTMENT**

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:  
 SCH. 1163—Cord and wire, for Mare Island; July 20.  
 SCH. 1164—Lacquer and thinner for eastern and western yards; July 20th.  
 SCH. 1150—Ball bearings for Mare Island; July 20.  
 SCH. 1160—Chain, for eastern and western yards; July 20.  
 SCH. 1152—Wire cloth, for eastern and western yards; July 20.  
 SCH. 1179—Four fire engines, for Mare Island; July 20.  
 SCH. 1166—Electric cables, for eastern and western yards; July 20.  
 SCH. 1187—5,500 lbs. aluminum for Mare Island; July 20.  
 SCH. 1182—2,000 refills, filter cart-ridges for Mare Island; July 20.  
 SCH. 1151—Cans, cement, paints, etc.,

for eastern and western yards; July 20.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:  
 SCH. 1181—Motor-driven screw cutting bench lathe, for eastern and western yards; July 20th.

SCH. 1184—Electric Cable, for Mare Island; July 20th.  
 SCH. 1175—Centrifugal type ventilation equipment, for eastern and western yards; July 20th.

SCH. 1190—Welding elbows, steel, for Mare Island; July 23.

SCH. 1176—Solderless connectors, cable, electric, for Mare Island; July 20th.

SCH. 1178—Motor-driven hydraulic pump, for eastern and western yards; July 20th.

SCH. 1177—Motor-driven high-pressure hydraulic pump, for Puget Sound; July 20th.

SCH. 1155—Cloth, abrasive, and crocus; paper, flint; garnet; for eastern and western yards; July 20th.

SCH. 1148—Nails, tacks and spikes, for eastern and western yards; July 20th.

SCH. 1170—Hinges, for eastern and western yards; July 20th.

SCH. 1185—57 sheet steel boxes, 570 galv. sheet steel cans, for Mare Island; July 23.

SCH. 1189—918 storage batteries, for Mare Island; July 23.

SCH. 1201—65,800 lbs. steel forgings, for Mare Island; July 20th.

SCH. 1210—Steel and iron, sheet (gasket material), for eastern and western yards; July 27th.

SCH. 1168—Locks and latches, for eastern and western yards; July 20th.

SCH. 1183—Pins, Cotter, escutcheon and taper, for eastern and western yards; July 20th.

SCH. 1191—1,600 lbs. calcium phosphide, for eastern and western yards; July 23.

SCH. 1203—Motor trucks, for eastern and western yards; July 20th.

SCH. 1197—Electric cable for Mare Island; July 27th.

SCH. 1200—End mills and milling cutters, for Mare Island; July 30th.

SCH. 1209—Switches, circuit breakers, transformers, resistors, relays, lights, etc., for eastern and western yards; July 27th.

SCH. 1199—Hand and leg irons, for eastern and western yards; July 30th.

PEARL HARBOR MOORING (Govt)

PEARL HARBOR, T. H.—The following bids were submitted to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8436, for the construction of reinforced concrete moorings at the 14th Naval District, Pearl Harbor, T. H. Estimated cost, \$275,000. The fleet moorings are to be reinforced concrete platforms consisting of retaining walls, beams, bottom slabs, manholes and mooring fittings. Each platform, Type D, will be supported by a precast reinforced concrete fender on wood piles. The work also includes dredging and excavation for the installation of the fenders, filling the bells of the fenders with concrete filling, and the remainder of the fenders and platform with sand or other suitable material; provision of macadam surfacing, fender system, and manhole fittings.

Alternate bids will be received for the Type "E" platform supported by composite precast reinforced con-

crete and wood piles with sand or sand and coral fill blanket placed on areas on which composite piles for four of the manholes are to be driven. (A fender for the purposes of these specifications is a shell composed of a bottom section called a "bell" consisting of a hollow fender and a hollow truncated cone, and a top section called a "shaft," consisting of a hollow truncated cone and a diaphragm at the junction of the top and bottom sections.)

Total bids follow:

(A) Hawaiian Dredging Co., Ltd., Honolulu, T. H.—(Item 1) \$197,050; (Item 2) \$238,100; (Item 3) \$277,150; (Items 4, 5 & 6) no bid.

(B) George Hess, Los Angeles, Cal.—(1) \$209,344; (2) \$261,346; (3) \$313,000; (4) \$194,620; (5) \$243,000; (6) \$291,875.

(C) James W. Glover, Honolulu, T. H.—(1) \$400,000; (2) \$450,000; (3) \$500,000; (4) \$214,000; (5) \$260,000; (6) \$300,000.

Items 1, 2 and 3 involve Type "D" and Items 4, 5 and 6 involve Type "E" construction, as described above.

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### **Bids For Nevada Grading Called by Bureau**

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*Bids August 11, on Two State Contracts*

♦ ♦ ♦ ♦

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SAN FRANCISCO, CALIF., JULY 24, 1937

No. 27

## BUREAU INVITES PROPOSALS FOR NEVADA GRADING

### Bids August 10 on Owyhee River National Forest Project

District Engineer C. H. Sweetser of the United States Bureau of Public Roads this week issued a call for bids for grading Section C of Route 18, the Owyhee River National Forest Highway in Elko County, Nevada, a distance of approximately 2.578 miles.

Bids will be opened at the Federal Office Building, San Francisco, August 10.

Principle items include: 14 acres clearing and grubbing; 54,300 cu. yds. unclassified excavation; 600 cubic yards unclassified excavation for structures; 125 cubic yards Class "A" concrete; 10,300 pounds reinforcing steel; 926 lineal feet corrugated galvanized sheet metal pipe, and 27,400 lineal feet barbed wire fence.

Plans and specifications may be obtained from the office of District Engineer C. H. Sweetser upon deposit of \$10.00.

### Two Other Projects

Two other Bureau of Public Roads jobs are out for bids. Both are located in Shasta County and both will be opened July 27.

The first is for grading 5.133 mi. of Section J of Route 77, the Mt. Shasta - Mt. Lassen National Forest Highway. Principle items are: 33.5 acres grubbing and clearing; 142,100 cubic yards unclassified excavation; 28,260 pounds reinforcing steel; 15,000 cubic yards unclassified excavation for borrow, and 1,878 lineal feet corrugated galvanized sheet metal pipe.

The other contract calls for construction of Lake Britton Bridge on Section J, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway. Approximately 170,000 pounds of reinforcing steel and 942,000 pounds of structural steel are involved.

Both jobs are listed as costing approximately \$250,000 in the aggregate, in the California Forest Highway program.

### WILL INVITE NEW WAREHOUSE BIDS

Bids for construction of a warehouse addition to the plant of the Dreamland Bedding Co. at 534 Bayshore boulevard, San Francisco, were rejected yesterday, the owner announced. Revisions will be made in the plans and new bids asked shortly, it was stated.

The building is to be a two-story structure, 100 by 100 feet in size. Plans are by Architect Geo. M. Cantrell, with H. P. Hoyt as structural engineer.

## Sarver & Zoss Bid Burbank Post Office

WASHINGTON, D. C., July 20.—Sarver & Zoss, Inc., 1015 West Fourth Street, Los Angeles, today submitted low bid to the Treasury Department here for construction of the U. S. Post Office in Burbank, Calif. Amount of the low proposal was \$127,300.

Second lowest bidder for the Burbank post office was Robert E. McKee, Los Angeles, who figured the contract at \$130,800.

Plans for the Burbank structure, as for most federal buildings, were prepared under direction of the Treasury Department supervising architect. Bids received today were held under advisement.

### WESTINGHOUSE OPENS PLANNING INSTITUTE

Pittsburgh has been selected as the location of Westinghouse Electric and Manufacturing Company's first complete kitchen and laundry planning institute, which will be maintained as a service center for problems pertaining to the planning of efficient workrooms in homes and apartments.

The institute will be located on the first floor of Boggs & Buhl's department store and will serve as a working exhibit of the modern engineered kitchen and its companion workroom in the home, the laundry, company executives say.

## BIDS AUGUST 11 ON TWO STATE HIGHWAY JOBS

### Commission Advertises Work in Kern, San Luis Obispo, Santa Barbara

SACRAMENTO, July 20.—Bids on two state highway projects were invited today by the State Highway Commission. Proposals on both contracts will be opened in Sacramento August 11, it was announced.

The jobs are located in Kern county and in San Luis Obispo and Santa Barbara counties.

The Kern county project is about nine-tenths of a mile in length and involves grading and plant-mixed surfacing. Work will be located through the town of Mojave.

### Bidding Items

Principal bidding items are: 6-100 cubic yards unclassified roadway excavation; 9,000 cubic yards imported subgrade material; 30 tons liquid asphalt type SC-2 in prime coat and as detour surfacing; 3550 tons mineral aggregate plant-mix surfacing; 224 tons liquid asphalt MC-3 or MC-4 plant-mix surfacing; 8450 square yards asphaltic paint binder; 1900 square yards preparing, mixing and shaping detour material; and others.

The other project authorized for advertising today is located between Las Cruces and Lompoc and between Lompoc and Santa Ynez in San Luis Obispo and Santa Barbara counties. It is about 18.5 miles in length.

Bidding items include 34,000 sq. yds. asphaltic paint binder; 132 tons asphalt surfacing; 2500 tons mineral aggregate in surfacing; 200 tons seal coat; and 2350 tons screenings in seal coat.

### POSTPONE MEETING DATE

Next regular meeting of the Sa. Francisco Architectural Club will be held in the club headquarters Wednesday evening, July 14, it is announced.

# PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY			ALTERATIONS		ALTERATIONS		
No. Owner	Contractor	Amt.	(274) 405 MONTGOMERY. Alter office.	Owner—Calif. Montgomery Corp., Prem.		(285) E POWELL 140 S Ellis. Alter store.	
268 Emporium	Astlund	2000	Architect—Not Given.	\$5000		Owner—Frank Werner Co., 874 Market Street.	
269 Foss	Smith	15000				Contractor—Mullen Mfg. Co., 60 Rausch Street.	
270 Russ Bldg.	Fink	10000				Architect—Not Given.	
271 Johnson	Mullen	1400	FLATS			(287) 874 MARKET Street. Alter store.	
272 Judson	Johnson	12500	(275) NE MORAGA AND GREAT HIGHWAY. One-story frame flats.	Owner—J. M. Cambridge, c/o Contractor.		Owner—Frank Werner Co., 874 Market Street.	
273 Marvedel	Owner	8000		Contractor—Edward Cornblum, 2204 47th Ave.		Contractor—Mullen Mfg. Co., 60 Rausch Street.	
274 Calif. Mont.	Owner	5000		Architect—Not Given.		Architect—Not Given.	
275 Cambridge	Cornblum	3500	APARTMENTS			(289) W 34th AVE. 175 N Santiago. One - story and basement frame dwelling.	
276 Cassou	Owner	10000	(276) N. CARL, 30 E WILLARD. Two-story and basement frame apartments.	Owner—C. Cassou, 3819 19th St.		Owner and Builder—A. & D. Realty Co., 954 Irving Street.	
277 Compton	O'Neill	2000	Architect—Fabre & Hildebrand, 110 Sutter St.	\$10,000		Architect—Not Given.	
278 Loutzenheiser	Hansell	1000	ALTERATIONS			(289) W 34th AVE. 100 N Santiago. One - story and basement frame dwelling.	
279 McKale's	Michel	2000	(277) 45 POWELL ST. Alter restaurant.	Owner—Gene Compton, Prem.		Owner and Builder—A. & D. Realty Co., 954 Irving Street.	
280 McKale's	Michel	5000	Contractor—Daniel O'Neill, 273 Minna St.			Architect—Not Given.	
281 Welsh	Owner	2500	Architect—Not Given.	\$2000	DWELLING		
282-S Barbee	Owner	3800	ALTERATIONS			(290) W 34th AVE. 150 N Santiago. One - story and basement frame dwelling.	
284 Curtaz	Mullen	1800	(278) 8 16TH AVE. Alter dwelling.	Owner—John J. Loutzenheiser, Premises.		Owner and Builder—A. & D. Realty Co., 954 Irving Street.	
285 Reis	Mullen	4000	Contractor—Geo. H. Hansell, 1834 Geary St.			Architect—Not Given.	
286 Werner	Mullen	4000	Architect—Farr & Ward, 68 Sutter St.	\$1000	DWELLING		
287 Werner	Mullen	1800	ALTERATIONS			(291) W 34th AVE. 125 N Santiago. One - story and basement frame dwelling.	
288-91 A. & D.	Owner	4000	(279) NW 6TH AND BRYANT. 1-story steel service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		Owner and Builder—A. & D. Realty Co., 954 Irving Street.	
292 Fassold	Dahlstrom	1800	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison St.			Architect—Not Given.	
293 Galena	Owner	3000	Architect—Not Given.	\$2000	DWELLING		
294 Horn	Carlson	1900	SERVICE STATION			(292) N BOSWORTH 75 E Hamilton. One - story and basement frame dwelling.	
295-300 Lieberman	Owner	5000	(280) NW 6TH AND BRYANT STS. Service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		Owner—Isabelle Fassold, c/o contractor.	
301-04 Lindsay	Owner	3000	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.			Contractor—Gus Dahlstrom, 160 Castro Street.	
305-08 Lindsay	Owner	3500	Architect—Not Given.	\$5000	Architect—B. K. Dobkowitz, 425 Monterey Blvd.		
309 Lyons	Granfield	2000	ALTERATIONS			(293) W 34th AVE. 200 N Santiago. One - story and basement frame dwelling.	
310 Rose	Owner	4500	(281) S 17TH, 100 E CHURCH ST. Alter apts.	Owner—J. J. Welsh, 3681 17th St.		Owner and Builder—C. J. Galena, 3319 Fillmore Street.	
311 Shiozaki	Hande	1900	Architect—Not Given.	\$2500	Architect—B. K. Dobkowitz, 425 Monterey Blvd.		
312 Temple Sherith	Liebman	2000	DWELLING			(294) 124 AVALON. Alter dwelling.	
313 Zella	Owner	1500	(282) N BOSWORTH 50 E Diamond. One - story and basement frame dwelling.	Owner and Builder—H. Barbee, 225 College Avenue.		Owner—J. Horn, 124 Avalon.	
314 De Natale	Owner	1000	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.			Contractor—Carlen Construction Co., 147 Tenth St.	
315 Mendo	Janssen	4000	Architect—Not Given.	\$5000	Architect—Not Given.		
316 Parreto	Lehman	1500	ALTERATIONS			(295) E 28th AVE. 100 N Fulton St. One - story and basement frame dwelling.	
317 Shell	Henrietta	3000	(272) SE MARKET AND McCOP-PIN STS. One-story frame store.	Owner—Judson Estate Co. care Contractor.		Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
318 Yosemite	Owner	1500	Contractor—J. Harold Johnson, 666 Mission St.			Architect—Irvin Goldstein, 1200 Oak Street.	
319 Wichert	Steiner	3000	Architect—Bliss & Fairweather, 1003 Balboa Bldg.	\$12,500	Architect—Irvin Goldstein, 1200 Oak Street.		
ALTERATIONS			ALTERATIONS			DWELLING	
(268) 835 MARKET ST. Alter store.	Owner—The Emporium, Market St. bet 4th and 5th Sts.		(271) 174 GEARY ST. Alter store.	Owner—Stella Johnson, 55 Stockton.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Ostlund & Johnson, 1901 Bryant Street.		\$2,000	Contractor—Mullen Manufacturing Co., 60 Rausch St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect Not Given.	\$1400	Architect—Irvin Goldstein, 1200 Oak Street.		
ALTERATIONS			ALTERATIONS			DWELLING	
(269) 1450 CLAY ST. Alter apts.	Owner—Marie T. Foss, c/o contractor.		(272) 174 GEARY ST. Alter store.	Owner—Stella Johnson, 55 Stockton.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Chas. L. Smith, 3611 Mission Street.		\$15,000	Contractor—Mullen Manufacturing Co., 60 Rausch St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect Not Given.	\$1400	Architect—Irvin Goldstein, 1200 Oak Street.		
ALTERATIONS			ALTERATIONS			DWELLING	
(270) PINE and Montgomery Sts. Alter office.	Owner—Russ Building, premises.		(273) 1235 MISSION ST. Alter store and garage.	Owner—C. W. Marvedel, c/o Architect.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Fink & Schindler Co. 552 Brannan Street.		\$10,600	Contractor—J. E Kraft & Sons, Phealan Bldg.	\$8000	Architect—Irvin Goldstein, 1200 Oak Street.		
Architect—Kent and Haas, Underwood Bldg.		\$10,600	ALTERATIONS			(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
ALTERATIONS			ALTERATIONS			DWELLING	
(271) 174 GEARY ST. Alter store.	Owner—Stella Johnson, 55 Stockton.		(273) 1235 MISSION ST. Alter store and garage.	Owner—C. W. Marvedel, c/o Architect.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Mullen Manufacturing Co., 60 Rausch St.		\$1400	Contractor—J. E Kraft & Sons, Phealan Bldg.	\$8000	Architect—Irvin Goldstein, 1200 Oak Street.		
Architect Not Given.			ALTERATIONS			(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
STORE			ALTERATIONS			DWELLING	
(272) SE MARKET AND McCOP-PIN STS. One-story frame store.	Owner—Judson Estate Co. care Contractor.		(274) 405 MONTGOMERY. Alter office.	Owner—Calif. Montgomery Corp., Prem.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—J. Harold Johnson, 666 Mission St.		\$12,500	Architect—Not Given.	\$5000	Architect—Not Given.		
Architect—Bliss & Fairweather, 1003 Balboa Bldg.		\$12,500	ALTERATIONS			(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
ALTERATIONS			ALTERATIONS			DWELLING	
(273) 1235 MISSION ST. Alter store and garage.	Owner—C. W. Marvedel, c/o Architect.		(275) NE MORAGA AND GREAT HIGHWAY. One-story frame flats.	Owner—J. M. Cambridge, c/o Contractor.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Mullen Manufacturing Co., 60 Rausch St.		\$1400	Contractor—Edward Cornblum, 2204 47th Ave.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect Not Given.			Architect—Not Given.	\$5000	Architect—Irvin Goldstein, 1200 Oak Street.		
ALTERATIONS			ALTERATIONS			DWELLING	
(274) 405 MONTGOMERY. Alter office.	Owner—Calif. Montgomery Corp., Prem.		(276) N. CARL, 30 E WILLARD. Two-story and basement frame apartments.	Owner—C. Cassou, 3819 19th St.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Architect—Not Given.		\$5000	Architect—Fabre & Hildebrand, 110 Sutter St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
ALTERATIONS			ALTERATIONS			DWELLING	
(275) NE MORAGA AND GREAT HIGHWAY. One-story frame flats.	Owner—J. M. Cambridge, c/o Contractor.		(277) 45 POWELL ST. Alter restaurant.	Owner—Gene Compton, Prem.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Edward Cornblum, 2204 47th Ave.		\$5000	Contractor—Daniel O'Neill, 273 Minna St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$2000	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(276) N. CARL, 30 E WILLARD. Two-story and basement frame apartments.	Owner—C. Cassou, 3819 19th St.		(278) 8 16TH AVE. Alter dwelling.	Owner—John J. Loutzenheiser, Premises.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Architect—Fabre & Hildebrand, 110 Sutter St.		\$10,000	Contractor—Geo. H. Hansell, 1834 Geary St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
ALTERATIONS			ALTERATIONS			DWELLING	
(277) 45 POWELL ST. Alter restaurant.	Owner—Gene Compton, Prem.		(279) NW 6TH AND BRYANT. 1-story steel service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Daniel O'Neill, 273 Minna St.		\$2000	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison St.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$2000	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(278) 8 16TH AVE. Alter dwelling.	Owner—John J. Loutzenheiser, Premises.		(280) NW 6TH AND BRYANT STS. Service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Geo. H. Hansell, 1834 Geary St.		\$1000	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$5000	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(279) NW 6TH AND BRYANT. 1-story steel service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		(281) S 17TH, 100 E CHURCH ST. Alter apts.	Owner—J. J. Welsh, 3681 17th St.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison St.		\$2000	Architect—Not Given.	\$2500	Architect—Not Given.		
Architect—Not Given.			ALTERATIONS			(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
ALTERATIONS			ALTERATIONS			DWELLING	
(280) NW 6TH AND BRYANT STS. Service station.	Owner—McKale's, Inc., Claus Spreckels Bldg.		(282) N BOSWORTH 50 E Diamond. One - story and basement frame dwelling.	Owner and Builder—H. Barbee, 225 College Avenue.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.		\$5000	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$5000	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(281) S 17TH, 100 E CHURCH ST. Alter apts.	Owner—J. J. Welsh, 3681 17th St.		(283) N BOSWORTH 25 E Diamond. One - story and basement frame dwelling.	Owner and Builder—H. Barbee, 225 College Avenue.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Architect—Not Given.		\$2500	Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
ALTERATIONS			ALTERATIONS			DWELLING	
(282) N BOSWORTH 50 E Diamond. One - story and basement frame dwelling.	Owner and Builder—H. Barbee, 225 College Avenue.		(284) 1106 BUSH ST. Alter apts.	Owner—O. Curtaz, 5 Parnassus Ave.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.		\$3,800	Contractor—Mullen Mfg. Co., 60 Rausch Street.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$3,800	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(283) N BOSWORTH 25 E Diamond. One - story and basement frame dwelling.	Owner and Builder—H. Barbee, 225 College Avenue.		(285) 2464 POLK ST. Alter store.	Owner—H. W. Reis, 2462 Polk St.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison.		\$3,800	Contractor—Mullen Mfg. Co., 60 Rausch Street.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$3,800	Architect—Not Given.		
ALTERATIONS			ALTERATIONS			DWELLING	
(284) 1106 BUSH ST. Alter apts.	Owner—O. Curtaz, 5 Parnassus Ave.		(285) 2464 POLK ST. Alter store.	Owner—H. W. Reis, 2462 Polk St.		(296) E 28th AVE. 25 N Fulton St. One - story and basement frame dwelling.	
Contractor—Mullen Mfg. Co., 60 Rausch Street.		\$1,800	Contractor—Mullen Mfg. Co., 60 Rausch Street.			Owner and Builder—Ben Liebman, 3319 Fillmore Street.	
Architect—Not Given.			Architect—Not Given.	\$3,800	Architect—Not Given.		

**DWELLING**  
(297) E 28th AVE. 150 N Fulton St.  
One - story and basement frame dwelling.  
Owner and Builder—Ben Liebman, 3319 Fillmore Street.  
Architect—Irvin Goldstein, 1200 Oak Street. \$5,000

**DWELLING**  
(298) E 28th AVE. 75 N Fulton St.  
One - story and basement frame dwelling.  
Owner and Builder—Ben Liebman, 3319 Fillmore Street.  
Architect—Irvin Goldstein, 1200 Oak Street. \$5,000

**DWELLING**  
(299) E 28th AVE. 59 N Fulton St.  
One - story and basement frame dwelling.  
Owner and Builder—Ben Liebman, 3319 Fillmore Street.  
Architect—Irvin Goldstein, 1200 Oak Street. \$5,000

**DWELLING**  
(300) E 28th AVE. 125 N Fulton St.  
One - story and basement frame dwelling.  
Owner and Builder—Ben Liebman, 3319 Fillmore Street.  
Architect—Irvin Goldstein, 1200 Oak Street. \$5,000

**DWELLING**  
(301) E OXFORD 75 S Silliman.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(302) E OXFORD 25 S Silliman.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(303) E OXFORD 100 S Silliman.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(304) E OXFORD 50 S Silliman.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(305) N KIRKHAM 95 E 38th Ave.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(306) N KIRKHAM 120 E 38th Ave.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(307) E 35th AVE. 125 N Kirkham.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(308) SE COR. Oxford and Silliman.  
One - story and basement frame dwelling.  
Owner and Builder—C. T. Lindsay, 820 Taraval Street.  
Architect—Not Given. \$3,500

**ALTERATIONS**  
(309) W BRYANT ST. 125 N 16th.  
Alter storage bldg.  
Owner—Lyons-Magnus Co, 2545 16th.  
Contractor—Granfield-Farrar & Carlin, 67 Hoff Street.  
Architect—Not Given. \$2,000

**FLATS**  
(310) W 40th AVE. 175 S Irving.  
One-story frame flats.  
Owner—Hilda Rose, 134 Carl Street.  
Architect—Not Given. \$4,500

**ALTERATIONS**  
(311) 1623 BUCHANAN ST. Alter flat.  
Owner—Y. Shlozaki, premises.  
Contractor—S. Hande, 1884 Sutter.  
Architect—Not Given. \$1,900

**ALTERATIONS**  
(312) NE CALIFORNIA and Webster Sts. Alter temple.  
Owner—Temple Sherith Israel, NE California and Webster Sts.  
Contractor—Ben Liebman, 3319 Fillmore Street.  
Architect—Hertzka & Knowles, 369 Pine Street. \$2,000

**ALTERATIONS**  
(313) 1915-17 FILLMORE ST. Alter apartments.  
Owner and Builder—S. Zeila, 1221 Divisadero Street.  
Architect—Not Given. \$1,500

**ALTERATIONS**  
(314) 3410 SAN BRUNO. Alter dwelling.  
Owner—Marco De Natale, Prem.  
Architect—Not Given. \$1000

**DWELLING**  
(315) W 41ST AVE. 282 N. OF GEARY ST. One-story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement Street.  
Contractor—E. A. Janssen, 1136 Clement St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(316) 4840 CALIFORNIA ST. Alter dwelling.  
Owner—Jacinto Parreto, 469 Minna St.  
Contractor—J. Lehman, 1626 Turk St.  
Architect—Not Given. \$1500

**SERVICE STATION**  
(317) SW. 6TH AND FOLSOM STS. Steel service station.  
Owner—Shell Oil Co, 100 Bush St.  
Contractor—V. M. Henrietta, 2929 21st Ave.  
Architect—L. R. White, 100 Bush St.  
Engineer—A. L. Kurth, 100 Bush St. \$3000

**ALTERATIONS**  
(318) 39 GEARY ST. Alter office.  
Owner—Yosemite Valley Co, Prem.  
Architect—E. T. Spencer, 369 Pine St. \$1500

**ALTERATIONS**  
(319) W. 10TH AVE, 225 S MORAGA. Alter dwelling.  
Owner—Bruno Wichert, 84 Anderson St.  
Contractor—John L. Steiner, 861 Moultrie.  
Architect—Not Given. \$3000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
229	Thousand	Norgrove	12000
230	Bairford	Livingston	1800
231	Tuttle	Austri	6300
232	Canra	Marietti	4500
233	Catucci	Christensen	6494
234	Green	Owner	2100
235	Marrell	Johnson	7400
236	West Coast	Wheeler	1000
237	Berkeley Bd	Owner	5000
238	Constine	Munson	5000
239	Dewey	Brown	10000

240	Foster	Owner	5000
241	Garside	Owner	3000
242	Laigren	Owner	2600
243	Boise	Tait	5000
244	Lingewald	Trimlett	4000
245	Hayward	Owner	3200
245	Bruns	Bernard	8259
246	Collingwood	Altermatt	4250
247	Chambers	Lassen	3000
249	Ball	Walker	3000
250	Cowan	Cardl	3750
251	Collins	Patterson	4000
252	Heraty	Jensen	2100

**ALTERATIONS**  
(229) 879 COLUSA AVE. BERKELEY. Move and alter building.  
Owner—Thousand Oaks Masonic Temple Assn., 897 Colusa Ave., Berkeley.  
Contractor—C. M. Norgrove, 2220 Roosevelt Ave.  
Architect—Not Given. \$12,000

**ALTERATIONS**  
(230) 1239 BLAKE, BERKELEY. Alterations and additions.  
Owner—D. Haddon, Prem.  
Contractor—W. M. Livingston & Son, 1152 Euclid Ave.  
Architect—Not Given. \$1800

**FACTORY & OFFICE**  
(231) 725 GILMAN, BERKELEY. One-story 4-room factory and office.  
Owner—A. Tuttle, 1824 San Pablo.  
Contractor—The Austin Co., 1001 Ray Bldg., Oakland.  
Architect—Not Given. \$6300

**DWELLING**  
(232) 3126 11TH AVE, OAKLAND. One-story 6-room dwelling.  
Owner—E. Capra, 381 Alcatraz Ave.  
Contractor—Chas. Marietti, 1201 Stannage Ave., Berkeley.  
Architect—Not Given. \$4500

**SHOP**  
(233) 1230 18TH AVE, OAKLAND. One-story concrete shop.  
Owner—J. Catucci, 1238 18th Ave.  
Contractor—H. J. Christensen and W. E. Lyon Constr. Co., 1955 Webster St.  
Architect—W. G. Corlett, Bank of America Bldg. \$6494

**ALTERATIONS**  
(234) 3217 ARDLEY AVE, OAKLAND. Alterations and additions.  
Owner & Builder—J. H. Green, 2318 West St., Berkeley.  
Architect—Not Given. \$2100

**ALTERATIONS**  
(235) 364-68 SECOND ST., OAKLAND. Alterations.  
Owner—John Marrell & Co., 364 2nd St.  
Contractor—S. G. Johnson, 4652 Dolores Ave.  
Architect—Will G. Corlett, Bank of Amer. Bldg. \$7400

**ALTERATIONS**  
(236) 1748-50 BROADWAY, OAKLAND. Alterations.  
Owner—West Coast Theatres, Inc., 1744 Broadway.  
Contractor—W. J. Wheeler, 4001 Elston Ave.  
Architect—Not Given. \$1000

**ALTERATIONS, ETC.**  
(237) 1781 ROSE ST., BERKELEY. Relocate eight bungalows and alter same.  
Owner and Contractor—Berkeley Bd. of Education, 2325 Milvia St.  
Architect—Not Given. \$5,000

**TIRE SHOP.**  
(238) 2051 GROVE ST., BERKELEY. One-room tire shop.  
Owner—Dr. L. S. Constine, 450 Sutter St., San Francisco.  
Contractor—J. Munson, 450 15th St., Oakland. \$5,000

**DWELLING**  
(239) MILLS COLLEGE Campus, OAKLAND. One - story 7-room dwelling.  
Owner—Daniel Dewey, 3586 Seminary Ave., Oakland.  
Contractor—John H. Brown, 5500 LaVerne Ave., Oakland.  
Architect—W. H. Ratcliff, Berkeley. \$10,000

**ALTERATIONS**  
(240) 469 14th ST., OAKLAND. Alterations.  
Owner and Contractor—Foster Lunch Co., 986 Mission St., S. F.  
Architect—Albert Farr and Francis Ward, 68 Post St., S. F. \$5,000

**DWELLING**  
(241) 1233 90th AVE., OAKLAND. One-story 4-room dwelling.  
Owner and Builder—Golden W. Garside, 1226 89th Ave., Oakland.  
Architect—Not Given. \$3,000

**DWELLING**  
(240) 1366 E 31st ST., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—A. E. Lafgren, 1355 E 22nd St., Oakland.  
Architect—Not Given. \$3,600  
Also 1-story garage, \$300.

**ADDITION**  
(243) 4749 FOOTHILL BLVD., OAKLAND. One-story addition.  
Owner—J. Leboise, 1510 46th Avenue, Oakland.  
Contractor—W. C. Tait, 883 Market St., San Francisco.  
Architect—Geo. Simonds, 80 Main St., Hayward. \$5,000

**DWELLING**  
(244) 3015 PARTRIDGE AVENUE, OAKLAND. One-story six-room dwelling.  
Owner—H. Lingewald, 430 Kenilworth Ave., Oakland.  
Contractor—Robt. Trimmett, 924 Santa Clara Ave., Alameda.  
Architect—F. H. Slocombe, 4127 Piedmont Ave., Oakland. \$4,000

**DWELLING**  
(245) 1827 103rd AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—Chas. D. Hayward, 223 Frisbie St., Oakland.  
Architect—Not Given. \$3,200

**DWELLING**  
(245) 6289 MORAGA AVE., OAKLAND. Two-story 6-room dwelling.  
Owner—G. H. Bruns, 862 Contra Costa, Berkeley.  
Contractor—W. V. Bernard, 227 San Carlos, El Cerrito  
Architect—Not Given. \$8259

**DWELLING**  
(246) 8069 BROADWAY TERRACE, OAKLAND. One-story 6-room dwelling.  
Owner—Claude Collingwood, 4321 Gordon.  
Contractor—J. Altermatt, 239 Taurus, Garage, 3250.  
Architect—Not Given. \$4250

**DWELLING**  
(247) 4529 FAIRBAIN AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner—Dodds & Chambers, 1428 Franklin St.  
Contractor—Carl C. Lassen, Financial Center Bldg.  
Architect—Not Given. \$5000

**DWELLING**  
(248) 5324 MASONIC AVE., OAKLAND. One-story 6-room dwelling.  
Owner—Doris C. Schloesser, Prem.  
Contractor—H. C. Pfingst, 5639 Ocean View Dr.  
Architect—Not Given. \$6550

**ADDITIONS**  
(249) 612 EUCLID AVE., BERKELEY. Additions.  
Owner—E. Ball, Prem.  
Contractor—J. M. Walker, 401 Spruce.  
Architect—Not Given. \$3000

**DUPLEX**  
(250) 2051 ACTON, BERKELEY. One-story 6-room duplex.  
Owner—Frank Cowan, 2097 Acton.  
Contractor—A. L. Cardl, 972 Alleen.  
Architect—Not Given. \$3750

**DWELLING**  
(251) 5488 HOLLAND ST., OAKLAND. One-story 6-room dwelling.  
Owner—J. I. Collins, 1439 55th Ave.  
Contractor—J. F. Patterson, 1430 55th Ave.  
Also 1-story garage, \$400.  
Architect—Not Given. \$4000

**DWELLING**  
(252) 6200-06 VALLEY VIEW DR., OAKLAND. One-story 4-room dwelling (2).  
Owner—Phil Heraty, 488 Fairbanks Ave.  
Contractor—H. K. Jensen, 2757 Rawson St.  
Architect—Not Given. \$2100 ea.

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
85	Warner	Hawkings	46887
86	Union	Stolte	1687

**STORE BLDG.**  
(85) LOT 3 Ptn Lot 4 Bk F, Fountain Pkce, Oakland. One-story masonry and wood store bldg.  
Owner—Warner Bros. Pictures, Inc., Hollywood.  
Architect—Not Given.  
Contractor—E. A. Hawkins and Co., 1182 Market St., San Francisco.  
Filed, July 13, '37. Dated, July 9, '37.  
10th of each month.....\$5  
Until 35 days.....\$5  
TOTAL COST, \$46,887.  
Bond, \$46,887. Sureties, St. Paul Mercury Indemnity Co. Limit, Oct 6, 1937.

**SERVICE STATION**  
(86) FIFTH and Franklin Streets, Oakland. Re-construct service station.  
Owner—Union Oil Company.  
Architect—Not Given.  
Contractor—F. C. Stolte Company.  
Filed, July 19, '37. Dated, July 13, '37.  
Payments not given.

TOTAL COST \$1687.00  
Bond, \$1687. Sureties, Massachusetts Bonding & Ins. Co. Plans and specifications filed.

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
134	Barbe	Jacks	25283
136	Barbe	Judson	1366
137	Barbe	Shulman	1348.65
138	Barbe	Decker	2300
139	Barbe	Calif. Boiler	4406
140	Barbe	Wetenhall	2640
141	So Pac.	Empire	5398

**LAUNDRY**  
(134) S. PACIFIC, BET. POLK & LARKIN. Construct laundry building.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Jacks & Irvine, 620 Market St.

TOTAL COST, \$25,283  
Bond, \$25,283. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

(135) S. PACIFIC, BET. POLK & LARKIN. Structural steel work.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Judson-Pacific Co., 609 Mission.  
TOTAL COST, \$6,500  
Plans and specifications filed.

(136) S. PACIFIC, BET. POLK & LARKIN. Furnishing and erecting windows.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Judson-Pacific Co., 609 Mission St.  
TOTAL COST, \$1,366  
Plans and specifications filed.

(137) S. PACIFIC, BET. POLK & LARKIN. Painting work.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Shulman-Conroy Painting Co., 1017 Valencia St.  
TOTAL COST, \$1,348.65  
Plans and specifications filed.

(138) S. PACIFIC, BET. POLK & LARKIN. Electrical work.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Decker Elec. Const. Co., 538 Bryant St.  
TOTAL COST, \$2,300  
Plans and specifications filed.

(139) S. PACIFIC, BET. POLK & LARKIN. Steam pipe work.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—Calif. Boiler Works, 1215 Harrison St.  
TOTAL COST, \$4,406  
Plans and specifications filed.

(140) S. PACIFIC, BET. POLK & LARKIN. Reinforced steel and wire mesh for laundry building.  
Owner—J. Barbe & Co.  
Engineer—Hunt, Mirk & Co., 141 2nd.  
Contractor—W. S. Wetenhall, 7th & Wisconsin Sts.  
TOTAL COST, \$2,640  
Plans and specifications filed.

**ALTERATIONS**  
(141) 65 MARKET ST. Alter office building—Southern Pacific Co.  
Contractor—Empire Constr. Co., Ltd. Filed July 21, '37. Dated July 16, '37.  
75% close of month.  
25% usual 35 days.  
TOTAL COST, \$5,398.00  
Bond, \$5,398. Surety, U. S. Guar. Co. Limit, 35 days. Plans and specifications filed.

### SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER dwelling, \$450; 242 Joyce St.; owner, Chln Woa, Prem.; contractor, Frank Yick, 670 Washington St.

SIGN, electric, \$150; 840 Donohue; owner, Dan T. Lee, Prem.; contractor, Standard Neon Mfg. Co., 1159 Turk St.

SIGN, electric, \$175; Cor. Laguna & Bush Sts.; owner, Jack Ishmael, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.

ALTER dwelling, \$500; S. Shafter Ave., 50 E Keith; owner, Edw. and Rene Capra, 1407 Underwood Ave.; contractor, A. Barsotti, 1498 Quesada.

SIGN, electric, \$175; 1325 Golden Gate Ave.; owner, G. Barkan, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.

ALTER dwelling, \$300; 339 Pierce; owner, Mrs. Bertl, Prem.  
ALTER office building, \$400; 201 Sansome St.; owner, Royal Ins. Co., Ltd., 201 Sansome St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Fire Houses and Jails
4.—Factories and Warehouses	14.—Residences
5.—Farms	15.—Schools
6.—Garages and Service Stations	16.—Banks, Stores and
7.—Federal Buildings	17.—Theatres
8.—Club Buildings	18.—Wharves & Docks
9.—Hospitals	19.—Misc. Const.
10.—Hotels	20.—Misc. Supplies &

### 1—APARTMENTS

**Contract Awarded ALTERATIONS** Cost, \$22,000  
SAN FRANCISCO. 1450 Clay Street. Alterations and additions to frame apartment building consisting of installation of fifteen 2- and 3-room apartments, 10 garages, asphalt roof, electric refrigeration plant, steam heating plant, cabinets in kitchens, etc.

Owner—Marie J. Foss, 707 Mission St.  
Architect—Not Given.  
Contractor—Chas. L. Smith, 3611 Mission Street.

**To Be Done By Day's Work APARTMENTS** Cost, \$10,000  
SAN FRANCISCO. N. Carl, 30 ft. E. of Willard St.

Two-story and basement frame and stucco apartment building.  
Owner & Builder—C. Cassou, 3819 19th St.  
Architect—Fabre & Hildebrand, 110 Sutter St.

### 3—CHURCHES

**CONTRACT AWARDED LOMA LINDA**, San Bernardino Co., Calif.—L. C. Havstad, 11533 Dilling St., North Hollywood, awarded contract for construction of a new edifice in Loma Linda for the Seventh-Day Adventist Church. Cost, \$29,000. Clinton Nonrue, architect, 1406 Bond St., Los Angeles.

### PREPARING WORKING DRAWINGS

**INGLEWOOD**, Los Angeles County, Calif.—Architects Pope & Burton, 702 Buckingham Road, Los Angeles, are preparing working plans for a new edifice to be built on the corner of Centinela Ave. and Warren Lane, Inglewood, for the Church of Jesus Christ of the Latter-Day Saints. Cost approximately \$40,000.

### 4—FACTORIES & WAREHOUSES

**Bids In—Held Under Advisement FACTORY** Cost, \$ OAKLAND, Alameda Co. Calif. 20th and Peralta Streets. Addition of factory building to plant. Owner—J. I. Case Co., 20th and Peralta Sts., Oakland.

Plans by Engr. Dept. of Owner. Announcement shortly.

**Contract Awarded WAREHOUSE** Cost, \$15,000  
SAN FRANCISCO. SE Cor. Carroll and Newhall Streets.

One-story mill construction warehouse. Owner—General Brewing Corp., SE Cor. Carroll and Newhall. Architect—Frederick H. Meyer, Kohl Building. Engineer—Michael Pregnoff, c/o contractor. Contractor—Cahill Bros., 206 Sansome Street.

**Bids In—Held Under Advisement. ADDITION** Cost, \$.....  
SAN FRANCISCO. 534 Bayshore. Two-story brick warehouse (100x100-ft.) addition to existing building. Owner—Dreamland Bedding Co. (P. Spagnol, owner). Architect—Geo. M. Cantrell, 325 Fremont Street. Structural Engineer—H. P. Hoyt, 325 Fremont Street. Announcement shortly.

**Contract Awarded SALINAS**, Monterey Co., Calif. Cost, \$9,000. One-story structural steel and stucco addition to Cornell Tractor Company's plant. Owner—N. M. Borina. Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville. Contractor—E. F. Reese, 417 Lincoln Ave., Salinas.

### Heating and Electric Contracts Awarded WAREHOUSE

General Contract Price, \$143,950  
EMERYVILLE, Alameda Co., Calif. Powell St. and Bayshore Highway.

Two-story reinforced concrete warehouse and service plants (200x200 feet).

Owner—J. Catucci.  
Lessee—Bigelow-Sanford Carpet Co., of New York.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
Contractors—H. J. Christiansen Co., 1855 Webster St., Oakland, and W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

**Heating**  
The Scott Co., 113 10th St., Oakland .....\$3,666

**Electric Work**  
Pacific Electric Motor Co., 10th and Oak Sts., Oakland .....\$6,155

**Bids Rejected—Plans Being Revised ADDITION** Cost, \$.....  
SAN FRANCISCO 534 Bayshore. Two-story brick warehouse (100x100-ft.) addition to existing building. Owner—Dreamland Bedding Co. (P. Spagnol, owner). Architect—Geo. M. Cantrell, 325 Fremont Street. Structural Engineer—H. P. Hoyt, 325 Fremont Street.

Plans are being revised for concrete instead of brick construction and new bids will be asked shortly.

### 6—GARAGES & SERVICE STATIONS

**Sub-Contracts Awarded SERVICE STATIONS** Cost, \$.....  
SAN FRANCISCO. Polk and Geary Sts.; Golden Gate Ave. and Webster St.; 3rd and Evans Streets. Three gasoline service stations. Owner—Union Oil Co., 220 Montgomery Street.

Plans by Engr. Dept. of Owner. Contractor—F. C. Stolte Co., 1465 San Antonio Ave., Alameda. Plumbing—Geo. Welholz, 765 Minna Street.

**Electric Wiring—Crown Electric Co., 153 Eddy Street.**  
**Painting—Osthoff & Co., 1355 Grove.**

**Sub-Contracts Awarded SERVICE STATION** Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif. Mendocino and Healdsburg Sts. New gasoline service station. Owner—General Petroleum Corp. of California.

Plans by Engr. Dept. of Owner. Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Plumbing—Geo. Mitchell, 513 Third St., Santa Rosa.**

**Electric Wiring—Electric Motor Co., 217 Broadway, Oakland.**

**Steel Work—Independent Iron Wks., 821 Pine St., Oakland.**

**Sub-Contracts Awarded SERVICE STATION** Cost, \$10,000  
OAKLAND, Alameda Co., Calif. 2140 Cypress Way

Owner—Tide Water Associated Oil Co., 79 New Montgomery Street, San Francisco.

Architect—Vincent G. Raney, 233 Post St., San Francisco.

Contractor—F. C. Stolte, 1405 San Antonio St., Alameda.

**Plumbing—Max Finzel Pkg. Co., 2025 Hopkins St., Oakland.**

**Electric Wiring—Mullins Elec. Co., Oakland.**

### CONTRACT AWARDED

WASCO, Kern Co., Calif.—F. A. Greenough, 130 Lincoln St., Bakersfield, submitted low bid and awarded contract by the Wasco Union High School District for construction of an addition to garage and new transformer at Wasco High Sch. Plans by Perrine & Mackle; Herbert E. Mackie, architect, Los Angeles.

Complete bids follow:  
F. A. Greenough, Bakersfield, ..... \$9,775  
H. J. Hendricks, ..... 10,000  
Aarris Constr. Co., ..... 10,300  
Hodgson & Sons, ..... 10,800

### 7—FEDERAL BUILDINGS

**Contract Awarded POST OFFICE** Cont. Pr., \$57,037  
AUBURN, Washington.

United States Post Office Bldg. Owner—United States Government.

Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.  
Contractor—James I. Barnes, Wilhoit Bldg., Springfield, Mo.

**Bids Wanted—To Close Sept. 7 U S POST OFFICE**

AUBURN, Placer Co., Calif.  
New U. S. Post Office.

Owner—U. S. Government.  
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

**Bids Wanted—To Close August 7, 10 A. M.**

DORMITORIES, Etc. Cost, \$.....  
KENNETT DAM, Calif. 9 miles N. of Redding, Shasta Co. Government Camp at Kennett Dam, Central Valley Project.

Two two-story dormitories (44x90 ft. each), three 6-room residences, two 5-room residences, fifteen 4-room residences, fourteen 3-room residences, and twelve 2-room

residences; all buildings will have wood siding over sheathing, composition shingle roofing, and wallboard interior.

- Bids will be taken as follows:
- SCHEDULE 1—Two Dormitories**
- (1) 1,200 c.y. common excav.;
  - (2) 120 c.y. rock excav.;
  - (3) 130 c.y. concrete in foundations;
  - (4) 40 c.y. concrete in floors;
  - (5) 320 lf. constructing foundation drains;
  - (6) Lump sum, constructing two temporary dormitories, Type 1, complete except excavation, concrete and foundation drains.
- SCHEDULE 2—Residences**
- (7) 1,200 c.y. common excav.;
  - (8) 120 c.y. rock excav.;
  - (9) 35 c.y. concrete in foundations;
  - (10) Lump sum, constructing three 6-room residences, Type 3, complete except excavation and concrete;
  - (11) Lump sum, constructing two 5-room residences, Type 5, complete except excavation and concrete;
  - (12) Lump sum, constructing fifteen 4-room residences, Type 5, complete except excavation and concrete;
  - (13) Lump sum, constructing fourteen 3-room residences, Type 4, complete except excavation and concrete;
  - (14) Lump sum, constructing twelve 2-room residences, Type 3, complete except excavation and concrete.

Bids will be opened in Sacramento. Plans and specifications (Spec. No. 742) obtainable from the office of the Bureau of Reclamation at Sacramento. No deposit required. Guarantee in the sum of 10% required with each bid.

#### Bids Wanted—To Close August 9, 10 A. M.

**OFFICE BLDG** Cost, \$.....  
**KENNETT DAM**, Calif. 9 miles N. of Redding, Shasta Co., Government Camp at Kennett Dam, Central Valley Project  
 Office building (45x102 ft.) with concrete basement and vault, wood siding exterior composition shingle roofing and wallboard interior.

Owner—U. S. Govt., Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Sts., Sacramento.

- Bids will be taken as follows:
- (1) 650 c.y. common excav.;
  - (2) 75 c.y. rock excav.;
  - (3) 135 c.y. concrete;
  - (4) 150 lf. constructing foundation drains;
  - (5) Lump sum, constructing one office building, Type 3, complete, according to specifications except excavation, concrete and foundation drains.

Bids will be opened in Sacramento. Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento. No deposit required. Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid.

#### BIDS WANTED

**RENO, Nevada**—Until Aug. 31, 1:30 p.m., new bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for the construction of Treatment Bldg. No. 1, at the Veterans' Administration Facility, Reno. It will be a two-story and basement reinforced concrete structure providing 27 beds, and will cost approximately \$100,000. Plans may be obtained from Washington, or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto; no deposit required. The Bldg.

will contain approximately 285,000 cu. ft. Work will include roads, walks, grading and drainage, excavating, reinforced concrete, hollow concrete units, hollow building tile brickwork, cut stone slabe stair treads, marble work, terrazzo floor, floor and wall tile, compressed asphalt tile, water-proofing, metal work, steel stairs, metal window equipment, steel cabinets and shelving, tile, slate and built-up rfg., metal studs, metal lath, acoustical treatment, metal weatherstrips, insect screens, window shades, pfg., glazing, hardware, plumbing, heating (including boiler plant and equipment), electric work, electric elevator, outside service connections, etc. Separate bids will be received for (1) general construction, including plumbing, heating and electrical work; and (2) electric elevator. \*

#### Sub-Contracts Awarded HOSPITAL, ETC.

Contract Price, \$279,622  
**SACRAMENTO CO., Calif.** Army Artillery Corps Supply Depot, near North Sacramento.

**Barracks-Post Exchange Bldg.** (Spec. No. 370-E) two-story and basement reinforced concrete and steel (27x76 ft.) steel saah, built-up roof, metal lath, tile and limestone floors, hot water heating system, 1st floor to contain mess hall, cafeteria, kitchen, post exchange, etc.; second floor to contain wash rooms and squad quarters of 134 men.

**Hospital** (Spec. No. 340-E) two-story reinforced concrete and steel (88x38-ft.) built-up roof, rubber-tile flooring, hot water heating system, air conditioning system, 9-bed attachments for 10 men.

Owner—U. S. Government (Major A. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco.

**Terrazo**—California Terrazo Co., 2085 San Bruno Avenue.  
**Reinforcing Steel**—Truscon Steel Co., 604 Mission Street.

**Shades and Blinds**—D. N. & E. Walter Co., 662-72 Mission St.  
**Painting**—D. Zelinsky, 165 Grove St.  
**Plastering**—M. J. King, 231 Franklin.  
**Roofing**—J. W. Bender Co., 1999 Bryant Street.

**Cast Stone**—New Era Work Shop, 6036 Mission St., Daly City.  
**Cold Storage Insulation**—Cork Insulation Co., 462 Bryant St.

**Safes**—Hermann Safe Co., Howard and Main Streets.

**Lime**—C. & Rubber Tile—John Breunler Co., 604 K St., Sacramento.  
**Dumb Waters**—Vincent Whitney, 130 Tenth Street.

**Mill Work**—Capital City Planing Mill 183 9th St., Sacramento.  
**Sheet Metal**—Wisland and Kolthoff, 2194 Folsom Street.

**Electric Work**—Scott Co., 113 Tenth St., Oakland.

**Plumbing & Air Conditioning**—Luppen & Hawley, Inc., 3126 J St., Sacramento.

**Refrigeration** (Barracks Bldg.)—Baker Ice Machinery, 1162 Bryant.

**Heating** (Barracks Bldg.)—M. R. Carpenter, 907 Front St., Sacramento.

**Heating** (Hospital Bldg.)—Hately & Hately, 1714 10th St., Sacramento.

**Tile** (Barracks Bldg.)—Mangrum-Holbrook Co., 1235 Mission St.

**Tile** (Hospital Bldg.)—Meiring Tile Co., 4101 Market St., Oakland.  
**Brick**—Reed and Reed, 1131 Hearst Building.  
**Furniture**—H. M. Schick, 135 Tehama Street.

**Hollow Metal**—Forderer Cornice Wks at 269 Potrero Ave.  
**Marble**—Clervi Marble Co., 221 Bayshore Blvd.

**Misc. Iron**—Monarch Iron Works, 262 Seventh Street.

**Glass**—W. P. Fuller & Co., 301 Mission Street.

**Acoustics**—Western Asbestos Co., 675 Townsend St.

**Sterilizers**—American Sterilizer Co., Fourth St.

Unless otherwise indicated, above sub-contracts are awarded on both the barracks and hospital buildings.

All bidders of San Francisco, unless otherwise noted.

**Low Bidders** Cost, \$.....  
**POST OFFICE**  
**BURBANK**, Los Angeles Co., Calif. Olive Ave. between San Fernando Blvd. and First St.

New U. S. Post Office. Owner—United States Government. Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

**Low Bidder**—Sarver & Zosa, Inc., 1015 W 4th St., Los Angeles, \$127,300.

Second low bid was submitted by Robert E. McKee, Los Angeles, at \$130,600.

**Bids Wanted—To Close August 10, 10 A. M.**

**LABORATORY, Etc.** Cost, \$.....  
**KENNETT DAM**, Calif. 9 miles N. of Redding, Shasta Co., Government Camp at Kennett Dam, Central Valley Project.

Concrete testing laboratory (39x54 ft.) and a combined garage and fire station (50x121 ft.); shipal siding, composition shingle roofing, wallboard interior, corrugated iron siding and roofing.

Owner—U. S. Government, Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Streets, Sacramento.

Bids will be taken as follows:

- SCHEDULE 1—Concrete Testing Laboratory**
- (1) 100 c.y. common excav.;
  - (2) 10 c.y. rock excav.;
  - (3) 35 c.y. concrete;
  - (4) Lump sum, constructing one concrete testing laboratory complete, according to plans, except excavation and concrete.

**SCHEDULE 2—Garage and Fire Station**

- (5) 400 c.y. common excav.;
- (6) 40 c.y. rock excav.;
- (7) 150 c.y. concrete;
- (8) 100 lf. constructing foundation drains;
- (9) Lump sum, constructing one garage and fire station in accordance with plans, except excavation and concrete.

Bids will be opened in Sacramento. Plans and specifications obtainable from the office of the Bureau of Reclamation at Sacramento. No deposit required. Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid.

**Bids Wanted—To Close August 6, 10 A. M.**

**DUPLIX COTTAGES** Cost, \$.....  
**KENNETT DAM**, Calif. 9 miles N. of Redding, Shasta Co., Government Camp at Kennett Dam, Central Valley Project.

Twenty-seven duplex cottages (approximately 61x34 ft. each); may be prefabricated or built in place; building board exterior wall covering and composition shingle roofing.

Owner—U. S. Govt., Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Sts., Sacramento.

Bids will be taken as follows:

- (1) 2000 c.y. common excav.;
- (2) 100 c.y. rock excav.;

(3) Lump sum, constructing twenty-seven, type 1, duplex cottages complete, according to plans and specifications, except excavation. Bids will be opened in Sacramento. Plans and specifications (Spec. No. 709) obtainable from the office of the Bureau of Reclamation at Sacramento. No deposit required. Part of the materials will be furnished by the government. Guarantee in the sum of 10% required with each bid.

**BID REJECTED**

**POINT ARGUELLO**, Santa Barbara Co., Calif.—Treasury Department, Washington, D. C., rejected only bid submitted by Fred J. Early, Jr., 369 Pine St., San Francisco, at \$26,900, for construction of cottages (officers' quarters), at the Point Arguello, U. S. Coast Guard Station, near Arlight, Santa Barbara Co.

**8—CLUB BUILDINGS**

**Bids In—Held Under Adjudgment**

**ALTA HALL**, Los Angeles, Cal., SA. JOSE, Santa Clara Co., Calif. Santa Clara Street. Alter Moose Hall. Owner—Withheld. Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

**9—HOSPITALS**

**PLANS BEING FIGURED**

**LONG BEACH, CAL.**—Until July 20 Francis H. Gentry, engineer, Jergins Trust Bldg., Long Beach, is taking bids for a one- and part two-story and basement hospital building (91x70 ft.) to be built at 38th Street and Atlantic Ave., Long Beach, for Long Beach Maternity Hospital.

**Contract Awarded** Cont. Pr. \$2,936 **ADDITION** STOCKETON, San Joaquin Co., Calif. State Hospital Farm. Addition to refrigerating plant in kitchen building. Owner—State of California, Dept. of Institutions. Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento. Contractor—J. N. Blair & Co., Sacramento.

**Planned** **HOSPITAL ADDITION** Cost, \$16,000 **AHWAHNEE**, Madera Co., Calif. Addition of kitchen and dining room building, frame office building, and frame dormitory building to Ahwahnee Hospital to replace recent fire loss. Owner—Ahwahnee Hospital Administration (Lee Woodson, Business Manager). Architect—Not selected.

**CONTRACT AWARDED**

**VISALIA**, Tulare Co., Calif.—Central California Ice Co., Sta. A, P.O. Box 3067, Fresno, at \$3,940.83, submitted low bid and was awarded contract by the Visalia City Council, Anne Lowell, City Clerk, City Hall, for construction and installation of a complete air conditioning system in the Visalia Hospital. Complete bids follow: Central California Ice Co., Fresno—\$3,640.83. W. W. Williamson, San Francisco—\$4,230. Phillips Refrigeration Products, Inc., San Francisco—\$4,298. W. R. Ames Co., San Francisco—\$4,900.

**Bids Opened** **HOSPITAL** Cost, \$..... **HOLLISTER**, San Benito Co., Calif. One-story reinforced concrete hospital building and almshouse (16

2-bed rooms for elderly indigents, 2 hospital rooms for sick people, operating and X-ray rms., kitchen and dining room, laboratory, recreation room, delivery room, infants' room), composition roofing, linoleum floors, steel sash with metal trim, oil burning heating system, etc., constructed around central patio. Owner—County of San Benito (Elmer Dowdy, clerk). Architect—Robert Stanton, Hotel Del Monte, Del Monte.

**Low Bidder**—F. C. Stolte Co., 1405 San Antonio Ave., Alameda, \$37,400.00.

Bids were taken as follows: Item 1, general work; Item 2, add for additional finish work; Item 3, add for additional finish work; Item 4, unit prices:

- (a) machine excavation per c. y.;
- (b) hand excavation, per c. y.; (c) concrete per c. y.; (d) concrete sand per c. y.; (e) coarse aggregate per c. y.

Complete bids follow:

- (A) C. Stolte Co., Alameda: (1) \$57,400; (2) \$3,092; (3) \$11,900.
  - (B) John B. Branagh, Piedmont: (1) \$58,900; (2) \$2,925; (3) \$1,548.
  - (C) Trehwitt-Shields & Fisher, Fresno: (1) \$60,954; (2) \$2,938; (3) \$2,548.
  - (D) L. Dioguardi, Coima: (1) \$60,400; (2) \$3,500; (3) \$12,000.
  - (E) N. H. Sjoberg & Son, Oakland: (1) \$59,728; (2) \$3,148; (3) \$13,151.
  - (F) Carl N. Swenson Co., San Jose: (1) \$61,500; (2) \$3,043; (3) \$12,731.00.
  - (G) Central Calif. Const. Co., San Francisco: (1) \$59,759; (2) \$3,400 (3) \$14,400.
  - (H) Geo. J. Maurer Co., Piedmont: (1) \$62,400; (2) \$3,100; (3) \$12,600.
  - (I) Midstate Const. Co., Fresno: (1) \$64,000; (2) \$3,500; (3) \$12,000.
  - (J) H. H. Henning, Stockton: (1) \$67,150; (2) \$3,905; (3) \$12,936.
  - (K) Neilson & Ehrentraut, San Jose: (1) \$68,600; (2) \$4,050; (3) \$12,600.
- Unit bids follow:
- |     | (a)    | (b)    | (c)     | (d)    | (e)    |
|-----|--------|--------|---------|--------|--------|
| (A) | \$1.50 | \$1.70 | \$28.50 | \$2.75 | \$3.00 |
| (B) | .95    | 1.50   | 10.00   | 2.75   | 2.75   |
| (C) | 1.00   | 1.50   | 6.00    | 2.50   | 3.00   |
| (D) | .75    | .50    | 22.00   | 2.50   | 2.35   |
| (E) | .60    | 1.30   | 6.62    | 1.91   | 3.14   |
| (F) | 1.50   | 1.00   | 9.50    | 2.65   | 3.00   |
| (G) | 1.75   | 1.50   | 15.00   | 2.50   | 2.50   |
| (H) | .50    | 2.50   | 17.00   | 1.45   | 2.40   |
| (I) | 1.75   | 1.90   | 5.75    | 2.40   | 2.85   |
| (J) | 1.25   | 2.00   | 20.00   | 3.25   | 3.50   |
| (K) | .60    | 1.75   | 27.00   | 3.00   | 3.00   |

Bids are being held under advisement. Announcement in one week.

**Preparing Preliminary Plans**

**STATE HOSPITAL**, Est. Cost, \$200,000 **PORTLAND**, Oregon. Sam Jackson Park, Medical Hill.

Class A reinforced concrete and steel state tuberculosis hospital providing 350,000 cu. ft. space.

Owner—State of Oregon. Architect—Lawrence, Holford & Ailyn, Falling Bldg. Board of Control, D. J. Fry, Secy., Salem, will make application for PWA funds to supplement \$110,000 appropriation by state.

**Bid Call Withdrawn**

**ADDITIONS** Cost, \$163,462 **SALEM**, Marion Co., Oregon. State Addition to Eastern Oregon State Tuberculosis hospital (The Dalles) of one-story frame pavilion; concrete boiler house; two-story frame nurses' home; frame physicians' home.

Owner—State of Oregon. Architect—Jones & Marsh, 701 Woodlark Bldg., Portland.

Prospect of federal aid for construction of the buildings has caused the State Board of Control to cancel call for bids scheduled for opening July 22.

**10—HOTELS**

**Being Done By Day's Work** **TOURIST HOTEL**, Est. Cost, \$20,000 **PLACERVILLE**, El Dorado Co. Main and Cedar Ravine Sts. First unit of new tourist hotel. Owner & Builder—John A. Raffetto, Jr., Placerville. Architect—Not Given.

**13—PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**Preparing Working Drawings** **FIRE STATION** Est. Cost, \$40,000 **PETALUMA**, Sonoma Co., Calif. E. side of Third St., near D St.

New fire station. Owner—City of Petaluma. Architect—Brainerd Jones, 226 Washington St., Petaluma.

The City of Petaluma voted bonds in the amount of \$40,000, proceeds to finance construction of fire house.

**Bids In—Held Under Adjudgment**

**ENTRANCE TOWERS**, Cost, \$..... **YERBA BUENA SHOALS**, Site of the 1939 World's Fair.

Two main entrance towers, each 70-ft. high with bases 118x283 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush.

Bids were received on rough carpentry only; bids will be asked later for ornamentation of the towers.

**Bids Opened**

**ALTERATIONS** **SACRAMENTO**, Sacramento County, Calif. 34th and 5th Aves. Alterations and shelving to Oak Park Library.

Owner—City of Sacramento. Architect—Herbert Goodpastor, Mitau Bldg., Sacramento.

**Low Bidder**—L. F. Gould, 1623 O St., Sacramento—\$1,486.50.

Complete bids follow:  
L. F. Gould ..... \$1,486.50  
Chas. F. Unger ..... \$1,568.00  
L. L. Watson ..... \$1,595.00  
All of Sacramento.

**PREPARING PLANS**

**POCHO**, Nevada—Architect A. L. Worswick, Las Vegas, commissioned by Lincoln Nev. county supervisors to prepare plans for proposed court-house and hospital building to be built in Ploche. Project contingent upon voting of bond issue.

**Low Bidder** **ENTRANCE TOWERS** Cost, \$ ..... **YERBA BUENA SHOALS**, Site of the 1939 World's Fair.

Two main entrance towers, each 70 ft. high with bases 118x283 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush.

**Low Bidder**—Barrett & Hilt, 918 Harrison St., San Francisco—\$91,865

Bids were received on rough carpentry only; bids will be asked later for ornamentation of the towers.

**BIDS WANTED**

**OAKLAND**, Alameda Co., Calif.—Until July 27, 2 p.m. bids will be received by the Oakland City Council for wrecking and removing the old post office building at Broadway and 17th Sts., Oakland.

## CONTRACT AWARDED

SACRAMENTO.—Holdener Constr. Co., 2608 H St., Sacramento, at \$7,417, awarded contract by Director Earl Lee Kelly, Division of Architecture, Department of Public Works, for improvements to State Office Bldg., No. 2, Dept. of Natural Resources, Sacramento.

Proposed  
DETENTION HOME Cost, \$.....  
LUCAS VALLEY, Marin Co., Calif.  
County Farm, near San Rafael.  
New Juvenile Detention Home.  
Owner—County of Marin.  
Architect—Not selected.

July 21, 1937.

## BIDS WANTED

TUOLUMNE CO., Calif.—Until August 4, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 170, for construction of cottages and appurtenant structures at Moccasin and Priest.

Separate bids will be taken, but work will be awarded as one contract.

- (1) One cottage, Priest reservoir;
- (2) Four Type L cottages at Moccasin—Nos. 24, 25, 27 and 28;
- (3) One Type No. 2 cottage with basement, Moccasin—No. 22;
- (4) Three Type No. 2 cottages at Moccasin—Nos. 23, 26, 29.
- (5) One seven-car garage building, with concrete apron at Moccasin;
- (6) Addition to store building at Moccasin;
- (7) One single woodshed at Moccasin, on Lot F;
- (8) Three double woodsheds at Moccasin, on Lots H-1, J-K and L-M;
- (9) One water supply unit for cottages and garage building, at Moccasin.

Work includes clearing the sites of the work, excavation and backfill for the foundations and appurtenant work and construction. Cottages are to be constructed with concrete foundations, timber frame, stucco exteriors and plastered interiors.

Plans and specifications may be obtained from Room 605, 425 Mason St., San Francisco, upon deposit of \$10.

Planned  
OFFICE BLDG. Est. Cost, \$1,000,000  
SACRAMENTO, Calif. M St., betw. 10th and 11th Sts.

Four-story Class A office building for the Department of Professional and Vocational Standards and other state agencies.

Owner—State of California.  
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Construction is scheduled to start next January.

## CONTRACT AWARDED

TAFT, Kern Co., Calif.—F. A. Greenough, 120 Lincoln St., Bakersfield, awarded contract at \$9,097 for construction of a 1-story concrete building in Taft for Julia L. Barlow. It will house a bank and U. S. Post Office quarters. Chas. H. Biggar, architect, 554 Haberfelde Bldg., Bakersfield.

## CONTRACT AWARDED

SAN FRANCISCO.—James A. Nelson, Inc., 1375 Howard St., at \$9,786 awarded contract by the Department of Public Works, City Hall for heating system at the Bedding school southwest corner Pine and Larkin.

## CONTRACT AWARDED

SAN FRANCISCO.—W. R. Ames Co., 150 Hooper St., at \$4,616 awarded

contract by the Department of Public Works, City Hall, for metal cases and cabinets to be furnished and installed on 4th, 5th and 6th floors of Psychopathic - Cancer Building, Maternity wing, San Francisco Hospital, Potrero Ave. and 22nd St.

## BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until August 10, 10 a.m., bids will be received by the Board of Supervisors of Alameda County, G. E. Wade, Clerk, for the construction of a new County Garage Building on the south side of Thirteenth Street, between Jackson and Madison Streets, Oakland.

Plans and specifications may be obtained at the office of the Clerk, County Court House, 12th and Fallon Streets, upon deposit of \$25.

## BIDS WANTED

SAN FRANCISCO.—Until July 28, 1:45 p.m., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for acoustical treatment of assembly room of Dept. of Public Works, Room 251, City Hall.

Specifications may be obtained from the office of Supt. of Public Bldgs., R. A. Chisholm, 484 11th St.

## BIDS WANTED

SAN FRANCISCO.—Until August 4, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for general construction of alterations to Room 479, City Hall. Estimated cost, \$3,200.

Plans and specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

## BIDS OPENED

SAN FRANCISCO.—Max Rosenberg, 58 Merlin St., at \$1,181.46, submitted low bid to the Dept. of Public Works, City Hall, for grading, fill, carpentry, and concrete work for the Maria Jr. High School, corner of Fillmore and Bay Streets.

Complete bids follow:  
Max Rosenberg ..... \$1,181.46  
M. E. Vukobrevic ..... 1,341.00  
Chas. L. Harney ..... 1,600.00  
Peter Sartorio ..... 1,988.00

## BID OPENED

SAN FRANCISCO.—Westinghouse Electric Elevator Co., 1 Montgomery St., at \$455, submitted only bid to the Dept. of Public Works, City Hall, for alterations to doors on elevator in Hall of Justice.

## Completing Plans

CITY HALL Cost, \$60,000  
SANTA CRUZ, Santa Cruz Co., Cal.  
Church and Locust Streets.

One- and two-story reinforced concrete City Hall (second and third units), to house offices of city engineer, building and plumbing inspectors, council chamber, and police court & committee chambers.

Owner—City of Santa Cruz (C. D. Hinkle, Mayor).  
Architect—C. J. Ryland, Box 790, Monterey.

Bid call will be advertised shortly.

## 14—RESIDENCES

Bids In—Held Under Advertisment

RESIDENCE Cost, \$  
RIPPLINGAME, San Mateo Co., Cal.  
Chapin Lane.

Two-story frame residence (10 rms.), shingle roof, wood sash, hardwood floors, tile baths, etc.

Owner—Clarence Postley.  
Architect—Gardner A. Dalley, 210 Post St., San Francisco.

Bids In—Held Under Advertisment

RESIDENCE Cost, \$

OAKLAND, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms), wood shingle roof, hardwood floors, tile baths, etc.

Owner—Clay Sherman, c/o Architect. Architect—W. W. Wurster, 260 California St., San Francisco.  
Announcement shortly.

## Completing Plans

RESIDENCE Cost, \$60,000  
S.A.N. FRANCISCO, Parkside District.

One-story frame residence (5 rooms), asbestos shingle roof, hot air heating system, hardwood floors, tile baths, wood sash.

Owner—Withheld.  
Architect—Albert H. Larsen, 333 Kearny St.

Plans will be completed and bids asked within a few days.

To Be Done By Day's Work

RESIDENCE Cost, \$.....  
SUNNYVALE, Santa Clara Co., Calif.  
874 Hollenbeck Road.

One-story frame and stucco residence (5 rooms), hardwood floors, tile baths, shingle roof, warm air heating system, wood sash.

Owner & Builder—T. A. Rhodimer, c/o architect.

Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.

Bids In—Held Under Advertisment

RESIDENCE Cost, \$.....  
MILLBRAE CIRCLE, San Mateo Co., Calif. Lot No. 8.

Two-story frame and stucco residence (6 rooms), hardwood floors, tile baths, shingle roof, gas-fired hot air heating system.

Owner—E. M. Bauer, c/o architect.  
Architect—Angus McSweeney, 604 Mission St., San Francisco.

Announcement shortly.

## Contract Awarded

RESIDENCE Cost, \$15,000  
STOCKTON, San Joaquin Co., Calif.  
982 Oxford Way.

Two-story frame and stucco residence (9 rooms); garage.

Owner—Geo. C. Wollenburg.  
Architect—Not Given.  
Contractor—Wm. E. Reilly, 1300 Alameda St., Vallejo.

## Low Bidder

RESIDENCE Cost, \$4,000  
CASTRO VALLEY, Alameda County.

One-story frame residence (5 rooms) masonry floors, tile baths, shingle roof, gas furnace.

Owner—Withheld.  
Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Low Bidder—Arthur Holyoake, 2839 "B" Ave., Hayward.

## Contract Awarded

ADDITION Cost, \$35,000  
MOUNTAIN VIEW, Santa Clara Co., Calif.

One-story and basement reinforced concrete kitchen and help's dining room addition to seminary;

steel and wood sash, brick facing, maple floors, copper cornices, composition roof, heavy wood trusses, metal lath and plaster.

Owner—Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—J. J. Polay, 770 5th Ave., San Francisco.

General Contractor—E. Nommensen, 315 S. 17th St., San Jose.

Contract for general construction awarded E. Nommensen, at \$13,349.

Plumbing, heating, electric wiring, kitchen equipment, etc., to be done by day's work.

Sub Contracts Awarded

RESIDENCE Cost, \$.....  
ATHERTON, San Mateo Co., Calif.

One-story frame and wood siding



residence.

Owner—Philip Fitzgerald.  
 Architect—Gardner A. Dailey, 210 Post St., San Francisco.  
 Contractor—Aro & Okerman, Box 433, Palo Alto.

Plumbing—Lee & Sharp, 611 Emerson St.

Electric Wiring—Dingman's Electric Service, 1027 Allerton St., Redwood City.

Tile Work—Bloomquist Tile Co., 722 Clinton St., Redwood City.

Glass—Acme Glass Co., 851 Alma St.

Hardwood Floors—J. Hacklin, Grading—Everett Strain, Rt. 1, Box 339.

Foundations & Concrete—Joe Emma and C. Bivona, 813 E. Willow Road.

Lumber—Smith Lumber Co., 19th Ave. and Estuary, Oakland.

Mill Work—Pacific Mfg. Co., Santa Clara.

Lathing & Plastering—Ira T. Bridges, 654 Oberlin St.

All of Palo Alto, unless otherwise noted.

Contract Awarded  
 RESIDENCE Cost, \$6,500  
 SAN FRANCISCO, E 15th Avenue 217 S Ortega St.

One - story and basement frame and stucco residence.

Owner—Gabriel Adams 1422 25th Ave.

Architect—C. O. Clausen, 746 46th Avenue.

Contractor—C. L. Wold Const. Co.

Contract Awarded  
 RESIDENCE Cost, \$10,000  
 PIEDMONT, Alameda Co., Cal. 501 Blair Avenue.

Two - story frame and stucco residence (9 rooms) garage.

Owner—E. J. Close, Jr., 50 Bellevue Ave., Piedmont.

Architect—F. H. Slocombe, 131 Monteclair Ave., Oakland.

Contractor—H. E. Williams 839 Creed Road, Oakland.

Sub Contracts Awarded  
 RESIDENCE Cost, \$20,000  
 HILLSBOROUGH, San Mateo County, Calif.

Two-story frame residence, hardwood floors, tile baths, wood sash, etc.

Owner—Rene May, c/o Architect.

Architect—Leo Sharps, 1319 Howard Ave., Burlingame.

Contractor—Lengfeld & Ohnd, Ltd., 229 Third Ave., San Mateo.

Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.

Heating & Sheet Metal—B. B. Stern & Co., 241 Park Road, Burlingame.

Tile Work—Broomhall Art Tile Co., 1529 St. Francis Way, San Carlos.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Brick & Stone Work—C. Ohran & Sons, 1038 Chula Vista Ave., Burlingame.

Grading—L. C. Smith, 235 3rd Ave., San Mateo.

Contract Awarded  
 RESIDENCE Cost, \$5,500  
 OAKLAND, Alameda Co., Cal. 48th Ave. and Foothill Blvd.

Addition of two apartment penthouse (3 rooms each apt.)

Owner—Withheld.

Architect—Geo. P. Simonds, 80 Main Street, Hayward.

Contractor—W. C. Tait, 1395 Trestle Glen, Oakland.

Contract Awarded  
 RESIDENCE Cost, \$5,500  
 SAN FRANCISCO, 25th Ave. and Euclavitus Drive.

Two - story frame and stucco residence (7 rooms), steel sash, hot air oil burning heating system, composition roof, hardwood floors, tile baths.

Owner—C. Barrango, c/o Contractor.  
 Architect—D. E. Jaekle, 126 Post St.  
 Contractor—James W. McCabe, 716 Ulloa St.

Bids In—Held Under Advertisment  
 RESIDENCE Cost, \$5,000  
 PIEDMONT, Alameda Co., Calif.

Two - story frame and stucco residence (7 rooms), hardwood floors, tile baths, shingle roof, etc.

Owner—W. Gilbert, c/o Architect.

Architect—Frederick L. Confer, 3147 Claremont Ave., Berkeley.

Plans Being Figured—To Close July 29, 3:30 P. M.

RESIDENCE Cost, \$10,000  
 SUTTER CREEK, Amador Co., Cal.

Two - story frame, brick veneer and shingle residence (7 rooms), shake roof, air conditioning system, oil burning heating system, hardwood floors, tile baths.

Owner—Withheld.

Architect—Carl E. L. Norberg, 580 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

Sub-Contracts Awarded  
 RESIDENCE Cost, \$9,500  
 SAN MATEO Co., Calif.

Lot 12 Blk 4, Cornell and Irving.

Two - story frame and stucco residence.

Owner—C. D. Griffith, 214 Eaton Rd., San Mateo.

Plans by C. Friedell, San Mateo.

Contractor—E. S. Shaver, 1204 Edgell Hill Dr., Burlingame.

Roofing—Crowley & Baer Bros., 108 California Drive, Burlingame.

Plumbing—A. Dittmann, 1109 California Drive, Burlingame.

Electric Wiring—San Bruno Electric Co., 721 San Mateo Avenue, San Bruno.

Heating and Sheet Metal Work—Atlas Htg. & Vent. Co., 557 4th St., San Francisco.

Tile Work—Benetti Tile Co., 916 N. Humboldt St., San Mateo.

Glass—San Francisco Glass Co., 5234 Mission St., San Francisco.

Brick and Stone Work—M. J. Laloi, Alameda, San Bruno.

Grading—Bert Fisk, 358 N Eldorado St., San Mateo.

Lumber—Wilson Lumber Co., 1000 Broadway, Burlingame.

Mill Work—Nelson & Shirkey, 204 E. Lane St., Burlingame.

Hardware—Wilson Hdwe. Co., 201 2nd Ave., San Mateo.

Painting—A. Sorenson, 816 Park Ave., Burlingame.

Lathing and Plastering—W. A. Gould 630 Palo Alto Ave., Mtn. View.

Contract Awarded  
 RESIDENCE Cost, \$10,000  
 OAKLAND, Alameda Co., Calif. Mills College Campus.

One - story frame and stucco residence (7 rooms).

Owner—Daniel Dewey, 3586 Seminary Ave.

Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.

Contractor—John G. Brown, 5500 La Verne Ave., Berkeley.

**15—SCHOOLS**

Preparing Working Drawings  
 ALTERATIONS & ADDITIONS  
 Cost, \$35,000

ALUM ROCK, Santa Clara Co., Calif.

Move existing Pala School in parcels from present site. Capitol and

the new roads, to 30-acre site at northwest corner of White Road and Alum Rock avenue and construct addition of two classrooms, auditorium, cafeteria and toilet room of frame and stucco construction.

Owner—Alum Rock Union School

District (Principal, Thomas Ryan).

Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.  
 Alum Rock Union School District voted bonds July 14 in the amount of \$35,000, proceeds to finance construction.

Contract Awarded

INDUSTRIAL ARTS BLDG.

BAKERSFIELD, Kern County, Calif. Emerson Grammar School.

Industrial arts building, and laboratories at Emerson School.

Owner—Bakersfield Board of Education.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Contractor—A. J. Hendricks, 613 19th St., Bakersfield.

Complete bids follow:

A. J. Hendricks	.....	\$85,778
Henry Eissler	.....	91,000
L. H. Hansen & Son	.....	92,500
Opperman & Co.	.....	92,994
F. A. Greenough	.....	99,980

Contract Awarded

ALTERATIONS & ADDITIONS

COST, \$9,295

PORTERVILLE, Tulare Co., Calif.

One-story frame music building (45x60 ft.), addition and alterations to main school building at Porterville Union High.

Owner—Porterville Union High Sch. (B. B. Kreider, Clerk).

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Richmond Construction Co., Fresno.

Bids Wanted—To Close August 2, 7 P. M.

SCHOOL ADDITION Cost, \$100,000

OILDALE, Kern Co., Calif.

Additions to Primary Building. Owner—Standard School District, Arthur Hill, Clerk.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Plans and specifications are now on file at the Architect's office.

Bids will be opened Aug. 2, 7:30 a.m., in the office of the Board of Trustees, Standard School District, Oildale.

Bids Wanted

HIGH SCHOOL Est. Cost, \$50,000

WEAVERVILLE, Trinity Co., Calif.

One-story frame and stucco high school building.

Owner—Trinity County High School District.

Architect—Masten & Hurd, 442 Post St., San Francisco.

Closing date will be announced shortly.

Plans and specifications may be obtained from the office of the Secretary of the School Board, Weaver-

ville, and from the Architect's office upon deposit of \$25.

Bids will be opened in the Secretary's office.

Following have taken out plans:

W. K. Van Bokkelen, 439 23rd St., Oakland

H. L. Petersen, 731 Treat Avenue, San Francisco.

Empire Construction Co., Ltd., Russ Bldg., San Francisco.

Central Calif. Construction Co., 115 Burrows St., San Francisco.

BIDS WANTED

ELLWOOD, Santa Barbara Co., Cal.—Until July 29, 7:30 P. M., bids will be received by Ellwood Union School District for construction of a 2-room addition to Ellwood School, Santa Barbara county. Plans obtain-

able from Architect E. K. Lockard, 117 E De la Guerra St., Santa Barbara, upon deposit of \$10.

**Bid Call Cancelled**  
**ADDITION** Cost, \$7,000  
**PAJARO**, Monterey Co., Calif.  
 One classroom and arcade addition to the Pajaro School.  
**Owner**—Pajaro Grammar School District.  
**Architect**—Chas. E. Butler, 7 Winham St., Salinas.  
 Bid call scheduled to open July 19 was cancelled and will be readvertised later.

**Bids Rejected**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 Additions and alterations to Emerson School.  
**Owner**—Lodi Grammar School District.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.  
 Complete bids follow:  
 E. T. Wisner, 640 N. Calif. St., Lodi ..... \$2,939  
 A. A. Walters & Son, Lodi ..... 4,250  
 W. C. Hogerman, Lodi ..... 4,677.27  
 The low bid of Mr. Wisner was not accompanied by a certified check, and therefore was not considered.

**Bids Wanted**—To Close August 9, 8 P. M.  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One-room addition to Garfield School (brick veneer construction).  
**Owner**—Lodi Grammar School District.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$15.  
 Bids will be opened by the Board of Trustees of the Lodi School District, C. V. Thompson, Clerk, at the office of Superintendent of Schools in the Lodi Union High School.

**BIDS WANTED**  
**LA CANADA**, Los Angeles Co., Calif.—Until July 30, 8 p. m., bids will be received by La Canada School District for construction of a new classroom; also for the rf., gutters and conductors, screens, cases and cabinet work, plumbing, fire extinguishers and ptg. of a 2-room classroom building at the La Canada elementary school. Plans and specifications obtainable from Architects Walker & Eisen, 437 S. Hill St., Los Angeles, upon deposit of \$5. Certified or cashier's check or bond for 5% required.

**BIDS WANTED**  
**ALHAMBRA**, Los Angeles County, Calif.—Until Aug. 2, 8 p. m., bids will be received by Alhambra City High School District for alterations and additions to high school building, located on southwest corner of Third and Main Streets. Plans and specifications obtainable from secretary of the district, 308 W. Main St., upon deposit of \$5.

**Contract Awarded**  
**ALTERATIONS, ETC.**  
 Contract Price, \$2,988  
**TULARE COUNTY**, Calif.  
 Alterations and additions to Linwood School.  
**Owner**—Linwood School District  
**Engineer**—John D. Ferrine, 323 Bank of America Bldg., Visalia  
**Contractor**—J. E. Anderson, W. Tulare Ave., Visalia.  
 Only other bid submitted by Hodson & Sons, Porterville, at \$3,500.

**BONDS DEFEATED**  
**MODOC CO.**, Calif.—Modoc Union High School District defeated bond issue in the amount of \$143,000 on July 14. Proceeds were to have financed construction of a new high school.

**BOND ELECTION**  
**MADERA CO.**, Calif.—Dixie Land School District will vote on August 10 on a proposal to issue bonds in the amount of \$6,000, proceeds to finance construction of alterations and improvements to school buildings.

**BIDS OPENED**  
**SAN FRANCISCO**.—Following are complete bids submitted to the Department of Public Works, City Hall for moving four bungalows from the former Sunshine School at Dolores St. between 17th and 18th Sts., to the following four locations:  
 One to South End Marshall School yard, Capp St. near 16th St.  
 One to Upper Southeast yard of Dudley Stone School, Waller St. near Mason St. Ave.  
 One each to east side and north side of Laguna Honda School yard, 6th Ave. near Irving St.

**Marshall School**  
 D. J. & T. Sullivan, 1940 Folsom ..... \$188  
 Hanson Brothers ..... 340  
 Panson Brothers ..... 347  
 Kies-Crane Service ..... 423  
**Dudley Stone School**  
 D. J. & T. Sullivan ..... \$311  
 Pearson & Johnson ..... 340  
 Hanson Brothers ..... 656  
 Kies-Crane Service ..... 690  
**Laguna Honda School**  
 D. J. & T. Sullivan ..... \$222  
 Kies-Crane Service ..... 240  
 Pearson & Johnson ..... 340  
 Hanson Brothers ..... 340  
 Identical bids submitted on both bungalows to be moved to Laguna Honda School.

**BIDS OPENED**  
**SAN FRANCISCO**.—Love & Haun, 395 Collingwood Ave., at \$600, submitted low bid to the Dept. of Public Works, City Hall, for moving the fuel oil tank at Gallileo High School, Bay St. and Van Ness Ave.  
 Complete bids follow:  
 Love & Haun ..... \$600  
 Martin Murphy ..... 624  
 Kies-Crane Service ..... 749  
 Frank J. Reilly ..... 1131  
 S. F. Grading Co. ..... 1490

**Contract Awarded**  
**SCHOOL** Contract Price, \$9,594  
**MERCED COUNTY**. Located near Los Banos.  
 One-story frame school building (one classroom and one comb. classroom-auditorium with stage, supply room, toilet room) composition shingle roof or tile roof.  
**Owner**—Charleston School Dist. (Mrs. Geo. Holm, Clerk of Board).  
**Architect**—C. E. Ellinger, 1801 Catherine Road, Oakland.  
**Contractor**—F. H. Reddie, Los Banos.

**BIDS OPENED**  
**SAN FRANCISCO**.—State Sign Co., at \$150, submitted low bid to the Department of Public Works, City Hall, for lettering on Geo. Washington School.  
 Only other bid submitted by O. M. Robinson, at \$51.

**Bids Wanted**—To Close July 29  
**HIGH SCHOOL** Est. Cost, \$50,000  
**WEAVERVILLE**, Trinity Co., Calif.  
 One-story frame and stucco high school building.  
**Owner**—Trinity County High School District.  
**Architect**—Masten & Hurd, 442 Post St., San Francisco.  
 Closing date will probably be extended.

Plans and specifications may be obtained from the office of the Secretary of the School Board, Weaverville, and from the Architect's office upon deposit of \$25.

Bids will be opened in the Secretary's office.

Following have taken out plans:

W. K. Van Bokkelen, 439 23rd St., Oakland  
 S. Petersen, 731 Treat Avenue, San Francisco.  
 Empire Construction Co., Ltd., Russ Bldg., San Francisco.  
 Central Calif. Construction Co., 115 Burrows St., San Francisco.

**CONTRACT AWARDED**  
**TRACY**, San Joaquin Co., Calif.—George E. Greenwood, 614 West 9th St., Tracy, at \$2,925, submitted low bid and was awarded contract by the Tracy Elementary School District. Henry A. McCrory, Clerk, for repairs and extension of heating system at the West Park School.  
 Complete bids follow:  
 George E. Greenwood, Tracy ..... \$2925.00  
 George C. Bell, Oakland ..... 3220.00  
 Joseph Brown, Tracy ..... 3266.51

**SUB BIDS WANTED**  
**WEAVERVILLE**, Trinity Co., Cal.—W. K. Van Bokkelen, 439 23rd St., Oakland, is figuring plans and desires sub bids on all portions of the work for the construction of the Trinity County High School at Weaverville for which bids will be opened July 29.  
 Plans prepared by Architects Masten & Hurd, 442 Post St., San Francisco.

**SUB BIDS WANTED**  
**AUBURN**, Placer Co., Calif.—W. K. Van Bokkelen, 439 23rd St., Oakland, is figuring plans and desires sub bids on all portions of the work for the construction of the first unit of the Placer Junior College, for which bids will be opened July 26, 8:30 p. m.  
 Plans prepared by Architects Masten & Hurd, 442 Post St., San Francisco.

**Plans Completed**  
**SCHOOL** Cost, \$130,000  
**BAKERSFIELD**, Kern County, Cal.  
 Baker and Niles Streets (Washington School).  
 Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish.  
**Owner**—Bakersfield School District.  
**Architect**—Simm's Willard & Stanton Willard, architect, 215 Haberfeld Bldg., Bakersfield.

A three-year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.

**PREPARING PLANS**  
**BAKERSFIELD**, Kern Co., Calif.—Architect Chas. H. Biggar, 55 Haberfeld Bldg., Bakersfield, is preparing plans for a concrete and corrugated iron shop building to be built at the high school in Bakersfield for the Kern County Union High School District. Estimated cost, \$6000.

**BIDS WANTED**  
**WHITTIER**, Los Angeles Co., Cal.—Until August 2, 4 p. m., bids will be received by the Whittier Union High School District (bids to be submitted at the office of the Architect, Wm. H. Harrison, 1101 Architects Bldg., Los Angeles), for three bungalows, each 24x38 ft., to be built at the Whittier high school. Plans are available at the office of the architect upon deposit of \$25.

**CONTRACT AWARDED**  
**OAK VIEW**, Ventura Co., Calif.—J. & B. Construction Co., 5575 1/2 Valley Blvd., Los Angeles, awarded contract at \$21,000 for construction of classroom building at Oak View School in Ojai for Nordhoff Union Grammar School District. Roy C. Wilson and Geof-

ry. architects, Say Road, Santa Paula.

**PREPARING WORKING DRAWINGS**

**LOS ANGELES**  
**KERN CO., Calif.**—Perrine & Mackie (Herbert E. Mackie, architect), 908 Western Pacific Bldg., Los Angeles, are preparing working plans for a new school building to be built about 5 miles west of Shafter, Kern county, for the Maple School District. It will contain 5 classrooms, auditorium, shop and cafeteria; frame and stucco construction, tile and metal roof, gas floor furnaces, maple floors, wood sash; estimated cost, \$65,000. Plans will go to the state architect about Aug. 15.

**BIDS WANTED**

**GLENDALE, Los Angeles Co., Cal.**—Until Aug. 3, 4 p.m., (bids to be opened at 8 p.m.), bids will be received by the Glendale Board of Education for construction of a new reinf. concr. student union building (35x75 ft.) at Glendale Junior College, 1500 N. Verdugo Rd., Glendale. Bidding data may be obtained from the business manager, 411 E. Wilson Ave. George M. Lipdsey, architect.

**BIDS WANTED**

**SAN FRANCISCO.**—Until July 28, 1:45 p.m., informal bids will be received by the Dept. of Public Works, City Hall, for furnishing and installing No. 12 gauge galvanized steel plates with felt gaskets around smoke vent, with galvanized weathering pieces, in the auditorium over stage at Girls' High School, Geary and Scott Streets. Specifications may be obtained from the office of Superintendent of Public Bldgs., R. A. Chisholm, 484 11th St.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—M. E. Vukicevich, 666 Mission St., at \$2,491, was awarded contract by the Dept. of Public Works, City Hall, for laying wood floors and thresholds in the Douglas School, Collingwood and 19th Streets.

**BIDS WANTED**

**COALINGA, Fresno Co., Calif.**—Until August 18, 7:30 p.m., bids will be received by T. H. Robinson, Secretary, Coalinga Union High School District, 229 Fifth Street, for one single surfacer, complete with jointing and knife setting devices, wrenches, etc.

Plans and specifications may be obtained from above office.

**BIDS WANTED**

**SAN RAFAEL, Marin Co., Calif.**—Until August 3, 8:00 p.m., bids will be received by Oliver R. Hartzell, Secretary of the Board of Education, San Rafael, for the construction of playground surfacing on the grounds of the B Street School, San Rafael. Plans and specifications may be obtained from the above office.

**Plans Approved**

**RECONSTRUCTION** Cost, \$12,000  
**BERKELEY, Alameda Co., Calif.**  
 Reconstruction of Hillside auditorium.

Owner—Berkeley Board of Education.

Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Consulting Architect—E. T. Spencer, Spreckels Bldg., San Francisco.

Application has been filed with the PWA for a grant to assist in financing the reconstruction.

**Contracts Awarded**

**RECONSTRUCTION**  
**BERKELEY, Alameda Co., Calif.**  
 Claremont Ave.  
 Reconstruction of John Muir School,

Jefferson School, and Lincoln School.

Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St., Berkeley.

Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Consulting Architect—Wm. C. Ambrose, Berkeley Board of Education.

Principal contract awards for furnishing construction materials for the three schools listed above (all WPA projects), follow:

White Electric Co., 2305 Shattuck Ave., Berkeley—\$3,987.87 for electrical materials and rough hardware, etc.

E. K. Wood Lumber Co., Frederick and King Sts., Oakland—\$2,428.06 for lumber.

C. Markus Hardware Co., 7th and Washington, Oakland—\$765.48, for plumbing materials and fixtures.

Gleason Steel Products Co., 1310 63rd St., Oakland—\$540.97, for metal-covered doors.

Associated Hardware Co., 3862 San Pablo Ave., Oakland—\$624.73, for finish hardware.

Grinnell Co. of the Pacific, 2230 Peralta St., Berkeley—\$502, for sprinkler alarm system.

Crane Co., Oakland—\$535.50, for unit heaters.

A. M. Castle & Co., 1301 59th St., Oakland—\$493.56, for reinforcing bars and wire.

D. E. Walt, Oakland—\$355.35, for power saw.

Ducommun Metal & Supply Co., 656 Townsend St., San Francisco—\$257.88, for nails.

Hager Sash & Door Co., 1290 Cedar St., Oakland—\$274, for sash, and doors.

O. P. Shelley Bldg. Materials, Oakland—\$148.54, for safety tread.

**Sub Contracts Awarded**

**SHOE BLDG.** Cont. Pr., \$22,680  
**HANFORD, Kings Co., Calif.**  
 Frame and stucco agriculture shop building (composition roof, wood trusses).

Owner—Hanford Union High School District.  
 Architect—D. H. Horn, 433 Rowell Bldg., Fresno.

Contractor—Chas. Beck, Hanford.  
**Roofing—Glover Roofing Co., P.O. Box 215, Visalia.**

**Plumbing—Ford & Bery, 217 W. 7th St., Hanford.**

**Electric Wiring—Le Cavalier Electric Shop, 207 N. Douty Street, Hanford.**

**Iron Grille Work—Kvle & Co., 346 G St., Fresno.**

**Lumber, Mill & Hardware—Central Lumber Co., 5th and Douty Sts., Hanford.**

**Painting—Carlson & Ahlen, 108 E. 6th St., Hanford.**

**Lathing & Plastering—Joe Costa, 423 W. Florida St., Hanford.**

**Contractor—A. Macdonald, 1400 North Irwin St., Hanford.**

**Contract Awarded**

**SHOP & GYM** Cont. Pr., \$78,842  
**AVENAL, Kings Co., Calif.**  
 One - story frame and stucco shop and gymnasium building on the grounds of Avenal High School.

Owner—Lemoore Union High School District.  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.  
 Contractor—N. H. Sjoberg and Son, 5604 E 16th St., Oakland.

**BONDS VOTED**

**ALUM ROCK, Santa Clara Co., Cal.**—Alum Rock Union School District voted bonds in the amount of \$35,000 July 14, proceeds to finance the construction of school improvement.

**Preparing Working Drawings**

**ADDITIONS** Cost, \$.....  
**MODESTO, Stanislaus Co., Calif.**  
 Two-classroom and corridor addition to the Woodrow Wilson Grammar School and two-classroom & corridor addition to the Ensien Grammar School, reinforced concrete footings, frame and stucco buildings, with tile roofs.

Owner—Modesto City School Board of Education.

Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Plans will be completed and general bids taken about August 2nd.

**BIDS OPENED**

**SAN FRANCISCO.**—M. E. Vukicevich, 666 Mission St., at \$2,491, submitted low bid to the Department of Public Works, City Hall, for laying wood floors and thresholds in the Douglas School, Collingwood and 19th Streets.

Complete bids follow:  
 M. E. Vukicevich ..... \$2491  
 Frank J. Reilly Co. .... 2781  
 Peter Sartorio ..... 2838  
 Jacks & Irvine ..... 2987  
 C. C. W. and H. H. Haun. .... 3140

**CONTRACT AWARDED**

**MONTEBELLO, Los Angeles Co., Calif.**—J & B Constr. Co., 5572 Valley Blvd., Los Angeles, awarded contract by Montebello Unified School District, at \$50,049, for construction of a 1-story school building at the Bell Gardens School in Montebello. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

**CONTRACT AWARDED**

**SOQUEL, Santa Cruz Co., Calif.**—Chas. F. Condat, 652 Soquel Ave., Santa Cruz, at \$1,228.35, submitted low bid and was awarded contract by the Soquel Union School District, Rura Brown, Clerk, for painting and redecorating at the Soquel School.

Complete bids follow:  
 Chas. F. Condat, Santa Cruz \$1,228.35  
 C. W. Lynds, San Jose ..... 1,275.00  
 Pacific Painting & Decorating Co., Oakland ..... 1,774.00

C. H. Holton, Santa Cruz ..... 1,965.25  
 M. Bowles & Son, Capitola ..... 2,237.00  
 T. H. Dean, Santa Cruz ..... 2,650.00  
 Hamilton and Church, Santa Cruz ..... 2,775.00

W. H. Nunes, Soquel (outside painting only) ..... 848.00

**BIDS WANTED**

**HORN BROOK, Siskiyou Co., Cal.**—Until July 26, 8 p.m., bids will be received by the Hornbrook California School District, Frank H. Lowe, clerk, for construction of a three-room frame school building. One story and part basement. General contract will include painting, plumbing, wiring and heating.

Plans and specifications may be obtained from the clerk of the Sch. District of Hornbrook, California, or from the architect, Clark & Kenney, Medford, Oregon, upon deposit of ten dollars. Bids will be opened at the residence of the clerk, Hornbrook.

**BIDS OPENED**

**SAN FRANCISCO.**—Ocean Shore Iron Works, 550 8th St., submitted low bids to the Department of Public Works, City Hall, for the following:

Emerson School, Pine near Divisadero Sts., retube one Pacific boiler (steel) 61-3-in. tubes. Install six gaskets to slides to flange nipples on both sides of boiler and repair all damage done to asbestos caeves—\$296.48.

High School of Commerce, Van Ness Avenue and Fell St., furnish and install 50 1 1/2-in. tubes, 42 in. long in hot water heater and remove old tubes \$138.45.

Gough School, Washington and Gough Sts., repairs to heating boiler, installing new sets of tubes, new 3/4-in. tube head and replacement of all material taken and necessary to do this work—\$205.12.

**Contracts Awarded**  
SCHOOLS ADDN Cost, \$.....  
WOODLAND, Yolo Co., Calif.

Addition of three-classroom unit of concrete construction (tile roof, etc.), and interior finish and plumbing fixtures in repair work on boys' gym and interior finish and plumbing fixtures in men and women's lavatories, in Athletic field bleachers, at Woodland High School.

Owner—Woodland High School Dist. Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

General Construction—Chas. F. Unger, 2426 7th Ave., Sacramento, \$25,885.

**Heating and Plumbing**—Woodland Plumbing and Hardware Co., 427 Main St., Woodland, \$3,485.

Separate bids were received on Item (1) general construction; (1a) cement floor in dressing room in boy's gym; (1b) men and women's toilet rooms in athletic field bleachers, and Item (2) heating and plumbing.

Complete bids follow:  
**General Construction**

Chas. F. Unger, Sacramento: \$23,979; (1a) \$713.

Empire Const. Co., Ltd., San Francisco: \$24,786; (1a) \$760; (1b) \$1,220.

Anton Paulsen, Woodland: \$24,972; (1a) \$713; (1b) \$1,556.

John E. Branaugh, Piedmont: \$25,470; (1a) \$505; (1b) \$1,870.

George Petersen, San Leandro: \$26,769; (1a) \$1,062; (1b) \$1,495.

W. K. Van Bokkelen, Oakland: \$26,953; (1a) \$450; (1b) \$1,142.

N. H. Sjoberg & Son, Oakland: \$27,374.

C. M. Norgrove, Berkeley: \$29,250.

**Heating and Plumbing**

Woodland Plbg. & Htg. Co.: \$3,485.00

F. McGrew, Woodland: 3,527.93

The Scott Co., Oakland: 4,100.00

**Bids Opened**

SCHOOL.

MERCED COUNTY. Located near

Los Banos

One-story frame school building (one classroom and one combined classroom auditorium with stage, supply room, toilet room), composition shingle roof or tile roof.

Owner—Charleston School District (Mrs. George Holm, Clerk of Board).

Architect—G. E. Ellinger, 1501 Casterline Road, Oakland.

Low Bidder—F. H. Riedle, Los Banos—\$9,394

Bids were taken with the following alternate (a) add for tile roofing instead of composition shingles.

Complete bids follow:

F. H. Riedle, Los Banos—\$9,594;

(a) \$340.

C. D. Jones, Los Banos—\$10,600;

(a) \$365.

Willis F. Lynn, Oakland—\$12,980;

(a) \$450.

**BIDS WANTED**

MARYSVILLE, Yuba Co., Calif.—

Until July 31, 2 p. m., bids will be received by the Rose Bar Elementary School District, Thomas Mooney, Clerk, for construction of a one-room frame school house in the Rose Bar Elementary School District, at Smartville.

Plans and specifications are on file in the office of the Superintendent of Schools at Marysville.

**CONTRACT AWARDED**

VISALIA, Tulare Co., Calif.—J. J. Bede, 1018 E. Mineral King, Visalia,

at \$1,850, submitted low bid and was awarded contract by Visalia School District, F. C. Combs, Secretary, for constructing a one-room school bldg. at the Carrie Barnett school grounds, bounded by North Court St., NE 5th Ave., Grape St., and NE 4th Ave.

Complete bids follow:

J. J. Bede, Visalia.....\$1,850.00

T. T. Godsey, Visalia.....1,875.50

R. Hodgson & Sons, Forterville.....2,250.00

James E. Anderson, Visalia.....2,317.75

**Bids Wanted—To Close August 2,**

5 P. M.

SCHOOL ADDITIONS Cost, \$.....

KERN CO., Calif. Shafter and McFarland.

Additions to Shafter and McFarland High Schools and Central Heating Plant for Shafter High School—Kern County Union High Sch. District, C. P. Moore, Clerk.

Owner—Symmes & Willard; Stanton Willard, architect; 215 Harberfield Bldg., Bakersfield.

Plans and specifications may be obtained at the office of the Architects upon deposit of \$10.

Bids will be opened in the office of the Board of Trustees.

Bids will be received at the Office of the Business Manager, Kern Co. Union High School, and will be opened in the office of the Board of Trustees at the said school at or about 7:30 p. m., on the same day.

**16—BANKS, STORES AND OFFICES**

**Contract Awarded**

ALTERATIONS Cont. Price, \$12,430

BERKELEY, Alameda Co., Cal. NE

Cor. Colusa and Solano Avenues.

Alterations and additions to bldg.

Owner—Thousand Oaks Masonic Temple Assn.

Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Contractor—C. M. Norgrove, 2222 Roosevelt St., Berkeley.

**Being Done By Day's Work**

REMODEL STORE Cost, \$10,000

NAPA, Napa Co., Calif. First Street.

Remodel store building.

Owner and Builder—S. Gordon.

Lessee—J. C. Penny Company.

Plans by—C. Leroy Hunt, 989 2nd St., Napa.

**Contract Awarded**

STOCK BROKER'S OFFICE

Cost, \$10,000

SAN FRANCISCO. Russ Bldg. (Pine and Montgomery Sts.).

Install new stock broker's office.

Owner—Watson & Co., Russ Bldg.

Architect—Kent & Hass, Underwood Bldg.

Contractor—Find & Schindler Co., 552 Brannan St.

**Plans Being Prepared**

STORE BLDG. Cost, \$135,000

BURLINGAME, San Mateo Co., Cal.

1408 Burlingame Ave. bet. Primrose Road and El Camino Real.

Three-story, basement and mezzanine store building (approx. 55x150').

Owner—Mrs. May Bridge, San Francisco.

Lessee—Montgomery, Ward & Co.

Plans by Engr. Dept. of Lessee, Chicago office.

Plans will be completed and general bids asked in about 3 months.

**Sub-Contracts Awarded**

ALTERATIONS, ETC. Cost, \$30,000

STOCKTON, San Joaquin Co., Calif.

940 East Park Street.

Alterations & additions (install mezzanine floor).

Owner—D. H. Steinmetz, 940 E Park Street, Stockton.

Architect—Not Given.

Contractor—Ford J. Twaits Co., 816

W 5th St., Los Angeles.

**Plumbing**—Miller-Hays Co., 742 East

Weber Avenue.

**Electric Wiring**—Hild Electric & Mfg.

Co., 125 W Main St.

**Mill Work**—Electric Planning Mill, 545

S Monroe Street.

**Elevator**—Otis Elevator Co., 1st National Bank Bldg.

All of Stockton.

**Contract Awarded**

ALTERATIONS Cont. Pr., \$23,960

REDWOOD CITY, San Mateo Co., Calif., 2206 Broadway.

One story reinforced concrete and frame addition (40x50 ft.), and alterations to California Pacific Title & Trust Co. Bldg.

Owner—California Pacific Title & Trust Co. (T. J. Hallinan, Mgr.).

Architect—Capt. E. L. Norberg, 680 Market St., San Francisco.

Contractor—H. H. Larsen, 64 South Park Ave., San Francisco.

**PLANS BEING FIGURED**

LOS ANGELES, Cal.—Architect S.

Charles Lee, 1648 Willshire Blvd., is taking bids until July 20 from a selected list of contractors for completely remodeling both interior and exterior of a 4-story reinforced concrete building at 633 S Broadway for the LeRoy Diamond Co.; Burke & Kober, 402 Architects' Bldg., and B. R. Farabee are associated with Mr. Lee on the project.

**PLANS BEING FIGURED**

CULVER CITY, Los Angeles Co., Cal.—Until July 21, Capital Co., 643 S Olive St., Los Angeles, is taking bids for remodeling a bank building in Culver City for Bank of America.

**PREPARING WORKING DRAWINGS**

LOS ANGELES, Cal.—Architects John and Donald E. Parkinson, 808

Bankers' Bldg., are preparing working plans for a new reinforced concrete, 5-story unit (50x150-ft.) to be added to the Broadway Department Store's Bldg. at the corner of Hollywood and Vine St. A contractor has already been selected to construct the building. Work scheduled to start in January, 1938.

**Contract Awarded**

STORE BLDG. Cost, \$12,500

SAN FRANCISCO. SE Market and McCoppin Sts.

One-story frame store building.

Owner—Judson Estate Co., c/o contractor.

Architect—Bliss & Fairweather, 1008

Baibco Bldg.

Contractor—J. Harold Johnson, 666

Mission St.

**Contract Awarded**

STORE BLDG. Cont. Pr., \$13,770

SAN JOSE, Santa Clara Co., Calif.

The Alameda.

One-story concrete store building.

Owner—Herbert Jones, c/o Architect.

Lessee—Safeway Stores, Inc.

Architect—Binder & Curtis, 25 West

Market and Santa Clara Sts.

Contractor—H. A. Bridges, 1298 Lincoln Ave., San Jose.

**Planned**

ADDITION Cost, \$.....

SAN JOSE, Santa Clara Co., Calif.

Market and Santa Clara Sts.

Addition of a fourth floor to present Hart's department store.

Owner—L. Hart & Son, Inc. (A. J. Hart, President).

Architect—Not Given.

**Contract Awarded**

ALTERATIONS Est. Cost, \$30,000

BAKERSFIELD, Kern Co., Cal. 19th and K Streets.

Alter interior and exterior of store

blig. (new tile and metal front).  
 Owner — Federal Outfitting Co., 766  
 Mission St., San Francisco.  
 Architect—Earl B. Bertz, 681 Market  
 St., San Francisco.  
 Contractor — Max Hiltzman, 3017  
 Buckingham Road, Los Angeles.

**COMPLETING WORKING  
 DRAWINGS**

LOS ANGELES, Cal.—Architect S.  
 O. Clements, 1136 Van Nuys Bldg.,  
 is completing working plans for a 5-  
 story and part 6-story reinforced  
 concrete Class A office building, 60x  
 155 feet in area, to be built at 1033  
 S Hope St., for Pacific Employers'  
 Insurance Co.

Contract Awarded  
**REPAIR BLDG.** Cost, \$14,218  
**BURLINGAME, San Mateo Co., Calif.**  
 1462-66 Burlingame Ave.  
 Repair fire damage to building.  
 Owner—R. B. Wuritzer, 1050 Vista  
 Road, San Mateo.  
 Plans — L. C. Simpson.  
 Contractor—Ira W. Coburn, 2048 Mar-  
 ket St., San Francisco.

**18—WHARVES & DOCKS**

July 20, 1937.

**CONTRACT AWARDED**  
**SAN FRANCISCO.**—Grinnell Co.  
 of the Pacific, 601 Brannan St., at  
 \$3,136, awarded contract by the State  
 Department of Public Works, C. H.  
 Purcell, Chief Engineer, Room 811,  
 500 Sansome St., San Francisco, for  
 construction of automatic sprinkler  
 revisions, and installation at Harbor  
 Piers 24, 26 and Shed 24-26.

**19—MISC. CONSTRUCTION**

Bids In—Held Under Advertisment  
**DRESSING ROOM** Cost, \$.....  
**MOUNTAIN VIEW, Santa Clara Co.,**  
 Calif. St. Joseph's College.  
 Addition of one-story frame dressing  
 room to existing swimming pool.  
 Owner—St. Joseph's College.  
 Architect—Binder & Curtis, 25 West  
 San Carlos St., San Jose.  
 Announcement shortly.

**BIDS OPENED**

**PEARL HARBOR, T. H.**—Kalten-  
 beck Corp., Cleveland, Ohio, at \$21-  
 316 (Item 1), \$109,816 (Item 2), sub-  
 mitted low bid to Bureau of Yards  
 & Docks, Navy Department, Wash-  
 ington, for crane-dredge and Diesel  
 electric generating equipment install-  
 ed on pontoon at Navy Yard, Pearl  
 Harbor; Spec. 8491.

**BIDS OPENED**

**SACRAMENTO.**—Henry Finnigan,  
 174 16th St., at \$1996, submitted  
 low bid to the State Dept. of Public  
 Works for removal of 18 houses  
 from 5th Ave. to Santa Cruz Way  
 and to 44th St., preparatory to widen-  
 ing 5th Ave.  
 Only other bid submitted by L. F.  
 Gould, Sacramento, at \$2,586.50.  
 Joseph Pedone, Sacramento, at \$8-  
 343 1/4, bid on seven houses only.

**Rfd Opening Date Postponed**

**PAVILION** Cost, \$.....  
**HILLSBOROUGH, San Mateo Co.,**  
 Calif. Caroland.

One-story frame pavilion with lead-  
 clad roof.  
 Owner — Walter Foster, c/o Archi-  
 tect.

Architect — Angus McSwiney, 604  
 Mission St., San Francisco.

Following selected contractors are  
 figuring plans:

D. B. Gladstone, 557 Market St.,  
 San Francisco.  
 Mooney & MacDonald, 1475 Burlingame  
 Ave., Burlingame.

Geo. W. Williams Co., 315 Primrose  
 Road, Burlingame.

Bid opening date postponed from  
 July 16 until this week. No definite  
 date set

Plans Being Figured  
**ALTERATIONS & ADDITIONS**  
 Cost, \$40,000  
**BAY MEADOWS, San Mateo Co.,**  
 Calif.

Alterations and additions to Bay  
 Meadows clubhouse; extend two  
 top floors of clubhouse on the  
 north to the end wall of the  
 grandstand, with runway beneath  
 for passage to paddock; addition-  
 al box seats, mutual windows,  
 and booths.

Owner—California Jockey Club (Wm.  
 P. Kine, General Manager).

Architect—Not Given.  
 Plans are being figured by a se-  
 lected list of contractors.

**CONTRACT AWARDED**

**CULVER CITY, Los Angeles Co.,**  
 Calif.—Meyers Bros., 3407 San Fer-  
 nando Road, Los Angeles, awarded  
 contract for construction of a power  
 plant building, 91 x 139 feet in area,  
 in Culver City for Metro-Goldwyn-  
 Mayer Studios; cost, \$48,500.

**CONTRACT AWARDED**

**WATSON, Calif.**—C. F. Braun &  
 Co., Alhambra, have been awarded  
 the contract to construct the new  
 Richfield Oil Co.'s refinery at Wat-  
 son, Calif. Cost of labor, material,  
 and equipment will total \$4,000,000.  
 The owner will expend an additional  
 \$1,000,000 for special equipment.

**CORRECTION—BIDS WANTED**

**FLORENCE, Pinal Co., Arizona.**—  
 Until August 3, bids will be received  
 by the San Carlos Irrigation District  
 Florence, for the construction of 125  
 miles of transmission lines in Pinal  
 and Gila counties. Estimated cost,  
 \$140,000. Arthur A. King, chief en-  
 gineer.

Plans and specifications may be  
 obtained from the above office.

**SUB CONTRACTS AWARDED**

**LOS ANGELES, Calif.**—Robert E.  
 McKee, Central Bldg., reports sub-  
 contracts for the main station build-  
 ings under construction on Alameda  
 Street, between Aliso and Macy Sts.,  
 for the Los Angeles Union Passen-  
 ger Terminal, awarded as follows:  
 Soule Steel Co., 6300 Wilmington  
 Ave., placing of reinforced steel and  
 mesh; Soule Steel Co., steel sash;  
 Consolidated Rock Products Co., 2730  
 S. Alameda St., batching, mixing and  
 delivering of concrete; Raphael Glass  
 Co., 1148 S. Los Angeles St., glass  
 and glazing; Steelform Contr. Co.,  
 832 E. Gage St., metal pans; F. K.  
 Pullen Co., 1199 N. Lake St., Pasa-  
 dena, damp-proofing; Havetad Linole-  
 um & Carpet Co., Box 816, Glendale,  
 linoleum; Trade & Import Co., 204  
 N. Avenue 33, marble and tile; E. L.  
 Wilcox, 2071 Laura Ave., Huntington  
 Park, rf. lights.

**Work Indefinitely Postponed**

**DRESSING ROOM** Cost, \$.....  
**MOUNTAIN VIEW, Santa Clara Co.,**  
 Calif. St. Joseph's College.  
 Addition of one-story frame dressing  
 room to existing swimming pool.  
 Owner—St. Joseph's College.  
 Architect—Binder & Curtis, 25 West  
 San Carlos St., San Jose.

Bids were rejected because they  
 exceeded estimated cost and work  
 has been postponed.

**BIDS WANTED**

**LEBEC, Kern Co., Calif.**—Until Aug-  
 ust 17, 2 p.m., bids will be received  
 by the State Division of Architecture,  
 George B. McDougall, State Archi-  
 tect, Public Works Bldg., 12th and N

Sts., Sacramento, for construction of  
 a truck weighing station, near Lebec.  
 Work will consist of one-story frame  
 weighing house, one-story frame  
 pump house, scale pit, concrete scale  
 platform, water well, and other mis-  
 cellaneous work.

Plans and specifications may be  
 obtained from the office of the Di-  
 vision of Architecture, Public Works  
 Building, Sacramento, and at Room  
 803, State Office Building, Los An-  
 geles, upon deposit of \$25.

**BIDS OPENED**

**YERBA BUENA SHOALS, Cal.**—  
 A. W. Kitchen & Co., 110 Market St.,  
 San Francisco, at \$35,167, submitted  
 low bid to the Public Utilities Com-  
 mission, City Hall, San Francisco,  
 under Exposition Contract No. 18, for  
 piling work for the Main Entrance  
 (North and South Towers and Wall  
 No. 6), East Courts, East Towers  
 (North) East Tower (South) of San  
 Francisco Bay Exposition.

Complete bids follow:  
 A. W. Kitchen & Co. .... \$35,167  
 Add or ded. per pile ..... 30.50  
 Clifton Const. Co. .... 36,900  
 Add or ded. per pile ..... 30.00  
 Healy-Tibbitts Const. Co. .... 36,950  
 Add or ded. per pile ..... 31.50  
 Duncanson-Harrelson Co. .... 37,130  
 Add or ded. per pile ..... 31.30  
 M. B. McGowan, Inc. .... 37,234  
 Add or ded. per pile ..... 33.00  
 All of San Francisco.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Austin Co.,  
 777 E. Washington Blvd., awarded  
 contract for construction of a 3-  
 story reinf. concrete slaughter room  
 at 3026 E. Vernon Ave. for Luer  
 Packing Co. Boyd I. Means, struc-  
 tural engineer, 5905 Pacific Blvd.,  
 Huntington Park.

Contract Awarded  
**VAULT** Cost, \$11,314  
**CYPRESS LAWN CEMETERY, San**  
**Mateo Co., Calif.**  
 Concrete vault.  
 Owner—Walter Sinforth, et al.  
 Architect—Charles F. Strothoff, 2274  
 15th St., San Francisco.  
 Contractor—Daniels Contracting Co.,  
 San Francisco.

**CONTRACT AWARDED**

**CULVER CITY, Los Angeles Co.,**  
 Calif. — Viking Automatic Sprinkler  
 Co., 2715 E. 12th St., Los Angeles,  
 awarded contract, at \$23,187, for an  
 automatic sprinkler system to be in-  
 stalled in five new sound stages to  
 be built at the Metro-Goldwyn-May-  
 er Studios in Culver City. Austin Co.,  
 general contractors.

**BIDS OPENED**

**BERKELEY, Alameda Co., Calif.**—  
 Fred Medart Mfg. Co., 126 Post St.,  
 San Francisco; \$5,414; Ait., \$1385.  
 C. J. Waterhouse Co., \$5,925; Ait.,  
 \$1,470.  
 Horn Folding Partition Co., \$5,940;  
 Ait., \$1,455.  
 Wayne Iron Works, \$7,901.13; Ait.,  
 \$1,971.42

Total bids follow:  
 Fred Medart Mfg. Co., 126 Post St.,  
 San Francisco; \$5,414; Ait., \$1385.  
 C. J. Waterhouse Co., \$5,925; Ait.,  
 \$1,470.  
 Horn Folding Partition Co., \$5,940;  
 Ait., \$1,455.  
 Wayne Iron Works, \$7,901.13; Ait.,  
 \$1,971.42

**BIDS WANTED**

**SAN FRANCISCO.**—Until July 28,  
 1:45 p.m., informal bids will be re-  
 ceived by the Dept. of Public Works,  
 Room 251, City Hall, for constructing  
 a wire fence to enclose overflow  
 main sewer 100 ft west of Junipero  
 Serra Blvd., near Estro Ave.

Specifications may be obtained from the office of Sup't of Public Bldgs., R. A. Chisholm, 484 11th St.

## 20—MISC. SUPPLIES AND MATERIALS

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Truscon Steel Co., 5480 E. Slauson Ave., Los Angeles, at \$641,329, was awarded contract by Los Angeles County Supervisors for 215,300 lb. of round deformed reinforcing steel for Nichols Canyon debris basin, concrete conduit and appurtenant structures in Hollywood, for trucks at site of the work.

### BIDS OPENED

**BERKELEY, Alameda Co., Calif.**—Following submitted bids to the Berkeley City Council, City Clerk, Berkeley, for 500 gallons, more or less, of lacquer.

Bids submitted per gallon on (1) black, (2) white, (3) yellow, (4) red, and (5) orange.

Total bids follow:

Dan P. Maher Paint Co., 55 New Montgomery St., San Francisco—(1) \$1.18, (2) \$1.18, (3) \$1.30, (4) \$1.74, (5) \$1.43.

Loudbeck Hardware Co., 2110 Center St., Oakland—(1) \$1.10, (2) \$1.20, (3) \$1.37, (4) \$1.96, (5) \$1.55.

W. P. Fuller & Co., 301 Mission St., San Francisco—(1) \$1.19, (2) \$1.25, (3) \$1.35, (4) \$1.90, (5) \$1.70.

National Lead Co., 2240 24th St., San Francisco—(1) \$1.26, (2) \$1.50, (3) \$1.40, (4) \$2.05, (5) \$1.74.

Sherwin-Williams Co., 1450 Sherwin Ave., Oakland—(1) \$1.33, (2) \$1.48, (3) \$1.50, (4) \$2.05, (5) \$1.70.

M. Freedman Paint Co., Inc., 1816 San Pablo, Oakland—(1) \$1.40, (2) \$1.55, (3) \$1.65, (4) \$2.40, (5) \$1.85.

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Commercial Iron Works, Portland, Ore., at \$49,399.03 (including taxes and frt.), was awarded contract by the Metropolitan Water District, for five steel delivery gates, Spec. 220. The prices f.o.b. Portland, exclusive of taxes, was \$45,261.

### BIDS OPENED

**LOS ANGELES, Calif.**—Asphalt Paving Materials Co., 3430 Warner Lane, at \$11,546 submitted the low bid to the U. S. Engineer, Los Angeles, for furnishing asphalt concrete as follows:

Lot No. 1, delivered to Culver Blvd. bridge:

(1) 2275 tons asphalt concrete base;  
(2) 1140 tons asphaltic concrete wearing surface.

Lot No. 2, delivered to Arroyo de los Jardines:

(1) 440 tons asphaltic concrete base;  
(2) 220 tons asphaltic concrete wearing surface.

Circ. Prop. No. 1. The complete bids were:

Asphaltic Paving Materials Co.: Lot 1 (1) \$2.90; (2) \$2.90; total, \$9,676. Lot 2, (1) \$2.80; (2) \$2.80; total, \$1870; grand total, \$11,546; disc. 1/2 of 1% 20 days.

Pacific Rock & Gravel Co.: Lot 1 (1) \$2.99; (2) \$3.07; total, \$10,302.05; Lot 2 (1) \$3.02; (2) \$3.09; total, \$2,008.60; grand total, \$12,310.65; net.

Oswald Bros.: Lot 1 (1) \$3.05; (2) \$3.25; total, \$10,643.07; Lot 2 (1) \$3.05; (2) \$3.25; total, \$2057; grand total, \$12,700.70; net.

P. J. Akmdzich: Lot 1 (1) \$3.20; (2) \$3.35; total, \$11,099; Lot 2 (1) \$3.20; (2) \$3.35; total, \$2145; grand total, \$13,244; net.

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Union Hardware & Metal Co., at \$19,639.80 on

Items 1 to 19 inc. and Anaconda Wire & Cable Co., at \$4873.28, on Item 20, were awarded contracts by the Metropolitan Water District, under Spec. 223, for copper bars and tubes.

### CONTRACTS AWARDED

**PETALUMA, Sonoma Co., Cal.**—The Petaluma City Council, City Hall Petaluma, awarded following contracts for improving Thompson Creek by construction of a concrete drain tube from north side of Sixth Street to the south side of Fifth Street.

Work involves:  
(1) 600 sacks portland cement conforming with the requirements of standard specifications for portland cement (Spec. C9-21) of the American Society of Testing Materials;

(2) 480 tons of coarse aggregate;  
(3) 290 tons of fine aggregate;  
(4) 8 tons of 65-lb. steel rails.

G. P. McNear, Petaluma (Item 1) \$68 per cloth sack, with a credit of 10 cents for each returned in good condition, and a discount of 2 1/2%.

Northwest Material Co., San Francisco (Item 2) \$1.48 per ton; and (Item 3) \$1.58 per ton.

Beattie Steel Supply Co., Oakland (Item 4) \$3,265 per hundred.

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Electric Wholesale Mart, 1375 N. Broadway, Los Angeles, at \$322,93, awarded contract by Metropolitan Water District Purchasing Agent, Los Angeles, for conduit and fittings to all valves, gates and motors for Iron Mountain pumping plant at Rice; Bid 85858.

Total bids follow:  
Electric Corp., \$232,93; G. E. Supply, \$2359.40; L. E. Marsh, \$2370.12; Assoc. Wholesale Elec. Co., \$2383.04; Myers Elec. Sup. Co., \$289.39; Cook Nichols Co., \$2395.72; Reiman Wholesale Elec. Co., and Listenwaller & Co., identical bids at \$2395.80; Standard Wholesale Elec. Co., \$2,400.12; Graham-Reynolds Elec. Co., Calif. Wholesale Elec. Co., and Westinghouse Elec. Sup. Co., identical bids at \$2401.73; Graybar Elec. Co., \$2,432.89.

### CONTRACT AWARDED

**WHITTIER, Los Angeles Co., Cal.**—National Cast Iron Pipe Co., 1115 S. Hope St., Los Angeles, awarded contract by the Whittier City Council at 76.5¢ per for 10,000 ft. 6-in. class 150 cast iron pipe. The other bids were: U. S. Pipe & Fdy. Co., 78¢ ft.; A. M. C. I. Pipe Co., 78.2¢ ft.; Pac. States C. I. Pipe Co., 79.5¢ ft.

### LOW BIDDER

**ALL-AMERICAN CANAL**—Associated Piping & Engr. Co., Ltd., 2336 E. 38th St., Los Angeles, at \$13,655, submitted low bid to R. E. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. 945-D, for pipe hand-railing and light standards for the Imperial Dam and desalting works, All-American Canal system, Boulder Canyon Project. Materials will be installed by the Government.

### CONTRACT AWARDED

**FORT MASON, Cal.**—Smith Lumber Co., 4th and Channel Sts., San Francisco, at \$21,000 per thousand on Item 1; \$27 per thousand on Item 2, was awarded contract by Quartermaster Supply Officer, Fort Mason, under Reg. No. 928-38-3, for (1) 4500 ft. No. 2 common Douglas fir; (2) 10,000 ft. common Douglas fir.

### BIDS OPENED

**SAN FRANCISCO, Calif.**—Chas. L. Harney, Call Bldg., San Francisco, at \$1275 each, submitted low bid to T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, San Francisco, under Bid No. 1856, for loading and

hauling approximately 75 boxed trees from grounds of the Palace of Fine Arts to the Zoological Gardens (WPA).

Total bids follow:  
Chas. L. Harney, Call Bldg., S. F.—\$12.75 each.

Farnsworth & Ruggles—\$15.40 ea.  
G. W. Thomas Drayage & Rigging Co., San F.—\$17.77 each.

Devincenzi & Haskins—\$19.00 each.  
Guern Bros.—\$19.99 each.

Kiss Crane Service—\$20.66 each.  
Jos. O. Sheedy Drayage Co.—\$22.30 each.

San Francisco Grading Co.—\$24.50 each.

Fred E. Jones—\$24.50 each.

J. A. Clark Draying Co., Ltd.—\$27.00 each.

Overland Freight Transfer Co.—\$29.00 each.

John McCarthy & Sons—\$30.00 ea.

Piombo Bros. & Co.—\$33.00 each.

Sibley Grading & Teaming Co., Ltd.—\$45.00 each.

### BIDS OPENED

**SAN FRANCISCO, Calif.**—Quaker City Rubber Company, 168 2nd St., San Francisco, at \$0.54 per ft., 2% 10 days, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, for 6000 ft. 1 1/2-in. Cotton rubber-lined fire hose. E. C. B. Central Repair Shop No. 1, 313 Francisco Street.

Total bids follow:

Quaker City Rubber Co., 168 2nd St., San Francisco—\$0.54 per ft., 2% 10 days.

American Rubber Mfg. Co.—\$0.63 per ft., 2% 10 days.

Pioneer Rubber Mills—\$0.63 per ft., 2% 10 days.

### BIDS OPENED

**SAN FRANCISCO, Calif.**—American Building Maintenance Co., 467 O'Farrell St., at \$665 per month, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, for janitorial and window cleaning service for main library.

Total bids follow:

American Bldg. Maintenance Co., 467 O'Farrell St.—\$665 per month.

Commercial Bldg. Maintenance Co.—\$730 per mo.

A. Crossett Bros. & Co.—\$758 per month.

### CONTRACT AWARDED

**DENVER, Colo.**—Monolith Portland Midwest Co., Denver, Colo., at \$137,643, was awarded the contract by the Bureau of Reclamation, Denver, Colo., for 43,000 bbls. cement for the Shoshone project; Spec. 936-D.

### BIDS WANTED

**OAKLAND, Alameda Co., Calif.**—Until July 27, 4 p. m., bids will be received by John W. Edgemont, Secretary, Board of Education, Oakland, for material and equipment, as follows:

**SCHEDULE 30:** Incandescent lamps.  
**SCHEDULE 31:** Science supplies, apparatus, general supplies, glassware, earthenware, rubber, cork, science papers, charts.

Plans and specifications may be obtained at the office of the Director of Purchasing, Room 115, Administration Building, Oakland, Calif.

### BIDS OPENED

**SAN FRANCISCO, Calif.**—Johns Manville Sales Corp., 116 New Montgomery St., at \$4,337.56, submitted the only bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under No. 1857, for 4406 ft. transite pipe for Golden Gate Park.

### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Gardner-Denver Co., 250 7th St., San

Francisco, at \$1925, was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under No. 1829, for one portable air compressor unit for the Department of Public Works.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Pacific Fire Extinguisher Co., 142 9th St., at \$187.50 (Item 1) and \$7.00 (Item 2), submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under No. 1860, for (1) six Fire Department Foamite Generators; and (2) 2000 lbs. of powder for generators.

Total bids follow:

(A) Pacific Fire Extinguisher Co., 142 9th St.—(1) \$187.50; (2) \$7.00; 2% 10 days.

(B) Calif. Fire Extinguisher Co., 69 Main St.—(1) \$225; (2) \$7.00 net.

(C) American-LaFrance & Foamite Industries, Inc., 430 9th St.—(1) \$237.50; (2) \$7.00; 2% 10 days.

**CONTRACT AWARDED**

SAN FRANCISCO, Calif.—Plombo Bros. & Co., 1571 Turk St., San Francisco, at \$0.75 per cu. yd., was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under No. 1844, for 2600 cu. yds. of loam for Golden Gate Park.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under No. 1861, for four electric furnaces for heat treating.

Work involves:

- (1) Box tank electric furnace;
- (2) One heavy duty high speed electric steel furnace;
- (3) Pot type electric furnace for lead and cyanide hardening.

Total bids follow:

(A) Westinghouse Elec. & Mfg. Co., 1 Montgomery St., San Francisco—(1) \$2172.27; (2) .....; (3) .....  
 (B) Pacific Scientific Corp., 25 Stillman—(1) \$2284.84; (2) \$931.64; (3) \$832.24 net.  
 (C) General Electric Co., Russ Bldg.—(1) \$3116.05; (2) .....; (3) \$2172.12 net.

**COMPLETE BIDS**

OAKLAND, Cal.—The Steel Tank & Pipe Co., 1100 4th St., Berkeley, at \$40.320, submitted low bid to East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under L. S. 202 for: (1) 9-in. diameter steel pipe; (2) cement lining.

Complete bids follow:

(a) The Steel Tank and Pipe Co., 1100 4th St., Berkeley: (1) \$32,670; (2) \$7,650; (total) \$40,320.  
 (b) American Concrete & Steel Pipe Co., 20th and Estuary, Oakland: (1) \$34,650; (2) \$6,300; (total) \$40,950.

**CONTRACT AWARDED**

BOCA DAM, Nev.—California Steel Products Co., Bay and Taylor Sts., San Francisco, at \$225 on Item 1, and Pacific Coast Engineering Co., Inc., Marinette and Winans Sts., Oakland, at \$935 on Item 2 were awarded contracts by the U. S. Engineer's Office, Denver, under Spec. No. 26039 for trash racks and guides for Boca Dam.

**CONTRACTS AWARDED**

CASPER-ALCOVA PROJ., Wyo.—Kuhlman Electrical Co., Bay City, Mich., at \$25,776 on Item 1; Pluna Transformer Co., Pittsburgh, Pa., at \$10,040 on Item 2; and American Transformer Co., Newark, N. J., at

\$3,670 on Item 3, were awarded contracts by the Bureau of Reclamation Denver, under Spec. No. 930-D, for furnishing (1) four 2,500 kv-a 6,900 to 39,540, 69,000 y-volt transformers; (2) four 667 kv-6,900 to 19,920/34,500 y-volt transformers; (3) three 160 kv-a 6,900 to 240/120 volt transformers; and one 50 kv-a 6,900 to 240/120 volt transformer, for installation at the Seminole power plant, Casper-Alcova Project.

**BIDS OPENED**

UNITY DAM, Calif.—California Steel Products Co., Bay and Taylor Sts., San Francisco, at \$156, submitted low bid to the U. S. Engineer's Office, Denver, Colo., under Spec. No. 45561, for trash racks and guides for Unity Dam.

Total bids follow:

(A) Calif. Steel Products Co., Bay and Taylor Stts., San Francisco—\$156; f.o.b. San Francisco.  
 (B) Burkhart & Son—\$159; f.o.b. Denver.  
 (C) John W. Beam—\$175; f.o.b. Denver.

(D) Baxter Foundry & Machine Works—\$189.11; f.o.b. Destination.

(E) Apex Steel Corp., Ltd., Los Angeles—\$222.66; f.o.b. Los Angeles.

(F) Pacific Coast Steel Engineering Co., Oakland—\$230; f.o.b. Oakland.

**CONTRACT AWARDED**

OAKLAND, Calif.—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco, at \$3,643, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal LS-201, for sand blast room and dust removal equipment at the Corporation Yard, Oakland.

**CONTRACT AWARDED**

OAKLAND, Calif.—Pacific Oxygen Co., at \$2,437.50, was awarded contract by the East Bay Municipal Utility District, under Informal Proposal No. 880, for 225,000 cu. ft. of oxygen gas.

**CONTRACT AWARDED**

OAKLAND, Calif.—Linde Air Products, 114 Sansome St., San Francisco, at \$4,797.50, was awarded contract by the East Bay Utility District, under informal proposal No. 880, for 180,000 cu. ft. acetylene gas.

**CONTRACT AWARDED**

OAKLAND, Calif.—George Forni Mfg. Co., 1379 62nd St., Oakland, Cal., at \$8,085.50, was awarded contract by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Proposal LS-199, for meter boxes and covers.

**CONTRACT AWARDED**

CASPER-ALCOVA PROJ., Wyo.—John W. Beam, Denver, at \$17,354.16, was awarded contract by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 938-D, for furnishing and delivering fog cars at Parco, Wyo., gate frames for three 14-ft. by 50-ft. fixed wheel gates for installation in the spillway of the Somnolee Dam, Casper-Alcova Project, Wyo.

**CONTRACT AWARDED**

OAKLAND, Calif.—Dahl Chevrolet Company, 2401 Broadway, Oakland, at \$2,632.97, was awarded contract by the East Bay Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Proposal No. 887, for five chevrolet coupes.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Ready-mix Concrete Co. Ltd., Carolina and

Mariposa Streets, at \$28,531, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for approximately 5,000 cu. yds. mixed concrete for various WPA projects.

Work involves:

- (1) 5000 c.y. class E mixed concr.;
- (2a) Free standing time, per min.;
- (2b) Charge per overtime.

Total bids follow:

(A) Readymix Concrete Co., Ltd., Carolina and Mariposa Sts.—(1) \$5.84, (2a) \$15 ml., (2b) \$3.00; total, \$28,531.

(B) Bode Gravel Co.—(1) \$5.74, (2a) 15 ml., (2b) \$3.00; total, \$29,561.

(C) John Cassaretto Co.—(1) \$6.03, (2a) 15 ml., (2b) \$3.25; total, \$31,054.50

(D) MacDonald & Kahn Co., Ltd.—(1) \$6.52, (2a) 10 ml., (2b) \$3.50; total, \$33,578.

(E) Consumers Rock & Cement Co.—(1) \$6.72, 15 ml., (2b) \$4.50; total, \$34,608.

(F) Golden Gate Atlas Materials Co.—(1) \$7.40, (2a) 15 ml., (2b) \$3.00; total, \$38,110.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Golden Gate Atlas Materials Co., 16th and Harrison Sts., San Francisco, at \$19,224.95, submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, for approximately 3900 cu. yd. of mixed concrete for Lyon Street Approach to the Golden Gate Bridge.

Work involves:

- (1) 900 c.y. Class B mixed concrete, mixed with Portland cement;
- (2) 200 c.y. Class B mixed concrete, mixed with Portland cement;
- (3) 1800 c.y. Class B mixed concrete, mixed with quick-setting cement;
- (4a) Standing time, per minute;
- (4b) Charge, per overtime.

Total bids follow:

(A) Golden Gate Atlas Materials Co., 16th and Harrison Sts., S. F. .... \$19,224.95

(B) John Cassaretto Co., 19,568.97

(C) Bode Gravel Co., 19,951.00

(D) MacDonald & Kahn Co., Ltd., 20,032.00

(E) Readymix Concrete Co., 20,206.54

(F) Consumer's Rock & Cement Co., 20,628.84

Unit prices follow:

	(1)	(2)	(3)	(4a)	(4b)
(A)	\$6.25	\$6.25	\$6.55	15 ml.	\$3.00
(B)	6.03	6.03	6.87	15 ml.	3.25
(C)	6.40	6.40	6.85	15 ml.	3.00
(D)	6.52	6.52	6.82	10 ml.	3.50
(E)	6.02	6.02	7.22	15 ml.	3.00
(F)	6.72	6.72	7.02	15 ml.	4.50

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 11.—Bridges                         | 30.—Reservoirs and Dams            |
| 12.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells           |
| 13.—Irrigation Proj.                | 32.—Sewers & Sewage                |
| 14.—El. Light. Systems              | 33.—Machinery and Classical Plants |
| 15.—Railroads                       | 34.—Water Works                    |
| 16.—Fire Alarm Sys.                 | 35.—Parks & Play grounds           |
| 18.—Fire Equipment                  | 36.—Streets & Highways             |
| 19.—Streets & Highways              | 37.—Tunnels                        |

## 21— BRIDGES

### BIDS WANTED

**SAN RAFAEL**, Marin Co., Calif.—Until July 28, 11 A. M., bids will be received by the County Clerk, County Court House, San Rafael, for the construction of a reinforced concrete bridge across Nicasio Creek on the Point Reyes-Petaluma Road in Marin County.

#### Work involves:

- (1) 375 c.y. Class A Portland cement concrete in place;
- (2) 56,000 lbs. reinf. steel in place. Plans and specifications may be obtained at the office of the County Surveyor, Court House, San Rafael.

### BIDS WANTED

**LOS ANGELES**.—Until Aug. 4, 10 a. m., bids will be received by Los Angeles Board of Public Works for construction of the Fumery Avenue bridge over Ramona Blvd., involving 232 c.y. class F concrete, lump sum reinforcing steel, lump sum ornamental iron railings, lump sum reinforcing concrete pipes, 432 sq. ft. one-course sidewalk, 3 in. thick.

### LOW BIDDER

**LINN CO.**, Oregon.—Joplin & Eldon, 3101 N. Colonial Blvd., Portland, Oregon, at \$42,875, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, for constructing and improving 0.1042 mi. of North Santiam River Bridge, consisting of three continuous steel plate girder spans with concrete substructures and deck, together with approach grading, North Santiam Highway Project 24.E5, National Forest Road Project, located within or partly within the Willamette National Forest, County of Linn, State of Oregon.

#### Work involves:

- (1) 6,950 c.y. unclass. excav.;
  - (2) 1,330 c.y. Class A concrete;
  - (3) 59 c.y. Class B concrete;
  - (4) 242 c.y. Class D concrete;
  - (5) 81,000 lbs. reinforcing steel;
  - (6) 206,000 lbs. structural steel.
- Complete bids will be published shortly.

### BIDS WANTED

**ELKO COUNTY**, Nev.—Until Aug. 3, 2:30 P. M., bids will be received by Robert A. Allen, State Highway Engineer, Hervey Memorial Bldg., Carson City, Nevada, for constructing a concrete and steel overpass and approaches on the State Highway in Elko County, Route 1, Sections D-1 and E-2.

#### Work involves:

- (1) 60 lf. remove culvert pipe;
- (2) 1 each remove culvert headwalls
- (3) lump sum, remove timber over-

- pass;
- (4) 54,177 c.y. rdwy. excav.;
  - (5) 11,091 c.y. borrow;
  - (6) 13 c.y. drainage excavation;
  - (7) 46 sta. slope rounding;
  - (8) 128,571 yd. sta. overhaul (yard-station);
  - (9) 9,431 yd. mile overhaul (yd.-mi.)
  - (10) 241 c.y. struc. excav.;
  - (11) 368 c.y. backfill;
  - (12) 1.27 miles subgrade, Type B;
  - (13) 3,177 tons gravel surface;
  - (14) 4,985 tons gravel base, type two, 1½-in.;
  - (15) 937 M. gals. water;
  - (16) 135 tons liq. asph., type SC-2;
  - (17) 10 tons do, type MC-2;
  - (18) 1.27 miles roadmix;
  - (19) 72 c.y. Class A concrete;
  - (20) 10 c.y. Class B concrete;
  - (21) 193 c.y. Class D concrete;
  - (22) 59,820 lbs. reinf. steel;
  - (23) 27,000 lbs. struc. steel;
  - (24) 1,900 lbs. castings;
  - (25) 332 lf. 12-in. corr. metal pipe (dipped);
  - (26) 20 lf. 18-in. do;
  - (27) 230 lf. 24-in. do;
  - (28) 30 lf. relay culvert pipe;
  - (29) 24 each monuments;
  - (30) 8 each culvert markers;
  - (31) 2,972 lf. special guard rail;
  - (32) force account, roadside cleanup;
  - (33) 12,947 sq. yd. remove and stock-pile roadmix bitm. surf.;
  - (34) 75 hours motor grader;
  - (35) 50 hours 1½-ton truck;
  - (36) force account, special detour;
  - (37) 1,349 c.y. salvaged aggregate;
  - (38) 395 lf. steel bearing piles;
  - (40) 16 each drive steel piles;
  - (41) 248 lf. concrete railing;
  - (42) 2,972 lf. timber curb;
  - (43) force account, pile bearing tests.

Plans and specifications may be obtained from above office.

### BIDS WANTED

**HUMBOLDT CO.**, Calif.—Until July 31, 11 a. m., bids will be received by the Board of Supervisors, Fred M. Kay, Clerk, Humboldt County, for the disassembling of the steel bridge across Cook's Gulch near Petrolia and transporting and reconstructing it across Bear Creek, near Ettersburg, Humboldt Co.

Plans and specifications may be obtained from the County Surveyor, Second and K Streets, Eureka, Calif.

### BIDS OPENED

**LINN CO.**, Oregon.—Joplin & Eldon, 3101 N. Colonial Blvd., Portland, Oregon, at \$42,875, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Ore., for constructing and improving 0.1042 mi. of North Santiam River Bridge, consisting of three continuous steel plate girder spans with concrete substructures and deck, to-

gether with approach grading, North Santiam Highway Project, 24.E5, National Forest Road Project, located within or partly within the Willamette National Forest, County of Linn, State of Oregon.

#### Work involves:

- (1) 6,950 c.y. unclass. excav.;
- (2) 1,330 c.y. Class A concrete;
- (3) 59 c.y. Class B concrete;
- (4) 242 c.y. Class D concrete;
- (5) 81,000 lbs. reinforcing steel;
- (6) 206,000 lbs. structural steel;
- (A) Joplin & Eldon, 3101 N. Colonial Blvd., Portland, \$42,875
- (B) C. J. Montag, Portland, 42,875
- (C) Tom Lillebo, Reedsport, 44,010
- (D) E. F. & W. F. Philpot, Portland, 44,901
- (E) Colonial Constr. Co., Spokane, 48,496
- (F) Sig Ash, Portland, 49,872
- (G) Kern & Kibbe, Portland, 52,829
- (H) Parker-Schram Co., Portland, 55,011

### CONTRACT AWARDED

**MONTEREY COUNTY**, Cal.—C. O. Sparks and Mundo Engr. Co., 2309 E. Olympic Blvd., Los Angeles, at \$146,268 was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineering Public Works Bldg., Sacramento, for constructing a reinforced concrete bridge across Big Creek about 49 miles south of Monterey, consisting of two 177-foot 6-inch open spandrel arch spans; two 81-ft 6-in. open spandrel arch cantilevers and two 34-ft 6-in. girder spans.

### CONTRACT AWARDED

**SAN MATEO COUNTY**, Cal.—E. D. Sawyer Const. Co., 1101 75th St., Oakland, at \$28,625, was awarded contract by E. B. Hinman, Clerk of the Board of Supervisors, San Mateo County, County Courthouse, Redwood City, for constructing a reinforced concrete bridge and approach roads on Pescadero Road, one mile west of San Mateo County Memorial Park.

#### Work involves:

- (1) 600 c.y. struc. excav. above 80 ft.
- (2) 75 c.y. do below 80 ft.;
- (3) 800 lf. 42-lbs. HP-10 steel piles;
- (4) 800 lf. driving do;
- (5) 128,000 lbs. reinf. steel in place;
- (6) 170 c.y. Class A cement concrete
- (7) 255 c.y. Class D portland cement concrete;
- (8) lump sum clearing and grubbing
- (9) 7,000 c.y. rdwy. excavation;
- (10) 10,000 sta. yd. overhaul;
- (11) 400 c.y. riprap in place;
- (12) lump sum removing old struc.

#### Total bids follow:

- (A) E. D. Sawyer Const. Co., 1101 75th St., Oakland, \$28,625.00.
- (B) James B. Allen, San Carlos, \$34,445.00.
- (C) Piombo Bros. & Co., San Francisco, \$39,582.50.
- (D) Schuler & McDonald, Inc., Oakland, \$43,622.50.
- (E) A. Soda & Son, Oakland, \$49,650.00.

#### Unit prices follow:

- |      | (A)     | (B)     | (C)     | (D)     | (E)     |
|------|---------|---------|---------|---------|---------|
| (1)  | \$ 4.00 | \$ 6.40 | \$ 4.00 | \$ 5.00 | \$ 6.00 |
| (2)  | 6.00    | 6.00    | 5.00    | 9.50    | 8.00    |
| (3)  | 1.75    | 2.10    | 1.90    | 4.00    | 2.40    |
| (4)  | 1.00    | .60     | 1.00    | 1.50    | 2.15    |
| (5)  | .06     | .0265   | .06     | .065    | .065    |
| (6)  | 24.00   | 31.00   | 29.00   | 7.50    | 38.00   |
| (7)  | 25.00   | 31.00   | 40.50   | 35.00   | 38.00   |
| (8)  | 1500.00 | 1190.00 | 1200.00 | 1815.00 | 800.00  |
| (9)  | .27     | .60     | .90     | 1.20    | 2.00    |
| (10) | .02     | .006    | .01     | .05     | .01     |
| (11) | 2.50    | 3.60    | 5.00    | 7.25    | 5.50    |
| (12) | 400.00  | 209.00  | 750.00  | 700.00  | 1000.00 |

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento, California



**BIDS WANTED**

LOS ANGELES, Calif.—Until August 4, 10 a. m., bids will be received by Los Angeles Board of Public Works for construction of timber bridge in Valero St. between Tyrone Ave. and Van Nuys Blvd. Bids will be taken on Unit A, bridge complete in place, including light class, unplastered curb, and grading, lump sum; Unit B, comprising finish grading for street work, furnish and place all asphalt concrete pavement and wearing surface, rock and oil, finish grading of shoulders, lump sum. The work involves:

- (1) 10 c. y. class G concrete;
- (2) break up old paved dip, riprap at bridge corners, 95 tons pavement;
- (3) 30 lf. curb;
- (4) 60 c. y. grading;
- (5) 14,269 ft. cresooted lumber;
- (6) 420 ft. railing timber;
- (7) Excav. for abutments and piers.

**CONTRACT AWARDED**

NAPA CO., Calif.—Harold Smith, at 827 Kearny Street, St. Helena, at \$19,180, was awarded contract by the Board of Supervisors, Napa Co., for the construction of a bridge across the Napa River at Bale Station.

**BIDS WANTED**

HUMBOLDT CO., Calif.—Until July 31, 11 a. m., bids will be received by the Board of Supervisors of Humboldt County, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a new bridge across Dobbyn Creek in Road District 2, Humboldt County.

Plans and specifications may be obtained from the County Surveyor, Frank E. Kelly, Second and K Sts., Eureka, Calif.

**BIDS WANTED**

HUMBOLDT CO., Calif.—Until July 31, 11 a. m., bids will be received by the Board of Supervisors of Humboldt County, Fred M. Kay, Clerk, Court House, Eureka, for painting two bridges on the Mattole River in Road District No. 1, Humboldt Co. Plans and specifications may be obtained from the County Surveyor, Frank E. Kelly, Second and K Sts., Eureka, Calif.

**22—DREDGING HARBOR WORKS, EXCAVATION**

**BIDS OPENED**

PEARL HARBOR, T. H.—Hawaian Dredging Co., Ltd., Honolulu, at 48½¢ per yard (Item 1) and 30¢ per yard (Item 2), submitted low bid to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for dredging at Pearl Harbor. Spec. 8437.

**BIDS OPENED**

PEARL HARBOR, T. H.—I. W. Keppenback Corp., Cleveland, Ohio, at \$121,316 (Item 1), \$109,816 (Item 2) submitted low bid to Bureau of Yards & Docks, Navy Dept., Washington, D. C., for crane-dredge and Diesel electric generating equipment installed on pontoon at Navy Yard, Pearl Harbor. Spec. 8491. Dravo Corp., Pittsburgh, Pa., submitted a bid at \$153,530 on (Item 1) and at \$137,950 on (Item 2).

**CONTRACT AWARDED**

SAN RAFAEL, Marin Co., Calif.—Delta Dredging Co., Pittsburg, at \$659 per c. y. bucket measure, was awarded contract by Geo. S. Jones, County Clerk of Marin County, and Eugene W. Smith, City Clerk, San Rafael, for the excavation of about 37,500 yards of mul and fill and repairing broken portions of dike. A. S. Deutra, 255 California Street, San Francisco, at 10¢ per c. y., bucket

measure, submitted the only other bid.

**23—CANALS**

**BIDS OPENED**

DENVER, Colo.—Worden-Allen Company, at \$6,490, submitted low bid to the Bureau of Reclamation, Denver, under Spec. 333-D, for gate frames and curb frames for diversion gates and sluice gates for Basin No. 3, deslitting works, Gila Valley Canal.

Total bids follow:

Worden-Allen Co.	\$ 6,490.00
Penn Iron & Steel Co.	7,499.00
General Iron & Steel Works	9,035.40
Lakeside Bridge & Steel Co.	9,513.00
John W. Beam	9,999.00
Berkeley Steel Constr. Co.	13,680.00
American Bridge Co.	14,169.00
Southwest Welding & Mfg. Co.	15,416.00

**24—STREET LIGHTING**

**BIDS WANTED**

SAN DIEGO, Calif.—Until July 28, 11 a. m., bids will be received by F. M. Lockwood, City Purchasing Agent, 524 F St., San Diego, for furnishing lighting posts for installation on El Com. Blvd., in accordance with specifications on file at the office of the city clerk.

**BIDS OPENED**

PASADENA, Los Angeles Co., Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at \$9,650, submitted the low bid to the Pasadena city directors for a 24,190-hbl. fuel oil storage tank for Municipal Light Plant, Glenasm St. and Raymond Ave. The proposed tank is to be 60 ft. in diam., 48 ft. nominal height, to be completely erected. Benl. F. Delanty, Plant Supt., City Hall.

Total bids were:

Chicago Bridge & Iron Co.	\$11,596.
Northwest Welding & Mfg. Co.	\$11,983.
Lacey Mfg. Co.	\$12,384.
Consolidated Steel Corp., Ltd.	\$12,420.
American Pipe & Steel Co.	\$14,000.
Pacific Iron & Steel Co., Ltd.	\$15,650.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

LOS ANGELES, Calif.—Bids received by Los Angeles Water and Power Purchasing Agent, for: (1) 4 only 3-winding transformers, fob cars bidder's factory; (2) same, fob cars Los Angeles; (3) 7 same fob cars bidder's factory; (4) same, fob cars Los Angeles; (5) 4 same, fob cars at bidder's factory; (6) same, fob cars Los Angeles; (7) 7 same, fob cars at bidder's factory; (8) fob Los Angeles; (9) 4 same, fob factory; (10) same, fob Los Angeles; (11) 7 same, fob factory; (12) same, fob Los Angeles, were:

General Electric Co.	(1) \$240,424;
	(2) \$247,372; (3) \$420,742; (4) \$432,900; (5) \$260,672; (6) \$268,332; (7) \$456,176; (8) \$469,580; (9) \$263,240;
	(10) \$270,940; (11) \$460,656; (12) \$474,145.
Westinghouse Elec. and Mfg. Co.	(1) \$239,461; (2) \$246,453; (3) \$419,153; (4) \$431,389; (5) \$261,389; (6) \$269,041; (7) \$457,527; (8) \$470,918;
	(9) \$262,485; (10) \$270,165; (11) \$459,445; (12) \$472,885.
Biss-Halmers Mfg. Co.	(1) \$229,401 (2) \$239,060; (3) \$401,548; (4) \$418,447; (5) \$249,993; (6) \$260,970;
	(7) \$437,584; (8) \$456,790; (9) \$251,045; (10) \$262,060; (11) \$439,425; (12) \$458,675.

**BIDS WANTED**

BONNEVILLE, Ore.—Until Aug. 13 3 P. M., bids will be received by the U. S. Engineer Office, Bonneville, under Bid No. 694-28-8, for fishway gates, stop logs and miscellaneous steel for Bonneville project. Plans and specifications may be obtained from above office.

**BIDS WANTED**

BONNEVILLE PROJECT, Ore.—Until August 17, 3 p. m., bids will be received by the U. S. Engineer's Office, Bonneville, Oregon, for furnishing materials, performing work, and delivering equipment for the fishways operating machinery, Bonneville Project. Alternative "A", f.o.b. shipping point. Alternative "B", f.o.b. Bonneville, Oregon.

Work involves:

- SCHEDULE I**
- (1) 1 lot 6 regulating gate hoists, Bradford Island ladder intake;
  - (2) 1 lot, 6 regulating gate hoists, Washington Shore ladder intake;
- SCHEDULE II**
- (3) 1 lot, 51 diffusion gate hoists, Bradford Island and Washington Shore ladder;
  - (4) 1 lot, 15 Weir water supply gate hoists, Powerhouse collection channel;

- SCHEDULE III**
- (5) 1 each, fish gate hoist, Navigation lock;
  - (6) 4 each, radial gate hoists, Auxiliary supply, Sibley Dam;
  - (7) 1 lot, 2 radial gate hoists, Intake and regulating, Bradford Island ladder.
- Plans and specifications may be obtained from above office.

**BIDS WANTED**

BONNEVILLE, Ore.—Until Aug. 18 3 P. M., bids will be received by the District Engineer, U. S. Engineer Office, Bonneville, for one 2-drum electric hoist complete with hoisting ropes, sheaves, and anchor bolts; fob shipping point and/or Bonneville. Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

OAKLAND, Cal.—Peterson Tractor & Equipment Co., 1175 Howard St., San Francisco, at \$5,128.73 was awarded contract by the City of Oakland Port Commission, Oakland, for furnishing one diesel auto patrol grader and one sheep foot roller. Complete bids follow:

Peterson Tractor & Equipment Co., 1175 Howard St., San Francisco, \$5,128.73. Austin Western Road Machinery Co., San Francisco, \$5,299.35. Edward F. Bacon Co., San Francisco, \$6,550.00.

**BIDS WANTED**

OAKLAND, Cal.—Until August 2, 430 P. M., bids will be received by the City of Oakland Port Commission Oakland, for one 7-passenger automobile. Plans and specifications may be obtained from the above office.

**BIDS WANTED**

BERKELEY, Alameda Co., Cal.—Until August 3, 10 A. M., bids will be received by Berkeley City Council for two 6-cylinder dump trucks. Plans and specifications may be obtained from the above office.

**28—FIRE EQUIPMENT**

**CONTRACT AWARDED**

SAN FRANCISCO—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at \$789, was awarded contract by the Department of Public Works, Room 251, City Hall, for construction of one reinforced concrete fire

clsters at First and Folsom streets (PWA job). Estimated cost, \$11,000. Spec. No. 19043.

## 29—STREETS AND HIGHWAYS

### BID OPENED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$2,499.82, submitted the only bid to the Dept. of Public Works, Room 251, City Hall, for improving Carolina St., between 22nd and 23rd Sts., where not already improved. Estimated cost, \$2,765.

Work involves:

- (1) 60 lf. 10-in. unarmored concrete curb;
- (2) 528 lf. unarmored curb;
- (3) 1,850 sq. ft. one-course concrete sidewalk;
- (4) 4,000 sq. ft. 6-in. Class E concrete pavement;
- (5) 2,462 sq. ft. asphaltic concrete pavement, consisting of 4-inch asphaltic concrete base and 2-in. asphalt wearing surface.

Unit prices follow:

(1)	.....	\$0.95
(2)	.....	.90
(3)	.....	.18
(4)	.....	.26
(5)	.....	.26

### CONTRACT AWARDED

WILLITS, Mendocino Co., Calif.—Spaletta & Siri, 411 B Street, Santa Rosa, at \$147,150, was awarded contract by Mrs. Una G. Keller, Clerk, Willits Union High School District, Willits, Calif., for grading, draining and surfacing the drive in front of the Willits High School Building. Lewis & Clark, Oakland, submitted the only other bid at \$2400.

### CONTRACT AWARDED

PASADENA, Los Angeles Co., Cal.—A. O. Nelson, 135 Cook Ave., Pasadena, at \$28,796.80, was awarded contract by the Pasadena city directors for improving N. Hill Ave., bet. E. Colorado and E. Washington Sts., 8220 lf., to be financed by gasoline tax funds. Plans were prepared by Harvey H. Hicks, city engineer.

### CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 433 Call Bldg., at \$3850, awarded contract by the Department of Public Works, City Hall, under Spec. No. 19,054, for improvement of easterly one-half of 37th Ave. between Judah and Kirkham Streets.

### CONTRACT AWARDED

COLUSA AND GLENN COS., Cal.—Hannahan Co., Hobart Bldg., San Francisco, at \$199,425.60, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and paving with asphalt concrete about 5.8 mi. between Delevan and Logan-dale.

### BIDS OPENED

SAN FRANCISCO, Calif.—The Fay Improvement Co., 760 Market St., San Francisco, at \$3,595.75, submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,050, for the reconstruction of Front Street, between Green Street and Broadway. Estimated cost, \$4,879.50.

Work involves:

- (1) 1850 sq. ft. reset stone block pavement;
- (2) 200 tons asph. concr. binder;
- (3) 30,200 sq. ft. 2-in. asph. concrete wearing surface;
- (4) 200 lf. unarmored conc. curb;
- (5) 1 brick catchbasin, complete;
- (6) 35 lf. 10-in. VCP culvert, in place.

Total bids follow:

(A) The Fay Improvement Co., 760 Market St., San Francisco .....	\$3,595.75
(B) Mills Constr. Co., San Francisco .....	3,825.75
(C) Eaton & Smith, 715 Ocean Ave., San Francisco .....	3,581.30
(D) Pacific Pavements Co., Ltd. ....	4,507.50

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 0.11	\$ 0.14	\$ 0.02	\$ 0.10
(2)	1.78	5.00	6.00	5.00
(3)	.07	.075	.054	.10
(4)	.75	.70	.90	.70
(5)	100.00	90.00	100.00	100.00
(6)	1.75	1.85	2.00	1.50

### BIDS WANTED

TRINITY CO., Calif.—Until Aug. 3, 2 p.m., bids will be received by F. W. Hazelwood, District Engineer, State Division of Highways, Redding, for surfacing with road-mix surfacing about 8.5 miles between Helena and Big Bar (11-Tri-20-E), Trinity Co. Plans and specifications may be obtained from the above office.

### BIDS WANTED

PITTSBURG, Contra Costa Co., Calif.—Until August 2, 8 p.m., bids will be received by the Pittsburg City Council, Frank R. Faormina, City Clerk, City Hall, Pittsburg, for improving East Tenth Street from Solari Street to Harbor Street.

Plans and specifications may be obtained at the office of the City Manager or City Engineer, City Hall, Pittsburg.

### BIDS WANTED

POWDER RIVER CO., Mont.—Until August 4, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, 342 Post Office Bldg., Missoula, Mont., for the construction and improvement of Ashland Broad- uay Highway Grading Project 53-B, National Forest Road Project, located within the Custer National Forest, County of Powder River.

### BIDS OPENED

SAN FRANCISCO.—Robert Garela, 2045 University Ave., Palo Alto, at \$437.50, submitted low bid to the Department of Public Works, City Hall, for making test holes for Calhoun and Union Streets. Improvement: 250 lineal feet.

Complete bids follow:

Robert Garela—\$437.50; unit price per lin. ft., \$1.75.
J. B. Rogers—\$487.50; unit price per lin. ft., \$1.95.
M. B. McGowan, Inc.—\$740; unit price per lin. ft., \$2.98.

### BIDS WANTED

ELKO CO., Nevada.—Until August 10, 2 p.m., bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, California, for grading approximately 2,578 miles, Section C of Route 118, Owyhee River National Forest Highway, Humboldt National Forest, Elko County.

Work involves:

- (1) 14 A. clearing;
- (2) 14 A. grubbing;
- (3) 84,200 c.y. uncl. excav.;
- (4) 600 c.y. uncl. excav. for struts;
- (5) 45,000 sta. yds. overhaul;
- (6) 2,778 mi. finishing earth graded roads;
- (7) 125 c.y. Class A concrete;
- (8) 10,200 lbs. reinf. steel;
- (9) 926 lf. corrugated galvanized sheet metal pipe;
- (10) 124 lf. 12-in. perforated corrugated sheet metal pipe under-drain;
- (11) 41 sq. yds. mortar backfill on each road inlet—24 in.;
- (12) 16 each right of way monuments—Type A;
- (13) 27,400 lf. barbed wire fence;
- (14) 8 each steel gates.

Plans and specifications may be obtained from the above office upon deposit of \$10.

### BIDS OPENED

JACKSON CO., Oregon.—McNutt Bros., Eugene, Oregon, at \$66,061, metal pipe; \$66,566 concrete pipe, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving 1,516 miles of the Tiller-Trail Highway Grading Project 16-G3, 11, J, National Forest Road Project, located within the Rogue River National Forest, Jackson Co.

Work involves:

- (1) All required maintenance of existing road, etc.;
- (2) All required extra and miscellaneous force account work;
- (3) 15 acres clearing;
- (4) 13 acres grubbing;
- (5) 118,500 c.y. unclass. excav.;
- (6) 275,000 sta. yds. special overhaul;
- (7) 5,000 c.y. mile special overhaul;
- (8) 5 acres roadside cleanup;
- (9) 2,935 mi. finishing earth graded roads;
- (10) 162 c.y. Class A concrete;
- (11) 21,000 lbs. reinf. steel;
- (12) 1,080 lf. culverts (alt.);
- (13) 500 c.y. loose riprap, type I;
- (14) 600 lf. 6-in. bit. coated perforated corrugated metal pipe under-drain, Type 2;
- (16) 13 MFBM untr. timber, including bridge iron.

(1) Metal pipe; (2) concrete pipe.

Total bids follow:

(A) McNutt Bros., Eugene, Oregon .....	(1)	\$66,061
.....	(2)	66,566
(B) E. L. Gates, Trail, Oregon .....	(1)	69,553
.....	(2)	69,896
(C) F. C. Dillard, Medford, Oregon .....	(1)	76,117
.....	(2)	76,117
(D) A. C. Greenwood Co., Inc., Portland .....	(1)	91,777
.....	(2)	92,537

### BIDS WANTED

SAN LUIS OBISPO and Santa Barbara Counties, Cal.—Until Aug. 11, 2 P. M., bids will be received by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant mixed surfacing and seal coat about 18.5 miles between San Luis Obispo and Toro Creek, and between Lae Cruces and Lompoc and between Lompoc and Santa Ynez.

Work involves:

- (1) 34,000 sq. yds. asph. paint binder surfacing;
- (2) 132 tons mineral aggr. surf.;
- (3) 400 tons mineral aggr. surf.;
- (4) 200 tons liquid asphalt, 90-95 seal coat;
- (5) 2,350 tons screenings, seal coat.

Plans and specifications may be obtained from the above office.

### CONTRACT AWARDED

GILA COUNTY, Ariz.—H. J. Hagen, Globe, Ariz., at \$45,043 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, New Post Office Building, Phoenix, for grading Section E of Route 11, the Payson-Colcord Mountain National Forest, Gila County, Ariz., a distance of approximately 11-883 miles.

### BIDS WANTED

MARIN COUNTY, Cal.—Until Aug. 10, 3 P. M., bids will be received by the District Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, for constructing a roadway about 10,000 ft. in length, beginning at a point on the main road on the Fort Barry Military Reservation, Marin County, located about 500 ft. northwesterly from the side

road to the balloon hangar, thence in a general westerly direction to Rodeo Lagoon, thence northerly across said lagoon, thence westerly to the roadway end; involving clearing and grubbing, roadway excavation and construction of embankments, constructing of a creosoted pile and timber bridge, with 10-ft. spans and miscellaneous drainage structures; preparing roadway base courses, laying paving, and all other contingent work.

- Work involves:
- (1) 14 acres clear and grub;
  - (2a) 54,630 c.y. rdwy. excav. unclass.
  - (2b) 2,200 sta. yd. overhaul
  - (2c) 2,000 c.y. rehaul of stockpiled material;
  - (3) 2,250 M. gala. water;
  - (4a) 600 c.y. struc. excav., unclass.;
  - (4b) 400 c.y. backfill;
  - (5) 20 c.y. Class A concrete;
  - (6) 450 lbs. reinf. steel;
  - (7) 1,200 l.f. creosoted wood piles;
  - (8a) 11 MM creosoted struc. timber;
  - (8b) 8 MM creosoted waferfield piles;
  - (9a) 260 l.f. 8-in. corr. pipe culverts;
  - (9b) 110 l.f. 12-in. do;
  - (9c) 340 l.f. 18-in. do;
  - (9d) 60 l.f. 24-in. do;
  - (9e) 150 l.f. 30-in. do;
  - (9f) 530 l.f. 6-in. concrete or clay drain tile;
  - (10) 1 complete item relocate sewer line;
  - (11) 21,200 sq. yd. preparation of subgrade;
  - (12) 106 sta. finishing rdwy.;
  - (13a) 2,120 c.y. untreated local rock base course;
  - (13b) 2,120 c.y. stabilized local rock leveling course;
  - (13c) 530 tons wearing surface;
  - (14) 1 complete item cattle guard.
- Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**  
**LEWIS COUNTY, Wash.**—Williams & Douglas, Tacoma, at \$52,122.50, was awarded contract by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for improving 0.650 mile of highway on the Randle-Yakima (West Side) Highway Grading Project 13-V, National Forest Road Project, Lewis County.

**CONTRACT AWARDED**  
**UMATILLA CO., Ore.**—Cary Nyberg, Realty Bldg., Spokane, at \$99,421.50, was awarded contract by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for improving 7.104 miles of Pendleton-John Day Highway Reconstruction, Grading and Surfacing Project 33-A1, National Forest Road Project, Umatilla County.

- BIDS WANTED**  
**KERN COUNTY, Cal.**—Until Aug. 17, 1937, bids will be received by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant mixed surfacing about 0.9 mile to Kern County through Mojave.
- Work involves:
- (1) 410 M. gala. water;
  - (2) 4.5 c.y. remove concrete;
  - (3) 6,100 c.y. rdwy. excav., unclass.;
  - (4) 80 c.y. struc. excav.;
  - (5) 9,000 c.y. imported subgrade material;
  - (6) 35 sta. finishing rdwy.;
  - (7) 30 tons liquid asphalt, SC-2 prime coat and detour;
  - (8) 3,359 tons min. agg. plant-mix surfacing;
  - (9) 224 tons liquid asphalt, MC-3 or MC-4 (plant-mix surf.);
  - (10) 8,450 sq. yds. asphalt paint binder;
  - (11) 1,900 sq. yds. prepare, mix and shape detour;
  - (12) 20 l.f. remove and salvage pipe culverts;

- (13) 88 l.f. clean and relay do;
  - (14) 355 c.y. Class A portland cement concrete (curbs and gutters).
- Plans and specifications may be obtained from the above office.

**STOCKTON, San Joaquin Co., Cal.**—Louis Biasotti & Son, P.O. Box 587, Stockton, Calif., at \$10,864.72, submitted low bid to E. L. Trahern, City Clerk, Stockton, for street improvement of Acacia Street, from the west line of El Dorado St. to the west line of Banker St., Stockton.

- Work involves:
- (1) 12,825 sq. ft. existing pavement to be clarified and resurfaced;
  - (2) 13,159 sq. yds. existing pavement to be planed. (Planing includes existing pavement, gutter, removal trimmings.);
  - (3) 634 tons liquid asphalt for paint coats;
  - (4) 164.97 tons asphalt concrete wearing course;
  - (5) 29,710 tons rock screenings or binder material;
  - (6) 17 existing manhole frames and covers.

Total bids follow:

(A) Louis Biasotti & Son, P.O. Box 587, Stockton	\$10,864.72
(B) Moore Co., Oakland	11,091.80
(C) Stewart M. McGaw, Stockton	11,272.58

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$0.025	\$0.03	\$0.025
(2).....	13	.11	.14
(3).....	19.00	20.00	20.00
(4).....	5.10	4.85	5.35
(5).....	3.90	3.50	3.50
(6).....	15.00	10.00	5.00

**BIDS OPENED**  
**ORANGE COUNTY, Calif.**—C. O. Sparks & Mundo Engr. Co., 2309 East Olympic Blvd., Los Angeles, at \$9,952.28 submitted low bid to the State Division of Highways, 808 State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and constructing borders between the north city limits of Orange and two miles northerly on Road VII-Ora-43-B.

- Work involves:
- (1) 1,020 tons mineral aggregate in place (borders);
  - (2) 54 tons liquid asphalt MC-extra heavy, in place (borders);
  - (3) 10 tons liquid asphalt, RC-1 in place (paint binder);
  - (4) 1,000 tons mineral aggregate, in place (surfacing);
  - (5) 100 tons liquid asphalt, MC-4 or MC-5 in place (surfacing).

Total bids follow:

C. O. Sparks & Mundo Engr. Co., 2309 E. Olympic Blvd., Los Angeles	\$9,952.28
Griffith Co., L. A.	10,652.00
Oswald Bros., Los Angeles	11,404.00

**CONTRACT AWARDED**  
**NEVADA COUNTY, Cal.**—Fredrickson & Westbrook, Lower Lake, at \$10,502, was awarded contract by C. H. Whitmore, District Engineer, 703 B St., Marysville, for furnishing and stockpiling 11,800 tons of mineral aggregate for road-mix surfacing near Grass Valley, District 111, Rts. 15 and 25, Section B.B.

**CONTRACT AWARDED**  
**RIVERSIDE COUNTY, Calif.**—Oswald Bros., 366 E. 58th St., Los Angeles, at \$12,465, was awarded contract by the State Division of Highways, E. 47 3rd St., San Bernardino, for seal coat to be applied to the existing pavement on about 32.2 mi. between Orange County line and Elsinore and between Temecula and San Diego County line.

**CONTRACT AWARDED**  
**TEHAMA COUNTY, Cal.**—Fredrickson & Westbrook, Lower Lake, at \$11,967.50, was awarded contract

by the State Division of Highways, R. W. Haselwood, District Engineer, District No. 2, Redding, for surfacing with road-mix about six miles between Praberta and one mile south of Red Bluff.

**CONTRACT AWARDED**  
**SONOMA COUNTY, Cal.**—Peter J. McHugh, 3004 16th St., San Francisco, at \$30,069.50, was awarded the contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing about 1.8 miles of roadway and the construction of a timber bridge, between 1.2 miles and 3.0 miles east of Petaluma in Sonoma County.

**LOW BIDDERS**  
**SAN BERNARDINO & RIVERSIDE COS., Calif.**—United Concrete Pipe Corp., Box 1, Sta. H., Los Angeles, Calif., at \$37,313.60, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for surfacing with plant-mixed surfacing and slow-curing type seal coat applied thereto about 8.6 miles at various locations in District VIII.

- The work involves:
- (1) 8,120 tons mineral aggregate, plant-mix surf.;
  - (2) 430 tons liq. asphalt, SC-4, plant-mix surf.;
  - (3) 100 tons asphaltic emulsion (seal coat);
  - (4) 1,040 tons sand (seal coat);
  - (5) 123,000 sq. yds. asphalt paint binder.

Total bids follow:  
 United Concrete Pipe Corp., Box 1, Sta. H., L. A. .... \$37,313.60  
 Oswald Bros., Los Angeles .... 38,726.00  
 E. L. Yeager, San Bernardino 40,776.00

Complete bids will be published shortly. 29

**BIDS OPENED**  
**LOS ANGELES, Cal.**—Griffith Co., Los Angeles Railway Bldg., at \$22,530 submitted low bid to Los Angeles Harbor Department for asphalt paving, shed floors, wharf decks and roadways, Spec. 960.

- Work involves:
- (1) 3000 tons asphalt concrete base material;
  - (2) 3000 tons asphalt concrete wearing surface, No. 2;
  - (3) 300 tons fine sheet asphalt or coarse sheet asphalt wearing surf.
- Total bids were:  
 Griffith Co.: (1) \$3.55; (2) \$3.60; (3) \$3.60.  
 Sully Miller Contr. Co.: (1) \$3.75; (2) \$3.85; (3) \$3.90.

July 16, 1937.

**BIDS OPENED**  
**SACRAMENTO, Calif.**—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$269,860.00, submitted low basic bid to Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento, under Spec. No. 385-E, for the construction and completion of paving and storm drainage at the Sacramento Air Depot, Sacramento.

- Work involves:
- (A) Lump sum: to construct concrete aprons, road curbs, gutters, railroad crossings, storm drains, electrical manholes, and conduits;
  - (B) Deduct stabilized slurry base with 3-application surface treatment;
  - (C) Deduct clay sewer pipe for concrete pipe for storm drain except 42- and 48-in.;
  - (D) Furnishing labor and material, complete in place:
    - (1) 6-6 in. reinf. concrete paving (with integral curbs);
    - (2) do (without integral curbs);
    - (3) concrete curb and gutter;
    - (4) concrete curb;

- (5) soil stabilized base, machine mixed in place, with 3-application surface treatment;
  - (6) stabilized slurry base, with 3-application surface treat;
  - (7) crushed stone for surface treatment applied on stabilized base;
  - (8) sand for;
  - (9) asphalt emulsion stabilizer applied on soil stabilized base machine-mixed in place;
  - (10) asphalt emulsion stabilizer, premixed in slurry base stabilized soil;
  - (11) asphalt emulsion (quick-setting type);
  - (12) earth excavation, drainage and misc. struc.;
  - (13) rock excav. (over and above price for earth excavation), drainage and misc. struc.;
  - (14) 1-2-4 concrete, inc. forms, excavating, etc.;
  - (15) reinforcing steel in place;
  - (16) cast iron, frames, covers and grates, in place;
  - (17) stand. manhole, 5-ft. depth, complete;
  - (18) standard manhole, depth in excess of 5-ft.;
  - (19) manhole, 6-ft. dia. by 8-ft. depth, complete;
  - (20) manhole, 6-ft. dia., depth in excess of 8-ft.;
  - (21) standard inlet with type A grate;
  - (22) standard inlet with type B grate;
  - (23) curb catchbasin, complete;
  - (24) sheeting ordered left in place;
  - (25) concrete pipe, plain, including excav. laying and backfill;
    - (a) 6-in. diameter;
    - (b) 8-inch do;
    - (c) 10-inch do;
    - (d) 12-inch do;
    - (e) 15-inch do;
    - (f) 18-inch do;
    - (g) 21-inch do;
  - (26) concrete pipe, reinforced, including excav. laying and backfill;
    - (a) 24-inch diameter;
    - (b) 27-inch do;
    - (c) 30-inch do;
    - (d) 36-inch do;
    - (e) 42-inch do;
    - (f) 48-inch do;
  - (27) clay sewer pipe, inc. excav., laying and backfill;
    - (a) 6-in. diameter;
    - (b) 8-inch do;
    - (c) 10-inch do;
    - (d) 12-inch do;
    - (e) 15-inch do;
    - (f) 18-inch do;
    - (g) 21-inch do;
    - (h) 24-inch do;
    - (i) 27-inch do;
    - (j) 30-inch do;
    - (k) 36-inch do;
  - (28) A.S.T.M. cast iron culvert pipe, inc. excavation, placing and backfill;
    - (a) 24-inch diameter;
    - (b) 30-inch do;
    - (c) 36-inch do;
    - (d) 42-inch do;
  - (29) standard cast iron pipe, Cl. A, inc. excav., placing and backfill;
    - (a) 6-inch inside diameter;
    - (b) 8-inch do;
    - (c) 10-inch do;
    - (d) 12-inch do;
  - (30) various sizes of wyes junctions for the following sizes of concrete pipe, inc. excav., placing and backfill;
    - (a) 6-inch inside diameter;
    - (b) 8-inch do;
    - (c) 10-inch do;
    - (d) 12-inch do;
    - (e) 15-inch do;
    - (f) 18-inch do;
    - (g) 21-inch do;
    - (h) 24-inch do;
    - (i) 27-inch do;
    - (j) 30-inch do;
    - (k) 36-inch do;
  - (31) various sizes of wyes junctions for the following sizes of clay sewer pipe, including excav., placing and backfill;
    - (a) 6-inch inside diameter;
    - (b) 8-inch do;
    - (c) 10-inch do;
    - (d) 12-inch do;
    - (e) 15-inch do;
    - (f) 18-inch do;
    - (g) 21-inch do;
    - (h) 24-inch do;
    - (i) 27-inch do;
    - (j) 30-inch do;
    - (k) 36-inch do;
  - (32) 6-inch extra strength concrete pipe, inc. excav., placing and backfill;
  - (33) Type A electric manhole, complete;
  - (34) Type B do;
  - (35) Type D do;
  - (36) threaded cast iron pipe, including excav., placing and backfill;
    - (a) 2-inch diameter;
    - (b) 3-inch do;
    - (c) 4-inch do;
    - (d) 4-in. duct line, inc. excav., placing and backfilling;
      - (a) two-way;
      - (b) three-way;
      - (c) four-way;
      - (d) fifteen-way;
  - (37) 3 1/2-in. duct line, inc. excav., placing and backfilling;
    - (a) three-way;
    - (b) six-way;
    - (c) nine-way;
    - (d) fifteen-way;
  - (38) 3 1/2-in. duct delivered to the C.Q.M. for future installation by the U. S.;
  - (40) 4-in. duct delivered to the C.Q.M. for future installation by the U. S.;
  - (41) 4-ft. dowl bar, 3/4-in. dia., in place, inc. sleeve.
- Total bids follow:
- (A) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$299,560; Item B, minus \$1750; Item C, plus \$1060.
- (B) Bodenhamer Constr. Co., 1101 75th Ave., Oakland, at \$274,000; Item B, plus \$15,000; Item C, plus \$5200.
- (C) Eaton & Smith, 715 Ocean Avenue, San Francisco, at \$277,900; Item B, plus \$5900; Item C, plus \$8060.
- (D) Chas. L. Harney, Call Bldg., San Francisco, at \$296,000; Item B, plus \$1500; Item C, plus \$7000.
- (E) D. McDonald, 204 23rd St., Sacramento, at \$304,444.44; Item B, blank; Item C, plus \$8053.
- Unit prices follow:
- |             | (A)    | (B)    | (C)    | (D)    | (E)    |
|-------------|--------|--------|--------|--------|--------|
| (1) \$ 2.40 | \$2.00 | \$2.14 | \$3.00 | \$2.33 |        |
| (2)         | 2.25   | 1.90   | 2.10   | 2.25   | 2.23   |
| (3)         | 3.00   | .90    | .80    | 1.00   | .80    |
| (4)         | 4.00   | 45     | .60    | 1.00   | .10    |
| (5)         | 1.20   | 1.00   | 1.00   | 1.20   | 1.77   |
| (6)         | 1.20   | 1.60   | 1.10   | 1.20   | 1.77   |
| (7)         | 2.50   | 1.50   | 4.00   | 3.00   | 3.00   |
| (8)         | 2.00   | 1.50   | 4.00   | 3.00   | 3.00   |
| (9)         | .15    | .12    | .11    | .10    | .10    |
| (10)        | .15    | .12    | .11    | .10    | .10    |
| (11)        | .15    | .12    | .10    | .08    | .10    |
| (12)        | 1.50   | 1.00   | 1.50   | 1.50   | 1.50   |
| (13)        | 4.00   | 1.00   | 5.00   | 5.00   | 3.00   |
| (14)        | 30.00  | 25.00  | 20.00  | 35.00  | 35.00  |
| (15)        | .07    | .07    | .06    | .06    | .06    |
| (16)        | .12    | .07    | .06    | .15    | .06    |
| (17)        | 80.00  | 100.00 | 80.00  | 100.00 | 75.00  |
| (18)        | 20.00  | 10.00  | 10.00  | 10.00  | 12.10  |
| (19)        | 125.00 | 200.00 | 150.00 | 150.00 | 145.00 |
| (20)        | 25.00  | 10.00  | 15.00  | 25.00  | 74.11  |
| (21)        | 75.00  | 80.00  | 60.00  | 80.00  | 65.00  |
| (22)        | 75.00  | 80.00  | 65.00  | 85.00  | 67.00  |
| (23)        | 70.00  | 75.00  | 70.00  | 80.00  | 63.00  |
| (24)        | 20.00  | 30.00  | 20.00  | 25.00  | 30.00  |
| (25a)       | 1.00   | .60    | .50    | 1.00   | .54    |
| (b)         | 1.25   | .70    | .55    | 1.25   | .71    |
| (c)         | 1.50   | .80    | .64    | 1.50   | .66    |
| (d)         | 1.80   | 1.00   | .74    | 2.00   | .99    |
| (e)         | 2.25   | 1.25   | 1.03   | 2.30   | 1.23   |
| (f)         | 2.50   | 1.40   | 1.39   | 2.60   | 1.44   |
| (g)         | 3.00   | 2.00   | 2.00   | 3.30   | 2.06   |
| (26a)       | 7.25   | 3.00   | 3.02   | 4.60   | 3.27   |
| (b)         | 5.00   | 4.00   | 3.68   | 5.50   | 3.85   |

Bids taken under advisement. \* 29

**BIDS WANTED**  
**SAN DIEGO AND IMPERIAL**  
 SAN, Calif.—Until July 2, 3 p.m., bids will be received by the State Highway Dept., 1365 Harbor Blvd., San Diego, for highway oiling in San Diego and Imperial Counties, between Julian and Calif.—Imperial (C.S. D-imp-198-E, F, G, A), about 50.5 ml. in length, lig. asphalt, to be furnished and applied.  
 Work involves:  
 (1) 240 cu. lig. asphalt, SC-3, in place;  
 (2) 225 tons lig. asphalt, SC-4, in place.  
 Plans and specifications may be obtained from the above office.

July 16, 1937.  
**MERCER ISLAND BRIDGE**  
 King County Commissioners have approved resolution appropriating \$12,500 for survey of site of proposed Mercer Island Bridge \$350,000; and asked that survey be started immediately by State Highway Department. Additional \$12,500 will be appropriated if necessary.

**BIDS OPENED**  
**SAN BERNARDINO AND RIVERSIDE COS., Calif.—United Concrete Pipe Corp.**, 1347 W. 208th St., Los Angeles, at \$37,313.60, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, for highway construction in San Bernardino and Riverside counties at various lo-

cautions in District VIII, about 8.6 miles to be surfaced with plant-mixed surfacing (slow curing type), and seal coat applied thereto.

DUE to a typographical error, the amount of the low bid was previously reported at \$73,313.60.

#### BIDS OPENED

**KLAMATH CO., Ore.**—Saxton & J. S. Risley, Henry Bldg., Portland, Oregon, at \$62,804, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving about 3,938 mt. of Crater Lake National Park, Rim Road, Cloud Gap to Kerr Notch, Project 7-CI surfacing, National Park Road Project, located within the Crater Lake National Park, Klamath Co.

Work involves:

- (1) All lump extra and misc. force account work;
- (2) 3,300 cu. y. unclass. excav.;
- (3) 3,989 mt. fine grading of sub-grade and shoulders;
- (4) 10,000 tons heavy base course, 1½-in. material;
- (5) 12,443 mt. road reconditioning;
- (6) 7,500 tons crusher run top course;
- (7) 500 tons supplemental crushed stone;
- (8) 550 units watering;
- (9) All required provided and maintenance of water plant or plants;
- (10) 525 tons cutback asphalt, MC-2 grade, for prime coat;
- (11) 200 c. y. bit. mix. in stockpiles;
- (12) 200 c. y. Class A cement stone masonry (walls and rail footings);
- (13) 200 c. y. do. (Type 2 guard rail);
- (14) 2000 lf. do. (curbstones);
- (15) 800 lf. log curb, Type 4-A;
- (16) 400 tons boulders for landscaping.

Total bids follow:

(A) Saxton & Looney and J. S. Risley, Henry Bldg., Portland, Ore.—\$62,804.

(B) A. Milne, Portland—\$64,627.

(C) Clifford A. Duun, Klamath Falls—\$68,013.

(D) Homer G. Johnson, Portland—\$70,265.

(E) Bahler Bros., Portland—\$71,499.

(F) A. C. Greenwood, Inc., Portland—\$81,126.

#### BIDS WANTED

**LINN CO., Ore.**—Until July 30, 10 a. m., bids will be received by U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Oregon, for surfacing, North Santiam Highway Project 24-E4, Willamette National Forest, Linn Co., Oregon.

Work involves:

- (1) Extra and misc. force account work;
- (2) 2500 cu. y. unclass. excav.;
- (3) 8,538 mt. fine grading of sub-grade and shoulders;
- (4) 3800 tons dry choked stone or slag base;
- (5) 11,500 tons crusher run top course;
- (6) 160 units watering;
- (7) Provide and maintain water plant or plants;
- (8) 325 tons cutback asphalt, MC-2 grade, for prime coat.

Plans and specifications may be obtained from above office, upon deposit of \$10.

#### CONTRACT AWARDED

**INYO CO., Calif.**—J. A. Casson, Phoenix Bldg., at \$12,221.20, was awarded contract by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment to the existing roadbed on about 7.3 miles of highway between Death Valley Junction and State line in Inyo County

(District IX, Route 128, Section A).

The surfacing is to be applied to the central 18-ft. portion of the road-bed.

#### BIDS WANTED

**LOS ANGELES, Calif.**—Until Aug. 4, 10 a. m., bids will be received by the Los Angeles Board of Public Works for construction of a grade separation structure and appurtenant work in Vignes St. between Alhambra Ave. and 130 ft. north of Baughet St., in Baughet St. from Date St. to Avila St., and in Avila St., from Baughet St. to a point 150 ft. south; and sewer and storm drain work. Union Passenger Terminal Station, PWA Project 4361, Unit I.

The work involves:

- (1) 3,515 cu. y. F concrete, exclusive of concrete in sewers, storm drains or street work;
- (2) 100 cu. y. G concrete, exclusive of concrete in sewers, storm drains or street work;
- (3) Lump sum, reinforcing steel (1,062,270 lbs.), exclusive of steel in sewers, etc.
- (4) Lump sum, ornamental concrete (57 cu. y.) (only those members to be constructed of Class H concrete);
- (5) Lump sum, ornamental iron rail (32 lf.), complete, in place;
- (6) Lump sum, electric conduit system, Plans P-7027 and P-7091;
- (7) Lump sum, lighting system, complete in place (one standard; 10 soffit lights);
- (8) 195 sq. yds. white glazed tile;
- (9) Lump sum, grading (22,646 c. y. cut; 1,347 c. y. fill);
- (10) Lump sum, storm drains, involving:
  - 194 lf. 5½-in. pipe;
  - 97 lf. 36-in. pipe;
  - 547 lf. 36-in. pipe;
  - 745 lf. 30-in. pipe;
  - 63 lf. 27-in. pipe;
  - 307 lf. 24-in. pipe;
  - 356 lf. 18-in. pipe;
  - 440 lf. 12-in. pipe;
- (11) Lump sum, sanitary sewers, involving:
  - 1171 56 lf. 8-in. vit. clay pipe;
  - 1097 99 lf. cast iron pipe;
  - 1297 lf. 6-in. house connection sewers;
  - 59,419 sq. ft. asphaltic concrete pavement, consisting of 6-in. concrete base and 2-in. asphaltic concrete wearing surface;
  - 53,267 sq. ft. concrete pavement, 8-in., including local depressions and class D resurfacing;
  - 230 sq. ft. concrete pavement 6-in. thick;
  - 15,068 sq. ft. rock and oil roadway, 4-in. thick;
  - 126 sq. ft. "A" resurfacing;
  - 354 sq. ft. "C" resurfacing;
  - 1,870 lf. unplastered heavy class curb;
  - 409 lf. unplastered light class curb;
  - 409 lf. unplastered light class curb;
  - 69 lf. curb armor;
  - 1,864 lf. curb bar;
  - 16,141 sq. ft. 3-in., one-course sidewalk;
  - 1,857 sq. ft. 8-in. combination gutter;
  - 1,165 sq. ft. 6-in. concrete gutter;
  - Lump sum, reset 4 manholes, complete

#### CONTRACT AWARDED

**VOIGT AND COLUSA COS., Calif.**—Granite Construction Co., Ltd., Watsonville, California, at \$19,887.60, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for surfacing with bituminous macadam, about 4.3 mi. between Zarema and Erestona and between Arbuckle and Geneva.

#### BIDS WANTED

**WHATCOMB CO., Ore.**—Until July 30, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., for reconstruction surfacing and bituminous surface treatment, Mt. Baker Highway, Project 6-A8, Mt. Baker National Forest, Whatcom County.

Work involves:

- (1) 1700 cu. y. unclass. excav.;
- (2) 4,618 mt. fine grading of sub-grade and shoulders;
- (3) 18,000 tons heavy base course;
- (4) 7200 tons crusher run top course;
- (5) 1000 units watering;
- (6) 160 tons cutback asphalt, MC-2 grade, for prime coat;
- (7) 1850 ft. Hub-High Rustic Guard Rail, type 7.

Plans and specifications may be obtained from the above office upon deposit of \$10.

#### TO PREPARE PLANS

**SANTA ANA, Calif.**—Nat H. Neff, Santa Ana, former County Road Commissioner, has been retained by the Orange County Joint Outfall Sewer District to prepare plans for the repair of approximately 2 miles of Section 2 of the outfall line. Estimated cost, \$85,000. It is probable that plans will be presented to the government for federal aid.

#### CONTRACT AWARDED

**REDWOOD CITY, San Mateo Co., Calif.**—Grant Hoffman, 729 Middlefield Road, Redwood City, at \$0,069 (Item 1); \$0,038 (Item 2); \$0,016 (Item 3), was awarded contract by the Sequoia Union High School District, W. W. Hilton, Secretary, Redwood City, for grading and surfacing the parking space on grounds of Sequoia High School.

Work involves:

- (1) 10,100 sq. ft. paving;
- (2) 15,400 sq. ft. surfacing;
- (3) 3,300 sq. ft. surfacing;
- (4) Redrock, per cu. yd.

Total bids follow:

(A) Grant Hoffman, 729 Middlefield Rd., Redwood City—(1) \$0,069; (2) \$0,038; (3) \$0,016; (4) \$1.50.

(B) William Tyson, Redwood City—(1) \$0,0650; (2) \$0,0475; (3) \$0,0150; (4) \$1.35.

(C) Chas. L. Harnay, San Francisco—(1) \$0.10; (2) \$0.06; (3) \$0.04; (4) \$1.25.

(D) Pacific Truck Service, Inc., San Jose—(1) \$0.1175; (2) \$0.0650; (3) \$0.07; (4) \$1.00.

#### CONTRACT AWARDED

**OAKLAND, Calif.**—John Pestana, 4037 Fruitvale, Oakland, was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, Oakland, for improving 39th Ave. and Victor Ave., Oakland.

Work involves:

- (1) 277 lf. 15-in. reinf. corr. pipe conduit;
  - (2) 158 lf. 10-in. vit. pipe conduit;
  - (3) 60 lf. 12-in. do.;
  - (4) 10 lf. 6x6x corr. iron and conc. box outlets;
  - (5) 2 brick manholes;
  - (6) 4 34-in. storm water inlets.
- John Pestana, 4037 Fruitvale Ave., Oakland, (1) \$4.06 (2) \$2.09 (3) \$3.00 (4) \$11.00 (5) \$17.00; (6) \$75.00.

#### BIDS WANTED

**DOUGLAS CO., Nev.**—Until Aug. 3, 2:00 P. M., bids will be received by Robert A. Allen, State Highway Engineer, Heres' Memorial Bldg., Carson City, Nevada, for constructing 1.8 miles of State Highway in Douglas County, from Gardnerville to Minden, Route 3, Section B3.

Work involves:

- (1) 474 lf. remove fence;
- (2) 490 lf. remove culvert pipe;
- (3) 21 each remove trees;
- (4) 22 each, remove stumps;

- (5) 24 c.y. remove concrete;  
 (6) 6 each remove conc. culverts;  
 (7) 7 each remove wooden bridge;  
 (8) 6,447 c.y. rdwy. excav.;  
 (9) 14,783 yd. sta. overhaul (yd. sta.)  
 (10) 1,226 yd. ml. overhaul (yd.-mile)  
 (11) 3,165 c.y. drainage excav.;  
 (12) 475 c.y. struc. excav.;  
 (13) 435 c.y. backfill;  
 (14) 1.80 miles subgrade, type B;  
 (15) 1,520 tons gravel base, type 1;  
 (16) 14,794 tons do, type 2 (1½-inch size);  
 (17) 2,235 tons coarse aggregate (1½-to ¾-in. size);  
 (18) 458 tons key rock (¾-in. to No. 4 size);  
 (19) 524 tons screenings (¾-in. to No. 10 size);  
 (20) 682 M. gals. water;  
 (21) 157 tons emulsified asph., pene.;  
 (22) 94 tons do, mixing;  
 (23) 60 ton liquid asph., type SC-2;  
 (24) 86 c.y. Class A concrete;  
 (25) 6,520 lbs. reinf. steel;  
 (26) 3,000 lbs. struc. steel;  
 (27) 2,266 MFBM redwood;  
 (28) 274 lf. 8-in. corr. metal pipe (dipped);  
 (29) 68 lf. 18-in. do;  
 (30) 958 lf. 24-in. do;  
 (31) 32 lf. relay culvert pipe;  
 (32) 2 each move bridges;  
 (33) 5 each move concrete headgates  
 (34) 22 each monuments;  
 (35) 4,447 lf. reconstruct fence;  
 (36) 3,630 lbs. castings;  
 (37) force account, misc. items;  
 (38) force account roadside cleanup;  
 (39) 348 c.y. Class A concrete (curb and gutter);  
 (40) force account, preparing conc. pavement for retread surface.  
 Plans and specifications may be obtained from above office.

## BIDS OPENED

IMPERIAL COUNTY, Cal.—R. E. Hazard & Son, P. O. Box 1438, San Diego, at \$65,973.40 submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, for highway construction in Imperial County between Brawley and Mulberry Ave. (XL-imp-187-Brw-D), about 4 miles in length, to be graded and surfaced with plant-mixed surfacing.

## Work Involves:

- (1) 1,920 M. gals. water;  
 (2) 57,600 c.y. rdwy. excav., unclass.;  
 (3) 156,000 sta. yds. overhaul;  
 (4) 2,600 c.y. struc. excav.;  
 (5) 35 c.y. remove concrete;  
 (6) 209 sta. finishing rdwy.;  
 (7) 12,000 tons gravel base;  
 (8) 70 tons liquid asphalt, MC-2 prime coat;  
 (9) 6500 tons mineral agg plant-mix surf.;  
 (10) 275 tons liq. asph. MC-5 or MC-extra heavy plant-mix surf.;  
 (11) 21,200 pounds bar reinf. steel (struc.);  
 (12) 148 c.y. Class A cement concrete (struc.);  
 (13) 23 MFBM redwood timber dense select all-heart struc. grade;  
 (14) 10 MFBM redwood timber select all-heart struc. grade;  
 (15) 2,270 lf. furnish treated D F piles including test piles;  
 (16) 47 each driving do;  
 (17) 214 ft. 12-in. CM pipe;  
 (18) 1,482 ft. 18-in. do;  
 (19) 832 ft. 24-in. do;  
 (20) 24 ft. 30-in. do;  
 (21) 192 ft. 36-in. do  
 (22) 35 concrete pipe joints;  
 (23) 1,027 lf. remove pipe culverts;  
 (24) 2 culvert markers;  
 (25) 5.6 miles fences moved and re-set;  
 (26) 71 manholes, adjusted to grade;  
 (27) 42 monuments;  
 (28) 2 clearance markers.  
 The State will furnish CM pipe.

## Total bids were:

- R. E. Hazard & Son, San Diego,  
 (1) \$1.20 (2) \$2.22 (3) \$0.41 (4) \$1.25  
 (5) \$3 (6) \$4 (7) \$1.20 (8) \$18 (9)  
 \$1.53 (10) \$18 (11) \$0.85 (12) \$25 (13)

- \$90 (14) \$90 (15) \$.75 (16) \$25 (17)  
 \$50 (18) \$5.0 (19) \$70 (20) \$1 (21)  
 \$1.25 (22) \$6 (23) \$.50 (24) \$3 (25)  
 \$2.20 (26) \$10 (7) \$3 (28) \$3; total,  
 \$65,973.40.

Y. R. Dennis Const. Co., San Diego:  
 (1) \$1 (2) \$.21 (3) \$.01 (4) \$.75 (5)  
 \$4 (6) \$10 (7) \$1.50 (8) \$20 (9) \$1.95  
 (10) \$20 (11) \$0.6 (12) \$25 (13) \$110  
 (14) \$110 (15) \$1.10 (16) \$15 (17) \$30  
 (18) \$.35 (19) \$.50 (20) \$.60 (21) \$.70  
 (22) \$.6 (23) \$.65 (24) \$.5 (25) \$17.2  
 (26) \$.6 (27) \$3 (28) \$10; total, \$72,312.25.

B. G. Carroll, San Diego: (1) \$1.50  
 (2) \$.23 (3) \$.003 (4) \$1.20 (5) \$.85  
 (6) \$.4 (7) \$1.25 (8) \$.25 (9) \$2.45 (10)  
 \$19 (11) \$.06 (12) \$25 (13) \$15 (14)  
 \$135 (15) \$.77 (16) \$30 (17) \$.30 (18)  
 \$.45 (19) \$.60 (20) \$.70 (21) \$1 (22)  
 \$10 (23) \$.50 (24) \$3 (25) \$275 (26)  
 \$2 (27) \$3 (28) \$3; total, \$74,182.50.

G. W. Ellis, North Hollywood: (1) \$.125 (2) \$.30 (3) \$.02 (4) \$.150 (5) \$.5  
 (6) \$.8 (7) \$1 (8) \$.22 (9) \$.175 (10) \$.20  
 (11) \$.06 (12) \$.25 (13) \$.35 (14) \$.25  
 (15) \$.35 (16) \$.40 (17) \$.50 (18) \$.60  
 (19) \$1 (20) \$.150 (21) \$.2 (22) \$10  
 (23) \$.50 (24) \$.2 (25) \$.200 (26) \$10  
 (27) \$.3 (28) \$.5; total, \$76,250.10.

D. W. Thurston, Los Angeles: (1) \$1.50 (2) \$.56 (3) \$.02 (4) \$.90 (5) \$.2  
 (6) \$.57 (7) \$1.26 (8) \$21.50 (9) \$1.90  
 (10) \$20.85 (11) \$.05 (12) \$.21 (13)  
 \$45 (14) \$140 (15) \$1.08 (16) \$30  
 (17) \$.30 (18) \$.45 (19) \$.50 (20) \$1  
 (21) \$1.25 (22) \$10 (23) \$.50 (24) \$3  
 (25) \$350 (26) \$10 (27) \$3 (28) \$3;  
 total \$82,104.95.

## LOW BIDDER

JACKSON CO., Oregon.—McNutt Bros., Eugene, Oregon, at \$66,061.00, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving 1.510 miles of the Tiller-Trial Highway Grading Project 16-G3, 11 J., National Forest Road Project, located within the Rogue River National Forest, Jackson Co.

## Work Involves:

- (1) All required maintenance of existing road, etc.;  
 (2) All required extra and miscellaneous force account work;  
 (3) 15 acres clearing;  
 (4) 13 acres grubbing;  
 (5) 118,500 c.y. unclass. excav.;  
 (6) 275,000 sta. yds. special overhaul;  
 (7) 5,000 c.y. mile special overhaul;  
 (8) 5 acres roadside cleanup;  
 (9) 2,938 m. finishing earth graded roads;  
 (10) 162 c.y. Class A concrete;  
 (11) 21,000 lbs. reinf. steel;  
 (12) 1,080 lf. culverts (ait.);  
 (13) 500 c.y. loose riprap, type I;  
 (14) 600 lf. 6-in. bit. coated perforated corrugated metal pipe underdrain, type 2;  
 (15) 13 MFBM untr. timber, including bridge iron.

Complete bids will be published shortly.

## BIDS OPENED

RIVERSIDE COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$54,235 submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, for highway construction in Riverside County between San Jacinto and Moreno (VIII-Riv-199C), about 12.5 miles to be surfaced with plant mixed surfacing, slow curing type, and seal coat applied thereto.

## The work involves:

- (1) 16,500 tons mineral aggregate (plant-mix surf.);  
 (2) 870 tons liquid asph., SC-4 (plant mix surf.);  
 (3) 165 tons asphaltic emulsion (seal coat);  
 4) 1,790 tons sand (seal coat);  
 5) 235,000 sq. yds. asph. paint binder  
 Total bids follow:

- (A) Oswald Bros., Los Angeles, \$54,235.00.  
 (B) D. W. Thurston, Los Angeles, \$54,885.00.  
 (C) E. E. Hazard & Son, San Diego, \$57,850.00.  
 (D) Geo. Herz & Co., San Bernardino \$61,108.00.  
 (E) A. S. Vinnell Co., Los Angeles, \$62,937.50.  
 (F) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$67,620.00.

(G) Bodenhamer Const. Co., Oakland, \$68,064.75.

(H) United Concrete Pipe Corp., Los Angeles, \$68,469.00.

(I) E. L. Yeager, Riverside, \$74,747.50

Unit prices follow:

- |          | (1)    | (2)     | (3)     | (4)    | (5)    |
|----------|--------|---------|---------|--------|--------|
| (A)..... | \$2.05 | \$11.50 | \$28.00 | \$2.00 | \$0.15 |
| (B)..... | 2.27   | 10.00   | 26.00   | 1.00   | .01    |
| (C)..... | 2.20   | 11.00   | 27.00   | 2.50   | .02    |
| (D)..... | 2.37   | 12.00   | 26.00   | 1.70   | .018   |
| (E)..... | 2.44   | 9.75    | 25.00   | 3.00   | .02    |
| (F)..... | 2.65   | 12.50   | 25.00   | 3.00   | .015   |
| (G)..... | 3.12   | 9.40    | 16.35   | 1.10   | .016   |
| (H)..... | 2.68   | 12.00   | 20.00   | 2.10   | .02    |
| (I)..... | 3.09   | 12.75   | 30.00   | 3.00   | .01    |

## BIDS OPENED

SAN BERNARDINO and Riverside Cos., Cal.—United Concrete Pipe Corp., 1347 12th 208th St., Los Angeles, at \$73,313.60 submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, for highway construction in San Bernardino and Riverside counties at various locations in District VIII, about 8.6 miles to be surfaced with plant-mixed surfacing (slow curing type), and seal coat applied thereto.

The work involves:

- (1) \$120 tons of mineral aggregate (plant-mix surf.);  
 (2) 430 tons of liquid asphalt, SC-4 (plant-mix surf.);  
 (3) 100 tons asphaltic emulsion (seal coat);  
 (4) 940 tons sand (seal coat);  
 (5) 123,000 sq. yds. asphaltic paint binder.

## Total bids follow:

- (A) United Concrete Pipe Corp., Los Angeles, \$73,313.60.  
 (B) Oswald Bros., Los Angeles, \$38,726.00.  
 (C) E. L. Yeager, Riverside, \$40,776.00.  
 (D) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$42,089.00.  
 (E) Geo. Herz and Co., San Bernardino, \$43,714.00.

## Unit prices follow:

- |          | (1)    | (2)     | (3)     | (4)    | (5)    |
|----------|--------|---------|---------|--------|--------|
| (A)..... | \$2.98 | \$12.00 | \$30.00 | \$2.40 | \$0.02 |
| (B)..... | 3.30   | 11.50   | 28.00   | 2.25   | .015   |
| (C)..... | 3.30   | 13.00   | 30.00   | 4.00   | .01    |
| (D)..... | 3.45   | 12.50   | 26.00   | 3.50   | .02    |
| (E)..... | 3.70   | 13.00   | 25.00   | 3.00   | .02    |

## LOW BIDDERS

RIVERSIDE CO., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$54,235 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for surfacing with plant-mixed surfacing, slow-curing type, and seal coat applied thereto about 12.5 ml. between San Jacinto and Moreno.

## The work involves:

- (1) 16,500 tons mineral aggregate, (plant-mix surf.);  
 (2) 870 tons liq. asphalt, SC-4, plant-mix surf.;  
 (3) 165 tons asphaltic emulsion (seal coat);  
 (4) 1,790 tons sand (seal coat);  
 (5) 235,000 sq. yds. asphaltic paint binder.

## Total bids were:

- Oswald Bros., 366 E. 58th St., Los Angeles, \$54,235  
 D. W. Thurston, L. A., \$45,885  
 R. E. Hazard & Sons, San Diego, \$57,850

Complete bids will be published shortly. 29

THURSTON COUNTY—BRIDGE—(State)

THURSTON CO., Wash.—Rumsey & Co., 3821 Airport Way, Seattle, Wash., at \$22,778, was awarded contract by the Washington State Highway Department for constructing a reinforced concrete bridge, 2 miles long on Primary Highway No. 1, Olympia South overcrossing and Deschutes River Bridge at Tumwater, FAP25-B, Thurston County.

Work involves:

MISCELLANEOUS ITEMS

- (1) 2770 c.y. unclas. excav., incl. all hauling;
- (2) 50 c.y. struc. excav., incl. all hauling;
- (3) 2000 c.y. special borrow, in place, incl. all hauling;
- (4) 1 each, std. concr. or br. manhole with C 1 ring and cover,

- complete in place;
- (5) 1 each, spec. concr. catch basin, Des. No. 1, with C 1 cover complete, in place;
- (6) 205 ft. plain concr. or V C sewer pipe, 8-in. diam., complete in place.

OVERCROSSING AND BRIDGE

- (7) 3500 c.y. struc. excav.;
- (8) 4100 c.y. concr. class A in place;
- (9) 850 c.y. concr. class B in place;
- (10) 430 c.y. concr. class D in place;
- (11) 1,100,000 lbs. steel reinforcing bar in place;
- (12) 6500 lbs. struc. steel in place;
- (13) 300 lbs. copper seals in place;
- (14) 12 each, cast steel drains, in place;
- (15) 4 each, cast iron manhole frame and cover, in place;

- (16) 16 each, cast iron handhole frame and cover, in place;
- (17) 430 ft. 3½-in. galv. wrought steel pipe, in place;
- (18) 9550 ft. furnishing steel foundation piling at site;
- (19) 285 each, driving and capping steel piles, in place;
- (20) 1945 ft. precast concr. handrailing, in place;
- (21) Lump sum, precast concr. pylon details, in place;
- (22) 16 each, lamp posts and fixtures complete, in place;
- (23) 4 each, special lighting fixtures complete, in place;
- (24) Lump sum, conduit and wiring complete, in place.

Total bids follow:

(A) Rumsey & Co., 3821 Airport Way, Seattle, Wash.....	\$22,778
(B) Martin Schuehle, 9316 7th Ave. S., Seattle, Wash.....	239,112
(C) MacRae Bros., 614 5th, Seattle, Wash.....	248,472
(D) Puget Construction Co., 3925 6th SW, Seattle, Wash.....	254,467
(E) Hagan & Larson, Inc., 568 Colman Bldg., Seattle, Wash.....	272,082
(F) General Construction Co., 3840 Iowa, Seattle, Wash.....	273,585
(G) Macri Bros., 611 21st Ave. N., Seattle, Wash.....	280,621
(H) Parker-Schram Co., 515 Couch Bldg., Portland, Ore.....	285,192
(I) M. P. Butler, 3419 13th Ave. SW, Seattle, Wash.....	295,389
(J) L. Romano Engineering Corp., 1300 Dearborn, Seattle, Wash.....	299,510

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1) .....	\$ 0.30	\$ 1.50	\$ 0.50	\$ 0.30	\$ 0.50	\$ 0.50	\$ 0.60	\$ 0.40	\$ 0.50	\$ 1.00
(2) .....	1.00	2.90	1.50	1.00	1.50	1.00	1.95	2.00	2.00	2.00
(3) .....	.50	1.40	.50	.30	.60	.50	.65	.45	.50	1.00
(4) .....	150.00	100.00	120.00	100.00	150.00	150.00	150.00	50.00	100.00	200.00
(5) .....	150.00	30.00	50.00	100.00	70.00	100.00	150.00	30.00	75.00	200.00
(6) .....	.50	.85	.70	1.00	.70	1.00	.50	.75	.60	5.00
(7) .....	7.00	3.90	4.00	7.00	11.50	12.00	5.20	9.50	7.50	5.00
(8) .....	23.00	23.50	26.00	26.00	26.00	27.00	27.00	28.50	31.00	30.00
(9) .....	19.00	22.00	26.00	25.00	25.00	22.00	26.00	25.50	31.00	27.00
(10) .....	18.00	22.00	26.00	24.00	25.00	15.00	25.00	13.50	31.00	27.00
(11) .....	.05	.05	.05	.055	.05	.05	.06	.055	.055	.06
(12) .....	.10	.15	.10	.10	.10	.10	.09	.10	.12	.10
(13) .....	.75	1.00	1.00	1.00	1.00	1.00	1.00	.50	1.50	.60
(14) .....	30.00	15.00	35.00	30.00	35.00	35.00	35.00	25.00	18.00	25.00
(15) .....	35.00	30.00	20.00	15.00	35.00	50.00	20.00	40.00	38.00	20.00
(16) .....	20.00	6.00	15.00	10.00	14.00	20.00	35.00	15.00	15.00	12.00
(17) .....	2.00	3.00	2.25	2.00	1.50	4.00	2.00	1.85	3.00	5.00
(18) .....	1.80	1.80	1.70	1.70	1.50	1.60	1.90	1.50	1.70	2.25
(19) .....	15.00	16.00	25.00	10.00	25.00	20.00	26.00	33.50	15.00	20.00
(20) .....	2.00	1.90	2.00	.60	2.00	3.00	3.40	2.55	2.50	5.00
(21) .....	1500.00	770.00	2000.00	500.00	1200.00	1200.00	4000.00	3500.00	1200.00	1500.00
(22) .....	160.00	123.62	225.00	60.00	190.00	160.00	293.00	235.00	300.00	300.00
(23) .....	150.00	123.62	130.00	25.00	125.00	130.00	247.00	215.00	224.00	250.00
(24) .....	2500.00	2500.00	2400.00	2170.00	2200.00	2500.00	4000.00	3000.00	3000.00	3000.00

BIDS WANTED

YAVAPAI COUNTY, Ariz.—Until July 20, 2 P. M., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, for applying asphaltic surface treatment to the Prescott-Jerome Highway F. A. 96-C, starting 22 miles northeast of Prescott and extending 5½ miles northeasterly.

Work involves:

- (1) 64,700 gals. SC-2 road oil;
- (2) 600 c.y. spreading stockpiled cover coat;
- (3) 170 M. gals. sprinkling;
- (4) 100 hours rolling.

Plans and specifications may be obtained from the above office.

BIDS OPENED

VALLEJO, Solano Co., Cal.—A. J. Raich, 46 Kearny St., San Francisco, at \$3,979.50 submitted the only bid to Alf. E. Edgecumb, City Clerk, Vallejo, for the grading and paving of Indiana Street between Sacramento and Marin Streets.

LOW BIDDER

NAVAJO-APACHE COS., Arizona.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$7,284.40, submitted low bid to the Arizona State Highway Engineer, Phoenix, for the construction of Holbrook-Luntton Highway Non-FA 83-C & G. AFE 6669. The work, which begins at a point 14¼ mi. northeast of Hol-

brook and extends east about 6½ mi. to Navajo-Apache county line, consists of furnishing and applying seal coat to existing asphalt surface and is to be completed on or before August 31. The work involves:

- (1) 112 tons emuls. asph., class A;
- (2) 550 c.y. screenings.

Complete bids follow:

(A) Southern Calif. Roads Co., 2145 E. 25th St., Los Angeles—(1) \$35.75, (2) \$5.90; total, \$7,284.40

(B) Reliance Truck Co., Phoenix, Ariz.—(1) \$31.50, (2) \$7.60; total, \$7,753.60

(C) Tiffany Constr. Co., Phoenix—(1) \$35.60, (2) \$7.10; total, \$7,867.60.

(D) W. E. Hall Co., Phoenix—(1) \$37.50, (2) \$6.75; total, \$7,953.00.

(E) J. A. Casson, Phoenix—(1) \$34.90, (2) \$7.90; total, \$8,301.20

(F) Heuser & Garnett, Glendale—(1) \$40.00, (2) \$7.50; total, \$8,650.00.

(G) Fisher Cont. Co., Phoenix—(1) \$55. (2) \$5.00; total, \$8,940.00.

COMPLETE BIDS

ORANGE Co., Calif.—C. O. Sparks & Mundo Engng. Co., 2309 E. Olympic Blvd., Los Angeles, at \$9,552.98, submitted low bid to the State Division of Highways, 408 State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and constructing borders between the north city limits of Orange and two miles northerly on Road VII-Ora-43-E.

Work involves:

- (1) 1,020 tons mineral aggregate in place (borders);
- (2) 54 tons liquid asphalt, MC-extra heavy, in place (borders);
- (3) 10 tons liquid asphalt, RC-1, in place (paint binder);
- (4) 1,000 tons mineral aggregate, in place (surfacing);
- (5) 100 tons liquid asphalt, MC-4 or MC-5, in place (surfacing).

Total bids follow:

(A) C. O. Sparks & Mundo Engng. Co., 2309 East Olympic Blvd., L. A. \$9,552.98

(B) Griffith Co., L. A. 10,652.60

(C) Oswald Bros., L. A. 11,404.00

Unit prices follow:

(1)	(2)	(3)	(4)	(5)
(A) \$2.60	\$1.87	\$30.00	\$2.35	\$13.87
(B) 2.85	3.00	40.00	2.65	15.00
(C) 3.00	16.00	18.00	3.00	16.00

CONTRACT AWARDED

RIVERSIDE Co., Calif.—Oswald Bros., 366 E. 5th St., Los Angeles, at \$94,235, was awarded contract by C. H. Purcell, State Highway Engineer, Los Angeles, for highway construction in Riverside County, bet. San Jacinto and Moreno (VIII-Riv-199C), about 12.5 miles to be surfaced with plant-mixed surfacing, slow-curing type, and seal coat applied thereto.

## LOW BIDDERS

IMPERIAL CO., Calif.—R. E. Hazard & Sons, P.O. Box 1438, San Diego, at \$65,973.40, submitted low bid to the State Highway Engineer, State Building, Los Angeles, for grading and surfacing with plant-mixed surfacing about four miles between Brawley and Mulberry Avenue.

The work involves:

- (1) 1,820 M. gals. water;
- (2) 57,600 cu. yd. excav., unclass.;
- (3) 156,000 sta. yds. overhaul;
- (4) 2,600 cu. yd. struc. excav.;
- (5) 35 cu. yd. remove concrete;
- (6) 209 sta. finishing rdwy.;
- (7) 12,000 tons gravel base;
- (8) 70 tons liquid asphalt, MC-2, prime coat;
- (9) 7,500 tons mineral aggregate, plant-mix surf.;
- (10) 275 tons liquid asphalt, MC-5 or MC-extra heavy plant-mix surf.;
- (11) 210,200 lbs. bar reinf. steel struc.;
- (12) 146 cu. yd. Class A portland cement concrete struc.;
- (13) 23 MFMB Redwood timber, dense select, all-heart struc. grade;
- (14) 10 MFMB Redwood timber, select, all-heart struc. grade;
- (15) 2,270 lf. furnish treated Douglas fir piles, incl. test piles;
- (16) 47 each. driving do;
- (17) 214 lf. 12-in. CMP;
- (18) 1,432 lf. 18-in. excav. CMP;
- (19) 832 lf. 24-in. CMP;
- (20) 241 lf. 30-in. CMP;
- (21) 192 lf. 36-in. CMP;
- (22) 35 each. concrete pipe joints;
- (23) 1,027 lf. remove pipe culverts;
- (24) 2 each. culvert markers;
- (25) 5.6 miles fences moved and reset;
- (26) 11 each. manholes adjusted to grade;
- (27) 42 each. monuments;
- (28) 2 each. clearance markers.

Note: The state will furnish CMP.

Total bids follow:

R. E. Hazard & Sons, P.O. Box 1438, San Diego, \$65,973.40  
 V. E. Dennis Constr. Co., San Diego, 72,312.25  
 B. G. Carroll, San Diego, 71,182.50  
 Complete bids will be published shortly.

## BIDS WANTED

SAN DIEGO, Cal.—Until July 27, 11 A. M., bids will be received by E. L. Marshall, Commander, 11th Naval District, foot of Broadway, San Diego, under Spec. #499 for resurfacing station entrance road at the U. S. Naval Radio Direction Finder Station, Imperial Beach, San Diego.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

## CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—Chas. L. Harney, Call Bldg., San Francisco, at \$9,161 per sq. ft., awarded contract by the Sequoia Union High School District, W. W. Hilton, Secretary, Redwood City, for building a cement sidewalk approximately 3500 sq. ft. area, on James Street, bordering the grounds of the high school.

Complete bids follow:

Chas. L. Harney, Call Bldg., San Francisco, 16c per sq. ft.  
 William Tyson, Redwood City—18c per sq. ft.  
 Peter Sorenson, Woodside—21c per sq. ft.  
 Emil G. Steingger, Redwood City 21c per sq. ft.

## BIDS WANTED

SACRAMENTO, Calif.—Until July 29, 8 p.m., bids will be received by the Sacramento City Council for the improvement of all streets in Land Park Tract Unit, No. 1.

Work involves:

- (1) 8953 cu. yd. excav.;
- (2) 521 cu. yd. fill;

- (3) 9193 lf. curb and gutter, cut No. 6;
- (4) 47 lf. curb alone;
- (5) 25 gutter drains, cut 10;
- (6) 17 manholes, complete;
- (7) 11 street monuments;
- (8) 27,521 sq. ft. sidewalk, 3½ in. thick;
- (9) 1812 cu. yd. crusher run base, 4 in. thick, compress;
- (10) 2640 tons 3-in. asphaltic concrete with seal coat and screenings;
- (11) 4 gutter drains reset;
- (12) 90 lf. curb and gutter to remove;
- (13) 416 sq. ft. paving to remove and replace;
- (14) 12 manholes reconstruct to grade;
- (15) 1 electric system to complete;
- (16) 1441 lf. vit. sewer pipe, 6-in.;
- (17) 2612 lf. vit. sewer pipe, 8-in.;
- (18) 170 lf. vit. sewer pipe, 10-in.;
- (19) 149 lf. vit. sewer pipe, 12-in.;
- (20) 290 lf. vit. sewer pipe, 15-in.;
- (21) 330 lf. vit. sewer pipe, 18-in.;
- (22) 146 lf. vit. sewer pipe, 21-in.;
- (23) 2 flusher branches to complete.

## BIDS WANTED

LINN CO., Ore.—Until July 30, 10 a.m., bids will be received by U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Oregon, for surfacing, North Santiam Highway Project 24-E4, Willamette National Forest, Linn Co., Oregon.

Work involves:

- (1) Extra and misc. force account work;
- (2) 2500 cu. yd. unclass. excav.;
- (3) 8,536 cu. yd. fine grading of sub-grade and shoulders;

## SAN FRANCISCO—WATER SUPPLY SYSTEM—(City)

SAN FRANCISCO.—Martin Murphy, 734 Santa Fe Ave., Berkeley, at \$24,159.15 submitted the low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19005, for installing Section F of the Potrero District Extension to the auxiliary water supply system for fire protection.

Work involves:

- (1) 87 lengths, approx. 69.7 tons 12-inch Class H double spigot plain pipe, furnished, tested and delivered;
- (2) 4 lengths, approx. 3.5 tons, 12-inch Class H double spigot lugged pipe, furnished, tested and delivered;
- (3) 1 length, approx. 1 ton, 12-inch Class H bell and spigot lugged pipe, furnished, tested and delivered;
- (4) 32 lengths, approx. 21 tons, 10-inch Class H double spigot plain pipe, furnished, tested and delivered;
- (5) 17 lengths, approx. 11.1 tons, 10-inch Class H double spigot lugged pipe, furnished, tested and delivered;

NOTE: Items Nos. 1 to 5 cast iron pipe shall be furnished by the contractor.  
 Cast Iron Pipe and Special Castings In Place

- (6) 20 lf. 18-in. Class H bell and spigot lugged pipe;
- (7) 1928 lf. 12-in. Class H double spigot plain pipe;
- (8) 48 lf. 12-inch Class H double spigot lugged pipe;
- (9) 24 lf. 12-inch Class H bell and spigot lugged pipe;
- (10) 1155 lf. 10-in. Class H double spigot plain pipe;
- (11) 216 lf. 10-in. Class H double spigot lugged pipe;
- (12) 100 lf. 8-in. Class H bell and spigot lugged pipe.

NOTE: Items Nos. 6 to 12, inclusive; some of the pipe and special castings will be furnished by the

- (4) 3,800 tons dry choked stone or slag base;
  - (5) 11,500 tons crusher run top course;
  - (6) 1,600 units watering;
  - (7) Provide and maintain water plant or plants;
  - (8) 360 tons cutback asphalt, MC-2 grade, for prime coat.
- Plans and specifications may be obtained from above office, upon deposit of \$10.

## 30—RESERVOIRS &amp; DAMS

## BIDS WANTED

VENTURA, Calif.—Until Aug. 23, 7:30 p.m., bids will be received by the Ventura city council for the construction of an earth embankment type power water storage reservoir, in accordance with plans prepared by Carl Froerer, city engineer. Certified check or cashier's check or corporate surety bid bond, 10%.

Work involves:

- (1) 80,700 cu. yd. reserv. excav.;
- (2) 19,000 cu. yd. rolled eml.;
- (3) 19,500 sq. yds. subgrading;
- (4) 19,400 sq. yds. reinf. concrete surf.;
- (5) 281,000 lbs. slab reinf.;
- (6) 206 cu. yd. struc. concr.;
- (7) 18,000 lbs. reinf. steel in misc. struc.;
- (8) 488 ft. 36-in. reinf. concr. pipe, 8-in. rivet. c.;
- (9) One reinstallation of Type L, Martin Gate valve;
- (10) 20 MFMB redwood lumber;
- (11) 234 weep holes;
- (12) One 24-in. gate valve;
- (13) 24 ft. 27-in. reinf. concr. cast pipe;

Such pipe as the city does not have on hand shall be furnished by the contractor under Bid Items Nos. 13 and 14. Special castings as the city does not have in stock shall be furnished by the contractor as hereinafter called for.

- (13) 2 16-in. gate valves, in place;
- (14) 5 8-in. do;
- (15) 5 2½ h.p. hydrants, in place;

NOTE: Items Nos. 13, 14 and 15; the valves and hydrants included in these items, will be furnished by the city.

(16) 15,600 lbs. pig lead furnished and delivered;

- (17) 22,000 lbs. cast steel special castings, furnished and delivered;
- (18) 4069 lbs. cast iron do;
- (19) 1924 lbs. manhole, valve box, cast iron frames, covers and dust pans, furnished and placed;
- (20) 5980 lbs. of wrought iron bolts, nuts, washers and tie rods, furnished and placed;
- (21) 163 lbs. reinf. steel, furnished and placed;
- (22) 5 cu. yd. Class B concrete, in place;
- (23) 1344 cu. yd. excav. and backfilling;
- (24) 1668 sq. ft. asphalt concrete pavement (2- to 6-in. Class F conc.);
- (25) 4990 sq. ft. basalt blocks on 3-inch sand base;
- (26) 21 sq. ft. concrete sidewalk, 2-course;
- (27) 2 cu. yd. crushed rock, furnished and placed.

NOTE: Items Nos. 16 to 27, inclusive; all materials shall be furnished by the contractor.

(28) Alteration to the existing high pressure line.

Total bids follow:

(A) Martin Murphy, 734 Santa Fe Ave., Berkeley, \$24,159.15.  
 (B) Lowrie Paving Co., \$24,397.00.  
 (C) The Fay Improvement Co., \$24,472.70.  
 (D) Chas. L. Harney, \$25,258.80.  
 (E) Eaton & Smith, \$25,695.98.  
 (F) E. J. Treacy, \$27,076.14.  
 (G) M. J. Lynch, \$27,627.09.

Unit prices follow:



(A)	(B)	(C)	(D)	(E)	(F)	(G)	
(1)	\$72.00	\$69.94	\$75.51	\$61.00	\$56.50	\$56.50	\$70.00
(2)	81.00	80.25	86.43	70.00	66.50	66.50	81.00
(3)	70.00	67.50	72.89	60.00	55.50	55.50	70.00
(4)	72.00	69.94	75.52	60.00	56.50	56.50	70.00
(5)	81.00	80.25	86.43	70.00	66.50	66.50	81.00
(6)	8.00	4.00	2.48	8.00	2.50	2.00	5.00
(7)	1.50	1.60	2.33	2.50	1.85	2.78	2.50
(8)	2.00	2.22	2.48	4.00	2.00	3.08	2.80
(9)	2.00	3.33	2.48	4.00	1.75	3.08	2.60
(10)	1.50	1.40	2.33	2.00	1.60	2.84	2.40
(11)	2.00	1.85	2.48	3.00	1.40	2.96	2.40
(12)	2.00	2.50	2.48	4.00	1.20	1.60	5.00
(13)	20.00	50.00	25.42	25.00	20.00	15.00	100.00
(14)	20.00	40.00	25.42	15.00	15.00	15.00	80.00
(15)	20.00	50.00	34.42	25.00	2.00	15.00	150.00
(16)	.08	.07	.03	.07	.075	.065	.07
(17)	.21	.205	.18	.21	.24	.20	.22
(18)	.11	.115	.11	.12	.15	.11	.11
(19)	.10	.10	.08	.10	.13	.10	.10
(20)	.16	.155	.14	.15	.20	.15	.15
(21)	.06	.10	.03	.10	.05	.05	.07
(22)	20.00	15.00	22.00	20.00	20.00	20.00	15.00
(23)	1.50	2.00	1.55	2.00	3.50	3.75	2.00
(24)	.25	.30	.18	.30	.25	.30	.30
(25)	.15	.18	.18	.10	.12	.10	.20
(26)	.20	.20	.16	.30	.25	.16	.17
(27)	4.00	5.00	3.50	2.00	3.50	3.00	3.00
(28)	850.00	500.00	418.00	800.00	400.00	300.00	500.00

**Yolo, Colusa, Yuba, Placer, Nevada and El Dorado Counties—Highway Construction—(State)**

YOLO, Colusa, Yuba, Placer, Nevada and El Dorado Cos., Calif.—Heafey-Moore Co., 344 High Street, Oakland, and E. F. Hilliard, 1355 43rd Street, Sacramento, at \$28,221.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 43.2 mi. seal coat to be applied to roadbed at various locations in District 111.

The work involves:

- (1) 22 tons liq. asph., MC-4 (Location A);
- (2) 200 tons sand (Location A);
- (3) 41 tons liq. asph., MC-4 (Location B);
- (4) 400 tons sand (Location B);
- (5) 109 tons liq. asph., 90-95 (Location C);
- (6) 1,300 tons screenings (do.);
- (7) 83 tons liq. asph., 90-95 (Location D);
- (8) 990 tons screenings (do.);
- (9) 87 tons liq. asph., 90-95 (Location E);
- (10) 1,020 tons screenings (do.);
- (11) 58 tons liq. asph., 90-95 (Location F);
- (12) 700 tons screenings (do.);
- (13) 50 tons liq. asph., 90-95 (Location G);
- (14) 600 tons screenings (do.).

Total bids follow:

(A) Heafey-Moore Co., 344 High St., Oakland and E. F. Hilliard, 1355 43rd St., Sacramento	\$28,221.50
(B) Granite Construction Co., Ltd., Watsonville	28,957.00
(C) Hayward Bldg. Material Co., Hayward	29,639.80
(D) E. A. Forde, San Anselmo	30,797.55
(E) Lee J. Immel, Berkeley	33,144.00
(F) Pacific Truck Service, Inc., San Jose	34,023.70
(G) A. Soda & Son, Oakland	34,898.85

Unit prices follow:

(A)	(B)	(C)	(D)	(E)	(F)	(G)	
(1)	\$20.00	\$22.00	\$22.00	\$20.00	\$26.00	\$20.14	\$22.00
(2)	2.80	2.00	2.30	3.75	4.10	4.13	4.25
(3)	26.00	22.00	23.20	21.00	26.00	21.07	24.70
(4)	3.95	2.75	4.10	4.75	5.25	5.20	5.50
(5)	21.00	20.00	19.50	19.50	21.50	17.52	20.00
(6)	3.10	3.60	3.60	3.85	4.05	4.65	4.80
(7)	21.00	20.00	19.20	19.50	21.50	17.52	20.00
(8)	3.05	3.60	3.50	3.85	3.95	4.65	4.80
(9)	26.00	25.00	21.80	23.00	25.00	20.98	22.20
(10)	4.05	4.60	4.65	5.50	5.85	5.80	6.00
(11)	24.00	22.00	20.10	21.00	22.50	18.45	21.25
(12)	3.20	3.60	3.50	4.00	3.85	4.54	4.70
(13)	27.50	22.00	20.10	21.00	22.50	18.20	22.50
(14)	3.45	3.72	4.60	4.00	4.00	4.65	4.70

**LINCOLN CO.—HIGHWAY CONSTRUCTION—(State)**

LINCOLN CO., Nevada—As previously reported, Silver State Constr. Co., Inc., Fallon, Nevada, at \$23,862.80, was awarded contract by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for the construction of 14.32 miles highway, Lincoln County, Route 7, Section C, Project FAP 85.

Work involves:

- (1) 1,022 tons liq. asph., type SC-2;
- (2) 94 tons liq. asph., type MC-2;
- (3) 14.32 miles roadmk.;
- (4) 144 each, culvert markers;
- (5) Force account, roadside cleanup

(A)	(B)	(C)	(D)	(E)	(F)	
(1)	\$15.00	\$16.40	\$16.70	\$17.50	\$18.85	\$21.00
(2)	28.00	19.20	25.00	25.00	30.00	28.00
(3)	340.00	425.00	500.00	500.00	600.00	550.00
(4)	3.00	3.50	3.00	3.00	4.00	3.00
(5)	600.00	600.00	600.00	600.00	600.00	600.00

Unit prices follow:

- (14) 197 ft. 20-in. reinf. concr. pipe centrif. cast;
- (15) 2 screens;
- (16) One reservoir sump;
- (17) 96 8-in. C.I drain pipe;
- (18) One 8-in. gate valve;
- (19) 397 ft. 8-in. plain concr. pipe;
- (20) 415 ft. reinstallation of existing fence;
- (21) 1025 ft. new fence.

ALTERNATE

- (16a) One reservoir sump;
- (17a) 1025 ft. new fence.
- (18a) One 16-in. gate valve;
- (19a) 493 ft. 16-in. reinf. concrete cast pipe.

Total bids were:

Jerome C. Boesflug—(1) at old site, \$990,406.14 for pilot valve gates; (2) at old site, \$964,406.14 for tractor type valve gates; (3) at new site, \$752,264.54 for pilot valve gates; (4) at new site, \$725,964.54 for tractor type valve gates.

S. Birch & Sons Co., Great Falls—(1) \$1,100,814.21; (2) \$1,075,949.91; (3) \$979,135.50; (4) \$773,270.50.

J. L. McLaughlin, Great Falls—(1) \$1,125,258.16; (2) \$1,105,738.16; (3) \$789,670.50; (4) \$774,170.50.

**31—PIPE LINES & WELLS**

BIDS OPENED

SAN FRANCISCO—San Francisco Water Department, 425 Mason St., at \$181,445, submitted low bid to the Public Utilities Commission, Room 257, City Hall, under Spec. No. 147, for the laying of 6-inch cast iron mains in 30th and 45th avenues in the Sunset and Parkside areas.

Work involves:

- (1) 875 lf. excav. and backfill for 6-in. pipe, trench 17 in. wide by 26 in. deep;
- (2) 20 cu. yds. additional excavation and backfill;
- (3) 70 sq. yds. additional pavement removal and replacement;
- (4) 875 lf. installing 6-in. bell and spigot cast iron pipe;
- (5) 2,000 lbs. installing fittings, gate valves, etc.;
- (6) 112 lf. bell and spigot joints for pipe and fittings;
- (7) 1,820 sq. ft. asphaltic concrete;
- (8) 9 1/2-in. screw taps;
- (9) 330 lf. 3/4-in. galvanized iron service pipe.

Total bids follow:

(A) San Francisco Water Dept., 425 Mason St., San Francisco	\$181,445
(B) Lowrie Paving Co., 1201 58th St., San Francisco	120,158
(C) E. J. Treacy, 1219 17th St., San Francisco	121,917

Unit prices follow:

(A)	(B)	(C)	
(1)	\$0.40	\$0.40	\$0.595
(2)	.50	.50	.50
(3)	.40	.30	.25
(4)	.07	.065	.06
(5)	.03	.03	.02
(6)	.50	.35	.25
(7)	.26	.30	.24
(8)	1.00	2.00	1.50
(9)	.40	.30	.30

BIDS WANTED

LOS ANGELES, Cal.—Until Sept. 1, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 2nd St., Los Angeles, for the construction of the Paloe Verdes feeder of the Colorado River Aqueduct, Spec. 225 involving precast concrete pipe or steel pipe and mortar lining in steel pipe.

## UPPER SNAKE RIVER PROJECT—DAM—(Govt.)

UPPER SNAKE RIVER PROJECT.—Bennett & Taylor, 598 San Fernando Road, Los Angeles, at \$22,311, submitted low bid to E. F. Walter, Chief Engineer, U. S. Bureau of Reclamation, Ashton, Idaho, for the construction of Cascade Creek diversion dam and earthwork and structures for Cascade Creek-Grassy Lake diversion canal, Upper Snake River Project, Idaho; Spec. No. 946-D.

Work involves:

- (1) Lump sum, diversion and care of river during construction and unsurveying construction;
- (2) 6 A. clearing and grubbing;
- (3) 12,000 c.y. excav., common, for canal;
- (4) 1,000 c.y. excav., rock, for canal;
- (5) 5,600 c.y. excav., common, for structures;

(A) Bennett & Taylor, 598 San Fernando Road, L. A.	\$22,311.00
(B) Dan Teters & Co., Riverside	29,035.00
(C) J. A. Terteling & Sons, Boise, Idaho	29,435.00
(D) S. J. Groves & Sons Co., Minneapolis, Minn.	29,435.00
(E) Cannon Brothers, Compton, Calif.	32,378.00
(F) Lohmiller Brothers, Ashton, Idaho	42,700.00
(G) Gates & Huntley, Los Angeles	59,850.00

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$300.00	\$1500.00	\$300.00	\$1000.00	\$1000.00	\$3000.00	\$3000.00
(2)	250.00	250.00	100.00	200.00	70.00	300.00	200.00
(3)	0.19	0.30	0.30	0.25	0.50	0.50	0.50
(4)	1.50	1.40	1.30	1.50	3.00	3.50	1.00
(5)	0.50	0.70	0.30	0.40	0.75	0.50	1.50
(6)	11.00	5.00	2.00	4.00	3.00	10.00	15.00
(7)	0.30	0.30	0.25	0.30	0.35	0.25	0.50
(8)	19.00	40.00	25.00	27.00	35.00	25.00	45.00
(9)	0.40	0.05	0.04	0.04	0.05	0.05	0.06
(10)	1.75	1.40	1.00	1.25	3.00	3.00	1.00
(11)	1.00	1.10	1.00	1.50	3.00	2.50	1.00
(12)	1.00	1.50	0.75	1.00	0.50	1.00	3.00
(13)	0.205	0.40	0.65	0.40	0.15	0.40	1.40
(14)	0.325	0.50	0.75	0.70	0.30	0.80	1.34
(15)	79.00	35.00	60.00	90.00	75.00	50.00	300.00
(16)	0.10	0.10	0.05	0.15	0.06	0.10	0.15
							30

## BIDS OPENED

July 19, 1937.

SACRAMENTO, Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$30,443.00, submitted low bid to Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, Sacramento, for the construction and completion of the sewage disposal plant at the Sacramento Air Depot.

The structure is to be of reinforced concrete with built-up roof.

Work involves:

- (1) Lump sum, to construct & complete ready for operation the sewage disposal plant and pumping station at Sacramento Air Depot.
- (2) Furnishing labor and materials, complete in place:
  - (a) Earth excav.
  - (b) Concrete in place (including forms).

(A) W. J. Tobin, 3701 Balfour Ave., Oakland	\$30,443.00
(B) Fred J. Early, Jr., 869 Pine St., San Francisco	31,960.00
(C) Eaton & Smith, 715 Ocean Avenue, San Francisco	34,500.00
(D) C. Dudley DeVelibus, 400 Perkins St., Oakland	35,500.00
(E) Robt B McNair, 3745 Rhoda Avenue, Oakland	36,750.00
(F) Holdener Constr Co., 2608 R St., Sacramento	38,108.00
(G) Underground Constr Co., 6 Alvarado, Berkeley	38,469.00
(H) Bennett & Taylor, 598 San Fernando Road, Los Angeles	39,928.56

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.00	\$ 1.00	\$ 2.00	\$ 1.00	\$ 1.50	\$ 1.50	\$ 2.00	\$ 1.25
(2)	22.00	25.00	20.00	26.00	20.00	17.00	40.00	18.00
(3)	6.00	6.50	6.00	6.00	6.25	5.50	7.00	4.50
(4)	6.00	15.00	6.00	6.00	10.50	10.00	10.00	6.00
(5)	1.15	1.25	8.00	1.00	1.00	1.20	1.20	.55
(6)	1.25	1.35	1.00	1.00	1.25	1.50	1.40	.67
(7)	1.30	1.50	1.20	1.10	1.50	1.90	1.65	.90
(8)	1.69	1.85	1.50	2.50	1.25	1.75	1.50	1.40
(9)	2.05	2.65	2.25	2.60	1.50	2.35	2.00	1.85
(10)	2.50	2.45	3.00	3.00	2.00	2.90	2.50	2.75
(11)	10	10	.16	0.6	0.6	.12	0.9	.12
(12)	60.00	80.00	100.00	150.00	110.00	115.00	140.00	0.00
(13)	10.00	8.00	20.00	15.00	8.00	10.00	6.50	0.00
(14)	20.00	20.00	20.00	10.00	50.00	50.00	20.00	60.00

Total bids follow:

(A) Steel reinforcing bars (in place)	
(a) Steel wire fabric:	
(e) 8-in. clay sewer pipe (in place, incl. excav. and backfill):	
(f) 10-in. clay sewer pipe (in place, incl. excav. and backfill):	
(g) 12-in. clay sewer pipe do.:	
(h) 6-in. class A cast iron pipe (in place, do.):	
(i) 8-in. class A cast iron pipe do.:	
(j) 10-in. class A cast iron pipe do.:	
(k) Cast iron fittings:	
(l) Manhole, complete depth, 5 ft.	
(m) Manhole, per ft. of depth over or under 5 ft.:	
(n) Sheeting left in place.	

(A) W. J. Tobin, 3701 Balfour Ave., Oakland	\$30,443.00
(B) Fred J. Early, Jr., 869 Pine St., San Francisco	31,960.00
(C) Eaton & Smith, 715 Ocean Avenue, San Francisco	34,500.00
(D) C. Dudley DeVelibus, 400 Perkins St., Oakland	35,500.00
(E) Robt B McNair, 3745 Rhoda Avenue, Oakland	36,750.00
(F) Holdener Constr Co., 2608 R St., Sacramento	38,108.00
(G) Underground Constr Co., 6 Alvarado, Berkeley	38,469.00
(H) Bennett & Taylor, 598 San Fernando Road, Los Angeles	39,928.56

The printed specifications for this work will not be available before July 23, but maps and profiles (scale: 1-in. equals 2000 ft.) may be obtained now, free of charge, in room 1407, at the District office, 306 W. Third St., Los Angeles. Arrangements for going over the line with a district engineer may also be made at any time. The cost of the specifications will be \$5, not returnable. The work is located in the cities of Los Angeles, South Pasadena, and Vernon, and in unincorporated territory of the county of Los Angeles and comprises approximately 17.4 miles of pipe line construction. The types, lengths and diameters of main line pipe required for the respective schedules are as follows:

Schedule: Length in miles (approx.)  
(No. 21) 5.5; (No. 22) 5.4; (No. 23) 6.5.

Type of pipe: (P) Lockjoint steel cylinder relined precast concrete pipe, (diameter) (No. 21) 54-in.; (No. 22) 50-in.; (No. 23) 50-in.; (S) welded steel pipe with gunite exterior coating and without lining (No. 21) 55-in. (No. 22) 51-in.; (No. 23) 51-in.; (SC) welded steel pipe with gunite exterior coating and centrifugally applied (spun) mortar lining (No. 21) 55-in.; (No. 22) 51-in.; (No. 23) 51-in.; (SE) welded steel pipe with gunite exterior coating and coal-tar enamel lining (No. 21) 57-in.; (No. 22) 53-in.; (No. 23) 53-in.

Proposals will also be received under Schedules 21M, 22M, and 23M for centrifugally impelled machine-trowled mortar lining of the steel pipe line under Schedules 21S, 22S and 23S, the lining to be placed subsequent to the laying of the pipe under said steel pipe schedules. Award will not be made for less than all the items in a schedule.

Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

## BIDS WANTED

SACRAMENTO, Calif.—Until August 4, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. 149, for laying 8-inch cast iron mains in Harrison and 16th Streets, from 15th Street to Bryant.

Work involves:

- (1) 1180 lf. excav. and backfill for 8-in. pipe, trench 17 in. wide by 76 in. deep;
  - (2) 15 c.y. additional excavation and backfill;
  - (3) 100 sq. ft. additional pavement removal and replacement;
  - (4) 1180 lf. installing bell and spigot cast iron pipe;
  - (5) 2250 lbs. installing fittings, gate valves, etc.;
  - (6) 200 lf. making joints for bell and spigot pipe;
  - (7) 1800 sq. ft. of asphaltic concrete pavement.
- Plans and specifications may be obtained from the office of the San Francisco Water Department, Room 615, 425 Mason Street, upon the deposit of \$5.

## BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the Constructing Quartermaster, Sacramento Air Depot, P.O. Box 1646, Sacramento, for the construction and completion of Deep Well Turbine Pump Installations, Pump Houses, Piping and Accessories at Sacramento Air Depot.

Work involves:

- (1) Lump sum—two deep well turbine pumps, incl. electric control equipment, gauges, foundations, discharge elbows, spigot pipe, pump house floors, etc.;
- (2) Construct two concrete pump

houses, incl. meter pits, water meters, piping, fittings, sidewalks, steel tower;

- (3) Furnishing labor and material, complete in place:
  - (a) Earth excav.;
  - (b) Rock excav.;
  - (c) Concrete in place;
  - (d) Reinforcing steel bars;
  - (e) Steel wire fabric;
  - (f) 10-in. class "B" cast iron;
  - (g) Cast iron fittings;
  - (h) Sheet piling left in place.

The following bid on Item 1 only:

- (A) Pomona Pump Co., 406 S. Main St., Los Angeles—\$3,868.
- (B) Byron Jackson Co., 217 West Carlton St., Berkeley—\$3,987.
- (C) Layne & Bowler Corp., 468 W. Santa Clara Ave., San Jose—\$3,987.
- (D) Western Pump Co., Ltd., P.O. Box 47, San Jose—\$3,988.10.
- (E) John Bean Mfg. Co., 217 West Julian, San Jose—\$3,988.16.
- (F) Fairbanks Morse Co., Inc., Spear and Harrison Sts., San Francisco—\$3,993.

Holdener Construction Co., 2608 R Street, Sacramento, submitted a bid of \$4,325 on Item 1, and \$4,690 on Item 2; unit prices follow: (a) \$1.50, (b) \$10.00, (c) \$25.00, (d) \$6.00, (e) \$10.00, (f) \$3.00, (g) \$12.00 per 100 lbs., (h) \$50.00.

Underground Construction Co., 6 Alvarado, Berkeley, submitted a bid of \$6,400 on Item 2 only; unit prices follow: (a) \$200, (b) \$600, (c) \$400.00, (d) \$7.00, (e) \$8.00, (f) \$4.00, (g) \$0.10, (h) \$20.00.

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### BIDS WANTED

LOS ANGELES—Until Aug. 4, 10 a.m., bids will be received at Los Angeles Board of Public Works, for construction of sanitary sewers in the Terminal Way and So. Seaside Ave. Sewer District, Terminal Island, FWA Project No. 5633, Unit 6. The work involves 4063.39' of 15-in. vitrified clay pipe sewer, including structures, 4-in. of rock mattress, concrete reinforcement, resurfacing and all appurtenances.

#### TO MAKE SURVEY RIVERSIDE

DAVIDSON & FULMOR, 3648 7th St., Riverside, consulting engineers, have been retained by the Riverside city council to make a survey of sanitary sewer and disposal plant requirements in connection with the proposed new city-wide sewer system. The cost has been estimated at various figures, from \$500,000 to \$800,000.

#### BIDS OPENED

HEALDSBURG, Sonoma Co., Cal.—Following submitted bids to D. A. Banc, City of Healdsburg, for the construction of a sewerage pumping and disposal plant and appurtenant work.

Work involves:

Proposition 1: Grading, sewage pump and disposal plant;

Proposition 2: Sewage pumping and disposal plant;

Proposition 3: Roadway finishing, grading, drying.

Total bids follow:

(A) Bennett & Taylor, Los Angeles—(1) \$49,580; (2) \$44,465; (3) \$47,580.

(B) Fred J. Early, Jr., San Francisco—\$49,989; (2) \$41,489; (3) \$48,989.

(C) W. J. Tobin, Oakland—\$50,837; (2) \$50,056; (3) \$59,217.

(D) Adam Arras, San Francisco—\$59,989; (2) \$47,674; (3) \$51,336.

(E) C. Dudley DeVellbs Co., Oakland—\$59,845.15; (2) \$49,104.50; (3) \$57,210.50.

### HUMBOLDT COUNTY—SURFACING—(State)

HUMBOLDT COUNTY, Cal.—Hemstreet & Bell, 501 11th St., Marysville, at \$59,920, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing medium curing type, shoulder to be constructed of untreated crushed gravel or stone, and Class B seal coat to be applied to the full width of the roadbed, about 5.2 miles between Beatrice overhead and Eureka.

The work involves:

- (1) 510 M. gals. water;
- (2) 10,150 tons of untreated crushed gravel or stone surfacing;
- (3) 100 tons liquid asph., SC-2 (prime coat);
- (4) 12,700 tons mineral agg. (plant-mix surf.);
- (5) 575 tons liquid asphalt ROMC-4

- (6) ROMC-5 (plant-mix surf.);
- (6) 95 tons liquid asphalt, 90-95 seal coat;
- (7) 1,100 tons screenings (seal coat);
- (8) 60,750 sq. yds. of asphaltic paint binder.

Total bids follow:

- (A) Hemstreet & Bell, 501 11th St., Marysville, \$59,920.00.
- (B) Independent Const. Co., Ltd., Oakland, \$61,609.50.
- (C) N. M. Ball & Sons, Albany, \$65,067.00.
- (D) Piazza & Huntley, San Jose, \$66,385.00.
- (E) A. Teichert & Son, Inc., Sacramento, \$66,524.25.
- (F) Pacific States Const. Co., San Francisco, \$79,867.50.
- (G) Harahan Co., San Francisco, \$111,995.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$1.50	\$1.25	\$ .75	\$1.75	\$2.00	\$1.50	\$2.00
(2).....	1.15	1.55	1.40	1.50	1.60	1.45	2.80
(3).....	20.00	15.00	19.00	17.50	28.00	20.00	28.00
(4).....	2.00	2.10	2.40	2.35	2.08	3.30	4.00
(5).....	24.00	20.00	20.50	23.00	25.00	23.00	32.00
(6).....	25.00	17.50	20.00	22.00	25.50	23.00	35.00
(7).....	3.00	3.00	4.00	2.50	2.40	3.50	4.00
(8).....	.01	.01	.01	.01	.015	.02	.03

### STOREY COUNTY—HIGHWAY CONSTR.—(State)

STOREY CO., Nevada.—As previously reported, Isbell Construction Co., Reno, Nevada, at \$139,916.31, was awarded contract by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for the construction of approximately 4.96 miles of highway in Storey County, Route 17, Section A; Project FA 95-A.

Work involves:

- (1) 15 A. clearing;
- (2) 164 lf. remove culvert pipe;
- (3) 13 each, remove culvert head-walls;
- (4) 245,000 c.y. roadway excav.;
- (5) 140,868 yd. sta. overhaul;
- (6) 401 yd. ml. overhaul;
- (7) 1,140 c.y. backfill.

- (8) 31,800 c.y. imported borrow;
- (9) 940 c.y. struc. excav.;
- (10) 600 c.y. drainage excav.;
- (11) 1,067 M. gal. water;
- (12) 118 tons liquid asphalt, SC-2;
- (13) 148 c.y. Class A concrete;
- (14) 30 c.y. Class B concrete;
- (15) 11,630 lbs. reinforcing steel;
- (16) 1,612 lf. 18-in. CMP (dipped);
- (17) 666 lf. 24-in. do.;
- (18) 35 lf. re-lay culvert pipe;
- (19) 5 each, move pipe culvert head-walls;
- (20) 158 each, monuments;
- (21) 10,000 lbs. castings;
- (22) 5 sta. V. Type ditches;
- (23) 96 sta. slope rounding.

Total bids follow:

- (A) Isbell Construction Co., Reno, Nevada ..... \$139,916.31
- (B) George Pollock Co., Sacramento, Calif. .... 153,518.98
- (C) Nevada Rock & Sand Co., Inc., Reno, Nevada ..... 169,641.34
- (D) A. S. Vinnell Company, Los Angeles, Calif. .... 184,538.59
- (E) A. Teichert & Son, Sacramento, Calif. .... 197,915.47
- (F) Geo. K. Thompson & Co., Los Angeles, Calif. .... 201,905.51
- (G) Utah Construction Company, Ogden, Utah ..... 205,818.01
- (H) Fredericksen & Westbrook, Lower Lake, California ..... 219,740.88

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$100.00	\$100.00	\$100.00	\$100.00	\$ 60.00	\$100.00	\$ 46.00	\$ 96.00
(2).....	1.00	1.00	.75	.35	.75	.50	.50	1.20
(3).....	5.00	5.00	10.00	7.00	10.00	10.00	5.00	9.60
(4).....	.42	.46	.49	.555	.64	.645	.65	.70
(5).....	.02	.01	.05	.005	.015	.01	.02	.01
(6).....	15	50	50	25	25	528	20	29
(7).....	.50	.75	.90	1.60	.75	1.00	1.60	1.20
(8).....	40	.50	.60	.65	.51	.56	.58	.68
(9).....	1.00	1.00	2.00	1.20	1.50	2.00	2.00	2.00
(10).....	1.00	.75	1.00	.90	1.00	2.00	.70	1.20
(11).....	1.75	.00	3.00	3.00	2.00	2.00	2.25	2.40
(12).....	20.00	20.00	29.00	23.00	20.00	18.00	21.00	19.00
(13).....	27.00	30.00	25.00	35.00	30.00	30.00	33.00	28.00
(14).....	27.00	35.00	40.00	45.00	30.00	30.00	34.00	40.00
(15).....	.085	.06	.06	.08	.07	.07	.07	.07
(16).....	2.00	2.00	2.50	2.50	2.00	2.00	2.25	2.20
(17).....	3.10	3.00	3.50	3.50	3.00	2.50	3.10	3.25
(18).....	50	1.00	1.00	40	1.00	1.00	.50	1.20
(19).....	10.00	10.00	10.00	7.00	15.00	15.00	10.00	18.00
(20).....	3.50	3.00	3.00	3.00	3.50	3.00	3.50	3.50
(21).....	.10	.15	.10	.09	.12	.15	.18	.10
(22).....	5.00	10.00	8.00	4.00	10.00	20.00	6.00	6.00
(23).....	10.00	15.00	15.00	17.00	10.00	12.00	14.00	12.00

### HUMBOLDT COUNTY—Highway Construction—(State)

HUMBOLDT COUNTY, Nev.—Healey-Moore Co., 344 High St., Oakland, at \$163,029.31 was awarded contract by the Department of Highways, R. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for construction of approx-

imately 7.118 miles of highway from a point five miles west of Winnemucca to and through the city of Winnemucca, Route 1, Sections A1, A3, and A4, in Humboldt County.

The work involves:

**BIDS WANTED**

EL CERRITO, Contra Costa Co., Cal.—Until August 10, 4 P. M. bids will be received by the Richmond Union High School District, W. T. Helms, Secretary, 225 10th Street, Richmond, for the installation and completion of the Surface Drainage System of the El Cerrito Secondary School site, SE corner of Eureka Ave. and Center street, El Cerrito.

Plans and specifications may be faced with plant-mixed surfacing, obtained at the above office and at the office of the architects, Dragon & Schmidts, 2026 Allston Way, Berkeley, upon the deposit of \$15.00.

**BIDS WANTED**

SAN FRANCISCO, Calif.—Until August 18, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, under Spec. No. 19033, for the construction of Richmond-Sunset Sewage Treatment Plant. Estimated cost, \$482,000.

Bids will be received under three propositions, as follows:

PROPOSITION A: Structural only;  
PROPOSITION B: Mechanical only;  
PROPOSITION C: Structural - Mechanical.

Work involves:

**PROPOSITION A:**

- (1) Clearing and grading;
- (2) Comfort stations;
- (3) Pre-treatment building;
- (4) Mixing and sedimentation building, including sludge control house;
- (5) Main building;
- (6) Pavements;
- (7) Channels.

**PROPOSITION B:**

- (1) Bar racks;
- (2) Measuring equip. for Venturi flumes;
- (3) Stop planks and gates;
- (4) Grease, grit and sand removal equipment;
- (5) Chlorinators, Chlorine piping and auxiliary equipment;
- (6) Sedimentation and mixing tank equipment;
- (7) Sludge control hose equipment and piping;
- (8) Not included;
- (9) Not included;
- (10) Flutriation equipment and piping;
- (11) Vacuum filter equipment and appurtenances;
- (12) Sludge conveying and handling equipment;
- (13) Miscel. outdoor equipment;
- (14) Sewage and sand pumps, piping and auxiliary equipment;
- (15) Fans and ventilating equipment;
- (16) Miscel. outdoor piping;
- (17) Not included;
- (18) Tools and miscel. eqpt.;
- (19) Electrical equipment;
- (20) Painting.

Plans and specifications may be obtained from the City Engineer, John J. Casey, Room 351, City Hall, San Francisco, upon the deposit of \$100.

**33— WATER WORKS****CONTRACTS AWARDED**

LOS ANGELES, Calif.—Contracts for furnishing deep well type turbine pumps and horizontal centrifugal pumps, with electric driving motors, for use at Artesian Pumping Plants, Spec. 222, awarded by the Metropolitan Water District, were:

Peerless Pump Co. Sch. 1 at \$30,272.35  
Brown-Jackson Co. Sch. 2 at \$6,074.13  
Buffalo Pump Co., Inc. Sch. 3 at \$2958.50  
Victor Equipment Co. (Kimball-Krogg Pump Div.—Sch. 4, \$881.92

- (41) 15 A. clearing;
- (21) 1 each, remove building;
- (43) 4,132 lf. remove fence;
- (44) 673 lf. remove culvert pipe;
- (51) 16 each, remove culvert head-walls or inlets;
- (61) 20 each, remove trees;
- (7) 19 c.y. remove concrete;
- (8) 55,522 c.y. roadway excav.;
- (9) 10,680 c.y. borrow;
- (10) 440 c.y. drainage excav.;
- (11) 140,093 sta. yds. overhaul;
- (12) 40,864 yd. mi. overhaul;
- (13) 5 sta. V type ditches;
- (14) 635 c.y. str. excav.;
- (15) 405 c.y. backfill;
- (16) 68,755 sq. yd. remove and stock-pile roadmix bituminous surf.;
- (17) 4,870 c.y. salvaged aggregate;
- (18) 5.53 ml. subgrade, type B;
- (19) 52,919 sq. yd. subgrade, type B;
- (20) 44,734 tons gravel base, type 1;
- (21) 500 tons gravel base, type 2, 1 1/2 inch;
- (22) 1,606 tons gravel surface;
- (23) 24,061 tons plantmix gravel base;
- (24) 13,790 tons plantmix bituminous surface;
- (25) 2,188 M. gal. water;
- (26) 354 tons liq. asph. type SC-2;
- (27) 607 tons liq. asph. type 90-95;
- (28) 114 tons emulsified asphalt penetration;
- (29) 808 tons screenings;
- (30) 584 c.y. class A concrete;
- (31) 31 c.y. class B concrete;
- (32) 8,050 lbs. reinf. steel;
- (33) 74 lf. 18-in. CMP (dipped);
- (34) 1,100 lf. 18-in. CMP (dipped);
- (35) 432 lf. 18-in. part circle culvert;
- (36) 80 lf. reinf. culvert pipe;
- (37) 3,869 lf. reconstruct fence;
- (38) 6,556 lbs. castings;
- (39) 86 each, monuments;
- (40) 34 each, culvert markers;
- (41) 24 each, guide posts;
- (42) 8 each, adjust manholes;
- (43) 65 hrs., motor grader;
- (44) 55 hrs., 75-hp. crawler type tractor;
- (45) 55 hrs., 10-ft. blade grader;
- (46) 20 hrs., 75-hp. crawler type tractor with carryall;
- (47) 40 hrs., 1 1/2-ton truck;
- (48) 55 hrs., pilot car;
- (49) Force Act., special detours;
- (50) 100 c.y. rock cleanup;
- (51) Force Act., roadside cleanup;
- (52) 246 sta., slope rounding;
- (53) 98 each, outlets;
- (54) 5,590 lf. 2-in. water pipe;
- (55) lump sum, move gasoline pumps (three);
- (56) 1 each, move building.

**Total bids follow:**

- (A) Healey-Moore Co., 344 High St., Oakland ..... \$163,029.31  
(B) A. Teichert & Son, Sacramento, \$165,639.35  
(C) Frederickson & Westbrook, Lower Lake, Calif., \$173,253.59  
(D) Union Faving Co., San Francisco \$174,730.62  
(E) Gibbons & Reed Co., Salt Lake City, \$175,437.62  
(F) J. A. Mason, Hayward, Calif., \$178,777.95  
(G) Ishell Const. Co., Reno, Nevada, \$178,747.37  
(H) Nevada Rock & Sand Co., Inc., Reno, \$184,870.62  
(I) J. Nelson, Logan, Utah, \$187,117.97  
(J) Utah Const. Co., Ogden, Utah, \$188,303.68

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 15.00	25.00	40.00	50.00	\$ 25.00	100.00	\$ 20.00	\$ 30.00	50.00	\$ 15.00
(2)	475.00	60.00	60.00	100.00	85.00	50.00	100.00	100.00	75.00	200.00
(3)	.04	.025	.025	.02	.02	.03	.03	.05	.05	.04
(4)	60	60	60	75	50	50	75	75	100	100
(5)	5.40	5.00	7.50	10.00	5.50	5.00	10.00	4.00	5.00	10.00
(6)	7.00	5.00	25.00	10.00	2.00	10.00	5.00	10.00	7.00	5.00
(7)	6.00	6.00	12.50	10.00	6.00	6.00	10.00	5.00	4.00	7.00
(8)	.27	.32	.20	.35	.26	.25	.35	.30	.32	.295
(9)	30	25	30	35	20	20	30	22	22	22
(10)	.85	60	1.00	1.00	.80	.50	1.00	.50	.50	.40
(11)	.01	.01	.005	.01	.02	.01	.01	.02	.02	.02
(12)	.20	.20	.15	.12	.20	.40	.15	.12	.20	.22
(13)	11.00	10.00	5.00	3.00	1.50	5.00	10.00	5.00	15.00	5.00
(14)	1.15	1.00	1.25	1.25	1.00	1.00	1.25	1.25	1.50	2.00
(15)	.90	.70	1.25	5.00	.80	.50	.80	.50	.50	1.50
(16)	.025	.03	.025	.03	.04	.08	.04	.03	.015	.05
(17)	.47	.70	.36	.40	.50	.50	.40	.40	.40	.40
(18)	165.00	325.00	250.00	175.00	400.00	200.00	200.00	200.00	200.00	250.00
(19)	.025	.09	.11	.03	.04	.05	.03	.02	.02	.15
(20)	54	55	65	80	55	62	56	55	73	70
(21)	54	85	60	1.00	55	65	1.00	.90	73	1.00
(22)	.65	1.00	.60	.90	.55	65	1.00	.90	.50	.65
(23)	1.19	1.08	1.20	1.10	1.30	1.30	1.30	1.50	1.30	1.20
(24)	1.50	1.27	1.80	1.40	2.10	1.70	1.85	2.00	1.00	1.70
(25)	1.25	1.75	1.25	1.50	2.75	2.60	1.825	1.50	2.00	1.50
(26)	20.50	18.70	19.00	20.00	18.00	18.00	18.00	18.50	17.00	19.00
(27)	23.00	22.50	21.00	22.00	15.00	22.00	21.00	20.00	22.00	20.00
(28)	27.00	27.00	27.00	30.00	27.00	27.00	25.00	25.00	35.00	24.00
(29)	2.50	2.30	2.50	1.25	3.00	3.50	3.50	3.00	3.00	4.00
(30)	22.00	18.50	24.00	21.50	23.00	20.00	28.00	30.00	24.00	26.50
(31)	21.50	25.00	30.00	30.00	23.00	20.00	28.00	30.00	24.00	32.00
(32)	.10	.07	.07	.07	.08	.05	.065	.08	.07	.07
(33)	1.85	2.00	2.00	2.00	1.95	2.00	2.25	2.00	2.00	2.00
(34)	2.00	2.30	2.50	2.25	2.30	3.00	2.50	2.25	2.20	2.25
(35)	1.70	2.40	2.00	2.50	2.25	2.00	2.50	1.75	2.60	3.50
(36)	.60	.60	1.00	.25	.50	1.00	.50	.75	1.00	1.00
(37)	.08	.06	.10	.10	.11	.07	.085	.15	.15	.08
(38)	.12	.15	.15	.10	.10	.20	.10	.15	.15	.15
(39)	3.00	3.00	2.50	2.50	4.00	3.00	3.50	3.00	6.00	4.00
(40)	2.10	3.00	2.50	3.00	3.25	2.00	4.00	4.00	2.00	4.00
(41)	2.10	4.50	3.00	3.00	3.00	2.00	4.00	4.00	2.00	4.00
(42)	9.00	10.00	25.00	10.00	5.50	10.00	25.00	15.00	25.00	25.00
(43)	4.80	4.50	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.25
(44)	5.50	5.00	7.00	4.50	5.00	5.00	6.00	6.00	5.00	6.00
(45)	1.80	1.50	1.50	1.75	1.00	2.00	2.00	2.00	2.00	1.50
(46)	7.00	6.50	9.00	7.00	7.00	7.00	7.50	7.50	8.00	8.00
(47)	2.50	2.25	2.00	2.50	2.50	3.00	2.50	2.50	2.00	2.50
(48)	2.35	1.75	2.00	2.50	2.25	2.00	1.50	1.50	2.00	1.00
(49)	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
(50)	1.80	1.60	3.00	2.00	.30	1.00	1.00	2.00	2.00	1.50
(51)	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(52)	5.50	12.50	16.00	6.00	3.00	5.00	1.00	5.00	8.00	10.00
(53)	4.25	4.00	2.50	1.50	2.00	10.00	1.50	5.00	2.00	6.00
(54)	.60	.60	.50	.40	.35	.40	.60	.65	1.00	.40
(55)	350.00	200.00	25.00	180.00	350.00	150.00	150.00	225.00	150.00	300.00
(56)	100.00	100.00	100.00	100.00	50.00	100.00	100.00	75.00	150.00	200.00

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## BUREAU OF PRISONS

ALCATRAZ ISLAND, Cal.—Until August 3, 2 P. M., bids will be received by the Warden, State Penitentiary, Alcatraz, under Invitation No. PI-236, for furnishing and installing motor equipment and safety covers for laundry extractors. Specifications obtainable from the above office.

## WAR DEPARTMENT

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing supplies and materials as follows:

JULY 28, 3 P. M.:

BID NO. 1105-38-12: 30 brass elbows, various sizes; 24 ft. seamless steel tubing; bar steel; spring steel wire, etc.; fob Rio Vista.  
BID NO. 1105-38-11: 3 sets Morse high speed steel hand taps; carbon steel twist drills; metal saws; fob Rio Vista.  
Specifications obtainable from the above office.

## RECLAMATION BUREAU

ALL-AMERICAN CANAL.—Until July 27, 2 P. M., bids will be received by the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Custom House, Denver, under Spec. No. A-42, 314-A, for steel reinforcement bars; fob Calexico, Calif.  
Specifications obtainable from the above office.

## CANAL ZONE

PANAMA CANAL.—Until July 27, 10:30 A. M., bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3273, for furnishing steel bars and sheets; wire; stay-bolt iron; box strapping; marble; resistors; dry cells; cleats; asbestos board; solder; rubber gloves; snatch blocks; railing fittings; lanterns; relief valves, etc.; fob various points.  
Specifications obtainable from the above office.

## CALIFORNIA STATE

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, 318 State Capitol, Sacramento, Calif., for furnishing equipment, as follows:

August 4, 10 A. M.

REQ. NO. 10343-1½—One rigid-blade speed snow plow with hand hydraulic lift; fob Sacramento.  
REQ. NO. 24968—Two reversible rigid-blade snow plows; fob Redding.  
REQ. NO. 15042—Two reversible rigid-blade snow plows; fob Sacramento.  
REQ. NO. 10343—One one-way speed snow plow; fob Sacramento.  
REQ. NO. 25011—Seven rigid-blade snow plows; fob Redding.  
REQ. NO. 25042—Three rigid-blade speed snow plows; fob Redding.  
REQ. NO. 15998—Two reversible rigid-blade snow plows; fob Eureka.  
REQ. NO. 24970—One V-type snow plow with wing; fob Redding.  
REQ. NO. 1110—One V-type snow plow with wing; fob San Ber-

nardino.  
REQ. NO. 3795—One reversible trip blade snow plow; fob Fresno.  
REQ. NO. 3796—Three reversible trip blade snow plows; fob Fresno.  
REQ. NO. 15045—One reversible rigid-blade snow plow; fob Sacramento.  
REQ. NO. 15046—One reversible rigid-blade snow plow; fob Sacramento.  
REQ. NO. 9263—One reversible rigid-blade snow plow; fob North Hollywood.  
REQ. NO. 9273—One reversible rigid-blade snow plow; fob North Hollywood.  
REQ. NO. 2283—Four reversible rigid-blade snow plows; fob Bishop.  
REQ. NO. 2283—Two reversible rigid-blade snow plows; fob Bishop.  
Specifications obtainable from the above office.

SACRAMENTO.—Until July 29, 3 p.m., bids will be received by the State Division of Highways, R. H. Stalnaker, Equipment Engineer, 1805 34th St., Sacramento, for sale of the following equipment:

CHC 4298—Truck, FWD Model HH-6, 21-ton, pneumatic tired truck chassis—1932.  
CHC 547—Tractor, Case Model CI, with pneumatic tires.  
CHC 53—Plow, snow, 12-ft. Root Riverside, with hydraulic lift.  
CHC 90—Plow, snow, straight blade, Baker Speed type with mechanical lift.  
CHC 124—Plow, snow, straight blade, Baker Speed type Model 17-A with hydraulic lift.  
CHC 125—Plow, snow, straight blade, Baker speed type, Model 17-A with hydraulic lift.  
CHC 242—Plow, snow, straight blade, speed type American Model G, with hydraulic lift.  
The above equipment may be inspected at 1805 34th St., Sacramento, California, on any working day between the hours of 8:00 a.m. and 4:00 p.m.

## TREASURY DEPARTMENT

SAN FRANCISCO, Calif.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

July 27, 10 A. M.

BID NO. 4297—700 sacks Portland cement; fob Modesto.  
BID NO. 4292—1344 lf concrete pipe; fob Burlingame, Calif.  
July 28, 10 A. M.  
BID NO. 4299—3100 lf piling; fob Berkeley.  
BID NO. 4300—Wrought iron; fob Aquatic Park, San Francisco.  
BID NO. 4295—550 lf concrete pipe; fob Fresno.  
July 29, 10 A. M.

BID NO. 4293—Crushed rock and gravel and sand; fob WPA jobsite within S. F. city limits.  
Specifications obtainable from the above office.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie,

Supply Officer, Government Island, for furnishing supplies and materials, as follows:

July 30, 2 P. M.

BID NO. 5039—500 water bags, 5-gallon, man-pack; fob Government Island.  
BID NO. 5031—750 packsacks; fob Government Island.  
Specifications obtainable from the above office.

## WAR DEPARTMENT

FORT MASON, Calif.—Until August 3, 10 a.m., bids will be received by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-15, for furnishing 700 yards cotton duck; fob Fort Mason.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until Aug. 9, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, Calif., under Bid No. 928-38-16, for one steam turbine; fob Fort Mason.

Specifications from the above office.

## WAR DEPARTMENT

FORT MASON, Cal.—Until July 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, Ft. Mason, San Francisco, under 928-38-12, for glass, treads, 1600 machine screws, lag screws, 600 lbs. nails, tin-lead solder, machinery steel, medium steel, structural steel, chromium nickel alloy steel, wrought iron pipe, hardwood lumber and Douglas fir lumber.

Plans and specifications may be obtained from above office.

SACRAMENTO, Cal.—Until July 27 3 P. M., bids will be opened by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Prop. No. 1105-38-20, for furnishing one cutter engine intermediate shaft; one bonnet for suction gate-valve; one set flexible couplings; and 2 boxes for intermediate shaft; fob Rio Vista.

Specifications obtainable from the above office.

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## IN THIS ISSUE



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Bids Called**

♦ ♦ ♦ ♦

**Four State Road Bids Total \$120,000**

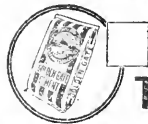
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# PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

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Vol. XX SAN FRANCISCO, CALIF., JULY 31, 1937 No. 28

## BIDS AUGUST 18 FOR \$1,000,000 STATE PROJECT

### Will Link Span With Terminal; Mono Surfacing Out for Proposals

SACRAMENTO, July 27.—Bids for construction of the \$1,000,000 San Francisco viaduct of the San Francisco - Oakland Bay Bridge railway facilities will be opened August 18, State Director of Public Works Earl Lee Kelly announced today.

Proposals will be opened at the bridge offices, 500 Sansome street, San Francisco.

To carry electric interurban trains from the bridge to the San Francisco terminal at First and Mission streets, the viaduct is the last major construction contract in the bridge railway program.

#### Major Items

Among major bidding items will be: 45,000 feet of timber piling; 5500 feet of concrete piling; 4500 cubic yards of concrete in foundations; 12,500 cubic yards of concrete above foundations; 1400 cu. yds. concrete deck on steel spans; 3,300,000 pounds reinforcing steel; 100,000 pounds miscellaneous steel work; and lump sum items covering demolition of buildings, drainage, street work and waterproofing the deck.

SACRAMENTO, July 27.—One state highway contract was authorized here today by the State Highway Commission.

Located in Mono county between Mammoth Lakes and Route 23 near Casa Diablo Hot Springs, the job involves placing surfacing material and applying road-mix surface treatment over a length of about nine miles.

Bids will be opened in Sacramento August 18, at the same time proposals are being taken in San Francisco for construction of the Bay Bridge railway viaduct.

Approximately \$848,355,000 was expended on State administered roads in the United States during 1935, according to statistics compiled by the U. S. Bureau of Public Roads.

## \$120,000 Low Bids Submitted on Four State Span, Highway Improvement Jobs

SACRAMENTO, July 28.—Low bids aggregating approximately \$120,000 were submitted to the State Highway Commission here today on four contracts for bridge construction and highway improvements. Charles L. Harney, San Francisco, at \$38,579 was the lowest of eleven bidders for grading and applying penetration oil treatment to

1.1 miles in Mendocino county, between Point Arena and southerly county line.

Total bids on the Mendocino project were as follows:

Chas. L. Harney, S. F.	\$38,579.00
N. M. Ball Sons, Berkeley	38,951.00
Geo. Pollock Co., Sacto.	41,677.50
Piombo Bros. & Co., S. F.	42,418.40
Young & Son Co., Ltd., Berkeley	42,850.00
Guerin Bros., S. F.	47,986.00
Poulos & McEwen, Smith River	48,216.00
Harold Smith, St. Helena	48,999.00
J. D. Galbraith & Don A. Canaveri, Santa Rosa	49,494.50
A. Soda & Son, Oakland	51,956.50
Claude C. Wood, Stockton	55,224.50

#### Siskiyou Bridge

For constructing a reinforced slab bridge across the Scott River about one mile southwest of Fort Jones, Siskiyou county, the lowest bidder was A. Soda & Son, Oakland, with a proposal of \$30,562.

The bridge will consist of four 30-foot 6-inch spans and two 23-foot spans on concrete pile bents.

#### Total bids were:

A. Soda & Son, Oakland	\$30,562.00
Charles Kuppinger, Lakeport	33,698.50
J. P. Brennan, Redding	35,980.81
W. K. Van Bokkelen, Oakland	37,877.50

#### Seal Coat

Hayward Building Materials Co. Hayward, at \$23,600 submitted low bid for applying seal coat to about 18 miles in Lassen and Sierra counties between Doule and the Nevada state line.

#### Total bids were as follows:

Hayward Bldg. Mtls. Co., Hayward	\$23,600.00
Fredericksen and Westbrook, Lower Lake	24,795.50
Lee J. Immell, Berkeley	25,938.00
J. P. Brennan, Redding	26,213.05
Harms Bros., Litchfield	26,952.50
A. Teichert & Son, Sacramento	27,065.00
A. Soda & Son, Oakland	27,669.70
Geo. French Jr., Stockton	28,810.00

## Exposition to Ask Pressure Main Bids

Bids for construction of the first unit of a high pressure water system on Exposition Island will be called within the next few days by the San Francisco Bay Exposition Company, it was announced yesterday.

The project will consist of about six miles of welded steel pipe, varying in diameter from four- to 16-inches.

Eaton and Smith, at \$79,657.92, submitted the low bid to the Exposition Company for construction of the first unit of a storm sewer system on Yerba Buena Shoals, the company announced. The other bidders were not revealed.

J. A. Casson, Hayward... 34,075.00

#### Poso Creek Span

For constructing a reinforced concrete slab bridge across Poso Creek in Kern county, Valley Construction Co., San Jose, submitted a low bid of \$20,994.

The Kern bridge, which will be located about 12 miles north of Bakersfield, will consist of two 32-foot 6-inch spans and two 24-foot 6-inch spans on concrete pile bents.

#### Total bids were:

Valley Const. Co., San Jose	\$20,994.00
John Jerovich, Fresno	21,087.00
N. M. Ball Sons, Berkeley	22,306.60
Rexroth & Rexroth, Bakersfield	23,695.00

Shipments of electric industrial trucks and tractors totaled 912 units during the first six months of 1937, as compared to 539 units shipped during the same period in 1936, according to the monthly report of the Bureau of Census.

## \$252,000 WORK AT AIR DEPOT LET BY ARMY

MacDonald & Kahn, W. J.  
Tobin Win Sacramento  
Contracts

WASHINGTON, D. C., July 26. Award of two contracts aggregating \$252,330 for construction of buildings and appurtenances at the Sacramento Army Air Depot was announced today by the War Department.

To MacDonald & Kahn Co., Ltd., Financial Center Bldg., San Francisco, at \$221,917, went the contract for constructing an equipment repair building and operating office and engineering office buildings.

W. J. Tobin, 3701 Balfour avenue Oakland, was awarded the second contract at \$30,413. The work involves construction and completion of the sewage disposal plant and pumping station at the air depot.

### Eight Bidders

Bids on the job were opened July 18. Eight firms submitted proposals ranging from the low figure to \$39,928.56. The second lowest bidder was Fred J. Early, Jr., at \$31,960, followed by Eaton & Smith at \$24,500.

MacDonald & Kahn Co., Ltd., bid \$146,641 on the equipment repair building and \$77,777 on the operating office and engineering office buildings when bids were opened early this month.

On the same items Eaton and Smith, second lowest bidders, bid \$150,000 and \$32,500. The Azavedo Construction Company bid \$150,500 and \$87,936; and K. E. Parker bid \$151,800 and \$81,986.

The equipment repair building will be a two-story reinforced concrete structure. It will measure about 200 feet by 60 feet.

The remaining buildings will be two-story reinforced concrete annexes to the engineering shop. They will be about 40 by 87 feet in size.

## Alameda Firm Wins Hollister Hospital

HOLLISTER, July 23.—The San Benito county board of supervisors this morning awarded the contract for the construction of the new county hospital and almshouse to F. C. Stolte Co., 1405 San Antonio avenue, Alameda.

Amount of the contract price, according to County Clerk Elmer Dowdy, was \$72,392.

The Stolte Company submitted low bid for the work to the supervisors last week.

The building will be one-story in height, of reinforced concrete construction, and will be built around a central patio. Plans for the project were prepared by Architect Robert Stanton of Del Monte.

## SLIGHT DECLINE IN PRICE LEVEL

Average wholesale prices for building materials declined one-tenth of one per cent during the week ended July 17, according to the weekly price summary prepared by the U. S. Bureau of Labor Statistics. The drop, the bureau reported, was due to lower lumber prices.

Brick and tile prices were higher, as were those for paint materials. No changes were reported for structural steel and cement. The index for the week stood at 96.8 per cent of the 1926 level, according to the bureau.

## Security Board Summary Issued

The Social Security Board released yesterday a summary of progress as of July 1, 1937. This 4-page leaflet gives a concise picture of the status of the five programs administered by the Board under the Social Security Act and shows the progress made during the quarter ending June 30, 1937.

The summary indicates that account numbers had been assigned by the end of June. One hundred and seventy-one field offices, which now have the responsibility for assigning account numbers, had been opened by that date.

All the States, the Territories of Alaska and Hawaii, and the District of Columbia had enacted laws for unemployment compensation by June 30, and since that date, the Board has approved the two which were still unapproved at the close of the month.

Five plans for old-age assistance, four for aid to the blind, and six for aid to dependent children were approved by the Board during June. One plan for aid to dependent children had been approved previously during the quarter, and, since July 1, the Nevada plan for old-age assistance has been approved. Estimates of the Board, based on reports received during the past months, indicate that 1,867,100 needy individuals will receive cash payments during July in 47 States with one or more approved public assistance plans. Approximately 4,000,000 applications for social security accounts were received during the quarter, and that 29,954,821 social security accounts total does not include estimates for the recently approved Nevada plan and a plan for aid to the blind for which Federal funds have not been requested.

Shipments of hand fire extinguishers for the first five months of 1937 amounted to 214,324 units, a substantial gain over the total of 149,231 extinguishers shipped during the same period in 1936, the Bureau of Census reports.

## BUREAU OPENS BIDS ON TWO SHASTA JOBS

Sacramento, Portland Contractors Low on Grading, Bridge

Opened yesterday by District Engineer C. H. Sweetser of the Bureau of Public Roads were bids on two contracts for work in Shasta county aggregating \$303,777.90.

C. J. Montag, Portland, submitted the low bid of \$191,222 for construction of the Lake Britton Bridge on Section J of Route 77 on the Mt. Shasta-Mt. Lassen National Forest Highway.

Low bid for grading on the same section of the Mt. Shasta-Mt. Lassen National Forest Highway was submitted by A. Teichert and Son, Inc., of Sacramento, at \$112,555.90.

A. Teichert and Son, Inc. were the second lowest bidders on the bridge contract. Their figure was \$199,954.50. The third lowest bidder was the Wicks Engineering & Construction Co. of Des Moines, at \$203,660. Six firms submitted bids.

### Structural Steel

The construction of the Lake Britton Bridge involves 170,000 lbs. of reinforcing steel; 942,000 lbs. of structural steel; 1,578 cu. yds. of concrete, and various other items.

The second lowest bidder on the Shasta County grading job was E. L. Gates of Trail, Oregon, at \$114,662.50. Hemstreet & Bell of Marysville were the third lowest bidders at \$115,450.70. Bids were submitted by seven contractors.

The contract calls for about 5-133 miles of grading. Principle items included: 33.5 acres clearing and grubbing; 142,100 cu. yds. unclassified excavation; 15,000 cubic yards excavation for borrow; 23,260 lbs. reinforcing steel; and 1,878 lineal feet of corrugated galvanized sheet metal pipe.

## WALNUT ASSOCIATION ISSUES NEW BROCHURE

"Walnut in the Art of Gracious Living", a 19-page illustrated brochure on the uses of walnut in home furnishings has been published by the American Walnut Manufacturers Association, 616 S. Michigan boulevard, Chicago. Copies may be obtained without charge from the association.

The pamphlet contains many illustrations of homes furnished in walnut, as well as sections of various types of walnut. The characteristics of walnut, including its weight, hardness, strength and workability are described.

Motor vehicle registration in Alameda county last year totaled 173,895 vehicles, according to the annual report of Ray Engels, director of the State Department of Motor Vehicles.

## PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
321	Higgins	Thralh	3000
322	Sharboro	Owner	9000
323	Stevens	Herzog	5000
324	Wittcop	Schmitz	6000
325	Barrango	McCabe	6000
326-34	Galli	Owner	3500
325	Galli	Owner	4250
326	Sellg	Scheil	5000
327	King	Owner	40000
328	Mahler	Petersen	1000
329	Miller	Owner	2850
340	Monte	Owner	3950
341	Safeway	Owner	6000
342	Vose	Anderson	1500
343-4	Arco	Owner	2500
347	Berenson	Jacks	4700
349	Watson	Hansell	7000
350	Anglo	O'Brien	1000
351	Harmon	Wilhelm	1525
352-53	Mendo	Janssen	4000
354	De Golla	Cahill	6000
355	Fontana	Oliva	5000
356	Jelivetch	Vukicевич	7500
357	Jensen	Coburn	1000
358	Lardau	Owner	1000
359	Reitz	Steinauer	1500
360	Richfeld	Munsen	3000
361	Vivaldo	Owner	1000

**DWELLING**  
(320) S TARAVAL 82 E 34th Ave.  
One - story and basement frame  
dwelling.  
Owner and Builder—Willard E. Cal-  
mer, 3174 22nd St.  
Architect—Not Given. \$2,500

**DWELLING**  
(321) W MT. VERNON 29 S San  
Jose. One-story frame dwelling.  
Owner—Edna Higgins, 62 Monterey  
Boulevard.  
Contractor—H. A. Thrall, 1578 Hayes  
Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(322) W NORMANDIE Terrace 106  
S Vallejo. Two-story and base-  
ment frame dwelling.  
Owner and Builder—Sharboro & Jor-  
gensen, 207 Walnut Street.  
Architect—John Ahnden, 822 29th  
Avenue. \$9,000

**DWELLING**  
(323) NE SLOAT BLVD. and Ga-  
hlan Way. One-story and base-  
ment frame dwelling.  
Owner—A. Jackson Stevens, c/o con-  
tractor.  
Contractor—A. J. Herzog, Sloat Blvd  
and Gahlan Way.  
Architect—A. H. Larsen, 333 Kearny  
Street. \$5,000

**DWELLING**  
(324) W TENTH AVE. 117 N Pa-  
cheo. One-story and basement  
frame dwelling.  
Owner—D. Wittkopp, c/o architect.  
Contractor—Schmitz Const. Co., 9  
Sutter Street.  
Architect—F. W. Dakin, 625 Market  
Street. \$6,000

**DWELLING**  
(325) NW 26th AVE. and Eucalyptus.  
Two - story and basement frame  
dwelling.  
Owner—Carmen Barrango, 789 Mis-  
sion Street.  
Contractor—J. W. McCabe, 716 Ulloa.  
Architect—D. E. Jaekle, 126 Post St.  
\$6,000

**DWELLING**  
(326) E 25th AVE. 45 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(327) E 25th AVE. 304 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(328) E 25th AVE. 193 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(329) E 25th AVE. 156 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(330) E 25th AVE. 267 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(331) E 25th AVE. 82-N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(332) E 25th AVE. 230 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(334) E 25th AVE. 119 N Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$3,500

**DWELLING**  
(335) NE 25th AVE. and Eucalyptus.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli, 377  
West Portal Ave.  
Architect—E. H. Denke, 1317 Hyde  
Street. \$4,250

**ALTERATIONS**  
(336) 100 POWELL ST. Alter store.  
Owner—Ed Selig, 16 Market St.  
Contractor—Fred W. Schell, 666 Mis-  
sion Street.  
Architect—Not Given. \$5,000

**APARTMENTS**  
(337) NE 26th AVE and Fulton St.  
Three-story frame apartments.  
Owner—N. J. King, 231 Franklin St.  
Architect—R. R. Irvine, 2048 Market  
Street. \$10,000

**ALTERATIONS**  
(338) 349 EVANS AVE. Alter dwell-  
ing.

Owner—J. A. Mahler, 419 Mendel.  
Contractor—Anton Petersen, 275 S San  
Bruno Avenue.  
Architect—Not Given. \$1,000

**DWELLING**  
(339) E BONVIEW 400 N Eugenia.  
One - story and basement frame  
dwelling.

Owner and Builder—E. Miller, 156  
Bocano.  
Architect—Not Given. \$2,500

**ALTERATIONS**  
(340) 57 RAE AVE. Alter dwelling.  
Owner and Contractor—A. J. Monte,  
57 Rae Avenue.  
Architect—Not Given. \$3,950

**ALTERATIONS**  
(341) 444 TOWNSEND ST. Alter  
warehouse.

Owner & Contractor—Safeway Stores,  
Inc., Oakland.  
Architect—Not Given. \$6,000

**ALTERATIONS**  
(342) 1050 FILBERT ST. Alter dwell-  
ing.

Owner & Contractor—Kenneth Vose,  
111 Sutter St.  
Contractor—O. H. Anderson, 2529  
Geary Street.  
Architect—Not Given. \$1,500

**DWELLING**  
(343) S CONCORD 76 E Mission St.  
One - story and basement frame  
dwelling.

Owner and Builder—Arco Bldg. Co.,  
5401 Mission Street.  
Architect—Not Given. \$2,500

**DWELLING**  
(345) S CONCORD 96 E Mission St.  
One - story and basement frame  
dwelling.

Owner and Builder—Arco Bldg. Co.,  
5401 Mission Street.  
Architect—Not Given. \$2,500

**DWELLING**  
(346) S CONCORD 56 E Mission St.  
One - story and basement frame  
dwelling.

Owner and Builder—Arco Bldg. Co.,  
5401 Mission Street.  
Architect—Not Given. \$2,500

**ALTERATIONS**  
(347) 2633 STEINER Street. Alter  
dwelling.

Owner—S. Berenson, c/o contractor,  
Contractor—Jacks & Irvine, 620 Mar-  
ket Street.  
Architect—Lighner-Hyman & Ap-  
pleton, 68 Post St. \$1,700

**DWELLING**  
(348) W 29th AVE. 255 S Vicente.  
One - story and basement frame  
dwelling.

Owner and Builder—G. W. Morris,  
85 Pinehurst Way.  
Architect—Not Given. \$1,000

**DWELLING**  
(349) 3 PACIFIC Ave. 235 E Spruce.  
Two - story and basement frame  
dwelling.

Owner—Dr. Harold Watson, 3045 Cal-  
ifornia Street.  
Contractor—George H. Hansell, 1534  
Geary Street.  
Architect—Farr & Ward, 65 Post St.  
\$7,000

**ALTERATIONS**  
(350) SW CHESTNUT and Fillmore  
Sts. Alter stores.

Owner—Anglo California Nat'l Bank,  
1 Sansome Street.  
Contractor—Lloyd O'Brien, 309 Pine  
Street.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(351) 2516 18th AVE. Alter dwelling.  
Owner—F. C. Harmon, premises.  
Contractor—A. H. Wilhelm. 666 Mission Street.  
Architect—Not Given. \$1325

**DWELLING**  
(352) W 41st AVE. 307 N Geary. One - story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement.  
Contractor—E. A. Janssen, 1136 Clement Street.  
Architect—Not Given. \$4,900

**DWELLING**  
(353) E WESTGATE 25 N Ocean. One - story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement.  
Contractor—E. A. Janssen, 1136 Clement Street.  
Architect—Not Given. \$4,900

**ALTERATIONS**  
(354) 1125 MARKET ST. Alter the fire alarm.  
Owner—E. B. De Golia, 206 Sansome St.  
Contractor—Cahill Bros., 206 Sansome St.  
Architect—W. P. Day, Financial Center Bldg. \$6000

**ALTERATIONS**  
(355) 709-709-A HAMPSHIRE. Alter dwelling.  
Owner—F. Fontana, Prem.  
Contractor—Victor Oliva, 2731 24th St.  
Architect—Not Given. \$5000

**APARTMENTS**  
(356) N. ST. MARYS AVE. 275 W MISSION. Two-story frame apts.  
Owner—A. J. Jellicoe, 36 College Ave.  
Contractor—Peter E. Vuklicevich, 1442 Taraval.  
Architect—R. R. Irvine, 2048 Market St. \$7500

**ALTERATIONS**  
(357) 164 PRECITA. Alter flats.  
Owner—E. C. Jensen, c/o Contractor.  
Contractor—Ira W. Coburn, 2048 Market St.  
Architect—Not Given. \$1000

**OFFICE BUILDING**  
(358) W. BAYSHORE, 230 S WOOLSEY. One-story frame office building.  
Owner—Eddie Landau, 347 Holyoke St.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(359) 478 27TH AVE. Alter dwelling.  
Owner—Mary Reitz, Prem.  
Contractor—R. J. Stelnauer, 556 34th Ave.  
Architect—Andrew H. Knoll, Hearst Bldg. \$1500

**SERVICE STATION**  
(360) SW BRYANT AND 6TH STS. Steel service station.  
Owner—Richfield Oil Co., 248 Battery St.  
Contractor—John Munsen, c/o Owner.  
Architect—Not Given. \$3000

**ALTERATIONS**  
(361) 1944 POST ST. Alter apts.  
Owner—L. Vivaldo, Prem.  
Architect—Not Given. \$1000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
253	Allen	Owner	3800
254	Cenedella	Owner	9500
255	Gann	Williams	4200
256	Bennett	Justice	3200
257	Ringens	Owner	5000

258	Warshauer	Towle	1000
259	Licht	Jensen	2500
260	Pearson	Sorensen	2800
261	Stanfer	Larsen	3265
262	Flagg	Owner	4500
263	Hamshere	Groden	6400
264	Kahrt	Prunetti	4550
265	Sheehan	Page	23571
266	Gibbs	Sprout	7500
267	Griffin	Owner	1000
268	Hemming	Owner	3500
269	Lagoria	Benassini	1000
270	Marlett	Hutchinson	4300
271	Scammell	Owner	5000
272	Atkins	Rogers	1600
273	Maxwell	Jensen	1000
274	Netherby	Owner	4200
275	Carlson	Owner	3000
276	Central	Pickrell	3000
277	Clawson	Scott	3000
278	Crump	Owner	5000
279	Hudd	Armstrong	1000
280	Melrose	Owner	1500
281	Tait	Stokes	1000
282	Castro	Davis	3550
283	Flagg	Owner	4000
284	Flagg	Owner	3500
285	Fox	Vallery	2000
286	Frederickson	Owner	5500
287	Silva	Whalin	1000
288-89	Skagga	Owner	15000
294	Smith	Owner	4500
295	Woodward	Sigge	1500

**DWELLING**  
(253) 2417 WEBSTER, BERKELEY. Two-story frame dwelling and garage.  
Owner & Builder—J. H. Allen, Prem.  
Architect—Not Given. \$3800

**DWELLING**  
(254) 619 SPRUCE, BERKELEY. One-story 8-room dwelling.  
Owner and Builder—R. O. Cenedella, 902 Euclid.  
Architect—Chester Trichel, 696 Cleveland St., Oakland. \$9500

**DWELLING**  
(255) 1360 ADA, BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—E. J. Gann, 1640 Fairview Ave.  
Contractor—L. E. Williams, 3645 Grove.  
Architect—Not Given. \$4200

**DWELLING**  
(256) 1821 106TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Clara Bennett, 3237 Liberty Ave., Alameda.  
Contractor—N. F. Justice, 2206 Clinton Ave., Alameda.  
Architect—Not Given. \$3200

**DWELLING**  
(257) 1666 GOULDIN RD., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Charles C. Ringens, 5689 Cabot Dr.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(258) 1636 FRANKLIN ST., OAKLAND. Alterations.  
Owner—Ted Warshauer, Prem.  
Contractor—W. M. Towle, 353 9th St.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(259) 75 HAZEL LANE, PIEDMONT. Alterations.  
Owner—Arthur Licht, 75 Hazel Lane.  
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.  
Architect—Eugene Barton. \$2500

**ALTERATIONS**  
(260) 2700 BELROSE, BERKELEY. Alterations.  
Owner—J. W. Pearson, 2700 Belrose.  
Contractor—Edw. M. Sorensen, 1907 Parker Street.  
Architect—E. L. Snyder, Berkeley. \$2800

**WASH ROOM**  
(261) 980 HEINZ, BERKELEY. One story wash room.  
Owner—Stauffer Chemical, S. F.  
Contractor—Larsen and Larsen, 629 Bryant St., San Francisco.  
Engineer—K. Theill, San Francisco. \$3,265

**DWELLING**  
(262) N. HERRIER ST., 250 W. Midvale Ave., OAKLAND. Two-story 6-room dwelling.  
Owner and Contractor—A. J. Flagg, 3742 Loma Vista Ave.  
Architect—Not Given. \$4,500

**DWELLING**  
(263) 154 SONIA ST., OAKLAND. Two-story 6-room dwelling.  
Owner—Clyde N. Hamshere, 1417 40th Avenue.  
Contractor—J. J. Groden, 1028 San Antonio Ave., Alameda.  
Architect—Not Given. \$6,400

**DWELLING**  
(264) 2859 55th AVE., OAKLAND. One-story 4-room dwelling.  
Owner—A. L. Kahrt, Box 536, Pleasanton.  
Contractor—S. J. Prunetti, 9239 Walnut Street.  
Architect—Not Given. \$4,850  
Also 1-story garage, \$350.

**DWELLING**  
(265) 17 LINCOLNSHIRE DRIVE, OAKLAND. Two-story 10-room dwelling.  
Owner—V. C. Sheehan, 927 Larkspur Rd., Oakland.  
Contractor—Harold L. Paige, 565 1st Oak Grove Ave.  
Architect—F. Eugene Barton, Crocker Bldg., San Francisco. \$23,571

**DWELLING**  
(266) 6533 DAWES ST., OAKLAND. Two-story 7-room dwelling.  
Owner—L. Gibbs, 491 Staten Ave., Oakland.  
Contractor—H. R. Sprout, 307 Berkeley Park Blvd., Berkeley.  
Architect—Not Given. \$7,500  
Also 1-story garage, \$200.

**ALTERATIONS**  
(267) 770 58th ST., OAKLAND. Alterations and addition.  
Owner and Contractor—J. R. Griffin, 770 58th St., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(268) 4060 HARDING WAY, OAKLAND. One-story 6-room dwelling.  
Owner and Builder—K. J. Henning, 5588 Taft Ave., Oakland.  
Also garage, \$400.  
Architect—Not Given. \$4,500

**ALTERATIONS**  
(269) 1054 61st ST., OAKLAND. Alterations.  
Owner—A. Lagoria, 545 61st Street, Oakland.  
Contractor—Joe Benassini, 620 51st St., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(270) 2919 EL MONTE AVE., OAKLAND. Two-story 6-room dwelling.  
Owner—E. R. Marlett.  
Contractor—E. B. Hutchinson, 2782 68th Ave., Oakland.  
Architect—Not Given. \$4,300

**DWELLING**  
(271) 2489 CORDOVA ST., OAKLAND. One-story 6-room dwelling.  
Owner and Builder—J. W. Scammell, 2163 Fruitvale Ave., Oakland.  
Architect—Not Given. \$5,000

**ALTERATIONS**

(272) 2451 BANCROFT, BERKELEY. Alterations.  
Owner—Frank Atkins, Prem.  
Contractor—C. V. Rogers, 3618 Hopkins St., Oakland.  
Architect—Not Given. \$1600

**ALTERATIONS**

(273) 2436 TELEGRAPH, BERKELEY. Alterations.  
Owner—Maxwell Hidwe. Co., 2100 Shattuck.  
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.  
Architect—Not Given. \$1000

**DWELLING**

(274) 678 GRIZZLY PEAK BLVD. Two-story 6-room frame dwelling and garage.  
Owner—E. M. Netherby, 3553 Lyman Rd., Oakland.  
Contractor—W. S. Netherby, Prem.  
Architect—Not Given. \$4200

**DWELLING**

(275) 351 TAURUS AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Harry E. Carlson, 301 Lenox Ave.  
Architect—Not Given. \$3000

**DWELLINGS**

(276) 4121-27-33 EAST 18TH ST., OAKLAND. One-story 5-room dwellings (3).  
Owner—Central Bldg. & Loan Assn., 18th St. & Broadway.  
Contractor—J. H. Pickrel, 1738 Alameda Ave., Alameda.  
Architect—Not Given. \$3000 ea

**DWELLING**

(277) 2530 39TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Mildred R. Clawson, 5907 Hayes St.  
Contractor—C. Edward Scott, 1720 Nason St., Alameda.  
Also 1-story garage, \$100.  
Architect—Not Given. \$3000

**DWELLING**

(278) 7011 THORNHILL DR., OAKLAND. Two-story 6-room dwelling.  
Owner & Builder—W. B. Crump, 812 Fifth Ave.  
Architect—Not Given. \$5000

**ADDITION**

(279) 4377 TOWNSEND ST., OAKLAND. Addition.  
Owner—Stanley Hudd, Prem.  
Contractor—J. R. Armstrong, 1131 Fleet Road.  
Architect—Not Given. \$1000

**ALTERATIONS**

(280) 4506 E. 14TH ST. Alterations  
Owner & Builder—Melrose Investment Co., 4514 E. 14th St.  
Architect—Not Given. \$1500

**ADDITION**

(281) 2909 YOLO, BERKELEY. Additions.  
Owner—Mr. Tait, 2000 Yolo.  
Contractor—F. A. Stokes, 275 Haas Ave., Berkeley.  
Architect—Not Given. \$1,000

**DWELLING**

(282) 1915 DURANT AVE., OAKLAND. One-story 5-room dwelling.  
Owner—A. Castro, 16th St., Oakland.  
Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro.  
Architect—Geo. O'Brien, Jr., \$3650  
Also 1-story garage, \$200.

**DWELLING**

(283) 3370 HERRIER ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—A. J. Flagg, 3743 Loma Vista Ave., Oakland.  
Architect—Not Given. \$4,000

**DWELLING**

(284) 4332 ALLENDALE AVENUE, OAKLAND. One-story five-room dwelling.  
Owner & Builder—John S. Flagg, 3387 Morcom Ave., Oakland.  
Architect—Not Given. \$3,500

**DWELLING**

(285) 3314 PARTRIDGE AVENUE, OAKLAND. One-story five-room dwelling.  
Owner—W. W. Fox, 99 Oakmont Ave., Piedmont.  
Contractor—H. L. Valleroy, 3650 Maple Ave., Oakland.  
Architect—Not Given. \$3,000  
Also 1-story garage, \$500.

**DWELLING**

(286) 1857 TIFFIN ROAD, OAKLAND. One-story 6-room dwelling.  
Owner & Builder—K. S. Fredrickson, 1871 Tiffin Road, Oakland.  
Architect—Not Given. \$5,500

**ALTERATIONS**

(287) 3124 PLEITNER AVE., OAKLAND. Alterations.  
Owner—A. Silva, 3124 Pleitner Ave., Oakland.  
Contractor—Whalsh Bros., 2942 23rd Ave., Oakland.  
Architect—Not Given. \$1,000

**APARTMENTS**

(288) 241-47 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**APARTMENTS**

(289) 249-55 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**APARTMENTS**

(290) 257-79 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**APARTMENTS**

(291) 265-71 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**APARTMENTS**

(292) 275-79 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**APARTMENTS**

(293) 281-87 WAYNE AVE., OAKLAND. Two-story 20-room apts.  
Owner & Builder—M. E. Skaggs, 4th and Jackson Sts., Oakland.  
Architect—F. Soderberg, 341 17th St., Oakland. \$15,000

**DWELLING**

(294) 3040 PARTRIDGE AVENUE, OAKLAND. One-story five-room dwelling.  
Owner & Builder—R. A. Smith, 2650 78th Ave., Oakland.  
Architect—Not Given. \$4,500

**ADDITION**

(295) 10660 SUNNYHILLS, OAKLAND. Addition  
Owner—A. J. Woodward, 10660 Sunnyhills, Oakland.  
Contractor—V. E. Sigge, 2912 Linwood Ave., Oakland.  
Architect—Not Given. \$ 1,500

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.  
142 Watson Hansell \$250

**DWELLING**

(112) N JACKSON 235 E Spruce St. Two-story and basement frame dwelling.

Owner—Harold G. and Lois B. Watson.  
Architect—Farr & Ward.  
Contractor—Geo. H. Hansell.  
Filed, July 24, '37. Dated, July 22, '37.  
21th of each month ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$8,250  
Plans and specifications filed.

**BUILDING CONTRACTS  
ALAMEDA COUNTY**

No. Owner Contractor Amt.  
87 So. Pac. Ransome 1081  
88 Barse Tait 669  
89 Sheehan Paige 23571  
90 Cowan Caird ..

**PAVING**

(57) FIFTH and Kirkham Streets, Oakland. Construction of asphaltic wearing surface.  
Owner—Southern Pacific Company.  
Architect—Not Given.  
Contractor—B. Ransome 4030 Hollis St., Emeryville.  
Filed, July 26, '37. Dated, July 19, '37.  
Monthly payments of ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$1,081  
Bond, \$10-1. Sur-ties, U. S. Guarantee Co. Limit, 20 days. Plans and specifications filed.

**APARTMENTS**

(85) SE COR. 45th AVE and Foot-hill Blvd., Oakland. Pent house apartment.  
Owner—Jos. Le Barse, 1510 45th Ave., Oakland.  
Architect—Geo. P. Simonds, 89 Main St., Hayward.  
Contractor—W. C. Tait, 833 Market St., San Francisco.  
5th day after roof on ..... \$125,000  
5th day after roof on ..... 18650  
3th day after brown plastered ..... 1650  
5th day after completion ..... 1075  
Usual 35 days ..... 175  
TOTAL COST, \$6,650

Limit, 100 days. Plans and specifications filed.

**RESIDENCE**

(89) LINCOLNSHIRE DR., Claremont Pines, Oakland. Two-story residence and garage.  
Owner—V. C. Sheehan.  
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.  
Contractor—H. L. Paige.  
Filed and dated .....  
Before 10th day of each month labor and materials 1/11 in full  
TOTAL COST, \$23,571.00  
Limit, 120 days. Plans and specifications filed.

**RESIDENCE**

(86) 2051 ACTON ST., Berkeley. Six-room duplex residence with double garage.  
Owner—Frank W. and Florence W. Cowan, 2099 Acton St., Berkeley.  
Architect—Not Given.  
Contractor—A. Farth, 972 Arden St., Oakland.  
Filed, July 28, '37. Dated, July 26, '37.  
Payments and Total Cost not given.  
Limit, 100 days.

## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Schools                     |
| 7.—Federal Buildings            | 17.—Banks, Stores and Theaters  |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies & Factories  |

## 1—APARTMENTS

To Be Done By Days Work  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO**, NE 26th Ave. and Fulton Street.  
 Three-story frame and stucco apartment building.  
 Owner & Builder—N. J. King, 221 Franklin Street.  
 Architect—R. R. Irvine, 2048 Market Street.

Contract Awarded  
**APARTMENTS** Cost, \$35,500  
**SAN FRANCISCO**, N. St. Mary's Ave., 275 ft W of Mission St.  
 Two-story frame apartment house.  
 Owner—A. J. Jelicovich, 36 College Ave.  
 Architect—R. R. Irvine, 2048 Market St.  
 Contractor—Peter E. Vuklejevich, 1442 Taraval St.

To Be Done By Day's Work  
**APARTMENTS** Cost, \$15,000 ca.  
**OAKLAND**, Alameda Co., Calif. 241-47, 249-55, 257-63, 265-71, 273-79, 281-87 Wayne Ave.  
 Six two-story frame and stucco apt. buildings.  
 Owner & Builder—M B Skaggs, 4th and Jackson Sts.

Contract Awarded  
**APARTMENT** Cost, \$12,000  
**SAN MATEO**, Calif. Center portion of Lot 28, Blk. E, Dartmouth.  
 Two-story frame apartment house.  
 Owner—Fred C. Cookley, Burlingame.  
 Architect—Wm. J. Garren, 233 Post St., San Francisco.  
 Contractor—Albert E. Magnusen, 320 Cypress St., San Bruno.

## 3—CHURCHES

**PLANS BEING FIGURED**  
**LOS ANGELES**—Until July 27, Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., are taking bids from a selected list of contractors for a steel church building to be built at St. Gregory's Parish, West 9th and Norton Sts., for the Roman Catholic Archdiocese of Los Angeles.

**PREPARING WORKING DRAWINGS**  
**CORONA** Riverside Co., Calif.—Architect Douglas McClellan, 997 Architects' Bldg., Los Angeles, is preparing working drawings for a Class C. Georgian style church building to be built at Main and Eighth Streets, Corona, for the First Baptist Church.

Planned  
**CHURCH** Cost, \$45,000  
**SAN JOSE**, Santa Clara Co., Calif.

80 S. Fifth St.  
 New edifice to replace church recently destroyed by fire.  
 Owner—First Christian Church.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Bids will be asked immediately on removal of ruins of old church.

## 4—FACTORIES &amp; WAREHOUSES

Under Construction  
**FACTORY** Cost, \$15,762  
**SANTA CRUZ**, Calif. Mission St.  
 Packing plant and drum and box factory.  
 Owner—Half Moon Bay Drum & Box Co., L. Pardini, President.  
 Architect—Not Given.  
 Contractor—Wilson & Castagnola, 59 Sharkey St., Santa Cruz.

Plans Being Figured  
**LITHOGRAPH PLANT**  
 Est. Cost, \$250,000  
**SAN FRANCISCO**, Sterling Street near Bryant Street.  
 Six-story reinforced concrete lithograph plant (work includes demolition of existing building on site, concrete, carpentry, plastering, brick, hollow tile, glass, roofing, finish hardware, art metal, underpinning, heating and venting, boiler equip., pressure tanks, automatic sprinklers).  
 Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.  
 Consulting Engineer—Jesse Rosenwald, 525 Market Street.  
 Plans are being figured by a selected list of contractors. Exact closing date to be announced later.

To Be Done By Day's Work  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO**, NE 26th Ave. & Fulton St.  
 Three-story frame and stucco apartment building.  
 Owner & Builder—M. J. King, 221 Franklin St.  
 Architect—R. R. Irvine, 2048 Market St.

Contract Awarded  
**POLYMERIZATION PLANT**  
 Cost, \$500,000  
**AVON**, Contra Costa Co., Calif.  
 Polymerization plant.  
 Owner—Tide Water Assoc. Oil Co., 79 New Montgomery St.  
 Plans by Engineering Department of Owner.  
 Contractor—Aleo Products Company (American Locomotive Co.), Rialto Bldg., San Francisco.  
 Plant is included in a \$2,000,000 improvement program, one unit of which is a new cracking plant, now under construction.

Contract Awarded  
**WAREHOUSE, ETC.** Cost, \$200,000  
**SEATTLE**, Wash. First Ave. South and Dakota St.  
 New warehouse and office building.  
 Owner—Northern Pacific Railway Co., E. Coman, Western Vice-President.  
 Lessee—Van Waters and Rogers, Inc., 1263 6th Ave. South, Seattle.  
 Plans by Engr. Dept. of Owner.  
 Contractor—The Austin Co., Dexter-Horton Bldg., Seattle.

To Be Done By Day's Work  
**ALTERATIONS** Cost, \$6,500  
**SAN FRANCISCO** 444 Townsend St.  
 Alterations to warehouse.  
 Owner and Builder—Safeway Stores, Inc., Oakland.  
 Architect—Not Given.

Bids Wanted—To Close August 5, 10 A. M.  
**ADDITION** Cost, \$.....  
**SAN FRANCISCO**, 534 Bayshore Blvd.  
 Two-story reinforced concrete warehouse (100 x 100 ft.), addition to existing building.  
 Owner—Dreamland Bedding Co. (P. Stagnoli, owner).  
 Architect—Geo. M. Cantrell, 325 Fremont Street.  
 Structural Engineer—H. P. Hoyt, 325 Fremont Street.  
 Plans and specifications may be obtained at 534 Bayshore Blvd., upon deposit of \$5.00.

Plans Being Figured  
**FACTORY** Cost, \$.....  
**SAN FRANCISCO**, Folsom St., bet. Annie and Fourth Sts.  
 Three-story reinforced concrete factory building (80 x 143 ft.).  
 Owner—M. Greenberg's Sons, 765 Folsom St.  
 Architect—Hyman & Appleton, 68 Post St.  
 Plans are now being figured by a closed, selected list of contractors.

**PREPARING PLANS**  
**FRESNO**, Fresno Co., Calif.—Los Angeles Compress & Warehouse Co., 810 W 6th St., Los Angeles, is having plans prepared for a new cotton compress to be built near Fresno. Tentative plans provide for a seasonal capacity of 200,000 bales of cotton and storage facilities for 40,000 bales.

Plans Being Figured  
**WAREHOUSE** Cost, \$.....  
**AVON**, Contra Costa Co., Calif.  
 Paint warehouse.  
 Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.  
 Plans by Engr. Dept. of Owner.  
 Plans are now being figured by a selected list of contractors. No definite closing date set.

## 5—FLATS

Plans Being Figured  
**FLATS** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Two-story frame flat building (4- and 5-room flats) two fireplaces, gas furnaces, tile and linoleum baths, hardwood floors, wood sash, wood shingle roof.  
 Owner—Withheld.  
 Architect—Victor Galbraith, 221 East Acacia St., Stockton.  
 Definite bid opening date to be announced shortly.

## 7—FEDERAL BUILDINGS

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—Sutalo and Ramljak, Los Angeles, at \$3,981.39 awarded contract by the Procurement Division, Washington, D. C., for a new sanitary sewer system in the U. S. Federal Jail at Los Angeles.

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—C. R. Butterfield-Kennedy Co., San Diego, at \$20,500 awarded contract by the Procurement Division, Washington, D. C., for improvement of the site of the U. S. Quarantine Station at Los Angeles.

**CONTRACT AWARDED**  
**BEVERLY HILLS**, Los Angeles Co., Calif.—J. Bayer & Co., Los Angeles, at \$1,985, awarded contract by

the Procurement Division, Public Buildings Branch, Washington, D. C., for metal and glass partitions in the U. S. Post Office at Beverly Hills.

**Bids Wanted—To Close Sept. 7, 1 p.m.**  
U. S. P. O. Est. Cost, \$70,000  
**ADBURN, Placer Co., Calif.**  
New U. S. Post Office.  
Owner—U. S. Government.

Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

**Complete Bids**  
**POST OFFICE** Est. Cost, \$.....  
**BURBANK, Los Angeles Co., Calif.**  
Olive Ave. between San Fernando Blvd. and First St.  
New U. S. Post Office.

Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

**Low Bidder—Sarver & Zoss, Inc., 1015 W. 4th St., Los Angeles—\$127,300.**

**Complete bids follow:**  
Sarver & Zoss, Los Angeles, Calif.—(Item 1) \$127,300; (Alt. a) add \$608; (Alt. b) ded. \$509.

Robert E. McKee, Los Angeles, Cal.—(Item 1) \$170,500; (Alt. a) add \$700; (Alt. b) ded. \$1,023.

Camphill Const. Co., Los Angeles, Calif.—(Item 1) \$131,100; (Alt. a) add \$500; (Alt. b) ded. \$500.

Theo. A. Beyer Corp., Los Angeles, Cal.—(Item 1) \$131,459; (Alt. a) add \$833; (Alt. b) ded. \$975.

Whitaker & Snook, Pasadena, Cal.—(Item 1) \$124,000; (Alt. a) add \$800; (Alt. b) ded. \$750.

L. F. Dow Co., Los Angeles, Cal.—(Item 1) \$134,747; (Alt. a) add \$600; (Alt. b) ded. \$1,200.

N. A. Anderson, Pasadena, Cal.—(Item 1) \$124,000; (Alt. a) add \$600; (Alt. b) ded. \$1,100.

Brunzell & Jacobson, Pasadena, Cal.—(Item 1) \$124,977; (Alt. a) add \$875; (Alt. b) ded. \$749.

Pearson & Hollingsworth, Los Angeles.—(Item 1) \$136,990; (Alt. a) add \$600; (Alt. b) ded. \$1,000.

James I. Barnes, Springfield, Mo.—(Item 1) \$138,340; (Alt. a) add \$540; (Alt. b) ded. \$1,200.

Campbell & Kelly, Los Angeles, Cal.—(Item 1) \$128,448; (Alt. a) add \$900; (Alt. b) ded. \$1,150.

Lovrich & Konjevod, Los Angeles, Cal.—(Item 1) \$140,877; (Alt. a) add \$600; (Alt. b) ded. \$300.

Archibald & Singleton, Los Angeles, Cal.—(Item 1) \$141,989; (Alt. a) add \$700; (Alt. b) ded. \$1,072.

J. R. Linnicott, Los Angeles, Cal.—(Item 1) \$147,758; (Alt. a) add \$795; (Alt. b) ded. \$1,226.

M. H. Golden, San Diego, Calif.—(Item 1) \$149,500; (Alt. a) add \$600; (Alt. b) ded. \$950.

MacDonald Const. Co., St. Louis, Mo.—(Item 1) \$152,317; (Alt. a) add \$1200; (Alt. b) ded. \$1,300.

Schuler & McDonald, Inc., Oakland, Calif.—(Item 1) \$154,747; (Alt. a) add \$715; (Alt. b) ded. \$1,307.

Carlo Bongiovanni, Los Angeles, Cal.—(Item 1) \$155,555; (Alt. a) add \$800; (Alt. b) ded. \$1,200.

Taylor & Taylor, Pasadena, Cal.—(Item 1) \$155,702; (Alt. a) add \$875; (Alt. b) ded. \$900.

George M. Easton, Los Angeles, Cal.—(Item 1) \$171,800; (Alt. a) add \$835; (Alt. b) ded. \$1,585.

**COMPLETE BIDS**

**SAN DIEGO, Cal.**—Mayer & Boyce, 644 1/2 Ave., San Diego, at \$192 submitted low bid and was recommended for award by the 11th Naval District, under Spec. 8463, for recalling elevator in Building No. 10 at the Naval Hospital (11th Naval District) San Diego. Work includes the re-

moval of the present hoisting cables and the furnishing and placing of new hoisting cables for one existing passenger elevator in Bldg. No. 10.

Complete bids follow:  
Mayer & Boyce, San Diego..... \$192  
San Diego Elevator & Elec. Co., San Diego..... 220  
Otis Elevator Co., S. F..... 242

**CONTRACT AWARDED**

**FRIANT, Fresno Co., Calif.**—Air Conditioning Engineers, Inc., Phoenix, Ariz., at \$12,218, was awarded contract by the Bureau of Reclamation, Walker R. Young, Construction Engineer, 206 Old Post Office Bldg., Sacramento, under Spec. No. 925-D, for all-cooling, heating and ventilating systems for the office building and two dormitories at Government Camp at Friant Dam, Central Valley Project. The camp is located about 22 miles north of Fresno.

To Ask Bids Shortly  
**POST OFFICE** Est. Cost, \$.....  
**FRESNO, Calif.**  
New United States Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

**CONTRACT AWARDED**

**SANTA CRUZ, Santa Cruz County, Cal.**—Hamilton & Church, 368 Ocean Ave., San Francisco, at \$587 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for exterior painting and painting lobby of the U. S. P. O. at Santa Cruz.

**BID CALL WITHDRAWN**

**LOS ANGELES, Cal.**—The Procurement Division, Public Bldgs. Branch, Washington, D. C., has withdrawn a bid for bids scheduled to be opened August 5 for a new sanitary sewer in the U. S. Federal Jail at Los Angeles.

**Bid Opening Date Postponed Until**

Sept. 2, 1 P. M.  
**POST OFFICE** Est. Cost, \$95,600  
**LIHUE, Hawaii, T. H.**  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Drawings and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit is required for one set of plans.  
Postponed from August 3.

**CONTRACT AWARDED**

**HICKAM FIELD, T. H.**—James W. Glover, Honolulu at \$9,850 submitted low bid and was awarded contract for concrete floor slab, roofing and siding on practice bomb loading bldg. at Hickam Field.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Bids are now being received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8452, for electric passenger elevator, electric freight elevator, and hoistway entrances at the Naval Operating Base (Hospital), San Diego, Calif. Specifications and drawings may be obtained from the Bureau and from the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, upon deposit of \$10. No definite bid opening date yet set.

**MATERIALS APPROVED**

**WENATCHEE, Wash.**—Treasury Dept. approved following building material and equipment awards for the construction of the U. S. Post Office at Wenatchee. Contractor, Consolidated Engrg. Co., Tacoma, Wash. Main switch, Nepage-McKenny Co.

**MATERIALS APPROVED**

**WOODLAND, Yolo Co., Calif.**—Treasury Department approved following building material and equipment awards for the construction of the IAWA sprinkler system at the U. S. Post Office at Woodland. Contractor, Scott Co., San Francisco. Sprinkler heads, Pasadena Sprinkler Co.; rotary heads, Thompson Mfg. Co.; valves, Thompson Mfg. Co.; pump, Chicago Pump Co.; pipe, Chase Brass & Copper Co. in lieu of previous approval; fittings, Amer. Brass Co.

**MATERIALS APPROVED**

**ONTARIO, Oregon.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Ontario. Contractor, Benjamin H. Sheldon, Ontario, Oregon. Pipe hangers for plumbing and steam pipes, Grabler Mfg. Co.; lighting fixtures, Lakeview Electrical Co. and Moe-Bridges Corp.

**BID OPENING DATE POSTPONED**

**SAN FRANCISCO.**—Until August 10, 1:30 p.m. (postponed from Aug. 3), new bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

All bids received June 8 were rejected.

A set of plans and copy of specifications, together with Addendum No. 1, are now on file for examination at the office of the DAILY PAPERIFIC BUILDER, 465 Tenth St., San Francisco.

**CONTRACT AWARDED**

**SAN PEDRO, Los Angeles Co., Cal.**—A. J. Beyer, Slausen and Sons, E. Ave., Los Angeles, at \$143, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for white bronze tablet in the U. S. P. O. and Custom House at San Pedro.

**BIDS OPENED**

**SAN DIEGO, Cal.**—Jess B. Worthington, 4021 33rd St., San Diego, submitted low bid and was recommended for award of the contract by 11th Naval District, San Diego, July 27, at \$754, for painting two wood latticed masts, one approx 223 ft. high and the other 175 ft. high; one spar mast approx 68 ft. high and one tagpole approx 57 ft. high at the Point Loma Radio Station, San Diego; Spec. 8498. Adams & Sons, Pacific Beach, submitted the only other bid at \$558.

**Contract Awarded**

**REPAIR BLDG., ETC.** Contract Price, \$221,918  
**SACRAMENTO CO., Cal.** Army Air Depot, near North Sacramento  
Equipment Repair Bldg. (Spec. No. 379-E) Two-story, reinforced concrete building, 200x60 ft., Operating Office and Engineering Office Bldgs. (Spec. No. 385-B); Two-story reinforced concrete annex to engineering shop, 40x57.  
Owner—U. S. Government. Chief A. W. Parker, Constructive Quartermaster, P. O. Box 1614, Sacramento.  
Plans prepared by the office of the Quartermaster General, Washington, D. C.  
Contractor—MacDonald & Kahn, Ltd., 200 Financial Center Bldg., San Francisco.

Contract awarded under Items 1, 2, 3a and 3b.  
Complete bids Published July 14.

## 8— CLUB BUILDINGS

### COMPLETING PLANS

**PALM SPRINGS, Riverside Co., Calif.**—Architect—Riverside Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for a 2-story reinforced concrete building, to be known as the Desert Club, to be built at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Plans are also being made for a swimming pool, dressing rooms and tennis courts. Estimated cost, \$100,000.

**Planned**  
**LABOR TEMPLE** Cost, \$200,000  
**SEATTLE, Wash.** 3rd and Broadway.

Three-story concrete and fireproof Seattle Labor Temple.  
Owner—Labor Temple Assn., Bert Swain, Secy. and Mgr.  
Architect—Not Selected.

Old site at 6th and University will be sold and building razed when new structure is completed.

### CONTRACT AWARDED

**PALM SPRINGS, Riverside Co., Calif.**—Guy Matby, c/o Laquinta Lumber Co., Big Bear, will build the first unit of a club building, to be known as the Desert Club, at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Mr. Matby will also build two dressing room buildings, swimming pool, tennis and badminton courts, and a drill water well on the site. S. Chas. Lee, architect, 1648 Wilshire Blvd., Los Angeles. 5

## 9— HOSPITALS

### PLANS BEING FIGURED

**HUNTINGTON PARK, Los Angeles Co., Calif.**—Architect Gene Verge, 604 Beaux Arts Bldg., Los Angeles, has completed plans and is taking bids until Aug. 3 from a selected list of contractors for a 2-story class A reinforced concrete structure to be built at 7130 S. Mission Place, Huntington Park, for the Mission Hospital. Cost, \$75,000.

**Bids Opened**  
**HOSPITAL WING** Cost, \$33,577  
**VALLEJO, Solano Co., Calif.**  
Addition of one-story and basement wing (40 x 110 ft) to the Vallejo General Hospital; concrete walls, wood floors, tile roof.

Architect—Edward R. French, Jr., 1522 Rice St., Vallejo.  
Low Bidder—Geo. F. Barench, 921 Kentucky St., Vallejo, \$33,577.

Complete basic bids follow:  
Geo. F. Barench, Vallejo, \$33,577.  
David Paganini, San Francisco, \$54,413.

Geo. J. Maurer Co., Piedmont, \$37,123  
Karl S. Koller, Crockett, \$44,894  
Arthur Erickson, Vallejo, \$45,156.

Bids held under advisement.

**Contract Awarded**  
**HOSPITAL** Cont. Pr. \$72,392  
**HOLLISTER, San Benito Co., Calif.**

One-story reinforced concrete hospital building and ambulance (16 2-bed rooms for elderly indigents; 2 hospital rooms for sick people, operating and X-ray rooms, kitchen and dining room, laboratory, recreation rooms, delivery room, infants' room); composition roofing, linoleum floors, steel sash with metal trim, oil burning heating system, etc., constructed around central patio.

Owner—County of San Benito (Elmer Dewey, clerk).

Architect—Robert Stanton Hurl-DeMonte, Del Monte.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Contract awarded under Items 1, 2 and 3. Complete bids published on July 20.

**Bids Opened**  
**BOILER** Cost, \$5,000  
**STOCKTON, San Joaquin Co., Calif.**

State Hospital Farm.  
Construction of boiler at Farm.  
Owner—State of California, Dept. of Institutions.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

Low Bidder—Walter S. Leland Co., Walnut Creek—\$22,959.

Complete bids follow:  
Walter S. Leland Co.,  
Walnut Creek ..... \$22,959  
R. G. Neyler, L. A. .... 28,600  
C. C. Moore Co. Eng'neers, S. F. .... 28,746

## 10— HOTELS

### PREPARING PRELIMINARY PLANS

**LOS ANGELES Co., Calif.**—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have prepared sketches for a hospital building to be erected in the block bounded by Reno, Occidental, Council and Glassell Streets for St. Ann's Maternity Hospital, to be operated by the Queen of the Angels Hospital. It will cost approximately \$100,000.

July 26, 1937.

**PREPARING PLANS**  
**PALM SPRINGS, Riverside Co., Calif.**—Architect Wesley Eager, 505 Architects' Bldg., Los Angeles, is preparing plans for a clubhouse and a group of hotel buildings, to be known as the Palm Springs Desert Club, for Dudley Edelman. Buildings to be built on site 640 x 2600 ft. in area and will total 19 in number. Swimming pool, bathhouses, stables and tennis track, garages, tennis and badminton courts. Cost estimated at \$150,000.

**PLANS BEING FIGURED**  
**MOJAVE, Kern Co., Calif.**—Mrs. M. E. Mohley, Mojave, is taking general contract bids for a 2-story reinforced concrete hotel building (140 x 150 ft.) and an automobile service station she proposes erecting in Mojave. Chas. C. Frye, architect, 404 San Fernando Road, L. A.

**Preparing Preliminary Plans**  
**HOTEL** Cost, \$1,500,000  
**SEATTLE, Wash.** NE 13th Ave. and Multnomah St.  
Steel and concrete hotel building with central tower about 20 stories high, surrounded by 4 subordinate units 4 to 6 stories high; total of 350 hotel rooms.  
Owner—Lloyd Corporation, Ralph B. Lovd, Pres., 5410 Wilshire Blvd., Los Angeles.

Architect—Claude Beelman, Los Angeles.

**Sub Bids Now Being Taken**  
**MARQUEE ETC.** Cost, \$.....  
**SAN FRANCISCO.** Eddy and Jones Streets.  
New marquee and new entrance to Herald Hotel.

Owner—Withheld.  
Architect—Conrad T. Kett, 519 California St.  
Mr. Kett is now taking sub bids (2931).

**13— PUBLIC BUILDINGS**  
**FIRE HOUSES & JAILS**

**BIDS WANTED**  
**MERCED, Merced Co., Calif.**—Until August 2, 8 P. M., bids will be received by the City of Merced, W. T.

Clough, City Clerk, for remodeling of the Council Chambers of the City Council in the City Hall.

Plans and specifications are on file with the City Clerk.

**BIDS WANTED**  
**SAN FRANCISCO**—Until July 28, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.

Specifications may be obtained from the office of Superintendent of Public Buildings, R. A. Chisholm, 484 11th St.

**BIDS WANTED**  
**OAKLAND, Alameda Co., Calif.**—Until August 10, 10 a.m. (as previously reported), bids will be received by the Board of Supervisors of Alameda County, G. E. Wade, Clerk, for the construction of a new one-story, steel and reinforced concrete County Garage Building on the south side of Thirteenth Street, between Jackson and Madison Streets, Oakland. Estimated cost, \$45,000.

Plans and specifications may be obtained at the office of the Clerk, County Court House, 12th and Fallon Streets, upon deposit of \$25.

**Bids Wanted—To Close August 10, 7:30 P. M.**

**WATSONVILLE, Santa Cruz Co.**  
One-story reinforced concrete jail building (3 offices, 5 cells), concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.

Owner—City of Watsonville.  
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Bids will be opened at the office of the City Clerk, M. M. Swisher, 265 Main St., Watsonville.

Following closed list of contractors are figuring plans:  
Friend & Resh, 309 Stanford St., Watsonville.  
Carl Walstrom, 1447 Excelsior Ave., Oakland.

Erickson Bros., East Main Ave., Morgan Hill.  
Lewis & Clark, 11 Muir Ave., Piedmont.

Valley Construction Co., Room 62, Grant Bldg., San Jose.

**Planned**  
**ADDITIONS & ALTERATIONS**  
Cost, \$1,059,000

**NAPA, Calif.** Napa State Hospital. Dormitories for 800 patients; laundry building, officers' residences, etc.

Owner—State of California.  
Architecture—State Division of Architecture, M. M. McDougall, State Architect, Public Works Bldg., Sacramento.

**Preparing Plans**  
**REMODEL JAIL** Cost, \$.....  
**MARTINEZ, Contra Costa Co., Calif.**  
Remodel county jail.

Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Preparing Preliminary Plans**  
**HOSPITAL ADDITION** Cost, \$.....  
**MARTINEZ, Contra Costa Co., Calif.**  
Addition to county hospital.

Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Sub-Contracts Awarded**  
**SOUTH TOWERS** Cont. Pr. \$75,660  
**YERBA BUENA SHOALS, Cal. Site**  
Chute 1937 Geod. Fair

Two towers 104 feet high above pile foundations. Structures are temporary exposition buildings, ser-



ing largely as the basis for decorative motifs for the finished Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President) 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

Contractor—E. T. Leaura, 87 Ross Circle, Oakland.

Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.

Sheet Metal—Jerome & Horner, 3501 Chestnut St., Oakland.

Contract Awarded

**ENTRANCE TOWERS** Cont. Pr. \$91,865

**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Two main entrance towers, each 70 feet high with bases 118x263 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

**BIDS WANTED**

**ARCATA.** Humboldt Co., Calif.—Until Aug. 2, 8 p.m., bids will be received by the City of Arcata for reshingling of the Arcata Firemen's Hall at Arcata.

Specifications may be obtained at the office of the City Clerk. Bids will be opened at the Firemen Club Room, Arcata.

Plans Approved

**REMODEL JAIL** Cost, \$16,000

**FRESNO, Calif.**

Remodel county jail; strengthen structure, lower felony cells to ground floor and remodel second floor for use as holdover tank.

Owner—County of Fresno.

Architect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.

Bids will be asked in about one week.

To Ask Bids Shortly

**FRAMING EAST TOWERS**

Cost, \$...

**YERBA BUENA SHOALS, Cal.** Site of the 1939 World's Fair.

Framing work in connection with East Towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

Planned

**ALTERATIONS & ADDITIONS** Cost, \$7,200

**PACIFIC GROVE, Monterey County, Calif.**

Alterations and additions to city library.

**BIDS OPENED**

**OAKLAND, Alameda Co., Calif.**—Albert J. Kiss, 5400 E. Imperial Highway, South Gate, at \$5,999 submitted low bid to the Oakland City Council for wrecking and removing the old post office building at Broadway and 17th Sts., Oakland.

Complete bids follow: Low Bidder—Albert J. Kiss, \$ 5,999

Cleveland Wrecking Co., San Francisco .. 12,998

F. J. O'Leary, San Francisco .. 15,967

Planned

**ALTERATIONS, Etc.** Cost, \$1,053,250

**ELDRIDGE, Sonoma Co., Calif.** So-Owner—City of Pacific Grove. Architect—Not Selected.

**PROPOSED**

**LOS ANGELES CO., Calif.**—Wm. J. Fox, director of the Los Angeles county building department, has in course of preparation a report he will submit to the county supervisors early next month, suggesting methods of constructing a proposed new county office building at North Spring St. and Sunset Blvd., estimated cost \$3,000,000. Inquiry made of Federal Government authorities reveals that it will be impossible to revive or reclassify a PWA grant for the project approved in 1933 but permitted to lapse. It is probable that plans for the building will be drawn by a group of local architects, to be selected later.

uma State Home.

Construction of four cottages for patients, two detention cottages, 3 officers' residences, milk house at dairy, 3-room addition to laundry power house addition, alter ice and storage plant, enlarge sun porch, construct fire escapes, etc.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Aug. 2, 5 P. M., bids will be received by the Los Angeles Memorial Coliseum Commission, 3911 S. Figueroa Street, for constructing a one-story one-room addition (25x25-ft.) to the present office at the coliseum. Plans obtainable at office of Architects John and Donald E. Parkinson, 808 Title Insurance Bldg., upon deposit of \$25.00. Following have prepared plans: R. E. Millsap, 437 S. Hill St., room 603; John C. Davenport, 5509 W. 6th St.; M. A. Kitchell, 4302 Russell Ave.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 11, 2:30 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, for installing new passenger elevator in the Civic Auditorium. Estimated cost, \$12,000.

Plans and specifications obtainable from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$10.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Westinghouse Electric Elevator Co., 1 Montgomery St., at \$455, awarded contract by the Department of Public Works, City Hall, for alterations to doors on elevator in Hall of Justice.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Western Asbestos Co., 675 Townsend St., San Francisco, at \$75, submitted the only bid to the Dept. of Public Works, Room 206, Health Center, for furnishing and installing G-2 Acousti-Gelobex in the ceiling area on 1x-in. ceiling strips, finished with one coat of Muraltone paint, in Room 200-G, Health Center Bldg., Polk and Grove Streets.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Michel & Pfeiffer Iron Works, Inc., Tenth and Harrison Sts., San Francisco, at \$466, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guard on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.

Total bids follow: Michel & Pfeiffer Iron Works, \$466.00

Anchor Post & Fence Co., 626.00

Patterson & Koster Iron

Works, Inc. ....	630.00
Arake Iron Works .....	717.00
West Coast Wire & Iron Co. ....	717.64
S. F. Wire & Iron Works.....	853.00
Eureka Iron Works.....	983.00
All of San Francisco.	

**BIDS OPENED**

**SAN FRANCISCO.**—Western Asbestos Co., 675 Townsend St., at \$749, submitted the only bid to the Department of Public Works, Room 251, City Hall, for acoustical treatment of assembly room of Department of Public Works, Room 251, City Hall.

**BIDS OPENED**

**SAN FRANCISCO.**—Frank J. Reilly Co., 6250 Fulton St., at \$4,531, submitted low bid to the San Francisco Public Utilities Commission, Room 259, City Hall, for alterations to the sixth floor of the San Francisco Water Department Bldg. at 425 Mason Street.

Total bids follow:

Frank J. Reilly Company.....	\$4,531
M. E. Vultzevich.....	5,113
F. C. Amoroso & Sons.....	5,428
Braas & Kuhn Co. ....	5,429
L. & E. Emanuel, Inc.....	5,454
Zarrett & Hulp .....	5,457

**14—RESIDENCES**

Sub Contracts Awarded

**RESIDENCE** Cost, \$6,000

**CARMEL, Monterey Co., Calif.**

One-story rustic residence (6 rooms, 2 baths, plaster and wood interior, air conditioning system, hardwood floors, steel sash, shake roof.

Owner—H. P. Phillips, Carmel.

Architect—Not Given.

Contractor—Hugh W. Constock, P.O. Box 533, Carmel.

Roofing, Heating & Glass—Carmel Building Specialties.

Plumbing & Sheet Metal—Anderson, Dougherty, Hargis, 225 Main St., Salinas.

Electric Wiring—Carl S. Rohr, P.O. Box 704, Carmel.

Tile Work—J. N. Filson, 331 Pine Ave., Pacific Grove.

Hardwood Floors—Finn Hardwoodville Co., 515 McKenzle Ave., Watson-Grading, P. De Amaral, Carmel.

Highland Lumber—M. J. Murphy, Inc., Carmel.

Painting—Walter E. Lewis, Box 1884, Carmel.

Lathing & Plastering—C. J. Lee, RFD J Box 538, Monterey.

Hardware & Steel Sash—Carmel Bulldog Specialties.

Contract Awarded

**RESIDENCE** Cost, \$8,600

**OAKLAND, Alameda County, Calif.**

Two-story frame and stucco residence (7 rooms).

Owner—L. Gibbs, 491 Staten Ave.

Architect—Not Given

Contractor—F. E. Strout, 207 Berkeley Park Blvd., Berkeley.

**RESIDENCE** Cost, \$...

**CARMEL POINT, Carmel, Calif.**

Two-story frame and stucco residence (9 rooms, 5 baths), steel sash, hardwood floors, air conditioning, plaster and wood walls, garage.

Owner—Arthur Strausberger, Carmel.

Architect—Not Given.

Contractor—Hugh W. Constock, P.O. Box 533, Carmel.

Roofing, Heating & Glass—Carmel Building Specialties.

Plumbing, Sheet Metal—Anderson, Dougherty, Hargis, 275 Main Street, Salinas.

Electric Wiring—Carl S. Rohr, P.O. Box 704, Carmel.

Tile Work—J. N. Filson, 331 Pine Ave., Pacific Grove.

Hardwood Floors—E. G. Finn Hard-

Contract awarded under Items 1, 2, 3a and 3b.  
Complete bids Published July 14.

## 8—CLUB BUILDINGS

### COMPLETING PLANS

**PALM SPRINGS, Riverside Co., Calif.**—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for a 2-story reinforced concrete building, to be known as the Desert Club, to be built at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Plans are also being made for a swimming pool, dressing rooms, and tennis courts. Estimated cost, \$100,000.

**Planned**  
**LABOR TEMPLE** Cost, \$200,000  
**SEATTLE, Wash.** 3rd and Broadway.

Three-story concrete and fireproof Seattle Labor Temple.  
Owner—Labor Temple Assn., Bert Swain, Secy and Mgr.

Architect—Not Selected.  
The Old site at 6th and University will be sold and building razed when new structure is completed.

### CONTRACT AWARDED

**PALM SPRINGS, Riverside Co., Calif.**—Guy Maltby, c/o Laquinta Lumber Co., Big Bear, will build the first unit of a club building, to be known as the Desert Club, at Laquinta, Palm Springs, for the Palm Springs Laquinta Development Corp. Mr. Maltby will also build two dressing room buildings, swimming pool, tennis and badminton courts, and a drill water well on the site. S. Chas. Lee, architect, 1648 Wilshire Blvd., Los Angeles.

## 9—HOSPITALS

### PLANS BEING FIGURED

**HUNTINGTON PARK, Los Angeles Co., Calif.**—Architect Gene Varie, 604 Beaux Arts Bldg., Los Angeles, has completed plans and is taking bids until Aug. 3 from a selected list of contractors for a 2-story class A reinforced concrete structure to be built at 7130 S. Mission Place, Huntington Park, for the Mission Hospital. Cost, \$75,000.

**Bids Opened**  
**HOSPITAL WING** Cost, \$33,577  
**VALLEJO, Solano Co., Calif.**  
Addition of one-story and basement wing (40 x 110 ft) to the Vallejo General Hospital; concrete walls, wood floors, tile roof.  
Owner—Vallejo General Hospital.  
Architect—Edward R. French, Jr., 1522 Rice St., Vallejo.

**Low Bidder**—Geo. F. Barenchi, 921 Kentucky St., \$33,577.  
Complete basic bids follow:  
Geo. F. Barenchi, Vallejo, \$33,577.  
David Paganini, San Francisco, \$34,413.  
Geo. J. Maurer Co., Piedmont, \$37,123.  
Karl S. Keller, Crockett, \$41,584.  
Arthur Erickson, Vallejo, \$45,156.  
Bids held under advisement.

**Contract Awarded**  
**HOSPITAL** Cost Pr \$72,392  
**HOLLISTER, San Benito Co., Calif.**  
One-story reinforced concrete hospital building and almshouse (16 2-bed rooms for elderly indigent; 2 hospital rooms for sick people operating out X-ray room, kitchen and dining room, laboratory, recreation rooms, delivery room, infants' room, composition roofing, linoleum floors, asphalt sash with metal trim, oil burning heating system, etc., constructed around central patio.  
Owner—County of San Benito (Elmer Davis, clerk).  
Architect—Robert Stratton Hotel Bldg. Monte, Del Monte.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Contract awarded under Items 1, 2 and 3. Complete bids published on July 20.

**Bids Opened**  
**BOILER** Cost, \$.....  
**STOCKTON, San Joaquin Co., Calif.**  
State Hospital Farm.  
Construction of boiler at Farm.  
Owner—State of California, Dept. of Institutions.  
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.  
Low Bidder—Walter S. Leland Co., Walnut Creek—\$22,959.  
Complete bids follow:  
Walter S. Leland Co., Walnut Creek, \$22,959  
R. G. Neyler, L. A., 28,600  
C. C. Moore & Co. Engineers, S. F., 28,746

## 10—HOTELS

### PREPARING PRELIMINARY PLANS

**LOS ANGELES CO., Calif.**—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have prepared sketches for a hospital building to be erected in the block bounded by Reno, Occidental, Council and Glassell Streets for St. Ann's Maternity Hospital, to be operated by the Queen of the Angels Hospital. It will cost approximately \$100,000.

July 26, 1937.

**PREPARING PLANS**  
**PALM SPRINGS, Riverside Co., Calif.**—Architect Wesley Eager, 505 Architects' Bldg., Los Angeles, is preparing plans for a clubhouse and a group of hotel buildings, to be known as the Palm Springs Desert Club, for Dudley Edelman. Buildings to be built on site 640 x 2600 ft. in area and will total 19 in number. Swimming pool, bathhouses, stables and practice track, garages, tennis and badminton courts. Cost estimated at \$150,000.

### PLANS BEING FIGURED

**MOJAVE, Kern Co., Calif.**—Mrs. M. E. Moberly, Mojave, is taking general contract bids for a 2-story reinforced concrete hotel building (140 x 150 ft.) and an automobile service station with plans erecting in Mojave. Chas. F. Free, architect, 404 San Fernando Road, L. A.

**Preparing Preliminary Plans**  
**HOTEL** Cost, \$1,500,000  
**SEATTLE, Wash.** NE 13th Ave. and Multnomah St.

Steel and concrete hotel building with central tower about 20 stories high, surrounded by 4 sub-ordinate units 4 to 6 stories high; total of 250 hotel rooms.

**Owner**—Lloyd Corporation, Ralph E. Lloyd, Pres., 5410 Wilshire Blvd., Los Angeles.  
**Architect**—Claude Beelman, Los Angeles.

### Sub Bids Now Being Taken

**MARTINEZ, ETC.** Cost, \$.....  
**SAN FRANCISCO.** Eddy and Jones Streets  
New marquee and new entrance to Terminal Hotel.  
Owner—Wythheld.  
Architect—Conrad T. Kett, 519 California St.  
Mr. Kett is now taking sub bids (2831).

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

### BIDS WANTED

**MERCED, Merced Co., Calif.**—Until August 2 & P. M., bids will be received by the City of Merced. W. T.

Clough, City Clerk, for remodeling of the Council Chambers of the City Council in the City Hall.

Plans and specifications are on file with the City Clerk.

### BIDS WANTED

**SAN FRANCISCO.**—Until July 28, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing wire mesh guards on outside of seven windows at the San Francisco Morgue, Merchant St. and Dunbar Alley.

Specifications may be obtained from the office of Superintendent of Public Buildings, R. A. Chisholm, 484 11th St.

### BIDS WANTED

**OAKLAND, Alameda Co., Calif.**—Until August 10, 10 a.m. (as previously reported), bids will be received by the Board of Supervisors of Alameda County, G. E. Wade, Clerk, for the construction of a new one-story, steel and reinforced concrete County Garage Building on the south side of Thirteenth Street, between Jackson and Madison Streets, Oakland. Estimated cost, \$45,000.

Plans and specifications may be obtained at the office of the Clerk, County Court House, 12th and Fallon Streets, upon deposit of \$25.

**Bids Wanted—To Close August 10, 7:30 P. M.**

**JAIL** Cost, \$14,000  
**WATSONVILLE, Santa Cruz Co.**  
One-story reinforced concrete jail building (3 offices, 5 cells), concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.  
Owner—City of Watsonville.  
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Bids will be opened at the office of the City Clerk, M. M. Swisher, 268 Main St., Watsonville.

Following closed list of contractors are figuring plans:  
Friend & Resh, 309 Stanford St., Watsonville.

Carl Walstrom, 1447 Excelsior Ave., Oakland.  
Erickson Bros., East Main Ave., Morgan Hill.  
Lewis & Clark, 11 Muir Ave., Piedmont.  
Valley Construction Co., Room 62, Grant Bldg., San Jose.

**Planned**  
**ADDITIONS & ALTERATIONS** Cost, \$1,059,000

**NAPA, Calif.** Napa State Hospital. Dormitories for 800 patients; laundry building, officers' residences, etc.  
Owner—State of California.  
Architecture—State Division of Architecture, Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

**Preparing Plans**  
**MODEL JAIL** Cost, \$.....  
**MARTINEZ, Contra Costa Co., Calif.**  
Remodel county jail.  
Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Preparing Preliminary Plans**  
**HOSPITAL ADDITION** Cost, \$.....  
**MARTINEZ, Contra Costa Co., Calif.**  
Addition to county hospital.  
Owner—County of Contra Costa.  
Architect—E. Geoffrey Bangs, 580 Market St., San Francisco.

**Sub-Contracts Awarded**  
**SOUTH TOWERS** Cost Pr. \$75,660  
**YERBA BUENA SHOALS, Cal.** Site of the 1859 World's Fair.  
Two towers 84 feet high above pile foundations. Structures are temporary exposition buildings, serv-

ing largely as the basis for decorative motifs for the finished South Court No. 4. They will have wood frame and sheathing, wood floors and decks and composition roofing. No plastering or finish work is included in the contract.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

Contractor—E. T. Lesure, 87 Ross Circle, Oakland.

**Roofing**—Alta Roofing Co., 976 Indiana St., San Francisco.

**Shingles**—Metal—Jerome & Horner, 3501 Chestnut St., Oakland.

**Contract Awarded**  
**ENTRANCE TOWERS**

Cont Pr., \$91,865

**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Two main entrance towers, each 70 feet high with bases 118x263 ft. of heavy timber framing built in step-back pyramid style; also including entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

Contractor—Barrett & Hilt, 918 Harrison St., San Francisco.

**BIDS WANTED**

**ARCATA.** Humboldt Co., Calif.—Until Aug. 2, 8 p.m., bids will be received by the City of Arcata for remodeling of the Arcata Firemen's Hall at Arcata.

Specifications may be obtained at the office of the City Clerk. Bids will be opened at the Firemen Club Room, Arcata.

**Plans Approved**  
**REMODEL JAIL** Cost, \$16,000

**FRESNO, Calif.**

Remodel county jail; strengthen structure, lower felony cells to ground floor and remodel second floor for use as holdover tank.

Owner—County of Fresno.

Architect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.

Bids will be asked in about one week.

**To Ask Bids Shortly**  
**FRAMING EAST TOWERS**

Cost, \$.....

**YERBA BUENA SHOALS, Cal. Site** of the 1939 World's Fair.

Framing work in connection with East Towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

**Planned**  
**ALTERATIONS & ADDITIONS**

Cost, \$7,200

**PACIFIC GROVE, Monterey County, Calif.**

Alterations and additions to city library.

**BIDS OPENED**

**OAKLAND, Alameda Co., Calif.**—Albert J. Kiss, 5400 E. Imperial Highway, South Gate, at \$5,999, submitted low bid to the Oakland City Council for wrecking and removing the old post office building at Broadway and 17th Sts., Oakland.

Complete bids follow:

Low Bidder—Albert J. Kiss, \$ 5,999

South Gate

Cleveland Wrecking Co., 12,998

San Francisco

J. J. O'Leary, San Francisco, 15,967

**Planned**

**ALTERATIONS, Etc.** Cost, \$1,053,260

**ELDRIDGE, Sonoma Co., Calif.** So. Owner—City of Pacific Grove. Architect—Not Selected.

**PROPOSED**

**LOS ANGELES CO., Calif.**—Wm. J. Fox, director of the Los Angeles county building department, has in course of preparation a report he will submit to the county supervisors early next month, suggesting methods of constructing a proposed new county office building at North Spring St. and Sunset Blvd., estimated to cost \$3,000,000. Inquiry made of Federal Government authorities reveals that it will be impossible to revive or receive a PWA grant for the project approved in 1933 but permitted to lapse. It is probable that plans for the building will be drawn by a group of local architects, to be selected later.

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Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**BIDS WANTED**

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Following have procured plans: R. E. Millsap, 437 S Hill St., room 603; John C. Davenport, 3509 W 6th St.; M. A. Kitchell, 4302 Russell Ave.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 11, 2:30 p.m., bids will be received by the Department of Public Works, Rm. 251, City Hall, for installing new passenger elevator in the Civic Auditorium. Estimated cost, \$12,000.

Plans and specifications obtainable from the office of City Architect H. Sawyer, Room 255, City Hall upon deposit of \$10.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Westinghouse Electric Elevator Co., 1 Montgomery St., at \$45, awarded contract by the Department of Public Works, City Hall, for alterations to doors on elevator in Hall of Justice.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Western Asbestos Co., 675 Townsend St., San Francisco, at \$75, submitted the only bid to the Dept. of Public Works, Room 260, Health Center, for furnishing and installing C-2 Acousti-Celotex to the ceiling area on 1x-1n, furring strips, finished with one coat of Muraltone paint, in Room 200-G, Health Center Bldg., Folk and Grove Streets.

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Total bids follow:

Michel & Pfeiffer Iron Wks \$166.00

Anchor Post & Fence Co 626.00

Patterson & Koster Iron

Works, Inc. 630.00

Archie Iron Works 717.00

West Coast Wire & Iron Co. 717.64

S. F. Wire & Iron Works 885.00

Eureka Iron Works 985.00

All of San Francisco.

**BIDS OPENED**

**SAN FRANCISCO.**—Western Asbestos Co., 675 Townsend St., at \$748 submitted the only bid to the Department of Public Works, Room 251, City Hall, for acoustical treatment of assembly room of Department of Public Works, Room 251, City Hall.

**BIDS OPENED**

**SAN FRANCISCO.**—Frank J. Reilly Co., 6250 Fulton St., at \$1,531, submitted low bid to the San Francisco Public Utilities Commission, Room 259, City Hall, for alterations to the sixth floor of the San Francisco Water Department Bldg. at 425 Mason Street.

Total bids follow:

Frank J. Reilly Company 1,483.11

M. E. Vuilleveich 5,113

F. C. Amoroso & Sons 5,123

Brady & Kahn Co. 5,123

L. & E. Emanuel, Inc. 5,151

Garrett & Hilt 5,157

**14— RESIDENCES**

**Sub Contracts Awarded**

**RESIDENCE** Cost, \$6,000

**CARMEL, Monterey Co., Calif.**

One-story rustic residence 16 rooms, 2 baths, plaster and wood interior, air conditioning system, hardwood floors, steel sash, shake roof.

Owner—H. P. Phillips, Carmel.

Architect—Not Given.

Contractor—Hugh W. Constock, P.O. Box 533, Carmel.

**Roofing, Heating & Glass**—Carmel Building Specialties.

**Plumbing & Sheet Metal**—Anderson, Dougherty, Hargis, 225 Main St., Salinas.

**Electric Wiring**—Carl S. Rohr, P.O. Box 791, Carmel.

**Tile Work**—J. N. Filson, 331 Pine Ave., Pacific Grove.

**Hardwood Floors**—Finn Hardwood Co., 515 McKenzie Ave., Watson.

**Grading**—F. De Amaral, Carmel Highlands.

**Lumber**—M. J. Murphy, Inc., Carmel.

**Painting**—Walter E. Lewis, Box 1881, Carmel.

**Lathing & Plastering**—C. J. Lee RFD 1 Box 588, Monterey.

**Hardware & Steel Sash**—Carmel Building Specialties.

**Contract Awarded**

**RESIDENCE** Cost, \$8,000

**OAKLAND, Alameda County, Calif.**

6533 Daves St.

Two-story frame and stucco residence (7 rooms)

Owner—I. Gibbs, 191 Staten Ave.

Architect—Not Given

Contractor—H. R. Sprunt, 507 Berkeley Park Blvd., Berkeley.

**RESIDENCE** Cost, \$5

**CARMEL, POINT Carmel, Calif.**

Two-story frame and stucco residence (9 rooms 5 baths), steel sash, hardwood floors, air conditioning, plaster and wood walls, garage.

Owner—Arthur Straehberger, Carmel.

Architect—Not Given.

Contractor—Hugh W. Constock, P. O. Box 533 Carmel.

**Roofing, Heating & Glass**—Carmel Building Specialties.

**Plumbing, Sheet Metal, Appliances**—Anderson, Dougherty, Hargis, 225 Main St., Salinas.

**Electric Wiring**—Carl S. Rohr, P.O. Box 791, Carmel.

**Tile Work**—J. N. Filson, 331 Pine Ave., Pacific Grove.

**Hardwood Floors**—E. G. Finn Hard-

Wood Co., 515 McDenzle Ave., Watsonville  
 Grading—Frank de Amaral, Carmel Highlands.  
 Lumber—M. J. Murphy, Inc., Carmel.  
 Painting—Henri Van Laer, Box 1884, Carmel.  
 Lathing & Plastering—Geo. J. Turner, 234 Congress Ave., Pacific Grove.  
 Hardware, Steel Sash & Roll Screens—Carmel Bldg. Specialties. 14

**Sub-Contracts Awarded**  
 RESIDENCE Cost, \$.....  
 OAKLAND, Alameda Co., Calif. Harbor Drive.

Two 1-story frame and stucco residences (6 rooms each).  
 Owner and Builder—Ed. Lurner, 90 Fairview Ave., Piedmont.  
 Architect—L. M. Johnson, 2219 7th Ave., Oakland.

Plumbing—Madden Plbg. Co., 3121 San Pablo Ave.  
 Concrete and Foundations—F. Salamid, 5350 Manilla St.

Lumber—Sunset Lumber Co., foot of Oak Street.  
 Mill Work—Sheehan-Ballard Lumber Mill Co., 9th and Parker.  
 Lathing and Plastering—A. Cardoni, 5244 Lawton Ave.  
 All of Oakland.

**Contract Awarded**  
 RESIDENCE Cont. Pr., \$10,408  
 SAN MATEO, Baywood Tract, 544 Nevada St.

1½-story frame and stucco residence (8 rooms), hardwood floors, shingle tile roof, steel sash, gas fired hot air heating system, garage, etc.

Owner—R. P. Middlekauff.  
 Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
 Contractor—T. A. Cuthbertson, 430 Noriega St., San Francisco.

**Sub Contracts Awarded**  
 RESIDENCE Cost, \$10,000  
 CARMEL, Monterey Co., Calif.

One-story adobe veneer residence (6 rooms), air conditioned, hardwood floors, steel sash, plaster interior, two-car garage.

Owner—Samuel Hopkins, Carmel.  
 Architect—Not Given.  
 Contractor—Hugh W. Comstock, P.O. 533, Carmel.

Roofing, Heating & Glass—Carmel Building Specialties.

Plumbing & Sheet Metal—Anderson, Daugherty, Hargis, 225 Main St., Salinas.

Hardwood Floors—E. G. Finn, 515 McKenzie Ave., Watsonville.

Grading—G. de Amara, Watsonville.  
 Lumber—M. J. Murphy, Inc.  
 Hardware, Steel Sash & Rolling Screens—Carmel Building Specialties.

**Contract Awarded**  
 RESIDENCE Cost, \$5,000  
 SAN FRANCISCO, NE Sloat Blvd. and Gabilan Way.

One-story and basement frame and stucco residence, hardwood floors, tile bath, etc.

Owner—A. Lichen Stevens, c/o Contractor.  
 Architect—Albert H. Larsen, 333 Kearny St.

Contractor—A. J. Herzog, Sloat Blvd. and Gabilan Way.

**Low Bidder**  
 RESIDENCE Cost, \$.....  
 OAKLAND, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, etc.

Owner—Clay Shuman, c/o Contractor.  
 Architect—W. W. Wheeler, 160 California St., San Francisco.

Low Bidder—W. W. Wheeler, 160 California St., San Francisco.  
 Ashmutter Ave. Oakland.

**Owner Taking Bids**

RESIDENCE Cost, \$.....  
 BURLINGAME HILLS, San Mateo Co., Calif.

One-story frame and rustic residence (6 rooms), hardwood floors, tile roof, floor furnaces, etc.

Owner—Stanley Gates, 1224 Burlingame Ave., Burlingame.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.

Owner is now taking bids from a selected list of contractors.

**Preparing Working Drawings**  
 RESIDENCE Cost, \$.....  
 MARIN COUNTY, Tamalpais Valley.

One-story frame and stucco residence (5 rooms), hardwood floors, tile baths, shingle roof, floor furnaces, wood sash.

Owner—L. L. Conroy, c/o Architect.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.

Upon completion of plans owner will take general figures from a selected list of contractors.

**To Be Done By Day's Work**  
 RESIDENCE Cost, \$9,500  
 BERKELEY, Alameda Co., Calif. 619 Spruce St.

Two-story frame and stucco residence (8 rooms).

Owner & Builder—R. O. Cenedella, 902 Euclid Ave.  
 Architect—Chester H. Treichel, 692 Cleveland St., Oakland.

**Contract Awarded**  
 RESIDENCE Cost, \$6,500  
 SAN FRANCISCO, W. 10th Ave., 117 ft. N. Pacheco St.

One-story and basement frame and stucco residence.

Owner—D. Wittkop, c/o Architect.  
 Architect—F. W. Dakin, 625 Market St.

Contractor—Schmitz Constr. Co., 9 Sutter St.

**Contract Awarded**  
 RESIDENCE Est. Cost, \$5,000  
 OAKLAND, Alameda Co., Calif.

One-story frame and wood siding residence (6 rooms), wood sash, shingle roof, hardwood floors, inoleum bath, gas wall heater.

Owner—Mrs. Chas. C. Ringens, 5695 Cahot Dr., Oakland.  
 Architect—Earl E. MacDonald, 110 Sutter St., San Francisco.

Contractor—C. G. Sharp, 1327 E. 28th St., Oakland.

**Work Indefinitely Postponed**  
 RESIDENCE Cost, \$4,000  
 CORTE MADERA, Marin Co., Calif.

One-story integrated residence (five rooms), composition roof, gas-fired heating system, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.

**Bids In—Held Under Adjudgment.**  
 RESIDENCE Cost, \$.....  
 PALO ALTO, Santa Clara Co., Calif.

Two-story frame and stucco residence (8 rooms), hardwood floors, tile bath, wood shingle roof, oil-fired hot air heating system, etc.

Owner—Withheld.  
 Architect—A. C. Williams, 51 Arguello Blvd., San Francisco.

**Sub Contracts Awarded**  
 RESIDENCE Cost, \$4,000  
 CARMEL, Monterey Co., Calif.

One-story rustic residence (6 rooms), hardwood floors, floor furnaces, steel sash, plaster interior, shake roof.

Owner—Mabel Corey, Carmel.  
 Architect—Not Given.

Contractor—Hugh W. Comstock, P.O. Box 533, Carmel.

Roofing, Heating & Glass—Carmel Bldg. Specialties.  
 Plumbing—Pacific Heating & Plumb-

ing, P.O. Box 49, Monterey.  
 Electric Wiring—Langlais Electric Co., Pacific Grove.

Sheet Metal—Anderson, Dougherty, Estergis, 225 Main St., Salinas.

Tile Work—J. N. Filson, Pacific Grove.

Glass, Hardware & Steel Sash—Carmel Bldg. Specialties.

Hardwood Floors—Finn Hardwood Floor Co., 515 McKenzie Ave., Watsonville.

Lumber—M. J. Murphy, Inc., Carmel.  
 Painting—H. Van Laer, Box 1884, Carmel.

**Sub Contracts Awarded**  
 RESIDENCE Cost, \$4,500  
 CARMEL, Monterey Co., Calif.

One-story frame and stucco residence (5 rooms), plaster interior, hardwood floors, steel sash, shake roof, garage.

Owner—E. Imbrinzi, Monterey.  
 Architect—Not Given.

Contractor—Hugh W. Comstock, P.O. Box 533, Carmel.

Roofing, Glass, Hardware and Steel Sash—Carmel Bldg. Specialties.

Plumbing & Sheet Metal—Pac. Heating & Plumbing, P.O. Box 49, Monterey.

Electric Wiring—Langlais Electric Co., Pacific Grove.

Hardwood Floors—Finn Hardwood Floor Co., 515 McKenzie Avenue, Watsonville.

Brick & Stone Work—John Taufner, 692 Monroe St., Monterey.

Grading—F. De Amara, Carmel Highlands.

Lumber—M. J. Murphy, Inc., Carmel.

**Work Indefinitely Postponed**  
 RESIDENCE Cost, \$.....  
 ALAMEDA CO., Calif. Hampton Rd. near Hayward.

One-story integrated residence (five rooms), masonite floors and baths, wood sash, composition roof, etc.

Owner—Withheld.  
 Architect—Geo. P. Simonds, 80 Main St., Hayward.

**Work Indefinitely Postponed**  
 RESIDENCE Cost, \$.....  
 MILLBRAE CIRCLE, San Mateo Co., Calif. Lot No. 8.

Two-story frame and stucco residence (6 rooms) hardwood floors, tile roof, single roof, gas-fired hot air heating system.

Owner—E. M. Bauer, c/o architect.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.

**Bids In—Held Under Adjudgment**  
 RESIDENCE Cost, \$.....  
 LODI, San Joaquin Co., Calif.

One-story residence (6 rooms and 2 baths), tile or composition roof, oil burning furnace, wood sash, stucco exterior, inoleum baths.

Owner—Withheld.  
 Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

**Sub-Contracts Awarded**  
 RESIDENCE Cont. Price, \$124,391  
 OAKLAND, Alameda Co., Calif. 1500 34th Avenue.

Two-story reinforced concrete residence and garage (40 bedrooms, work rooms, storerooms, kitchen, parlors, offices, etc.); tile roof, inoleum floors, furred and plastered exterior walls, etc.)

Owner—The Franciscan Fathers' Residence  
 Architect—John J. Donovan, 950 Parker St., Berkeley

Contractor—Miller Const. Co., 3917 Mission St., San Francisco.

Demolition—J. E. Roberts.  
 Excavation—Ariss-Knapp, 961 41st St. Oakland.

Reinforcing Steel—Concrete Eng. Co., 1280 Indiana St., San Francisco.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

**Plumbing**—Madden Pbg. & Htg. Co., 3121 San Pablo Ave., Oakland.  
**Heating**—W. A. Aschen, 3000 E 16th St., Oakland.  
**Electric Work**—Taylor and Griffiths, 174 12th St., Oakland.  
**Painting**—Mark A. Miller & Co., 1449 High St., Oakland.  
**Plastering**—Wm. Makin, 2141 Livingston St., Oakland.  
**Toilet Partitions**—Dwan & Co., 128 Post St., San Francisco.  
**Hardware**—Maxwell Hardware Co., 1320 Washington St., Oakland.  
**Lumber**—Eureka Mill & Lumber Co., 3615 E 14th St., Oakland.  
**Concrete**—Transit Concrete Ltd., 2500 Peoria St., Oakland.  
**Masonry**—Herschel & Reinecke, 930 E 11th St., Oakland.

**Contract Awarded**  
**RESIDENCE** Est. Cost, \$8,000  
**BERKELEY**, Alameda Co., Calif.  
 One-story frame and stucco residence (6 rooms), shake roof, hardwood floors, inoleum baths, gas-fired hot air heating system, etc.  
**Owner**—Mr. Chantler, c/o Architect.  
**Architect**—F. L. Confer, 3147 Claremont Ave., Berkeley.  
**Contractor**—L. Neilson, 2305-A Acton St., Berkeley.

**Plans Being Figured—Bids Close On August 2nd**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Belgrade Ave., near Shrader St.  
 Frame and stucco residence.  
**Owner**—J. Maxwell McVean, c/o Architect.  
**Architect**—Raymond W. Jeans, 244 Kearny St.  
**Miller Construction Company**, 3917 Mission St., is figuring plans and desires sub bids on all portions of the work.

**Plans Being Figured—Bids Close July 29**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Belgrade Ave., near Shrader St.  
 Frame and stucco residence.  
**Owner**—A. E. Boyle, c/o Architect.  
**Architect**—Wm. Clement Ambrose, 214 Kearny St.  
**Miller Construction Co.**, 3917 Mission St., is figuring plans and desires sub bids on all portions of the work.

**Preparing Plans**  
**RESIDENCE** Cost, \$9,000  
**WOODSIDE**, San Mateo Co., Calif.  
 One-story frame and stucco residence (5 rooms, 3 baths) hardwood floors, tile baths, etc.  
**Owner**—Withheld.  
**Architect**—Chas. E. J. Rogers, Pheasant Bldg., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SAN ANSELMO**, Marin Co., Calif.  
 One-story frame and stucco residence (hardwood floors, tile baths, etc.)  
**Owner**—Samuel Abrams, c/o architect.  
**Architect**—Chas. E. J. Rogers, Pheasant Bldg., San Francisco.  
**Contractor**—Marin Bldg. Co., 740 40th St., San Rafael.

**RESIDENCE** Cost, \$23,571  
**OAKLAND**, Alameda Co., Calif. 17  
 Lincolnshire Drive.  
 Two-story frame and stucco residence (10 rooms).  
**Owner**—V. C. Sheehan, 927 Larkspur Road, Oakland.  
**Architect**—P. Eugene Barton, Crocker Bldg., San Francisco.  
**Contractor**—Harold L. Paige, 5651 Oak Grove Ave., Oakland.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$4,000  
**CARMEL**, Monterey Co., Calif.

One-story rustic cottage (5 rooms, 2 baths), air conditioning system, shake roof, steel sash, plaster interior.  
**Owner**—F. G. Strong, Carmel.  
**Architect**—Not Given.  
**Contractor**—Hugh W. Comstock, P. O. Box 533, Carmel.  
**Roofing, Heating & Glass**—Carmel Building Specialties.  
**Plumbing**—Pacific Heating & Plumbing, P. O. Box 49, Carmel.  
**Electric Wiring**—Dan Searle Electric Co., 580 Main St., Monterey.  
**Sheet Metal**—Anderson, Dougherty, Hargis, 225 Main St., Salinas.  
**Hardwood Floors**—Finn Hardwood Floor Co., 513 McKenzie Avenue, Watsonville.  
**Grading**—F. De Amaral, Carmel Highlands.  
**Lumber**—M. J. Murphy, Inc., Carmel.  
**Hardware & Steel Sash**—Carmel Building Specialties.  
**Lathing & Plastering**—C. J. Lee, RFD 1, Box 588, Monterey.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4000 each  
**SAN FRANCISCO**, E 25th Avenue N of Eucalyptus St.  
 Nine one-story and basement frame and stucco residences.  
**Owner and Builder**—R. F. Gall, 377 West Portal Avenue.  
**Architect**—E. H. Denke, 1317 Hyde.

**Plans Being Figured—To Close August 3, 5 P. M.**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Belgrade Ave., near Shrader St.  
 Two-story frame and stucco residence, shingle tile roof, inoleum baths, wood sash, hot air heating system with air filter and fan, hardwood floors.  
**Owner**—J. Maxwell McVean, c/o Architect.  
**Architect**—Raymond W. Jeans, 244 Kearny St.

Plans are being figured by the following selected list of contractors:  
**Miller Construction Co.**, 3917 Mission St.  
**William Martin**, 666 Mission St.  
**Moore & Madsen**, 557 Market St.  
**G. P. W. Jensen & Sons**, 320 Market St.  
 All of San Francisco.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$7,500  
**SAN FRANCISCO**, N Ulloa Street west of 33rd Avenue.  
 One-story and basement frame, wood siding and brick veneer residence (5-rooms) wood sash, hardwood floors, tile baths, hot air heating system, asbestos shingle roof.  
**Owner**—John G. Switzer, c/o architect.  
**Architect**—A. H. Larsen, 333 Kearny.  
 Upon completion of plans general bids will be asked of a selected list of contractors.

**PREPARING PLANS**  
**RESIDENCE** Cost, \$.....  
**SAN JOAQUIN CO.**, Calif.—**ARLORD**, San Joaquin Co., Calif.—**ARCHIBOLD**, Leo P. Bachman, 3142 Wilshire Blvd., Los Angeles, is preparing plans for a 5-room residence to be built in Lodi for Arthur F. Smith; 2-car garage with overhead doors.

**Sub Bids Wanted**  
**RESIDENCE** Cost, \$.....  
**HILLSBOROUGH**, San Mateo Co., Calif.  
 Two-story reinforced concrete residence (10 rooms, 5 baths), steel sash, concrete and copper roof, gas-fired hot air heating system.  
**Owner**—Jennison Heaton, c/o Architect.  
**Architect**—W. F. Ruck, 557 Market St., Room H, San Francisco.  
 The architect desires sub bids on all portions of the work.

**Preparing Plans**  
**RESIDENCE** Cost, \$5,000  
**MILL VALLEY**, Marin Co., Calif.  
 One-story frame and stucco residence, hardwood floors, tile baths, composition shingle roof, gas heating system.  
**Owner**—Withheld.  
**Architect**—Conrad T. Kett, 519 Callifornia St., San Francisco.  
 Upon completion of plans, sub bids will be taken by the owner.

**Bid Opening Date Postponed Until August 9**  
**RESIDENCE** Cost, \$10,000  
**SUTTER CREEK**, Amador Co., Calif.  
 Two-story frame, brick veneer and shingle residence (7 rooms), shake roof, air conditioning system, oil-burning heating system, hardwood floors, tile baths.  
**Owner**—Withheld.  
**Architect**—Capt. E. L. Norberg, 650 Market St., San Francisco.  
 Postponed from July 28.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One-story residence (6 rooms and 2 baths), tile or composition roof, oil-burning furnace, wood sash, stucco exterior, inoleum baths.  
**Owner**—Withheld.  
**Architect**—Victor Galbraith, 221 E. Acacia St., Stockton.  
**Contractor**—John Hieh, 425 N. Sacramento St., Lodi.

**Completing Plans**  
**RESIDENCE** Cost, \$.....  
**SAN JOAQUIN CO.**, near Lodi.  
 Two-story stucco and rustic residence (8 rooms), wood shingle roof, wood sash, hardwood floors, inoleum baths, oil-burning heat.  
**Owner**—Withheld.  
**Architect**—Victor Galbraith, 221 E. Acacia St., Stockton.  
 Plans will be completed and general bids asked the first of next week.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**SAN FRANCISCO**, W. Normandie Terrace, 106 ft. S. Vallejo St.  
 Two-story and basement frame and stucco residence.  
**Owner & Builder**—Sbarbero and Jorgensen, 207 Walnut St.  
**Architect**—John Ahnden, 822 39th Ave.

**Work Indefinitely Postponed**  
**RESIDENCE** Cost, \$4,600  
**CASTRO VALLEY**, Alameda Co.  
 One-story frame residence (5 rooms), masonry floors, tile baths, shingle roof, gas furnace.  
**Owner**—Withheld.  
**Architect**—Geo. P. Simonds, 80 Main St., Hayward.

**Plans Being Figured—To Close July 30, 9 P. M.**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Belgrade Ave., near Shrader St.  
 Two-story frame and stucco residence, composition shingle roof, hardwood floors, tile baths, wood sash.

**Contract Awarded**  
**Owner**—A. E. Boyle, c/o Architect.  
**Architect**—Wm. Clement Ambrose, 214 Kearny St.  
 Plans are being figured by the following selected list of contractors:  
**Miller Construction Co.**, 3917 Mission St.  
**C. L. Wolf Construction Co.**, 4112 Fulton St.  
**William Martin**, 666 Mission St.  
**Moore & Madsen**, 557 Market St.  
**C. O. Blincoe**, 2663 16th Ave.  
 All of San Francisco.

## 15—SCHOOLS

Completing Plans  
ADDITIONS Cost, \$.....  
MODESTO, Stanislaus Co., Calif.  
Two-classroom and corridor addition to the Woodrow Wilson Grammar School and two-classroom and corridor addition to the Emerson Grammar School, reinforced concrete footings, frame and stucco buildings, with tile roofs.  
Owner—Modesto City School Board of Education.  
Architect—John J. Donovan, 950 Parker St., Berkeley.  
General bids will be asked about next Monday.

Sub-Contracts Awarded  
SCHOOL Contract Price, \$60,591  
SANTA MATEO, San Mateo Co., Calif.  
Peninsular Avenue.  
New Peninsular Avenue Elementary School (1-story frame and stucco building, tile roof, steam heating system, maple floors in classrooms, steel lockers, slate blackboards).  
Owner—San Mateo Elementary Sch. District.  
Architect—T. M. Edwards, 9 Geary St., San Francisco.  
Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.  
Roofing—Imperial Roofing and Sheet Metal Works, 227 S. Railroad, San Mateo.  
Heating and Plumbing—Harry Lee, 229 California Drive, Burlingame.  
Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.  
Sheet Metal—L. L. Montgomery and Son, 47 S. Railroad Ave., San Mateo.

Tile Work—American Art Tile Co., 231 Franklin St., San Francisco.  
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.  
Hardwood Floors—Inland Floor Co., 600 Alabama St., San Francisco.  
Lumber—Wisnem Lbr. Co., 421 5th Ave., San Mateo.  
Mill Work—Pacific Mfg. Co., 639 B St., San Mateo.  
Painting—W. G. Thompson, 324 Church St., San Francisco.  
Lathing and Plastering—Jas. Patt, 117 10th St., San Francisco.  
Concrete Material—San Mateo Feed & Fuel Co., 550 San Mateo.

## BIDS OPENED

KERN COUNTY, Cal.—Wm. Gannon, 1539 15th St., Bakersfield, submitted low bid to Los Hills School District July 23, at \$3544 for construction of a duplex cottage in Kern County for the district. Other bids were: C. F. Ford, \$8814; W. C. Harms, \$7274; T. C. Clason, \$73374.  
After adjournment, Plans by Lee & Mackie, Herbert E. Mackie architect, 100 Western Pacific Bldg., Los Angeles.

## LOW BIDDER

WILLIAMSON Los Angeles Co., Calif.—Wm. J. Williamson, 41 W. Robertson, submitted low bid to Complete Union High School District, at \$125,000 for two classrooms to be added to the Junior High School, including roof and additional classrooms at Walnut Park Junior High School and a shop addition at Lynwood Junior High School, Marshall Street at 12th St., 598 Arroyo Avenue Bldg., Los Angeles.

## BIDS WANTED

MONTEBELLO Los Angeles Co., Cal.—Until Aug. 15, 7:30 P. M., bids will be received by Montebello Union School District of Los Angeles County for construction of a school building to be known as the Moore school, located on kindergarten school at the corner of Northside Drive and Eastside Drive. Plans may be ob-

tained at the office of Howard G. Ellwell, architect, 803 Architects Bldg. Los Angeles, upon deposit of \$10.

## Sub-Contracts Awarded

INDUSTRIAL ARTS BLDG.  
Contract Price, \$35,775  
BAKERSFIELD, Kern County, Calif.  
Emerson Grammar School.  
Industrial arts building and lavatories at Emerson School.  
Owner—Bakersfield Board of Education.  
Architect—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.  
Contractor—A. J. Hendricks, 613 19th Street, Bakersfield.  
Roofing—O. McNay, 1669 1/2 Chester.  
Plumbing—A. E. Abbott, 910 Monterey Street.  
Electric Wiring—Sam Fingerhut, 1815 M Street.  
Sheet Metal—W. H. McKenney, 2226 Oregon Drive.  
Lumber and Hardware—Bakersfield Sandstone Brick Co., 503 Sonora.  
Mill Work—Fresno Planing Mill, H and Monterey Streets.  
Painting—Pekham Foater, 4171 Madison Avenue.  
Lathing and Plastering—Chas. Conklin, 129 Pacific Street.  
All of Bakersfield.

## CONTRACT AWARDED

SAN FRANCISCO.—D. J. & T. Sullivan, 1940 Folsom St., awarded contract, at \$188, by the Dept. of Public Works, City Hall, for moving a bungalow from the former Sunshine school at Dolores St., between 17th and 15th Streets, to the Marshall School, and also awarded contract, at \$22, for moving two bungalows from the Sunshine School to the Laguna Honda School.

## Plans Completed

STOCKTON, Cal., Cost, \$25,000  
STOCKTON, San Joaquin Co., Calif.  
Sutter and Fourth Sts.  
One-story frame and brick veneer school building (5 classrooms, recreation room, principal's office, lavatories, etc.), wood sash, composition roof, linoleum halls, Oregon pine classroom floors, insulated roof, etc.

Owner—Grant Grammar School District.  
Architect—Joseph Losekann, 1023 N. Madison St. and J. N. Cloudsley, Exchange Bldg., Stockton.  
Structural Engineer—Ernest D. Francis, Cronan Bldg., Sacramento.  
Plans are awaiting approval of the school board, which meets next Tuesday.

## Completing Plans

SHOP UNIT Cost, \$.....  
MODESTO, Stanislaus Co., Calif.  
One-story reinforced concrete and steel frame shop addition to the Modesto Junior College; stucco walls, composition roof, sheet metal siding.  
Owner—Modesto City School Board of Education.  
Architect—John J. Donovan, 950 Parker St., Berkeley.  
General bids will be asked about next Monday.

KERN COUNTY, Cal. Mountain View School.  
Additions and alterations to school.

Owner—Mountain View School Dist.  
Architect—Chas. H. Biggar, 554 Harberfelde Bldg., Bakersfield.  
Contractor—L. H. Hansen & Son, 934 Safford St., Fresno.  
Roofing—Kern County Roofing and Tile Co., 427 E 21st St., Bakersfield.  
Plumbing, Heating and Sheet Metal—L. S. Copes, 221 Imperial Avenue, Bakersfield.  
Iron Grille Work—Kyle & Co., 346 G St., Fresno.

Lumber—Bakersfield Sandstone Brick Co., 501 Sonora St., Bakersfield.  
Painting—Tabbot & Snyder, Bakersfield.  
Plastering—C. D. Conklin, 120 Pacific St., Bakersfield.  
Steel Rolling Doors—Forderer Corncor Works, 269 Potrero Ave., San Francisco.

## CONTRACT AWARDED

ROSEVILLE, Placer Co., Calif.—Sacramento Roofing & Insulation Service, 12th and North B St., at 147, awarded contract by the Board of Union High School District (W. W. Zell, Clerk), for re-roofing the main building of the Roseville Union High School.

Complete bids follow:  
Acme Roofing Co., Sacramento, \$462; Capital Roofing & Supply Co., Sacramento, \$433; Sacramento Roofing & Supply Co., Sacramento, \$497; Roof Service Co., Sacramento, \$538.52; F. A. Clark, Sacramento, \$624.50; Henry K. Glesse, Roseville, \$612; R. H. Eggert, Roseville, \$646.

## Plans Completed

SCHOOL Cost, \$12,000  
UPPER LAKE, Lake Co., Calif.  
One-story frame grammar school building (2 classrooms, library).  
Owner—Upper Lake School District.  
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
Plans will be completed in about three weeks.

Upper Lake Union School District voted bonds in the amount of \$12,000 to finance construction of school.

Bids will be asked in about one week.

## CONTRACT AWARDED

LOS ANGELES, Cal.—Hugh Riley, corner of Crescent Heights Blvd. and Orange St., awarded contract for the reconstruction of a two-story school building to a convent building in the 8000 block on Holloway Street, West Hollywood, for the Archdiocese of Los Angeles and St. Victor's Parish. George Verge, architect, 604 Beaux Arts Bldg., Los Angeles.

## Completing Plans

SCHOOL Cost, \$130,000  
BAKERSFIELD, Kern County, Calif.  
Baker and Niles Streets (Washington School).  
Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood interior finish.  
Owner—Bakersfield School District.  
Architect—Symmes & Willard; Stanton Willard, architect, 215 Harberfelde Bldg., Bakersfield.

A one-year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.  
It was reported in error July 22nd that these plans had been completed.

## Contracts Awarded

FRESNO, Calif.—Following contracts awarded July 22 by the City of Fresno School District, L. L. Smith, Secretary, for re-roofing school buildings:

Contracts awarded to Valley Lbr. Co., Room 62, Grant Bldg., San Jose:  
Columbia School ..... \$1,248.00  
Jackson ..... 923.00  
Jefferson ..... 829.50  
Kirk ..... 3,369.90  
Lincoln ..... 930.75  
Lowell ..... 1,845.00  
Tilden ..... 833.00  
Contracts awarded to C. E. McMullin Co., 1225 Broadway, Fresno:  
Adams School ..... \$ 790.40  
Emerson ..... 1,872.00

Bids Wanted—To Close August 2nd.

2.09 P. M.  
**COMPLETE GYM**  
**MODESTO, Stanislaus Co., Calif.**  
 Completion of the Roosevelt Elementary Gymnasium unit building on the site of the Roosevelt Elementary School.  
 Owner—Modesto Elementary School District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Plans and specifications may be obtained at the office of the Board of Education, Capitol School Building, 14th Street, between H and I Streets, Modesto, and in the office of the architect, John J. Donovan, 950 Parker Street, Berkeley, Calif.

**Bid Opening Date Postponed Until August 10, 4 P. M.**  
**HIGH SCHOOL.** Est. Cost, \$50,000. **WEAVERVILLE, Trinity Co., Calif.**  
 One-story frame and stucco high school building.  
 Owner—Trinity County High School District.  
 Architect—Masten & Hurd, 442 Post St., San Francisco.  
 Plans and specifications may be obtained from the office of the Secretary of the School Board, Weaverly, and from the Architect's office upon deposit of \$25.

Bids will be opened in the Secretary's office.  
 Following have taken out plans:  
 W. K. Van Bokkelen, 439 23rd St., Oakland.  
 H. J. Petersen, 731 Treat Avenue, San Francisco.  
 Empire Construction Co., Ltd., Russ Bldg., San Francisco.  
 Central Calif. Construction Co., 115 Burrows St., San Francisco.  
 Opening date postponed from July 9, 1937.

**Contracts Awarded**  
**HEATING SYSTEM, ETC.**  
**HILLSBOROUGH, San Mateo Co., Calif.**  
 Cont. Pr. \$12,290  
 Commence room for Hillsborough District School.  
 Owner—Hillsborough School District.  
 Architect—El Cerrito and Stonehedge Roads.  
 Hot water heating system and furnaces (Thomas H. Breeze, Clerk).  
 Engineers—Leland & Haley, 58 Sutter St., San Francisco.  
 Contractor—Alta Electric & Mechanical Co., Inc., 467 O'Farrell St., San Francisco.

**Complete bids follow:**  
 Alta Electric & Mechanical Co., Inc., San Francisco, \$12,290  
 O'Mara & Stewart, S. F., 12,944  
 Anderson & Rowe, S. F., 12,988  
 M. F. Reeves Heating Co., San Francisco, 13,740  
 The Frothers, S. F., 14,866  
 Harry Lee, Burlingame, 13,980  
 Cory & Joslin, 13,984  
 H. R. Park, Burlingame, 14,113  
 Carl Bessett, Burlingame, submitted only bid and was awarded separate contract at \$1,647, for furnace room.

**Sub-Contracts Awarded**  
**ADDITIONS AND ALTERATIONS**  
**Western Washington Custodial Sch. Owner—State of Washington.**  
 Architect—Graham & Painter, 1501 Dexter Horton Bldg., Seattle.

**BOND ELECTION**  
**ESCONDIDO, San Diego Co., Calif.**  
 Escondido Junior School District will vote on August 10 on a proposal to issue bonds in the sum of \$130,000, proceeds to be used to finance construction of two new units at the present elementary school at Maple and 3rd Ave., Escondido. Kistner & Curtis, architects, San Diego.

**BIDS REJECTED**  
**SANTA BARBARA, Calif.**—Santa Barbara Board of Education rejected

all bids received June 29 for construction of a kindergarten building at the Garfield School in Santa Barbara.

**LOW BIDDER**  
**WRIGHTWOOD, San Bernardino Co., Calif.**—L. P. Scherer, P.O. Box 423, Redlands, submitted low bid to Wrightwood Elementary School District July 22 for construction of a combination classroom-auditorium building at Wrightwood, San Bernardino county. Henry W. Howell, architect, Santa Barbara.

**BIDS REJECTED**  
**SAN FRANCISCO**—The Department of Public Works, City Hall, rejected all bids for moving the fuel oil tank at Gahelo High School, Bay St. and Van Ness Ave.  
 Love and Haun, 395 Collingwood Avenue, at \$600, submitted low bid.

**Plans Approved**  
**SCHOOL ADDITION** Cost, .....  
**CONTRA COSTA CO., near Pittsburg, Ambrose School District.**  
 Three additional classrooms and an auditorium for Ambrose School.  
 Owner—Ambrose School District.  
 Architect—Harold H. Weeks, 593 Market Street, San Francisco.  
 Ambrose School District voted bonds June 14 in the amount of \$18,000 to finance construction of school addition.  
 Bids will be asked shortly.

**Contract Awarded**  
**COMPLETE GYM** Cont. Price, \$31,970  
**OAKDALE, Stanislaus Co., Calif.**  
 Completion of the Oakdale Un. High School Gymnasium Unit.  
 Owner—Oakdale Union High School District.  
 Architect—J. R. Roberts, Seelye.  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.  
 Contractor—Willis F. Lynn, 1037 Ashmont Ave., Oakland.  
 Only other bid submitted by Swanson & Hilberg, at \$18,342.

**BIDS WANTED**  
**SONOMA, Calif.**—Until July 30, 3:30 P. M., bids will be received by the Sonoma School District, John J. Mohr, Clerk, for roofing the main building of the Sonoma Grammar School.  
 Specifications may be obtained from the office of the Clerk.

**Bond Election**  
**SCHOOL ADDITIONS** Cost, \$40,000  
**MADERA CO., Calif.**  
 Three classrooms and auditorium (storage capacity of 400), of frame and stucco construction; tile roof, new toilet facilities.  
 Owner—Riparian School District, Madera Co.  
 Architect—Prof. L. Swartz, Brix Bldg., Fresno.  
 Riparian School District will vote on August 6th on a proposal to issue bonds in the amount of \$40,000, proceeds to finance construction of work.

**Contract Awarded**  
**SCHOOL BLDG.** Cont. Pr. \$42,840  
**ATPURN, Placer Co., Calif.**  
 First unit of new Placer Junior College plant, consisting of a one-story building (6 classrooms).  
 Owner—Placer Junior High School District, Auburn.  
 Architect—Masten & Hurd, 442 Post St., San Francisco.  
 Contractor—Empire Const. Co., Ltd., Russ Bldg., San Francisco.  
 Complete bid follow:  
 Empire Const. Co., S. F., \$42,840  
 Central Calif. Const. Co., San Francisco, 46,350  
 Grant & Martinelli Const. Co., San Francisco, 46,195  
 J. C. Meyers, Siskiyou, 46,515  
 W. K. Van Bokkelen, Oakland, 46,699

W. C. Keating, Sacramento, 47,450  
 J. E. Branagh, Piedmont, 48,770  
 B. A. Howkins & Co., S. F., 47,600  
 Wm. Martin, San Francisco, 49,797

**Complete Bids**  
**ALTERATIONS** Cost, \$.....  
**BURLINGAME, San Mateo Co., Cal.**  
 Electrical wiring and installation of lighting fixtures in the McKinley and Roosevelt school buildings.  
 Owner—Burlingame Elementary Sch. District.  
 Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.  
 Low Bidder—Lynch Electric Co., 2080 Sutter St., San Francisco, \$4,786.  
 Complete bids follow:  
 Lynch Elec. Co., S. F., \$4,786  
 Lynn & Heffernan, S. F., 4,852  
 Abbot Electric Co., S. F., 5,518  
 Mausser El. Co., Burlingame, 5,563  
 Chas. A. Langlais, S. F., 5,800  
 Atlas Elec. Co., San Mateo, 7,435  
 Medley Elec. Co., Burlingame (McKinley School only), 4,592  
 Lynch Electric Co. failed to accompany bid with certified check of 10%; however, the District Attorney of San Mateo county ruled that their bid will be considered if said certified check be forwarded immediately.

**Bids Wanted—To Close August 12, 8 P. M.**  
**SCHOOL ADDITION** Cost, \$.....  
**CONTRA COSTA CO., near Pittsburg, Ambrose School District.**  
 Three additional classrooms and an auditorium for Ambrose School.  
 Owner—Ambrose School District.  
 Architect—Harold H. Weeks, 593 Market Street, San Francisco.  
 Ambrose School District voted bonds June 14 in the amount of \$18,000 to finance construction of school addition.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

**BIDS WANTED**  
**COALINGA, Calif.**—Until August 18, 7:30 p.m., bids will be received by the Coalinga High School District, T. H. Robinson, Secretary, 229 Fifth Street, Coalinga, for furnishing one single surfacer, completely ball and bearing, with sectional infeed roll, sectional chip breaker, 3-knife round cutter head complete with knives, and direct motor driven.  
 Specifications obtainable from the above office.

**BIDS WANTED**  
**MARYSVILLE, Yuba Co., Calif.**—Until August 9, 5 P. M., bids will be received by the Ella Elementary School District, W. G. Taylor, Clerk, for construction of a one-room addition to the present school house in the Olivehurst District of Yuba Co.  
 Plans and specifications on file in the office of the Superintendent of Schools at Marysville.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Max Rosenbergs, 58 Meritt St., at \$131,46, was awarded contract by the Dept. of Public Works, City Hall, for grading, tile, carpentry and concrete work at the Marina Jr. High School, corner of Fillmore and Bay Streets.

**BIDS WANTED**  
**MODESTO, Stanislaus Co., Calif.**—Until August 11, 2 p.m., bids will be received by the Modesto Elementary School District, E. F. Abbott, Secretary, for the construction of a fire escape at the Roosevelt School and the installation of direct steam radiation in the ten old classrooms at Lincoln School.  
 Plans and specifications on file at the office of the Board of Education on the Capitol School Building on Fairbank Street, between H and I

Streets, Modesto

### TO ASK BIDS SHORTLY

OAKLAND, Alameda Co., Calif.—Oakland Board of Education will have bids for the first part of August for demolition and removal of the Montclair school.

### BIDS OPENED

SAN FRANCISCO.—Arnie Iron Works, 49 Drumm St., San Francisco, at \$10, submitted only bid received by the Dept. of Public Works, Room 251, City Hall, for furnishing and installing No. 12 gauge galvanized steel plates with felt gaskets around smoke vent, with galvanized weathering pieces, in the auditorium over stage at Girls' High School, Geary and Scott Streets.

## 16—BANKS, STORES AND OFFICES

### Sub-Contracts Awarded

OFFICE BLDG. Cost, \$22,000  
STOCKTON, San Joaquin Co., Calif.  
908 East Scotts Avenue.

Schools—owner and office building.  
Owner—L. F. Grimsley, Inc., 1 South Aurora St., Stockton.

Architect—Not Given.  
Contractor—O. H. Chain, 41 S. Sutter St., Room 217, Stockton.

Roofing—Stockton Roofing Co., 736 N. Hunter.

Heating and Plumbing—Miller-Hays Co., 742 E. Weber Ave.

Electric Wiring—Franke Electric Co., 748 E. Weber Ave.

Tile Work—Trunkly & Kimberling.

Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.

Brick and Stone Work—R. Williams, Hotel Bronx.

Grading—L. Bassotti & Son, P. O. Box 557.

Concrete and Foundations—A. Sandberg, 405 W. Willow St.

Lumber—Electric Planing Mill, 545 S. Monroe.

All of Stockton unless otherwise noted.

### PLANS BEING FIGURED

RIVERSIDE, Riverside Co., Cal.—Capital Co., 613 S. Olive St., Los Angeles, is taking bids for a new reinforced concrete bank building, 60x100 ft. in area, to be built on the NW corner of Main and Ninth Sts., Riverside for the Bank of America.

General contract will include wrecking of building now on the site.

Sub-Contracts Awarded  
STORE BLDG. Cost, Price, \$35,956  
VALLEJO, Solano Co., Calif.

One-story reinforced concrete store building (10 stores) steel frame, steel deck, composition roof, tile and plate glass front, etc.

Owner—A. J. Higgins, Vallejo.

Architect—Anas, E. J. Rogers, Phoenix, Ariz.

Contractor—E. J. Watson, 928 Louisiana St., Vallejo.

Roofing—The Roofing Co., 726 N. Hunter St.

Plumbing—Robert Moore, 718 Sonoma Street.

Sheet Metal—The Sheet Metal Works, 615 Florida St.

Grading—J. Dillman.

Lumber and Mill Work—Vallejo Lbr. Co., P. O. Box 815.

Painting—Eureka Paint Co., 521 Marin Street.

Concrete—W. A. & W. 515 E. Douglas St., Vallejo.

All of Vallejo.

### CONTRACT AWARDED

LOS ANGELES, Cal.—E. J. Twiss Co., 816 W. 8th St., awarded contract for the construction of a three-story and basement reinforced concrete Class A building, 120 ft. in area, on Los Angeles St., south of Al-

St., for Chas. R. Hadley Co. Work also includes remodeling the existing building at 339 N. Los Angeles St. Albert C. Martin, architect, 233 Higgins Bldg.

Contract Awarded  
STORE BLDG. Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
27 S. 1st St.

One-story concrete, steel and frame store building (131 x 26).

Owner—F. W. Woolworth Co.  
Plans by Eng. Dept. of Owner.  
Contractor—Bridges Construction Co., 1398 Lincoln Ave., San Jose.

Plans Completed  
OFFICE BLDG. Cost, \$20,000  
MODESTO, Stanislaus Co., Calif.  
Twelfth Street.

One-story reinforced concrete office building, five roof.

Owner—T. B. Scott, c/o Architect.  
Architect—G. N. Hilburn, 1213 J St., Modesto.

Plans will be figured by a selected list of contractors.

### PLANS BEING FIGURED

CULVER CITY, Los Angeles Co., Cal.—The following contractors have been invited by the Metro-Goldwyn-Mayer Studios, 10202 Washington Blvd., Culver City, to submit general bids for an office building to be built on Grant St., Culver City, for the studios: Baruch Corp., 625 S. Olive St.; Austin Co., 777 E. Washington Blvd.; Myers Bros., 3407 San Fernando Road; F. E. Potts, 1 Chester Place; Pozzo Const. Co., 2403 Riverside Dr.; Lindgren & Swinerton, 605 W. Olympic Blvd.; Geo. J. Fuller Co., 408 S. Spring St.; Wm. Simpson Const. Co., 816 W. 5th St.

Bids will be opened about Aug. 15. The building will be an H-shaped structure with a central wing, extreme dimensions 343x215 ft., and will be part 3- and part 4-stories in height. It will be of steel frame construction with concrete walls, fully air conditioned, and will have a floor area of about 115,000 sq. ft. Estimated cost, \$750,000. As previously reported, structural steel for the bldg., amounting to about 450 tons, will be furnished and erected by Consolidated Steel Corp., Grand Beekman, architect, 1019 Union Bank Bldg., Los Angeles.

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San Francisco.  
Structural Steel—Fair Mfg. Co., 617 Bryant St., San Francisco.  
Terra Cotta—N. Clark & Sons, 116 Natoma St., San Francisco.  
Roofing—Crown Roof Co., 1911 East 12th St., Oakland.

Plastering—Wm. Makin, 2141 Livingston St., Oakland.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Ornamental Iron and Aluminum Metal Work—Kawneer Mfg. Co., Eighth and Dwight Way, Berkeley.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Plumbing—The Scott Co., 113 Tenth St., Oakland.

Painting—Raphaël Co., 270 Tehama St., San Francisco.

Trusses—Summerbell Truss Co., 405 Builders' Exchange Bldg., Oakland.

Finish Hardware—Palace Hardware Co., 581 Market St., San Francisco.

Construction Underway  
MEDICAL BLDG. Cost, \$.....  
EMERY, Palms Co., Calif. Corner East and Maple Sts.

One-story medical building, office, surgery room, X-ray room, laboratory, etc.

Owner—Dr. Ray Cronmiller, Excelsior.  
Architect—Not Given.  
Director of Construction—T. B. Runciman.

Planned  
BUSINESS BLDG. Cost, \$75,000  
EUREKA, Humboldt Co., Calif. 4th and F Sts.

New business building.

Owner—Mid-City Investment Company (William M. Patch, Representative).

Architect—Newton Ackerman, 4th & Commercial Sts., Eureka.

Contract Awarded  
ALTERATIONS Cost, \$5,000  
SAN FRANCISCO 100 Powell St.

Alterations to store building.

Owner—Ed Selig, 16 Market Street.  
Architect—Not Given.  
Contractor—Fred W. Schell, 666 Mission Street.

CONTRACT AWARDED  
NEAR BISHOP, Inyo Co., Calif.—Hugh W. Lockart, 435 H. W. Hillman Bldg., Los Angeles, awarded contract for construction of a group of buildings at the Pine Creek mine, 50 mi. north of Bishop, for the U. S. Vanadium Corp. Cost, \$50,000.

Contract Awarded  
STORE BLDG. Cost, \$34,000  
FRESNO, Fresno Co., Cal. 1415 Fulton Street.

Store building.

Owner—Aram Saroyan, 1405 N. Van Ness St., Fresno.

Architect—Not Given.  
Contractor—Fisher & McNulty, 323-328 Cory Bldg., Fresno

CONTRACT AWARDED  
LOS ANGELES, Calif.—C. Ralph Sentney, 9119 Sunset Blvd., will build a 3-story shop and office building, 50x90 ft., at 9032 Sunset Blvd., for Crosby Investment Corp. Cost, \$60,000.

BIDS RECEIVED  
VERNON, Los Angeles Co., Calif.—Architect Wm. E. Mayer, 809 W. 3rd St., has taken bids for two class A reinforced concrete buildings to be built at 5610 Soto St., Vernon, for Lane-Weiss Co. One will be a 3-story and basement administration building and the other a 1-story instrument building.

Contract Awarded  
ALTERATIONS Est. Cost, \$25,000



REDWOOD CITY, San Mateo Co., Calif., 2303 Broadway.  
**One-story reinforced concrete and frame addition (40x50-ft.) and alterations to California Pacific Title & Trust Co. Bldg.**  
 Owner—California Pacific Title and Trust Co. (P. J. Hallinan, Mgr.)  
 Architect—Capt. E. L. Norberg, 380 Market St., San Francisco.  
 Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.  
 It was previously announced this contract had been awarded H. H. Larsen of San Francisco.

**PREPARING WORKING DRAWINGS**

LOS ANGELES CO., Calif.—C. L. Peck, 354 S. Spring St., will build the new Class A addition to the Broadway Department Store's building at the corner of Hollywood Blvd. and Vine St., construction to start shortly after February 1, 1938. All work will be done under Mr. Peck's supervision, including mechanical work and demolition of building on site. The new unit will be at least 5-stories in height, possibly 6 stories, with basement and sub basement, and will cover an area of 50x150 ft. John and Donald B. Parkinson, 808 Title Insurance Bldg., are the architects and have just started the preparation of working plans.

**PLANS BEING FIGURED**

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Southern California Telephone Co., 749 S. Olive St., is taking general contract bids for a new 2-story, steel frame building to be built at 11272 Magnolia Blvd., North Hollywood, for the company. Plans were prepared by the owner's engineering department, Pacific Iron & Steel Co., 11633 S. Alameda St., has the contract at \$41,000 for the structural steel.

**Sub Contracts Awarded**  
**STORE & OFFICE** Cost, \$.....  
 VALLEJO, Solano Co., Calif. Capital St.

Remodel existing two-story building to accommodate three stores on first floor and law offices on second.

Owner—City Attorney Russell F. O'Hara, Vallejo.

Architect—Frederick H. Kelmers, 233 Post St., San Francisco.

Contractor—James Bitcon, 628 Louisiana St., Vallejo.

Roofing—Pacific Roofing Co., 627 Capital St.

Plumbing & Hardware—R. G. Winchell, Box 495.

Heating & Sheet Metal—Claus Sheet Metal Works, 615 Florida St.

Glass, Lumber & Mill Work—Vallejo Lumber Co., 229 Main St.

Foundations & Concrete—J. K. Moore Co., 515 El Dorado St.

Lineoleum—United Floor Covering Co. All of Vallejo.

**COMPLETING PLANS**  
 HUNTINGTON PARK, Los Angeles Co., Calif.—Architects Norstrom & Anderson, 424 Insurance Exchange Bldg., are completing plans for a 1-story brick and reinforced concrete store building to be built at 6413-19 Pacific Blvd., Huntington Park, for Allied Properties. Cost, \$50,000. The owners will take bids.

**Contract Awarded**  
**ALTERATIONS** Cont. Pr., \$8,576  
 SAN FRANCISCO, 1235 Mission St. (bet. 8th and 9th Sts., extending to minna St.; formerly Mangrum-Holbrook Bldg.)

General alterations to store building. Owner—C. W. Marwedel, 1235 Mission Street.  
 Architect and Engineer—J. E. Kraft & Sons, Phelan Building.

Contractor—Fred K. DuPuy, 110 Sutter Street.

**Bids to—Held Under Advertisment.**  
**ALTER STORE** Cost, \$.....  
 SAN JOSE, Santa Clara Co., Calif., San Fernando Street.  
 Alter store building.  
 Owner—Robt. Denson, c/o architect.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

**Contract Awarded**  
**ALTERATIONS** Cont. Price, \$3,517  
 SANTA ROSA, Sonoma Co., Calif., Fourth and Hinton Aves.

Alterations to four offices in store and office building.

Owner—M Goldman, Santa Rosa.  
 Architect—Clarence Caukins, Rosenberg Bldg., Santa Rosa.

Contractor—Karl Pettersen, 500 4th Street, Santa Rosa.

As previously reported, William Rapp, 1413 17th St., Santa Rosa, was awarded contract to repair roof.

**17—THEATRES**

**Contract Awarded**  
**ALTER THEATRE** Cost, \$6,500  
 SAN FRANCISCO, 1125 Market St. Alterations to theatre building.  
 Owner—E. B. De Golia, 206 Sansome St.

Architect—W. P. Day, Financial Center Bldg.

Contractor Cahill Bros., 206 Sansome St.

**18—WHARVES & DOCKS**

**Sub-Contracts Awarded**  
**WHARF & BLDG.** Cont. Pr., \$90,184  
 SAN FRANCISCO, Piers 35 and 37.

Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacked pile foundations, asphaltic pavement on timber decks, composition roof steel rolling doors, electrical work. All work included in general contract.

Owner—State of California (Board of Harbor Commissioners), Ferry Building.

Engineer—Frank G. White, Ferry Building

Contractor—Monson Bros., 475 Sixth Street.

**Piling—Hedy Tibbitt; Const. Co., 64 Pine Street.**

**Reinforcing Steel—South Steel Company, 1730 Army St.**

**19—MISC. CONSTRUCTION**

**BIDS WANTED**  
**HICKAM FIELD T H—** Until August 25, 1:30 p.m. Bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, and at 11 a.m. by the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W-397-38-3, for the construction and completion of concrete warming-up aprons, Hickam Field, T. H.

Contractors may submit their bids to either of the above offices, but not to both.  
 Plans and specifications may be obtained from the above offices upon deposit of \$10.

**WORK TO START**

**FILMORE,** Ventura Co., Calif.—Joe Scanlon, Supt. of the Texaco Oil Co.'s refinery, reports that work on construction of a 37,500-bbl. gasoline tank at the company's refinery will start this week. The cost will amount to about \$30,000 and will include the demolition of the old wax plant.

**CONTRACT AWARDED**  
**PUGET SOUND,** Wash.—E. J. Bartels, 1212 6th Ave., S. Seattle, Wash., at \$17,496, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. 9398, for rebuilding hoiler settings, Puget Sound.

**APPLICATION MADE**  
**YUMA,** Ariz.—Application has been made by the Nevada-California Elec. Corp. for War Dept. approval of plans for an aerial telephone line across Colorado River downstream from existing highway bridge at Yuma, Ariz. The line consists of 5 bare copper wires with span of 516 feet between wood pole supports and minimum vertical clearance of 37 feet above present average high water surface of the river. Drawing showing the location and plan of the proposed work may be seen at the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles, until 11 a.m., July 30.

**Additional Sub-Contracts Awarded**  
**MORTUARY** Est. Cost, \$100,000  
 SAN FRANCISCO, Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five slumber rooms, four operating rooms), wood floors and partitions, oil-burning hot air conditioning system, composition roof, tile wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.

Owner—Chevra Kadisha 1117 Buchanan Street.

Architect—Hyman and Appleton, 68 Post Street.

Contractor—Jacks & Irvine, 620 Market Street.

**Miscellaneous and Ornamental Iron—** Industrial Ornamental Iron, Broeze & Wire Works, 552 Noe.

**Plastering—G. H. Martmell & Co., 656 Mission St.**  
**Elevator—Otis Elevator Co., 1 Beach.**

**Work Indefinitely Postponed**  
**PAVILION** Cost, \$.....  
 HILLSBOROUGH, San Mateo Co., Calif. Caroland.

One-story frame pavilion with lead-clad roof.

Owner—Walter Foster, c/o architect.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco.

**CONTRACTS AWARDED**  
**SACRAMENTO,** Calif.—Following contracts awarded by the State Dept. of Public Works, for removal of 18 houses from 5th Avenue, to Santa Cruz Way and to 4th St., preparatory to widening 5th Avenue:

Henry Finnigan, 174 4th St., \$11,886  
 L. F. Gould, Sacramento, \$6,087.20  
 Joseph Pedone, Sacramento, \$917.40

**Contract Awarded**  
**CHIMNEY** Cost, \$.....  
 AYO, Contra Costa Co., Calif.

185-foot chimney to replace steel stacks at brick house.

Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.

Plans by Engineering Department of Owner.

Contractor—C. C. Moore & Co., 450 Mission St., San Francisco.

Work was sub let to the Alphonso Custodis Company, Chicago.

**BIDS WANTED**  
**LOS ANGELES,** Cal.—Until Aug. 3, 3 P. M. (postponed from Aug. 4) bids will be received by U. S. Engineer, Los Angeles, for 40,000 cu. ft. acetylene and 80,000 cu. ft. oxygen, Fire Prop. 9.

Streets, Modesto

### TO ASK BIDS SHORTLY

**OAKLAND, Alameda Co., Calif.**—Oakland Board of Education will invite bids the first part of August for demolition and removal of the Montclair School.

### BIDS OPENED

**SAN FRANCISCO**—Arnie Iron Works, 79 Brannan St., San Francisco, at \$120, submitted only bid received by the Dept. of Public Works, Room 251, City Hall, for furnishing and installing No. 12 gauge galvanized steel plates with felt gaskets around smoke vent, with galvanized weathering pieces, in the auditorium over stage at Girls' High School, Geary and Scott Streets.

### 16—BANKS, STORES AND OFFICES

**Sub-Contracts Awarded**  
**OFFICE BLDG.** Cost, \$22,000  
STOCKTON, San Joaquin Co., Calif., 908 East Scotts Avenue.

Sub. room and office building.  
Owner—L. F. Grimsby, Inc., 1 South Aurora St., Stockton.  
Architect—Not Given.  
Contractor—O. H. Chain, 41 S. Sutter St., Room 217, Stockton.

**Roofing**—Stockton Roofing Co., 736 N. Hunter.

**Heating and Plumbing**—Miller-Hays Co., 742 E. Weber Ave.  
**Electric Wiring**—Frankie Electric Co., 748 E. Weber Ave.

**Tile Work**—Franky & Kimberling.  
**Glass**—W. P. Fuller & Co., 301 Mission St., San Francisco.  
**Brick and Stone Work**—B. Williams, Hotel Bronx.

**Grading**—L. Basotti & Son, P. O. Box 387.

**Concrete and Foundations**—A. Sandberg, 405 W. Willow St.

**Lumber**—Electric Planing Mill, 545 N. Monroe.

All of Stockton unless otherwise noted.

### PLANS BEING FIGURED

**INVERSIDALE, Riverside Co., Cal.**—Capital Co., 643 S. Olive St., Los Angeles, is taking bids for a new reinforced concrete bank building, 60x100 ft. in area, to be built on the NW corner of Main and Ninth Sts., Riverside, for the Bank of America. General contract will include wrecking of building now on the site.

**Sub-Contracts Awarded**  
**STORE BLDG.** Cost, \$35,956  
VALLEJO, Solano Co., Calif.

One-story reinforced concrete store building (40 stores) steel frame, steel sash, composition roof, tile and plate glass front, etc.

Owner—A. J. Higgins, Vallejo.  
Architect—Chas. E. J. Rogers, Phoenix Bldg., San Francisco.  
Contractor—James Eaton, 626 Louisiana St., Vallejo.

**Roofing**—T. H. Roofing Co., 726 N. Hunter St.

**Plumbing**—Robert Moore, 718 Sonoma Street.

**Sheet Metal**—Chas. Sheet Metal Works, 615 Florida St.

**Grading**—Roy Hollison.

**Lumber and Mill Work**—Vallejo Lbr Co., P. O. Box 815.

**Painting**—Earnevitz Paint Co., 521 Maria Street.

**Concrete**—J. A. Moore Co., 515 El Dorado St.

All of Vallejo.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—F. J. Twiss Co., 316 W. 5th St., awarded contract for the construction of a three-story and basement reinforced concrete Class A building, 55x121 ft. in area, on Los Angeles St., south of Aliso

St., for Chas. R. Hadley Co. Work also includes remodeling the existing building at 330 N. Los Angeles St. Albert C. Martin, architect, 233 Higgins Bldg.

**Contract Awarded**  
**STORE BLDG.** Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif., 27 S. 1st St.

One-story concrete, steel and frame store building (131 x 26).

Owner—F. W. Woolworth Co. Plans by Eng. Dept. of Owner.  
Contractor—Bridges Construction Co., 1238 Lincoln Ave., San Jose.

**Plans Completed**  
**OFFICE BLDG.** Cost, \$20,000  
MODESTO, Stanislaus Co., Calif., Twelfth Street.

One-story reinforced concrete office building, tile roof.

Owner—T. B. Scott, c/o Architect.  
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans will be figured by a selected list of contractors.

### PLANS BEING FIGURED

**CULVER CITY, Los Angeles Co., Cal.**—The following contractors have been invited by the Metro-Goldwyn-Mayer Studios, 10202 Washington Blvd., Culver City, to submit general bids for an office building to be built on Grant St., Culver City, for the studios: Baruch Corp., 625 S. Olive St.; Austin Co., 777 E. Washington Blvd.; Myers Bros., 3407 San Fernando Road; F. E. Potts, 1 Chester Place; Pozzo Const. Co., 2403 Riverside Dr.; Lindgren & Swinerton, 665 W. Olympic Blvd.; Geo. J. Fuller Co., 408 S. Spring St.; Wm. Simpson Const. Co., 316 W. 5th St.

Bids will be opened about Aug. 15. The building will be an H-shaped structure with a central wing, extreme dimensions 343x215 ft., and will be part 3 and part 4—stores in height. It will be of steel frame construction with concrete walls, fully air conditioned, and will have a floor area of about 115,000 sq. ft. Estimated cost, \$750,000. As previously reported, structural steel for the building amounting to about 450 tons, will be furnished and erected by Consolidated Steel Corp. Claud Beelman, architect, 1019 Union Bank Bldg., Los Angeles.

**Planned**  
**CAFE.** Cost, \$18,000  
SAN RAFAEL, Marin Co., Calif., nr. south end of Richardson Bay Bridge.

Restaurant, tavern and dance hall.  
Owner—Henry Brummer and Rudolph Bush, San Francisco.  
Architect—Not selected.

### PLANS BEING FIGURED

**LOS ANGELES, Calif.**—The Bank of America, 515 S. Olive St., is taking bids for remodeling a building at 7th and Central Sts. for themselves, Norstrom & Anderson, architects, Los Angeles.

**Sub-Contracts Awarded**  
**STORE BLDG.** Cost, \$r. \$48,820  
OAKLAND, Alameda Co., Calif., 1940 Broadway.

One-story Class B store building (100 x 125 feet) masonry walls, Sumnerwell single span roof.

Owner—Warner Bros. Pictures, Inc., 6125 Hollywood Blvd., Los Angeles.  
Architect—B. Marcus Pfeiffer and S. E. Buchsenschutz, 417 West 7th St., Los Angeles.

Contractor—B. A. Hawkins and Co., 1082 Market St., San Francisco.

**Excavations**—J. Catucci, 1212 18th Ave., Oakland.

**Reinforcing Steel**—W. S. Wettenhall Co., 17th and Wisconsin Streets,

San Francisco.  
**Structural Steel**—Fair Mfg. Co., 617 Bryant St., San Francisco.

**Terra Cotta**—N. Clark & Sons, 116 Natoma St., San Francisco.

**Roofing**—Crown Roof Co., 1911 East 12th St., Oakland.

**Plastering**—Wm. Makin, 2141 Livingstone St., Oakland.

**Mill Work**—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

**Ornamental Iron and Aluminate Metal**—Kawneer Mfg. Co., Eighth and Dwight Way, Berkeley.

**Glass**—V. P. Fuller & Co., 301 Mission St., San Francisco.

**Plumbing**—The Scott Co., 113 Tenth St., Oakland.

**Painting**—Raphel Co., 270 Tehama St., San Francisco.

**Trusses**—Summerbell Truss Co., 405 Builders' Exchange Bldg., Oakland.

**Finish Hardware**—Palace Hardware Co., 581 Market St., San Francisco.

**Construction Underway**  
**MEDICAL BLDG.** Cost, \$.....  
EXETER, Tulare Co., Calif. Corner East and Maple Sts.

One-story masonry building, office, surgery room, X-ray room, laboratory, etc.

Owner—Dr. Ray Cronemiller, Exeter.  
Architect—Not Given.

Director of Construction—T. B. Runciman.

**Planned**  
**BUSINESS BLDG.** Cost, \$75,000  
EUREKA, Humboldt Co., Calif., 4th and F Sts.

New business building.

Owner—Mid-City Investment Company (William M. Patch, Representative).

Architect—Newton Ackerman, 4th & Commercial Sts., Eureka.

**Contract Awarded**  
**ALTERATIONS.** Cost, \$5,000  
SAN FRANCISCO, 100 Powell St.

Alterations in store building, office.  
Architect—Ed Selig, 16 Market Street.

Contractor—Fred W. Schell, 666 Mission Street.

**CONTRACT AWARDED**  
**DIAMOND BISHOP, Inyo Co., Calif.**—Hugh W. Lockart, 435 H. W. Holman Bldg., Los Angeles, awarded contract for construction of a group of buildings at the Pine Creek mine, 50 mi. north of Bishop, for the U. S. Vanadium Corp. Cost, \$50,000.

**Contract Awarded**  
**STORE BLDG.** Cost, \$34,000  
FRESNO, Fresno Co., Cal., 1415 Fulton Street.

Store building.

Owner—Aram Saroyan, 1405 N. Van Ness St., Fresno.

Architect—Not Given.

Contractor—Foster & McNulty, 328-328 Cory Bldg., Fresno

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—C. Ralph

Sentney, 9119 Sunset Blvd., will build a 3-story shop and office building, 50x90 ft. at 9022 Sunset Blvd., for Crosby Investment Corp. Cost, \$60,000.

**BIDS RECEIVED**  
**VERNON, Los Angeles Co., Calif.**—Architect Wm. E. Mayer, 809 W. 7th St., has taken bids for two class A reinforced concrete buildings to be built at 5610 Soto St., Vernon, for Lane-Wells Co. One will be a 3-story and basement administration building and the other a 1-story instrument building.

**Contract Awarded**  
**ALTERATIONS.** Est. Cost, \$25,000

REDWOOD CITY, San Mateo Co., Calif. 2303 Broadway.

One-story reinforced concrete and frame addition (40x50-ft.) and alterations to California Pacific Title & Trust Co. Bldg.

Owner—California Pacific Title and Trust Co. (T. J. Hallinan, Mgr.) Architect—Capt. E. L. Norberg, 380 Market St., San Francisco.

Contractor—G. W. Williams Co., 313 Primrose Road, Burlingame. It was previously announced this contract had been awarded H. H. Larsen of San Francisco.

#### PREPARING WORKING

##### DRAWINGS

LOS ANGELES CO., Calif.—C. L. Peck, 354 S. Spring St., will build the new Class A addition to the Broadway Department Store's building at the corner of Hollywood Blvd. and Vine St., construction to start shortly after February 1, 1935. All work will be done under Mr. Peck's supervision, including mechanical work and demolition of building on site. The new unit will be at least 5-stories in height, possibly 6 stories, with basement and sub-basement, and will cover an area of 50x150 ft. John and Donald B. Parkinson, 808 Title Insurance Bldg., are the architects and have just started the preparation of working plans.

#### PLANS BEING FIGURED

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Southern California Telephone Co., 740 S. Olive St., is taking general contract bids for a new 2-story, steel frame building to be built at 11272 Magnolia Blvd., North Hollywood, for the company. Plans were prepared by the owner's engineering department. Pacific Iron & Steel Co., 11633 S. Alameda St., has the contract at \$14,690 for the structural steel.

#### Sub Contracts Awarded

STOVE OFFICE Cost, \$..... VALLIJO, Solano Co., Calif. Capitol St.

Remodel existing two-story building to accommodate three stores on first floor and law offices on second.

Owner—Ray Attorney Russell F. O'Hara, Vallejo.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Contractor—James Bitcon, 623 Louisiana St., Vallejo.

Roofing—Pacific Roofing Co., 527 Capital St.

Plumbing & Hardware—R. G. Winchell, Box 495.

Heating & Sheet Metal—Claus Sheet Metal Works, 615 Florida St.

Glass, Lumber & Mill Work—Vallejo Glass Co., 599 Marlin St.

Foundations & Concrete—J. K. Moore Co., 515 El Dorado St.

Litening—United Floor Covering Co., All of Vallejo.

#### COMPLETING PLANS

HUNTINGTON PARK, Los Angeles Co., Calif.—Architects Norstrom & Anderson, 24 Insurance Exchange Bldg., are completing plans for a 1-story brick and reinforced concrete store building to be built at 6413-19 Pacific Blvd., Huntington Park, for Allied Properties. Cost, \$50,000. The owners will take bids.

#### Contract Awarded

ALTERATIONS Cont. Pr., \$8,576 SAN FRANCISCO 1235 Mission St. (bet. 8th and 9th Sts., extending to Minna St., formerly Mangrum-Hobcock Bldg.)

General alterations to store building. Owner—C. W. Marwedel, 1225 Mission Street.

Architect and Engineer—J. E. Kraft & Sons, Phelan Building.

Contractor—Fred K. DuPuy, 110 Sutter Street

#### Bids In—Held Under Advisement.

ALTER STORE Cost, \$..... SAN JOSE, Santa Clara Co., Calif. San Fernando Street.

Alter store building. Owner—Robt. Denson, c/o architect. Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

#### Contract Awarded

ALTERATIONS Cont. Price, \$3,517 SANTA ROSA, Sonoma Co., Calif. Fourth and Hinton Aves.

Alterations to four offices in store and office building.

Owner—M. Goldman, Santa Rosa. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Karl Petersen, 500 4th Street, Santa Rosa.

As previously reported, William Rapp, 1413 17th St., Santa Rosa, was awarded contract to repair roof.

## 17— THEATRES

#### Contract Awarded

ALTER THEATRE Cost, \$6,500 SAN FRANCISCO 1125 Market St. Alterations to theatre building.

Owner—E. B. De Golia, 206 Sansome St.

Architect—W. P. Day, Financial Center Bldg.

Contractor—Cahill Bros., 206 Sansome St.

## 18— WHARVES & DOCKS

#### Sub-Contracts Awarded

WHARF & BLDG. Cont. Pr., \$90,184 SAN FRANCISCO Piers 35 and 37.

Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacketed pile foundations, asphaltic pavement on timber decks, composition roof steel railing, doors, electrical work. All work included in general contract.

Owner—State of California (Board of Harbor Commissioners), Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—Monson Bros., 475 Sixth Street.

Piling—Healy-Thibblits Const. Co., 64 Pine Street.

Reinforcing Steel—Soule Steel Company, 1750 Army St.

## 19— MISC. CONSTRUCTION

#### BIDS WANTED

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Plans and specifications may be obtained from the above offices upon deposit of \$10.

#### WORK TO START

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#### CONTRACT AWARDED

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#### APPLICATION MADE

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Additional Sub-Contracts Awarded MORTUARY Est. Cost, \$100,000 SAN FRANCISCO Divisadero and Geary Streets.

Two-story Class C reinforced concrete mortuary bldg. (two chapels, five slumber rooms, four operating rooms), wood floors and partitions, oil-burning hot air conditioning system, composition roof, tile wainscot floors and walls in operating rooms, acoustical plastering in chapels, pipe organ, etc.

Owner—Chevra Kadisha, 1117 Buchanan Street.

Architect—Hyman and Appleton, 68 Post Street.

Contractor—Jacks & Irvine, 620 Market Street.

Miscellaneous and Ornamental Iron—Industrial Ornamental Iron, Bronze & Wire Works, 552 No. Plastering—G. H. Martinell & Co., 666 Mission St.

Elevator—Otis Elevator Co., 1 Beach.

#### Work Indefinitely Postponed

PAVILION Cost, \$..... HILLSBOROUGH, San Mateo Co., Calif. Caroland.

One-story frame pavilion with lead-clad roof.

Owner—Walter Foster, c/o architect. Architect—Angus McSweeney, 604 Mission St., San Francisco.

#### CONTRACTS AWARDED

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#### Contract Awarded

CHIMNEY Cost, \$..... AVON, Contra Costa Co., Calif. 185-foot chimney to replace steel stacks at boilerhouse.

Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.

Plans by Engineering Department of Owner

Contractor—C. C. Moore & Co., 450 Mission St., San Francisco.

Work was sub let to the Alphonso Custodis Company, Chicago.

#### BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 3, 3 P. M. (postponed from Aug. 4) bids will be received by U. S. Engineer, Los Angeles, for 40,000 cu. ft. acetylene and 80,000 cu. ft. oxygen. Circ. Prop. 9.

**Contract Awarded**  
OIL HEATERS  
OLEUM Contra Costa Co., Calif.  
Cost, \$280,000  
Consists of installation of three oil heaters at the Oleum plant; two heavy and one light.

Owner—Union Oil Co., 220 Montgomery St., San Francisco.  
Plans by Engineering Department of Owner.

Contractor—Alcorn Combustion Co., Merchants Exchange Bldg., San Francisco.

**CONTRACT AWARDED**  
STOCKTON, San Joaquin Co., Cal.  
—O. H. Chain, 41 S. Sutter Street, Stockton, at \$8,621, was awarded contract by the Stockton Port District for the Partial re-roofing of Transit Shed 3, located at the Deep Draft Terminal, Stockton. Alternate (a) adding per sq. ft.; Alternate (b) deducting.

Total bids follow—  
O. H. Chain, 41 S. Sutter Street, Stockton—(a) \$0.31, (b) \$0.26; total, \$8,621.

George Roek, Stockton—(a) \$2.15, (b) \$1.31; total, \$8,990.  
J. C. Meyers, Stockton—(a) \$3, (b) \$2.6, total, \$9,854.

**BIDS WANTED**  
MODOC AND LASSEN COS., Cal.  
—Until August 2nd, 4 p. m., bids will be received by Chief Engineer Allan Sickler, of the Surprise Valley Electric Cooperative, Alturas, for the construction of about 350 miles transmission and distribution line.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**  
SANTA MONICA, Los Angeles Co., Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, awarded contract for furnishing and erecting approximately 740 tons of structural steel for the final assembly unit (200 x 600 ft.) at the Douglas Aircraft Co. plant, 3000 Ocean Park Blvd., Santa Monica. Bids for the concrete floor, footings and retaining wall will be taken about the first of next week from a selected list of contractors. Edward C. and Ellis W. Taylor, architects and engineers, 503 W 3rd St., Los Angeles.

**CONTRACT AWARDED**  
SANTA MONICA, Los Angeles Co., Cal.—Consolidated Steel Corp., 5700 S. Eastern Ave., Los Angeles, awarded contract for structural steel for an additional mezzanine, 32x150 ft. in area, to be constructed at Douglas Aircraft Company plant in Santa Monica. Edward C. and Ellis W. Taylor, architects and engineers.

Preparing Working Drawings  
ALTERATIONS & ADDITIONS  
Cost, \$25,000

SAN FRANCISCO  
Alterations and additions to a mortuary.

Contract Withheld  
Architect—Charles T. Kott, 519 California St.

Upon completion of plans, sub bids will be taken.

**BIDS OPENED**  
SAN FRANCISCO  
SAN FRANCISCO—Anchor Post Frame Co., 100 Fifth Street, San Francisco, at \$200,000, submitted bids for the Pacific Public Wks., Room 251, for the construction of a wire mesh floor and a 48-in. main sewer line. Bids will be opened Sept. 14. Other bids were: \$210,000—C. C. \$218.46, and Wilder & Co., \$394.50.

## 20—MISC. SUPPLIES AND MATERIALS

**BIDS WANTED**  
GLENDALE, Los Angeles Co., Cal.

—Until Aug. 5, 10 a. m., bids will be received by Glendale city council for furnishing lead-covered cable, as follows:

- (1) 10,000 ft. single conductor No. 2/0 AWG;
- (2) 10,000 ft. same No. 2 AWG;
- (3) 10,000 ft. same No. 4 AWG;
- (4) 10,000 ft. No. 8 same 9/32-in. varnished cambric insulation;
- (5) 2,500 ft. No. 8 same, 9/64-in. varnished cambric insulation;
- (6) 4,000 ft. 3-conductor, No. 2 AWG lead-covered cable.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**  
LOS ANGELES, Calif.—Bids for two 5-ton, 2-hoist heavy duty traveling electric cranes, Spec. 2659, opened by Los Angeles City Purchasing Agent:

- Industrial Construction Co.—(1) 2 cranes, \$29,825; (2) change in rails, \$190; (3) total, \$30,315; if No. 1 selected relay rails are used, deduct \$84; (4) allowance on E crane, no bid; (5) allow on W crane, no bid.  
Judson Pacific Co.—(1) \$30,880, (2) \$618, (3) \$31,528, (4) \$500, (5) \$500.  
Cyclops Iron Works—(1) \$24,000, (2) \$225, (3) \$24,225, (4) \$1,000, (5) \$1,000.

**CONTRACTS AWARDED**

BOULDER CANYON, Nev.—General Electric Co., Schenectady, N. Y., at \$57,520 (Item 1) and \$59,900 (Item 2), was awarded contract by the Bureau of Reclamation, under Spec. No. 733, for furnishing and delivering 600 cars at the shipping point and/or Boulder City: (1) seven 27,500 kv-a., 13,600/132,500/220,000 v.-volt transformers; (2) 10 current transformers; (3) one Peterson coil for Units A-6 and A-7 in the Boulder Power Plant, Boulder Canyon Project.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Aug. 20, 10 a. m., bids will be received by the Metropolitan Water District, 306 W 3rd St., for sale of following frame and plaster board buildings at Fen Hill Camp, near Indio: One mess hall, 36x87 ft., one office and commissary, 18x72 ft., one cottage, 26x44 ft., one office and dormitory, 22x87 ft., two dormitories, 33x100 ft., one dormitory, 43x100 ft. and one, 58x36 ft.; also one frame and galvanized iron change house, 26x44 ft.

**CONTRACT AWARDED**

GOVERNMENT ISLAND, Calif.—Western Pipe & Steel Co., 44 Market St., San Francisco, at \$170,116 was awarded contract by the Port of San Francisco, under Spec. No. 5077, for furnishing corrugated metal pipe culvert and couplings; for Bishop.

**CONTRACTS AWARDED**

OAKLAND, Calif.—The Steel Tank & Pipe Co., 1100 4th St., Berkeley, at \$270,000 (Item 1) and the American Concrete & Steel Pipe Co., 19th St., Berkeley, Oakland, at \$6,300 (Item 2), were awarded contracts by the East Bay Municipal Utility District, 512 16th St., Oakland, under L.S. 202, for: (1) 100 ft. of 30-in. diameter steel pipe; (2) cement lining.

**BIDS WANTED**

OAKLAND, Calif.—Until August 4, 10 a. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal

L.S. 203, for 42,500 lb. cast-iron pipe, from 1-in. to 20-in. diameter.

Plans and specifications may be obtained from above office.

**BIDS OPENED**  
LOS ANGELES, Calif.—The following submitted identical bids to U. S. Indian Irrigation Service, Los Angeles, at (1) compressed acetylene gas, \$2.55 C cu. ft.; (2) compressed oxygen gas, \$1.30 C cu. ft.; by Air Reduction Sales Co., Linde Air Prod. Co. and Home Oxygen Co. National Cylinder Gas Co.

**BIDS OPENED**

LOS ANGELES, Calif.—Bids for disconnecting switches, Spec. 2351, were opened by Los Angeles Water & Power Purchasing Agent.

Work Involved:

- (1) 2 groups 34.5 kv 600 amp outdoor
- (1-alt.) same without insulators;
- (2) grounding switches;
- (3) allowance for omission of tests on item No. 1;
- (4) allowance for omission of tests on item No. 1-alt.

Total bids were:

- Electrical Eng. Equip. Co.—(1) \$2190.02; (1-alt.) \$1919.22; (2) \$527; (3) \$125; (4) \$75.  
Loma Star Elec. Co.—(1) \$1130; (1-alt.) \$3748.40; (2) \$407; (3) \$225; (4) \$225.  
Railway & Industrial Eng. Co.—(1) \$4300; (1-alt.) \$3918.40; (2) no bid; (3) \$50; (4) \$50.

- Pacific Elec. Mfg. Co.—(1) \$4250; (1-alt.) \$3868.40; (2) no bid; (3) \$225; (4) \$225.

**CONTRACT AWARDED**

YAKIMA PROJECT, Wash.—Superior Portland Cement, Inc., Seattle, Wash., at \$9,405.29, was awarded contract by the Bureau of Reclamation, under Bid No. 33640-A, for 48,000 bbbls. of cement for the Rosa Division, Yakima Project.

**CONTRACT AWARDED**

BOULDER CANYON PROJECT—Western Electric Mfg. Co., E. Pittsburgh, at \$1,467,000 awarded contract by Bureau of Reclamation, Denver, under Spec. No. 732, for furnishing and installing two \$2,500 kv-a., 150/150 rpm, vertical, alternating current generators for the Boulder power plant, Boulder Canyon Project.

**BIDS OPENED**

BERKELEY, Alameda Co., Calif.—The following submitted identical bids, at \$0.75 per ft. (Item 1) and \$0.33 per ft. (Item 2), to the Berkeley City Council, City Clerk, City Hall, for (Item 1) 2000 ft fire hose; (2) 500 ft.

Habes Fire Hose Co., Oakland; American Rubber Mfg. Co., Oakland; Eureka Fire Hose of U. S. Rubber Products; Pacific Coast Rubber Co., San Francisco, and the Pioneer Rubber Mills, San Francisco.  
Haber Parkman submitted a bid of \$0.85 per ft. (Item 1) and \$0.58 per ft. (Item 2), and the Hercules Equipment & Rubber Co., San Francisco, submitted a bid at \$0.95 per ft. (Item 1) and \$0.63 per ft. (Item 2).

**CONTRACT AWARDED**

LOS ANGELES, Air Reduction Sales Co. was awarded contract by U. S. Indian Irrigation Service for acetylene and oxygen; 3 identical bids being submitted to U. S. Indian Irrigation Service, Los Angeles, at: (1) compressed acetylene gas, \$2.55 cu. ft.; (2) compressed oxygen gas, \$1.30 cu. ft., by Air Reduction Sales Co., Linde Air Prod. Co. and Home Oxygen Co., Natl. Cylinder Gas Co.; (1) \$2.65; (2) \$1.30. Invt. 0437.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                   |                         |
|-----------------------------------|-------------------------|
| 21—Bridges                        | 30—Reservoirs and Dams  |
| 22—Dredging, Harbor Works, Excav. | 31—Pipe Lines and Wells |
| 23—Irrigation Proj.               | 32—Tunnels & Sewage     |
| 24—St. Light Systems              | 33—Water Works          |
| 25—Machinery and Equipment        | 34—Parks & Playgrounds  |
| 26—Railroads                      | 35—Tunnels              |
| 27—Fire Alarm Sys.                |                         |
| 28—Fire Equipment                 |                         |
| 29—Streets & Highways             |                         |

## 21— BRIDGES

### CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—Franzini & Friedburg, San Rafael, at \$20 per cu. yd. (Item 1) and \$05 (Item 2) was awarded contract by County Clerk, County Court House, San Rafael, for the construction of a reinforced concrete bridge across Watson Creek on the Point Reyes-Petaluma Road in Marin County.

- Work involves:
- (1) 375 cu. yd. Class A Portland cement concrete in place;
  - (2) 56,000 lbs. reinf. steel in place.
- Total bids follow:
- Franzini & Friedburg, San Rafael: (1) \$20; (2) \$05.
- Renati Bros., Novato: (1) \$23.00; (2) \$05.25.
- John Carcano, San Rafael: (1) \$26.35 (2) \$05.25.
- Brown & Lambretti, Mill Valley: (1) \$29.50; (2) \$06.
- D. N. Nicholson, San Leandro: (1) \$30.50; (2) \$06.
- C. C. W. & H. H. Haun, San Francisco: (1) \$35; (2) \$06.
- De Luca & Son, Inc., San Francisco: (1) \$47.75; (2) \$056

### BIDS OPENED

- KERN CO., Calif.—Valley Constr. Co., 47 W. Santa Clara, San Jose, at \$20.994, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across Poso Creek about 12 miles north of Bakersfield consisting of two 32-ft. 6-in. spans and two 24-ft. 6-in. spans on concrete pile bents and grading about 0.2 mile of roadway approaches.
- Work involves:
- (1) 230 M. gals. water;
  - (2) 5,800 cu. yd. roadway excav., uncl.;
  - (3) 50 cu. yd. ditch and channel excav.;
  - (4) 2,200 sta. yds. overhaul;
  - (5) 550 cu. yd. struc. excav.;
  - (6) 11 sta. finishing roadway;
  - (7) 35,500 lbs. bar reinf. steel;
  - (8) 181 cu. yd. Class A portland cement concrete;
  - (9) 251 lf. solid timber railing;
  - (10) 940 lf. reinf. conc. piles, including test piles, furnishing;
  - (11) 20 each, do. (driving);
  - (12) 130 cu. yd. riprap sacked concrete;
  - (13) 18 lf. 8-in. CMP;
  - (14) 28 lf. 12-in. CMP;
  - (15) 29 lf. 18-in. CMP;
  - (16) 36 lf. 24-in. CMP;
  - (17) 3 each, spillway assemblies;
  - (18) 90 lf. laminated guard railing;
  - (19) 2 each, culvert markers;
  - (20) 14 each, monuments;
  - (21) 2 each, bridge deck drains;
  - (22) 1 misc. items of work
- The State will furnish CMP hand couplers and spillway assemblies.
- Total bids follow:

- (A) Valley Constr. Co., 47 W. Santa Clara, San Jose \$20,994.00
- (B) John Jelicovich, Fresno, 21,087.00
- (C) N. M. Ball & Sons, Berkeley 22,306.60
- (D) Rexroth & Rexroth, Bakersfield 23,695.00

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 2.00	\$ 2.00	\$ 2.00	\$ 3.00
(2)	.32	.55	.70	.60
(3)	2.00	2.00	1.00	1.00
(4)	.05	.05	.01	.005
(5)	2.00	2.00	1.00	1.00
(6)	9.00	10.00	5.00	10.00
(7)	.06	.05	.06	.065
(8)	26.50	25.00	30.00	35.00
(9)	3.00	2.00	2.00	3.50
(10)	3.00	2.50	3.00	3.50
(11)	175.00	209.00	190.00	160.00
(12)	15.00	10.00	10.00	13.00
(13)	1.50	1.00	.60	.50
(14)	2.00	1.50	.60	.50
(15)	7.25	2.00	1.00	.50
(16)	7.25	3.00	1.00	.50
(17)	25.00	20.00	10.00	20.00
(18)	2.20	2.00	2.00	1.50
(19)	3.00	2.00	3.00	2.00
(20)	4.00	4.00	3.00	5.00
(21)	5.00	20.00	45.00	35.00
(22)	320.00	1000.00	600.00	700.00

### BIDS OPENED

- SISKIYOU CO., Calif.—A. Soda & Son, 3231 Grove St., Oakland, at \$30.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across the Scott River about one mile southwest of Fort Jones, consisting of four 30-ft. 6-in. spans and two 23-ft. spans on concrete pile bents and grading and applying road mixed surfacing to approximately .4 mile of roadway.
- Work involves:
- (1) 2 acres clear and grub;
  - (2) 35 M. gals. water;
  - (3) 10,000 cu. yd. w. excav., uncl.;
  - (4) 1,500 cu. yd. imported borrow;
  - (5) 41,000 sta. yds. overhaul;
  - (6) 90 cu. yd. ditch and channel excav.;
  - (7) 20 sta. finishing roadway;
  - (8) 5 tons liquid asphalt, ROMC-3 (prime coat);
  - (9) 190 cu. yd. mineral aggregate, road mix surf.;
  - (10) 18 tons liquid asphalt, ROMC-3 (road-mix surf.);
  - (11) 46,500 lbs. bar reinf. steel;
  - (12) 257 cu. yd. Class A portland cement concrete, struc.;
  - (13) 1,190 lf. reinf. conc. piles, including test piles, furnishing;
  - (14) 25 each, do. (driving);
  - (15) 290 lf. solid timber railing;
  - (16) 6 each, bridge deck drains;
  - (17) 9 each, monuments;
  - (18) 1 lot misc. items of work.
- Total bids follow:

- (A) A. Soda & Son, 3231 Grove St., Oakland \$30,562.00
- (B) Chas. Cuppinger, Lakeport 33,698.50
- (C) J. P. Bironnan, Redding 35,080.81
- (D) W. K. Van Bokkelen, Oakland 37,877.50

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 2.50	\$250.00	\$130.00	\$500.00
(2)	2.00	1.50	2.50	4.00
(3)	.80	.91	1.30	.90
(4)	1.00	.55	1.00	1.20
(5)	.01	.01	.01	.01
(6)	2.00	2.00	1.25	1.00
(7)	15.00	20.00	9.00	10.00
(8)	40.00	30.00	43.47	42.50
(9)	4.00	6.00	2.49	7.50
(10)	35.00	30.00	43.47	42.50
(11)	.06	.07	.07	.07
(12)	30.00	35.00	26.00	38.00
(13)	3.00	3.00	2.37	3.00
(14)	100.00	90.00	157.90	150.00
(15)	2.00	1.60	1.50	1.30
(16)	5.00	15.00	35.00	35.00
(17)	3.00	3.00	2.80	3.00
(18)	1000.00	1500.00	375.00	1500.00

### CONTRACT AWARDED

SANTA CRUZ CO., Calif.—L. C. Karstedt, 16 Wall St., Watsonville, at \$7,158.80, was awarded contract by County Engineer, Lloyd Bowman, for the construction of a concrete bridge across Aptos Creek, Rio Del Mar Road. Estimated cost, \$6,500.

Total bids follow:

L. C. Karstedt, 16 Wall St., Watsonville \$7,158.80

Granite Constr. Co., Ltd., Watsonville 7,191.00

Valley Constr. Co., San Jose 8,715.50

### BIDS WANTED

TULARE COUNTY, Calif.—Until August 17, 2 P. M., bids will be received by the Board of Supervisors, Gladys Stewart, Clerk, Court House, Visalia, for the construction of a reinforced concrete bridge, consisting of two 16-ft. spans, over Deer Creek on the Fountain Springs-California Hot Springs Road.

Work involves:

- (1) 74 cu. yd. Class A portland cement concrete;
- (2) assembling & setting pipe railing;
- (3) removal of two wooden bridges.

Plans and specifications may be obtained at the office of the County Surveyor, Court House, Visalia.

### BIDS WANTED

JACKSON COUNTY, Oregon—Until August 6, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 3145 East Coast Bldg., Portland, for the construction of a 3-span steel beam bridge with concrete deck and substructures over Trail Creek, together with approximately .0096 mile approach grading, Truer Trail Highway, Project 16-15, National Forest Road Project, County of Jackson.

Work involves:

- (1) 700 cu. yd. unclass. excav.;
- (2) 117 cu. yd. Class A concrete;
- (3) 49 cu. yd. Class B concrete;
- (4) 175 cu. yd. Class D concrete;
- (5) 54,000 lbs. reinf. steel;
- (6) 142,000 lbs. struc. steel.

Plans and specifications may be obtained at the above office and at the office of the Superintendent, Rogue River National Forest, Medford, Ore.; Pacific Builder and Engineer, Arcade Bldg., Seattle; A. J. G. General Contractor of America, Arcello Bldg., Seattle; Accountant General Contractors of America, Portland, upon the deposit of \$10.

## Capital City Title Company

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### JAMES E. BANCROFT

Manager

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801 J Street  
Sacramento • California

## COMPLETE BIDS

SHASTA CO., Calif.—C. J. Montag, Portland, Oregon, at \$191,222, submitted low bid to C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for constructing the Lake Britton Bridge on Section J, Rt. 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta Co.

Work involves:

- (1) 2300 c.y. uncl. excav. for strucs. (cut);
- (2) 1600 c.y. uncl. excav. for strucs. (cut);
- (3) 508 c.y. Class A concrete;
- (4) 368 c.y. Class B concrete;
- (5) 347 c.y. Class C concrete;
- (6) 355 c.y. lightweight concrete;
- (7) 170,000 lbs. reinf. steel;
- (8) 542,000 lbs. structural steel;
- (9) 1000 lf. steel handrail.

Complete bids follow:

- (A) C. J. Montag, Portland, Oregon \$191,222.00
- (B) A. Telchert & Son, Inc., Sacramento 199,954.50
- (C) Wickes Engrg. & Constr. Co., Des Moines, Iowa 203,030.00
- (D) John Rocca, San Rafael 230,660.00
- (E) C. W. Caletti & Co., San Rafael 248,320.00
- (F) M. B. McGowan, Inc., San Francisco 255,106.00

Unit prices follow:

- | (A)        | (B)    | (C)    | (D)    | (E)    | (F)    |
|------------|--------|--------|--------|--------|--------|
| (1) \$1.00 | \$2.50 | \$1.50 | \$3.00 | \$3.00 | \$2.50 |
| (2) 14.00  | 13.00  | 15.00  | 19.00  | 30.00  | 40.00  |
| (3) 30.00  | 25.50  | 45.00  | 40.00  | 30.00  | 28.00  |
| (4) 22.50  | 20.00  | 40.00  | 34.00  | 25.00  | 21.00  |
| (5) 31.00  | 36.50  | 50.00  | 34.00  | 40.00  | 42.00  |
| (6)        | 06     | 07     | 06     | 065    | 08     |
| (7) 35.00  | 45.00  | 50.00  | 41.00  | 40.00  | 41.00  |
| (8)        | 11     | 123    | 10     | 13     | 15     |
| (9)        | 6.50   | 5.50   | 7.50   | 11.00  | 4.00   |

## BIDS WANTED

SAN FRANCISCO—Until Aug. 18, 2 P. M., bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 813, 500 Sansome St., San Francisco, for the construction, in accordance with specifications to which special reference is made, of the San Francisco Viaduct of the Railway Facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

- (1) demolition and removal of bldgs. (lump sum);
- (2) 20,000 c.y. excav. unclass;
- (3) 15,000 c.y. excav. for struct.;
- (4) 50 each cutting off steel piles;
- (5) 45,000 lf. timber piles;
- (6) 5,500 lf. concrete piles;
- (7) 4,500 c.y. conc. in foundations;
- (8) 12,500 c.y. concrete above foundations;
- (9) 1,400 c.y. concrete deck on steel spans;
- (10) 2,500 lbs. extra portland cement
- (11) 3,200,000 lbs. reinf. steel;
- (12) 100,000 lb. misc. steel work;
- (13) 4,200 sq. ft. bronze expansion plates;
- (14) 100,000 lbs. pipe railing;
- (15) water-pipes, 16-in. (lump sum);
- (16) drainage (lump sum);
- (17) street work (lump sum).

Plans and specifications may be deposited at \$50, of which \$10 will be obtained from the above office upon refund.

## BIDS WANTED

TUOLUMNE CO., Calif.—Until August 18, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 257, City Hall, under Hatch Bldg., Water Supply Contract No. 169, for constructing a steel pipe bridge, 100 feet long, spanning a portion of McCreary Reservoir, Section 30, Township 13 South, Range 15 East, T. 13 S., R. 15 E., S. 30.

Work involves:

- (1) 15 c.y. excav.;

- (2) Lump sum, reinf. conc. bent;
- (3) 7 c.y. conc. for footings;
- (4) 2,200 lbs. reinf. steel not included in item 2;
- (5) Lump sum, steel bridge with timber walkway.

Plans and specifications may be obtained from the San Francisco Water Dept., Bldg. Room 605, 425 Mason St., upon deposit of \$10.

## BIDS WANTED

SAN MATEO CO., Calif.—Until August 18, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 257, City Hall, under Spec. No. WD. 150, for reconstruction of Pilarcitos Spillway in San Mateo County.

Work involves:

- (1) Lump sum, removing existing timber structures;
- (2) Lump sum, removing and re-installing slide gates;
- (3) 40 c.y. removing existing masonry work;
- (4) 400 c.y. unclass. excav.;
- (5) 320 c.y. concrete for downstream portion of spillway channel;
- (6) 470 c.y. concrete for overflow weir structure;
- (7) 125 c.y. concrete for transition to existing tunnel;
- (8) 65,000 lbs. reinf. steel;
- (9) 2,500 lbs. furnishing and installing misc. metal work;
- (10) 6 pipes furnishing and installing grout pipes;
- (11) 20 sacks grouting.

Plans and specifications may be obtained from the San Francisco Water Department Bldg., Room 605, 425 Mason St., upon deposit of \$10.

## 22—DREDGING HARBOR WORKS, EXCAVATION

## CONTRACT AWARDED

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, at \$4,277,155 was awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8436, for the construction of reinforced concrete mooring for the 14th Naval District, Pearl Harbor, T. H.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Pan Pacific Piling & Constr. Co., 2145 E. 23d St., at \$43,464, awarded contract by Los Angeles Harbor Dept., for eroded Douglas fir piling; Spec. 929.

## COMPLETE BIDS

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Ltd., Honolulu, at \$42 per yard (Item 1), and 30c per yard (Item 2), and the Standard Dredging Co., New York City, at \$0.174 (Item 3), submitted bids under Spec. 8437, to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for dredging at Pearl Harbor.

## CONTRACTS AWARDED

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, at \$350,000 (Item 1) and Standard Dredging Co., New York City, at \$250,000 (Item 2) were awarded contracts by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 8437, for dredging at Pearl Harbor.

## BIDS REJECTED

PEARL HARBOR, T. H.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., rejected all bids, under Spec. 8491, for crane-dredge and Diesel Electric Construction Equipment, installed on section at Navy Yard, Pearl Harbor.

I. W. Kepenback Corp., Cleveland, Ohio, at \$121,361 (Item 1) and \$109,816 (Item 2) submitted the low bid.

## COMPLETE BIDS

MARION CO., Ore.—Pacific Bldg. Materials Co., Portland, Ore., at \$10,010, submitted low bid to the U. S. Engineer, 306 Custom House, Portland, for dredging at West Salem and Traglio bars in Willamette River; 35,500 c.y. material to be dredged to restore channel to project width and a depth of 3½ feet at low water at two bars by removal and disposal of all material from area approximately 2300 ft. long and 100 ft. wide, with average cut of 17.5 feet at West Salem bar and 2450 ft. long and 100 ft. wide with average cut of 15 ft. deep at Traglio bar.

Complete bids follow:

- (A) Pacific Bldg. Matis. Co., Portland, Ore. \$10,010.00
- (B) River Bend Sand & Gravel Co., Salem 10,972.50
- (C) S. S. Montague, Portland 13,860.00
- (D) Cuckenberg Witman Co., Inc., Portland 18,480.00

## 23—CANALS

## CONTRACTS AWARDED

GILA PROJECT, Ariz.—R. E. Hazard & Sons, P.O. Box 1438, San Diego, at \$29,500 (Item 1) and George Pollock Co., P.O. Box 903, Sacramento, at \$147,800, were awarded contracts by the Bureau of Reclamation, R. E. Williams, Construction Engineer, Yuma, Ariz., under Spec. No. 931-D, under Schedule 1, for preparation of concrete aggregates for the Gila Project.

Principal items of work are:

- (1) 150,000 c.y. stripping gravel deposits;
- (2) 651,000 c.y. sand and gravel, prepared and stockpiled.

## CONTRACT AWARDED

ALL-AMERICAN CANAL—V. R. Dennis, P. O. Box B, Station A, San Diego, at \$31,531.99 awarded contract by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg. Yuma, Ariz., for construction of the Pilot Knob check and wasteway, Sta. 1093 plus 92, All-American Canal, Boulder Canyon Project, Location of which work is about 5 miles west of Yuma.

## CONTRACT AWARDED

SALT RIVER PROJECT, Ariz.—Gates and Huntley, 2120 Hyperion St., Los Angeles, at \$78,500 awarded contract by the Bureau of Reclamation, R. E. Walter, Chief Engineer, Producer Bldg., Phoenix, under Spec. No. 937-D, for construction of earthwork, canal lining and structures, reservoir power canal and additions to diversion dam, Salt River Project, Arizona. Location of the work is about 20 miles northwest of Globe.

## 25—MACHINERY AND EQUIPMENT

## BIDS WANTED

SAN MATEO CO., Calif.—Until August 2, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one pneumatic flat body truck, capacity not less than three tons, equipped with front loading winch on front end of body in good mechanical condition. Specifications obtainable from the above office.

## BIDS WANTED

DUNSMITH, Siskiyou Co., Calif.—Until August 4, 8 p.m., bids will be received by the Dunsmuir City Council, E. G. Hawkins, City Clerk, Dunsmuir, for one Deluxe model, two-door sedan, without trunk, not exceeding 114-inch wheel base, equipped

with five 6-ply H.D. Firestone tires, car to be blue-black color and "Dunsmuir Police Department" to be lettered in gold on each door.

Plans and specifications may be obtained from above office.

#### CONTRACT AWARDED

**YOSEMITE**, Mariposa Co., Calif.—Western Machinery Co., San Francisco, at \$77.25 per mo. was awarded contract by the National Park Service, Yosemite National Park, for the rental of one (1) positive pressure type blower, without motor, for a period of 10 months; job E1, same, with electric motor; job E2, Portland job West Portal Big Oak Flat Road Tunnel; Bid NPS 1060. Lawrence C. Merriam, acting superintendent.

Total bids follow:

Western Blower Co., San Francisco: (1) \$60 per month; (2) \$77.25 per month.

Industrial Equip. Co., Oakland: (1) \$80 per month; (2) \$98.50 per month.

Brown-Bevis Equip. Co., Los Angeles: (1) \$161 per month for minimum of 7 months, \$75 over 7 months; (2) 7 months 30-h.p., \$287; 50-h.p., \$249; 75-h.p., \$276; over 7 months 30-h.p., \$125; 50-h.p., \$135; 75-h.p., \$150.

#### COMPLETE BIDS

**JEWELL**, Clatsop Co., Oregon.—J. Blair Miller, Oregon City, at \$60,458 (Item 1), tentatively awarded contract by D. C. Owen, Nehalem Valley Cooperative Electrical Association, Jewell, for about 54 miles rural electric lines extending from Olney to Jewell, from Jewell to Vesper and from Jewell to Jewell.

Work involves:

- (1) ACSR conductors, field treated poles;
- (2) Copperweld conductors—incised butt treated poles;
- (3) ACSR conductors, incised butt treated poles.

Complete bids follow:

(A) J. Blair Miller, Oregon City—(1) \$60,458.

(B) NePage McKenny, Portland—(2) \$71,032; (3) \$63,261.

(C) Parker Schram Co., Portland—(2) \$72,820.

(D) Homer Johnson, Portland—(2) \$76,633.

(E) O. A. Carlson, Seattle—(2) \$73,146; (3) \$66,237.

#### BIDS OPENED

**DENVER**, Colo.—Until August 20, 2 p.m., bids will be received by R. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. No. 955-D, for furnishing and delivering f.o.b. shipping point and/or railroad destination at the option of the bidder, one 30-in. diameter interior-differential needle valve for installation in the Outlet works at the Grassy Lake Dam, Upper Snake River Project, Idaho; and two 42-in. diameter interior-differential needle valves for installation in the outlet works at the Boulder Dam Truckee Storage Project, Nevada-California. Work will be done by the Government.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

**BOULDER CITY**, Nevada—Pacific Electric Mfg. Corp., San Francisco, at \$52,469.65, was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 730, for furnishing 230 kv disconnecting switches for installation in Boulder Power Plant.

#### BIDS WANTED

**CENTRAL VALLEY PROJ.**, Calif.—Until August 12, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 935-D, for four motor-driven pumping units for installation at Government

Camp, Friant Dam, Central Valley Project, Calif. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**SANTA CLARA & SANTA CRUZ** COS., Calif.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at \$3.89 per hour, submitted low bid to the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Building, San Francisco, for rental of one only truck-mounted power shovel unit, equipped with both shovel dipper and clamshell of not less than 4'10 c.y. capacity, not over two years old, for approximately 500 hours. Equipment for use in Santa Clara and Santa Cruz counties.

Total bids follow:

(A) Pacific Truck Service, Inc., 646 Park Ave., San Jose—\$3.89 per hour.

(B) C E Huis, Merced—\$4.15.

(C) Adams Constr. Co., San Francisco—\$4.35.

(D) Fred A. Lance, San Jose—\$5.00.

(E) Portola Truck Service, S. F.—\$6.48.

(F) T. G. Smith, Los Angeles—\$7.50.

(G) Western Crane Service Corp., Oakland—\$8.00.

#### BIDS WANTED

**TRACY**, San Joaquin Co., Calif.—Until July 30, 1:30 P. M., bids will be received by the Tracy Union High School District Board of Trustees, Bert B. Banta, Clerk, Tracy, for a school bus and for an AG truck.

Plans and specifications may be obtained from the above office.

#### 26—RAILROADS

##### CONTRACT AWARDED

**SAN FRANCISCO**—Pacific Pavements Co., Ltd., 85 Barstow Street, at \$290 (Item 1) and \$150 per ton (Item 2) was awarded contract by the State Harbor Board, Ferry Bldg., for renewing 900 Lf. of railway track from the Ferry Bldg. to Mission St.

Work involves:

- (1) tearing up 900 Lf. of the existing track and reconstructing;
- (2) furnishing, laying 3020 tons bituminous surface, after reconstruction.

Total bids follow:

Pacific Pave. Co. Ltd., 85 Barstow Street (1) \$290.00

(2) 4.50

A. D. Schrader (1) 2897.00

(2) 2.25

Eaton & Smith (1) 2999.00

(2) 4.90

(C.)

##### TO REHABILITATE

**BELLINGHAM**, Whatcom County, Wash.—Chicago, Milwaukee, St. Paul and Pacific Railway will soon rehabilitate Kulshan line in Whatcom county to St. Paul and Tacoma L.R. Co.'s timber holdings. Est. cost, \$60,000.

##### Sub-Contracts Awarded

**TERMINAL**, Cont. Prt. \$1,658,510 SAN FRANCISCO, First and Mission Streets.

San Francisco—Oakland Bay Bridge Railway Terminal, (3-story) concrete building; granite facing on head house, steel roof framing over track level on top floors; composition roofing over concrete, 165-ft wide by 700-ft long.

Contractor—MacDonald & Kahn Co., 200 Financial Center Bldg.

**Pile Driving**—Raymond Concrete Pile Co., 333 Montgomery Street

**Excavations**—Pomboy Bros. and Co., 1571 Turk St.

**Reinforcing Steel**—Tucson Steel Co., 604 Mission Street.

**Granite**—Texas Quarries, Inc., Victorville, Calif.

As previously reported, Columbia Steel Co., 235 Montgomery St., at \$442,360 awarded contract for structural steel; Scott Co., Inc., 243 Minna St., at \$109,257, mechanical work, and Radefinger Bros., 544 Natoma St., at \$73,250, electric work, all under separate contract.

#### 29—STREETS AND HIGHWAYS

##### BIDS OPENED

**LASSEN** and Sierra Cos., Calif.—Hayward Bldg. Materials Co., Atherton and Jackson Sts., Hayward, at \$23,690, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat to about 18 miles between Douie and Nevada State line.

Work involves:

(1) 355 tons liquid asphalt, 90-95;

(2) 4200 tons screenings.

Total bids follow:

(A) Hayward Bldg. Materials Co., Atherton and Jackson Sts., Hayward, \$23,690.

(B) Frederickson & Westbrook, Lower Lake, \$24,795.50.

(C) Lee J. Immel, Berkeley, \$25,938.

(D) J. P. Brennan, Redding, \$26,213.05

(E) Harms Bros., Litchfield, \$26,952.

(F) A. Teichert & Son, Sacramento, \$27,065.00.

(G) A. Soda & Son, Oakland, \$27,669.70

(H) Geo. French, Jr., Stockton, \$28,810.00.

(I) J. A. Casson, Hayward, \$34,075.

Unit prices follow:

	(1)	(2)
(A)	\$20.00	\$3.95
(B)	18.50	4.34
(C)	21.60	4.35
(D)	21.31	4.44
(E)	21.50	4.60
(F)	23.00	4.50
(G)	23.70	4.68
(H)	22.00	5.00
(I)	25.00	6.00

(I) 25.00 6.00

##### CONTRACT AWARDED

**BOISE**, Idaho.—Tony Marrazzo, Boise, Idaho, at \$85,546.40, was awarded contract by the U. S. Bureau of Public Roads, for grading and surfacing, Ketchum-Crayton Highway, Idaho Forest, Project 26-D2.

##### BIDS WANTED

**GLENDALE**, Los Angeles Co., Cal.—Until August 5, 10 A. M., bids will be received by Glendale city council for the improvement of Grandview Avenue between San Fernando Road and Glenoaks Blvd., in accordance with plan, and specifications on file at the office of the engineer, J. C. Albers. Certified check for 10% must accompany each proposal.

The work involves:

- (1) 2400 cu. y. grading;
- (2) 1875 tons asphalt concrete (for 6-in. pavement and surf.);
- (3) 6140 sq. ft. 6-in. concrete gutter and alley intersections;
- (4) 139 sq. ft. cement driveways;
- (5) 2040 sq. ft. Class B curb;
- (6) 1600 sq. ft. 2-course walk;
- (7) remodel two culverts in place, approx. 70 cu. y.

##### BID OPENING POSTPONED

**TRINITY CO.**, Calif.—Until Aug. 9, 2 p.m. (postponed from Aug. 3), bids will be received by F. W. Hasselwood, District Engineer, State Division of Highways, Boling, for surfacing with seal mix surfacing about 5 miles between the Helder and Big Bar, off Toiyabe E. Trinity Co.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

LOS ANGELES CO., Calif.—Until August 9, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing.

(1) Portland cement concrete about 97 mile at the intersection of Rosemead Blvd. and Las Tunas Dr.

- Work involves:
- (1) 30 M. gals water in place;
  - (2) 70 c.y. removing existing concr.;
  - (3) 800 c.y. roadway excav. without classification;
  - (4) 370 c.y. struc. excav.;
  - (5) 2,800 sq. yds. preparing sub-grade;
  - (6) 4 sta. finishing roadway;
  - (7) 1 ton liq. asph., SC-2, in place (prime coat);
  - (8) 165 tons mineral aggregate, in place (plant-mixed surf.);
  - (9) 9 tons liquid asph., ROMC-4 or ROMC-5, in place (plant-mixed surfacing);
  - (10) 900 sq. yds. asph. paint binder, in place;
  - (11) 1,150 tons asph. concrete, in place;
  - (12) 33 c.y. Class A portland cement concrete, in place (pavement);
  - (13) 80 pavement dowels, in place;
  - (14) 7,800 lbs. bar reinf. steel, in place (pavement & structures);
  - (15) 129 c.y. class A portland cement concrete in place (structures);
  - (16) 25,200 lbs. steel rail assemblies, in place;
  - (17) 10,100 lbs. misc. iron and steel, in place;
  - (18) 2 lf. 24x6 $\frac{1}{2}$ -in. (8-gauge) part circle corrug. metal in place (the part circle corrugated metal to be furnished by the State);
  - (19) 28 lf. 24x8 $\frac{1}{2}$ -in. (12-gauge) part circle corrugated metal in place (the part circle corrugated metal to be furnished by the State);
  - (20) 28 lf. 36x7 $\frac{1}{2}$ -in. (12-gauge) part circle corrugated metal in place (the part circle corrugated metal to be furnished by the State);
  - (21) 78 c.y. class A portland cement concrete in place (curbs, gutters and sidewalks);
  - (22) 35 lf. curb armor complete in place;
  - (23) 32 lf. laminated guard railing in place.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

SAN DIEGO & IMPERIAL COS., Calif.—Square Oil Co., 916 Adobe St., Los Angeles, at \$4995, submitted low bid to State Highway Department, San Diego, for highway oiling in San Diego and Imperial Counties, betw. Imperial and Kane Springs (XI-S D-Imperial-195-E F. G. A.), about 505 m. in length, liquid asphalt to be furnished and applied.

- Work involves:
- (1) 240 tons liq. asph., SC-3, in place;
  - (2) 225 tons liq. asph., SC-4, in place.

Complete bids follow:

	(1)	(2)	Total
(A) Square Oil Co.	\$10 50	\$11 00	\$4995 00
(B) Regal Oil Co.	10 60	10 95	5067 75
(C) Gilmore Oil Co.	10 65	11 25	5087 25
(D) Morgan Bros.	10 95	12 70	5485 50
(E) Pausen & March	12 09	13 84	6015 60

**BIDS OPENED**

YAVAPAI CO., Ariz.—Fisher Contracting Co., 516 S. 7th St., Phoenix, Arizona, at \$75,409.12, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Prescott-Flagstaff Highway, P.A. 96-E (1937), A.F.E. 7099. The work which is located about 97 miles northeast of Tempe near the town of Sahuaron consists of grading and draining 3 $\frac{1}{2}$  miles of roadway and furnishing and laying

of aggregate base course and asph. surfacing, and is to be completed on or before Jan. 15, 1938.

- Total bids follow:
- (A) Fisher Contr. Co., 516 S. 7th St., Phoenix, Ariz.—\$75,409.12.
  - (B) Lewis Bros., Contrs., Inc., Phoenix—\$76,100.22.
  - (C) Pearson & Dickerson Contrs., Inc., Prescott—\$76,897.55.
  - (D) N. G. Hill & Co., Phoenix—\$77,679.45.
  - (E) W. E. Orr, Prescott—\$78,659.10.
  - (F) Martin Constr. Co., Tucson—\$79,313.42.
  - (G) Tanner Constr. Co., Phoenix—\$81,922.05.
  - (H) Packard Contr. Co., Phoenix—\$82,123.
- Complete bids on file at the office of the Daily Pacific Builder.

**CONTRACT AWARDED**

MONTEREY CO., Calif.—J. L. Conner & Son, P.O. Box 49, Monterey, at \$0.35 per cu. yd., was awarded contract by the Monterey City Council, Clyde A. Dorsey, Clerk, City Hall, for furnishing and placing 23,000 c.y. embankment across El Estero Road, V-Mon-117-Mon.

- Total bids follow:
- J. L. Conner & Son, P.O. Box 49, Monterey—\$0.35 per c.y.
  - M. J. Murphy, Inc., Carmel—\$0.35 $\frac{1}{2}$  per c.y.
  - Mike Maffitano & Son, Pittsburg—\$0.35 per c.y.
  - Trinity Company, Oakland—\$0.55 per cubic yard.
  - Dolta Bros., Fresno—\$0.58 per c.y.

**BIDS WANTED**

MONO COUNTY, Cal.—Until Aug. 18, 2 P. M., bids will be received by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying imported surfacing material and road mixed surfacing treatment to 9 miles betw. Mammoth Lake and Route 23, near City of Diablo Hot Springs.

- Work involves:
- (1) 200 M. gals. water;
  - (2) 7,600 c.y. imported borrow;
  - (3) 477 sta. finishing rdwy.;
  - (4) 37 tons liq. asphalt SC-3 prime coat and penetration treatment;
  - (5) 15,400 c.y. imported surfacing material;
  - (6) 975 tons liquid asphalt SC-3 road mix surf. treatment;
  - (7) 9.02 miles preparing, mixing and shaping roadbed.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

SAN FRANCISCO CO., Wash.—Until August 12, 5 p. m., bids will be received by the Camas City Clerk, H. MacMaster, for paving NE 5th and 6th Ave. from NE Adams to NE Joy, etc.

- Work involves:
- (1) 1,400 c.y. surfacing;
  - (2) 266,000 sq. yds. asph. concr.;
  - (3) 26,600 sq. yds. roadway preparation;
  - (4) 235 c.y. filler;
  - (5) 500 c.y. special excav.;
  - (6) 400 c.y. Class "A" excav.;
  - (7) 82 lf. ft. concrete curbing;
  - (8) Raise 9 manholes.
- Plans and specifications may be obtained from above office.

**BIDS WANTED**

GLENDALE, Los Angeles Co., Cal.—Until August 5, 10 A. M., bids will be received by the Glendale City Council for improvement of Grandview Ave. betw. San Fernando Rd. and Glenoaks Blvd., in accordance with plans and specifications on file at the office of the engineer, J. C. Alizers. Certified check for 10% net accompany each proposal. The work will involve grading, paving with asphalt concrete, paving, cement

concrete gutters and paving, curbs, driveways, sidewalks, reconstruction of culverts in place, etc. Quantities will be ready about July 23.

**BIDS REJECTED**

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, Olympia, rejected all bids for highway construction, as follows:

Snohomish and Skagit Counties: Constructing Light Bituminous Surface Treatment, Bituminous Retread Surface and Bituminous Surface Treatment NonSkid Seal, on Primary State Highway No. 15; Section 1, Halford to Index, about 4.3 miles; on Primary State Highway No. 1, Section 2, Beverly Park to Everett, about 2.8 miles; on Secondary State Highway No. 17-A, Hamilton to Birdview, about 5.6 miles; State Projects in Snohomish and Skagit Counties, Wash., involving about 409 tons of bituminous cement, 850 cubic yards of selected roadway borrow, 915 cubic yards of mineral aggregate, and other items.

City of E. J. Templeton, Everett, at \$19,978.

Skagit and King Counties: Constructing Bituminous Macadam Class D Penetration Type, Light Bituminous Surface Treatment, Bituminous Surface Treatment Road Mix Type—Class B, Bituminous Road Surface and NonSkid Seal on about 22.1 miles of Primary State Highway No. 5 and Secondary State Highways No. 1-D and No. 5-A; Section 1, Secondary State Highway No. J-D, Deepcut Canyon East, Section 2, Primary State Highway No. 5, Krain to Summit; Section 3, Secondary State Highway No. 5-A, Summit West and Section 4, Primary State Highway No. 5, Bunchway East, State Projects, in Skagit and King Counties, Washington, involving about 1,241 tons of bituminous cement, 2,120 cubic yards of mineral aggregate, 252 linear feet of pipe culverts, and other items.

Only Bidder: L. Romano Eng. Corporation, 1300 Dearborn, Seattle, at \$99,388. Bid under advisement.

**CONTRACT AWARDED**

STATE OF WASHINGTON.—Diesel Oil Sales Co., 2155 Northlake, Seattle, at \$135,154.95, was awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, surfacing and constructing Bituminous Surface Treatments, Plant-Mix Type—Class F, NonSkid Seal and Retread on Primary State Highway No. 3; Section 1, Attalia to Pasco, about 10.8 miles; Section 2, Attalia to Wallula, about 2.6 miles; Section 3, Kiona to Prosser, about 14.9 miles; on Primary State Highway No. 5; Section 4, Tieton Canal Intake to Naches River, about 15.7 miles; on Primary State Highway No. 8; Section 5, Tieton to DeWitt, about 12.1 mi.; State Projects, in Yakima, Benton, Franklin and Walla Walla Counties, Washington, involving about 29,590 cubic yards of excavation, 500 cubic yards of crushed stone surfacing, 18,732 cubic yards of special ballast, 2,830 cubic yards of mineral aggregates, 1,000 linear feet of Tutthill Guard Rail, 1,673 tons of bituminous cement, and other items.

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available on work for which bids will be opened in Sacramento August 11.

(A) S-B-A-Cross, about 12.1 mi. Obispo and Santa Barbara counties, at various locations, to be opened in Sacramento; PLANS and CROSS-SECTIONS; None.

(B) S-B-Cross, about 12.1 mi. Obispo and Santa Barbara counties, to be opened in Sacramento; PLANS (No. sheets) 8; COST \$0.80; CROSS-



SECTIONS (No. of sheets) 23; (Cost) \$2.30; (Total) \$3.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal forms must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

#### BIDS OPENED

MODOC CO., Calif.—George French, Jr., P. O. Box 107, Stockton, at \$11,200, submitted low bid to F. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for surfacing with road-mix about 11.8 miles between 2.5 miles west of Cedarvale and the State Line.

Total bids follow:

George French, Jr., P. O. Box 107, Stockton..... \$11,200  
Tieslaur Brothers, Berkeley..... 11,900  
Garcia Constr. Co., Irvington..... 12,150  
Complete bids will be published shortly.

#### BIDS WANTED

COCONINO CO., Ariz.—Until Aug. 10, 2 bids will be received by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for furnishing and applying 1185 tons, Type MC-2, liquid asphalt road material to a portion of Grand Canyon Road No. 4, Grand Canyon National Park, Sec. C-D-E-C, Jacob Lake, North Rim, Apache-Cochise Road to Grand National Park, Kaibab National Forest, Coconino Co., Arizona.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

SKAMANIA CO., Wash.—Halloran Bros., Seattle, Wash., at \$48,340.08 (metal pipe), awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 0.9627 mile improving the St. Helens Highway Grading Project 15-A7, National Forest Road Project, Columbia National Forest in Skamania Co.

#### BIDS WANTED

STATE OF WASHINGTON.—Until August 10, bids will be received by L. V. Murrow, Director of Highways, State Highway Department, Olympia, for highway and bridge construction, as follows:

KING COUNTY: constructing r.c. bridge on about 0.1 mile of Primary State Highway 2, over Raging River at Fall City, FAP 142-C, King County, involving about 3360 cu. y. excavation, 301 sq. yds. cement concrete pavement, 79,750 lbs. steel reinf. bars, 160,000 lbs. struc. steel, 2900 lbs. cast steel, 450 cu. y. concrete, 900 ft. of precast concrete piling, 1290 ft. of timber piling, 50 MBM untreated timber and lumber, etc.

WHITMAN CO.: Clearing, grading, draining and constructing r.c. bridge and approaches on about 1 mile of Primary State Highway 3, Colfax South, FAP 35-B, Unit 3, Whitman County, involving about 4 acres of clearing, 68,110 cu. y. excav., 1396 cu. y. concrete, 322,000 lbs. steel reinf. bars, 4700 lbs. of struc. steel, 2 MBM treated and 3 MBM untreated timber and lumber, 520 ft. of pipe culvert, etc.

WHITMAN CO.: Clearing, grading, draining and constructing r.c. and R on about 0.2 mile of Primary State Highway 3, Colfax South, F A C H 35-B, Whitman County, involving about 2 acres clearing, 19,900 cu. y. excavation, 900 cu. y. concrete, 50,400 lbs. steel reinf. bars, 90,000 lbs. of struc. steel, 32 MBM untreated timber and lumber, 1800 ft. of untreated

timber piling, 1400 ft. of standard foundation piling, 274 ft. of pipe culverts and other items.

STEVENS CO.: Clearing, grading, draining, surfacing and constructing r.c. bridge on about 8.6 miles of State Road 22, Section 1, Northport-B G line and Section 2, Onion Creek to Hudson's Spur Extension, State Proj. Stevens county, involving about 64 acres clearing, 362,193 cu. y. excav., 30,000 cu. y. crushed stone surfacing, 233 cu. y. concrete, 55,000 lbs. steel reinf. bars, 1468 ft. of pipe culvert, etc.

SKAGIT and Kings Counties: Construction of bit. macadam Class D penetration type, bit. retard surf. and non-skid seal on about 13.6 miles of State Highways, Section 3, Secondary State Highway No. 1-D, Deception Pass-East, FAS 24-B, and Section 2, Primary State Highway 5, Encumclaw East, State Proj., Skagit and King counties, involving furnishing about 110 cu. y. and placing of 19,200 cu. y. mineral aggregates, 921 tons of bit. cement, 232 ft. of pipe culvert, etc.

KING COUNTY: Constructing light bit. surf. treatment and bit. surf. treatment, road mix type, Class B, on 8.5 miles of State Highways, Section 1, Primary State Highway 5, Krain to Summit and Section 2, Secondary State Highway No. 5-A Summit W, State Project in King County, involving about 329 tons of bit. cement, placing 620 cu. y. mineral aggregates, etc.

YAKIMA COUNTY: Surfacing with crushed stone on about 42.7 mi. of Secondary State Highway, Section 1, No. 3-A, Parker to Toppensish; Section 2, No. 3-A, Toppensish to Satun; Section 3, No. 3-A, Mabton to Yakima, Benton county line; Section 4, No. 3-B, Toppensish Creek to end of pavement and Section 5, No. 3-C, Junction State Highway No. 3 to West Wapato Road, State Proj., Yakima county, involving about 31,850 cu. y. crushed stone surfacing.

BENTON COUNTY: Constructing a bit. treatment, road mix type, Class B on about 8.5 miles of Secondary State Highway No. 8-L, Parker to Hayden Corners, FAS 23-A, Benton county, involving about 6330 cu. y. of mineral aggregates, 595 tons bit. cement, etc.

SNOHOMISH and Skagit Counties: Constructing light bit. surf. treatment, bit. retard surf. and bit. surf. treatment, non-skid seal, on Primary State Highway 15; Section 1, Halford to Index, about 4.5 miles, on Primary State Highway 1, Section 2, Beverly Park to Evertet, about 2.5 miles; on Secondary State Highway 17-A, Hamilton to Birdsview, about 5.6 miles; State projects in Snohomish and Skagit counties received July 29 rejected, project re-advertised. Quantities: 469 tons of bit. cem., 850 cu. y. selected roadway borrow, 915 cu. y. mineral aggregates and other items.

#### BIDS WANTED

SALINAS, Monterey Co., Cal.—Until August 2, 7:30 P. M., bids will be received by the Salinas City Council, E. E. Heple, City Clerk, Salinas, for improvement of a portion of Hawthorne Street, from the existing, E. end of California St. to the easterly termination of Hawthorne St. Estimated cost, \$2,435.01.

Work involves:

- 1) 14,250 sq. ft. of grading.
- 2) 570 lf. hydraulic cement concrete curbs.
- 3) 855 sq. ft. hydraulic cement concrete gutters.
- 4) 10,000 sq. ft. hydraulic cement concrete sidewalks.
- 5) 8,788 sq. ft. water and base with asphaltic wearing surface.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

SAN FRANCISCO—Robert Garcia, 2045 University Ave., Palo Alto, at \$467.50, was awarded contract by the Department of Public Works, City Hall, for making test holes for Calhoun and Union Streets. Improvement: 250 lineal feet.

#### Contract Awarded

SEWARD, Alaska—Siems-Spokane Co., Realty Bldg., Spokane, at \$133,932.50, awarded contract by the U. S. Bureau of Public Roads, Juneau, Alaska, for 4756 miles grading, surfacing on Seward Highway, Snow River-Lawing Section, Chugach National Forest.

#### CONTRACT AWARDED

LANE CO., Oregon.—Colonial Construction Co., W 326 First St., Spokane, at \$124,590 (metal pipe), was awarded contract by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for grading 0.740 mi., surfacing 2.721 mi., and advance clearing 0.314 mi. on the Willamette Highway Grading, Surfacing and Advance Clearing Project, 21-H2-14, U. S. National Forest Road Project, Lane Co., Ore.

#### CONTRACT AWARDED

DOUGLAS CO., Ore.—Clifford A. Dunn, Klamath Falls, Oregon, at \$40,963, awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for improving 3.829 miles of roadway in the Cascade Lakes Highway Grading Project 46-A2-B, National Forest Rd. Proj., Umpqua National Forest, in Douglas County.

#### BIDS OPENED

LOS ANGELES, Calif.—Paul D. Lawrence Co., 1947 N. Cahulena Blvd. at \$745, submitted low bid to Los Angeles Board of Public Works, for construction of pedestrian subway across Normandie Ave. at 75th St. PWA Project 1461, Unit 7-A.

Total bids follow:  
Paul D. Lawrence Co., 1947 N. Cahulena Blvd., Los Angeles, \$7,495; John S. Mitchell, 87,833 Carl Hallin, \$7,825; Bob P. Radich, \$8,075; Ellis E. Bjorling, \$8,760. Contracting Engineers Co., \$8,754.

#### BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 11, 10 a. m., bids will be received by Los Angeles Board of Public Works for improvement of Santa Barbara Ave. north side, between Normandie Ave. and Brighton Ave. a Cash Contract. The work involves:

- (1) Lump sum grading (266 cu. y. excav. no fill including removal of existing improvements);
- (2) 154 tons asphalt concrete wearing surface;
- (3) 333 tons asphalt concrete base, including re-rolling;
- (4) 363 cu. y. unplastered heavy curb;
- (5) 223 cu. y. special curb;
- (6) 56 cu. y. curb armor;
- (7) 370 cu. y. curb bar;
- (8) 1600 sq. ft. one course walk, 3 inch. curb;
- (9) 1006 sq. ft. conc. gutter, 8-in.;
- (10) 15 sq. ft. conc. gutter;
- (11) Lump sum storm drain;
- (12) Lump sum existing ornamental lighting system to be removed and new cast iron and other improvements to be installed and connected;
- (13) Lump sum cost of materials to be set.

#### BIDS WANTED

MONTERY COUNTY, Cal.—Until July 27, 8 P. M., bids will be received by the Salinas City Council, E. E. Heple, City Clerk, Salinas, for furnishing and installing 27,000 sq. yds. of bit. surfacing of the

embankment across El Estero Road, V-Mon-117-Mon.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**SANTA ANA, Orange Co., Calif.**—Until Aug. 9, 7:30 p.m., bids will be received by Santa Ana city council for improvement of Broadway, between First and Tenth Streets, a cash contract. Estimated cost, \$40,000. The work involves:

- (1) 1 M. gal. water;
- (2) 2,050 cu. yds. remove existing conc. and pave;
- (3) 30,450 sq. ft. remove existing asphalt surf;
- (4) 10,185 sq. yds. prepare subgrade;
- (5) 210 tons furnish crusher waste or equal;
- (6) 197 cu. yds. Class A portland cement concrete (curb and walk);
- (7) 665 cu. yds. Class A portland cement concrete (pave.);
- (8) 940 tons asphalt conc. pave. (base course);
- (9) 1586 tons asphalt conc. pave. (leveling course);
- (10) 896 tons asphalt conc. (Type B surf.);
- (11) 67 tons asphalt conc. (surface finish);
- (12) 173 cu. yds. structure excav.;
- (13) 184 cu. yds. Class A portland cement concrete (structures);
- (14) 12,647 lbs. bar reinf. steel;
- (15) 40,467 lbs. 20-lb. steel rails;
- (16) 1,992 lbs. 20-gal. galv. sheet iron;
- (17) 754 ft. galv. angle iron, 3x5x1/2;
- (18) 50 each C I frames and covers;
- (19) 375 ft. curb armor;
- (20) 1,518 each, pavement dowels;
- (21) 30 each, reset sewer manhole

#### CONTRACTS AWARDED

**STATE OF WASHINGTON.**—Following contracts awarded by L. V. Murrow, Director of Highways, Olympia, for highway and bridge construction, as follows:

**Chelan County:** Clearing, grading, draining and surfacing on about 4.1 mi. of Primary State Highway No. 15, Merritt to Leavenworth, Unit 2 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 62,320 cu. yd. of excavation, 22,710 cu. yd. of ballast, 9,110 cu. yd. of crushed stone surfacing, 2,066 lf. of reinforced concrete cribbing headers and stretchers, 1,411 lf. of pipe culverts and other items.

Awarded: N. Fiorito, Inc., 844 W. 84th, Seattle, at \$55,470.

**Chelan County:** Clearing, grading, draining, surfacing and constructing a reinforced concrete slash bridge on about 3.6 mi. of Primary State Highway No. 15, Merritt to Leavenworth, Unit 3 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 106,270 cu. yd. of excavation, 24,320 cu. yd. of selected roadway borrow, 11,310 cu. yd. of crushed stone surfacing, 693 cu. yd. of concrete, 59,990 lbs. of steel reinforcing bars, 19,652 lf. of reinforced concrete cribbing headers and stretchers, 1,765 lf. of pipe culverts, and other items.

Awarded: L. Romano Eng. Corp., 1300 Dearborn, Seattle, at \$158,661.

**Chelan County:** Clearing, grading, draining and surfacing on about 5.0 miles of Primary State Highway No. 15, Merritt to Leavenworth, Unit 4 of Federal Aid Project No. 190-D, in Chelan County, Washington, involving about 169,810 cubic yards of excavation, 33,250 cubic yards of ballast, 15,450 cubic yards of crushed stone surfacing, 620 cubic yards of concrete, 55,508 linear feet of reinforced concrete cribbing headers and stretchers, 38,110 pounds of steel reinforcing bars, 2,063 linear feet of pipe culverts and other items.

Awarded: Goetz & Brennan, Seaboard Bldg., Seattle, at \$258,656.

Grant - Lincoln - Spokane Counties:

Grading, surfacing and constructing a treated pile and timber trestle on about 0.2 mile of Primary State Highway No. 2, Almira North, Section 1; constructing a light bituminous surface treatment and nonskid seal on about 19.1 miles of Primary State Highway No. 2, Almira to Grand Coulee Dam, Section 2; constructing a nonskid seal on about 14.2 miles of Secondary State Highway No. 4-C, Junction Primary State Highway No. 4, North of W. to Junction Primary State Highway No. 2, North of Almira, Section 3; manufacturing and stockpiling crushed stone surfacing and mineral aggregates and constructing a light bituminous surface treatment on about 5.6 miles of Secondary State Highway No. 3-H, Opportunity South, Section 4; State Projects, in Grant, Lincoln and Spokane Counties, Washington, involving about 1,920 cubic yards of excavation, 7,030 cubic yards of crushed stone surfacing in stockpiles, 7,160 cubic yards of mineral aggregates in stockpiles, 676 tons of bituminous cement, 25 MFPM of creosote-treated and 1 MFPM of zinc-chloride-treated timber and lumber, 480 linear feet of timber piling, 42 linear feet of pipe culverts, and other items.

Awarded: F. R. Hewett, Parkwater, Spokane, at \$52,338.

**Skamania and Klickitat Counties:** Constructing cable guard rail on about 4.3 miles of Primary State Highway No. 8, Cook to Bingen, State Project, in Skamania and Klickitat Counties, Washington, involving about 24,593 linear feet of cable guard rail design No. 6.

Awarded: Collins Concrete & Steel Pipe Co., North Albany and River St., Portland, at \$14,632.

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$2499,82, was awarded construction of the Department of Public Works, Room 251, City Hall, for improvement of Carolina St. between 22nd and 23rd Streets, where not already improved. Estimated cost, \$2,765. \*

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—The Fay Improvement Co., 760 Market Street, San Francisco, at \$3,595.75, was awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,050 for the reconstruction of Front St. between Green Street and Broadway. Estimated cost, \$4,679.50.

#### BIDS OPENED

**BOISE, Idaho.**—H. E. Cornell, Boise, Idaho, at \$79,790.00 submitted the lowest bid and was recommended by the U. S. Bureau of Public Roads, Ogden, Utah, for 415 miles highway improvement North Fork Pavette, Project No. 23-C2-D2.

Total bids follow:  
(A) H. E. Cornell, Boise, Idaho, \$79,799.00.

(B) Peter Carbon & Son, Spokane, Washington, \$85,193.00.

(C) Tony Marrazzo, Boise, Idaho, \$87,177.00.

(D) George B. Henly Const. Co., Ontario, Oregon, \$88,172.00.

(E) Hoops Constr. Co., Twin Falls, Idaho, \$90,539.00.

(F) Triangle Constr., Co., Boise, Idaho, \$93,611.00.

#### BIDS OPENED

**LEMHI CO., Idaho.**—W. C. Burns, Idaho Falls, Idaho, at \$77,702 submitted low bid and was recommended by the U. S. Bureau of Public Roads, Ogden Utah, for 6,558 miles highway improvements Lead-339.00 Project 31-B.

Total bids follow:  
(A) W. C. Burns, Idaho Falls, Idaho, \$77,702.00.

(B) James Crick, Spokane, Wash., \$81,250.00.

(C) J. L. McLaughlin, Great Falls, Montana, \$82,545.00.

(D) L. T. Lawler, Butte, Montana, \$83,781.00.

(E) Bernard Curtiss Co., Minneapolis, Minnesota, \$91,935.00.

(F) Wheeler & Englund, Moreland, Idaho, 109,007.00.

Complete bids on file at the office of the Daily Pacific Builder.

### 30—RESERVOIRS & DAMS

#### BIDS REJECTED

**CHINO, San Bernardino Co., Calif.**—Bids for constructing a water storage reservoir were returned unopened by the Chino city council July 20. The construction of the proposed reservoir has been postponed indefinitely.

#### BIDS WANTED

**DALLAS CITY, Polk Co., Ore.**—Until August 19, 3 P. M., bids will be received by the District Engineer, U. S. Engineer Office, Bonneville, Oregon, for the construction of levees at Dallas City.

- Work involves:
- (1) 25 acres clearing;
  - (2) 610,000 cu. yd. mass excav.;
  - (3) 40,000 cu. rock excav.;
  - (4) 8,000 cu. yd. furnishing and placing gravel;
  - (5) 1,800 hours furnishing and operating sheeps foot roller;
  - (6) 1,200 hours furnishing and operating 3-wheeled roller.

Plans and specifications may be obtained from the above office.

#### RUBY BID NOT YET ACCEPTED

The low bid submitted July 22 on Seattle's Ruby Dam was 17.02% above the estimate, but is still a very reasonable figure in view of rising labor costs. Glen Smith, engineer in charge of outlay, construction for City Light, told Daily Pacific Builder yesterday, "It has not been the policy of PWA to accept bids when only one bid is submitted. It is understood that the Federal Power Commission has yet to give its final approval to the project. No action has been taken."

The bid, \$3,967,785, was submitted by a triumvirate comprised of Columbia Construction Co., Bonneville, Ore.; J. F. Shea, Inc., Portland; General Construction Company, Seattle. It is the contract to furnish cement for the dam, the Superior Portland Cement Co. submitted the low bid, \$529,207.

#### BIDS WANTED

**DENVER, Colorado.**—Until August 13th, 1930 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 954-D, for furnishing and delivering l.o.b. cars at the shipping point and/or railroad destination, at the option of the bidder, 81 1/2 needle-valve discharge guides for installation in the outlet works at the Alcova Dam, Casper-Alcova project, Wyoming; two 42-inch needle-valve discharge guides for installation in the outlet works at the Boca Dam, Truckee Storage project, Nevada-California; one 30-inch needle-valve discharge guide for installation in the outlet works at the Grassy Lake Dam, Upper Snake River project, Idaho; two 26-inch needle-valve discharge guides for installation in the outlet works at the Moon Lake Dam, Moon Lake project, Utah; two 48-inch needle-valve discharge guides for installation in the outlet works at the Taylor Park Dam, Uncompahgre project, Colorado; two 54-inch needle-valve discharge guides for installation in the outlet works at the Alamogordo Dam, California project, New Mexico; and two 66-inch needle-

valve discharge guides for installation in the outlet works at the Bartlett Dam, Salt River project, Arizona. The needle valve discharge guides will be installed by the Government.

**COMPLETE BIDS**

**SEAT (L.E., Wash.—General Construction Co., 3540 Iowa Street, Seattle, Wash.; J. F. Shea Co., Henry Bldg., Portland, Ore., and Columbia Construction Co., Bonneville, Ore., at \$3,967,785, submitted a joint and only bid to J. D. Ross, City Light Bldg., 3rd and Madison Sts., Seattle, for the construction of a concrete arch dam 215 feet high in Ruby Canyon, Step No. 1 of three steps which will ultimately carry the dam to a height of 650 feet above bedrock.**

Estimated cost, \$4,500,000. Step One involves construction of an arch dam in Ruby Canyon having elevation of 1150 feet from foundation of 1300 feet from sea level.

Work includes: Diversion of river including tunnel through rock of canyon wall; erection of downstream and upstream cofferdam; stripping sites for work; construction of dam to sea level elevation of 1300 feet.

Principal items include:

- (1) 200,000 cu. y. rock and common excavation;
  - (2) 20,000 feet drilling of grout and drainage holes in foundation;
  - (3) 300,000 cu. y. concrete;
  - (4) 22,000 ft. grout and drainage pipe with appurtenances;
  - (5) 300 tons structural steel.
- City will furnish cement. Test pit data to be furnished by City from Rolland's Bar, about four miles upstream from dam site where there is an ample deposit of suitable material. Contractor to furnish sand and gravel.

Steps Two and Three will follow completion of Step One. Step Two involves raising dam to elevation of 1500 feet above sea level. Step Three consists of raising dam to ultimate elevation of 1725 feet above sea level.

The project will be financed in part with a FWA grant.

- Unit prices follow:
- (1) river diversion, lump sum;
  - (2) 80,000 cu. y. rock excav. about El. 1180 other than tunnels and shafts;
  - (3) 100,000 cu. y. rock excav. bet. El. 1180 and 1050, do;
  - (4) 5000 cu. y. rock excav. below El. 1050;
  - (5) 5000 cu. y. common excav. above El. 1180;
  - (6) 42,000 cu. y. common excav. below El. 1180;
  - (7) 150 ft. rock excav. in By-Pass tunnel;
  - (8) 190 ft. rock excav. in adit;
  - (9) drilling 1500 ft. of grout holes not more than 30 ft. deep, 1½-in. diam., do;
  - (10) drilling 5000 ft. of grout holes from 30 to 50 ft., do;
  - (11) drilling 800 ft. of grout holes bet. 50 and 100 ft. deep, do;
  - (12) drilling 1000 ft. of grout holes bet. 100 and 150 ft. deep, do;
  - (13) drilling 1500 ft. of grout holes bet. 150 and 500 ft. deep, do;
  - (14) 2000 ft. of 1½-in. black welded steel pipe;
  - (15) 200 ft. of 2-in. do;
  - (16) 500 ft. of 2½-in. do;
  - (17) 3800 ft. of 3-in. do;
  - (18) 10-1½-in. valves for foundation grout pipe;
  - (19) 10-2-in. valves do;
  - (20) 10-2½-in. valves do;
  - (21) 10-3-in. valves do;
  - (22) 1000 cu. ft. pressure grouting foundation;
  - (23) 250 cu. ft. pressure grouting in By-Pass tunnel,
  - (24) 3000 ft. drilling drainage holes not more than 50 ft. in dam foundation;

- (25) drilling 500 ft. drainage holes, bet. 50 and 100 ft. do;
- (26) drilling 500 ft. drainage holes, bet. 100 and 150 ft. deep, do;
- (27) 500 ft. of 3-in. standard black welded steel pipe for foundation drainage;
- (28) 8000 ft. of 4-in. do;
- (29) 2300 cu. ft. of 8-in. porous concrete drain tile;
- (30) 1200 ft. of 20-in. split porous concrete drain tile;
- (31) 235,000 cu. y. Class A concrete;
- (32) 6000 cu. y. Class A concrete, reinf. around galleries;
- (33) 30,000 cu. y. Class B concrete;
- (34) 1000 cu. y. Class C concrete;
- (35) 600 cu. y. Class D concrete;
- (36) 3000 cu. y. Class A concrete in by-pass tunnel;
- (37) 600 cu. y. Class E concrete;
- (38) 6000 lbs. admixtures;
- (39) 3000 ft. of copper water seals, 15-in. wide;
- (40) 17,000 ft. do, 10-in. wide;
- (41) 2500 ft. of galv. iron grout stops;
- (42) 15,000 ft. ½-in. stand galv. steel pipe for grouting contraction joints;
- (43) 6500 ft. of 1½-in. do;
- (44) 60-1½-in. valves for do;
- (45) 1200 grouting units, galv.;
- (46) 300,000 lbs. reinf. steel;
- (47) 50,000 pounds Caterpillar gages;
- (48) 375 trash racks and trash rack rakes, install only;
- (48a) install 2-60-in. butterfly valves, 40,000 lbs.;
- (49) install only, 600,000 lbs. of steel pipes in by-pass tunnel;
- (50) drilling 200 ft. holes for anchor bars and hangers;
- (51) 500 lbs anchor bars and hangers;
- (52) 1000 ft. Sherardized elec. metal conduit, inc. bends and elbows, not larger than 1½-in. diam.;
- (53) 1000 ft. do, bet. 1¼- and 3-in. diameter;
- (54) 500 ft. do, 3½-in. diam.;
- (55) 1000 lbs. elec. metal panel and

- pull boxes over 10½-in. in longest dimension;
  - 3000 ft. elec. wiring not larger than No. 12 AWG;
  - 1500 ft. of elec. wiring larger than No. 12 AWG and not larger than No. 8 AWG;
  - 1500 ft. stranded elec. wiring larger than No. 8 AWG and not larger than No. 00 AWG;
  - 25-125 volt lamp bases in outlet boxes;
  - 10-125 volt plug receptacles, single phase;
  - 10-125 volt, 30 amp. plug receptacles, 3-phase;
  - 7500 ft. cables for resistance thermometers, strain meters, joint meters.
- |      |       |       |         |
|------|-------|-------|---------|
| (1)  | \$    | (2)   | \$ 5.00 |
| (3)  | 5.40  | (4)   | 10.00   |
| (5)  | 3.00  | (6)   | 3.00    |
| (7)  | 1.20  | (8)   | .50     |
| (9)  | 3.00  | (10)  | 3.00    |
| (11) | 3.00  | (12)  | 3.00    |
| (13) | 3.00  | (14)  | .40     |
| (15) | .60   | (17)  | .80     |
| (17) | 1.00  | (18)  | 10.00   |
| (19) | 15.00 | (20)  | 25.00   |
| (21) | 35.00 | (21a) | 3.00    |
| (22) | 4.00  | (24)  | 4.00    |
| (25) | 4.00  | (26)  | 4.00    |
| (27) | 1.00  | (28)  | 1.30    |
| (29) | 1.00  | (30)  | 4.00    |
| (31) | 6.75  | (32)  | 25.00   |
| (33) | 6.75  | (34)  | 20.00   |
| (35) | 20.00 | (36)  | 20.00   |
| (37) | 6.75  | (38)  | .10     |
| (39) | 2.00  | (40)  | 1.50    |
| (41) | 1.00  | (42)  | .50     |
| (43) | .40   | (44)  | 10.00   |
| (45) | 1.50  | (46)  | .07     |
| (47) | .05   | (48)  | .05     |
| (49) | .06   | (50)  | 3.00    |
| (51) | .20   | (52)  | .50     |
| (53) | 1.00  | (54)  | 2.00    |
| (55) | .50   | (56)  | .10     |
| (57) | .20   | (58)  | .30     |
| (59) | 2.00  | (60)  | 3.00    |
| (61) | 3.50  | (62)  | .20     |

**SAN DIEGO COUNTY—BRIDGE—(STATE)**

SAN DIEGO CO., Calif.—B. G. Carroll, 4396 Maryland St., San Diego, at \$16,811.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening a reinforced concrete girder bridge across San Onofre Creek, 17 mi north of Oceanside. Bridge consists of six 50-ft spans on concrete piers, with pile foundations.

The work involves:

- (1) 90 cu. y. existing portland cement concrete removed and disposed of;
- (2) 85 M gals. water;
- (3) 2,700 cu. y. structural borrow;
- (4) 1,000 cu. y. strucc. excav.;
- (5) 114,000 lb. bar reinf. steel;
- (6) 125 cu. y. Class A Portland cement concrete footing blocks;
- (7) 850 cu. y. do. strucc.;
- (8) 15 cu. y. do. (raiting);
- (9) 1,410 lf. Douglas fir piles, furnish;
- (10) 90 each do., driving;
- (11) 1,025 lf. reinf. conc. piles, including test piles, furnishing;
- (12) 36 each do., driving;
- (13) 5,400 lbs. cast steel rockers and

- bearings;
  - 26 cu. y. Class A Portland cement concrete slope paving and cut off walls;
  - 320 lf. temporary timber guard rail;
  - 2 each, clearance markers;
  - 1 lot misc. items of work
- Complete bid follows:
- (A) B G Carroll, 4396 Maryland St., San Diego, \$16,811.00
- (B) J. E. Haddock, Ltd., Pasadena \$18,181.10
- (C) Griffith Co., Los Angeles, \$18,993.00
- (D) Claude Fisher Co., Ltd., Los Angeles, \$49,415.20
- (E) D. W. Thurston, Los Angeles \$50,216.40
- (F) R. R. Bishop, Long Beach, \$51,615.50
- (G) C. O. Sparks and Mando Engr. Co., Los Angeles, \$52,281.40
- (H) Carlo Bongiovanni, Hollywood, \$55,484.40
- (I) Oscar Cheng, Los Angeles, \$55,777.60
- (J) Metropolitan Const. Co., Los Angeles, \$67,437.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 9.00	7.75	7.00	8.50	10.00	8.00	7.50	8.00	6.50	6.00
(2)	1.00	2.00	3.00	2.00	.69	3.50	4.00	3.00	1.00	6.00
(3)	.55	.70	.80	1.00	.55	.90	1.00	1.00	.75	.60
(4)	8.50	4.20	3.00	3.50	8.50	9.00	5.00	8.25	6.00	18.00
(5)	.045	.045	.045	.05	.055	.045	.06	.05	.047	.06
(6)	18.00	20.00	14.00	15.00	15.00	18.00	20.00	25.00	15.00	21.00
(7)	21.50	26.00	25.00	25.00	23.00	20.00	24.00	25.00	29.00	30.00
(8)	65.00	60.00	50.00	60.00	65.00	50.00	60.00	65.00	65.00	60.00
(9)	.40	.28	.45	.40	.41	.40	.42	.45	.48	.48
(10)	16.00	10.25	15.00	20.00	15.00	20.00	25.00	20.75	20.75	23.00
(11)	2.50	2.50	2.40	3.00	3.00	2.75	2.50	2.60	1.75	2.10
(12)	25.00	60.00	50.00	50.00	50.00	100.00	50.00	60.00	87.00	70.00
(13)	.25	.21	.26	.27	.25	.20	.24	.26	.24	.24
(14)	20.00	19.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	23.00
(15)	1.00	1.00	2.00	2.00	1.00	2.50	1.75	1.75	.75	1.50
(16)	15.00	10.00	10.00	10.00	3.00	15.00	20.00	10.00	9.25	9.75
(17)	500.00	1000.00	3000.00	1000.00	750.00	1000.00	2500.00	2500.00	1500.00	600.00

## 31—PIPE LINES &amp; WELLS

## BIDS WANTED

SAN FRANCISCO.—Until August 18, 3 p. m., bids will be received by the Public Utilities Commission, Rm 287, City Hall, under Spec. No. W.D. 151, for the laying of 2-, 6- and 8-inch cast iron mains in Greenwich, 22nd and Arkansas Streets, and in Harwood Alley.

## Work involves:

- (1) 1,660 lf. excav. and backfill for 8-in., 6-in. and 2-in. pipe trench 17 in. wide by 36 in. deep;
  - (2) 20 c.y. additional excav. and backfill;
  - (3) 40 sq. ft. additional pavement removal and replacement;
  - (4) (a) 270 lf. of 8-in. bell and spigot cast iron pipe;
  - (b) 320 lf. of 6-in. bell and spigot cast iron pipe;
  - (c) 470 lf. of 2-in. bell and spigot cast iron pipe;
  - (5) 3,500 lb. installing of fittings, gate valves, etc.;
  - (6) 180 lf. making joints for pipe and fittings;
  - (7) 1,300 sq. ft. repavement.
- Plans and specifications may be obtained at Room 605, 425 Mason St., upon deposit of \$5.00.

## BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 9, 2:00 P. M., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, California, for the construction and completion of a Gas Distribution System at the Sacramento Air Depot.

## Work involves:

- (A) Lump sum, gas distribution system, including main lines, building services, draps, valves, valve boxes, pipe, specials, fittings, etc.;
- (B) Furnishing of all labor and material, complete in place:
  - (1) Type "A," black steel wrapped pipe, including excavation, laying and connections, and backfilling:
    - (a) 8-in. diameter;
    - (b) 4-in. do.;
    - (c) 3-in. do.;
  - (2) Standard weight, black steel screw pipe wrapped, including excavation, laying and connections, and backfilling:
    - (a) 2-in. diameter;
    - (b) 1½-in. do.;
    - (c) 1¼-in. do.;
    - (d) 1-in. do.;
    - (e) ¾-in. do.;
  - (3) Valves, including excavation, placing and backfilling:
    - (a) 8-in. diameter;
    - (b) 4-in. do.;
    - (c) 3-in. do.;
    - (d) 2-in. do.;
    - (e) 1½-in. do.;
    - (f) 1¼-in. do.;
    - (g) 1-in. do.;
    - (h) ¾-in. do.;
  - (4) Valve boxes, including excavation, placing and backfilling:
    - (a) For 3-in. to 8-in. incl. sizes of valves;
    - (b) For ¾-in. to 2-in. incl. sizes of valves;
  - (5) Draps complete, including pipe valves, etc., excavation, placing and backfilling;
  - (6) Earth excavation, including backfill;
  - (7) Rock excavation, including backfill;
  - (8) Sheet piling ordered left in place.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

Time previously reported incorrect.

## BIDS WANTED

SACRAMENTO, Calif.—Until August 9th, 2:00 P. M., bids will be received by the Constructing Quartermaster,

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$26,442, submitted low bid to the Department of Public Works, Room 253, City Hall, under Spec. No. 19042, for the construction of a maintenance yard for the auxiliary water supply system for fire protection in Jerrold Avenue, between Barnwell Avenue and Upton Street. PWA job. Estimated cost, \$31,000.

## Work involves:

- (1) 6,470 sq. ft. roadway (2-in. asphaltic concrete, 8-in. macadam base);
  - (2) 50,000 sq. ft. surfacing storage area (3-in. macadam);
  - (3) Track work, complete;
  - (4) Fence;
  - (5) Buildings, test plant and shed;
  - (6) Plumbing and sewers;
  - (7) Electrical equipment;
  - (8) Removal of drain pipe;
- |      | (A)     | (B)     | (C)     | (D)     | (E)     |
|------|---------|---------|---------|---------|---------|
| (1)  | \$ 32   | \$ 16   | \$ 20   | \$ 21   | \$ 225  |
| (2)  | 046     | 03      | 05      | 0242    | 054     |
| (3)  | 3030.00 | 2800.00 | 6350.00 | 3141.25 | 4119.00 |
| (4)  | 1646.00 | 1800.00 | 1350.00 | 1350.00 | 1442.00 |
| (5)  | 4600.00 | 4830.00 | 5500.00 | 5414.97 | 7500.00 |
| (6)  | 2180.00 | 2000.00 | 1800.00 | 1550.00 | 1988.00 |
| (7)  | 3020.00 | 3000.00 | 3000.00 | 3500.00 | 3500.00 |
| (8)  | 915.00  | 850.00  | 1060.00 | 1853.13 | 1119.84 |
| (9a) | 058     | 05      | 10      | 475     | 06      |
| (9b) | 037     | 06      | 04      | 03      | 04      |
| (9c) | 3.70    | 5.00    | 10.00   | 4.00    | 5.667   |
| (10) | 610.00  | 1000.00 | 2000.00 | 2713.33 | 1317.00 |
| (11) | 1076.60 | 1500.00 | 3000.00 | 2985.03 | 2225.00 |
| (12) | 1.22    | 1.10    | 1.70    | 1.70    | 1.54    |
| (13) | 2330.00 | 1500.00 | 500.00  | 870.00  | 1270.00 |
| (14) | 370.00  | 1200.00 | 500.00  | 3253.53 | 3030.67 |

## SHASTA COUNTY—GRADING—(Cont.)

SHASTA COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$112,555.90 submitted low bid to C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading about 5,133 miles, Section J of Rte. 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

## Work involves:

- (1) 33.5 acres clearing;
- (2) 33.5 acres grubbing;
- (3) 142,100 c.y. unclass. excav.;
- (4) 820 c.y. do. for structures;
- (5) 15,000 c.y. do. for borrow;
- (6) 794.00 sta. yds. overhaul;
- (7) 155 c.y. Class A concrete;
- (8) 73 c.y. Class B concrete;
- (9) 28,300 lbs. reinf. steel;
- (10) 6.78 MABM untreated timber;
- (11) 318 c.y. loose rock retaining wall
- (12) 230 lf. 8-in. asph. dipped corrug. galv. sheet metal pipe;
- (13) 1,138 lf. 18-in. corrug. galv. sheet metal pipe;
- (14) 622 lf. 24-in. do.;
- (15) 100 lf. 30-in. do. (14 gauge);

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$175.00	\$200.00	\$150.00	\$400.00	\$200.00	\$350.00	\$250.00
(2)	125.00	125.00	50.00	50.00	75.00	50.00	150.00
(3)	50	54	54	57	85	77	1,275
(4)	250	125	200	400	200	200	200
(5)	25	22	60	40	25	60	50
(6)	01	01	06	01	005	01	015
(7)	30.00	25.00	32.50	37.00	40.00	36.00	45.00
(8)	30.00	26.00	30.00	38.00	40.00	36.00	50.00
(9)	07	06	065	08	067	07	07
(10)	200.00	150.00	200.00	200.00	150.00	200.00	60.00
(11)	5.50	5.00	4.00	5.00	4.50	8.00	20.00
(12)	1.30	1.00	1.30	1.50	1.15	1.30	1.50
(13)	2.15	1.75	1.90	2.50	1.95	2.00	3.00
(14)	3.25	2.65	2.75	3.50	2.85	3.00	4.00
(15)	4.90	3.40	3.75	5.00	3.45	4.00	4.50
(16)	5.15	4.35	4.00	6.00	4.40	5.00	5.00
(17)	20.00	12.00	30.00	30.00	18.00	30.00	25.00
(18)	1.00	.75	1.00	1.00	1.25	1.00	2.00
(19)	65.00	30.00	50.00	40.00	50.00	40.00	50.00
(20)	10.00	10.00	10.00	30.00	15.00	10.00	15.00
(21)	4.00	3.00	3.00	4.00	3.00	4.00	10.00
(22)	3.50	1.50	3.00	4.00	2.50	4.00	10.00
(23)	150.00	150.00	150.00	150.00	150.00	150.00	150.00
(24)	250.00	250.00	250.00	250.00	250.00	250.00	250.00

- (9a) 5,000 sq. ft. cleaning and painting exterior surfaces of pipes and specials;
- (9b) 4,000 sq. ft. cleaning interior surfaces of pipes and specials;
- (9c) 60 pipes, cutting and grooving C.I. pipe;
- (10) Reconditioning and installation of machinery;
- (11) Construction of platforms, racks and skids;
- (12) 2,400 tons hauling;
- (13) Loading, unloading and stacking;
- (14) Cleaning up both yards.

## Total bids follow:

(A) Eaton & Smith, 715 Ocean Ave., S. F.	\$26,442.00
(B) M. J. Lynch	26,445.00
(C) Chas. L. Harney	33,134.00
(D) E. J. Treacy	33,987.24
(E) R. Flatland	36,203.76

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 32	\$ 16	\$ 20	\$ 21	\$ 225
(2)	046	03	05	0242	054
(3)	3030.00	2800.00	6350.00	3141.25	4119.00
(4)	1646.00	1800.00	1350.00	1350.00	1442.00
(5)	4600.00	4830.00	5500.00	5414.97	7500.00
(6)	2180.00	2000.00	1800.00	1550.00	1988.00
(7)	3020.00	3000.00	3000.00	3500.00	3500.00
(8)	915.00	850.00	1060.00	1853.13	1119.84
(9a)	058	05	10	475	06
(9b)	037	06	04	03	04
(9c)	3.70	5.00	10.00	4.00	5.667
(10)	610.00	1000.00	2000.00	2713.33	1317.00
(11)	1076.60	1500.00	3000.00	2985.03	2225.00
(12)	1.22	1.10	1.70	1.70	1.54
(13)	2330.00	1500.00	500.00	870.00	1270.00
(14)	370.00	1200.00	500.00	3253.53	3030.67

## SHASTA COUNTY—GRADING—(Cont.)

- (16) 82 lf. 30-in. do. (12 gauge);
  - (17) 37 each spillway inlets, type A;
  - (18) 48 lf. placing Govt. furnished 26-in. CGSM pipe;
  - (19) 6 each drop inlets, 18-in.;
  - (20) 6 each, reinf. concrete inlet covers;
  - (21) 35 each right of way monuments type A;
  - (22) 37 each culvert markers;
  - (23) Force account, remove and relay water pipe line;
  - (24) Force account, tree protection.
- Complete bids follow:
- (A) A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, \$112,555.90.
  - (B) E. L. Gates, Trail, Oregon, \$114,662.50.
  - (C) Hemstreet & Bell, Marysville, \$115,450.70.
  - (D) Larsen and Harms Bros., Sacramento, \$133,578.00.
  - (E) Young & Son Co., Ltd., Berkeley, \$138,214.00.
  - (F) Isbell Const. Co., Reno, Nevada, \$160,915.00.
  - (G) Wickes Engr. & Const. Co., Des Moines, Iowa, \$244,058.30.

**KLAMATH CO.—Improve Road—(Govt.)**

KLAMATH CO., Ore.—Saxton and Looney and J. S. Risley, Henry Bldg., Portland, at \$62,804, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing and improving about 3,939 miles of Crater Lake National Park, Rim Rd. Cloud Gap to Kerr Notch, Project 7-C1 surfacing, National Park Road Project, located within the Crater Lake National Park, Klamath County.

**Work involves:**

- (1) 1 all lump extra and misc. force account work;
- (2) 2000 c.y. unclass. excav.;
- (3) 1000 c.y. unclass. excav.;
- (4) 300 c.y. unclass. excav. for struct.;
- (5) 5000 sta. y. special overhaul;
- (6) 500 c.y. ml. special overhaul;
- (7) 1000 sta. y. special overhaul;
- (8) 100 c.y. ml. special overhaul;
- (9) 3.939 miles fine grading of sub-grade and shoulders;
- (10) 10,000 tons heavy base course, 1½-in. matk.;
- (11) 12.45 miles road reconditioning;
- (12) 150 units watering;
- (13) all required prov. and maint. water plant or plants;
- (14) 7500 tons crusher run top course

- (15) 500 tons suppl. crushed stone;
  - (16) 400 units watering;
  - (17) all req. prov. and maint. water plant or plants;
  - (18) 150 tons cutback asph. MC-2 gd. for prime coat;
  - (19) 375 tons do.;
  - (20) 200 c.y. bot. mix. in stockpiles;
  - (21) 200 c.y. bit. Class A cement stone masonry (wall and rail footings);
  - (22) 100 c.y. do. (type No. 2 GR);
  - (23) 2000 ft. Class A cem. stone masonry (curbstone);
  - (24) 800 ft. log crib type 4-A;
  - (25) 400 tons boulders for landscaping.
- Complete bids follow:
- (A) Saxton, Looney and J. S. Risley, Henry Bldg., Portland, Ore. \$62,804
  - (B) A. Milne, 7255 NE Broadway, Portland, Ore. 64,627
  - (C) Clifford A. Dunn, Klamath Falls, Ore. 68,013
  - (D) Homer G. Johnson, Imperial Hotel, Portland, Ore. 70,265
  - (E) Babler Bros., 2107 NW 10th, Portland, Ore. 71,499
  - (F) A. C. Greenwood, 3201 NW Front, Portland, Ore. 81,126

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$5000.00	\$5000.00	\$5000.00	\$5000.00	\$5000.00	\$5000.00
(2).....	.35	.35	.40	.60	.50	.70
(3).....	.30	.35	.40	.60	.50	.70
(4).....	1.00	.75	1.20	1.60	1.00	1.50
(5).....	.02	.05	.02	.05	.02	.05
(6).....	.20	.20	.20	.25	.20	.30
(7).....	.02	.05	.02	.05	.02	.05
(8).....	.20	.20	.20	.25	.20	.30
(9).....	150.00	200.00	500.00	600.00	500.00	500.00
(10).....	1.43	1.60	1.50	2.00	1.88	1.80
(11).....	150.00	100.00	100.00	50.00	200.00	400.00
(12).....	2.00	2.00	2.00	2.00	2.00	4.00
(13).....	10.00	500.00	300.00	500.00	1.00	750.00
(14).....	1.40	1.60	1.70	1.80	1.88	1.80
(15).....	1.40	1.60	1.50	2.00	2.00	1.50
(16).....	1.50	2.00	1.75	3.00	3.00	4.00
(17).....	10.00	500.00	300.00	500.00	500.00	200.00
(18).....	30.00	27.00	28.00	30.00	30.00	30.00
(19).....	28.50	27.00	28.00	29.00	24.00	30.00
(20).....	1.50	3.00	3.00	3.50	3.50	4.00
(21).....	15.00	12.00	14.00	18.00	12.00	18.00
(22).....	20.00	30.00	30.00	24.00	25.00	30.00
(23).....	1.25	1.50	2.00	1.50	1.50	2.00
(24).....	2.50	1.25	2.00	1.50	1.50	2.50
(25).....	6.00	2.00	3.00	2.50	2.00	4.00

master, Sacramento Air Depot, California, for the construction and completion of a Gas Distribution System at the Sacramento Air Depot.

Plans and specifications may be obtained at the above office, upon the deposit of \$10.00.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS OPENED**

SAN FRANCISCO.—M. F. Lynch, 1435 Church St., at \$398, submitted low bid to the Dept. of Public Works, City Hall, for repairs to outlet sewer on the beach opposite Vicente St.

**Complete bids follow:**

M. F. Lynch.....	\$398.00
Robt Garcia.....	442.00
E. J. Treacy.....	699.90
S. F. Trading Co.....	728.00
Mills Const. Co.....	745.00
Martin Murphy.....	781.00
M. B. McGowan.....	996.00

**BIDS WANTED**

WHITTIER, Los Angeles Co., Cal.—Until July 30, 2 p.m., bids will be received by M. R. Bowen, Street Supt., City of Whittier, 205 N. Greenleaf Ave., Whittier, for the construction of sewers in various streets and alleys in Tract No. 11281, City of Whittier. The work will be done under the supervision of the Street

Superintendent, and will be paid for by the owner of the tract. The work involves:

- (1) 3700 ft. 6-in. vit. pipe sanitary sewer;
- (2) 14 manholes;
- (3) 950 ft. house connections

Plans and specifications may be obtained at the above office upon deposit of \$10.

**BIDS WANTED**

BONNEVILLE, Ore.—Until August 20, 3 p.m., bids will be received by the District Engineer, U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-28-23, for constructing a permanent lining for Buckel Slide drainage tunnels near Bonneville, Oregon.

**Work involves:**

- (1) 240 c.y. excav.;
- (2) 425 MFBM cross-tied timber, in place;
- (3) 376 11 30-in. corrug. iron outlet pipes, in place;
- (4) 32 11 36-in. corrug. iron outlet pipes, in place;
- (5) 52 MFBM timber backfill, in place;
- (6) 360 c.y. outlet pipe backfill, in place;
- (7) 45 11 shaft lining, in place.

Plans and specifications may be obtained from the above office. Items 3 and 4 previously reported incorrect.

BONNEVILLE, Oregon.—Until August 20, 3 p.m., bids will be received by the District Engineer, U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-28-23, for constructing a permanent lining for Buckel Slide drainage tunnels near Bonneville, Oregon.

**Work involves:**

- (1) 240 c.y. excav.;
- (2) 425 MFBM cross-tied timber, in place;
- (3) 250 11 30-in. corrug. iron outlet pipes, in place;
- (4) 36 11 36-in. corrug. iron outlet pipe, in place;
- (5) 52 MFBM timber backfill, in place;
- (6) 360 c.y. outlet pipe backfill, in place;
- (7) 45 11 shaft lining, in place.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

SAN FRANCISCO.—M. F. Lynch, 1435 Church St., at \$398, was awarded contract by the Department of Public Works, City Hall, for repairs to outlet sewer on the beach opposite Vicente Street.

**33—WATER WORKS**

**BIDS OPENED**

OAKLAND, Calif.—Following submitted identical bids at \$7400, 5% cash discount, to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 801, for two redwood tanks, 256,000-gal. capacity each:

George Winderler Co., Ltd., San Francisco.

Chas. L. Lamb Lumber Co., Oakland.

Pacific Tank & Pipe Co., Oakland.

Piedmont Lumber & Mill Co., Piedmont.

Pacific Wood Tank Corp., Western Pipe & Steel Co., San Francisco, submitted a bid for steel tanks at \$3,070 down; \$3,622 50 erect.

**CONTRACT AWARDED**

FILLMORE, Ventura Co., Calif.—Fillmore Concrete Pipe Works, Fillmore, at \$8327.66, has been awarded the contract by the Fillmore city council for constructing six water system projects. The work involves trenching, laying, and backfilling for approximately 24,000 ft. 8-in., 6-in., 4-in., and 10-in. pipe, materials furnished under separate contracts.

**TO ASK FOR BIDS**

PASCO, Franklin Co., Washington. Bids will be called for water tank for the city by D. W. McGhee, City Water Supt. Since the city is determined as to the size, bids will be called for tanks 70 ft. 8-in. and 95 ft. high with capacities of 300,000, 100,000 and 500,000 gals.

Pittsburgh-Des Moines Steel Co. has submitted a price of \$29,400 for 100,000-gal. tank not including foundation.

**BIDS WANTED**

SAN FRANCISCO.—Until Aug 11, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 10405 for the installation of hydrant lines in Francisco Street at Van Ness Avenue, and in Folsom Street between 14th and 15th Streets. P.W.A. job. Estimated cost, \$1800.

**Work involves:**

- Cast Iron Pipe and Special Castings, In Place
- (1) 11 11 20-in. class H bell and steel pipe
- (2) 14 11 12-in. class H double spool, plain



LOS ANGELES COUNTY—BRIDGE—(STATE)

LOS ANGELES CO., Calif.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at \$18,670, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete slab bridge across Eaton Wash, one mile east of San Gabriel, consisting of one 58-ft. 2.5-in. slab span on concrete abutments with timber wing walls, and grading and surfacing approaches with plant-mixed surfacing.

The work involves:

- (1) 1 only remove and dispose of existing bridge;
- (2) 4 sta. clear and grub;
- (3) 30 M. gals. water;
- (4) 400 c.y. rdwy. excav., unclass.;
- (5) 300 c.y. imported borrow;

- (6) 800 c.y. struc. excav.;
- (7) 1 sta. finishing rdwy.;
- (8) 12,000 sq. ft. asphalt, SC-2 (Prime coat);
- (9) 200 tons mineral agg. (plant-mix surf.);
- (10) 10 tons liq. asphalt, ROMC-4 or ROMC-5 (plant-mix surf.);
- (11) 12,000 lbs. bar reinf. steel;
- (12) 710 c.y. Class A portland cement concrete (struc.);
- (13) 7 c.y. do. (ralling);
- (14) 7 MFMB redwood timber, dense, select, all-heart struc. grade;
- (15) 59 1/2 in. CMP;
- (16) 156 lf. solid timber guard railing;
- (17) 1 lot misc. items of work.

The State will furnish CMP and band couplers.

Complete bids follow:

(A) Dimmitt & Taylor, 815 E 59th

- St., Los Angeles, \$18,647.70.
- (B) Oscar Oberg, Los Angeles, \$18,821.70.
- (C) J. E. Haddock, Ltd., Pasadena, \$19,003.20.
- (D) Claude Fisher Co., Ltd., Los Angeles, \$19,871.00.
- (E) Carlo Bongiovanni, Hollywood, \$19,950.20.
- (F) J. R. Lippincott, Los Angeles, \$21,496.55.
- (G) Geo. J. Bock Co., Los Angeles, \$21,942.00.
- (H) W. J. McCune, Montevia, \$21,866.40.
- (I) C. O. Sparks, et al., Los Angeles, \$22,714.00.
- (J) D. A. Loomis, Glendale, \$23,010.00.
- (K) R. R. Bishop, Long Beach, \$23,836.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$350.00	\$600.00	\$180.00	\$400.00	\$200.00	\$450.00	\$300.00	\$500.00	\$300.00	\$200.00	\$500.00
(2)	30.00	10.00	20.00	25.00	10.00	31.50	15.00	80.00	25.00	10.00	50.00
(3)	1.75	1.00	2.00	2.00	3.00	3.15	2.00	2.50	4.00	3.00	4.00
(4)	.35	1.15	.50	.30	1.00	1.90	.50	.40	.50	1.00	.50
(5)	.35	.65	.75	.40	1.00	1.60	.75	1.32	1.00	1.00	.70
(6)	.70	.50	1.00	1.00	1.00	1.95	1.50	1.60	1.50	1.50	1.00
(7)	10.00	10.00	10.00	10.00	10.00	15.75	12.00	50.00	5.00	15.00	25.00
(8)	18.00	15.00	25.00	25.00	20.00	31.50	25.00	20.00	25.00	20.00	25.00
(9)	2.50	2.50	2.75	3.50	3.50	3.50	3.50	4.50	3.00	2.25	2.50
(10)	15.00	15.00	15.00	16.00	10.00	20.00	15.00	5.00	16.00	25.00	17.50
(11)	.045	.0425	.043	.045	.045	.0485	.055	.0462	.06	.046	.043
(12)	14.70	14.15	14.50	15.00	14.00	14.25	14.80	16.00	14.50	17.30	18.00
(13)	50.00	40.00	50.00	60.00	65.00	62.00	65.00	60.00	65.00	70.00	70.00
(14)	50.00	52.00	100.00	90.00	70.00	64.25	130.00	100.00	130.00	130.00	65.00
(15)	.60	.50	.40	.50	1.00	1.30	.50	1.00	1.00	1.00	1.00
(16)	1.20	1.45	1.20	1.00	1.70	1.55	1.75	1.00	1.50	1.25	2.50
(17)	200.00	675.00	300.00	100.00	850.00	200.00	760.00	400.00	1000.00	700.00	2000.00

MENDOCINO COUNTY—GRADING—(State)

MENDOCINO CO., Cal.—Charles L. Harney, 433 Call Bldg., San Francisco, at \$38,579.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying a penetration oil treatment to one and two-tenths miles between the south-easterly boundary and Point Arena

Work involves:

- (1) Clear and grub right of way;
- (2) 800 M. gals. water;
- (3) 47,500 c.y. rdwy. excav., unclass.
- (4) 700 c.y. ditch and channel excav.
- (5) 68,000 sta. yds. overhaul;
- (6) 5,150 c.y. imported borrow;
- (7) 1,000 c.y. struc. excav.;
- (8) 65 sta. finishing rdwy.;
- (9) 41 tons liquid asphalt, SC-2;
- (10) 750 lbs. bar reinf. steel;
- (11) 18 c.y. Class A portland cement concrete struc.;

- (12) 42 MFMB redwood timber, dense select all-heart struc. grade;
- (13) 160 lf. 8-in. CMP;
- (14) 80 lf. 12-in. CMP;
- (15) 180 lf. 18-in. CMP;
- (16) 70 lf. 30-in. CMP;
- (17) 262 lf. 80-in. CMP, 8-gauge;
- (18) 30 lf. existing pipe culverts, remove and relay;
- (19) 3 each splyway assemblies;
- (20) 1 each taper inlet;
- (21) 1 each frame and grating for drop inlet;
- (22) 15 each culvert markers;
- (23) 10 each guide posts;
- (24) 2 1/2 miles new property fences;
- (25) 14 each drive gates;
- (26) 52 each monuments complete in place;
- (27) 1 lot existing bridges, remove and dispose of.

The State will furnish CMP embankment protectors and taper inlet.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$3400.00	\$2500.00	\$4000.00	\$1200.00	\$1500.00	\$3300.00	\$2600.00	\$1500.00	\$1150.00	\$1500.00	\$2000.00
(2)	.90	1.25	1.50	1.25	1.00	2.00	2.00	2.00	2.00	1.00	1.50
(3)	.27	.33	.36	.35	.235	.46	.41	.55	.45	.57	.60
(4)	1.00	1.00	.80	.90	.50	.75	.75	1.00	.95	1.30	2.00
(5)	.01	.01	.01	.01	.005	.01	.01	.01	.01	.01	.01
(6)	1.60	1.10	1.00	1.70	3.00	1.70	2.00	1.10	2.00	1.00	1.50
(7)	1.00	1.30	1.00	1.00	1.10	.75	1.50	1.50	2.00	1.50	2.00
(8)	5.00	5.00	10.00	8.00	8.00	8.00	9.00	10.00	10.00	15.00	5.00
(9)	28.00	25.00	23.00	27.00	25.00	36.00	31.00	22.00	32.50	25.00	40.00
(10)	.07	.10	.10	.10	.10	.06	.08	.06	.10	.11	.10
(11)	34.00	40.00	40.00	30.00	27.50	30.00	35.00	30.00	30.00	35.00	35.00
(12)	97.50	100.00	75.00	105.00	87.00	81.00	110.00	95.00	100.00	100.00	100.00
(13)	.50	.50	.70	.50	.40	.40	.30	.50	.40	.60	1.00
(14)	.65	.85	.80	.80	.45	.50	.30	.50	.50	.80	1.00
(15)	.75	1.00	1.00	.75	.65	.60	.50	.55	.60	1.20	1.50
(16)	1.00	1.30	1.30	1.25	.90	1.00	1.00	.60	1.00	2.00	2.00
(17)	3.00	5.00	3.00	1.70	2.50	2.50	4.00	2.50	2.00	5.00	1.00
(18)	.75	1.00	1.00	1.25	.50	1.50	1.50	.50	1.00	2.00	2.00
(19)	5.00	4.00	3.00	5.90	6.00	10.00	14.00	5.00	10.00	25.00	12.00
(20)	5.00	5.00	3.00	6.00	3.00	10.00	15.00	5.00	5.00	75.00	10.00
(21)	62.50	50.00	50.00	60.00	25.00	60.00	50.00	20.00	40.00	75.00	30.00
(22)	2.50	3.00	3.50	3.00	2.50	3.00	2.50	3.00	2.50	4.00	4.00
(23)	2.50	3.00	3.00	3.00	2.50	2.50	2.50	3.00	2.50	5.50	4.00
(24)	900.00	1050.00	1200.00	1700.00	1000.00	1000.00	650.00	1000.00	1370.00	1200.00	850.00
(25)	21.00	23.00	20.00	20.00	15.00	25.00	23.00	25.00	15.00	30.00	20.00
(26)	3.50	2.50	3.50	2.00	2.00	3.00	3.00	3.00	3.00	1.00	1.00
(27)	1000.00	500.00	2000.00	2000.00	2500.00	750.00	1000.00	1400.00	1400.00	1800.00	600.00

# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## CANAL ZONE

PANAMA CANAL.—Until Aug. 3, 10:30 a.m., bids will be received by the Office of the General Purchasing Officer, H. A. Smith, Washington, D. C., under Sched. No. 3275, for furnishing welded steel pipe, split dies, bolt dies, ship augers, auger bits, miter boxes, ratchet braces, wood chisels, screw clamps and rubber bands. Specifications obtainable from the above office.

## LOS ANGELES CITY

LOS ANGELES, Calif.—Until Aug. 5, 2 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for instrument transformers f.o.b. 1630 N. Main Street; Spec. 2364. The items are:

- (1) 2 current transformers, ratio 400 to 5 amp;
- (2) 48 same, ratio 100 to 5 amp;
- (3) 18 same, ratio 400 to 5 amp;
- (4) 6 same, ratio 100 to 5 amp;
- (5) 15 same, ratio 150-150 to 5 amp, max voltage 2500;
- (6) 15 same, ratio 200-200 to 5 amp, max voltage 2500;
- (7) 15 same, ratio 300-300 to 5 amp, max. voltage 2500;
- (8) 15 same, ratio 400-400 to 5 amp, max. voltage 2500.

LOS ANGELES—Until Aug. 2, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 13,151,000 lbs. steel reinf. bars deliv. f.o.b. R.R. cars at vendor's plant and/or f.o.b. cars at San Gabriel, West Glendale, Dominguez Junction, and Hauser siding. Circ. Prop. 7. Bid bond 10% must accompany bid.

LOS ANGELES—Until Aug. 2, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 30,000 c.y. coarse aggregate and 15,000 c.y. sand delivered into government batching plant or stock piles at 5900 Venice Blvd. Circ. Prop. 5. Bid bond 10% must accompany bid.

LOS ANGELES—Until Aug. 4, 3 p.m., bids will be received by U.S. Engineer, Los Angeles, for 21,200 c.y. coarse aggregate and 13,000 c.y. sand delivered to stockpile or government batching plant at Verdugo Road and Monterey St., Glendale. Circ. Prop. 8. Bid bond 10% must accompany bid.

LOS ANGELES—Until Aug. 4, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 40,000 cu ft. acetylene and 50,000 cu ft. oxygen. Circ. Prop. 9.

LOS ANGELES, Cal.—Until Aug. 2, 10 a.m., bids will be received by Los Angeles Water & Power Purchasing Agent for 20,000 ft. rubber-insulated wire, 19-22 AWG; Bid 1821.

LOS ANGELES, Cal.—Until Aug. 3, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, for 23,000 gallons of concrete sealing solution, liquid, black. Circ. Prop. 10.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement

Officer, Room 514, 49 Fourth Street, San Francisco, for rental of equipment for use on WPA projects, as follows:

AUGUST 2, 10 A. M.:

BID NO. 4319: Rental—1½ ton stake body truck; for one month's use in Winters;

BID NO. 4318: Rental—one circular table saw for three months' use in Shafter.

Specifications obtainable from the above office.

August 3, 10 A. M.

BID NO. 8,285—Parts for skil saw-sander; f.o.b. P. S. Navy Yard.

August 10, 10 A. M.

BID NO. 8,23671—12 pairs hinges, butt; f.o.b. P. S. Navy Yard.

August 11, 10 A. M.

BID NO. 8 NSA 7569—25 feet steel seamless tubing; f.o.b. P. S. Navy Yard.

Specifications obtainable from the above office.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

SOH 1254—Low tension electric cable, for eastern and western yds.; August 10.

SOH 1275—Motor driven portable type grinder, for Puget Sound, August 3.

SOH 1269—Motor driven plug cutting machine, for Puget Sound, August 3.

SOH 3107—Steel, corrosion-resisting, sheet and strips, for eastern and Puget Sound, August 6.

SOH 1306—Equipments, bus transfer, and spares for eastern yards & Puget Sound, August 6.

SOH 1268—Screws and nuts, machine; screws, wood and set, for eastern and western yards, August 10.

SOH 1287—Motor head variety saw bench, for Mare Island, Aug. 10.

SOH 1296—Motor driven hollow chisel mortiser, for eastern and western yards, August 10.

SOH 1297—Universal coil winder, for eastern or western yards, August 10.

SOH 1312—8,500 lbs. naval brass bar, 150 lbs. phosphor bronze bar and 1600 lbs. hard drawn bar copper, for eastern or western yards, August 10.

SOH 1329—6,000 ft. pneumatic hose, for Puget Sound, August 13.

SOH 1311—Hand-operated hydraulic pump, 6000 lbs. pressure; 1 do., 8000 lbs. pressure, for Puget Sound, August 10.

SOH 1303—Two oil-fired heating kettles, for melting bituminous enamel, for eastern or western yards, August 10.

SOH 1314—Motor-driven metal cutting hack saw, for Puget Sound, August 10.

SAN FRANCISCO, CALIF.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., San Francisco for RENTAL of equipment for use on WPA projects, as follows: August 2, 10 A. M.

BID NO. 4331—One granite polishing machine; 4 speeds; for about one month's use in San Francisco.

BID NO. 4321—One paint spraying machine, 2 wheel trailer type, for about 200 hours' use in Shafter, Kern Co.

August 3, 10 A. M.

BID NO. 4320—One concrete mixer, 3½ c.y. capacity; for about three months' use in Shafter, Kern Co.

BID NO. 4323—One ditch digger, trenching machine, crawler type; for about 45 hours' use in Arvin, Kern Co.

BID NO. 4322—One ditch digger, trenching machine, crawler type; for about 45 hours' use in Shafter, Kern Co.

Specifications obtainable from the above office.

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

BID NO. 4334—Bushings, cement, pipe, hds., etc.; f.o.b. Aquatic Park, Berkeley.

BID NO. 4335—Couplers, metal pipe, etc.; f.o.b. Mt. Diablo St. Park, about 8 mi. from Danville.

BID NO. 4326—43,780 lb. copper wire; f.o.b. Alameda.

August 3, 10 A. M.

BID NO. 4330—274 lf. reinf. concrete pipe of various sizes; f.o.b. Oakland.

BID NO. 4329—245 kerosine stoves; f.o.b. Shafter.

BID NO. 4337—390 lf. reinf. concrete pipe, 24-in.; f.o.b. Oakland.

Specifications obtainable from the above office.

## WAR DEPARTMENT

SACRAMENTO, Cal.—Until Aug. 4 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for furnishing supplies as follows:

BID NO. 1105-38-13: 750 tons of road rock; fob Rio Vista;

BID NO. 1105-38-14: 7400 gallons of road oil; fob Rio Vista.

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**FORT MASON, Calif.**—Until Aug. 9, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, Calif., under Bid No. 928-38-18, for furnishing ethyl alcohol, cotton sheeting, talcum powder, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Aug. 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorat, C. E., District Engineer, 401 Custom House, under Bid No. 868-38-9, for furnishing 490 lb. corrugated galvanized pipe.

Plans and specifications may be obtained from the above office.

**SACRAMENTO, Cal.**—Until Aug. 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Spec. No. 1105-38-21, for furnishing nipples, bushings, fittings, chisels, saw blades, etc.; fob Rio Vista.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until Aug. 9, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 298-38-26, for furnishing 11 platform scales, 300 lbs. capacity; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Bids will be received by the U. S. Engineer's Office, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

August 3, 3 P. M.

**BID NO. 1105-38-19**—Welding rods of various sizes; f.o.b. Rio Vista.

August 4, 3 P. M.

**BID NO. 1105-38-18**—Five calipers, various types; f.o.b. Rio Vista.

August 5, 3 P. M.

**BID NO. 1105-38-20**—320 round timber piles; f.o.b. bidder's shipping point.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until Aug. 6, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-25, for furnishing parts for trucks (Wisconsin axle, front and rear), Dodge trucks of various sizes, and misc. parts identified by Spicer Co. part numbers and Timken Axle Co. ditto; for shipment to the Philippine Islands.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until Aug. 3, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 1105-38-17, for furnishing 176,000 ft. lumber for mattress revetment construction, 1-in. by 4-in.; f.o.b. bidder's shipping point.

Specifications obtainable from the above office.

**FORT McDOWELL, Calif.**—Until August 6, 10:30 A. M., bids will be received by the Quartermaster, Fort McDowell, California, under Prop. No. 536-38-1, for furnishing Oregon pine, misc. lumber, nails lead oil, turpentine, drier, ocher, enamel, and paint supplies; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until Aug. 11, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-27, for furnishing 300 lbs. procurers, jacket type, without collar, adult, block cork; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until August 10, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-24, for furnishing bunting wool, anchor shackles, kerosine, oil lard, wire, friction tape, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

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### SAN FRANCISCO CITY

**SAN FRANCISCO.**—Bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, for furnishing supplies and materials, as follows:

AUGUST 9, 3 P. M.:

**BID NO. 1872:** physics equipment for school department;  
**BID NO. 1871:** 48 steel car wheels for Municipal Railway.

AUGUST 13, 3 P. M.:

**BID NO. 2873:** 150 pairs of 5- by 10- in high axle bearings.  
Specifications obtainable from the above office.

### MET. WATER DISTRICT

**LOS ANGELES, Calif.**—Until Aug. 5, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent for one centrifugal pumping unit, capacity 2600 g.p.m.; complete with motor and electric accessories, except motor control equipment; f.o.b. Banning. Bid 86584.

**LOS ANGELES, Calif.**—Until Aug. 9, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent for galvanized steel cable racks and gutters for use at Colorado River Aqueduct Pumping Plants. Spec. 224. Certified or cashier's check 10% must accompany bid.

**LOS ANGELES, Cal.**—Until Aug. 3, 10 A. M., bids will be received by the Metropolitan Water District, 206 W 3rd St., Los Angeles, for welded steel tanks for use in storing transformer and switch oil at the Colorado River Aqueduct pumping plants, Spec. No. 227. Copies of the specifications may be obtained from the office of the engineer, room 1007, 306 W 3rd St., Los Angeles, upon deposit of \$2, not returnable. Certified or cashier's check, 10%. F. E. Weymouth, general manager and chief engineer.

### U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, H. R. Marsh, Acting Supply Officer, Government Island, Calif., for furnishing supplies and materials, as follows:

August 2, 2 P. M.

**BID NO. 5039**—Telephone switchboard parts; f.o.b. Government Island.

**BID NO. 5008**—24 dozen hatchet handles; 36 doz hammer handles; f.o.b. Government Island.

**BID NO. 5037**—400 forest service shields; f.o.b. Government Island.

**BID NO. 5038**—CMP culvert of various sizes; f.o.b. San Jose.

Specifications obtainable from the above office.

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## IN THIS ISSUE



State Invites Oiling, Bridge  
Proposals



*\$3,382,000 July S. F. Building Total*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., AUGUST 7, 1937

No. 29

## STATE OPENS BIDS IN L. A. ON ROAD JOBS

**Hollywood Bidder Low on Imperial Grading; L. A. Firms Bid Other Contracts**

LOS ANGELES, Aug. 5.—Low bids aggregating approximately \$211,000 were received at the office of the State Highway Engineer here today on four Southern California highway and bridge projects.

G. W. Ellis, 8240 Lankershim boulevard, Hollywood, at \$37,460 was low bidder for grading and surfacing about 9.4 miles in Imperial county, between Holtville and Brawley. Second low proposal was \$38,314, submitted by R. E. Hazard & Sons, San Diego.

For widening shoulders and surfacing on about six miles between West Covina and Pomona, Los Angeles county, Claude Fisher Co., Ltd., 2455 East Fifty-fifth street, Los Angeles, submitted a low bid of \$67,420, with George J. Boek Co., Los Angeles, bidding second at \$79,324.

### Ventura Bridge

J. E. Haddock, Ltd., 357 N. Chester avenue, Pasadena, was low at \$40,363 for constructing a reinforced concrete girder bridge across Big Sycamore Creek about 10 miles south of Oxnard, Ventura county. Second low bid was that of R. R. Bishop, Long Beach, at \$41,220.

With a proposal of \$16,836, Oswald Bros., 366 East Fifty-eighth street, Los Angeles, submitted low bid for applying road-mix surfacing to about 16.9 miles of shoulders in San Bernardino and Riverside counties. George Herz & Co., San Bernardino, was second at \$18,325.

### BOILER ORDERS GAIN

New orders for steel boilers taken during the first six months of 1937 totaled 5,091, a substantial gain over the total of 4,399 new orders taken during the same period in 1936, according to the monthly report of the Bureau of Census.

## UNION PAVING, PIAZZA & HUNTLEY, LESURE LOW ON HIGHWAY PROJECTS

SACRAMENTO, August 4.—The State Division of Highways today opened bids on three highways and bridge construction contracts aggregating \$143,351.00.

The contracts call for grading and paving in Solano county; surfacing in Kern county, and construction of a bridge in Monterey county.

The largest job involves grading and paving with Portland cement concrete and plant-mixed surfacing a section of roadway in the vicinity of Carquinez bridge. Union Paving Company, at \$70,737.70, submitted the low bid on the job.

### Other Bidders

Other bidders were: Frederickson and Westbrook, \$74,978; Bodenhammer Const. Co., \$75,948.50; A. Teichert and Son, \$77,184.90; A. J. Raichert, \$77,187.30; Macco Const. Co., \$81,717.50; Louis Biasotti and Sons, \$83,777.50; Frederickson and Watson Const. Co. and Frederickson Bros., \$86,313, and Charles L. Harney, \$81,314.10.

Piazza and Huntley, at \$40,790, submitted the low bid for surfacing eight miles of highway and constructing borders on two miles of roadway south of Greenfield in Kern county.

Other bidders were: Griffith Co., \$41,250; Independent Const. Co., Ltd., \$44,700; Union Paving Company, \$45,630, and L. A. Briscoe, \$53,482.

Principle items include: 11,000 tons of crusher run base; 40 tons of liquid asphalt (SC-1A); 22,000 square yards of asphaltic paint binder; 4,000 tons of mineral aggregate plant-mix surfacing; 445 tons of liquid asphalt of various types, and 29,000 square yards preparing, mixing and shaping shoulders.

### Mud Creek Bridge

Only two bids were submitted for construction of a steel and concrete bridge across Mud Creek, 25 miles north of San Simeon, consisting of one 80-foot plate girder span and two 41-foot steel beam spans. The work is located in Monterey County.

The low bidder was E. T. Lesure of Oakland, at \$31,824.40. A Soda & Son, also of Oakland, were the second low bidders, at \$33,321.40.

### TOWER FRAMING BIDS SCHEDULED

Bids for framing work in connection with the East towers for the 1939 Golden Gate International Exposition were invited yesterday by the San Francisco Bay Exposition Co. Proposals will be opened Aug. 18 at the exposition offices, 585 Bush street.

As with other recent exposition contracts, being financed without federal assistance, bids will be opened privately, officials indicated.

## Bridge Railway Work Progresses

With bids for the San Francisco viaduct of the Bay Bridge electric railway system scheduled to be opened August 18 and with construction started last week on the terminal building proper, work on the interurban system is well under way, according to the progress report of Chief Engineer C. H. Purcell filed yesterday with Director of Public Works Earl Lee Kelly.

Contracts already started include the \$1,400,000 railway signal and interlocking project, of which the General Railway Signal Company is the general contractor; and the substructure of the East Bay viaducts and yards comprising also the Port of Oakland Overhead, costing approximately \$700,000, contractors of which are Bates & Rogers Construction Company.

The contract for the San Francisco Viaduct (Contract No. R-3) were advertised last Friday, and call for the demolition and removal of remaining buildings on the site to be occupied by the viaduct. The work also involves 35,000 cubic yards of excavation.

## STATE PLANS NINE GRADE SEPARATIONS

Kelly Announces Approval of  
Jobs to Be Started by  
January 1

State Director of Public Works Earl Lee Kelly this week announced the approval of plans for construction of nine grade separation projects, aggregating \$1,637,000, by the U. S. Bureau of Public Roads.

Cost of projects will be borne by the Bureau of Public Roads, the State and various railroad companies.

Largest of the projects will be an underpass at the northerly limits of Livingston, Merced county. Federal funds to the amount of \$240,000 will be expended and the state will spend \$100,000 for grading and paving approaches involving 1.7 miles of roadway. Sodium vapor lights will be used to illuminate the underpass.

### Near San Jose

The second largest project is to be a subway north of San Jose costing approximately \$200,000. The project will provide a grade separation between the Milpitas and Niles branch of the Southern Pacific railroad and the new Bavshore highway.

The structure will consist of two openings 34 feet wide, each of which will accommodate three lanes of traffic. A concrete sidewalk five feet wide will be provided for pedestrians in each opening. The main part of the structure will carry the tracks of the S. P. railroad over the highway and will consist of two 77-foot 8-inch steel plate girder spans resting on reinforced concrete abutments and a reinforced concrete center pier.

### Pinole Overhead

At Pinole an overhead will be constructed costing \$185,000. Of this sum, \$50,000 will be contributed by the State and \$135,000 by the A. T. & S. F. railway. The existing highway through Pinole now passes over the tunnel of the railroad. Since the tunnel needs reconstructing the railway company believes that it will be cheaper to construct an open cut thus making an overhead structure necessary. The structure will accommodate four lanes of traffic.

Other grade separation projects slated are:

**SAN LUIS OBISPO.** An overhead crossing six miles north of San Luis Obispo, costing \$110,000.

### Redding Underpass

**REDDING.** An underpass south of Redding to replace the present structure which is considered too narrow, costing \$200,000.

**LOS ANGELES COUNTY.** A subway on Lankershim boulevard at Hewitt station, costing \$240,000.

In addition there will be three grade separation structures constructed on the new Altamont Pass road, connecting Oakland, Liver-

## Vertical Shaft Pump Research . Work Initiated

The Department of Mechanical Engineering at the University of California has established a laboratory for the study of vertical-shaft pumps. The program of research has been worked out in cooperation with the Division of Agricultural Engineering and the Division of Irrigation Investigations and Practice of the College of Agriculture and with the pump manufacturers. The work of this laboratory will include:

1. Research in the field of deep-well and propeller pumps.

2. Analysis of laboratory and field methods of testing, development of testing standards and calibration of testing instruments.

3. Tests of motors, bearings and auxiliary equipment.

3. Tests of motors, bearings and auxiliary equipment.

4. Tests of manufacturers' types.

5. Acceptance tests of specific pumps.

Installation of the testing equipment has been completed and work was started last month. Initial projects are:

Accuracy of Methods of Measuring Water;

Normal Characteristics of New Deepwell Pumps;

Friction Losses in Riser Columns; Friction in Bearings;

Effect of Wear on Pump Characteristics;

Pump Thrust Loads; Development of Pump Testing Code.

Arrangements have been made to borrow pumps and accessories for carrying out this program. Manufacturers interested in participating in this work should write to Professor M. P. O'Brien, Department of Mechanical Engineering, University of California, Berkeley.

## CRANE ANNOUNCES GUN-TYPE BURNER

Lynn G. Lindsay, manager of the heating section of Crane Company, Chicago, announces the marketing of a gun-type oil burner, called the Crano Burner, designed for use on conversion jobs or complete new boiler-burner units.

more, Tracy and Stockton. The total cost of the projects is estimated at \$362,000.

An overhead will be constructed at Greenville, three miles east of Livermore and an overpass at Redmond which is about six miles east of Livermore.

The present program includes construction slated for this year only. Bids on all projects are expected to be called this autumn. Actual work on the projects will be started as soon as possible, according to Director Earl Lee Kelly.

## JULY BUILDING VOLUME STEADY BUREAU REPORTS

Terminal Boosts Total to New  
High for Year; Frame  
Permits Drop

Issuance of a permit for the \$2,283,377 San Francisco-Oakland Bay Bridge Railway Terminal boosted the San Francisco building permit total for July to a new 1937 high of \$3,382,962, according to figures released Saturday by Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

This month's total showed a substantial gain over the July, 1936 figure of \$2,573,209.

Gains were made during July in alterations and Class C construction. The total for Class C construction permits was \$254,200, as against \$90,500 for the same type of construction in July, 1936. The 1937 alteration total was \$306,343, compared with \$219,621 for July, 1936.

### Frame Total Low

A drop was recorded in frame construction with its 115 permits issued this July for structures estimated to cost \$495,545, as against 170 permits issued in July, 1936 for construction costing \$820,408.

Following is a classification of permit figures for July, 1937 and July, 1936:

Class	July, 1937 No. Est. Cost	July, 1936 No. Est. Cost
A.....	1 \$ 14,000	1 \$ 12,500
B.....	12 254,200	6 90,500
C.....	115 495,545	170 820,403
Alter'n.....	459 306,343	429 219,621
Public.....	4 29,492	.....
U.S. Govt.....	1 17,485	.....
State (Bay Brdg.).....	1 2,283,377	.....
Total.....	592 \$3,382,962	609 \$2,573,209

	1937 (7 Mos.) No. Est. Cost	1936 (7 Mos.) No. Est. Cost
Total.....	4955 \$14,335,743	4267 \$10,694,405

## Registration Gains Reported by Ingels

SACRAMENTO, August 4.—Increases of 95.63 per cent and 63.24 per cent, respectively, in the number of trailer and motorcycle dealers in California in the first six months of 1937 as compared with last year were reported by the State Motor Vehicle Department in its monthly report to Governor F. E. Merriam.

Up to the first of July this year, the report said, 413 trailer dealers had been licensed, while for the same period last year the number was only 211. Motorcycle dealers licensed for the first half of 1936 were sixty-eight, while so far this year licenses have been issued to 111.

Automobile dealers licensed to July 1, increased 9.70 per cent, the report said, jumping from 3,691 to 4,049.

### MATERIAL PRICE LEVEL UNCHANGED

Average wholesale prices for building materials remained steady during the week ended July 24, according to the weekly survey prepared by the U. S. Bureau of Labor Statistics. The index for the group stood, as in the preceding week, at 96.8 per cent of the 1926 level.

Prices for lumber declined an average of 0.2 per cent, while a decrease of 0.1 per cent was recorded for the paint materials sub-group, the bureau reported.

Brick and tile, cement and structural steel prices showed no change.

## COULEE BRIDGE IS COMPLETED, PAGE REPORTS

Span Will Be Absorbed by  
Dam As Concrete Pour-  
ing Progresses

A steel bridge, 3,000 feet long and 175 feet high, has been completed across the Columbia River at Grand Coulee Dam, John C. Page, Commissioner of Reclamation, reported this week to Secretary of Interior Harold L. Ickes.

This bridge is unique in that within six months it will have disappeared, having been imbedded in the concrete of the growing dam and thus swallowed up by the project.

Three standard gauge railroad tracks cross the bridge, which extends from the two great concrete mixing plants located at the west and east abutments. It is one of the busiest bridges in the world, since a relay of trains are moving back and forth across it continuously across it hauling concrete in 4-cubic yard buckets for placement in the dam. Already nearly 6,000,000 tons of concrete has been handled by cranes which move about on the bridge to serve the workmen far below.

### \$500,000 Project

The bridge contains 7,000 tons of steel and cost more than half a million dollars. Despite the fact that burying such a structure in the concrete of the dam would appear to be a loss, it is the most efficient means devised, and less expensive than any other method proposed for placing the enormous yardage of concrete required over the foundation area 500 feet wide and 3,000 feet long.

From the high bridge cranes swing buckets loaded with 11 tons of concrete to any point within a strip 125 feet wide across the river. A second and lower bridge, which has not as yet been completed, will cover the remainder of the foundation area. The lower bridge also will be "swallowed up" as the dam grows.

## Large Material Shipments Via Railroads Traced in PWA Indirect Labor Analysis

Following up its analysis of the indirect labor created behind the lines by PWA projects, the Bureau of Labor Statistics of the United States Department of Labor last week reported to Public Works Administrator Harold L. Ickes the results of its measurement of rail transportation of materials originating because of PWA construction.

Railroad records were carefully checked against material orders

maintained on projects, and a detailed study of freight movements was undertaken. Statistics were obtained from the Bureau of Railway Economics of the Association of American Railroads. Data of the Interstate Commerce Commission and the Federal Coordinator of Transportation were thoroughly reviewed.

Construction materials going to PWA projects were traced from source to delivery, and a thorough analysis made of the equipment necessary to transport them.

The study involved research never before undertaken and isolated railroad labor and operating requirements necessary to handle the construction program. No comparable data, it was found, ever had been evolved to demonstrate clearly the far-reaching effect of a Public Works program in creating indirect labor created by the transportation of materials. Somewhat similar studies had been undertaken by the Bureau of Labor Statistics in the production of steel, cement and lumber, and the general overall ratio of indirect work created by PWA had been established. (This was found to be 2.5 indirect labor for 1 of direct labor.)

### 172,000,000 Tons Moved

The Bureau's railroad report was delivered by it to Public Works Administrator Ickes Saturday. The Bureau reported that transportation of PWA materials and the necessary supply of equipment for railroads to handle the movement created 105,000,000 man-hours of labor. It involved the use of 3,650,000 freight cars to haul the material, and created 620,000,000 freight-train-car miles. A total of 172,000,000 tons of materials was moved, and .608 man-hours of work per ton of freight was created.

The Association of American Railroads said that the figures determined by the Bureau of Labor Statistics meant that:

The 172,000,000 tons of construction material shipped for PWA projects is greater than the total tonnage of commercial freight passing through the Panama Canal in seven years from 1930 to 1936 inclusive. It is the equivalent of 11-3 tons of freight for each man, woman and child in the United States, and provided an average of .86 hours of work per inhabitant.

The 620,000,000 freight-train-car miles of transportation of PWA materials is the equivalent of one freight car in continuous motion for a period of 4,480 years, at average freight train speed. In other words, a freight car starting its

journey about 2,500 B. C., and in constant movement down through the ages 24 hours a day, would complete its journey of 620,000,000 miles about the year 1980 A. D.

The PWA freight movement was the equal of 1,000 freight cars travelling around the world at the equator 25 times.

The 3,650,000 freight cars needed to transport PWA materials would make a train 30,417 miles long. It would encircle the globe at the waistline one and a fifth time.

The cars used is also the equivalent of loading twice during the 1933-36 period all the freight cars owned by Class I railroads in the United States.

The railroad employment created by PWA (not including that needed for loading and unloading cars) was the equivalent of a full year's work for 45,833 men, using railroad employment averages.

As the 1936 average railroad wage rate of 69.1 cents per hour, the figure represents an aggregate compensation of \$76,010,000 going to railroad workers because of PWA transportation.

### \$1,592,000,000 Materials

The Bureau of Labor Statistics found that \$1,592,000,000 worth of material orders had been placed for PWA projects. Building materials included such items as lumber, shingles and lath, cast-iron pipe and fittings, explosives, iron and steel pipe, petroleum, nails and wire, rails and fastenings, finished iron and steel products, bituminous coal, building brick and tile, cement, stone, gravel and sand. The average haul for these projects ranged from 72.1 miles for sand and gravel (the shortest distance) to 768.1 miles for lumber (the longest). Cast-iron pipe and fittings moved an average of 592.5 miles and iron and steel pipe moved the third longest, 513.8 miles. Finished iron and steel products had an average haul of 342.4 miles while building tile moved 331.6 miles.

### COPPER IN HOMES, THEME OF BOOKLET

"Portrait of a Rust-Proof Home" is the title of an illustrated booklet published recently by the American Brass Co., Waterbury, Conn., with local offices at 235 Montgomery St., San Francisco. Illustrated with numerous photographs, the brochure demonstrates many uses for copper and copper alloys in residential construction.

## STATE INVITES BIDS ON THREE ROAD CONT'CTS

Bids on Two Bridges, One  
Oil Job Open August  
25th-26th

(Special to Daily Pacific Builder)  
SACRAMENTO, Aug. 3.—State Division of Highways today issued three calls for bids for bridge and highway construction estimated to cost approximately \$400,000, according to figures set up in the 1937-38 State Highway budget.

Two of the jobs are located in San Bernardino county and one in Monterey county.

Largest of the contracts authorized for advertising today calls for construction of a reinforced concrete girder bridge across the Salinas River at Soledad, Monterey county. Bids will be opened in Sacramento August 25.

### Fifteen Spans

The bridge will consist of thirteen 104-foot spans and two 89-foot spans on concrete piers and abutments on pile foundations.

The Monterey county bridge, together with grading and paving of an additional three-quarters of a mile not included in the current contract, were lumped together in the biennial budget, with about \$415,000 earmarked for the whole project.

The following day, August 26, the State Highway Engineer's office in Los Angeles will open bids on two jobs located in San Bernardino county.

One calls for construction of a reinforced concrete slab bridge across Cable Creek, seven miles north of San Bernardino.

### Surfacing Approaches

The bridge will consist of two 21-foot spans and one 24-foot span on concrete bents. The contract also includes grading and surfacing about two-tenths of a mile of approaches.

The second contract involves application of seal coat to existing pavement on about 82.4 miles of highway between Amboy and Essex and between Vidal and Needles in San Bernardino county.

Work will require about 670 tons of liquid asphalt, Type SC-4; 1870 cubic yards of sand, and 53.7 miles cover material.

## G-E REPORTS 43% SALES INCREASE

Sales billed by General Electric Company during the first 6 months of 1937 amounted to \$171,076,645, compared with \$119,273,388 during the corresponding period of 1936, an increase of 43 per cent. President Gerard Swope announced this week.

Profit available for dividends for the first six months this year amounted to \$26,293,004, compared with \$16,592,324 for the first six months last year, an increase of 58 per cent.

## OPEN L. A. GRADE SEPARATION BIDS

LOS ANGELES, Aug. 4.—Person & Hollingsworth Co., 507 South Lorena street, Los Angeles, today submitted the lowest bid to the Los Angeles Board of Public Works for constructing a grade separation structure in Vignes, Bauchet and Avila streets at the Union Passenger Terminal. Amount of the low proposal was \$152,198.00.

Second low bidder for the contract was Charles J. Dorfman, Los Angeles, at \$153,833.

The project is being financed in part by a grant from the Federal Public Works Administration.

## PWA Lists Profit At \$11,326,000 On Sale of Bonds

A report to Administrator Harold L. Ickes by Charles J. Maxey, chief accountant, yesterday revealed that the Federal Government had profited \$11,326,385 through the sale of bonds accepted as security for Public Works Administration loans to municipalities.

This is in addition to the \$20,648,798 turned into the Federal Treasury as interest collected from the borrowing cities, states and counties which volunteered to build permanent and useful public works to create jobs at the site of construction as well as "behind the lines."

The "new high" in PWA bond sales profits resulted largely from the consummation of the contract whereby the firm of Dillon, Read and Company of New York City purchased the balance of bonds of the Triborough Bridge Authority through the Reconstruction Finance Corporation which acts as PWA's broker.

### \$840,000 Profit

The New York brokers purchased \$28,000,000's worth of bonds at 102, making a profit to the Federal Government on that transaction alone of \$840,000.

Through July 27, 1937, the Public Works Administration had purchased a total of \$642,598,596 in municipal bonds. It had placed bonds with the par value of \$488,812,509 with the RFC and retired or sold or cancelled \$14,693,343's worth of bonds, leaving bonds on hand with a par value of \$128,082,743.

The sale of the bonds, accepted at par by PWA when the securities were going begging on the open market, have resulted in an average profit of about \$27.69 per thousand. As a result of the rapid sales during the past couple of years, RFC now holds only \$87,759,590's worth of bonds delivered to it by PWA.

## BOULDER INTERIM POWER CONTRACT YIELDS \$750,000

Secretary Ickes Signs Three-  
Year Contract With  
Corporation

Boulder Dam will contribute an unexpected three-quarters of a million dollars to the United States Treasury during the next three years as a result of an interim power contract approved this week, Secretary of the Interior Harold L. Ickes announced yesterday.

This sum is but one item in the revenues the dam has started to pour back into the U. S. Treasury, insuring complete repayment to the Government for its investment in Boulder Dam plus 4 per cent interest in the next 50 years.

The Bureau of Reclamation has been authorized to negotiate a contract with the Nevada-California Electric Corporation, the draft of which also has been approved by the utility company, under which the company would begin purchasing Boulder Dam power immediately. The company, one of the original Boulder Dam power purchasers, was not required to take and pay for power under the contracts negotiated in 1930 until 1940. The Department of the Interior, however, managed to complete the great public work and get it on a revenue-producing basis several years ahead of schedule.

Under the interim agreement the power generated by unit A-8 in the Arizona wing of the power house would be sold to the utility company. This unit, which has a capacity of 40,000 k.v.a., has been installed and is ready for operation.

Recently the company applied to the Bureau of Reclamation for permission to buy power at once for the demand for Boulder Dam's benefits exceeded estimates. The growth of the power market in Southern California, which has exceeded expectations, and the record-breaking completion of Boulder Dam ahead of the original schedule, make possible the sale of this power at this time.

The Bureau of Reclamation estimates that by advancing three years the time when the company's contract would have become effective revenue to the government totaling \$793,058 will be added to the income from Boulder Dam.

## WESTINGHOUSE LISTS CABINET DISHWASHER

A new cabinet-type electric dish washer, combining the electric dishwasher, sink basin and work surfaces in a single unit has been developed recently by the Westinghouse Electric and Manufacturing Company, the company announces. Said to occupy no more space than any standard kitchen sink and drain board, the cabinet dishwasher is adaptable for all shapes and sizes of kitchens.



## GILES LOW ON S. F. COTTAGES AT MOCCASIN

**Stockton Bidder Submits Bid  
of \$73,684 for Utilities  
Commission Job**

S. C. Giles, Stockton, at \$73,684 submitted the low bid to the San Francisco Public Utilities Commission yesterday for construction of nine cottages and appurtenant structures at Moccasin and Priest in Tuolumne county.

Four bids were submitted, ranging from the low figure to \$99,798.

The contract calls for construction of one cottage at Priest and eight cottages at Moccasin. All dwellings are to be of timber frame construction with concrete foundations, stucco exteriors and plaster interiors.

### Garage Building

Other structures involved are: one 7-car garage building with concrete apron; addition to store building at Moccasin; single woodshed; three double woodsheds, and one water supply unit for cottage and garage building. Bids were taken under nine units for single structures and groups of structures but all work will be awarded under one contract.

Other bidders were: Cotner, Tomnitz and King, \$86,564.03; W. C. Tait Company, \$96,700; and Fred J. Early, Jr., \$99,798. The Public Utilities Commission will have its first opportunity to award the contract for the job next Monday at its regular semi-monthly meeting.

The Commission opened bids also on a contract for laying 8-in. cast iron mains in Harrison and Sixteenth streets, from Fifteenth to Bryant street.

### Treacy Low Bidder

E. J. Treacy, at \$1,463.80, submitted the low bid for the job, followed by the Fay Improvement Company, at \$1,596.90. Lowrie Paving Company was third lowest bidder, at \$2,203.50, with the San Francisco Water Department submitting the high bid of \$2,544.40.

At the regular meeting of the Department of Public Works Director William H. Worden opened bids on two jobs. No bids were submitted for cleaning 96 yards of linoleum at the Main Library. Bids will be opened on the same job August 11.

Bras & Kuhn Company, at \$2,644, submitted the low bid to Director Worden for general construction of alterations to Room 479 at the City Hall. Other bidders were: Bureau of Building Repair, \$2910; Fink & Schindler Co., \$3311, and Peter Sartorio, \$3374.

### Welding Contract

The Ocean Shore Iron Works submitted the only bid for welding two three-sixteenth-inch steel rings on the inside of boiler heads, and furnishing two 4-inch by 6-inch handhole plates with guards, bolts and gaskets at the High School of Commerce. The figure was \$41.20.

## Lumber Industry Group for 1939 Fair Appointed

Twelve leaders in the San Francisco bay district lumber industry have accepted appointment to the Lumber Industry Participation subcommittee of the Golden Gate International Exposition for 1939. Dwight O'Dell of the California Redwood Association is chairman of the group.

Members of the committee will serve under the general direction of Ted Huggins, chairman of the Exposition Promotion Committee, seeking to promote the fullest possible participation and cooperation by all branches of the industry in promoting the exposition. Included in its membership are representatives of the National Lumber Manufacturers Assn., West Coast Lumbermen's Assn., Western Pine Association, California Redwood Association, plywood manufacturers, timber engineering organizations, wholesale and retail lumber dealers' groups of San Francisco and the East Bay and lumber trade publications.

Plans are already under way for a great western lumbermen's conclave in San Francisco and Oakland during the Exposition and the lumbermen will seek to have at least one day for the Exposition program set aside as "Lumber Day." Lumber industry exhibits will also be considered by the committee, with cooperative efforts to encourage the fullest use of Exposition facilities.

### Members of Committee

The committee membership follows:

Chairman: J. D. O'Dell, California Redwood Association.

Members: C. C. Stibich, Tahoe Sugar Pine Company, representing Western Pine Association; George R. Kendrick, Chas. R. McCormick Lumber Co., representing West Coast Lumbermen's Association; Homer Maris, Maris Plywood Co., representing The Plywood Industry.

J. E. Mackie, West Coast Manager, National Lumber Manufacturers Assn.; Jack Horner, Manager, Western Timber Structures, Inc.; Gus Russell, Santa Fe Lumber Co., representing San Francisco Lumber Wholesalers; Matt Harris, Van Arsdale-Harris Lumber Co., representing San Francisco Retail Lumber Dealers.

Clement Fraser, Loop Lumber Company, Alameda, representing East Bay Lumber Dealers; C. W. Bahr, President, California Redwood Assn.; Geo. H. Cornwall, The Timberman; San Hawkins, West Coast Lumberman; W. T. Black, California Lumber Merchant, representing Lumber Trade Publications.

New orders for steel boilers during June, 1937, totaled 832, as against 524 orders in June, 1935, the Bureau of Census reports.

## PORTLAND FIRM LOW ON MODOC POWER PROJECT

**Parker-Schram Bids Transmission  
Line for Surprise Valley  
Cooperative**

(Special to Daily Pacific Builder)

ALTURAS, August 3.—Parker-Schram Co., Couch building, Portland, yesterday submitted the low bid to the Surprise Valley Electrification Cooperative here for constructing about 350 miles of rural transmission lines in Lassen and Modoc counties, it was announced this morning.

Bids were submitted late Monday in unit price only, and the official tabulation of total bids was not completed until today, Chief Engineer Allan Sickler said.

Low proposal of the Parker-Schram Co. was \$384,252, using aluminum conductor. With copper-weld conductor, the firm figured the contract at \$405,382.

### Ziebarth Second

Fritz Ziebarth of Long Beach was second low bidder, Mr. Sickler said, bidding \$410,038 for aluminum conductor and \$418,089 for copper-weld conductor.

Third low proposal was submitted by Alta Electric & Mechanical Co., San Francisco, at \$412,739 for aluminum conductor and \$417,750 for copper-weld conductor.

The Surprise Valley cooperative was organized last year to qualify for assistance from the federal Rural Electrification Administration. Funds totaling approximately \$410,000 have been allotted the project by REA.

Announcement of the transmission line contract award probably will be made this week. Remaining to be advertised for bids is a contract for construction of a diesel electric power plant near Alturas.

## NAME WESTINGHOUSE CONSTRUCTION HEAD

Mr. I. F. A. Mitchell has recently been appointed to head the Construction Industry Section for the Westinghouse Electric & Manufacturing Company. Formerly assistant manager of sales for the Canadian Westinghouse Company, Mr. Mitchell has wide experience in the selection and application of electrical equipment in all industries, including the construction field. In his new position he will be responsible for making the facilities and engineering services for the company available to the entire construction field, including contractors and the company's

Shipments of steel lockers amounted to \$1,588,049 during the first five months of 1937, a gain of more than one million dollars over the value of shipments during the same period in 1936, which totaled \$833,206, the Bureau of Census reports.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
362	Bothin	Mattock	6000
363	Doelger	Owner	5000
364	Du Pont	Owner	3000
365	Glamo	Crisel	1000
366	Hawk	Erickson	3500
367	Mohr	Owner	3000
368	Rousseau	Owner	5000
369	Schmidt	Owner	175000
370	Welsh	Owner	2500
571-79	A. & D. Realty	Owner	4000
580	Christensen	Owner	7000
581	Jacona	Otha	1070
582	Marine	Petersen	4000
583	Poppin	Owner	1000
584-85	Standard	Owner	3500
586	Wagner	Owner	1000
587	Rousseau	Owner	10000
588	Schraft	Rousseau	11300
589	Benson	Owner	3850
590	Fireman	Owner	1000
591	Heckert	Owner	2000
592	Jacoba	Bay Cities	5000
593	Mercantile	O'Brien	1000
594	Metcalf	Stotte	4800
595	Cowper	Schwann	2200
596	Gernhardt	Hardy	6000
597	Greenberg	Barrett	35000
598	Lindsay	Owner	4500
599	Schmidt	Schmidt	3100
600	Ward	CAH	6000
601	Adams	Nelson	7000
602	Driscoll	Hjul	7000
603	Little	Owner	6000
604	Muher	Owner	7000

### ALTERATIONS

(362) 813 FOLSOM ST. Alter factory.
Owner—Bothin Real Estate Co., 604 Mission Street.
Contractor—A. F. Mattock Co., 212 Clara Street.
Architect—A. McSweeney, 604 Mission St. \$6,000

### DWELLING

(363) E 16th AVE. 282 S Ortega. Two - story and basement frame dwelling.
Owner and Builder—Henry Doelger Builder, Inc., 329 Judah St.
Architect—Not Given. \$5,000

### ALTERATIONS

(364) 235 SECOND ST. Alter warehouse.
Owner and Contractor—E. J. Du Pont De Nemours, Inc., 601 3rd St.
Architect—Not Given. \$3,000

### ALTERATIONS

(365) 479 CHERENY Street. Alter dwelling.
Owner—Gay Glamo, 479 Cheryn St.
Contractor—Jos. Crisel, 467 Cheryn.
Architect—Not Given. \$1000

### DWELLING

(366) E CONGO 100 N Stillinga. One - story and basement frame dwelling.
Owner—W. R. Hawk, 644 Congo St.
Contractor — Henry Erickson, 972 Cheryn St.
Architect—Not Given. \$3,500

### DWELLING

(367) E CHESTER 100 N Palmetto. One - story and basement frame dwelling.
Owner and Builder—Rudolph Mohr & Sons, 4482 Mission Street.
Architect—Not Given. \$3,000

### DWELLING

(368) NW COR. CHABOT Terrace and Golden Gate Ave. One-story and basement frame dwelling.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—Not Given. \$5,000

### FACTORY

(369) W STERLING 145 N Bryant. Six-story Class B factory.
Owner—Schmidt Lithograph Co., 461 Second Street.
Engineer—Jesse Rosenwald, 525 Market Street. \$175,000

### ALTERATIONS

(370) S 17th ST. 100 E Church St. Alter apartments.
Owner and Contractor—J. J. Welsh, 3681 17th Street.
Architect—Not Given. \$2,500

### DWELLING

(571) S ESCOLTA WAY, 500 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(572) S ESCOLTA WAY, 380 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(573) S ESCOLTA WAY, 256 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(574) S ESCOLTA WAY, 256 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(575) S ESCOLTA WAY, 349 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(576) S ESCOLTA WAY, 460 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(577) S ESCOLTA WAY, 316 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(578) S ESCOLTA WAY, 420 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### DWELLING

(579) S ESCOLTA WAY, 570 W OF 30TH AVE. One-story and basement frame dwelling.
Owner—A. & D. Realty Co., 954 Irving St.
Architect—Not Given. \$4000

### FRAMING FLATS

(580) E 21ST AVE. 75 S JUDAH Two-story and basement frame flats
Owner—Herman Christensen, 1801 19th Ave.
Architect—Not Given. \$7000

### ALTERATIONS

(581) 3236 PIERCE ST. Alter bakery.
Owner—S. Jacona, Prem.
Contractor—Otis Elevator Co., No. 1 Beach St.
Architect—Not Given. \$1070

### ALTERATIONS

(582) 86 COMMERCIAL. Alter office.
Owner—Marine Cooks & Stewards Union, Prem.
Contractor—Antone Petersen & Sons, 2758 San Bruno Ave.
Architect—Not Given. \$4000

### ALTERATIONS

(583) N. OLMSTEAD, 120 W OF HAMILTON. Alter dwelling.
Owner—John Poppin, Prem.
Architect—Not Given. \$1000

### DWELLING

(584) W ALBION, 145 S 15TH ST. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

### DWELLING

(585) W ALBION, 120 S 15TH ST. One-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah St.
Architect—Not Given. \$3500

### ALTERATIONS

(586) 820 POLSOM. Alter factory.
Owner—Geo. Wagner, 181 S. Park St.
Architect—Not Given. \$1000

### DWELLING

(587) S MARINA BLVD., 85 E DIVISADERO. Two-story and basement frame dwelling.
Owner—Oliver M. Rousseau, Inc., 321 Kearny St.
Architect—Wm. Gunnison, 251 Kearny St. \$10,000

### DWELLING

(588) NE COR. LANSDALE AVE. AND ROBINHOOD DR. Two-story and basement frame dwelling.
Owner—R. O. Schraft, 321 Kearny.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny.
Architect—Wm. Gunnison, 251 Kearny St. \$11,000

### DWELLING

(589) E 34TH AVE. 67 S SANTIAGO. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2233 Santiago St.
Architect—Not Given. \$3990

### ALTERATIONS

(590) 1908-10 LYON ST. Alter apta.
Owner—B. Fireman, 827 Hayes St.
Architect—Not Given. \$1000

### DWELLING

(591) S ARLETTA, 200 W DELTA. One-story and basement frame dwelling.
Owner—Stephen Heckert, 395 Teddy Ave.
Architect—Not Given. \$2000

### DWELLING

(592) W PARKER, 260 N TURK. One-story and basement frame dwelling.
Owner—S. L. Jacobs, 4645 California.
Contractor—Bay Cities Bldg. Co., 160 Russ St.
Architect—C. O. Clausen, 746 46th Ave. \$5000

**ALTERATIONS**  
 (593) SE O'FARRELL AND FILL-MORE STS. Alter etore.  
 Owner—Merchanlile Properties Co., 115 Montgomery St.  
 Contractor—Lloyd O'Brien, 369 Pine St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (594) NE HYDE AND LOMBARD STS. Alter dwelling.  
 Owner—J. B. Metcalf, Frem.  
 Contractor—F. C. Stolle, Alameda.  
 Architect—E. T. Spencer, 369 Pine St. \$4800

**ALTERATIONS**  
 (595) 1500-02 VAN NESS AVE. So. Alter stores and flats.  
 Owner—B. W. Cowper, 412 Cowper St., Palo Alto.  
 Contractor—Harry C. Schwahn, 222 Castro Street.  
 Architect—Not Given. \$2,200

**ALTERATIONS**  
 (596) SW 18th and MISSION STS. Alter store.  
 Owner—Gernhardt & Ströhmaler and Co., premises.  
 Contractor—A. M. Hardy, 736 Clementina Street.  
 Architect—Not Given. \$6,000

**STORE**  
 (597) S FOLSOM 68 E 4th St. Three story Class C store.  
 Owner—M. Greenberg's Sons, 765 Folsom Street.  
 Contractor—Barrett & Hill, 918 Harrison Street.  
 Architect—Hyman and Appleton, 68 Post Street.  
 Engineer—Hyman Rosenthal, 68 Post Street. \$35,000

**DWELLING**  
 (598) S KIRKHAM 83 W 27th Ave. One - story and basement frame dwelling.  
 Owner and Builder—John A. Lindsay, 115 San Jose Avenue.  
 Architect—Not Given. \$4,600

**DWELLING**  
 (599) E HARRISON 234 N 24th St. One - story and basement frame dwelling.  
 Owner—Walter J. Schmidt, 405-A Precita Avenue.  
 Contractor—Schmidt Broe., 25 Virgil Street.  
 Architect—Not Given. \$3,100

**STORE**  
 (600) 270 FREMONT ST. One-story Class C shop.  
 Owner—E. B. Ward, 270 Fremont St.  
 Contractor—Cahill Broe., 206 Sansome Street.  
 Architect—W. P. Day & H. M. Michelson, Financial Center Bldg. \$6,000

**DWELLING**  
 (601) NE VILLA TERRACE and Graystone Terrace. Two - story and basement frame dwelling.  
 Owner—G. and S. M. Adams, 3043 Market Street.  
 Contractor—Frank E. Nelson, Inc., 2 Edgewood Way.  
 Architect—Not Given. \$7,000

**DWELLING**  
 (602) NW FRANCISCO and Leavenworth Sts. Three - story and basement frame dwelling.  
 Owner—Thos. A. Driscoll, 1137 Taylor Street.  
 Contractor—James H. Hjul, 128 Russ Street.  
 Architect—Not Given. \$7,000

**DWELLING**  
 (603) W 25th AVE. 314 N Ocean Avenue. One-story and basement frame dwelling.  
 Owner and Contractor—M. A. Little Co., 107 24th Avenue.

Architect—Masten & Hurd, 233 Post Street. \$6,000

**DWELLING**  
 (604) S CASTENADA AVE. 363 W Menlo. Two-story and basement frame dwelling.  
 Owner and Builder—S. E. Muber, 3210 Gough Street.  
 Architect—John Easterly, Santa Rosa. \$7,900

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
296	Brasch	Owner	5000
297	Covall	Early	1000
298	Seiffidge	Mason	1000
299	Willis	Owner	2500
300	Bowden	Johnson	3500
301	Buckland	Owner	3000
302	Farhner	Teigland	4500
303	Goughnour	Owner	2006
304	Leekins	Owner	4000
305	Reese	Caskey	2000
306	Toffelmier	Kimbell	3000
307	Toel	Owner	2500
308	Green	Burritt	2300
309	Collins	Patterson	4000
310	Flaglino	Cisero	6000
311	Heltman	Heltman	2300
312	Elmer	Amer. Roof	1000
313	Fenton	Rose	1000
314	Gaubert	Gaubert	14000
315	Lassen	McKinley	1000
316	Robrinsburg	Early	1500
317	Shakhozian	Bristol	9000
318	Williams	Rose	1600
319	Wyman	Van Neas	2850
320	Young	Owner	8000
321	Piedmont	Owner	2000
322	Chamberlain	Mueller	4000
323	Central	Suell	1500
324	Standard	Indep.	2500
325	Wadman	Savage	5850
326	Welch	Owner	4000
327	Thomas	Owner	1800
328	Albers	Cone	3500
329	Johnson	Owner	4000
330	Lennox	Parsons	4500
331	Ravizza	Morales	3400
332	Rohan	Owner	1000

**DWELLING**  
 (296) 1441 LINCOLN, BERKELEY. Two-story 6-room frame dwelling and garage.  
 Owner & Builder—M. G. Brasch, 1600 Mountain Blvd., Oakland.  
 Architect—Not Given. \$5000

**REPAIRS**  
 (297) 2314 WEBSTER, BERKELEY. Repair fire damage.  
 Owner—A. Covall, Frem.  
 Contractor—P. J. Early, Jr., 369 Pine St., San Francisco.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (298) 2706 RUSSELL, BERKELEY. Alterations.  
 Owner—J. R. Seiffidge, Frem.  
 Contractor—Mason - McDuffie Co., 2101 Shattuck.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (299) 2600 PIEDMONT, BERKELEY. Alterations.  
 Owner & Builder—H. P. Willis, Frem.  
 Architect—Not Given. \$2500

**DWELLING**  
 (300) 7807 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—F. M. Bowden, Frem.  
 Contractor—Eimer Johnson, 450 Onkes Blvd., Sao Leandro.  
 Architect—Not Given. \$3500

**DWELLING**  
 (301) 8071 BROADWAY TERRACE, OAKLAND. One-story 4-room dwelling.  
 Owner & Builder—N. J. Buckland, 1735 68th Ave.  
 Architect—Not Given. \$3000

**DWELLING**  
 (302) 1691 MOUNTAIN BLVD., OAKLAND. One-story 4-room dwelling.  
 Owner—E. Farhner, 1701 Mountain Blvd.  
 Contractor—C. M. Teigland, 525 49th St.  
 Architect—Not Given. \$4500

**DWELLING**  
 (303) 3141 GUIDO ST., OAKLAND. One-story 3-room dwelling.  
 Owner & Builder—E. Goughnour, 2956 Carmel St.  
 Architect—Not Given. \$2000

**DWELLING**  
 (304) 2615 CAMINO LENADA, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—C. W. Leektas, 6054 La Salle Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (305) 3248 CRANE WAY, OAKLAND. One-story 4-room dwelling.  
 Owner—L. Reese, 3016 Joaquin Miller Road.  
 Contractor—H. T. Caskey, 4215 Carson St.  
 Architect—Not Given. \$2000

**DWELLING**  
 (306) 1331 10TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—J. C. Toffelmier, 8650 East 14th St.  
 Contractor—Stanley Kimbell, 2456 Hilgard St., Berkeley.  
 Also 1-story garage, \$200.  
 Architect—Not Given. \$3000

**DWELLING**  
 (307) 2218 TIFFIN ROAD, OAKLAND. One-story 4-room dwelling.  
 Owner & Builder—D. L. Toll, 3203 School St.  
 Architect—Not Given. \$2500

**ALTERATIONS**  
 (308) 312 SHERIDAN AVE., PIEDMONT. Alterations.  
 Owner—C. F. Green, Frem.  
 Contractor—O. L. Burritt, 427 63rd St., Oakland.  
 Architect—Not Given. \$2300

**DWELLING**  
 (309) 5465 HOLLAND ST., OAKLAND. One-story 6-room dwelling.  
 Owner—J. I. Collins, 1439 55th Ave.  
 Contractor—J. F. Patterson, 1439 55th Ave.  
 Also 1-story garage, \$400.  
 Architect—Not Given. \$4000

**DWELLING**  
 (310) 825 43RD ST., OAKLAND. 1-story 5-room dwelling.  
 Owner—Guseppe Fagliano, 823 43d St.  
 Contractor—John Cisero, 474 42d St.  
 Architect—Not Given. \$6000

**DWELLING**  
 (311) 6424 PINEHAVEN RD., OAKLAND. One-story 4-room dwelling.  
 Owner—W. W. Heltman, 1741 68th Ave.  
 Contractor—L. E. Heltman, 13070 Broadway Terrace.  
 Architect—Not Given. \$2300

**ALTERATIONS**  
 (312) 1757 KINGSTON AVE., OAKLAND. Alterations.  
 Owner—A. R. Eimer, Frem.  
 Contractor—American Roof Co., 383 40th St.  
 Architect—Not Given. \$1000

**REPAIRS**  
 (313) 4029 HOWE ST., OAKLAND. Fire repairs.  
 Owner—J. Fenton, Frem.

Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1000

## APARTMENTS

(314) 4200-02-06 OAKMORE ROAD,  
OAKLAND. Two-story 14-room  
apartments.  
Owner—R. Gaubert, 2437 E. 11th St.  
Contractor—Gaubert Brothers, 4730  
Brookdale Ave.  
Architect—Not Given. \$14,000

## ALTERATIONS

(315) 6923 DOVER ST., OAKLAND.  
Alterations.  
Owner—Mrs. Geo. Lassen, 480 Forest  
St.  
Contractor—McKinney & Johnson,  
5829 Marshall St.  
Also 1-story garage, \$150.  
Architect—Not Given. \$1000

## REPAIRS

(316) 189 SANTA CLARA, OAK-  
LAND. Fire repairs.  
Owner—E. Roblosburg, Alameda.  
Contractor—Fred J. Early, Jr., 306  
40th St.  
Architect—Not Given. \$1500

## OFFICE BUILDING

(317) 3221 E. 14TH ST. OAKLAND.  
One-story 9-room office bldg.  
Owner—Dr. J. V. Shabozian, Prem.  
Contractor—Mark Bristol, 1038 Mc-  
Kinley Ave.  
Architect—G. E. Ellinger, 1801 Cas-  
terline Rd. \$9000

## REPAIRS

(318) 1833 WINDSOR, OAKLAND.  
Fire repairs.  
Owner—J. P. Williams, Prem.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1600

## DWELLING

(319) 8 S KUHNLE AVE., 250 FT  
S OF LEONA, OAKLAND. One-  
story 5-room dwelling.  
Owner—G. L. Wyman, Oakland.  
Contractor—L. E. Van Ness & Son,  
4930 Park Blvd.  
Also garage, \$200.  
Architect—Not Given. \$2950

## DWELLING

(320) 6564-66 LUCAS AVE., OAK-  
LAND. One-story 11-room 2-  
family dwelling.  
Owner and Builder—Mrs. Minerva  
Young, 3637 Deakin St., Berkeley.  
Architect—Not Given. \$8000

## MENTMENT WORKS,

(321) 1750 SAN PABLO, BERKE-  
LEY. One-story 1-room men-  
ment works.  
Owner & Builder—Piedmont Memo-  
rial Co., 4380 Piedmont Avenue,  
Oakland  
Architect—Not Given. \$2000

## DWELLING

(322) F HARBORD DR., 400 FT N  
McANDREW, OAKLAND. One-  
story 3-room dwelling.  
Owner Harry Chamberlain, 123 Bay  
Place  
Contractor—Theo R. Mueller, 698  
Creston Rd., Berkeley.  
Architect—Not Given. \$4000

## ALTERATIONS

(323) 142 HARRISON ST., OAK-  
LAND. Alterations and repairs.  
Owner—Central Bank 14th St. and  
Broadway  
Contractor D J Soell 2628 Ivy Dr.  
Architect—Not Given. \$1560

## LIFT BUILDING

(324) 4900 BROADWAY OAKLAND  
1-story steel lift building  
Owner—Standard Oil Co., 1201 Fi-  
nancial Center Bldg.  
Contractor—Independent Iron Wks.,  
821 Pine St.  
Architect—Not Given. \$2500

## DWELLING

(325) 2587 EL CAMINITO, OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Mark L. Wadman, 419 Wayne  
Street.  
Contractor—Harold A. Savage, 2024  
University Ave., Berkeley.  
Architect—Not Given. \$5850

## DWELLING

(326) 1801 103RD AVE., OAKLAND.  
Two-story 6-room dwelling.  
Owner & Builder—A. C. Welch, 1941  
104th Ave.  
Also 1-story garage, \$300.  
Architect—Not Given. \$4000

## ALTERATIONS

(327) 2719 DWIGHT WAY, BERKE-  
LEY. Alterations.  
Owner & Builder—Thomas Estate,  
Prem.  
Architect—Not Given. \$1800

## ADDITION

(328) FOOT OF 7TH ST., OAK-  
LAND. Addition.  
Owner—Albers Bros. Milling Co., foot  
of 7th St.  
Contractor—W. C. Cone, 608 16th St.  
Architect—Not Given. \$5500

## DWELLING

(329) 3461 MOUNTAIN BLVD., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—O. W. Johnson,  
3721 Young Ave.  
Architect—Not Given. \$4000

## DWELLING

(330) 2968 PARKER AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—E. A. Lennox, Prem.  
Contractor—Parsons & Williams, 2262  
80th Ave.  
Also 1-story garage, \$250.  
Architect—Not Given. \$4500

## DWELLING

(331) 9629 FLYMOUTH ST., OAK-  
LAND. One-story 4-room dwell-  
ing.  
Owner—Francis Ravizza, 1642 96th  
Ave.  
Contractor—A. R. Morales, 2355 Cher-  
ry St., San Leandro.  
Architect—Not Given. \$3400

## ALTERATIONS

(332) 6TH AND CLAY STS., OAK-  
LAND. Alterations.  
Owner & Builder—Rohan, Roth and  
Livingston, 505 Washington St.  
Architect—Not Given. \$1000

BUILDING CONTRACTS  
ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
91	Pines & T Co	Anderson	1425
92	Henry	Doehring	2100
93	Henry	Walstrom	24880
94	Catucci	Pac. Elec.	6155
95	Catucci	Scott	3666

## ALTERATIONS

(91) 1545 FRANKLIN ST., Oakland.  
Alterations.  
Owner—Pacific T. & T. Co.  
Architect—Not Given.  
Contractor—Geo. W. Anderson.  
Filed Aug. 2, '37. Dated, July 21, '37.  
Completion ..... 75%  
40 days ..... 25%  
TOTAL COST, \$1425.00  
Bond, \$1425 Sureties, Pacific In-  
demnity Co. Limit, 15 days Plans  
and specifications filed.

## PAINTING

(92) LOT 7, BLK E, CLAREMONT  
PINES, OAKLAND. Painting  
residence.  
Owner—Dr. J. R. Henry, 5641 Coun-  
try Club Dr., Oakland.  
Contractor—C. J. Doebring, 2232  
Coolidge Ave., Oakland

Filed Aug. 3, '37. Dated Aug. 2, '37  
35% complete ..... \$525  
85% complete ..... 525  
Complete ..... 525  
Usual 35 days..... 525  
TOTAL COST, \$2100.00  
Plans and specifications filed.

## RESIDENCE

(93) LOT 7, BLK E, CLAREMONT  
PINES, OAKLAND. Residence.  
Owner—Dr. and Mrs. J. R. Henry,  
5641 Country Club Dr., Oakland.  
Architect—Roger Elaine, 5574 Flor-  
ence Ave., Oakland.  
Contractor—Carl Walstrom, 1447 Ex-  
celisior Ave., Oakland.  
Filed Aug. 3, '37. Dated Aug. 2, '37  
Rough frame complete..... \$620  
Brown plastered ..... 620  
Completion ..... 620  
Usual 35 days..... 620  
TOTAL COST, \$24,880  
Limit, Dec. 31, 1937. Plans and spe-  
cifications filed

## ELECTRICAL WORK

(94) BAYSHORE HIGHWAY AND  
POWELL STS., EMERYVILLE.  
Electrical work.  
Owner—J. Catucci  
Architect—Will G. Corlett.  
Contractor—Pac. Elec. Motor Co.  
Filed Aug. 3, '37. Dated July 19, '37  
10th day each month, 75% of labor  
and material.  
Usual 35 days, 25%.  
TOTAL COST, \$6155  
Limit, 40 days. Plans and specifica-  
tions filed

## HEATING WORK

(95) BAYSHORE HIGHWAY AND  
POWELL STS., EMERYVILLE.  
Revised heating work for ware-  
house building.  
Owner—J. Catucci  
Architect—Will G. Corlett.  
Contractor—The Scott Co.  
Filed Aug. 3, '37. Dated July 19, '37  
10th day each month, 75% of labor  
and material.  
Usual 35 days, 25%.  
TOTAL COST, \$3666.00  
Limit, 40 days. Plans and specifica-  
tions filed

SAN FRANCISCO CO. PERMITS  
UNDER \$1000

ALTER garage, \$200; 1145 Divisa-  
dero; owner, D. A. Sullivan,  
Prem.  
SIGN, electric, \$60; 580 Valencia;  
owner, Har Jones, Prem.; con-  
tractor, Standard Neon Mfg. Co.,  
1189 Turk St.

ALTER dwelling, \$290; 38 Woodland  
Ave.; owner, Bruno Heyman,  
Prem.; contractor, National Roof-  
ing & Siding Co., 2172 Market St.

ALTER dwelling, \$50; 290 31st Ave.;  
owner, Mr. Groesbeck, Prem.; con-  
tractor, John Beck, 500 Leaven-  
worth.

ALTER store, \$970; 1415 Stockton  
St.; owner, Jo-Jo's Creamery,  
Prem.; contractor, Mundet Cork  
Corp., 440 Brannan St.

SIGN, electric, \$75; 699 Jackson St.;  
owner, Woezy Loey Go Sing Kee,  
Prem.; contractor, A. J. Ray-  
mond, Inc., 712 Sansome St.

SIGN, electric, \$200; 2284 Mission  
St.; owner, Wm. Bruce Hotel,  
Prem.; contractor, Pacific Nsgn  
Mfg Co., 2600 18th St.

ALTER flats, \$400; 2834 Baker St.;  
owner, Angelo Baltrane, 1114  
Montgomery; contractor, Ferroni  
& Sons, 1664 Filbert St.

GARAGE, 1-story frame, \$450; S.  
Castaneda, 153 W San Marcos  
Ave.; owner, Otto H. Letz, 325  
Castaneda; contractor, Charles  
Anderson, 1505 Granville Way.

ALTER flats, \$425; 458 Union St.;  
owner, T. Canena, 454 Union St.;  
contractor, F. Rossi, 1835 Stock-  
ton St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Residences                  |
| 5.—Flats                        | 15.—Schools                     |
| 6.—Garages and Service Stations | 16.—Banks, Stores and           |
| 7.—Federal Build- ings          | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies &            |

### 1— APARTMENTS

Plans Being Figured  
**APARTMENTS** Cost, \$20,000  
 SAN FRANCISCO, N. 20th St., E of Valencia Street.

Two-story frame apartment building (4 4-room apts.)  
 Owner—Miss May Cougan, % Arch. Architect—H. C. Baumann, 251 Kearny Street.

No definite closing date yet set. Following contractors are figuring plans

G. P. W. Jensen, 320 Market St.  
 A. & E. Quinn, 229 Dolores Street.  
 Central Construction Co., 115 Burrows Street.

Contract Awarded  
**APARTMENTS** Cont. Pr., \$11,388  
 SAN FRANCISCO, N. Carl, 30 ft. E of Willard St.

Two-story and basement frame and stucco apartment building.  
 Owner—C. Casson, 2819 19th St.  
 Architect—Fabre & Hildebrand, 110 Sutter St.

Contractor—H. Erickson, 972 Chenery St.

It was previously reported in error that this work would be done by day labor.

### PLANS COMPLETED

**BEVERLY HILLS, Los Angeles Co., Cal.**—Architect Clarence J. Smale, 309 S Orlando St., Los Angeles, has completed plans for a 2-story, 8-unit apt. bldg. to be built at 153 S Camden Drive, Beverly Hills, for E. C. Warner, 1002 Burnside Ave., Los Angeles. Cost, \$40,000.

Contract Awarded  
**APARTMENTS** Cost, \$14,000  
 OAKLAND, Alameda Co., Calif. 4200-92-06 Oakmore Road.

Two-story frame and stucco apartment building (14 rooms).  
 Owner—R. Gaubert, 2437 E. 11th St.  
 Architect—Not Given.  
 Contractor—Gaubert Brothers, 4735 Brookdale Ave.

### 4— FACTORIES & WAREHOUSES

Contract Awarded  
**FACTORY** Cost, \$.....  
 OAKLAND, Alameda Co., Calif. 20th and Feralita Streets.

Addition to factory building to plant.  
 Owner—J. I. Case Co., 20th and Feralita Streets, Oakland.  
 Plans by Engr. Dept. of Owner.  
 Contractors—H. J. Christensen Co., 1935 Webster St., Oakland, and W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

Contract Awarded  
**ALTERATIONS** Cost, \$6,500  
 SAN FRANCISCO, 813 Folsom St.  
 Alter factory building.  
 Owner—Bothin Real Estate Co., 604 Mission St.  
 Architect—Angus McSweeney, 604 Mission St.  
 Contractor—A. F. Mattock Co., 212 Clara St.

**SUB BIDS WANTED**  
 SAN FRANCISCO.—P. J. Walker Co., 607 Sharon Bldg., San Francisco, is figuring plans and desires sub bids not later than Aug. 9, 12 noon, on all portions of the work for the construction of the Schmidt Lithograph Company's plant, Sterling St., near Bryant St.; Consulting Engineer, Jesse Rosenwald, 525 Market St.

Contract Awarded  
**FACTORY** Cont. Pr., \$64,449  
 SAN FRANCISCO, Folsom St., bet. Annie and Fourth Sts.

Three-story reinforced concrete factory building (80 x 143 ft.).  
 Owner—M. Greenberg's Sons, 765 Folsom St.  
 Architect—Hyman & Appleton, 68 Post St.  
 Contractor—Barrett & Hilp, 918 Harrison St.

Complete bids follow:  
 Barrett & Hilp ..... \$64,449  
 Jacks & Irvine ..... 64,856  
 Eavis & Dunn ..... 70,900  
 Mills Const. Co. .... 71,859  
 De Luca & Son ..... 73,964  
 MacDonald & Kahn, Ltd. .... 74,000  
 Alfred P. Fisher ..... 86,000

Preparing Preliminary Plans  
**ADDITION** Cost, \$.....  
 OAKLAND, Alameda Co., Calif. 283 Fourth St.

One-story concrete addition to present three-story warehouse.  
 Owner—Oakland Wholesale Grocery Co., Inc., 283 4th St.  
 Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.

Contract Awarded  
**WAREHOUSE & DRUM BLDG.**  
 MARTINEZ, Contra Costa Co., Calif.  
 Warehouse and drum building at Avon Refinery.

Owner—Associated Oil Company.  
 Plans by Engineering Department of Owner.

Contractor—Dinwiddie Construction  
 210 Crocker Bldg., San Francisco.  
 (9638) 1st rep. July 1; 2nd, July 7, 1937

August 2, 1937  
**Bids In — Held Under Adjudgment**  
**WAREHOUSE** Cost, \$.....  
 AVON, Contra Costa Co., Calif.  
 Paint warehouse.

Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.

Plans by Engr. Dept. of Owner.  
 Announcement in two weeks.

### PLANNED

**HURLEY, N. M.**—The Nevada Consolidated Copper Corp., subsidiary of the Kennecott Copper Co., is planning to construct a smelter and milling plant at Hurley, N. M., to cost about \$5,000,000. The company is also reported to be planning an expenditure of several million dollars on its Arizona properties. R. B. Tempest is general manager of the company's Chino mines, which will smelt its ores in the new plant.

**Sub Contracts Awarded**  
**WAREHOUSE** Cost, \$15,000  
 SAN FRANCISCO, SE Cor. Carroll and Newhall Sts.

One-story mill construction warehouse.  
 Owner—General Brewing Corp., SE Cor. Carroll and Newhall.  
 Architect—Frederick H. Meyer, Kohl Building.  
 Engineer—Michael Pregnon, c/o Contractor.

Contractor—Cahill Bros., 206 Sansome St.

**Concrete**—John Cassaretto Co., 6th and Channel Sts.  
**Framing Lumber**—Eronio Lumber Co., Powell and Beach Sts.  
**Reinforced Steel**—Truscon Steel Co., 604 Mission St.

**Placing Reinforced Steel**—J. Phillip Murphy, 3901 Mission St.  
**Steel Sash**—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Sts.

**Misc. Iron**—Western Iron Works, 141 Beale St.

**Hardware**—Palace Hardware Co., 581 Market St.

### PLANS BEING FIGURED

**SANTA MONICA, Los Angeles Co., Cal.**—The following contractors have been selected to submit bids to the Douglas Aircraft Company for construction of floors, footings and retaining walls for final assembly unit to be built at the company's plant, 3000 Ocean Park Blvd., Santa Monica; K. R. Bradley, 1833 W. Pico Blvd.; Robert E. Millsap, 437 S Hill St., room 603; C. L. Peck, H. W. Hellman Bldg.; Brock & Clark, 107 North Larchmont Blvd.; Pozzo Const. Co., 2403 Riverside Dr., all of Los Angeles; Atlas Const. Co., 39 Congress St., Pasadena; Hoagland Engr. and Const. Co., 502 First National Bank Bldg., Long Beach, Bids to be opened at 3 P. M., Aug. 10, at Santa Monica. The unit will cover an area of 290x 600 ft. and will have a 5-in. concrete floor on the ground. Edward C. and Ellis W. Taylor, architects and engineers, 803 W 3rd St., Los Angeles.

**Additional Sub Contracts Awarded**  
**FACTORY** Est. Cost, \$125,000  
 SAN FRANCISCO SE Fifth and Tehama Sts.

Two-story and part mezzanine Class F factory building (80x275 ft.), reinforced concrete construction, composition roof, steel sash, one freight elevator.

Owner—Field Ernst Envelope Co., 45 Fremont St.

Architect—Day & Michelson, 405 Montgomery St.  
 Contractor—Cahill Brothers, Inc., 206 Sansome St.

**Plumbing**—Jas. H. Pinkerton Co., 927 Howard St.

**Heating**—E. Sugarman, 3624 Geary St.  
**Sprinklers**—Barnard Engineering Co., 142 9th St.

**Brick & Tile**—Harry E. Drake, 606 Mission St.

**Elevators**—Pacific Elevator & Equipment Co., 45 Bausch St.  
**Sheet Metal**—Robert J. Neilan, 39 Ida St.

As previously reported:  
**Steel Sash**—Truscon Steel Co., 601 Mission Street

**Electric Wiring**—Alta Electric & Mechanical Co., Inc., 467 O'Farrell.  
 Reinforcing steel awarded to Truscon Steel Co., 601 Mission St.; placing of reinforcing steel to J. P. Murphy, 3901 Mission St.; concrete to Readmix Concrete Co., Ltd., Carolina and Mariposa Sts.

### Additional Sub-Contracts Awarded

**WAREHOUSE** Cost, \$28,000  
OAKLAND, Alameda Co., Calif. 377  
Second Street.

One-story concrete warehouse (100x  
100x200-ft.)

Owner—The Lurie Co. 333 Montgom-  
ery St., San Francisco.

Lessee—Peninsula Stores, Inc.  
Architect—W. D. Peugh, 333 Mont-  
gomery St., San Francisco.

Contractor Cahill Brothers, 206 Sans-  
ome St., San Francisco.

Miscellaneous Iron and Steel—Her-  
rick Iron Works, 1729 Campbell  
St., Oakland.

Electrical Work—T. L. Rosenberg Co.  
411 Webster St., Oakland.

Plumbing—The Scott Co., 113 10th  
St., Oakland.  
As previously reported: reinforcing  
steel awarded to Trucon Steel Co.,  
604 Mission St., San Francisco; plac-  
ing of reinf. steel to J. P. Murphy,  
3901 Mission St.; steel sash to Con-  
crete Eng. Co., 1250 Indiana St., San  
Francisco.

### 5—FLATS

Completing Plans  
**FLATS** Cost, \$9,000  
SAN FRANCISCO, Stanyan St. and  
Lone Mountain Terrace.

Two-story frame, wood siding and  
brick veneer flat building (5 rms.  
each flat), composition shingle  
roof, wood sash, gas hot air heating  
system.

Owner—Phillip Beale  
Architect—D. E. Jackie, 126 Post St.,  
San Francisco.

Contractor—Standard Building Co.,  
20th Ave. and Judah St.

Plans Being Figured  
**REMODEL FLATS** Cost, \$6,000-7,000  
SAN FRANCISCO, Greenwich St.  
Remodel flat building.

Owner Withheld  
Architect—Fahre & Hildebrandt, 110  
Sutter St.

Plans are now being figured by a  
selected list of contractors.

To Be Done By Day's Work  
**FLATS** Cost, \$8,000  
SAN FRANCISCO, E. 21st Ave., 75  
S Judah St.

Two-story and basement frame and  
stucco flat building

Owner & Builder—Herman Christen-  
son, 190 19th Ave.  
Architect—Not Given

Rds. Close August 7  
**FLATS** Cost, \$

ORFINGTON, San Joaquin Co., Calif.  
Two-story frame flat building (4-  
and 5-room flats), two fireplaces,  
gas furnaces, tile and linoleum  
baths, hardwood floors, wood  
sash and shingle roof.

Owner—W. H. Galbraith, 221 East  
Anasia St., Stockton.

### 6—GARAGES & SERVICE STATIONS

Being Done By Day's Work  
**TRUCK TERMINAL, ETC.**

Truck terminal and service station,  
restaurant, rest rooms.

Owner & Builder—J. R. Van Fleet,  
359 Ventura, Fresno.  
Architect—C. H. Franklin, 416 T. W.  
Patterson Bldg., and E. J. Kump,  
Bowling Bldg., Fresno.

### 7—FEDERAL BUILDINGS

**MATERIALS APPROVED**  
DENVER, Colo. The U. S. P. O. at  
Treasury Department has called  
the following equipment award for  
construction of the U. S. P. O. at  
Downey: Sarver & Zoss, Los An-  
geles, general contractor; main

service switch, Frank Adams Electric  
Company.

### BIDS WANTED

SAN FRANCISCO.—Until August  
27 (postponed from Aug. 6) bids  
will be received by the Procurement  
Division, Public Buildings Branch,  
Washington, D. C., for landscape  
work at the U. S. Mint in San Fran-  
cisco.

**Contract Awarded**  
**POST OFFICE** Cont. Price, \$127,008  
BURBANK, Los Angeles County, Cal.

Olive Avenue bet. San Fernando  
Bldg. and First St.

New U. S. Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect  
of the Treasury Dept., Washing-  
ton, D. C.

Contractor—Sarver & Zoss, Inc., 1015  
W 4th St., Los Angeles.

SAN DIEGO, Calif.—Until August  
25, bids will be received by the Bu-  
reau of Yards & Docks, Navy De-  
partment, Washington, D. C., under  
Spec. No. 842, for electric passenger  
elevator, electric freight elevator, and  
hoistway entrances at the Naval Op-  
erating Base (Hospital), San Diego,  
Calif. Est. cost, \$3,500.

As previously reported, specifica-  
tions and drawings may be obtained  
from the Bureau and from the Pub-  
lic Works Officer, 11th Naval Dis-  
trict, foot of Broadway, San Diego,  
upon deposit of \$10.

### CONTRACT AWARDED

SAN DIEGO, Calif.—Jess Worth-  
ington, 4021 33rd St., San Diego,  
awards contract by 11th Naval Dis-  
trict, for painting two wood latticed  
masts, one approximately 223 ft. high  
and the other 178 ft. high; one spar  
mast approximately 68 ft. high and one  
flagpole approximately 57 ft. high  
at the Point Loma Radio Sta-  
tion, San Diego; Spec. 8498.

**Additional Sub-Contracts Awarded**  
**REPAIRS, ETC.** Cont. Price, \$131,420  
SAN FRANCISCO, U. S. Post Office  
and Courthouse, 7th and Mission.

Repairs and improvements to the  
U. S. post office and courthouse.

Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Washing-  
ton, D. C.

Contractor—F. C. Amoroso & Sons,  
NE Cor. Keith and Wallace Sts.,  
San Francisco.

**Ornamental Iron**—Star Ornamental  
Iron Works, 227 Bay Street.

**Sheet Metal**—Gulfoff Cornice Works,  
1234 Howard Street.

**Linoleum and Rubber Tile**—Higgins  
Co., 1930 Van Ness Avenue.

**Venetian Blinds**—D. N. & E. Walter,  
705 Mission Street.

**Weatherstrip and Window Ventila-  
tors**—Chamberlin Metal Weather-  
strip Co., 595 Post St.

**Reinforcing Steel**—Bethlehem Steel  
Co., 20th and Illinois Sts.

**Concrete**—Ready-Mix Concrete Co.,  
Ltd., Carolina and Mariposa Sts.

**Revolving Door Strips**—C. J. Water-  
house Co., 55 New Montgomery.

**Mill Work and Finish Carpentry**—  
The Fink & Schindler Co., 532  
Brannan St.

**Glass**—W. P. Fuller & Co., 301 Mis-  
sion Street.

**Lumber**—Loop Lumber Co., Central  
Basin.

**Finish Hardware**—Palace Hardware  
Co., 581 Market St.

**Rolling Doors**—The Kinnear Mfg. Co.  
of Calif., 361 Brannan St.

**Marble**—Ray Cook Marble Co., 1535  
Stockton St., Emeryville.

As previously reported: plumbing,  
heating and mechanical awarded to  
M. Desiano, 3117 Fillmore St.; gran-  
ite and stone to California Cut Stone  
& Granite Works, Railroad and Mag-

nolla Aves., South San Francisco;  
electric wiring to Severin Elec. Co.,  
172 Clara Street; painting to W. G.  
Thompson, 336 Church St.; acoustical  
tire to Western Asbestos Co., 675  
Townsend Street; roofing, slate and  
damp-proofing to J. W. Bender Roof-  
ing and Paving Co., 1999 Bryant St.;  
terrazzo to California Terrazzo Mar-  
ble Co., 285 San Bruno Avenue.

**Complete Bids**  
**POST OFFICE**  
SANTA MONICA, Los Angeles Co.  
United States Post Office.

Owner—United States Government.  
Plans by the Treasury Dept., Wash-  
ington, D. C.

Consulting Architect—Robert Dennis  
Murray.

**Low Bidder**—James I. Barnes, Wil-  
boit Bldg., Springfield, Mass.—  
Complete bids follow:

James I. Barnes, Springfield Mass.,  
—\$172,300.

Robert E. McKee, Los Angeles Cal-  
if.,—\$176,500.

Brunzell & Jacobson, Los Angeles,  
Calif.,—\$177,649.

Sarver & Zoss, Los Angeles, Cal-  
if.,—\$178,200.

Theodore A. Beyer Corp., Los An-  
geles, Calif.,—\$178,398.

Calif. Dow Co., Los Angeles, Calif.,  
—179,777.

N. E. Anderson, Los Angeles, Cal-  
if.,—179,970.

Charles J. Dorfman, Los Angeles,  
Calif.,—181,890.

Campbell & Kelly, Los Angeles,  
Calif.,—181,948.

Whittaker & Snook, Pasadena, Cal-  
if.,—183,300.

Baruch Corp., Los Angeles, Calif.,  
—194,553.

Harvey A. Nichols, Los Angeles,  
Calif.,—\$187,151.

Harry F. Miller, Los Angeles, Calif.,  
—187,600.

Carlo Bongivanni, Los Angeles,  
Calif.,—195,500.

W. J. Distell, Los Angeles, Calif.,  
—\$200,950.

Schuler & McDonald, Inc., Oakland,  
Calif.,—\$205,447.

Weymouth-Crowell Co., Los An-  
geles, Calif., and V. R. Dennis, San Diego,  
Calif.,—\$214,500.

§ V. R. Dennis, San Diego, Calif.  
**Contract Awarded**

BAKER, Oregon—L. H. Hoffmann,  
715 Columbia St., Portland, Ore.,  
awarded contract by the Procure-  
ment Division, Washington, D. C.,  
for removal of defective vaults and  
construction of new vaults, walka,  
curbs, etc. at the U. S. Post Office  
at Baker.

**Bids Wanted—To Close Sept. 17.**  
**POST OFFICE** Est. Cost, \$5,000  
MAYWOOD, Los Angeles Co., Calif.  
New United States Post Office.

Owner—United States Government.  
Plans by Supervising Architect of  
the Treasury Dept., Washington,  
D. C.

**Bids Wanted—To Close Sept. 10.**  
**POST OFFICE** Cost, \$80,000  
SHELTON, Mason Co., Wash.

Owner—U. S. Government.  
Plans by the Supervising Architect,  
Treasury Dept., Washington, D.C.

**Sub-Contracts Awarded**  
**UTILITIES BLDG.** Cost, \$125,000  
SACRAMENTO COUNTY, Cal. Army

Air Depot, nr. North Sacramento.  
Chemical Storage Bldg. (Spec. No.  
349-E) One-story reinforced con-  
crete building, 60x80-ft., built-up  
roof, metal windows, etc.  
Paint, Oil and Dope Storage Bldg.  
Open Up. (Spec. No. 349-E) One-story  
reinforced concrete, 120 x 140 feet,  
metal windows, built-up roof, etc.  
Reclamation Bldg. (Spec. No. 349-E) —  
One-story reinforced concrete, 60  
x 120 ft., metal windows, built-up

roof, etc.

Standard Post Ordnance Magazine, Mild Explosives (Spec. No. 350-E); One - story reinforced concrete 26 x 20 ft., corrugated asbestos roof, metal windows, etc. Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).

Plans by Office of the Quartermaster General, Washington, D. C. Contractor—Eaton and Smith, 715 Ocean Ave., San Francisco.

Roofing—Alta Roofing Co., 976 Industrial Street.  
Reinforcing Steel—Bethlehem Steel Co., 20th and Illinois Streets.  
Metal Windows and Doors—Michel & Pfeffer Iron Wks., 10th and Harrison Streets.

Painig—R. P. Paoli and Co., 2530 Lombard Street.

Electric Wiring—Scott-Buttner Elec. Co., 224 Webster St., Oakland.

Miscellaneous Iron—Monarch Iron Works, 262 7th Street.

Mechanical Systems—Cline Equip. Co., 355 Fremont Street.

Plumbing and Heating—Luppen and Hawley, Inc., 3126 J St., Sacramento.

Glass—W. P. Fuller & Co., 1913 12th St., Sacramento.

Brick Work—E. A. Hunn, 917 Fifth St., Marysville.

Window Shades—D. N. & E. Walter & Co., 562-72 Mission Street.

Structural Steel—Golden Gate Iron Works, 1541 Howard Street.

All of San Francisco unless otherwise noted.

Sub-Contracts Awarded  
REPAIR BLDG., ETC.

SALES Contract Price, \$22,918  
SACRAMENTO Co., Cal. Army Air Depot, near North Sacramento.

Equipment Repair Bldg. (Spec. No. 379-E) Two-story reinforced concrete building, 200 x 80 ft.; Operating Office and Engineering Office Bldg. (Spec. No. 355-E);

Two-story reinf. concrete annexes to engineering shop, 40x87 ft. Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).

Plans prepared by the office of the Quartermaster General, Washington, D. C.

Contractor—MacDonald & Kahn, Ltd. 200 Financial Center Bldg., San Francisco.

Contracts awarded under Items 1, 2 3a and 3b.

Reinforcing Steel—Truscon Steel Co., 604 Mission Street.

Roofing—G. W. Davenport, 717 C St., San Rafael.

Plastering—M. J. King, 231 Franklin.

Window Shades, Etc.—D. N. & E. Walter & Co., Inc., 562 Mission.

Metal Pans—Concrete Engr. Co., Inc. 1230 Indiana Street.

Structural Steel—Palm Iron & Bridge Works, P. O. Box 746, Sacramento

Sheet Metal—Wieland and Kolthoff, 2194 Polson Street.

Electric Work—Scott Buttner Elec. Co., 224 Webster St., Oakland.

Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.

Metal Floors—H. H. Robertson, 50 Hawthorne Street.

Miscellaneous Iron—Monarch Iron Works, 262 Seventh St., Oakland.

Kitchen Equipment—Mangrum-Holbrook Co., 1235 Mission St.

Glass—W. P. Fuller & Co., 301 Mission Street.

Plumbing & Heating—M. R. Carpenter, 907 Front St., Sacramento.

Steel Door Fire Protection Products Co., 1101 16th Street.

All of San Francisco unless otherwise noted.

Sub Contracts Awarded  
WARRICK, Kern Co., Calif.—F. A. Greenough, 2931 22nd St., Bakers-

field, awarded following sub contracts for construction of an addition to garage and new transformer at Wasco High School. Plans by architect, Lee Mackie; Herbert E. Mackie, architect, Los Angeles.

Roofing—Orvil W. McKay, 1669½ Chester St., Bakersfield.

Plumbing—A. E. Abbott, 910 Monterey St., Bakersfield.

Sheet Metal—J. E. Pettijohn Co., 1115 Golden State Highway, Delano.

Electric Wiring—Hiland Electric Co., Wasco.

Painting—Peckham & Foster, 4171 Madison Ave., Culver City.

Lathing & Plastering—F. E. Davis, 1319 26th St., Bakersfield.

Low Bidders  
POST OFFICE Est. Cost, \$315,000  
SANTA MONICA, Los Angeles Co., United States Post Office.

Owner—United States Government.  
Plans by the Treasury Dept., Washington, D. C.

Consulting Architect—Robert Dennis Murray.

Low Bidder—James I. Barnes, Wilcox Bldg., Springfield, Mass.—\$172,300

Three low bids follow:  
James I. Barnes, Springfield, \$172,300  
Robert E. McKee, L. A., 176,300  
Brunzell & Jacobsen, L. A., 165,459

Mr. Barnes was low bidder in all items

BIDS OPENED  
SAN DIEGO, Calif.—Quiry & Centman, San Diego, at \$436, submitted low bid to the Procurement Division, Washington, D. C., for painting plaster, etc. in the U. S. Quarantine Station at San Diego.

Complete bids follow:  
Quiry & Centman, San Diego \$436  
Jess E. Worthington, S. D. 486  
E. H. Gray, S. D. 500  
D. Zelinsky & Sons, L. A. 941

BIDS OPENED  
UKIAH, Mendocino Co., Cal.—Usونا Mfg. Co., St. Louis, at \$148 submitted low bid to the Procurement Division, Washington, D. C., for bronze handrails at the U. S. P. O., Ukiah.

Complete bids follow:  
Usونا Mfg. Co., St. Louis \$148  
Walter Bros. Co., N. Y. City 154  
Newman Bros., Cincinnati 227

Contract Awarded  
SEATTLE, Wash.—Western Construction Co., Textile Towers, Seattle, at \$8,996, awarded contract by the Treasury Department, for roof repairs, etc., at the U. S. Federal Office Bldg., Seattle, under Spec. SE-R.

Complete bids published July 15.

Bids Wanted—To Close Sept. 17, 1 P. M.  
POST OFFICE Est. Cost, \$85,000  
MAYWOOD, Los Angeles Co., Calif. U. S. Post Office.

Owner—United States Government.  
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Buildings Branch, Washington, D. C. No deposit for one set of plans.

Bids Wanted—To Close Sept. 16, 1 P. M.  
POST OFFICE Est. Cost, \$80,000  
SHELTON, Mason Co., Wash. U. S. Post Office.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs Branch, Washington, D. C. No deposit required for one set of plans.

Bids Wanted—To Close Sept. 16, 1 P. M.  
POST OFFICE Est. Cost, \$80,000  
SHELTON, Mason Co., Wash. U. S. Post Office.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs Branch, Washington, D. C. No deposit required for one set of plans.

Additional Contract Awarded  
ALTERATIONS Cost, \$80,000  
SACRAMENTO, Sacramento Co., Cal. Fifth and J Streets

Alterations to "Travelers" Hotel (remodeling, re-roofing, installing 200 rooms; re-furnishing, painting, new roof and ventilating system in coffee

## 9— HOSPITALS

### PLANS BEING FIGURED

LOS ANGELES, Cal.—Architect L. L. Dorr, 506 Architects Bldg., Los Angeles, is taking bids from a closed, selected list of bidders for a new two-story Class A pathological bldg., 66x12-ft. in area, to be built at 1721 Griffin Ave. for the College of Osteopathic Physicians & Surgeons. Cost, \$70,000.

### PLANS COMPLETED

WHITTIER and Belvedere, Los Angeles Co., Cal.—Phillip J. Rowell, 231 14th St., Santa Monica, will build a medical building in Whittier and one in Belvedere Gardens (50x65-ft. ea.) for Ross, Loose Medical group. H. Guthrie Thursby, architect, 1424 4th St., Santa Monica.

### LOW BIDDER

LONG BEACH, Cal.—Schoenberger Bros., 1649 Obispo Ave., Long Beach, submitted low bid for the construction of a one- and part two-story and basement hospital at 28th Street and Atlantic Ave., Long Beach, for the Long Beach Maternity Hospital. Francis H. Gentry, engineer, Jergens Trust Bldg., Long Beach.

### Plans Completed

ADDITION Cost, \$ 11,000  
SELMA, Fresno Co., Calif.  
One-story and basement concrete and frame addition to sanitarium. Owner—Selma Sanitarium.  
Architect—C. H. Franklin, 416 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.

Bids will be asked within a few days.

## 10— HOTELS

Sub Contracts Awarded  
ADDITION Est. Cost, \$100,900  
SAN FRANCISCO, Market and New Montgomery Sts.

Addition to second floor of Palace Hotel, steel and reinf. concrete addition, facing on Jessie and Annie Streets.

Owner—Palace Hotel Company, Inc. Architect—Bliss & Fairweather, Ballston Bldg., San Francisco.

Contractor—P. J. Walker Co., 607 Sharon Building.

Structural Steel—Western Iron Wks., 141 Beale St.

Masonry—Wm. A. Rainey & Son, 323 Clementina St.

Plastering—A. Knowles, 982 Bryant St.

Marble—Vermont Marble Company, 525 Market St.

Elevator—Otis Elevator Co., 1 Beach St.

Konset Wash—Conrad B. Sovie Co., 248 Oak St.

Glass—W. P. Fuller & Co., 301 Mission St.

Steel Sash & Ornamental Iron—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts.

### Construction Underway

ADDITION Cost, \$ 100,000  
OAKLAND, Alameda Co., Cal. Lake Merritt.

Addition to the dining room of the Lake Merritt Hotel (40 x 39 ft.). Owner—Lake Merritt Hotel.

Architect—Richard C. Schuppert, 1570 Wellington St., Oakland.

Contractor—Oscar Soder, 841 Arlington St., Oakland.

Additional Contract Awarded  
ALTERATIONS Cost, \$80,000  
SACRAMENTO, Sacramento Co., Cal. Fifth and J Streets

Alterations to "Travelers" Hotel (remodeling, re-roofing, installing 200 rooms; re-furnishing, painting, new roof and ventilating system in coffee

shop, etc.).  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Construction Department of Owner.  
 Air Conditioning and Refrigeration—E. B. Ward, 270 Fremont St., San Francisco \$6,650.  
 Contracts previously awarded published April 27.

### 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

#### BIDS WANTED

**SAN FRANCISCO**—Until August 11, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for installing freight elevator in the Veterans' Bldg., Civic Center. Estimated cost, \$3,200.  
 Plans obtainable from City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

#### Contract Awarded

**BOILER**—Cost Cont. Price, \$22,989  
**STOCKTON**, San Joaquin Co., Calif.  
 State Hospital Farm.

Construction of a 300-h. p. W. T. boiler in the Boiler Plant at the  
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Contractor—Walter S. Leland Co., Walnut Creek.

**Bids Wanted—To Close Aug. 20**  
**REMODEL JAIL** Cost, \$16,000  
**FRESNO**, Calif.

Remodel county jail; strengthen structure, lower felony cells to floor for use as holdover tank.  
 Owner—County of Fresno.  
 Architect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.

**Bids Wanted—To Close Aug. 16th**  
**FAIR BLDG., ETC.** Cost, \$13,000  
**BOONVILLE**, Mendocino Co., Cal.

One-story frame and stucco fair bldg. and stock shed.  
 Owner—County of Mendocino.  
 Architect—John Easterly, Healdsburg and Santa Rosa.

#### BIDS WANTED

**SACRAMENTO**—Until August 10, 2 p.m., bids will be received by Geo. B. McDougall, State Architect, Public Works Building, Sacramento, for the sale of structures only, consisting of a two-story frame dwelling with high basement, 1014 N Street; two 2-story frame dwellings with high basements and high attics and two-story frame barn at rear, 3016 and 1015 N Street; two-story frame apartment building with high basement and attic with one-story frame dwelling and woodshed at rear, 1020 N Street; two-story frame apt. building with high basement and attic, 1024 N Street; two-story frame building, 1030 N Street; two-story frame dwelling, 1406 11th Street; nine garages at rear, frame brick and tile, 1024-1030 N Street; separate bids for the structures only will be considered.

Certified or cashier's check made payable to the "Department of Finance, State of California," for the total amount of bid must be tendered when offer is submitted.

#### CONTRACT AWARDED

**MERCED**, Calif., Paul McCormbs, 648 19th St., Merced, at \$1,996, submitted low bid, and was awarded contract by the City of Merced, W. T. Clough City Clerk, for remodeling of the Council Chambers of the City Council in the City Hall.

Complete bids follow:  
 Paul McCormbs, \$1,996  
 Cameron & Son, 2,136

Liner & Allen, 2,170  
 M. B. Folsom, 2,190

#### SUB BIDS WANTED

**OAKLAND**, Alameda Co., Calif.—D. W. Nicholson, 357 12th St., Oakland (Glencourt 6526), is figuring plans and desires sub bids on all portions of the work for the construction of the Alameda County Garage, Thirteenth St., bet. Jackson and Madison Sts., Oakland, for which bids will be opened August 10, 10 a.m.  
 Plans prepared by Architects Henry A. Minton, San Francisco, and Carl Werner, Alameda.

**Bids Wanted—To Close August 24, 10 A. M.**

**BARRACKS BLDG.** Est. Cost, \$14,000  
**ALAMEDA COUNTY**, Cal. Near San Leandro (Alameda County Prison Farm).

One-story frame barracks bldg. (50x100-ft.) to be constructed on the grounds of prison farm.  
 Owner—County of Alameda.  
 Architect—James W. Placheck, 511 Mercantile Bank Bldg., Berkeley.  
 Plans and specifications may be obtained from the office of the Alameda County Clerk upon deposit of \$25.00.

#### BIDS OPENED

**TUOLUMNE CO.**, Calif.—S. C. Giles, 127 Knolls Way, Stockton, at \$73,654, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 170, for construction of cottages and appurtenant structures at Moccasin and Priest.

Separate bids were taken as follows: however, work will be awarded as one contract:

- (1) One cottage, Priest reservoir;
- (2) Four Type L cottages at Moccasin—Nos. 24, 25, 27 and 28;
- (3) One Type No. 2 cottage with basement, Moccasin—No. 22;
- (4) Three Type No. 2, cottages at Moccasin—Nos. 23, 26, 29;
- (5) One seven-car garage building, with concrete apron at Moccasin;
- (6) Addition to store building at Moccasin;
- (7) One single woodshed at Moccasin, on Lot F;
- (8) Three double woodsheds at Moccasin, on Lots H, I, J, K and L—M;
- (9) One water supply unit for cottages and garage building, at Moccasin.

Work includes clearing the sites of the work, excavation and backfill for the foundations and appurtenant work and construction. Cottages are to be constructed with concrete foundations, timber frame, stucco exterior and insulated interiors.

Complete bids follow:  
 S. C. Giles, Stockton—(1) \$10,823.14, (2) \$26,160.40, (3) \$7,115.41, (4) \$21,000.00, (5) \$3,168.55, (6) \$1,910.65, (7) \$20,000.00, (8) \$1,743.85, (9) \$1,301.40.

Contract—Tomnitz & King, Modesto—(1) \$11,779.84, (2) \$30,003.55, (3) \$8,607.72, (4) \$25,753.74, (5) \$4,828.61, (6) \$1,965.48, (7) \$37.34, (8) \$2,014.27, (9) \$1,773.48.

W. T. Tait Co., San Francisco—(1) \$12,747, (2) \$34,233, (3) \$9,308, (4) \$20,652, (5) \$5,625, (6) \$2,323, (7) \$456, (8) \$2,008, (9) \$1,127.

Fred J. Barby, Jr., San Francisco—(1) \$11,850, (2) \$34,783, (3) \$9,220, (4) \$20,600, (5) \$5,445, (6) \$3,080, (7) \$475, (8) \$9,860, (9) \$1,463.

Bids referred to the Public Utilities Commission.

**No Bids Received—New Bids Wanted**  
**SAN FRANCISCO**—Until August 11, 1:15 p.m., informal bids will be received by the Dept. of Public Wks., Room 251, City Hall, for cleaning and painting approximately 96 yards of linoleum at the Main Library at Lar-

kin and McAllister Streets.

Specifications obtainable from R. A. Chivich, Superintendent of Public Bldgs., 483 11th St.  
 No bids were received Aug. 4.

#### BIDS OPENED

**SAN FRANCISCO**—Braas & Kuhn Co., 1917 Bryant St., at \$2,644, submitted low bid to the Dept. of Public Works, City Hall, for general construction of alterations to Room 479, City Hall.

Complete bids follow:

Braas & Kuhn Co., \$2,644  
 Bureau of Bldg. Repair, 2,910  
 Pink & Schindler, 3,311  
 Peter Sartorio, 3,374

#### BIDS WANTED

**SAN FRANCISCO**—Until August 18, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for general construction of lobby and elevator enclosure in the Civic Auditorium. Estimated cost, \$1,850.

Plans and specifications may be obtained from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

### 14— RESIDENCES

**Plans Being Figured—To Close Aug. 9, 4 P. M.**

**RESIDENCE** Cost, \$10,000-11,000  
**SAN FRANCISCO**, St. Francis Wood. Two-story frame and stucco residence.

Owner—Withheld.

Architect—John E. Fennacy, 1700 Financial Center Bldg., Oakland.

Plans are being figured by the following selected list of contractors:  
 A. Frederick Anderson, 3524 Harbor View Ave., Oakland.  
 Olaf Petersen, 3626 Rhoda Ave., Oakland.

G. P. W. Jensen & Sons, Inc., 320 Marble St., San Francisco.  
 Moore & Madsen, 555 Market St., San Francisco.

William Martin, 666 Mission St., San Francisco.

H. Papenhausen, 595 Victoria St., San Francisco.

H. C. Hogrefe, 359 24th Ave., San Francisco.

#### Plans Being Figured—

**To Close August 16, 4 P. M.**  
**RESIDENCE** Cost, \$

**STOCKTON**, San Joaquin Co., Calif. One-story frame and stucco and brick veneer residence (5 rooms), shingle roof, steel sash, tile bath, double garage.

Owner—Joseph Rizzo % Arch.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Plans are being figured by a selected list of contractors.

#### CONTRACT AWARDED

**LOS ANGELES**, Calif.—Don S. Ely, 9741 Charnock Ave., Palms, awarded contract for construction of a 2-story 12-room addition to a convent building in the 8000 block on Holloway St., West Hollywood, for the Archdiocese of Los Angeles and St. Victor's Parish. Gene Verge, architect, 604 Beau Arts Bldg., Los Angeles.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$3,350

**SANTA ROSA**, Sonoma Co., Calif. One-story frame and stucco residence (5 rooms, 1 bath), hardwood floors, tile bath, etc.  
 Owner—Alice Tracey, San Rafael.  
 Architect—John Easterly, Santa Rosa and Healdsburg.

Contractor—Ireland & Woods, Santa Rosa.

**Contract Awarded**

**RESIDENCE** Cost, \$17,056  
**SAN MATEO**, Baywood, Parrott Dr.



Two-story frame and stucco residence.

Owner—V. K. Nagel.  
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.  
Contractor—Henry Voelker, 805 Winchester Ave., Burlingame.

#### Preparing Plans

RESIDENCE Cost, \$16,500  
SAN FRANCISCO. Scott St., near Broadway.

Two-story frame and stucco residence (9 rooms, 5 baths), hardwood floors, tile baths, composition shingle roof, wood sash, etc.  
Owner—Withheld.

Mgr. of Construction—Cyril Doane, 49 Rico Way.

#### Completing Plans

RESIDENCE Cost, \$.....  
PIEDMONT, Alameda Co., Calif.

Two-story frame and stucco residence.

Owner—G. O'Connor, c/o Architect.  
Architect—Clarence W. Mayhew, 6026 Acacia St.

Plans have been completed and sent out to a selected list of contractors in one week.

#### Contract Awarded

RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 2587 El Caminito.

One-story frame and stucco residence (5 rooms).

Owner—M. L. Wadman, 419 Wayne Street.

Architect—Not Given.  
Contractor—Harold A. Savage, 2024 University Ave., Berkeley.

#### Contract Awarded

RESIDENCE Cost, \$24,850  
OAKLAND, Alameda Co. Lot 7, Blk. E. Claremont Pines.

Two-story frame and stucco residence.

Owner—Dr. J. R. Henry, 5641 Council Club Dr., Oakland.

Architect—Roger Blaine, 5574 Florence Ave., Oakland.  
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.

Bids Wanted—To Close Aug. 11, 8 M.

RESIDENCE Cost, \$.....  
UKIAH, Mendocino Co., Calif.

Two-story frame residence (8 rms.), hardwood floors, tile baths, shake roof, etc.

Owner—George Wildberger, c/o Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Following are figuring plans:  
E. Ahlstrom, 223½ S. R. Ave., Santa Rosa.

C. L. Personette, 731 Santa Rosa Ave., Santa Rosa.

H. V. La Porte, Box 602 Ukiah.  
Charles Swansfelt, Box 114, Ukiah.  
Sjoberg & Jamison, 146 Ghislin St., Ukiah.

#### Sub-Contracts Awarded

RESIDENCE Cost, \$.....  
ARLINGTON HGTS., Alameda Co., Calif. Near Berkeley.

One-story frame and stucco residence (five rooms) shingle roof, wood sash, etc.

Architect—J. E. Dinwiddie, 360 Pine St., San Francisco.

Contractor—Randolph E. Parks, 2104 Addison St., Berkeley.

Roofing—Frank Primrose, 709 45th Street.

Plumbing—J. H. Fazio, 402 Castro.  
Electric Wiring—C. D. Collins, 587 Mira Vista Ave.

Sheet Metal—Mork Sheet Metal Wks 1606 10th St., Berkeley.

Brick and Stone Work—Collins and

Senior.

Foundations & Concrete—Ensor Buel, 5340 Grove Street.

Mill Work—General Mill & Lumber Co., 1600 34th St.

Lathing and Plastering—H. A. Childers, 5821 Racine St.

Linoleum—Linoleum Studio, 2061 Webster St.

All of Oakland unless otherwise noted.

#### Plans Completed

RESIDENCE Cost, \$8,000  
MERCED, Calif.

One-story frame residence; shingle roof.

Owner—Dr. James A. Parker, Merced.  
Architect—C. H. Franklin, 416 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.

Bids will be asked within a few days.

#### Contract Awarded

RESIDENCE Cost, \$12,900  
PALO ALTO, Santa Clara Co., Calif.

One-story frame and stucco residence and garage.

Owner—F. J. Siebert, 1773 Webster St.

Architect—Not Given.  
Contractor—Stedman & Stedman, 2280 Byron St.

#### Bids In—Held Under Adjudgment

RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co.

Two-story frame and stucco residence (eight rooms), shake roof, hardwood floors, wood sash, gas-fired hot air heating system.

Owner—John Willis, c/o Architect.  
Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

Announcement in one week.

#### Sub Contracts Awarded

RESIDENCE Cost, \$7,500  
SAN FRANCISCO. E. Ninth Avenue, 102 S. Mesa.

Two-story frame and stucco residence.

Owner—R. J. Thomas, 114 Sansome.  
Architect—Not Given.

Contractor—E. W. Perkins, 3500 Fulton Street.

Roofing—East Bay Tile Co., 1818 San Pablo Ave., Berkeley.

Plumbing—Security Plumbing Co., 1657 Market St., San Francisco.

Electric Wiring—State Electric Co., 556-A Waller St., San Francisco.

Heating & Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.

Tile Work—Granada Tile Co., 1553 Page St., San Francisco.

Glass—Mission Glass Co.

Window Shades—D. N. & E. Walter & Co., Inc., 562 Mission St.

Hardwood Floors—McCrellis Hardwood Floor Co., 1445 26th Ave.

Iron Grille Work & Stairs—Ode & De Michels, 1215 Geary St.

Brick & Stone Work—B. A. Holding, P.O. Box 295, Port Chicago, Calif.

Grading—J. McCulloch.

Foundations & Concrete—Golden West Concrete Co., 3 Boyce St.

Lumber—Smith Lumber Co., Fourth and Channel Sts.

Mill Work—Warden Bros., 2501 Army Street.

Hardware—Jackson's, 1929 Irving.

Painting—E. L. Perkins.

Lathing & Plastering—G. H. Martelli Co., 666 Mission St.

Linoleum—Kevon Bros., 212 Waters St., Santa Cruz.

Sub Contracts Awarded

RESIDENCE Est. Cost, \$8,000  
BERKELEY, Alameda Co., Calif.

One-story frame and stucco residence (6 rms.), shake roof, hardwood floors, linoleum baths, gas-fired hot air heating system, etc.

Owner—Mr. Chanter, c/o Architect.

Architect—F. L. Confer, 3147 Claremont Ave., Berkeley.

Contractor—L. Neilson, 1295 Hearst Ave., Berkeley.

Roofing—Cardwell & Son, Albany.

Plumbing—Jewons Plumbing Co., 1514 University Ave., Berkeley.

Electric Wiring—Brooks Electric Co., 3236 Adeline St., Berkeley.

Heating and Sheet Metal—Aarvaks Heating Appliance Co., 2313 Valley St.

Tile Work & Linoleum—Superior Tile Co., 3743 Broadway, Oakland.

Glass & Mill Work—Hill Lumber & Hardware Co., Brighton & Alamo Sts.

Hardwood Floors—John Prochlette, 1501 Cedar St., Berkeley.

Brick & Stone Work & Hollow Tile—O. P. Restrump, 3104 Ellis St.

Grading—W. H. Watkins, 134 San Carlos Ave., El Cerrito.

Foundations & Concrete—Ensor H. Buel, 1295 Hearst Ave., Berkeley.

Lumber—Smith Lumber Co., 19th and Estuary, Oakland.

Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Painting—W. A. Reed, Berkeley.

Lathing & Plastering—John N. Larsen, 4916 Huber St., Richmond.

#### OWNER TAKING BIDS

LODI, San Joaquin Co., Calif.—Arthur F. Smith, Lodi, is taking bids for a 5-room frame residence to be built in Lodi for himself; 2-car garage with overhead doors. Leo F. Bachman, architect, 3142 Wilshire Blvd., Los Angeles.

Contract Awarded

RESIDENCE Cost, \$9,000  
SAN JOSE, Santa Clara Co., Calif.

Ayer Ave., bet. San Pedro and Losse Court.

Seven-room frame residence.

Owner—A. J. Monty, 819 E. Julian St.

Architect—Not Given.

Contractor—Gibson-Wheeler Co., 19 N. Second St.

To Ask Bids This Week

RESIDENCE Cost, \$.....  
SAN JOAQUIN CO., near Lodi.

Two-story stucco and rustic residence (8 rooms), wood shingle roof, wood sash, hardwood floors, linoleum baths, oil-burning heat.

Owner—Withheld.

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Owner Now Taking Bids

RESIDENCE Cost, \$.....  
MARIN CO., Tamalpais Valley.

One-story frame and stucco residence (5 rooms), hardwood floors, tile baths, shingle roof, floor furnaces, wood sash.

Owner—L. L. Commy, 509 Sansome St., San Francisco.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

Mr. Commy is now taking figures from a selected list of contractors.

Contract Awarded

RESIDENCE Cost, \$7,000  
SAN FRANCISCO. NE Villa Terrace and Graystone Terrace.

Two-story and basement frame and stucco residence.

Owner G. Adams, 3043 Market St.

Architect—Not Given.

Contractor—Frank E. Nelson, Inc. 2 Edgewood Way.

Contract Awarded

RESIDENCE Cost, \$7,500  
SAN FRANCISCO. NW Francisco and Leavenworth Streets.

Three-story and basement frame residence.

Owner T. A. Driscoll, 1157 Taylor Street.

Architect—Not Given.

Contractor—James H. Hjul, 128 Russ Street.

To Be Done By Day's Work  
 RESIDENCE Cost, \$7,500  
 SAN FRANCISCO. S. Castenada  
 Ave., 363 W. Montalvo.  
 Two-story and basement frame  
 and stucco residence.  
 Owner & Builder—S. E. Muher, 3210  
 Gough St.  
 Architect—John Easterly, Santa Rosa  
 and Headsburg.

## 15—SCHOOLS

### BIDS WANTED

OAKLAND, Alameda Co., Cal.—  
 Until August 17, bids will be received  
 by the Oakland Board of Education  
 for demolition and removal of the  
 Montclair School, Thorn Road and  
 Mountain Blvd.

### SUB-BIDS WANTED

CONTRA COSTA CO., Calif.—Mid-  
 state Construction Co., 501 Pacific  
 Southwest Bldg., Fresno, is figuring  
 plans and desires sub-bids on all  
 portions of the work for the construc-  
 tion of three additional classrooms  
 and an auditorium for Ambrose  
 Grammar School, for which bids will  
 be opened August 12, 8 P. M.

Plans prepared by Architect Har-  
 old H. Weeks, 593 Market St., San  
 Francisco.

### BID OPENED

SAN FRANCISCO.—Ocean Shore  
 Iron Works, 550 8th St., at \$41.20,  
 submitted only bid to the Dept. of  
 Public Works, Room 251, City Hall,  
 for welding two three-sixteenth-inch  
 steel rings on inside of boiler heads  
 and furnish two 4-in. by 6-in. hand-  
 hole plates with guards, bolts and  
 gaskets at High School of Commerce,  
 Van Ness Avenue and Hayes St.

### Contract Awarded

COMPLETE GYM Cont. Pr., \$6,295  
 MODESTO, Stanislaus Co., Calif.  
 Completion of the Roosevelt Ele-  
 mentary Gymnasium unit building on  
 the site of the Roosevelt Ele-  
 mentary School.

Owner—Modesto Elementary School  
 District.

Architect—John J. Donovan, 950  
 Parker St., Berkeley.  
 Contractor—L. Uebel, Box 181, Ripon.

Complete bids follow:  
 L. Uebel, Ripon..... \$6,295  
 E. J. Jarvis, Modesto..... 4,700  
 G. Roek, Stockton..... 6,880

### CONTRACT AWARDED

KERN COUNTY, Cal.—Wm. Gan-  
 non, 1620 18th St., Bakersfield, was  
 awarded contract by Lost Hill School  
 District at \$5744 for construction of  
 a duplex cottage in Kern county for  
 the district. Plans by Perrine and  
 Mackie, Herbert E. Mackie, archi-  
 tect, 908 Western Pacific Bldg., Los  
 Angeles.

### Contract Awarded

COMPLETE GYM Cont. Pr., \$17,195  
 MODESTO, Stanislaus Co., Calif.  
 Complete Modesto High School girls'  
 gymnasium.

Owner—Modesto High School District  
 Architect—John J. Donovan, 950 Par-  
 ker St., Berkeley

Contractor—L. Uebel, Box 181, Ripon.  
 Complete bids follow:  
 L. Uebel, Ripon..... \$17,195  
 G. Roek, Stockton..... 17,390  
 E. J. Jarvis, Modesto..... 17,700

### CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif.—  
 Trewbitt - Shields & Fisher, 1501 Pa-  
 cific Southwest Bldg., Fresno, awarded  
 contract for construction of a 26-  
 unit auto court at Bakersfield. Ken-  
 neth S. Wing, architect, 501 Termino

### Ave., Long Beach.

### BIDS WANTED

SEATTLE, Wash.—Until August 31  
 11 A. M., bids will be received by the

University of Washington at Seattle  
 for new boiler and auxiliary equip-  
 ment at the University.

Plans and specifications may be  
 obtained at the office of Lincoln  
 Beck, mechanical engineer, 1411  
 4th Ave. Bldg., Seattle, upon deposit  
 of \$25.00.

### Contract Awarded

SCHOOL Cost, \$.....  
 WRIGHTWOOD, San Bernardino Co.,  
 Combination classroom and audi-  
 torium building of concrete, frame  
 and stucco construction, asbestos  
 shingle roof, wood sash, etc.

Owner—Wrightwood Elementary Sch.  
 District.

Architect—H. W. Howell, 157 Chel-  
 tenham Drive, Santa Barbara.  
 Contractor—L. P. Scherer, P. O. Box  
 423, Redlands.

### BIDS WANTED

LOS ANGELES, Calif.—Until Aug.  
 6, 2 p.m., bids will be received by  
 Los Angeles Board of Education for  
 retaining wall and ground improve-  
 ments at the Belmont high school. 15

### Sub-Contracts Awarded

SHOP & GYM Cont. Pr., \$78,842  
 AVENAL, Kings Co., Calif.

One-story frame and stucco shop  
 and gymnasium building on the  
 grounds of Avenal High School  
 District.

Architect—H. H. Weeks, 593 Market  
 St., San Francisco.  
 Contractor—N. H. Sjoborg and Son,  
 5604 E 18th St., Oakland.

Lumber and Misc. Hardware con-  
 tract to Coalings Kettleman Lbr. Co.,  
 Avenal; concrete materials to Brown  
 Materials Co., Box 88, Huron; rein-  
 forcing steel to Kyle Co., 346 G St.,  
 Fresno; millwork to Lannom Broa.  
 Mfg. Co., 5th and Magnolia, Oakland;  
 plumbing and heating to Scott Co.,  
 242 Minna St., San Francisco; elec-  
 trical work to Lynn & Heffernon,  
 114 Ashton Ave., San Francisco;  
 sheet metal work to Morrison Co.,  
 74 Duboce Avenue, San Francisco;  
 lathing and plastering to Jos. Maal,  
 1837 Fremont St., Fresno; Roofing  
 and dampproofing and linoleum to  
 C. E. McMullin Co., 1225 Broadway,  
 Fresno; glass and glazing to W. P.  
 Fuller & Co., Box 2217, Fresno;  
 structural and misc. iron to Indepen-  
 dent Iron Works, 821 Pine St., Oak-  
 land; tile work to Rigney Tile Co.,  
 3012 Harrison St., Oakland.

Steel sash to Gleason Steel Prod-  
 ucts Co., 1310 63rd St., Oakland;  
 painting to C. W. Sullberg & Son, 606  
 Spencer Ave., Santa Rosa; hardwood  
 floors, to Regal Floor Co., 260 Te-  
 hama St., San Francisco; finish  
 hardware to Marshall-Newell Supply  
 Co., 2100 and Mission Streets, San  
 Francisco; patent window hdwe. to  
 Dalmo Sales Corp., 511 Harrison St.,  
 San Francisco; metal lockers to  
 Worley Co., 39 Natoma Street, San  
 Francisco; folding benches and bas-  
 ket ball back stops to Dwan & Co.,  
 128 Post St., San Francisco.

### CONTRACT AWARDED

SONOMA, Calif.—Don E. Mohr,  
 Napa, at \$1,174, awarded contract,  
 under Spec. No. 2, by the Sonoma  
 School District, John J. Mohr, Clerk,  
 for roofing the main building of the  
 Sonoma Grammar School.

Complete bids follow:  
 Don E. Mohr, Napa—(1) \$889; (2)  
 \$1,174.  
 Napa Roofing Co.—(1) \$956; (2)  
 \$1,187.  
 John Lane, Santa Rosa—(1) \$985.  
 Marin County Roofing Co., San  
 Rafael—(1) \$979.  
 Davenport Roofing & Tiling Co.,  
 San Rafael—(1) \$1,067.  
 C. E. Bean, Xonoma—(1) \$1,168.  
 C. E. Vincent, Oakland—(1) \$1,250.

### Contract Awarded

SMARTVILLE, Yuba Co., Calif.—  
 Ralph H. Cochrane, 220 Colfax Ave.,  
 Grass Valley, at \$2,849.50, submitted  
 only bid and was awarded contract  
 by the Rose Bar Elementary School  
 District, Thomas Mooney, Clerk, for  
 construction of a one-room frame  
 schoolhouse at Smartville.

### To Be Done By Day's Work

RESIDENCE Cost, \$10,000  
 SAN FRANCISCO. S. Marina Blvd.,  
 85 E of Divisadero St.  
 Two-story and basement frame resi-  
 dence.

Owner & Builder—Oliver M. Rous-  
 seau, Inc., 321 Kearny St.  
 Architect—Wm. Gunnison, 251 Kear-  
 ny St.

### Contract Awarded

RESIDENCE Cost, \$11,000  
 SAN FRANCISCO. NE Cor. Lans-  
 dales Ave. and Robinhood Dr.  
 Two-story and basement frame resi-  
 dence.

Owner—R. O. Schraft, 321 Kearny  
 St.  
 Architect—Wm. Gunnison, 251 Kear-  
 ny St.  
 Contractor—Oliver M. Rousseau, Inc.,  
 321 Kearny St.

### To Be Done By Day's Work

RESIDENCES Cost, \$5,000 each  
 SAN FRANCISCO. S. Escotta Way,  
 W of 30th Ave.  
 Nine one-story and basement frame  
 and stucco residences.

Owner & Builder—A. & D. Realty Co.,  
 954 Irving St.  
 Architect—Not Given.

### Contract Awarded

RESIDENCE Cost, \$8,500  
 OAKLAND, Alameda Co., Calif. 825  
 48th St.

One-story frame and stucco resi-  
 dence (5 rooms).  
 Owner—Guseppe Faglano, 823 43rd  
 St.

Architect—Not Given.  
 Contractor—John Cisero, 474 42nd St.

### Completing Working Drawings

RESIDENCE Cost, \$20,000  
 SAN FRANCISCO. Landsdale Ave.,  
 Sherwood Forest.

2½-story frame and stucco and brick  
 veneer residence (9 rooms), brick  
 terraces, terrace walls and steps,  
 forced warm air heating system,  
 shingle tile roof, two-car garage.  
 Owner—Withheld.

Architect—C. O. Clausen, 736 46th  
 Avenue.  
 Upon completion of plans, general  
 figures will be asked.

### Contract Awarded

RESIDENCE Cost, \$15,500  
 BERKELEY, Alameda Co., Calif.  
 Two-story frame and stucco and  
 brick veneer residence, hot water  
 heating system, steel sash, shaks  
 roof, etc.

Owner—Hyer, 1423 Spruce St.  
 Architect—ohn Dudson Thomas, 51  
 Norwood Ave., Berkeley.  
 Contractor—J. R. Armstrong, 1131  
 Fleet Road, Oakland.

### Low Bidder

RESIDENCE Cost, \$.....  
 PALO ALTO, Santa Clara Co., Calif.  
 Two-story frame and stucco resi-  
 dence (8 rooms), hardwood floors,  
 tile baths, wood shingle roof, oil-  
 fired hot air heating system, etc.  
 Owner—Withheld.  
 Architect—A. C. Williams, 51 Ar-  
 guello Blvd., San Francisco.  
 Low Bidder—Wells P. Goodenough,  
 49 Wells Ave., Palo Alto.

### Low Bidder

RESIDENCE Cost, \$.....  
 SAN FRANCISCO. Belgrade Avenue  
 near Shrader Street.

Two - story frame and stucco residence, composition shingle roof, hardwood floors, tile baths, wood sash.

Owner—A. E. Boyle, c/o architect. Architect—William C. Ambrose, 244 Kearny Street.  
Low Bidder—C. O. Bilanco, 2663 16th Avenue.

Sub Contracts Awarded  
RESIDENCE Cost, \$6,500  
SAN FRANCISCO, E 15th Ave., 217 S Ortega St.

One - story and basement frame and stucco residence.

Owner—Gabriel Adams, 1422 23rd Ave. Architect—C. O. Clausen, 746 46th Ave.

Contractor—C. L. Wold Const. Co., Ltd., 4412 Fulton St., San Francisco.

Lumber—Smith Lumber Co., Fourth and Channel Streets.

Painting—Erling Andersen Co., 231 Franklin St.

Concrete—F. Ferrando & Co., 1106 Bayshore Blvd.  
All of San Francisco.

Contract Awarded  
SCHOOL ADDITION

Cont. Pr. \$33,027  
SACRAMENTO, Calif., 16th and Vallejo Way.

One - story frame and brick veneer addition of six classrooms.

Owner—Sacramento City School District.

Architect—Starke & Flanders, Bank of America Bldg., Sacramento.

Contractor—Otto Steinbrenner, 2146 Perkins St.

July 30, 1937.  
Preliminary Plans Prepared

ADDITION Cost, \$20,000  
One - story frame and stucco addition to Ash View School (four classrooms); shingle roof.

Owner—Ash View School District.

Architect—Frederic L. Swartz, Brix Bldg., Fresno.

Ash View School District voted bonds in the amount of \$20,000, proceeds to finance construction of addition.

Preparing Plans  
AUDITORIUM & CLASSROOM

Cost, \$75,000  
MELANO, Kern Co., Calif.

One - story reinforced concrete auditorium and classroom addition to the Delano Elementary School.

Owner—Delano Elementary School District.

Architect—Charles H. Franklin, 415 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.

LOW BIDDER

COMPTON, Los Angeles Co., Cal.—Crum & Dawson, 421 W. Rosecrans.

Completed low general bid to Compton Union High School District, at \$27,200, for two classrooms to be added to the Compton junior high school and a shop addition at Lynnwood junior high school.

Marsh, Smith & Powell architects, 508 Architects' Bldg., Los Angeles.

Contract Awarded  
ALTERATIONS

Cont. Pr. \$4,882  
BURLINGAME, San Mateo Co., Cal.

Electrical wiring and installation of lighting fixtures in the McKinley and Roosevelt school bldgs.

Owner—Burlingame Elementary Sch. District.

Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.

Contractor—Lynn & Heffernan, 114 Ashton Ave., San Francisco.

BIDS WANTED

HILT, Siskiyou Co., Calif.—Until August 12, 7:30 P. M., bids will be received by Hilt Elementary School

District (Mrs. W. Holmberg, Clerk) for alterations to the Hilt Elementary School building.

Plans and specifications may be obtained at the home of the Clerk and at the office of the County Superintendent of Schools, Robert G. Dennis, Yreka, upon deposit of \$10.

BOND ELECTION PROPOSED

VALLEJO, Solano Co., Calif.—The Vallejo Board of Education is planning to propose a bond election in the near future in the amount of \$381,000, proceeds to finance construction and improvements of school buildings.

BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 6, 2 p. m., bids will be received by the Los Angeles Board of Education for strengthening and reconstructing the main building and auditorium at the Wilton Place school, 745 S Wilton Pl. Theodor R. Jacobs, architect; Donald F. Shugart, structural engineer.

FIRE LOSS

PORTERVILLE, Tulare Co., Cal.—Olat Street School, Porterville, destroyed by fire Thursday. Loss to building and equipment variously estimated at from \$80,000 to \$100,000. Future plans indefinite.

BIDS WANTED

LINGARD, Merced Co., Calif.—Until August 13, 10 A. M., bids will be received by the Pioneer Elementary School District, T. T. Givens, Clerk, for construction of an addition to the present school building located at Lingard.

Plans and specifications may be obtained from the Clerk of the Elementary School Board R. F. D. No. 2, Box 365, Merced, and from the architect at 9 West Cleveland Street Stockton, upon deposit of \$10.

Work Indefinitely Postponed  
SCHOOL

Cost, \$5,000  
LODI, San Joaquin Co., Calif.

Two - story reinforced concrete music building (music room, rehearsal room, and 2 classrooms), asbestos shingle roof, maple floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant.

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Preparing Working Drawings  
SCHOOL ADDITION

Cost, \$30,000  
SALINAS, Monterey Co., Calif.

One - story frame and stucco addition to the Sherwood School (six classrooms).

Owner—Salinas City School District.

Architect—Charles E. Butler, 7 Winham St.

Contract Awarded  
REHABILITATE SCHOOL

Cont. Price, \$15,775.  
BRENTWOOD, Contra Costa County, Calif.

Structural rehabilitation of Brentwood, Deer Valley Grammar School.

Owner—Brentwood School District.

Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Engineer—Norman E. Green, 85 New Montgomery St., San Francisco.

Contractor—George Roek, 830 N. Pacific Ave., Stockton.

Contract awarded under unit providing for rehabilitation of main entrance and auditorium.

Concrete bids follow:

George Roek, Stockton, \$15,775

J. E. Branagh, Piedmont, 16,370

Willis F. Lynn, Oakland, 16,845

A. Nelson, Inc., S. F., 16,746

W. K. Van Bokkelen, Oakland, 16,896

J. C. Meyers, Stockton, 17,091

Central Calif. Constr. Co., Inc., San Francisco, 17,850

Peter Sartorio, S. F., 18,488

BIDS WANTED

SAN FRANCISCO—Until August 4, 1:45 P. M. Informal bids will be received by the Department of Public Works, Room 251, City Hall, for welding two three - sixteenth inch steel rings on inside of boiler heads and furnish two 4-in. by 6-in. handhole plates with guards, bolts and gaskets at High School of Commerce, Van Ness Avenue and Hayes St.

Specifications obtainable from R. A. Chisholm, Superintendent of Buildings, 454 11th Street.

Structural Steel Bids Opened

SHOP UNIT Cost, \$1,000  
MODESTO, Stanislaus Co., Calif.

One - story reinforced concrete and steel frame shop addition to the Modesto Junior College.

Owner—Modesto City School Board of Education.

Architect—John J. Donovan, 950 Parker St., Berkeley.

Low Bidder—Schrader Iron Works, Inc., 1247 Harrison St., \$2,380.

Herick Iron Works, Oakland, at \$2,545, submitted only other bid.

Sub-Contracts Awarded

RESIDENCE Cost, \$32,000  
SAN FRANCISCO, N Jackson Street

100 E of Spruce Street  
Two - story frame and stucco residence.

Owner—Maris Del Welch, c/o architect.

Architect—W. W. Wurster, 260 California Street.

Engineer—A. V. Saph, Rialto Bldg.

Contractor—Frank S. Marshall, 909 Ashbury Street.

Roofing—Alta Roofing Co., 976 Indiana Street.

Plumbing—Wm. Monihan & Co., 1552 Fulton Street.

Electric Wiring—Dowd - Seld, 2118 Mission Street.

Sheet Metal—J. Delucchi, 1526 Powell Street.

Tile Work—American Art Tile Co., 231 Franklin St.

Glass—Cobbledick - Kibba Glass Co., Washington and 3rd Sts., Oakland.

Hardwood Floors—J. Casey, 27-6 Logan St., Oakland.

Iron Grille Work—Kera Iron Works, 517 Sixth Street.

Brick and Stone Work—Wm. Rainey & Son, 223 Clementina St.

Grading—Devenenzi Bros., 150 Collins Street.

Foundations and Concrete—D. O'Connor & Son, 1367 25th Ave.

Lumber—Loop Lumber Co., Central Basin.

Mill Work—Herring & Nutting, 750 Florida Street.

Painting—A. Zelinaky, 911 Polson St.

Lathing and Plastering—MacGrusar & Co., 256 Tehama Street.

To Be Done By Day's Work

RESIDENCE Cost, \$8,000  
OAKLAND, Alameda Co., Cal. 6564-66 Lucas Ave.

One - story frame and stucco duplex residences (11 rooms).

Owner & Builder—Minerva Young, 3021 Denkin St., Berkeley.

Architect—Not Given.

BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until Aug. 11, 7:30 p. m., bids will be received by the Central Union High School District, El Centro, for repairing library and study hall building at Central high school. Existing tile roof will be removed and replaced with composition roofing or asbestos shingles and walls strengthened by use of reinforced concrete and steel.

Plans obtainable from Guy A. Weakley, principal of the school.

**BIDS WANTED**

**FILLMORE, Ventura Co., Calif.**—Until August 16, 7:30 P. M., bids will be received by the Fillmore Union High School District for construction of a one-story reinforced concrete science building and a one-story reinforced concrete junior high school building in Fillmore. Estimated cost, \$350,000. Plans available at the office of the architects, John C. Austin & Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles.

**16—BANKS, STORES AND OFFICES**

**Plans Being Figured**  
**OFFICE BLDG.** Cost, \$20,000  
MODESTO, Stanislaus County, Calif.  
Twelfth Street.

One-story reinforced concrete office building, tile roof.

Owner—T. B. Scott, c/o Architect.  
Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans are now being figured by a selected list of contractors.  
Announcement shortly.

**Sub Contracts Awarded**  
**STORE BLDG.** Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
27 S. 1st St.

One-story concrete, steel and frame store building (131 x 26 ft.).

Owner—F. W. Woolworth Co.  
Plans by Eng. Dept. of Owner.  
Contractor—Bridges Construction Co., 1398 Lincoln Ave., San Jose.

**Roofing**—California Roofing Co., Inc., 72 N. 4th St.

**Plumbing & Sheet Metal**—Wm. F. Serpa, 497 N. 13th St.

**Title**—Thos. H. Price Co., 90 Vine St.  
**Glass**—Cohledick-Kibbe Glass Co., 236 W. Santa Clara St.

**Brick, Stone & Hollow Tile**—Harry F. Rediker, Rt. 1, Box 419-A.

**Lumber**—Glenwood Lumber Co., 96 N. 28th St.

**Mill Work**—S. H. Chase, 547 West Santa Clara St.

**Hardware**—San Jose Hardware, 62 W. San Fernando St.

**Lathing & Plastering**—Joe Provenzano, 85 N. Willard St.  
All of San Jose

**Sub Contracts Awarded**  
**STORE BLDG.** Cont. Pr., \$13,770  
SAN JOSE, Santa Clara Co., Calif.  
The Alameda.

One-story concrete store building.  
Owner—Herbert Jones, c/o Architect.  
Lessee—Safeway Stores, Inc.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

**Plumbing & Sheet Metal**—A. J. Peters & Son, 455 Washington St., San Francisco.

**Roofing**—John-Manville Roofing Materials, 116 New Montgomery St., San Francisco.

**Electric Wiring**—E. T. Russell, 765 Garden Drive.

**Title Work**—Thos. H. Price Co., 90 Vine St.

**Glass**—Cohledick-Kibbe Glass Co., 236 W. Santa Clara St.

**Lumber**—The Chem Lumber Co., 1406 The Alameda.

**Mill Work**—Pacific Mfg. Co., Santa Clara.

**Hardware**—San Jo Hardware, 62 W. San Fernando St.

**Painting**—C. W. Lynds, 1856 Park Ave.

**Lathing & Plastering**—Joe Provenzano, 85 N. Willard St.

**Reinforcing Steel**—Kaiser Steel Co., Inc., 1541 The Alameda.  
All of San Jose unless otherwise noted.

—————

**PLANS BEING FIGURED**

**LOS ANGELES, Calif.**—Architect Stiles O. Clements, 1137 Van Nuys Bldg., is taking bids from a closed,

selected list of contractors for a 5- and part 6-story class A reinf. conc. office building, 60x155 ft., to be built at 1033 S. Hope St., for Pacific Employers' Insurance Co. Half of the ground floor will be used for a garage. The building will have no basement.

**PLANS REVISED**

**LAGUNA BEACH, Los Angeles Co., Calif.**—Architectural Dept. of Capital Co., 643 S. Olive St., Los Angeles, has revised plans and new bids will be taken soon for a bank building, 22x90 ft., to be built at the corner of Coast Blvd. and Forrest Ave., Laguna Beach, for the Bank of America.

**Architect Authorized to Prepare**  
**Plans**

**BANK, ETC.** Est. Cost, \$400,000  
BERKELEY, Alameda Co., Cal. Milvia and Center Streets.

Bank and office building of not less than five stories and new Federal Land Bank and office building of not less than five stories.

Owner—Farm Credit Administration.  
Architect—James W. Placheck, 511 Mercantile Bank Bldg., Berkeley.

**CONTRACT AWARDED**

**SANTA MONICA, Los Angeles Co., Calif.**—G. A. Hogan, 2616 Wilshire Blvd., Santa Monica, awarded general contract for construction of a new bank building on the northeast corner of Fourth St. and Arizona Ave., Santa Monica, for the Santa Monica Commercial & Savings Bank; Aubrey E. Austin, Pres. The bank fixtures and floor covering will be let under separate contracts later. Sidney Clifton and Lester T. Squires, architects, 3907 S. Grand Ave., Los Angeles.

**Sub Contracts Awarded**  
**STORE** Cost, \$70,000  
FRESNO, Fresno Co., Calif. Fulton and Tuolumne Streets.

One-story and mezzanine concrete store building (100 x 150 ft.) (partial basement), composition roof, etc.

Owner—George Harm, 1235 G Street, Fresno.

Architect and Supt. of Construction—Chas. H. Franklin, 416 T. W. Patterson Bldg., Fresno.

Excavating—Stewart & Nuss, Inc., 410 Thorne Ave.

Concrete—M. Madsen, 247 Maple Ave. Insulation—Fresno Insulation Co.

Glass & Glazing—W. P. Fuller & Co., Los Angeles and M Sts.

Wiring—Electric Construction Co., P.O. Box 638.

Plumbing, Heating & Sheet Metal—Barrett-Hicks Co., 1027 Broadway.

Steel Sash—Healey & Popovich, 226 Cory Bldg.

Reinforcing & Structural Steel—Kyle & Co., 346 G St.

Asphalt Tile Flooring—Valley Home Insulation Co., 514 N. Fulton St.  
All of Fresno.

**Sub Contracts Awarded**  
**VETERANS** Cost, \$25,000  
FRESNO, Calif. 1432 H Street.

Alterations to garage, etc.  
Owner—Borden Dairy Delivery, Frem. Architect—Not Given.

Contractor—Trevhitt, Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

Roofing—Valley Lumber, P.O. Box 1341.

Plumbing—Roy W. Peterson, 3143 Balch Ave.

Electric Wiring—Fresno Motor Shop, 401st St., Z. Dowd, 4335 Illinois Ave.

Iron Work—Kyle & Co., 346 G St.

Brick & Stone Work—Paul Kindler, 1646 Hedgcs.

Lumber—Nalsler Bros., P.O. Box 2278

**Hardware**—Fisher Glassford.  
**Concrete**—Joe Silver.  
All of Fresno.

**PREPARING WORKING DRAWINGS**

**LOS ANGELES, Calif.**—Architect Stiles O. Clements, 1135 Van Nuys Bldg., is preparing working drawings for a 4-story and basement class A reinforced concrete department store building (144x144 ft.), to be built on the southwest corner of Wilshire Blvd. and Ridgely Drive, for the Coulter Dry Goods Co. Cost, \$500,000. Competitive bids will be taken upon completion of the plans.

**PLANS BEING FIGURED**

**MONTEROSE, Los Angeles Co., Cal.**—Security-First National Bank of Los Angeles, 561 S. Spring St., Los Angeles, is taking bids for a new bank building (75 x 40 ft.) to be built on the corner of Honolulu Ave. and Ocean View Blvd., Monterey, for J. W. Slater and to be occupied by the bank. Plans prepared by the bank's construction department; Sidney Clifton, architect.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—G. O. Gartz, 124 W. Sixth St., will build a concrete market and locker building (36 x 96 ft.) at 1009 Lynn St. for Wilson & Co. Cost, \$30,000. M. J. Gabrielsen, engineer, 6382 Hollywood Blvd. 16

**PLANS BEING FIGURED**

**LOS ANGELES, Calif.**—Capital Co., 643 Olive St., is taking bids for a steel frame store building to be built on the SE corner of Gardner Avenue and Santa Monica Blvd. for the company; Safeway Stores, lessee.

**Sub Contracts Awarded**  
**ALTERATIONS** Cont. Pr., \$3,517  
SANTA ROSA, Sonoma Co., Calif.

Fourth and Hinton Aves.  
Alterations to four offices in store and office building.

Owner—M. Goldman, Santa Rosa.  
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Karl P. Petersen, Rt. 4, Box 341-A.

Plumbing & Heating—B. Bossa, Rt. 4, Box 339.

Electric Wiring—L. A. Drake, 516 4th Street.

Sheet Metal—Gust Malm, 610 Second St.

Lumber & Mill Work—Mead Clark Lumber Co., 3rd and Railroad Aves.

Painting—Sanl & Benedetti, 918 Washington St.

Lathing, Plastering & Concrete—Marshall Maxwell, 511 Barnett Street.

Hardware—Dixon Hardware & Implement Co., 425 4th St.  
All of Santa Rosa.

—————  
**Contract Awarded**  
**MEDICO-DENTAL BLDG.** Cost, \$9,589

OAKLAND, Alameda Co., Calif. Diamond District.

One-story frame medico-dental bldg. Owner—Wilheld.

Architect—G. E. Ellinger, 1801 Castertine Road, Oakland.

Contractor—Mark Bristol & Co., Inc., 1038 McKinley Ave., Oakland.

**Bids Wanted—To Close August 5**  
**RE-ROOFING** Cost, \$  
SACRAMENTO, Calif., 8th, J and K Streets.

Re-roof Farmers & Mechanics Bank Building.

Owner—Casal Company, 625 Market St., San Francisco.

Plans by Construction Dept. of Owner.

Bids are being received at San Francisco office of owner.

**Contract Awarded**  
**ALTER STORE** Cost, \$6,500  
 SAN FRANCISCO. SW 18th and  
 Mission Streets.  
 Alter store building.  
 Owner—Gerhardt & Strohmaier &  
 Co. 18th and Mission Sts.  
 Contractor—A. M. Hardy, 736 Clem-  
 entina St.

**Contract Awarded**  
**SHOP** Cost, \$6,500  
 SAN FRANCISCO. 270 Fremont St.  
 Owner—Class C shop building.  
 Owner—E. B. Ward, 270 Fremont St.  
 Architect—W. P. Day and H. M. Mil-  
 chelson, Financial Center Bldg.  
 Contractor—Cahill Bros., 206 San-  
 some St

**PLANS BEING FIGURED**  
**HUNTINGTON PARK, Los Ange-  
 les Co., Calif.**—Allied Properties, 437  
 S. Hill St., Los Angeles, is taking bids  
 for a 1-story brick and reinforced  
 concrete store building (57 x 150 ft.)  
 to be built at 6413-19 Pacific Blvd.,  
 Huntington Park, for themselves.  
 Cost, \$50,000. Norstrom & Anderson,  
 architects, 424 Insurance Exchange  
 Bldg., Los Angeles.

**Plans Completed**  
**ALTER STORE** Est. Cost, \$15,000  
 OAKLAND, Alameda Co., Calif.  
 Alterations to store building.  
 Owner—Withheld.  
 Architect—Ben Shapiro, Wainwright  
 Bldg., St. Louis, Mo.  
 Plans will be sent out shortly to a  
 selected list of contractors.

**Preparing Plans**  
**CAFE** Est. Cost, \$9,000  
 SAN RAFAEL, Marin Co., Cal. Near  
 south end of Richardson Bay  
 Bridge.  
 Restaurant, tavern and dance hall  
 (European style).

Owner—Henry Brummer and Rudolph  
 Bush, San Francisco.  
 Mgr. of Const.—Hodgson & Lafrenz,  
 870 Bridgeway Blvd., Sausalito.  
 Plans will be completed and bids  
 asked about August 15.

**17—THEATRES**

**BIDS WANTED**  
**SAN CLEMENTE, Orange Co., Cal.**  
 —Capital Co., 643 S. Olive St., Los  
 Angeles, is taking revised bids for a  
 theater building (60 x 133 ft.), to be  
 built in San Clemente for the com-  
 pany; Pacific States Theatres, Inc.,  
 lessees. Separate bids will be taken  
 on the general work, electric wiring  
 and fixtures, heating and ventilating,  
 decorating, marquee sign box and  
 Neon sign work. C. A. Balch, archi-  
 tect, 1914 S. Vermont Ave., Los  
 Angeles. 17

**CONTRACT AWARDED**  
**SOUTH GATE, Los Angeles Co.,  
 Calif.**—A. V. Perkinson, 3975 S. Ver-  
 mont Ave., Los Angeles, awarded con-  
 tract at \$56,273, for construction of a  
 theater store and market building on  
 Long Beach Blvd., South Gate,  
 for South Gate Theatre Co.; Fox  
 West Coast Theatres, lessees. S. Chas.  
 Lee, architect, 1648 Wilshire  
 Blvd., Los Angeles.

**PLANS BEING FIGURED**  
**SAN CLEMENTE, Orange Co., Cal.**  
 —Capital Company, 643 S. Olive St.,  
 Los Angeles, is taking revised bids  
 for a theater building, 60x133-ft.) to  
 be built in San Clemente for the  
 company, Pacific States Theatres,  
 Inc., lessees. Separate bids will be  
 taken on the general work, electric  
 wiring and fixtures, heating and  
 ventilating, decorating, marquee sign  
 box and Neon sign work. C. A. Balch  
 architect, 1914 S. Vermont Avenue,  
 Los Angeles.

**Contract Awarded**  
**MODEL THEATRE** Cost, \$.....  
 RICHMOND, Contra Costa Co., Calif.  
 501 MacDonald Avenue.  
 Alter Richmond Theatre (remove  
 balcony; new foyer; rest room,  
 lobby, front and marquee).  
 Owner—Fox West Coast Theatres.  
 Architect—A. A. Cantin, 64 Pine St.,  
 San Francisco.  
 Contractor—Alfred J. Hopper, 2769  
 Pleasant Valley Ave., Oakland.

**Preparing Preliminary Plans**  
**THEATRE & STORE BLDG.**  
 Est. Cost, \$75,000  
**EUREKA, Humboldt Co., Calif.** 4th  
 and F Streets.  
 New frame and stucco theatre and  
 store building, crib-laminated  
 Redwood interior partitions, com-  
 position roof, wood floors, steam  
 heating system.  
 Owner—Midwest Investment Co., Los  
 Angeles.  
 Architect—Newton Ackerman, 4th &  
 Commercial Sts., Eureka.

**Preparing Sketches**  
**THEATRE** Est. Cost, \$45,000  
**SAN LUIS OBISPO Co., Cambrian**  
**Planes.**  
 Theatre (seat 1000), auditorium,  
 stores and restaurant.  
 Owner—Withheld.  
 Mgr. of Const.—Cyril Doane, 49 Rico  
 Way, San Francisco.

**REVISING PLANS**  
**RIVERSIDE, Riverside Co., Cal.**—  
 Architect S. Chas. Lee, 1648 Wilshire  
 Blvd., Los Angeles, revising plans for  
 a motion picture theatre, store and  
 office building to be built on the SW  
 corner of Market and 12th Sts., Riv-  
 erside, for Hunt Theaters, Inc., and  
 the Fox West Coast Theatre Corp.  
 The revised plans will provide for a  
 larger structure and new bids will  
 be taken upon their completion.

**PLANS BEING FIGURED**  
**SAN CLEMENTE, Orange Co., Cal.**  
 —Capital Co., 649 S. Olive St., Los  
 Angeles, is taking bids from the fol-  
 lowing general contractors for a the-  
 ater building to be built in San Cle-  
 mente, W. E. Allen, 745 W. 14th St.,  
 Long Beach; Jackson Bros., Le-Sage,  
 547 S. Fairfax, Whyte-McGinnis, 11  
 S. 2nd, Alhambra; Strang Bros., 212  
 Calle Marina, San Clemente; W. M.  
 Sutherland, Laguna Beach; Archi-  
 bald, Singleton, 731 S. Gramercy  
 Pl., Los Angeles; Paul Pierce, 284  
 Orizaba Ave., Long Beach; Wesco  
 Constr. Co., 2000 Hyperion. Class C  
 reinf. concrete construction, wood  
 roof construction, concrete floors,  
 wood sash, seating capacity 750.

**COMPLETING PLANS**  
**SHERMAN OAKS, Los Angeles Co.  
 Cal.**—Architect S. Chas. Lee, 1648  
 Wilshire Blvd., is completing plans  
 for a new reinf. concrete theater  
 building, 100x150 ft. (seating capacity  
 of 900) to be built on the SW corner  
 of Ventura Blvd. and Cedros Ave.,  
 Sherman Oaks, for Fox West Coast  
 Theatres, 1609 W. Washington Blvd.

**18—WHARVES & DOCKS**

**Bids Wanted—To Close Aug. 12,  
 2 P. M.**  
**RE-ROOF PIERS** Cost, \$.....  
**SAN FRANCISCO.** Piers 26, 41 and  
 31.  
 Re-roof Pier 26 (approx. 912 squares)  
 re-roof Pier 41 (approx. 1,382  
 squares); re-roof Pier 31 (ap-  
 prox. 1,580 squares).  
 Owner—State of California (Board of  
 Harbor Commissioners), Ferry  
 Building.  
 Engineer—Frank G. White, Ferry  
 Building.  
 Plans and specifications may be  
 obtained at above office upon deposit  
 of \$10.00.

**19—MISC. CONSTRUCTION**

**BIDS OPENED**  
**MODOC & LASSEN COS., Calif.**—  
 Parker-Schram Co., Couch Bldg.,  
 Portland, Ore., at \$405,382.29 (copper-  
 weld conductors) and \$384,252.34 (alu-  
 minum conductors), submitted low  
 bid to the Chief Engineer, Allan  
 Sickler, Surplus Valley Electricifica-  
 tion Cooperative, Alturas, for the  
 construction of about 350 miles of  
 transmission and distribution lines.

Work involves:  
 (1) copper-weld conductors;  
 (2) aluminum conductors.  
 Total bids follow:  
 Parker-Schram Co., Couch  
 Bldg., Portland,  
 Oregon .....(1) \$405,382.29  
 (2) 384,252.34  
 Fritz Ziebarth, 808  
 Security Bldg., Long  
 Beach, Calif. ....(1) 418,088.50  
 (2) 410,039.00  
 Alta Elec. & Mech. Co.,  
 Inc., 467 O'Farrell  
 St., S. F., Calif. ....(1) 417,504.46  
 (2) 412,739.91  
 Bids under advisement.

**CONTRACT AWARDED**  
**CHELAND, Wash.**—Fritz Ziebarth,  
 Long Beach, California, was awarded  
 contract for the construction of about  
 50 miles, 110,000-volt power line up  
 Lake Chelan to Howe Sound Copper  
 Mine at Railroad Creek. Exact date  
 for starting construction depends  
 upon the Portland Forest Service Of-  
 fice's formal approval, but work will  
 be done this fall to permit mine and  
 proposed mill to be ready to turn  
 out 1000 tons daily by April, 1938, and  
 2000 tons daily in 1939. The power  
 line will be constructed by the Wash-  
 ington Water Power Co., 825 Trent  
 St., Spokane, E. J. Crosby, Advertising  
 and Publicity Manager.  
 Winston Bros., 4580 Colorado St.,  
 Seattle, are on the jobs at the dam,  
 erecting docks, warehouses and other  
 necessary structures. B. E. Kinney,  
 office manager of Howe Sound Co.,  
 Chelan, is directing all operations for  
 the firm. 9

**BIDS WANTED**  
**TORRANCE, Los Angeles Co., Cal.**  
 —Until August 10, 8 p.m., bids will be  
 received by the Torrance City Coun-  
 cil, for pumps and electrical facilities  
 for the City Water Department.  
 Work involves:  
 UNIT A

- (1) Furnish and install line horizon-  
 tal centrif booster pump with  
 one 125-hp General Elec starter  
 of equal, pump to be direct con-  
 nected to a 125-hp horizontal mo-  
 tor, mounted on common C I bed  
 plate, securely fastened to founda-  
 tion.
  - (2) Bidder shall furnish with his bid  
 full details and drawings of the  
 pump showing horizontal motor  
 and approx overall dimensions, cop-  
 ies of curve indicating head capac-  
 ity, break horsepower and efficiency  
 characteristics of the pump quoted;  
 also full details of the constr of the  
 motor. Incl overall dimensions and  
 such cuts and sketches as will fully  
 describe its construction.
  - (3) Furnish and install all necessary  
 pipes, fittings, facilities, and la-  
 bor and erect booster pump to  
 suction and discharge lines of  
 storage and pressure tank, making  
 all necessary changes at  
 booster pump house for such con-  
 nection.
  - (4) Torrance Municipal Water Distr  
 No. 1 shall be guaranteed against  
 defects in workmanship and ma-  
 terial for one year after unit is  
 in operation.
- UNIT B, SUBDIVISIONS 1 AND 2  
 Furnish and deliver to Water De-

partment certain electric materials and equipment including conduit, wire, float switches, and other necessary facilities and supplies to be used in connection with the installation of the booster pump unit as per spec.

Separate bids are desired for Unit A and for Subdivisions 1 and 2 of Unit B. No bid will be considered for a part of Unit A or Subdivision 1 of Unit B.

Plans and specifications may be obtained from the City Clerk, A. H. Bartlett, or the City Engineer, F. R. Leonard.

#### CONTRACT AWARDED

**LAS TUNAS BEACH**, Los Angeles Co., Calif.—Newport Dredging Co., 106 C Street, Wilmington, has been awarded contract by Title Insurance & Trust Co. for remodeling and reconstructing four westerly groins at Las Tunas Beach; estimated cost of \$15,000.

Work involves: removing footage from outer end (approx. 315 ft.); reshaping by reducing height and top line of groins by burning (approx. 210 ft.); placing reinf. conc. jacket over existing groins (approx. 210 ft.); driving piles, placing steel, building forms, etc.

#### BIDS OPENED

**MODOC AND LASSEN COS.**, Calif.—Bids opened yesterday by Chief Engineer Allan Sjekler, of the Surprise Valley Electrification Cooperative, Alturas, for the construction of about 350 miles transmission and distribution line.

Bids were submitted in unit prices only. All were held under advisement, pending completion of tabulated totals.

#### TO ASK BIDS SHORTLY

**PROSSER**, Benton Co., Wash.—General Rural Electric Power Line, Benton County, working plans will be ready for bidders about August 5th, by Engineer R. E. Towne, Perkins Bldg., Tacoma. General contract bids will be taken by the owner, Benton Rural Electric Assn., J. B. Whitehead, Mgr., construction.

Project includes the construction of 40 miles of power line to serve 150 families. Carrying load 6900 volts to be stepped down through 150 transformers to 110 and 120 volts. Power will be purchased from the Pacific Power & Light Co., at station 1 mile north of Prosser.

### 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Water Works Supply Co., 417 S Hill St., Los Angeles, at \$554.47 was awarded contract by Metropolitan Water District Purchasing Agent, Los Angeles, for valves and floor stands for Geese and Intake pumping plants. Bid \$5792.

Complete bids follow:  
Hacker Pipe & Supply Co., \$6778.38; Keenan Pipe & Supply Co., \$7,138.83; Plumbing & Heating Supply Co., \$7179.37; Chapman Valve Mfg. Co., \$7497.56; Ducommun Metals and Supply Co., \$7454.37; Oil Well Supply Co., \$7569.84; Kohler Co., National Sup. Co. of Delaware, Crane Co., \$7677.92; Mell O. Haldeman Corp., Calif. Pipe & Supply Co. and Petroleum Equip. Co., \$7678; Warren & Bailey Co., \$7,735.92; Rich Mfg. Co., \$7927.37.

#### BIDS OPENED

**SACRAMENTO**, Calif.—The following submitted identical bids, at \$1425, to the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-13, for 750 tons of red rock.

Basalt Rock Co., Inc., Napa—No discount.

J. M. Nelson, Cordelia—10 cents per ton, 10th prox.

Blake Bros., San Francisco—ditto. Hutchison Co., Oakland—ditto. Daniel Contracting Co., S. F.—Do.

#### BIDS OPENED

**ALCATRAZ ISLAND**, Cal.—American Laundry Machinery Co., 1600 Bryant St., San Francisco, at \$4049.71 submitted low bid to the Warden, U. S. Penitentiary, Alcatraz, under Invitation No. PI-236, for furnishing and installing motor equipment and safety covers for laundry extractors. California Laundry Equipment Co., 2221 Union St., Oakland, at \$4224 submitted the only other bid.

#### BIDS WANTED

**OAKLAND**, Calif.—Until August 11, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing supplied materials, as follows:  
Proposal 901—540 corporation stops and 1650 curb stops.  
Proposal 899—50,000 lf. 3/4-in. copper water service tubing, 50-ft. coil.  
Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**BONNEVILLE**, Ore.—Until Sept. 2, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-28-38, for Gantry Cranes for Bonneville. Alternate "A", job shipping point; alternate "B", job Bonneville.  
Work involves:

- (1) one 1 1/2-ton Gantry Crane "A", with lifting beam;
  - (2) one 1 1/2-ton Gantry Crane "B" with lifting beam;
  - (3) 3 loading skips.
- Plans and specifications obtainable at the above office.

#### NEW BIDS WANTED

**LOS ANGELES**, Cal.—Until Aug. 6, 3 P. M., bids will be received by the U. S. Engineer, Los Angeles, under Cir. Prop. 12, for coarse aggregate and sand; job 5900 Venice Blvd.

- Work involves:
- (1) 20,000 c.y. coarse aggregate, 1 1/2- to 3/4-in. size;
  - (2) 10,000 c.y. do., 1-in. to No 4 mesh size;
  - (3) 15,000 c.y. sand.

All bids received August 2 were rejected.

#### BIDS WANTED

**BAKERSFIELD**, Kern Co., Cal.—Until August 16, bids are being received by the Purchasing Agent, Post Office Dept., Washington, D. C., under Proposal 509, for 13 venetian blinds, for the U. S. P. O. at Bakersfield.

#### CONTRACT AWARDED

**GOVERNMENT ISLAND**, Calif.—California Corrugated Culvert Co., Fifth and Parker Sts., Berkeley, at \$335 (Item 1) and \$1735.13 (Item 2) job Berkeley, was awarded contract by the Forest Service Supply Depot Supply Office, Government Island, under Bid 5033 for furnishing (1) corrugated metal pipe culvert and (2) couplings.

#### BIDS OPENED

**LOS ANGELES**, Calif.—Bids for (1) 19,950 tons coarse agg and (2) 12,350 tons sand, Cir. Prop. 4, opened by U. S. Engr., Los Angeles, were: Haines Canyon Rock Co.—(1) \$68, (2) \$65; total, \$22,964; disc. \$20 ton, 25th prox.; delivered into govt trucks at contractor's plant at Haines Canyon Road in Tujunga.

Eastade Bldg. Materials Co.—(1) \$120 (2) \$110; total, \$39,520; deliv. at job site; alternate bid, (1) \$80, (2) \$70; total, \$23,370; deliv. into govt. trucks at contractor's plant at

11370 Pendleton Ave., Roscoe; disc. \$10 ton 10 da.

#### BIDS OPENED

**LOS ANGELES**, Calif.—Bids for 225,000 bbls. Portland cement in paper bags were received by U. S. Engineer, Los Angeles; Cir. Prop. 3, as follows:

Riverside Cement Co. (furnishing 27 1/2%), Calif. Portland Cement Co. (furnishing 37 1/2%), and Southwestern Portland Cement Co. (furnishing 95%); bidding jointly, \$1.98 bbl.; total, \$445,500.

Monolith Portland Cement Co., bidding on 56,250 bbls. only, \$1.98 bbl.; total, \$111,375.

#### BIDS OPENED

**LOS ANGELES**, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, for 13,151,000 lbs. steel reinf. bars delivered job railroad cars at vendor's plant and/or job cars at San Gabriel, West Glendale, Dominguez Junction, and Hauer siding:  
Sout Steel Co., \$354,569.11; disc. 1/2 of 1% 20 days; deliv. to job.  
Ceco Steel Products Corp., \$377,605.10; discount 1/2 of 1% 10 days; job plant, 1450 Mirasol St., Los Angeles.

Los Angeles Iron & Steel Co. bidding on 25% of estimated requirements only at \$82,680.31 (if extended to est. requirement total, \$30,721.24); disc. 1/2 of 1% of job plant Emeryville.

Blue Diamond Corp., \$378,844.36; disc. 1/2 of 1% 10 days; deliv. to job. Sheffield Steel Corp., Kansas City Mo., \$277,657.50; disc. 1/2 of 1% 20 days; job plant Kansas City.

Republic Steel Corp., Cleveland, \$371,138.70; disc. 1/2 of 1% 10 days; job plant Buffalo, N. Y.  
Trucon Steel Co., \$369,619.20 deliv. to job site; disc. 1/2 of 1% 20 days; freight allowance 9c San Gabriel; 3.75c West Glendale; 3c Dominguez Junction, 6c Hauer siding.

#### BIDS OPENED

**LOS ANGELES**, Cal.—Consolidated Rock Products Co., 2730 S Alameda St., Veneer, at \$73,800 submitted low bid to the U. S. Engineer, Los Angeles, for 30,000 c.y. coarse aggregate and 15,000 c.y. sand delivered into government batching plant or stockpiles at 5900 Venice Blvd.; Cir. Prop. No. 5.

- Work involves:
- (1) 20,000 c.y. coarse agg., 1 1/2- to 3/4-in. size;
  - (2) 10,000 c.y. do., 1-in. to No. 4 mesh size;
  - (3) 15,000 c.y. sand.

Total bids follow:  
Consolidated Rock Pro. Co., (1), (2) and (3) \$164; total, \$73,800; disc. \$10 yard 25th prox.

Arrow Rock Co., City Rock Co. and Blue Diamond Corp. (bidding jointly) (1), (2) and (3) \$166; total, \$82,500; disc. \$20 yard 25th prox.

Azusa Rock & Sand Co., (1) (2) and (3) \$184; total, \$82,800; net.

Graham Bros., (1) and (2) \$1929; (3) \$1669; total, \$82,905; disc. \$20 yard 25th prox.

Pacific Rock & Gravel Co., (1) (2) and (3) \$185; total, \$83,250; disc. 9% 20 days.

Owl Truck & Mts. Co., (1) and (2) \$214; (3) \$141; total, \$92,400; disc. \$10 yard 25th prox.

#### BIDS REJECTED

**BERKELEY**, Alameda Co., Calif.—Berkeley City Council, City Clerk, Berkeley, rejected all bids for furnishing 2500 ft. fire hose. Material will be bought in the open market.

#### BIDS OPENED

**SACRAMENTO**, Calif.—Sheldon Oil Company, Suisun, at \$425.50, submitted low bid to the Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-14, for 7400

gals. of road oil: f.o.b. Rio Vista.

Total bids follow:

	Unit Price	Total
(A) Sheldon Oil Co., Suisun	\$0.0575	\$425.50
(B) Basalt Rock Co., Inc., Napa	.06	444.50
(C) Tieslau Bros., Berkeley	.066	488.40
(D) J. P. Breen, Sacramento	.07	518.00

**MATERIAL BIDS WANTED**

ROSEDALE, Kern Co., Calif.—Until Aug. 17, 8 p.m., bids will be received by the Rosedale Union School District, Kern County, for furnishing the following materials for the construction of a school building for the Rosedale school: 600 sacks portland cement; 300 sacks hardwall plaster; 2000 lbs. nails; 1 lot paint; 1 lot hardware, 800 lbs. malleable washers; 1200 machine bolts, 1/2"-1 1/4"; 1 lot steel sash; 1 lot millwork; 1 lot sheet metal work; 1 lot plumbing materials; 1 lot structural steel; 1 lot blackboards; 1 lot rfg. felt; 1 lot stric. lbr.; 1 lot metal trim. Specifications and lists may be obtained at the office of Architect and Engineer Perrine & Mackie, 906 Western Pacific Bldg., Los Angeles.

**BIDS OPENED**

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 1105-38-17, for furnishing 176,000 FBM lumber for mattress revetment construction, 1x4-inch; fob bidder's shipping point:

Humphrey Lumber Co., Oakland, at \$3675.40 fob Eugene, Ore., and \$3810.40 fob Central Point, Grants

Pass, Medford and Tallant, Ore.; 2% 10 days; 1 1/2% 20 days and 1% 30 days.

Buschow Lumber Co., Kansas City at \$4048, fob Marshfield, Oregon; 2% 10 days; 1% 20 days.

James L. Hall, San Francisco, at \$4312, fob Malilla or McNinville, Ore., 2% 20 days.

Cascade Cargo Sales Corp., Seattle, at \$5632, fob Emumclaw and Bucoda or Tacoma and Seattle; 2% 10 days.

Thompson Lumber Co., Portland, at \$4,004, fob Portland and Eugene or Cottage Grove; 1% 10 days.

Union Lumber Co., San Francisco, at \$4910.40, fob Fort Bragg; 2% 10 days.

W. T. Ferguson Lumber Co., St. Louis, at \$4137, fob McNinville and Swiss Home, Oregon, and Chehalis and Shelton, Wash.; 2% 10 days.

**BIDS OPENED**

LOS ANGELES, Calif.—Johnson-March Corp., 7012 Stanford Ave., Los Angeles, at \$3450 submitted low bid to U. S. Engineer, Los Angeles, for 23,000 gals. concrete sealing solution, Circ. Prop. No. 10.

Total bids follow: Johnson - March Corp., 7012 Stanford Ave., Los Angeles, \$3450.

Hunt Process Co., \$3611. Pioneer Div., Flintkote Co., \$3833.33, 2% 10th prox.

Non-Corrosive Prod. Co., 15,000 gals. fob Los Angeles, \$165 gal.; 8000 gals. fob San Gabriel, \$3535; disc. 2% 10 spec.

Willard Warno Co., \$3864; discount 1% 10 days.

Barrett Co., fob docks Los Angeles \$6052.68; fob warehouse, Los Angeles \$6742.68.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Asphalt Pav-

ing Materials Co., 3430 Moynier Lane, at \$4,546 was awarded contract by U. S. Engineer, Los Angeles, for furnishing asph. conc. base and wearing surface, Circ. Prop. 1.

**BIDS OPENED**

LOS ANGELES, Cal.—The following submitted bids to the Los Angeles County Purchasing Agency, for furnishing premix.

Work involves:

- (1) 3600 tons vicinity of Lawndale;
- (2) 1300 tons Century Blvd. at Hawthorne Blvd.;
- (3) 1100 tons Sepulveda Blvd., Main St. to Normandie;
- (4) 660 tons Vermont Ave. at Nigger Slough;
- (5) 650 tons Broadway and 126th St.;
- (6) 240 tons Wardlo wRd. and Cherry Ave.;
- (7) 3000 tons Carson St. E of Cherry Ave.;
- (8) 3600 tons 9th St. and McDonnell Ave., Belvedere;
- (9) 50 tons Duarte Ave. and Date St. Duarte;
- (10) 50 tons Sierra Madra Ave. and Lorraine Ave., Glendora.

Quot. 4584. The bids were (all including state sales tax):

- Oswald Bros.: (1) \$3 (2) \$3.20 (3) \$3.10 (4) \$3.20 (5) \$3.06 (6) \$3.12 (7) \$3.22 (8) \$3 (9) \$4.50 (10) \$4.50.
- Griffith Co.: (1) \$3.12 (2) \$3.25 (3) \$3.13 (4) \$3.28 (5) \$3.12 (6) \$3.18 (7) \$3.22 (8) \$2.87.
- Asph. Pav. Matha Co.: (1) \$3.15 (2) \$3.25 (3) \$3.25 (4) \$3.35 (5) \$3.15 (6) \$3.10 (7) \$3.10 (8) \$3.05 (9) \$3.25 (10) \$3.25.
- W. E. Hall Co.: (1) \$3.30 (2) \$3.33 (3) \$3.30 (4) \$3.35 (5) \$3.30 (6) \$3.30 (7) \$3.33 (8) \$3 (9) \$3.50 (10) \$3.50.
- Stully-Miller Contr. Co.: (1) \$3.25 (2) \$3.35 (3) \$3.20 (4) \$3.30 (5) \$3.30 (6) \$2.85 (7) \$2.95 (8) \$3.35.

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Fire Alarm Sys.	35.—Tunnels
27.—Fica Equipment	
28.—Streets & Highways	

## 21—BRIDGES

### BIDS WANTED

**LOS ANGELES, Cal.**—Until Aug. 17, 2 P. M., bids will be received by the Los Angeles county supervisors 501 Hall of Records, for the construction of a steel bridge on Rush Avenue over Alhambra Wash. The proposed structure will be a one 81-ft. span through plate girder bridge with a 24-ft. concrete deck. Plans and specifications may be obtained from the Road Dept., 11th floor, Hall of Records, Gen. W. Jenkins, County Road Commissioner; W. D. Armstrong, County Bridge Engineer, M. B. Beatty, 501 Hall of Records, Clerk of the Board.

### CONTRACT AWARDED

**SHASTA COUNTY, Calif.**—C. J. Montag, Fuldand, 1911222 was awarded contract by U. S. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for constructing the Lake Britton Bridge on Section J, Rte 77, thru Mt. Shasta-Mt. Lassen National Forest, Highway, Shasta National Forest Shasta County.

### LOW BIDDERS

**SHASTA COUNTY, Calif.**—M. A. Jenkins, 3560 Y St., Sacramento, at \$4,192.20 submitted the low bid to E. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for the construction of a bridge at Salt Creek, 13 miles east of Redding. The existing timber trusses are to be removed and replaced by steel plate girders.

M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$4,899 submitted the second low bid. Complete bids will be published shortly.

### CONTRACT AWARDED

**LOS ANGELES CO., Calif.**—Dimmitt & Taylor, 818 E. 59th St., Los Angeles, at \$18,647.70, was awarded contract by the State Division of Highways C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete slab bridge across Eaton Wash, near Francisco, of San Gabriel, consisting of one 58-ft. 2.5-in. slab span on concrete abutments with timber wing walls, and grading and surfacing approaches with plant-mixed surfacing.

### RIDS WANTED

**TULARE CO., Calif.**—Until August 17, 2 p.m., bids will be received by the Board of Supervisors, Gladys Stewart, Clerk, Court House, Visalia, for the construction of four 17-foot spans, reinforced concrete bridges over branches of the Tule River, being between  $\frac{1}{4}$  and one and  $\frac{1}{2}$  mi.

north of Woodville, Tulare Co.

- Work involves:
- (1) 480 c.y. of Class A portland cement concrete;
  - (2) 34 c.y. of Class F portland cement concrete;
  - (3) Removing of three wooden bridges;
  - (4) Removing of a two-pipe culvert.
- Plans and specifications may be obtained at the office of the County Surveyor, Court House, Visalia.

### BIDS OPENED

**HUMBOLDT CO., Calif.**—Green & Clifton, General Delivery, Fortuna, at \$2343, submitted the only bid to the Board of Supervisors of Humboldt County, Fred M. Kay, Clerk, Court House, Eureka, for painting two bridges on the Mattole River in Road District No. 1, Humboldt Co.

### CONTRACT AWARDED

**HUMBOLDT CO., Calif.**—Henry Padgett, Fields Landing, Calif., at \$2774, was awarded contract by the Board of Supervisors, Fred M. Kay, Clerk, Humboldt County, for the disassembling of the steel bridge across Cook's Gulch near Petrolia and transporting and reconstructing it across Bear Creek, near Etnersburg, Humboldt Co.

Total bids follow:

Henry Padgett, Fields Landing \$2774	
A. Anderson, Rio Dell.....	3450
D. Smith, Eureka.....	3545
W. S. Selvaige, Eureka.....	3693

### CONTRACT AWARDED

**HUMBOLDT CO., Calif.**—Henry Padgett, Fields Landing, California, at \$6,540, was awarded contract by the Board of Supervisors of Humboldt County, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a new bridge across Dobbyn Creek in Road District 2, Humboldt County.

Total bids follow:

Henry Padgett, Fields Landing \$6,540	
A. Anderson, Rio Dell.....	6,665
D. Smith, Eureka.....	9,988

### BIDS OPEPNED

**KENNETT DAM, Calif.**—American Bridge Co., Denver, at \$2700, submitted low bid to the Bureau of Reclamation in Denver, f.o.b. Gary, for materials for a steel warehouse for the government camp at Kennett Dam. Central Valley Project, Calif. Other bids were: Pittsburg-Des Moines Steel Co., 2894, f.o.b. Des Moines; Palm Iron & Bridge Works, \$2948.48, f.o.b. Redding; Pennsylvania Iron & Steel Co., \$2955, f.o.b. L. A.; Schrader Iron Works, \$2990, f.o.b. San Francisco; California Steel Products Co., \$3148, f.o.b. San Francisco; Independent Iron Works, \$3155, f.o.b.

Redding; Judson Pacific Co., \$3425, f.o.b. San Francisco; Wisconsin Bridge & Iron Works, \$3438, f.o.b. Milwaukee; Milwaukee Bridge Co., \$3448, f.o.b. Milwaukee; H. T. Gettings, \$3974, f.o.b. Redding.

### BIDS WANTED

**MONTREY CO., Calif.**—Until August 25, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Office Bldg., Sacramento, for constructing a reinforced concrete girder bridge across Sallinas River at Soledad consisting of 13 104-ft. spans and two 89-ft. spans on concrete piers and abutments on pile foundations.

Work involves:

- (1) 1 lot clearing;
  - (2) 6,650 c.y. struc. excav.;
  - (3) 1,600,000 lbs. bar reinf. steel;
  - (4) 1,575 c.y. class A portland cement concr. foot blocks;
  - (5) 1,260 c.y. class A portland cement concr. piers;
  - (6) 4,630 c.y. class A portland cement concr. superstructure and abutments;
  - (7) 163 c.y. class A portland cement concrete railing;
  - (8) 1,600 lbs. of tie steel;
  - (9) 4,780 lbs. cast steel;
  - (10) 3,320 lf. treated Douglas fir piles, including test piles, furn.;
  - (11) 39,220 lf. untreated Douglas fir piles, including test piles, furn.;
  - (12) 850 each, Douglas fir piles, including test piles, driving;
  - (13) 2 each, clearance markers;
  - (14) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

### CORRECTION—BIDS WANTED

**SAN BERNARDINO CO., Calif.**—Until August 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete slab bridge across Cable Creek, 7 miles north of San Bernardino, consisting of two 21-ft. spans and one 24-ft. span on concrete bents and about 2 mi. of roadway approaches to be graded and surfaced with plant-mixed surfacing medium curing type.

Work involves:

- (1) 1 lot portions existing concrete dip and rock riprap to be removed and disposed of;
  - (2) 75 cu. yd. gab. water;
  - (3) 2,650 c.y. rdwy. excav., unclass.;
  - (4) 550 c.y. struc. excav.;
  - (5) 12 sta. finishing roadway;
  - (6) 250 tons of mineral aggregate plant-mix surf.;
  - (7) 13 tons liq. asphalt, MC-4, plant-mix surf.;
  - (8) 20 tons do, SC-4, road-mix surf. treatment;
  - (9) 3,000 sq. yds. preparing, mixing, and shaping shoulders and detour;
  - (10) 2 tons liquid asphalt, MC-3 seal coat;
  - (11) 17 tons stone screenings, do;
  - (12) 400 sq. yd. asphalt paint binder;
  - (13) 200 c.y. salvaged detour surf.;
  - (14) 38,000 lbs. bar reinf. steel;
  - (15) 300 c.y. Class A portland cement concrete;
  - (16) 184 lf. timber railing;
  - (17) 25 cu. yd. m. cements, in place;
  - (18) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

### COMPLETE BIDS

**SHASTA COUNTY, Calif.**—M. A. Jenkins, 3560 Y St., Sacramento, at

## Capital City Title Company

•

### JAMES E. BANCROFT

Manager

•

801 J Street  
Sacramento : California



\$4,192.20 submitted the low bid to F. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for the construction of a bridge at Salt Creek, 13 miles east of Redding. The existing timber trusses are to be removed and replaced by steel plate girders.

- Work involves:
- (1) Lump sum, 1 lot timber trusses to be removed and disposed of;
  - (2) 220 lbs. structural steel in place;
  - (3) 636 lbs. cast steel in place;
  - (4) 0.5 MFBM redwood timber, dense select, all-heart structural grade, in place.

Total bids follow:

(A) M. A. Jenkins, 3560 Y Street, Sacramento, \$4,192.20.

(B) M. B. McGowan, Inc., San Francisco, \$4,999.00.

(C) J. P. Brennan, Redding, \$5,465.10.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A) .....	\$800.00	\$10	\$20	\$130.00
(B) .....	620.00	13	25	120.00
(C) .....	380.00	15	35	125.00

**BIDS OPENED**

MONTERYE COUNTY, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at \$31,824.40 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for a steel and concrete bridge across Mud Creek, 25 miles north of San Simeon, consisting of one 80-ft. plate girder span and two 41-ft. steel beam spans.

- Work involves:
- (1) 900 c.y. rdwy. excav., unclass.;
  - (2) 1,000 c.y. struc. excav.;
  - (3) 44,000 lbs. bar reinf. steel;
  - (4) 330 c.y. Class A portland cement concrete;
  - (5) 133,000 lbs. struc. steel;
  - (6) 400 lbs. cast steel;
  - (7) 372 lf. timber railing;
  - (8) 202 lf. furnishing steel piles, including test piles;
  - (9) 8 each, driving do;
  - (10) 1 lot misc. items of work.

Total bids follow:

(A) E. T. Lesure, 87 Ross Circle, Oakland, \$31,824.40.

(B) A. Soda & Son, Oakland, \$33,321.40.

Unit prices follow:

	(A)	(B)
(1) .....	\$ 75	\$ 1.25
(2) .....	3.50	4.50
(3) .....	.075	.0675
(4) .....	32.00	27.50
(5) .....	.08	.095
(6) .....	.35	.30
(7) .....	2.50	2.20
(8) .....	2.20	2.00
(9) .....	120.00	200.00
(10) .....	900.00	449.00

**CONTRACT AWARDED**

ELKO CO., Calif.—Silver State Construction Co., Inc., Fallon, Nevada, at \$54,922.75, was awarded contract by Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, Nevada, for construction of steel and concrete steel overpass and approaches on the State Highway in Elko County; Route 1, Sections D-1 and E-2.

- Work involves:
- (1) 60 lf. remove culvert pipe;
  - (2) 1 each remove culvert headwalls;
  - (3) lump sum, remove timber overpass;
  - (4) 54,177 c.y. rdwy. excav.;
  - (5) 11,091 c.y. borrow;
  - (6) 13 c.y. drainage excavation;
  - (7) 46 sta. slope rounding;
  - (8) 128,571 yd. sta. overhaul (yard-station);
  - (9) 9,431 yd. mile overhaul (yd.-mi.);
  - (10) 241 c.y. struc. excav.;
  - (11) 363 c.y. backfill;
  - (12) 1.57 mile subgrade, Type B;
  - (13) 3,177 tons gravel surface;
  - (14) 4,985 tons gravel base, type two, .15-1 in.;
  - (15) 935 M. gals. water;
  - (16) 135 tons liq. asph., type SC-2;

- (17) 10 tons do, type MC-2;
- (18) 1.27 miles roadmix;
- (19) 72 c.y. Class A concrete;
- (20) 10 c.y. Class B concrete;
- (21) 193 c.y. Class D concrete;
- (22) 2,690 lbs. bar reinf. steel;
- (23) 27,000 lbs. struc. steel;
- (24) 1,900 lbs. castings;
- (25) 132 lf. 12-in. corr. metal pipe dipped;

- (26) 20 lf. 18-in. do;
- (27) 230 lf. 24-in. do;
- (28) 20 lf. relay culvert pipe;
- (29) 24 each monuments;
- (30) 6 each culvert markers;
- (31) 2,972 lf. special guard rail;
- (32) force account, roadside cleanup;
- (33) 12,947 sq. yd. remove and stock-pile roadmix bitm. surf.;
- (34) 75 hours motor grader;
- (35) 50 hours 1 1/2-ton truck;
- (36) force account, special detour;
- (37) 1,349 c.y. salvaged aggregate;
- (38) 395 lf. steel bearing piles;
- (39) 16 each drive steel piles;
- (40) 245 lf. concrete railing;
- (41) 2,972 lf. timber curb;
- (42) force account, pile bearing tests.

Total bids follow:

Silver State Constr. Co., Inc., Fallon, Nevada, \$54,922.75

Utah Constr. Co., Ogden, \$58,402.11

Nevada Rock & Sand Co., Inc., Reno, \$59,075.07

**22—DREDGING HARBOR WORKS, EXCAVATION**

**BIDS WANTED**

BERKELEY, Alameda Co., Calif.—Until August 10th, 10 a. m., bids will be received by the Berkeley City Engineer, City Clerk, City Hall, for driving 50 green and 12 crosstoted piles at Yacht Harbor.

Plans and specifications may be obtained at the Office of the City Engineer, City Hall, Berkeley.

**LOW BIDDER**

SAN FRANCISCO.—Frank Lake, 1761 N. Indiana St., Los Angeles, at \$600 submitted low bid to the Light-house Service, Custom House, San Francisco, for pile driving in Redwood Slough.

**BID CALL CANCELLED**

NEW ERA BAR, Clackamas Co., Ore.—The U. S. Engineer's Office, 306 Custom House, Portland, Oregon, has cancelled the bid call for dredging about 46,000 c.y. material from the channel at New Era Bar located about 32 miles above the mouth of the Willamette River.

Bids were called for August 3, 3:00 P. M.

**BIDS WANTED**

SAN FRANCISCO.—Until August 13 p. m., bids will be received by the U. S. Engineer Office, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-10, for removing an unnamed derelict anchored in San Francisco Bay at a point about 3,000 feet northerly from the entrance to the old solid fill of the Key System Pier.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

MARE ISLAND, Calif.—Until August 11, 11 a. m., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8258, for the construction of a concrete drydock on wood piles, including quay walls at the entrance to dock, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, drain, piping, railings, wood floor and dock girders. The work includes a cofferdam, earthwork, removal of existing work and protection of adjacent structures. Estimated cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 ft. wide and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

- Work involves:
- (1) For entire job;
  - (2) For all work covered by Alternate "A".

ALTERNATE "A": All work on dock proper, omitting structures and portions of structures outside of lines of dock proper. Omit construction of capstan and bollard foundations; crane track foundations; manholes and duct lines outside lines of dock proper, including manholes and duct lines within quay walls; all track material except the anchor bolts on dock proper; backfill above elevation of 104; and fill on the quay walls above elevation of 104.5; and grading behind dock and quay walls.

Plans and specifications may be obtained from the above office and also at Mare Island.

August 2, 1937

**CONTRACT AWARDED**

MARION COUNTY, Ore.—Pacific Building Materials Co., 400 N. Thompson St., Portland, at \$10,010 awarded contract by the U. S. Engineer, 306 Custom House, Portland, for dredging at West Salem and Traglio bars in Willamette River; 38,500 c.y. material to be dredged to restore channel to project width and a depth of 3 1/2 feet at low water at two bars by removal and disposal of all material from area approximately 2300 ft. long and 100 ft. wide, with average cut of 15 ft. deep at West Salem bar and 2450 ft. long and 100 ft. wide with average cut of 15 ft. deep at Traglio bar.

**BIDS WANTED**

OAKLAND, Calif.—Until August 9, 4:30 p. m., bids will be received by the City of Oakland Port Commission, Oakland, for 15,000 c.y. dredging 7th Street Unit, Outer Harbor Terminal.

Plans and specifications may be obtained from the above office.

**23—CANALS**

**ELECTION DATE SET**

OPEN TO VOTERS of the proposed Shafter-Wasco Irrigation District will hold election Sept. 3 to determine whether the district shall be formed and to select officers in the event the proposal is approved.

**CONTRACT AWARDED**

SUN RIVER PROJECT, Montana.—Otis Williams & Co., Vale, Oregon, at \$65,773.80 awarded contract by the Bureau of Reclamation, John C. Page Commissioner, Fairfield, Mont., under Spec. No. 741, for construction of earthwork and structures. Structures: Slope laterals 103 to 131; Spring Valley laterals 1 to 75, and sub laterals, Sun River Slope Division, Sun River Project, Mont.

**24—STREET LIGHTING**

**BIDS WANTED**

SAN DIEGO, Cal.—Until Aug. 12, 11 A. M., bids will be received by the San Diego City Purchasing Agent, F. M. Lockwood, 324 F. St., San Diego, for furnishing 70 lighting standards for installation and erection on Blvd. Bids will be taken on both concrete (Plan 5480-L) and metal posts (Plan No. 5481-L). Copies of specifications, bidding data, etc., may be obtained from the office of the purchasing agent. The system is to be installed under the supervision of City Engi-

near H. W. Jorgensen. Note: Time of opening bids was changed from July 28, as readvertising was necessary due to failure of original advertisement to state the number of posts. 24

## 25—MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

OAKLAND, Calif.—Forman Motor Co., 3020 Broadway St., Oakland, at \$1,770.50, was awarded contract by the Oakland Port Commission, for one 7-passenger automobile.

### CONTRACT AWARDED

BERKLEY, Alameda Co., Calif.—Val Strough, Inc., 3330 Broadway St., Oakland, at \$2,789.24, was awarded contract by the Berkeley City Council, City Clerk, City Hall, for two 6-cylinder dump trucks.

Total bids follow:  
Val Strough, Inc., 3330 Broadway St., Oakland.....\$2,789.24  
Cochran & Celli.....2,820.38  
General Motors Truck Co.....2,873.74  
J. E. French, Ltd.....2,851.01  
Burns Chevrolet Co.....2,921.08  
Fidelity Motors.....2,923.78  
International Harvester.....3,280.08  
W. C. Morse.....3,700.00

### BIDS WANTED

BONNEVILLE, Ore.—Until August 17, 3 p. m., bids will be received by U. S. Engineer's Office, District Engineer, Bonneville, Oregon, for 115 kw. "A" transformers. Alternate "A," f.o.b. shipping point. Alternate "B," f.o.b. Bonneville, Ore.

Plans and specifications may be obtained from the above office.

### BIDS WANTED

SAN FRANCISCO.—Until Aug. 9, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 260 City Hall, under Spec. 1874, for one combination tractor with dump body and lawn mower, for the Recreation Department.

Plans and specifications may be obtained from the above office.

### CONTRACTS AWARDED

SACRAMENTO.—Golden State Miners Iron Works, 249 First St., San Francisco, at \$133.86 (Item 1), \$184.64, \$184.64 (Item 3), and \$172.78 (Item 4); and the Neptune Machine Works, 221 Tehama Street, at \$96.00 (Item 2), were awarded contracts by the U. S. Engineer's Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Prop. No. 1105-38-10, for furnishing (1) one cutter engine intermediate shaft; (2) one bonnet for suction gate valve; (3) one set flexible couplings; (4) 2 boxes for intermediate shaft; f.o.b. Rio Vista.

Complete bids follow:  
(A) Golden State Miners Iron Wks., 249 First St., San Francisco—(1) \$133.86, (2) \$129.95, (3) \$184.64, (4) \$172.78

(B) Neptune Machine Works, 221 Tehama St., San Francisco—(1) \$157, (2) \$96, (3) \$260, (4) \$206.

(C) Pacific Coast Engineering Co., Inc., Oakland—(1) \$195, (2) \$158, (3) \$264, (4) \$264.

(D) Moore Drydock Co., Oakland—(1) \$238, (2) \$126, (3) \$288, (4) \$247.

### BIDS WANTED

BONNEVILLE, Oregon.—Until August 18, 3 p. m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under bid No. 691-38-27, for 10 traveling water screens with all operating mechanisms and necessary appurtenances, ready for complete installation at the Bonneville Project. Alternate

"A," f.o.b. shipping point and Alternate "B" 5 screens f.o.b. North Bonneville, Washington, and five screens f.o.b. Bonneville.

Plans and specifications may be obtained from the above office.

### CONTRACT AWARDED

LONG BEACH, Cal.—Truscon Steel Co., 5480 E. Slauson Ave., Los Angeles, at \$51,973.92 was awarded the contract by the Long Beach city council (after deducting discount of 1/2 of 1% 10th prox and sales tax) for furnishing reinf. steel and wire under Spec. R-972.

### BIDS OPENED

SAN MATEO CO., Calif.—G. W. Thomas Drayage & Rigging Co., Inc., 586 Howard St., San Francisco, at \$22.22 per hour, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one pneumatic-tired flat body truck, capacity not less than three tons, equipped with power loading winch on front end of body in good mechanical condition.

Total bids follow:  
G. W. Thomas Drayage & Rigging Co., Inc., 586 Howard St., San Francisco—\$22.22 per hour.

Eaton & Smith, San Francisco—\$23.35 per hour.

Sam E. Bonsangue, Los Angeles—\$25.50 per hour.

A. E. Garcia, Jr., Irvington—\$3.00 per hour.

John McCarthy & Son, San Francisco—\$3.25 per hour.

Chas. W. Beguhl, Millbrae—\$3.45 per hour.

Portola Trucking Service—\$3.47 per hour.

Geo. Grifall, Mountain View—\$3.50 per hour.

L. C. Smith, San Mateo—\$3.50 per hour.

### BIDS WANTED

BONNEVILLE, Ore.—Until Aug. 27, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, for the installation of a recording annunciator system in the Bonneville power house, Bonneville, Ore.

Plans and specifications may be obtained from the above office.

## 29—STREETS AND HIGHWAYS

### BIDS WANTED

TEHAMA COUNTY, Calif.—Until August 17, 2 P. M., bids will be received by F. W. Haselwood, District Engineer, State Division of Highways, Redding, for applying seal coat to 8.9 miles between the south boundary and Corning.

Plans and specifications may be obtained from the above office.

### BIDS OPENED

PITTSBURG, Contra Costa Co., Calif.—Louise J. Immel, 1031 Evelyn St., Berkeley, at \$8,465.40, submitted the low bid to the City Clerk, Frank R. Taormina, City Hall, Pittsburg, for the improvement of East Tenth St., from Solari Street to Harbor St. Work involves the construction of drainage sewers, curbs, sidewalk repairs and the removal of old pavement.

Total bids follow:  
Lee J. Immel, 1031 Evelyn St., Berkeley.....\$8,465.40  
Ransome Co., Emeryville.....8,806.20  
Pacific States Constr. Co., San Francisco.....8,860.20

### CONTRACT AWARDED

HUMBOLDT CO., Calif.—Hemstreet & Bell, 501 11th St., Marysville, at \$59,920, was awarded contract by the

State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing medium curing type, shoulder to be constructed of untreated, crushed gravel or stone, and Class B seal coat to be applied to the full width of the roadbed, about 5.2 miles between Beatrice overhead and Eureka.

### CONTRACT AWARDED

YOLO, COLUSA, YUBA, PLACER, NEVADA AND EL DORADO COS., Calif.—Heafey-Moore Co., 344 High St., Oakland, and E. F. Hilliard, 1355 43rd St., Sacramento, at \$28,221.50, were awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 43.2 ml. seal coat to be applied to roadbed at various locations in District 111.

### BIDS WANTED

PITTSBURG, Contra Costa Co., Calif.—Until August 2, 8 p. m., bids will be received by the City Clerk, Frank R. Taormina, City Hall, Pittsburg, for the improvement of East 10th St., from Solari Street to Harbor St. Work involves the construction of drainage sewers, curbs, sidewalk repairs and the removal of old pavement.

Plans and specifications may be obtained from the office of the City Manager or the City Engineer, City Hall, Pittsburg.

### BIDS OPENED

SAN DIEGO, Cal.—Sim J. Harris, 3375 Dale Street, San Diego, at \$497.85, submitted low bid to and was recommended for award by E. L. Marshall, Commander, 11th Naval District, foot of Broadway, San Diego, under Spec. 8499, for resurfacing station entrance road at the U. S. Naval Radio Direction Finder Station, Imperial Beach, San Diego.

Total bids follow:  
Sim J. Harris, 3375 Dale Street, San Diego.....\$497.85  
Walter H. Barber.....565.00  
Lewars & Schneider.....565.00  
Harry L. Foster.....723.50  
V. R. Dennis Const. Co.....759.00

### CONTRACT AWARDED

SACRAMENTO, Calif.—A. Telchert & Son, Inc., P.O. Box 1113, Sacramento, at \$268,100, was awarded contract by Maj. Arthur W. Parker, Constructing Quartermaster, Sacramento, under Spec. No. 365-E, for the construction and completion of paving and storm drainage at the Sacramento Air Depot, Sacramento.

### BID CALL CANCELLED

STATE OF WASHINGTON.—L. V. Murrow, Director of Highways, State Highway Dept., Olympia, has cancelled bid call for highway construction, as follows:

King County: Construct light bituminous surface treatment and bituminous surface treatment, road-mix type, cl B, on 8.5 ml. of State Highway 5, Section 1, Primary State Highway 5, Krain to Summit and Section 2, Summit to State Highway No. 5-A, Summit W. State Project in King County, involving about 320 tons of bituminous cement, placing 620 cu. mineral aggregate, etc.

Snohomish and Skagit Counties: Constructing light bituminous surface treatment, bituminous retread surface and bituminous surface treatment, oonskid seal, on Primary State Highway 15, Section 1, Halford to Index, about 4.3 miles; on Primary State Highway 1, Section 2, Beverly Park to Everett, about 2.8 miles; on Secondary State Highway 17-A, Hamilton to Birdsview, about 5.6 miles; State Projects in Snohomish and Skagit counties. Bids received July 20 rejected.

August 4, 1937.

**BIDS WANTED**

**SAN BERNARDINO CO., Calif.**—Until August 26, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying seal coat to existing pavement on about 82.4 miles between Amboy and Essex and between Vidal and Needles.

- Work involves:
- (1) 670 tons liquid asphalt, SC-4;
  - (2) 1,870 c.y. sand, location A;
  - (3) 53.7 mi. cover material, location B.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**PLACER CO., Calif.**—Until August 16, 10:30 a.m., bids will be received by C. H. Whitmore, District Engineer, State Division of Highways, 703 E St., Marysville, for applying seal coat to 15.7 miles highway between Auburn and Colfax, Placer County.

- Work involves:
- (1) 175 tons liquid asphalt, 90-95, in place;
  - (2) 2,100 tons screenings in place.
- Plans and specifications may be obtained from the above office.

**LOW BIDDERS**

**NAVAJO CO., Ariz.**—Triangle Rock & Gravel Co., P.O. Box 250, San Bernardino, at \$43,748, submitted low bid to the U. S. Bureau of Public Roads, P.O. Box 70, New Post Office Bldg., Phoenix, Arizona, for placing selected borrow sub-base on about 8.148 miles Section A & B, Route 30, Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Arizona.

- Work involves:
- (1) 200 c.y. unclass. excav.;
  - (2) 68,200 c.y. unclass. excavation for borrow.
- Total bids follow:
- |                             |                         |          |
|-----------------------------|-------------------------|----------|
| Triangle Rock & Gravel Co., | Box 250, San Bernardino | \$43,748 |
| M. G. Hill                  |                         | 44,871   |
| Tanner Constr. Co.          |                         | 47,258   |

**CONTRACT AWARDED**

**SALINAS, Monterey Co., Calif.**—W. A. Dontanville, Box 544, Salinas, at \$1,756.71, submitted low bid and was awarded contract by the Salinas City Council, F. E. Heple, City Clerk, Salinas, for improvement of a portion of Hawthorne Street, from the easterly line of California Street to the easterly termination of Hawthorne St. Estimated cost, \$2,438.01.

- Work involves:
- (1) 14,250 sq. ft. of grading;
  - (2) 570 lf. hydraulic cement concrete curbs;
  - (3) 855 sq. ft. hydraulic cement concrete gutters;
  - (4) 2,850 sq. ft. hydraulic cement con-

- crete sidewalks;
  - (5) 8,788 sq. ft. waterbound base with asphaltic wearing surface.
- Total bids follow:
- |                               |                  |            |
|-------------------------------|------------------|------------|
| W. A. Dontanville,            | Box 544, Salinas | \$1,756.71 |
| (B) Kallam & LeNair           |                  | 1,845.12   |
| (C) Granite Constr. Co., Ltd. |                  | 2,066.54   |

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$0.01	\$0.01	\$0.01½
(2).....	.48	.40	.60
(3).....	.22	.30	.25
(4).....	.15	.15	.17
(5).....	.0825	.09	.10½

**BIDS OPENED**

**WHATCOM CO., Ore.**—R. O. Dall and Warren Bros.—Aberdeen, Wash., at \$48,533, submitted low bid to the U. S. Bureau of Public Roads, 316 New Post Office Building, Portland, for reconstruction surfacing and bituminous surface treatment on Mt. Baker Highway, Project 6-A8, Mt. Baker National Forest, Whatcom Co.

- Work involves:
- (1) 1700 c.y. unclass. excav.;
  - (2) 4,618 miles fine grading of sub-grade and shoulders;
  - (3) 18,000 tons heavy base course;
  - (4) 7200 tons crusher run top course;
  - (5) 1000 tons watering;
  - (6) 160 tons cutback asphalt, MC-2 grade, for prime coat;
  - (7) 1850 ft. hug-high rustic guard rail, type 7.

H. G. Johnson, Imperial Building, Portland, at \$50,836, submitted the only other bid.

**BIDS WANTED**

**SPOKANE, Wash.**—Until August 16, 11 a.m., bids will be received by the Spokane County Engineer, Clarence Griggs, Spokane, for grading and surfacing 8.58 miles of the Spangle-Waverly Road, Secondary Road Project No. 38.

- Work involves:
- (1) 42,110 c.y. class A excav.;
  - (2) 19,890 c.y. crushed stone surfacing;
  - (3) 8.568 mi. removing and replacing;
  - (4) 32,290 ft. slope treatment.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**RICHMOND, Contra Costa Co., Cal.**—Until August 16, 8 P. M., bids will be received by the Richmond City Council, City Hall, for 132 miles of street improvements on MacDonald Avenue between 23rd Street and San Pablo Ave. Est. cost, \$32,000.

- Work involves:
- (1) 300 tons Type A asphalt concrete;
  - (2) 300 tons type B do;
  - (3) 315 tons Type C do;
  - (4) 350 c.y. 7-in. cement conc. pave;
  - (5) 2900 sq. ft. planing exist. pave.;
  - (6) 1800 sq. ft. wearing surface re-

- moved;
- (7) 500 sq. ft. cement concrete sidewalk;
- (8) 600 sq. ft. concrete cement gutters;
- (9) 129 lf. cement concrete curbs;
- (10) 1690 sq. ft. removal of asphalt pavement, account of drains;
- (11) 66 ft. drain tile;
- (12) 4 culverts;
- (13) 28 manholes to be raised;
- (14) 3 lamp posts.

Plans and specifications may be obtained from the office of City Engineer E. A. Hoffman, City Hall, Richmond, upon deposit of \$5.00.

**BIDS WANTED**

**COCONINO COUNTY, Ariz.**—Until Aug. 13, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Predonia Highway, FA, 95-G (1935) AFE 8970. The work, which begins at the highway junction about six miles east of Flagstaff and extends northerly about 8.8 miles, consists of grading and furnishing and placing select material, aggregate base course and 90-95 road oil plant mix, and is to be completed on or before Feb. 28, 1938.

- Work involves:
- (1) 4,300 c.y. rdwy. excav.;
  - (2) 4,000 c.y. ml. haul;
  - (3) 20,000 c.y. stripping pits;
  - (4) 5,800 c.y. imported aggregate (CIP);
  - (5) 24,790 c.y. selected material (CIP);
  - (6) 19,200 tons agg. base course, CIP;
  - (7) 1,700 M. gals. sprinkling;
  - (8) 370 hours rolling;
  - (9) 81,300 gals. road oil, SC-2;
  - (10) 11,500 tons plant, inc. haul;
  - (11) 500 tons road oil, 90-95;
  - (12) 8 miles placing plant mix;
  - (13) 1,450 tons screenings (oil coat);
  - (14) 1,700 sq. yds. placing intersections;
  - (15) 1,000 tons stockpiling plant mix;
  - (16) 50 tons cutback asphalt, MC-2.
- Plans and specifications may be obtained at the office of the state highway engineer, T. S. O'Connell, Certified or cashier's check, 5%.

**BIDS WANTED**

**MARIN COUNTY, Cal.**—Until Aug. 10, 3 P. M., bids will be received by the District Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, for constructing a roadway about 10,600 ft. in length, beginning at a point on the main road on the Fort Barry Military Reservation, Marin County, located about 500 ft. northwesterly from the side road to the balloon hangar, thence in a general westerly direction to Edele Lagoon, thence northerly across said lagoon, thence westerly to the roadway end; involving clear-

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ing and grubbing, roadway excavation and construction of embankments, constructing a crosstied pile and timber bridge, with two 10-foot spans and miscellaneous drainage structures, preparing roadway base courses, laying paving, and all other contingent work.

Work involves:

- (1) 14 acres clear and grub;
- (2a) 54,630 c.y. rdwy. excav., unclass.
- (2b) 139,200 sta. yds. overhaul;
- (2c) 2,600 c.y. re-haul of stockpiled material;
- (3) 2,250 M. gals. water;
- (4) 600 c.y. struc. excav., unclass.;
- (4b) 400 c.y. backfill;
- (5) 20 c.y. Class A concrete;
- (6) 450 lbs. reinf. steel;
- (7) 1,300 lf. crosstied wood piles;
- (8a) 85 MEM crosstied struc. timber;
- (8b) 30 MEM crosstied wakefield piles;
- (9a) 260 lf. 8-inch corr. pipe culverts;
- (9b) 130 lf. 12-in. do;
- (9c) 340 lf. 18-in. do;
- (9d) 60 lf. 24-in. do;
- (9e) 150 lf. 30-in. do;
- (9f) 530 lf. 6-inch concrete or clay drain tile;
- (10) 1 complete item relocate sewer line;
- (11) 21,200 sq. yds. preparation of subgrade;
- (12) 106 sta. finishing rdwy.;
- (13a) 2330 c.y. untreated local rock base course;
- (13b) 2330 c.y. stabilized local rock leveling course.

Items 8a, 8b, 13a and 13b have been revised by the U. S. Engineer Office

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

ORANGE CO., Calif.—C. O. Sparks & Mundo Engineering Co., 2309 East Olympic Blvd., Los Angeles, at \$9,752.98, awarded contract by the State Division of Highways, Sub State Bldg., Los Angeles, for surfacing with plant-mixed surfacing and constructing borders between the north city limits of Orange and two miles northerly on Road VII-Ora-43-B. 29

#### LOW BIDDER

WHATCOM CO., Ore.—R. O. Dail and Warren Bros., Aberdeen, Wash., at \$48,534 submitted low bid to the U. S. Bureau of Public Roads, 316 New Post Office Building, Portland, for reconstruction surfacing and bituminous surface treatment on Mt. Baker Highway, Project 6-AS, Mt. Baker National Forest, Whatcom Co.

Work involves:

- (1) 1700 c.y. unclass. excav.;
- (2) 4,618 miles fine grading of sub-grade and shoulders;
- (3) 18,000 tons heavy slag course;
- (4) 7200 tons crusher run top course;
- (5) 1000 units watering;
- (6) 160 tons cutback asphalt, MC-2 grade, for prime coat;
- (7) 1850 ft. hug-high rustic guard rail, type 7.

#### CONTRACT AWARDED

TULARE and Fresno Cos., Cal.—Tieslau Bros. Inc., 1315 Aliston Way Berkeley, at \$3,335.25, was awarded contract by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, C. H. Sweetser, District Engineer, for placing a bituminous treatment on Route 1, the Generals Highway, General Grant National Park and on portions of Sections B and C, General Grant-Sequoia Park, near the Road, Sequoia National Forest, involving approximately \$120,000.

#### BIDS WANTED

STATE OF OREGON—Until Aug. 12, 9 A. M. bids will be received by the Oregon State Highway Commis-

sion, R. H. Baldock, State Highway Engineer, 3rd Floor, Public Service Building, Portland, for highway and bridge construction, as follows:

COOS COUNTY: Overcrossing structure over the S. P. Co.'s bridge on the Coos River Secondary Highway at Bunker Hill, Federal Aid Grade Separation Project No. FAGS-5; 0.16 mile grading highway roadbed and 0.39 mile grading railroad roadbed. Requires approx. 32,000 c.y. excavation, 2,200 lf. piling; 410 c.y. concrete; 80,000 lbs. metal reinforcement 5,400 c.y. selected roadbed topping materials, and 800 c.y. crushed rock or crushed gravel.

CLATSOP and Tillamook Counties: Arch Cape-Beach Creek Section of Oregon Coast Highway, Federal Aid Proj. No. 180-G, Clearing 2.18 miles of highway right of way.

HARNEY COUNTY: Lake County Line-Gap Ranch Section of Central Oregon Highway; Federal Lands Highway Project No. FLH 6-A and Federal Project No. 148-D; 2.12 mi. regrading; 7.61 miles surfacing and furnishing 11,500 c.y. crushed rock in stock piles. Requires approx. 29,000 c.y. excavation, 33,900 c.y. crushed rock, and 8,000 c.y. cinders.

HOOD RIVER COUNTY: Bloucher Section of Hood River Secondary Highway; Federal Aid Secondary Proj. No. FAS 253-B; 1.6 miles surfacing and oiling and furnishing 4,000 c.y. crushed rock in stock piles. Requires approx. 9,400 c.y. crushed rock, 18,500 sq. yds. oil mat surf. treatment.

JACKSON COUNTY: Eagle Pt.-Baker Gulch Section of Little Butte Secondary Highway; Federal Aid Secondary Project No. FAS 239-B; 3.2 mi surfacing and furnishing 3,930 c.y. crushed gravel in stock piles. Requires approx. 10,500 c.y. of crushed gravel.

LANE COUNTY: Siuslaw Junction-Awbyre Section of Pacific Highway; Federal Aid Project No. 262-C; 4.32 miles grading and selected roadbed topping and construction of 220 lf. timber pile trestle with concrete superstructure. Requires approx. 105,000 c.y. excavation; 53,000 c.y. selected roadbed topping; 41,300 c.y. crushed lumber; 178 c.y. concrete; 36,000 lbs. metal reinf. and 480 lf. concrete handrail.

MALHEUR COUNTY: Concrete undercrossing structure, retaining walls, & highway roadbed at crossing with U. S. railroad tracks on Old Oregon Trail at Ontario, Federal Aid Grade Crossing Project Nos. FAGM-158-B and FAGH-46. Requires approx. 29,800 c.y. excavation; 8,760 c.y. gravel topping and ballast materials; 12,100 pavement; 960 sq. yds. concrete sidewalk; 3,650 c.y. concrete; 348,000 lbs. metal reinf. and 540,000 lbs. struc. steel.

MULTNOMAH COUNTY: Remodeling and widening Union Ave. bridge over Siuslaw Gulch on Pacific Highway East in Portland; Federal Aid Grade Crossing Project No. FAGM 130-A. Requires approx. 590 c.y. excavation; 9,000 lf. treated foundation piling; 435 c.y. concrete; 55,900 lbs. metal reinf. and 570,000 lbs. struc. steel.

TILLAMOOK COUNTY: Tillamook Co. Oiling Project on three county roads, Federal Aid Secondary Projects Nos. FAS 2-4 and FAS 1-A, and State Project; 4.4 miles surfacing and 8.5 miles oiling. Requires approx. 4200 c.y. crushed rock or crushed gravel and 56,000 sq. yds. oil mat surface treatment.

YAMHILL COUNTY: Structural steel for Undercrossing Superstructure at crossing of S. P. Co.'s tracks near Whifton, on Pacific Highway West Federal Aid Grade Crossing Project No. FAGH 58. Requires the furnishing and fabrication only (no erection) of approx. 80,000 lbs. of structural steel.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

#### BIDS OPENED

SACRAMENTO, Calif.—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$51,502.89, submitted low bid to the Sacramento City Council for the improvement of all streets in Land Park Tract Unit No. 11.

Total bids follow:  
A) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, \$51,502.89  
B) Heafey-Moore Co., Oakland, 57,452.43  
C) McMillhry Constr. Co., Sacramento, 58,873.10  
D) B. E. Reed, 59,476.53  
Complete bids will be published shortly.

#### LOW BIDDER

LINN COUNTY, Oregon.—A. Milne Const. Co., 7233 NE Broadway, Portland, at \$63,331 submitted low bid to the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for surfacing North Santiam Highway Project, 24-E4, Willamette National Forest, Linn County, Ore.

Work involves:

- (1) 1000 cu. yds. and misc. force account work;
  - (2) 2500 c.y. unclass. excav.;
  - (3) 8,536 miles fine grading of sub-grade and shoulders;
  - (4) 3,500 tons dry choked stone or slag base;
  - (5) 15,500 tons crusher run top course;
  - (6) 1,600 units watering;
  - (7) Provide and maintain water plant or plants;
  - (8) 360 tons of cutback asphalt, MC-2 grade, for prime coat.
- Complete bids will be published shortly.

#### CONTRACT AWARDED

SHASTA COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at \$12,555.90, awarded contract by C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for grading about 5.133 miles, Section J of Rte. 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

#### CONTRACT AWARDED

SAN BERNARDINO 5, RIVER-IDE COS., CALIF.—United Concrete Pipe Corp., 147 W. 208th St., Los Angeles, at \$37,313.69, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for surfacing with plant-mixed surfacing and slow-curing type seal coat applied thereto about 8.6 miles at various locations in District VIII.

#### CONTRACT AWARDED

GRAHAM COUNTY, Ariz.—George W. Orr, Concho, Ariz., at \$99,582.08, was awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Safford State Line Highway, F.A. 88-A, 2nd Rep. (1937) AFE 7006; and on the Solomonville - Duncan Highway, FA 77, 2nd Rep (1937); Sec. 1, AFE 7003. The work, which begins about 2 miles east of the town of Solomonville and extends southeast about 9 1/2 miles, consists of grading and draining the roadway.

#### CONTRACT AWARDED

YAVAPAI CO., Ariz.—Fisher Contracting Co., 516 S. 7th St., Phoenix, at \$75,409.12 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on Prescott-Flagstaff Highway, FA 96-E (1937), AFE 7923. The work, which is located about 27 miles

northeast of Jeroms near the town of Sedona, consists of grading and draining, 3 1/4 miles of roadway and furnishing and placing of aggregate base course and asphaltic surface treatment, and is to be completed on or before Jan. 15, 1938.

**BIDS WANTED**

**COCONINO COUNTY, Ariz.**—Until Aug. 13, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for high-Fredonia Highway, FA 95-I (1938) AFB 8971. The work, which begins about 28 miles north of Flagstaff and extends northerly a distance of 15 1/2 miles, consists of furnishing and placing select material, aggregate base course and asphaltic surf. treatment, and is to be completed on or before Dec. 15, 1937.

Work involves:  
 16,700 cu. y. selected material (CIP);  
 44,300 tons agg. base course (CIP);  
 1,465 cu. gal. sprinkling;  
 390 hours rolling;  
 192,600 gals. road oil (SC-2);  
 440 cu. y. blottor material (CIP);  
 300 tons a stockpiling aggregate base course (CIP).  
 Plans and specifications may be obtained from the office of the state highway engineer, T. S. O'Connell. Certified or cashier's check, \$5.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 18, 2:30 p. m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the construction of sidewalks on Ardenwood Way and other locations.

Work involves:  
 (1) 7000 sq. ft. 2-course concrete sidewalk.  
 Plans and specifications may be obtained from John J. Casey, Room 351, City Hall.

**BIDS WANTED**

**PLACERVILLE, Eldorado Co., Cal.**—Until August 16, 2 p. m., bids will be received by the U. S. Department of Agriculture, Forest Service, Forest Supervisor, Placerville, for the following:

- (1) Furnishing and spreading road oil, as follows:
  - (a) 0.2 ml. of road, 264 gals.; Blackbird Camp, 2 ml. east of Placerville;
  - (b) 0.1 ml. of road; 132 gals.; Bull Creek Camp;
  - (c) 0.4 ml. of road; 528 gals.; Alder Creek Camp;
  - (d) 0.3 ml. of road, 396 gals.; 39-Mile Camp;
  - (e) 0.2 ml. of road, 264 gals.; Pyramid Camp;
  - (f) 0.2 ml. of road, 264 gals.; 42-Mile Camp;
  - (g) 0.2 ml. of road, 264 gals.; Phillips Camp;
  - (h) 0.2 ml. of road, 264 gals.; Firs Camp;
  - (i) 1 ml. of road, 1320 gals.; Eldorado Camp south of Lake Tahoe;
  - (j) 0.5 ml. of road, 660 gals.; Snowline CCC Camp, 10 ml. east of Placerville;
- (2) Asphaltic binding material, Type SC-3, to be furnished and spread, as follows:
  - (a) 6600 gals. at a point 1 mile south of Eldorado Co. Camp 32 mi. S. of Tahoe City;
  - (b) 4620 gals. at 28-mile stone, approx. 28 ml. E. of Placerville, U. S. 50;
  - (c) 7260 gals. at Geortown Junction, approx. 38 ml. E. of Placerville.

**BIDS WANTED**

**SAN FRANCISCO, Cal.**—Until August 18, 2:30 p. m., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Spec. No.

19053, for the construction of the Castro Street extension from Duboce Avenue to Walter and Divisadero Streets. Estimated cost, \$58,000.

- Work involves:  
 (1) 12,000 cu. y. excav.;  
 (2) 36,000 sq. ft. 2-in. to 6-in. asphaltic conc. pavement;  
 (3) 6000 sq. ft. 8-in. conc. pave.;  
 (4) 30 tons asphaltic conc. wearing surface;  
 (5) 1000 lf. conc. curb (unarmored);  
 (6) 430 lf. granite curb (treated);  
 (7) 13,700 sq. ft. concrete sidewalk (2-course);  
 (8) 650 cu. y. conc. retaining wall;  
 (9) 52,000 lbs. reinf. steel;  
 (10) 450 lf. 12-in. VCP sewer;  
 (11) 10 6-in.x12-in. VCP Y branches;  
 (12) 309 lf. 6-in. VCP side sewer;  
 (13) 70 lf. 6-in. CIPP side sewer;  
 (14) 250 lf. 10-in. VVCP culvert;  
 (15) 3 brick manholes;  
 (16) 5 brick catchbasins;  
 (17) 1,700 lf. electric conduit;  
 (18) 470 lf. 8-in. white paint traffic stripe;  
 (19) 3,500 sq. ft. 6-in. concrete pavement.

Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10. \* 29

**CONTRACT AWARDED**

**SAN DIEGO, Calif.**—Sim J. Harris, 3375 Dale St., San Diego, at \$497.85, was awarded contract by E. L. Marshall, Commander, 11th Naval District, foot of Broadway, San Diego, under Spec. 8499, for surfacing attraction entrance road at the U. S. Naval Radio Direction Finder Station, Imperial Beach, San Diego. \* 29

**CONTRACT AWARDED**

**FERRY CO., Washington.**—George F. Christensen, Stevenson, Washington, at \$53,425.50, was awarded contract by the W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for improving about 4,090 miles the Republic-Kettle C. Falls (East Side) Highway Grading Project 20-E, National Forest Road Project located within the Colville National Forest. \* 29

**RDS OPENED**

**YAVAPAI CO., Ariz.**—Thiffany Construction Co., Box 846, Phoenix, Ariz., at \$8,196.28, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Prescott-Jerome Highway, FA 96-C. The work, which begins at a point about 22 ml. northeast about 5 1/2 miles, consists of applying asphaltic surface treatment to the existing roadway surface and is to be completed on or before September 15, 1937.

Work involves:  
 (1) 172 cu. gal. sprinkling (CIP);  
 (2) 105 hours rolling;  
 (3) 64,725 gal. road oil, SC-2 (for AST) (CIP on Road);  
 (4) 627 cu. y. spreading stockpiled cover coat.

Total bids follow:  
 (A) Thiffany Constr. Co., Box 846, Phoenix, Ariz. \$8,196.28  
 (B) Reliance Truck Co., Box 2293, Phoenix 8,986.25  
 (C) Southern Calif. Roads Co., Helbrook 9,238.35

Unit prices follow:

	(A)	(B)	(C)
(1)	\$3.00	\$5.00	\$8.75
(2)	4.00	4.00	8.00
(3)	.087	.09	.068
(4)	2.60	3.00	3.00

**RDS OPENED**

**SAMPETE AND EMERY COS., Utah.**—Wheelerwright Constr. Co., Ogden, Utah, at \$68,254.50, submitted low bid to and was recommended for award by the U. S. Bureau of Public

Roads, Ogden, Utah, under Project 7-B1-C, for highway improvement, Fairview-Huntington Canyon, Sampete and Emery Counties.

Total bids follow:  
 Wheelerwright Constr. Co., Ogden, Utah \$68,254.50  
 T. C. Rowland, Salt Lake City 73,287.00  
 J. M. Sumsion, Springville 76,104.70  
 F. R. Knowlton, Layton 76,845.20  
 Floyd S. Whiting, Keyville 80,309.70  
 L. A. Young Constr. Co., Richfield 81,946.50  
 Strong & Grant, Springville 85,429.50  
 Reynolds-Ely Constr. Co., Springville 93,156.50

August 3, 1937.

**CONTRACT AWARDED**

**LA VERKIN, Washington Co., Utah.**—J. M. Sumsion, Springville, Utah, at \$22,469.34, was awarded contract by the Utah State Road Commission, Salt Lake City, for highway improvements, LaVerkin Junction, Harrisburg Bench, F.A.P. 113-A-C-D.

**COMPLETE BIDS**

**MODOC CO., Calif.**—George French, Jr., P.O. Box 107, Stockton, at \$11,200, submitted low bid to F. W. Hazelwood, District Engineer, District 11, State Division of Highways, Redding, for surfacing with road-mix about 11.8 miles between 2.5 miles west of Cedarville and the State Line.

Work involves:  
 (1) 3690 cu. y. mineral aggregate;  
 (2) 200 tons liquid asphalt, ROMC-3.

Total bids follow:  
 (A) George French, Jr., P.O. Box 107, Stockton \$11,200  
 (B) Thieslau Bros., Berkeley 11,500  
 (C) Garcia Constr. Co., Irvington 12,150  
 (D) McReynolds Trucking Co., Oakland 13,000  
 (E) Fredericksen & Westbrock, Liver Lake 13,470  
 (F) Harahan Co., S. F. 13,800  
 (G) E. B. Bishop, Orland 14,600

Unit bids follow:

	(1)	(2)
(A)	\$2.00	\$36.00
(B)	2.10	28.00
(C)	2.25	27.00
(D)	2.40	29.00
(E)	2.69	27.00
(F)	2.60	30.00
(G)	3.00	28.00

**BIDS WANTED**

**INGLEWOOD, Los Angeles Co., Calif.**—Until Aug. 17, 7:30 p. m., bids will be received by the Inglewood city council for widening and improving Manchester Blvd. between the west line of Commercial St. and the west line of Greenville Ave. The work, which will be paid for from gasoline tax funds, will consist of widening to 100 ft. and paving to 76 ft. between curbs, walk, and curb.

Work involves:  
 (1) 52,241 sq. ft. excav.;  
 (2) 840 lf. remove existing curb;  
 (3) 1315 sq. ft. remove existing gutter;  
 (4) 4082 sq. ft. remove existing sidewalk;  
 (5) remodel corr iron culvert (est. \$1845);  
 (6) 6 cu. y. conc. for culvert;  
 (7) 840 ft. new curb;  
 (8) 1315 sq. ft. new gutter;  
 (9) 4019 sq. ft. new walk;  
 (10) 20,896 sq. ft. asphalt conc. base and wearing surf.;  
 (11) 17,940 sq. ft. medium curing rock and oil plant mix shoulders.

Arthur W. Corv, city engineer; Otto H. Duelle, city clerk.

**RDS OPENED**

**FINN CO., Oregon.**—A. Milne Cos. Co., 7252 N.E. Broadway, Portland, at \$49,891, submitted low bid to the U. S. Bureau of Public Roads, 316 New Post Office Bldg. Portland, for surfacing North Santiam Highway Proj-

ect, 24-E4, Willamette National Forest, Linn Co., Ore.

- Work involves:
- (1) Extra and misc. force account work;
  - (2) 2500 c.y. unclass. excav.;
  - (3) 8,536 cu. yd. grading of sub-grade and shoulders;
  - (4) 3,800 tons dry choked stone or slag base;
  - (5) 11,500 tons crusher run top course;
  - (6) 1,600 units watering;
  - (7) Provide and maintain water plant or plants;
  - (8) 300 tons of cutback asphalt, MC-2 grade, for prime coat.

Total bids follow:

A. Milne, 7231 NE Broadway, Portland, Oregon	\$68,831
Rahler Bros., Portland	74,428
E. C. Hall, Eugene	76,416
Warren-Northwest, Inc., Portland	79,946
Saxton, Looney & J. S. Risley, Portland	77,977
Max J. Kinney, Portland	80,635
Clifford A. Dunn, Klamath Falls	82,756
R. O. Dall & Warren Bros., Aberdeen	\$6,811
Joplin & Eldon, Portland	\$8,813

#### BIDS WANTED

MONO COUNTY, Cal.—Until Aug. 15, P. M., bids will be received by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying imported surfacing material and road mixed surface treatment to 9 miles between Mammoth Lake and Route 23, near Casa Diablo Hot Springs.

- Work involves:
- (1) 200 M. gals. water;
  - (2) 7,600 c.y. imported borrow;
  - (3) 477 sta. finishing rdwy.;
  - (4) 37 tons liquid asph. SC-2 prime coat and penetration treatment;
  - (5) 15,400 cu. yd. imported surf. material;
  - (6) 975 tons liquid asphalt SC-3 road mix surf. treatment;
  - (7) 9.02 miles preparing, mixing and shaping roadbed.
- (Item 4 previously reported incorrectly.)

Plans and specifications may be obtained from the above office.

#### BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available on work for which bids will be opened in Sacramento Aug. 18.

IX-Mno-112-A, between Mammoth Lakes and Route 23, near Casa Diablo Hot Springs; PLANS and CROSS-SECTIONS: None. Bids to be opened in Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

#### CONTRACT AWARDED

DOUGLAS CO., Cal.—Nevada Rock & Sand Company, Inc., Reno, Nevada, at \$53,409.07, was awarded contract by Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for constructing 15 miles of State Highway in Douglas County, from Gardnerville to Minden, Route 3, Section B3.

- Work involves:
- (1) 4,794 lf. remove fence;
  - (2) 490 lf. remove culvert pipe;
  - (3) 21 cu. yd. remove trees;
  - (4) 22 each, remove stumps;
  - (5) 24 cu. yd. remove concrete;
  - (6) 6 each remove conc. culverts;
  - (7) 7 each remove wooden bridge;
  - (8) 6,447 c.y. rdwy. excav.;

- (9) 14,783 yd. sta. overhaul (yd. sta.);
- (10) 11,294 yd. ml. overhaul (yd.-miles);
- (11) 3,165 cu. yd. drainage excav.;
- (12) 475 cu. yd. struc. excav.;
- (13) 435 cu. yd. backfill;
- (14) 1,800 miles subgrade, type B;
- (15) 1,520 tons gravel base, type 1;
- (16) 11,794 tons do, type 2 (1½-inch size);
- (17) 2,235 tons coarse aggregate (1½- to ¾-in. size);
- (18) 458 tons dry rock (¾-in. to No. 4 size);
- (19) 524 tons screenings (¾-in. to No. 20 size);
- (20) 682 M. gals. water;
- (21) 157 tons emulsified asph., penec.;
- (22) 94 tons do, mixing;
- (23) 60 tons liquid asph., type SC-2;
- (24) 86 cu. yd. Class A concrete;
- (25) 1,530 lbs. reinf. steel;
- (26) 3,000 lb. struc. steel;
- (27) 2.26 MFMB redwood;
- (28) 274 lf. 8-in. corrug. metal pipe (dipped);

- (29) 68 lf. 18-in. do;
- (30) 958 lf. 24-in. do;
- (31) 32 lf. relay culvert pipe;
- (32) 12 cu. yd. move bridge;
- (33) 5 each move concrete headgates;
- (34) 22 each monuments;
- (35) 4,447 lf. reconstruct fence;
- (36) 3,630 lbs. castings;
- (37) force account, misc. items;
- (38) force account, roadside cleanup;
- (39) 35 cu. yd. Class A concrete (curb and gutter);

Total bids follow:  
Nevada Rock & Sand Co., Inc., Reno, Nevada, \$53,409.07  
Inco Paving Co., S. F., \$44,343.21  
George French, Jr., Stockton, 61,152.04

#### BIDS OPENED

KERN COUNTY, Cal.—Piazza and Huntley, 415 First National Bank Bldg., San Jose, at \$40,790 submitted low bid to the State Division of Highway Engineering, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing on about eight miles and constructing borders on 2 miles of highway south of Greenfield and Mountain View School.

- Work involves:
- (1) 165 M. gals. water;
  - (2) 11,000 tons crusher-run base;
  - (3) 40 tons liquid asphalt, SC-1A or SC-2 prime coat;
  - (4) 22,000 sq. yds. of asphaltic paint binder;
  - (5) 4,000 tons of mineral aggregate plant-mix surf.;
  - (6) 205 tons liquid asphalt, ROMC-4, plant-mix surf.;
  - (7) 240 tons liq. asph. SC-4, shoulders
  - (8) 29,000 sq. yds. preparing, mixing, and shaping shoulders.

Total bids follow:  
(A) Piazza & Huntley, 415 First National Bank Bldg., San Jose, \$40,790.00.  
(B) Griffith Co., Los Angeles, \$41,290.00.  
(C) Independent Const. Co., Ltd., Oakland, \$44,700.00.  
(D) Inco Paving Co., San Francisco, \$45,630.00.  
(E) L. A. Briscoe, Arroyo Grande, \$53,482.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$2.00	\$3.00	\$2.00	\$2.00	\$3.50
(2).....	1.90	2.11	2.30	2.10	2.95
(3).....	10.00	10.00	11.00	14.00	9.61
(4).....	.015	.02	.02	.02	.02
(5).....	2.60	2.18	2.50	3.00	2.98
(6).....	16.00	15.00	16.00	16.00	15.46
(7).....	13.00	12.00	12.00	15.00	11.67
(8).....	.07	.07	.07	.08	.06

#### BIDS WANTED

SAN FRANCISCO.—Until Aug. 18, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 18,064 for the construction of a rubble wall on Market street, between Diamond and

Eureka streets. Estimated cost \$2,800.00.

- Work involves:
- (1) 143 cu. rubble wall;
  - (2) 125 lf. wooden railing;
  - (3) 160 lf. reset concrete curb;
  - (4) 1120 sq. ft. concrete sidewalk.
- Plans and specifications may be obtained from the office of City Engineer J. J. Casey, Room 351, City Hall, upon the deposit of \$10.00.

#### CONTRACT AWARDED

SAN FRANCISCO.—A. G. Ralsch, 1 De Haro St., San Francisco, at \$76,710, was awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,030, for the improvement of Section B of Ocean Ave., between Harold Avenue and Pinehurst Way. Estimated cost, \$53,730.

#### CONTRACT AWARDED

NAVAJA-APACHE COS., Arizona.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$7,284.40 was awarded contract by the Arizona State Highway Engineer, Room 1015, for the construction of Holbrook-Lupton Highway Non-FA 83-C & G, AFE 6669. The work, which begins at a point 14½ mi. northeast of Holbrook and extends east about 6½ mi. to Navajo-Apache county line, consists of furnishing and applying a seal coat to existing asphalt surface and is to be completed on or before Aug. 31.

#### 30—RESERVOIRS & DAMS

##### BIDS WANTED

TUCSON, Pima Co., Ariz.—Until 10 a.m., Aug. 20, bids will be received by the board of regents, University of Arizona, Jack B. Martin, Secretary, for drilling, casting, perforating and developing a water well complete for the University of Arizona. Plans and specifications may be obtained from the comptroller, Room 105 Administration Bldg., upon deposit of \$10.

#### CONTRACTS AWARDED

BOULDER CANYON PROJECT.—The following were awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 727, for furnishing: (1) four 3,333 kv-a, single phase, 16.5 to 69 kv transformers; (2) one 138 kv, 3-phase, 600-ampere oil circuit breaker; (3) one 69 kv, 3-pole lightning arrester; (4) three 138 kv, 600-ampere disconnecting switches; (5) two 16.5 kv outdoor potential transformers; (6) one 39.6 kv outdoor potential transformer; (7) one 16.5 kv disconnecting switch.

Schedule 1—Pennsylvania Transformer Co., Pittsburgh, Pa.—\$18,990.61

Schedule 2—Pacific Elec. Mfg. Co., San Francisco—\$1,561.80

Schedule 3—General Electric Co., Schenectady, N. Y.—\$6,337.89

Schedule 4—Allis-Chalmers Mfg. Co., Milwaukee, Wis.—\$9,660.62

Schedule 5—General Electric Co., Schenectady, N. Y.—\$1,052.13

Schedule 6—Johnson Mfg. Co., Atlanta, Ga.—\$318.50

#### CONTRACT AWARDED

UPPER SNAKE RIVER PROJECT.—Berthel & Taylor, 598 San Fernando Road, Los Angeles, at \$22,311, was awarded contract by R. F. Walter, Chief Engineer, U. S. Reclamation, Ashton, Idaho, for the construction of Cascade Creek diversion dam and earthen work and structures for Cascade Creek-Grassy Lake diversion canal, Upper Snake River Project, Idaho; Spec. No. 946-D.

#### BIDS OPENED

SNAKE RIVER PROJECT, Montana.—Bids for 1) six radial gates; and 2) six hoists for installation in Gib-

son Dam, Sun River project, Mont., Spec. 948, opened by U. S. Bureau of Reclamation, Denver, were:

General Iron & Steel Works: (1) \$13,972; (2) \$14,375; combination bid \$28,200; job Portland.

Commercial Iron Works: (2) \$10,314 job Portland.

Joshua Hendy Iron Works: (2) \$13,005.95; job Sunnyvale, Calif.

Koppers Co., Western Gas Div.: (1) \$13,890; (2) \$14,500; combination bid, \$27,890; job Ft. Wayne, Ind.

Western Foundry Co.: (2) \$11,954; job Portland.

Lakeale Bridge & Steel Co.: (1) \$10,359; job Milwaukee, Wis.

John W. Beam: (1) \$14,200; disc. 1/2%; job Chicago.

Valley Iron Works: (2) \$9683; disc. 5%; job Yakima, Wash.

Consolidated Steel Corp.: (1) \$14,108; (2) \$15,023; combination bid, \$28,549; job Los Angeles.

S. Morgan Smith Co.: (2) \$16,512; job York, Pa.

McKiernan-Terry Corp.: (2) \$16,650 job Dover, N. J.

Bethlehem Steel Co.: (1) \$22,000; job Chicago.

Foote Bros. Gear & Mach. Corp.: (2) \$12,870; job Chicago.

N. Y. Shipbuilding Corp.: (1) \$15,264; job Camden, N. J.

Berkeley Steel Const. Co.: (1) \$11,850; job Berkeley; disc. 1/2%.

Worden-Allen Co.: (1) \$11,450; job Milwaukee; disc. 1/2%.

**31—PIPE LINES & WELLS**

**BIDS WANTED**

SAN FRANCISCO.—Until Aug. 12, 3 P. M. bids will be received by the San Francisco Bay Exposition Co., 555 Bush St., for the construction of the first unit of the high pressure water system on Yerba Buena shoals.

- Work involves:
- (1) 9.835 lf. 60-inch dia. 10-gauge welded steel pipe;
  - (2) 9.330 lf. 12-in. dia., 12-gauge do.;
  - (3) 6.630 lf. 10-in. dia. do.;
  - (4) 2.706 lf. 8-in. dia. 14-gauge do.;
  - (5) 2.308 lf. 6-in. dia. do.;
  - (6) 3.85 lf. 4-in. dia. 16-gauge for blow offs and drains;
  - (7) 2 16-in. gate valves with spur gearing;
  - (8) 16 12-in. gate valves;
  - (9) 37 10-in. gate valves;
  - (10) 3 8-in. gate valves;
  - (11) 21 4-in. gate valves;
  - (12) 400 lf. corr. metal conduit;
  - (13) 39 wharf hydrants;
  - (14) lump sum, separate proposition on felt wrapping of all steel pipe.

Plans and specifications may be obtained from the above office upon the deposit of \$20.00.

**Hornia**

**BIDS OPENED**

SAN FRANCISCO.—E. J. Treacy, 420 Call Bldg., at \$1,463.80 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. 149, for laying 8-inch cast iron mains in Harrison and 16th Sts., from 16th Street to Bryant St.

- Work involves:
- (1) 1180 lf. excav. and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep;
  - (2) 15 c.y. additional excavation and backfill;
  - (3) 100 sq. ft. additional pavement removal and replacement;
  - (4) 1180 lf. installing bell and spigot cast iron pipe;
  - (5) 2,250 lbs. installing fittings, gate valves, etc.;
  - (6) 200 lf. making joints for bell and spigot pipe;
  - (7) 1800 sq. ft. of asphaltic concrete repavement.

Total bids follow:  
(A) E. J. Treacy, 430 Call Building, \$1463.80.

(B) Fay Improvement Co., \$1596.90.

(C) Lowrie Paving Co., \$2203.50.

(D) San Francisco Water Dept., \$2,544.00.

**Unit prices follow:**

	(A)	(B)	(C)	(D)
(1).....	\$ 70	\$ 683	\$110	\$140
(2).....	1.00	1.00	4.00	5.40
(3).....	.25	.38	.40	.40
(4).....	.06	.065	.04	.13
(5).....	.02	.03	.03	.04
(6).....	.25	.44	.40	.30
(7).....	.24	.26	.30	.26

**BIDS WANTED**

PALO ALTO, Santa Clara Co., Cal.—Until September 7, 1:30 P. M., bids will be received by the Veteran's Administration Construction Service, Room 764, Arlington Building, Washington, D. C., under Project No. 1352, for drilling, developing and testing deep well at the Veterans Administration Facility, Palo Alto, California. Plans and specifications may be obtained at the above office or at the office of the Supervising Superintendent of Construction, Veteran's Administration Facility, Palo Alto, Cal.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**CONTRACT AWARDED**

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at \$79,657.92 was awarded contract by the San Francisco Exposition Co., 555 Bush St., for the first unit of storm sewer system on Yerba Buena Shoals.

**BIDS WANTED**

PASCOE, Franklin Co., Wash.—Until August 12, 8 p.m., bids will be received by Pasco Water Dept., D. W. McGhee, City Water Manager, for water tank and tower, with a capacity of either 500,000, 400,000 or 300,000 gallons in two different locations.

Plans and specifications may be obtained from the above office.

**TO ASK BIDS SHORTLY**

LORDSBURG, N. M.—Headman Ferguson, engineers, 319 Homebuilders Bldg., Phoenix, have completed preliminary plans for a gas distributing system for the City of Lordsburg to cost \$127,272, a PWA project, serving 300 consumers. Work will involve 40,000 ft. of piping, 2- and 4-in. diameter, and incidental work and equipment. Bids will be taken as soon as final plans have been approved by the government. Revenue bonds have been voted to cover the city's cost. Bids will be taken by the owner.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—G. E. Kerns, 1410 Cedar St., Long Beach, at \$10,775 was awarded contract by the Los Angeles Board of Public Works for central outfall sewer repairs between Van Ness Avenue and West Blvd., a cash contract. Work consists of removal from damaged arch section of shattered or dislodged brick; proper replacing of these damaged portions with new material to form thoroughly keyed 3-ring brick arch; backfilling and hand tamping of earth in all openings and cavities surrounding the arch which may be found to exist on removal of damaged area or occur incidental to reconstruction, for total length of sewer of not less than 500 ft. or more than 1000 ft.

**CONTRACT AWARDED**

PASADENA, Cal.—C. W. Johnson, 448 Valley View St., Altadena, at \$48,783 was awarded contract by Pasadena city board of directors for the construction of apparatus for treatment of sewage at Crown City ranch, consisting of secondary clarifier,

aeration chambers, bar screen, and measuring flume, including facilities for operation of equipment.

**BIDS WANTED**

FRESNO, Fresno Co., Cal.—Until August 12, 11 A. M., bids will be received by Fresno City Commission for construction of sewers for Montpelier Terrace, Caya Terrace, Terracer Gardens No. 3, Willatera Terrace and Normandie Terrace, under 1911 Act.

- Work involves:
- (1) 12-in. pipe sewer;
  - (2) 8-in. pipe sewer;
  - (3) 6-in. pipe sewer;
  - (4) manholes;
  - (5) drop manholes.
- Plans and specifications may be obtained from the above office.

**COMPLETE BIDS**

LOS ANGELES, Cal.—G. E. Kerns, 1410 Cedar St., Long Beach, at \$10,775 submitted low bid to Los Angeles board of public works for central outfall sewer repairs between Van Ness Ave. and West Blvd., a cash contract. Work consists of removal from damaged arch section of shattered or dislodged brick; proper replacing of these damaged sections with new material to form thoroughly keyed 3-ring brick arch; backfilling and hand tamping of earth in all openings and cavities surrounding the arch which may be found to exist on removal of damaged area or occur incidental to reconstruction, for total length of sewer of not less than 500 ft. nor more than 1000 ft.

- Work involves:
- (1) per sq. ft. for 3-ring brickwork in place;
  - (2) per c.y. for backfill and tamping.
- Complete bids follow:  
George E. Kerns: (1) \$3.25; (2) \$12; total, \$10,775.  
Artukovich Bros.: (1) \$3.40; (2) \$12.33; total, \$11,202.02.  
George J. Beck Co.: (1) \$6; (2) \$3.60; total, \$14,066.40.

The Contr. Engne. Co.: (1) \$6.50; (2) \$20; total, \$20,294.  
J. L. Krutz: (1) \$9.50; (2) \$4.  
Bjorling Const. Co.: (1) \$9.86; (2) \$3; total, \$22,200.16.  
L. W. Odell: (1) \$10.15; (2) \$6.50; total, \$23,924.40.  
Radich & Brown: (1) \$12; (2) \$4; total, \$27,128.

**BIDS WANTED**

SAN FRANCISCO.—Until August 18, 2:30 p.m., bids will be received by the San Francisco Dept. of Public Works, Room 351, City Hall, for the construction of a sewer in Kirkwood Avenue, between Phelps and Quint Streets. Estimated cost, \$1370.

- Work involves:
- (1) 50 lf. 12-in. VCP sewer, in place;
  - (2) 48 lf. 12-in. x 6-in. Y branches, in place;
  - (3) 2 brick manholes, complete.
- Plans and specifications may be obtained from the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10.

**BIDS WANTED**

BREMERTON, Kitsap Co., Wash.—Until August 14, 10 A. M., bids will be received by Chief Pasad, city engineer, Bremerton, for storm sewers, West Bremerton.

Work involves:

- (1) 3190 ft. 42-in. reinforced concrete pipe
- (2) 130 ft. 24-in. concrete sewer pipe
- (3) 7 manholes
- (4) 1 storm overflow.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

**SUB BIDS WANTED**

**SAN FRANCISCO, Calif.**—Anderson & Ringrose, 320 Market Street, San Francisco, are figuring plans and desire sub bids on or before 9 a.m., August 18th, on all portions of work for the construction of the Richmond Sunset Sewage Treatment Plant, for which bids will be opened August 18th, 2:30 p.m., by the San Francisco Department of Public Works, Room 251, City Hall.

**FLOOD CONTROL**

**SANTA ANA, Orange Co., Calif.**—The \$2,500,000 bond issue of Orange county to supplement the federal gift of \$12,748,000 for flood control work by the U. S. Army Engineer Corps, carried at the election July 27. The vote was 21,266 for, and 2391 against, the issue. The county contribution will be used for the purchase of right of way, clearing dam sites and reservoir areas, relocating highways and railways, and construction of channels from the existing basins.

Construction of the eight major projects involved in the program will be done under the supervision of Major Theodore Wyman, Jr., District Engineer, 751 S. Figueroa St., Los Angeles. The list with brief description of each, was printed recently, but for the benefit of those who may have renewed interest in the projects due to the favorable vote and probability of an early start on the work, the information is repeated. The individual projects are:

No. 1. Santa Ana River: Prado Dam (N of Orange County-Riverside County line—reservoir located partly in San Bernardino county and partly in Riverside county); \$4,900,000. Earth fill dam, 100 ft. high, crest width 39 ft., length 2350 ft. Upstream slope, hand placed stone paving, concrete spillway and outlet works. Other costs are: relocating 4.75 mi. railway, \$510,000; 17 miles state highway, \$65,100; 7 miles state highway, \$171,600; public utilities, \$10,000.

No. 2. Brea Creek (near Fullerton): Brea Dam, \$701,000. Earth-fill dam, 85 ft. high, crest width 15 ft., length 1250 ft. Upstream slope, hand placed stone paving, concrete spillway and outlet works.

No. 3. Carbon Canyon Creek (N of Olive), Carbon Dam, \$1,298,000. Earth-fill dam, 120 ft. high, crest width 15 ft., length 770 ft. Upstream slope, hand picked stone paving. Concrete spillway and outlet works. Relocating gas line, \$12,500; relief channel construction, \$92,450.

No. 4. San Juan Creek (NE of San Juan Capistrano), San Juan Dam, \$2,171,000. Earth-fill dam, 116 feet high, crest width 15 ft., length 2500 ft. Upstream face hand picked stone paving. Concrete spillway and outlet works.

No. 5. Arroyo Trabuco (N of San Juan Capistrano), Trabuco Dam, \$1,379,000. Earth-fill dam, 100 ft. high, crest width, 15 ft.; length, 1250 ft. Upstream slope hand picked stone paving. Concrete spillway and outlet works.

No. 6. Santiago Creek (E of El Modena and Tustin), Santiago Dam, \$1,527,000. Present dam to be raised 30 ft. Crest width, 15 ft.; length, 1450 ft. New slope and top paved. Reconstruct concrete spillway and outlet works.

No. 7. Fullerton Creek and Loftus Diversion (near City of Fullerton), Loftus Dam, \$310,000. Earth-fill dam, 45 ft. high. Crest width, 15 ft.; length, 500 ft. Upstream slope hand picked stone paving. Concrete spillways and outlet works. Relocating water line, \$11,360; conduit construc-

tion, \$114,130; protection works construction, \$17,800; relief channel construction, \$78,900.  
No. 8. Aliso Creek (NE of El Toro), Aliso Dam, \$362,000. Earth-fill dam, 80 ft. high. Crest width, 15 feet; length, 720 feet. Upstream slope hand picked stone paving. Concrete spillway and outlet works. Relocating county road, \$16,000.

Construction totals will amount to: Federal government, \$12,748,000; flood

county district, \$1,012,240.  
Estimated cost of lands, right of way, etc., flood control district, \$1,347,205.  
Incidental expenses, district, \$51,555.

Total costs, Federal government, \$12,748,000; district, \$2,500,000.

M. N. Thompson is Chief Engineer of the Orange County Flood Control District.

**SOLANO COUNTY—GRADING & PAVING—(State)**

**SOLANO CO., Calif.**—Union Paving Co., Babcock Building, San Francisco, at \$70,737.70, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with portland cement concrete and plant-mixed surfacing about eight-tenths of a mile between the Carquinez Bridge and nine-tenths of a mile north.

- Work involves:
- (1) 1,250 M. gals. water;
  - (2) 15 c.y. remove existing concrete;
  - (3) 50,500 c.y. rdwy. excav., unclass.
  - (4) 900 c.y. struc. excav.;
  - (5) 900 c.y. ditch and channel excavation;
  - (6) 9,600 c.y. imported borrow;
  - (7) 106,000 sta. yds. overhaul;
  - (8) 300 c.y. imported loam and sand
  - (9) 10,250 sq. yds. preparing sub-grade;
  - (10) 12 sta. finishing rdwy.;
  - (11) 3,400 c.y. salvaged surf.;
  - (12) 700 tons untreated crushed gravel or stone surf. detours;
  - (13) 62 tons liquid asphalt SC-1A or SC-2 roadbed seal prime coat and penetration oil treatment;
  - (14) 43 tons asph. cement, Grade E road bed seal;
  - (15) 82 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf.;
  - (16) 1,650 tons min. aggregate plant-

- mix surf.;
- (17) 10 tons liquid asphalt ROMC-4 or ROMC-5 seal coat;
- (18) 100 tons screenings seal coat;
- (19) 2,000 c.y. Class A portland cement concrete pavement;
- (20) 4,250 each pavement dowels;
- (21) 450 pavement tie bolt assemblies;
- (22) 8,500 lbs. bar relinf. steel pavement and struc.;
- (23) 19 c.y. Class A portland cement concrete struc.;
- (24) 224 lf. 8-in. CMP;
- (25) 162 lf. 18-in. CMP;
- (26) 40 lf. 24-in. CMP;
- (27) 102 lf. 16-in. CMP;
- (28) 3,160 lf. 6-in. perf. metal pipe;
- (29) 490 c.y. rock filling material;
- (30) 7 each spillway assemblies;
- (31) 55 c.y. Class A portland cement concrete curbs and gutters;
- (32) 1,600 lf. remove and reset exist. guard railing;
- (33) 1,600 lf. salvaging do;
- (34) 0.24 mile new property fence;
- (35) 0.66 mile moving and resetting property fence;
- (36) 7 each culvert markers;
- (37) 40 sq. monuments.

The state will furnish CMP perforated metal pipe and embankment protectors, etc.

Total bids follow:

(A) Union Paving Co., Babcock Bldg., San Francisco	.....	\$70,737.70
(B) Frederickson & Westbrock, Lower Lake	.....	74,978.00
(C) Bodenhamer Construction Co., Oakland	.....	75,948.50
(D) A. Teichert & Son, Inc., Sacramento	.....	77,184.90
(E) A. J. Raisch, San Francisco	.....	77,187.50
(F) Maceo Construction Co., Clearwater	.....	81,572.20
(G) Louis Bisozotti & Son, Stockton	.....	83,777.50
(H) Frederickson & Watson Constr. Co., and Fredrickson Bros., Oakland	.....	86,313.00
(I) Chas. L. Harney, San Francisco	.....	81,314.10

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	0.70	1.25	0.85	3.00	2.00	1.50	1.75	1.50	1.25
(2)	10.00	10.00	3.50	7.00	5.00	5.00	5.00	5.00	10.00
(3)	23	24	29	27	25	33	40	39	46
(4)	1.25	1.00	1.25	1.00	1.54	1.25	1.50	1.50	1.00
(5)	1.25	1.00	.75	.75	1.47	1.00	1.00	1.00	1.00
(6)	1.10	1.50	1.20	1.29	1.28	1.20	1.30	1.30	1.08
(7)	.005	.005	.005	.01	.02	.006	.01	.005	.01
(8)	2.00	3.00	.50	3.00	2.00	2.50	2.00	3.75	1.80
(9)	.07	.10	.10	.12	.14	.06	.10	.12	.09
(10)	5.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	15.00
(11)	.70	.50	.65	1.00	1.00	.75	.50	.42	.60
(12)	2.30	2.10	2.00	2.20	2.00	1.75	1.90	2.20	2.00
(13)	15.00	15.00	15.00	17.00	17.00	14.50	14.00	16.00	14.00
(14)	20.00	20.00	22.00	22.50	23.00	22.00	20.00	21.00	18.00
(15)	16.00	16.50	19.50	20.00	16.49	17.50	16.00	20.00	19.50
(16)	3.00	4.00	3.45	3.50	3.30	3.25	4.00	3.80	3.35
(17)	25.00	20.00	23.50	22.50	22.00	22.00	19.90	22.00	19.00
(18)	3.25	3.50	3.10	3.60	3.50	2.75	3.50	4.00	2.40
(19)	11.50	10.00	12.00	11.35	10.77	12.50	10.50	12.50	10.90
(20)	16	25	21	20	20	20	30	25	30
(21)	.50	.50	.40	.50	.90	1.90	.50	.75	.60
(22)	.08	.07	.08	.10	.06	.08	.07	.12	.10
(23)	30.00	25.00	25.00	30.00	20.00	30.00	24.00	30.00	30.00
(24)	.30	.25	.30	.35	.50	.25	.50	.25	.60
(25)	.40	.40	.35	.50	.65	.60	.75	.50	.95
(26)	.50	.50	.60	.75	.85	.80	.90	.70	1.25
(27)	.60	.60	.85	1.00	1.00	1.00	1.00	1.00	1.50
(28)	.20	.20	.25	.25	.25	.20	.50	.20	.50
(29)	3.50	4.00	3.35	3.50	2.50	2.75	3.25	2.60	2.00
(30)	6.00	5.00	6.00	5.00	10.00	2.00	15.00	5.00	5.00
(31)	20.00	20.00	17.00	21.00	16.00	20.00	20.00	22.00	30.00
(32)	.65	.65	.60	.50	.45	.75	.70	.60	.40
(33)	.25	.20	.17	.15	.15	.75	.20	.40	.15
(34)	1000.00	200.00	1000.00	1000.00	707.00	700.00	800.00	700.00	900.00
(35)	500.00	200.00	450.00	500.00	419.00	1000.00	800.00	300.00	375.00
(36)	3.00	5.00	3.50	3.00	3.00	4.00	6.00	3.00	3.50
(37)	3.00	5.00	3.50	3.00	3.00	4.00	4.00	3.00	3.50



# MACHINERY & MATERIAL

Big calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## TREASURY DEPARTMENT

**SAN FRANCISCO, Calif.**—Bids will be received by the U. S. Treasury Department, Room 514, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

**August 9, 10 A. M.**  
**BID NO. 4367**—1922 1/2 in. concrete pipe; f.o.b. Lodi.  
**BID NO. 4369**—80 tons of liquid asphalt, Type SC-2; f.o.b. vendor's plant or Merced.

**BID NO. 4360**—1000 bbls. of Portland cement; f.o.b. San Jose.

**BID NO. 4361**—475 cu. yd. concrete mix (wet); f.o.b. Oakland.

**BID NO. 4362**—1000 lb. steel welded pipe; f.o.b. Woodlake.  
 Specifications obtainable from the above office.

## WAR DEPARTMENT

**SACRAMENTO, Calif.**—Until Aug. 10, 3 p.m., bids will be received by Capt. Col. L. E. Chambers, District Engineer, U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for furnishing and delivering miscellaneous castings, as follows:

- 1) dredge pump outer wearing rings;
- 2) dredge pump bushings;
- 3) 2 exhaust elbows;
- 4) 4 booster pump suction mouth-pieces;
- 5) 1 booster pump impeller.

**FORT LEWIS, Wash.**—Until Aug. 2, 10 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, under QM-88-26-5, for 1200 bbls. Portland cement; f.o.b. shipping point and/or Fort Lewis, Wash.

**FORT MASON, Calif.**—Until Aug. 6, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Spec. No. CCC-89-502-8, for 66,700 lbs. sodium thiosulfate crystals; f.o.b. various CCC Camps.

## LOS ANGELES CITY

**LOS ANGELES, Cal.**—Until Aug. 3, 2 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for one "A" section of First Stage Intermediates for 17,000-kw 7-stage turbine, Spec. No. 890.

**LOS ANGELES, Cal.**—Until August 10, 10 A. M., bids will be received by Metropolitan Water District Purchasing Agent, 306 W 3rd St., Los Angeles, for welded steel tanks for use in storage transformer and switch bank at the Colorado River Aqueduct pumping plants, Spec. No. 227. Plans and specifications may be obtained from the office of the engineer, room 4007, 306 W 3rd St., Los Angeles, upon deposit of \$2, non-refundable. Certified on cashier's check, 10%, F. E. Weymouth, general manager and chief engineer. Note: This date was originally announced as August 3, whereas the correct date should be Aug. 10, as shown above.

**LOS ANGELES, Cal.**—Until August 12, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for 75 only 40-ft. and

65 only 45-ft. pressure creosoted poles for bidder's yard at Los Angeles Harbor. Spec. 2377.

## RECLAMATION BUREAU

**DENVER, Colo.**—Bids will be received by the Bureau of Reclamation, Purchasing Agent, for furnishing supplies and materials, as follows:

**August 5, 2 P. M.**  
**August 10, 2 P. M.**  
**PROPOSAL 42316-A**—Cast steel wall pin bearings, wall plates, anchor bolts and machine bolts.

**August 11, 2 P. M.**  
**PROPOSAL 28432-A**—23,500 ft. copper wire and 1600 ft. asbestos-covered fixture wire.

**DENVER, Colo.**—Until August 11, bids will be received by Bureau of Reclamation Purchasing Agent, Denver, for 23,500 ft. copper wire and 1600 ft. asbestos covered fixture wire. Prod. 38432-A.

## U. S. INDIAN SERVICE

**PHOENIX, Ariz.**—Until Sept. 21, bids will be received by the U. S. Indian Irrigation Service, Phoenix, for 160,000,000 ft. merchantable timber on the Smith Park-Horse Mesa timber unit of the Apache Indian Reservation. The timber will be cut under selective logging operations and \$10,000 cash payment and \$25,000 bond is required.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Aug. 13, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent for furnishing bus fittings and sub-station racks for pumping plants under Bid No. 85865.

**LOS ANGELES, Cal.**—Until Aug. 16, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for telephone relays for Intake, Gene, Iron Mt., Eagle Mt., and Hayfield pumping plants. Bid 87019.

**LOS ANGELES, Cal.**—Until Aug. 9, 2:30 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for 250,000 barrels (plus or minus 20%) of portland cement Spec. 228. Certified or cashier's check for \$5000 must accompany bid.

**LOS ANGELES, Cal.**—Until August 9, 3 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for 10,000 ft. of 30-inch I D slip joint 10-gauge shielded arc-welded steel pipe; alt. bid on same specs with not more than two circular openings in each 24-ft section; f.o.b. bidder's plant; certified or cashier's check 5% must accompany bid.

## NAVY DEPARTMENT

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

**SC# 1352**—Relief and reducing valves, for ocean and western yards, August 13.  
**SC# 1330**—Grinders, valve seat, vibrating, aircraft type, for eastern

and western yards, August 13.  
**SC# 1331**—12 motor driven hand shear machines, for eastern and western yards, August 10.

**SC# 1342**—150 power-driven fuel pumps, Sevall's Point, 20 cu. yd.; for San Diego, and 15 power driven fuel pumps, for eastern yards, August 13.

**SC# 1340**—2 electric food conveyors, for Mare Island, August 13.  
**SC# 1350**—22 unit type heaters, for Puget Sound, August 10.

**SC# 1349**—3,000 lbs. copper-nickel alloy tubing, for San Diego, August 17.

**SC# 1361**—Quantities of volatile mineral spirits paint thinner, for eastern and western yards, September 3.

**SC# 1360**—Quantities of dry and flashlight batteries, for eastern and western yards, Sept. 3.

**SC# 1359**—Rubber pump valves, for eastern yards and Mare Island, Sept. 2.

**SC# 1356**—Three electric arc welding sets, for Brooklyn and San Diego, August 17.

**SC# 1362**—Cyls., for eastern and western yards, Sept. 3.

## U. S. FOREST SERVICE

**SAN FRANCISCO, Calif.**—Until August 12, 2 p.m., bids will be received by the U. S. Forest Service, P. C. Erown, Procurement Officer, 1622 Phelan Bldg., San Francisco, under Bid No. 1149, for furnishing one 56-cell storage battery; f.o.b. bidder's shipping point or San-anile.  
 Specifications obtainable from the above office.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**August 9, 2 P. M.**  
**BID NO. 5053**—36 fire extinguishers; f.o.b. Government Island.

**August 10, 2 P. M.**  
**BID NO. 5057**—One lot bearing plates, anchor bolts and bridge joints; f.o.b. Oakland.

Specifications obtainable from the above office.

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## IN THIS ISSUE



Bids Sept. 9 For \$400,000  
Air Depot Job

♦ ♦ ♦

*G. Pollock Company Low on Mare Island  
Drydock*

♦ ♦ ♦

**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

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SAN FRANCISCO, CALIF., AUGUST 14, 1937

No. 30

## \$2,790,875 BID ON NAVY YARD GRAVING DOCK

Pacific Bridge Co. Second Low  
With \$2,983,000  
Proposal

WASHINGTON, D. C., Aug. 11.—George Pollock Co., P. O. Box 903, Sacramento, today submitted to the Navy Department here the lowest bid on all four proposals for construction of the new graving drydock at Mare Island Navy Yard.

The Sacramento contractor's low proposal for the complete project was \$2,790,875.

Second lowest bidder for the work complete was Pacific Bridge Co., San Francisco, at \$2,983,000. Siems-Helmets, Inc., and Johnson-Drake-Piper, Inc., Minneapolis, Minn., at \$3,044,000 submitted the third low bid.

### Reinforced Concrete

One of the largest single public contracts of the year in California, the drydock will be 700 feet long, 114 feet wide and 40 feet over all in depth. It will be of reinforced concrete construction.

The big drydock will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

It will rest on pile foundations. Work includes quay walls at the dock entrance, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, drain piping, railings, wood floor and dock fittings.

Bids received today were well within the announced estimated cost of \$3,500,000.

## HENRY C. SMITH IN NEW QUARTERS

Offices of Architect Henry C. Smith of San Francisco have been removed from 785 Market street to 3867 Sacramento street, it is announced. The new telephone number is Skyline 2808.

Secondary Northern California highways will receive approximately \$5,591,000 of the budgeted state highway funds during the current biennium.

## \$400,000 OFFICERS' QUARTERS AT DEPOT ADVERTISED; BIDS SEPT. 9

SACRAMENTO, August 11.—Bids for construction of a group of buildings to cost in the neighborhood of \$400,000 were invited here today by the office of Major Arthur W. Parker, Constructing Quartermaster for the Army's \$7,000,000 Sacramento air depot.

Proposals will be opened Sept. 9 at the air depot, it was announced.

Four separate groups of buildings, quarters for officers and non-commissioned officers to be stationed at the depot, will be constructed under the contract advertised for bids today.

### Officers' Mess

Largest of the group will be the bachelor officers' quarters and officers' mess, to cost approximately \$130,000.

Eight double non-commissioned officers' quarters, cost of which is estimated at approximately \$120,000, form the second largest group.

Four double company officers' quarters will cost about \$100,000, it is anticipated.

The fourth group comprises six field officers' quarters, including one alternate type "B" quarters, and will cost about \$85,000.

All quarters will be of reinforced concrete construction and will conform architecturally with the design for other buildings at the depot. Plans were prepared in the office of the Quartermaster General in Washington, D. C.

Contractors desiring to figure the project may obtain plans and specifications from the office of the Constructing Quartermaster at the depot upon deposit of a certified check in the amount of \$50, payable to the Treasurer of the United States.

## RADIATOR BULLETIN PUBLISHED BY ARCO

An illustrated circular, "Heat from Corto Radiators," is a recent publication of the American Radiator & Standard Sanitary Corp., 40 West Fortieth St., New York City. Punched for inclusion in a catalog file, the brochure carries photographs of several decorative installations, as well as specifications, dimensions and ratings. Copies may be obtained by writing the corporation at the above address.

## BOARD APPROVES CAHILL SUBWAY BOND PROPOSAL

San Francisco Project Placed  
On November Ballot  
By Supervisors

Utilities Manager Cahill's \$49,250,000 rapid transit bond issue proposal will appear on the November 2 ballot in San Francisco.

The Board of Supervisors yesterday, by a vote of 8 to 3, passed a resolution which placed the rapid transit subway proposal in the hands of the voters.

The action followed the defeat of Supervisor Roncovieri's resolution calling for a bond issue of \$51,000,000 to finance construction of rapid transit facilities. The \$51,000,000 figure included \$1,750,000 to aid in financing interest during construction. Supervisor Roncovieri has consistently advocated including funds for interest during construction in all bond issue proposals.

Backing Mr. Roncovieri were Supervisors Shannon and Mead, both of whom voted in the affirmative.

Those in favor of the \$49,250,000 bond issue proposal were: Supervisors Brown, Colman, McSheehy, Moad, Meyer, Ratto, Reilly, and Schmidt. Supervisors Shannon, Roncovieri and Uhl voted against the measure.

The affirmative votes by Supervisors Brown and McSheehy came as a surprise since both have voted down the resolution on previous ballots. Supervisors Shannon and Roncovieri, both members of the Board's finance committee, were pledged to vote together since both had taken a stand against excluding funds for interest during construction at meetings of the committee, it was reported.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
605	Bryan	Owner	5500
606	Coleman	Owner	1000
607	Doelger	Owner	4000
608	Gold State	Reilly	13000
609	Henne	Anderson	1000
610	Jones	Jenkins	1000
611	Peacock	Aetna	1000
612	Smalig	Petersen	4000
614	Bigelow	Grant	4250
613	Kolb	Grant	7000
614	Puccini	Giusti	1750
615	Reeves	Malloch	2000
616	Safeway	Malloch	1000
617	Todhunter	Todhunter	5000
618	Walkup	Newman	2400
619	20 Williams	Williams	3500
621	Degen	Owner	4000
622	Dreamland	Arras	12500
623	Harns	Arras	4500
624	Market	Hardy	9800
625	Texas Co	Henrietta	4000
626	Fisher	Owner	5000
627	Sala	Murer	6500
628	Smith	Owner	1200
629	Walkup	Newman	3000
630	Balboa	Empire	4000
631	Beale	Standard	7000
632-3	Jost	Corbell	5000
634-B	Meyer	Owner	4000
637	Nelson	Owner	6500
638	Niemela	Rosemont	3000
639	Richter	Owner	400
640	Chris. Science	Moore	1775
641	Domre's	Owner	3000
642	Johnson	Owner	5000
643	Machado	Owner	1000
644	Moore	Hardy	1885
645	Moore	Hardy	2760
646	Nasser	Coburn	5000
647	New Method	Pac. Tank	1185

### DWELLING

(605) NW 31ST AVE. AND CABRILLO. One-story and basement frame dwelling.  
Owner—Bryan & Feerich, 891 39th Ave.  
Architect—Albert H. Larsen, 333 Kearny St. \$5500

### ALTERATIONS

(606) 3599 JACKSON ST. Alter dwelling.  
Owner—Robert L. Coleman, Jr., Prem.  
Architect—Not Given. \$1000

### DWELLING

(607) S. ORTEGA, 105 W. 16th AVE. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

### ALTERATIONS

(608) 249 FIRST ST. Alter shop.  
Owner—Golden State and Miners Iron Works, Prem.  
Contractor—Frank J. Reilly Co., 6350 Fulton St.  
Architect—Not Given. \$13,000

### ALTERATIONS

(609) 1707 DIVISADERO. Alter store and flat.  
Owner—Mr. Henne, Prem.  
Contractor—A. C. Anderson, 4775 19th Street.  
Architect—Not Given. \$1000

### ALTERATIONS

(610) 123 YUKON ST. Alter flats.  
Owner—Mr. Jones, Prem.  
Contractor—R. Jenkins, 44 Short St.  
Architect—Not Given. \$1000

### STEEL OILING CANOPY

(611) NE 34TH AVE. & GEARY. Steel oiling canopy.

Owner—C. J. Peacock, 834 46th Ave.  
Contractor—Aetna Constr. Co., 1730 24th Ave.  
Architect—Not Given. \$1000

### DWELLING

(612) E. DOUGLAS, 102 S. 37TH AVE. One-story and basement frame dwelling.  
Owner—Victor Smalig, 240 Cheney Street.  
Contractor—G. L. Petersen, 1531 25th Ave.  
Architect—Not Given. \$4000

### FLATS

(613) N MACONDRAY Lane 46 E Jones St. Two-story and basement frame flats.  
Owner—Fred W. Kolb, Monadnock Building.  
Contractor—Grant - Martinelli Const. Co., 44 Mary St.  
Architect—Not Given. \$7,000

### ALTERATIONS

(614) 1323 34th AVE. Alter dwelling.  
Owner—G. Puccini, premises.  
Contractor—S. A. Giusti & Co., 200 Green Street.  
Architect—Not Given. \$1,750

### ALTERATIONS

(615) NW GREENWICH and Pierce Sts. Alter market.  
Owner—J. D. Reeves, 3117 Pierce St.  
Contractor—J. S. Malloch, 666 Mission Street.  
Architect—Not Given. \$2,000

### ALTERATIONS

(616) NE FILLMORE and Pine Sts. Alter market.  
Owner—Safeway Stores, 1000 Brannan Street.  
Contractor—J. S. Malloch, 666 Mission Street.  
Architect—Not Given. \$1,000

### ALTERATIONS

(617) SE COR. LAGUNA and Valjejo Sts. Alter flats.  
Owner—F. A. Todhunter, 2820 Baker.  
Contractor—Geo. C. Todhunter, 1088 Ashbury Street.  
Architect—S. O. Berg, Mills Bldg. \$5,000

### ALTERATIONS

(618) 240 SECOND ST. Alter warehouse.  
Owner—Walkup Drayage & Warehouse Co., 240 Second St.  
Contractor—C. C. Newman, 507 Brannan Street.  
Architect—Not Given. \$2,400

### DWELLING

(619) S ARBOR 223 W Conrad. One-story and basement frame dwelling.  
Owner—J. B. Williams, 3366 22nd St.  
Contractor—Williams Const. Co., 3366 22nd Street.  
Architect—Not Given. \$3,500

### DWELLING

(620) S ARBOR 248 W Conrad. One-story and basement frame dwelling.  
Owner—J. B. Williams, 3366 22nd St.  
Contractor—Williams Const. Co., 3366 22nd Street.  
Architect—Not Given. \$3,500

### ALTERATIONS

(621) 2719 GREENWICH ST. Alter flats.  
Owner—W. Degen, 1360 Lombard St.  
Architect—Fabre & Hildebrand, 110 Sutter St. \$4,000

### FACTORY

(622) 534 BAYSHORE AVE. Two-story Class C mattress factory.

Owner—Dreamland Bedding Co., 534 Bayshore Avenue.  
Contractor—Adam Arras & Son, 4008 18th Street.  
Architect—Geo. Cantrell, 325 Fremont Street.  
Engineer—H. P. Hoyt, 325 Fremont Street. \$12,500

### FACTORY

(623) W BERNICE 80 S 12th St. Two-story frame bag factory.  
Owner—Harns Bag Co, premises.  
Contractor—Adam Arras & Son, 4008 18th Street.  
Engineer—Norman B. Greene, Sharon Building. \$4,500

### ALTERATIONS

(624) 950-964-A MARKET ST. Alter store and office.  
Owner—Market-Turk Co., 243 Kearny Street.  
Contractor—A. M. Hardy, 736 Clementina Street.  
Architect—Not Given. \$9,800

### SERVICE STATION

(625) SW COR. OCEAN AVE. and Paxton. Steel service station.  
Owner—The Texas Co., Hearst Bldg.  
Contractor—V. M. Henrietta, 2929 21st Avenue.  
Architect—Not Given. \$4,000

### ALTERATIONS

(626) S O'FARRELL 60 E Jones St. Alter commercial building.  
Owner—M. Fisher & Son, 1405 Bush.  
Contractor—Not Let.  
Engineer—Alfred P. Fisher, 111 Sutter Street. \$5,000

### FLATS

(627) W VERMONT 100 N 19th St. Two - story and basement frame flats.  
Owner—A. Sala, 182 Lexington.  
Contractor—L. Murer, 1274 Quesada.  
Architect—Not Given. \$6,500

### BUILDING

(628) W NEVADA 100 S Tomkins St. One-story frame building.  
Owner and Builder—Paul Smith, 418 Nevada.  
Architect—Not Given. \$1,200

### ALTERATIONS

(629) 240 SECOND ST. Alter warehouse.  
Owner—Walkup Drayage and Warehouse Co., 240 Second St.  
Contractor—C. C. Newman, 507 Brannan Street.  
Engineer—Walter L. Huber, 1 Montgomery St. \$3,000

### ALTERATIONS

(630) 3630 BALBOA Street. Alter theatre.  
Owner—Balboa Theatre, 3630 Balboa.  
Contractor—Empire Const. Co., Ltd., Russ Building.  
Architect—Not Given. \$4,000

### FLATS

(631) NW STANYAN and Lone Mt. Terrace. Two - story and basement frame flats.  
Owner—Phillip Beale, 1500 Judah St.  
Contractor—Standard Bldg. Co., 1500 Judah Street.  
Architect—D. E. Jaekle, 126 Post St. \$7,000

### FLATS

(632) N GOLDEN GATE AVE. 250 E Willard. Three - story frame flats.  
Owner—F. Jost, 1395 Haight Street.  
Contractor—Corbell Realty Co., 1395 Haight Street.  
Architect—Not Given. \$5500

**FLATS**  
(633) N GOLDEN GATE AVE. 225  
E Willard. Three-story frame  
flats.  
Owner—F. Jost, 1395 Haight Street.  
Contractor—Gerrill Realty Co., 1395  
Haight Street.  
Architect—Not Given. \$5500

**DWELLING**  
(634) S MARIETTA DR. 230 W Re-  
posa Way. One-story and basement  
frame dwelling.  
Owner and Builder—Meyer Bros., 735  
Portola Drive.  
Architect—Not Given. \$4,000

**DWELLING**  
(635) S MARIETTA DR. 205 W Re-  
posa Way. One-story and base-  
ment frame dwelling.  
Owner and Builder—Meyer Bros., 735  
Portola Drive.  
Architect—Not Given. \$4,000

**DWELLING**  
(636) N TERESITA BLVD. 300 E  
Verna St. One-story and base-  
ment frame dwelling.  
Owner and Builder—Meyer Bros., 735  
Portola Drive.  
Architect—Not Given. \$4,000

**DWELLING**  
(638) W 19th AVE. 150 S Sloat Blv.  
One-story and basement frame  
dwelling.  
Owner and Builder—Fernando Nelson  
& Sons, 2901 19th Avenue.  
Architect—Not Given. \$6,500

**DWELLING**  
(638) NW CLOVER and Caselli Ave.  
Two-story and basement frame  
dwelling.  
Owner—J. S. Niemela, 141 Caselli.  
Contractor—L. Rosemont, 395 Ninth  
Avenue.  
Architect—Not Given. \$3,000

(639) S INNES 150 from Griffith.  
One-story and basement frame  
dwelling.  
Owner and Builder—K. W. Richter,  
1676-A Ellis St.  
Architect—Not Given. \$400

**ALTERATIONS**  
(640) 2730 19TH AVE. Alter dwell-  
ing.  
Owner—Christian Science Ben. Ass.,  
2700 18th Ave.  
Contractor—Moore & Madsen, 557  
Market St.  
Architect—H. H. Gutterson, 526 Pow-  
ell St. \$1775

**DWELLING**  
(641) W. 47TH AVE., 75 S TARA-  
VAL. One-story and basement  
frame dwelling.  
Owner—V. E. and A. H. Domreis, 87  
Beaver St.  
Architect—Not Given. \$3000

**DWELLING**  
(642) W. STANYAN, 281 N TURK  
St. Two-story and basement  
frame dwelling.  
Owner—Peter P. Johnsen, 157 Stan-  
yan St.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(643) 154 STAPLES AVE. Alter  
dwelling.  
Owner—L. A. Machado, Prem.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(644) 310 SANSOME ST. Alter of-  
fice.  
Owner—Walton N. Moore Co. Prem.  
Contractor—A. M. Hardy, 736 Clem-  
entina St.  
Architect—Not Given. \$1885

**ALTERATIONS**  
(645) 310 SANSOME ST. Alter of-  
fice.

Owner—Walton N. Moore Co., 310  
Sansome St.  
Contractor—A. M. Hardy, 736 Clem-  
entina.  
Architect—Not Given. \$2760

**ALTERATIONS**  
(646) 429 CASTRO. Alter theatre.  
Owner—Nasser Bros c/o Contractor.  
Contractor—Ira W. Coburn, 2048 Mar-  
ket St.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(647) 407 SANCHEZ ST. Alter  
Laundry.  
Owner—New Method Laundry, Prem.  
Contractor—Pacific Tank & Pipe Co.,  
400 High St., Oakland.  
Architect—Not Given. \$1185

ALAMEDA COUNTY			
No.	Owner	Contractor	Amt.
333	Gray	Nordstrom	1900
334	Hawley	Moore	8000
335	Leigh	Livingston	10000
336	Dooley	Owner	4000
337	Dowling	Owner	3750
338	Fox	Vallery	3000
339	Henry	Walstrom	24000
340	Penrose	Hoffman	2900
341	Sandlin	Courtwright	3000
342	Sproul	Waldman	2400
343	Wassman	Matheyer	3750
345	Ellades	Owner	4500
346	Hovanitz	Owner	3075
347	Scherman	Spivock	4000
348	Scherman	Spivock	4000
349	Barr	Netherby	7000
350	Lewis	Heinemann	1500
351	Ruhino	Rose	1000
352	Silshy	Ritch	1000
353	Hollis	Bradhoff	6000
354	Leitner	Owner	1000
355	Roth	Crane	9400
356	Crossetti	Ricchezza	1200
357	Jardin	Dawson	1000
358	Kreusberg	Peterson	3500
359	Montelair	Allen	9000
360	Pendleton	Vaughn	7700
361	Tisher	Johnson	3750
369	Tide Water	Lynn	11000
370	Cromio	Williams	7400
371	Hubbard	Owner	2500
372	Mortensen	Owner	4000
373	Wallin	Owner	6000
374	White	Burror	1800
362	Amer Trust	Cone	4700
363	Hahn	Dinwiddle	2450
364	Sug	Dixon	1000
365	Tobin	Yerrick	1800
366	Union	Stolte	1800
367	Washburn	Van Ness	5000

**GARAGE**  
(333) 337 HILLSIDE AVE. PIED-  
MONT Garage.  
Owner—Garry P. Gray, 837 Hillside  
Ave., Piedmont.  
Contractor—D. Nordstrom & Co., 354  
Hobart St., Oakland.  
Architect—Chester Treichel. \$1900

**ALTERATIONS**  
(334) 241 HILLSIDE AVE. PIED-  
MONT Alterations.  
Owner—I. S. Hawley, 241 Hillside  
Ave., Piedmont.  
Contractor—John J. Moore Co., 354  
Hobart St., Oakland.  
Architect—Noble and Archie New-  
son, San Francisco. \$8,000

**DWELLING**  
(335) 2354 VINE ST. BERKELEY  
Two-story 7-room frame dwell-  
ing and garage.  
Owner—W. C. Leigh, 1515 Scenic Ave.  
Contractor—Wm. Livingston and Son,  
1152 Euclid.  
Architect—E. T. Spencer, 369 Pine  
St., San Francisco. \$10,000

**DWELLING**  
(336) 4027 LYMAN ROAD. OAK-  
LAND One-story 5-room dwell-  
ing.  
Owner and Builder—Fred T. Dooley,  
400 35th Ave., Oakland.  
Architect—Not Given. \$4,000

**DWELLING**  
(337) 4659 FAIR AVE. OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—S. J. Dowling,  
2800 Clay St., Alameda.  
Architect—Not Given. \$3,750

**DWELLING**  
(338) 3324 PARTRIDGE AVENUE.  
OAKLAND. One-story five-room  
dwelling.  
Owner—W. W. Fox, 99 Oakmont Rd.,  
Piedmont.  
Contractor—H. L. Vallery, 3650 Maple  
Ave., Oakland.  
Architect—Not Given. \$3,000  
Also 1-story garage, \$500.

**DWELLING**  
(339) 28 WESTMINSTER DRIVE.  
OAKLAND. Two-story 11-room  
dwelling.  
Owner—Dr. John R. Henry, Oakland.  
Contractor—Carl Walstrom, 1447 Ex-  
celsior Ave., Oakland.  
Architect—Roger Blaine, 5574 Flor-  
ence Ave., Oakland. \$24,000

**DWELLING**  
(340) 2206 88th AVE. OAKLAND.  
One-story 4-room dwelling.  
Owner—Henry J. Penrose, 1456 83rd  
Ave., Oakland.  
Contractor—E. F. Hoffman 8141 Foot-  
hill Blvd., Oakland.  
Architect—Not Given. \$2,900

**DWELLING**  
(341) 1021 AQUARIUS WAY. OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Carl B. Sandlin, 1228 Chan-  
ning Way, Berkeley.  
Contractor—F. D. Courtwright, 349  
51st St., Oakland.  
Architect—Not Given. \$3,000  
Also garage, \$250.

**DWELLING**  
(342) 5727 ELIZABETH ST. OAK-  
LAND. One-story 3-room dwell-  
ing.  
Owner—L. Sproule, 1642 16th Ave.  
Contractor—A. E. Waldman, 5409  
Foothill Blvd., Oakland.  
Architect—Not Given. \$2,400

**DWELLING**  
(343) 1414 38th AVE. OAKLAND  
One-story 4-room dwelling.  
Owner—Mrs. H. Wassman.  
Contractor—L. B. Matheyer, 2241 E.  
22nd St., Oakland.  
Architect—Not Given. \$3,750

**DWELLING**  
(344) 1400 HOPKINS ST. BERKE-  
LEY. One-story five-room frame  
dwelling.  
Owner—B. F. Bigelow.  
Contractor—J. E. Bigelow & Sons, 150  
Ardmore Road.  
Architect—Not Given. \$4,250

**DWELLING**  
(345) 4935 SHATTUCK AVENUE.  
OAKLAND. Two-story five-room  
dwelling and store.  
Owner and Builder—Athon Ellades,  
520 49th St., Oakland.  
Architect—Not Given. \$4500

**DWELLING**  
(346) 2535 74th AVE. OAKLAND  
One-story 5-room dwelling.  
Owner and Builder—A. Hovanitz,  
2034 Ashby Ave., Berkeley.  
Architect—Not Given. \$3,075  
Also 1-story frame garage, \$230

**DWELLING**  
(347) 1574 206th AVE. OAKLAND  
One-story 5-room dwelling.  
Owner—Sol Scherman, 720 Beale St  
Contractor—W. Spivock, 514 Golden  
Gate Ave., San Francisco.  
Architect—Not Given. \$4,900

**DWELLING**  
(348) 1520 26th AVE. OAKLAND.  
One-story 5-room dwelling.

Owner—Sol Scherman, 720 Beatie St.  
Contractor—W. Spivock, 544 Golden  
Gate Ave., San Francisco.  
Architect—Not Given. \$4,000

**DWELLING**  
(349) 2333 EUNICE, BERKELEY.  
One - story 9-room frame dwell-  
ing and garage.  
Owner—F. A. Barr, San Francisco.  
Contractor—W. A. Netherby, 3 8 5 3  
Lyman Road, Oakland.  
Architect—Not Given. \$7,000

**DWELLING**  
(350) 7515 HILLSIDE ST., OAK-  
LAND. One-story 3-room dwell-  
ing.  
Owner—Winifred Lewis, premises.  
Contractor—C. J. Heinemann, 9626  
Walnut St., Oakland.  
Architect—Not Given. \$1,500

**REPAIRS**  
(351) 753 7th ST., OAKLAND. Fire  
repairs.  
Owner—Jos. Rubino.  
Contractor—A. H. Rose, 478 25th St.  
Architect—Not Given. \$1,000

**ADDITION**  
(352) 160 TAURUS AVE., OAK-  
LAND. Addition.  
Owner—Mr. Silby.  
Contractor—Jos. L. Rich, 556 37th St.  
Architect—Not Given. \$1,000

**DWELLING**  
(353) 1256 MONTEREY, BERKE-  
LEY. Two-story five-room frame  
dwelling and garage.  
Owner—H. G. Hollis, 2165 Shattuck  
Ave., Berkeley.  
Contractor—C. O. Bradhoff, 911 55th  
St., Oakland.  
Architect—Not Given. \$6,000

**ALTERATIONS**  
(354) 2542 HILGARD, BERKELEY.  
Alterations.  
Owner and Contractor—Lella Leit-  
ner, 2542 Hilgard, Berkeley.  
Architect—Not Given. \$1,000

**DWELLING**  
(355) 1604 SCENIC, BERKELEY.  
Two-story 9 - room frame dwell-  
ing and garage.  
Owner—M. W. Roth, 2355 Hilgard.  
Contractor—P. L. Crane, 1569 Spruce.  
Architect—Not Given. \$9,400

**ALTERATIONS**  
(356) 1221 CHESTNUT ST., OAK-  
LAND. Alterations.  
Owner—L. Crossetti, 721 Linden St.  
Contractor—M. Richezza, 351 Fubert  
St., Oakland.  
Architect—Not Given. \$1200

**ALTERATIONS**  
(357) 576 12th ST., OAKLAND. Al-  
terations.  
Owner—Matush Jardin, 576 12th St.  
Contractor—Lloyd S. Dawson, 1972  
Tiffin Road, Oakland.  
Architect Not Given. \$1,000

**DWELLING**  
(358) 3128 HERRIOTT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—R. Kreusberg, 744 65th St.  
Contractor—J. B. Petersen and Son,  
4023 Agua Vista Ave., Oakland.  
Architect Not Given. \$3,500

**ADDITION**  
(359) 5701 THORNHILL DR., OAK-  
LAND. Church addition.  
Owner—Montclair Free-byterian Ch.  
premises.  
Contractor—A. E. Allen, Palo Alto.  
Plans by Contractor. \$9,000

**DWELLING**  
(360) 5949 ESTATES DRIVE, OAK-  
LAND. Two-story 7-room dwell-  
ing

Owner—C. T. Pendleton, 1404 Frank-  
lin St., Oakland.  
Contractor—W. T. Vaughn, 103 Bayo  
Vista Ave., Oakland.  
Architect—Not Given. \$7,700  
Also 1-story garage, \$300.

**DWELLING**  
(361) 2342 WASHWOOD AVENUE,  
OAKLAND. One-story five-room  
dwelling.  
Owner—C. R. Tisher, 6127 Foothill  
Blvd., Oakland.  
Contractor—E. Johnson, 450 Oakes  
Blvd., San Leandro.  
Architect—Not Given. \$3,750  
Also 1-story garage, \$200.

**ALTERATIONS**  
(362) 1308-10-12 BROADWAY, OAK-  
LAND. Alterations.  
Owner—American Trust Co., Prem.  
Contractor—Wilbur C. Cone, 608 16th  
St.  
Architect—E. T. Foulkes, 357 12th  
St. \$4700

**ALTERATIONS**  
(363) 132 FRANKLIN STREET,  
OAKLAND. Alterations.  
Owner—Hahn & Co., Prem.  
Contractor—Dinwiddie Constr. Co.,  
210 Crocker Bldg., San Francisco.  
Architect—Not Given. \$2450

**ALTERATIONS**  
(364) 433 HADDON ROAD, OAK-  
LAND. Alterations.  
Owner—M. Salt, Prem.  
Contractor—Dixon & Roth, 1844 5th  
Ave.  
Architect—Not Given. \$1000

**ADDITION**  
(365) 353 35TH ST., OAKLAND. Ad-  
dition.  
Owner—I. D. Tobin, Prem.  
Contractor—A. J. Yerrick, 5263 Col-  
lege Ave.  
Architect—Not Given. \$1800

**SERVICE STATION**  
(366) 500 FRANKLIN ST., OAK-  
LAND. Service Station.  
Owner—Union Oil Co., Mills Tower,  
San Francisco.  
Contractor—F. C. Stoitte, 1405 San  
Antonio St.  
Plans by Owner. \$1800

**DWELLING**  
(367) 4463 DAVENPORT, OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner—T. D. Washburn, Oakland.  
Contractor—Gene B. Van Ness, 4331  
Masterson St.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(368) 2029 CHANNING WAY, BER-  
KELEY. Alterations.  
Owner and Contractor—Langendorf  
Bakeries, premises.  
Architect—Not Given. \$1700

**SERVICE STATION**  
(369) 2446 COLLEGE AVE., BER-  
KELEY. Reconstruct service sta-  
tion.  
Owner—Tide Water Associated Oil  
Co., 79 New Montgomery St., San  
Francisco.  
Contractor—Willis F. Lynn, 1037 Ash-  
mount Ave., Berkeley.  
Architect—V. G. Ranev, 233 Post St.,  
San Francisco. \$11,000

**STORE & APTS.**  
(370) 5477-579-581-583 SAN PABLO  
AVE., OAKLAND. Two-story 1-  
room store and apartments.  
Owner—Filippoi Cottronio, 1131 59th  
St., Oakland.  
Contractor—L. E. Williams 3645 Grove  
St., Oakland.  
Architect—Not Given. \$7,400

**DWELLING**  
(371)- 821 MOUNTAIN BLVD., OAK-

LAND. One-story 5-room dwell-  
ing  
Owner and Builder—J. F. Hubbard,  
3412 Proctor Ave., Oakland.  
Architect—Not Given. \$3,500

**DWELLING**  
(372) 3652 FOREST HILL AVENUE,  
OAKLAND. One-story five-room  
room dwelling.  
Owner and Contractor—Paul Morten-  
sen, 2417 Palmetto St., Oakland.  
Architect—Not Given. \$4,000

**DWELLING**  
(373) 5277 HARBORD DRIVE, OAK-  
LAND. Two-story 7-room dwell-  
ing.  
Owner & Contractor—F. Wallin, 7529  
Outlook Ave., Oakland.  
Architect—Not Given. \$6,000

**ALTERATIONS**  
(374) 981 VERMONT ST., OAK-  
LAND. Alterations and addition.  
Owner—Mr. J. White, 647 Boulevard  
Way, Oakland.  
Contractor—Burrer Termitte & Main-  
tenance Co., 3514 Broadway.  
Architect—Not Given. \$1,500

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
143	Briggett	Miller	2960
Nr	Owner	Contractor	Am't.
144	Meeker	Meeker	6000
145	Armanio	Truffelli	5674
146	Wittkop	Schuetz	6900
147	Cassou	Erickson	11388

**ADDITION**  
(143) SW FAXON and Ocean Ave.  
One-story Class C garage addition.  
Owner—E. B. Briggett, c/o Miramar  
Garage  
Architect—Not Given.  
Contractor—Miller & McGillis, 4444  
Geary Blvd.  
Filed, Aug. 5, '37. Dated, May 18, '37.  
Payments not given.  
TOTAL COST, \$2960.00

**DWELLING**  
(144) LOT 20 BLK 18, Forest Hill.  
Two-story and basement frame  
dwelling.  
Owner—Sheldon E. and Armida M.  
Meeker.  
Architect—Not Given.  
Contractor—W. J. Meeker.  
Filed, Aug. 6, '37. Dated, Aug. 3, '37.  
Frame up ..... \$1500  
Brown coated ..... 1500  
Completed ..... 1500  
Usual 35 days ..... 1500  
TOTAL COST, \$6,000.00  
Limit, 100 days. Plans and specifi-  
cations filed.

**ALTERATIONS**  
(145) 18 17th ST. 150 W Dolores St.  
Alterations and addition to two-  
story and basement frame  
dwellings.  
Owner—John Armanio.  
Architect—Andrew H. Knoll, Hearst  
Building.  
Contractor—Fraccia & Truffelli.  
Filed, Dated, Aug. 4, 1937.  
Structural steel up ..... \$2000.00  
Completed ..... 2255.50  
Usual 35 days ..... 1418.50  
TOTAL COST, \$5,674.00  
Bond, \$5674. Sureties, Nicola Dentoni  
and Joe Fertiger. Limit, 60 days.  
Plans and specifications filed.

**DWELLING**  
(146) W TENTH AVE. 118 N Pa-  
cheo. One-story and basement  
frame dwelling.  
Owner—Donald and Brra A. Wittkop.  
Architect—F. W. Dakin.  
Contractor—Schuetz Const. Co.  
Filed, Aug. 6, '37. Dated, July 12, '37.  
Contract signed ..... \$ 675.00



Frame up .....	1558.00
Brown coated .....	1556.00
Completed .....	1556.00
Usual 35 days .....	1557.00
<b>TOTAL COST, \$2000.00</b>	

**ADDITION**  
 (147) NE CARL and Willard Sts.  
 Three-story and basement frame addition to apartment house.  
 Owner—Constant Cassou.  
 Architect—Fabre & Hildebrand.  
 Contractor—Henry Erickson.  
 Filed, Aug. 10, '37. Dated, Aug. 2, '37.  
 Frame .....

Frame .....	\$2,847.00
Rough coat plaster .....	2,847.00
Completion .....	2,847.00
Usual 35 days .....	2,847.50
<b>TOTAL COST, \$11,388.50</b>	

Bond, \$5,695. Sureties, Osear Olsen and Chas. Monson, Portland, \$10 per day. Limit, 120 days. Plans and specifications filed.

**BUILDING CONTRACTS**  
 ALAMEDA COUNTY

No. Owner	Contractor	Amt.
97 Guerin	Cone	4750
96 Wassmann	Mathewer	394
98 Central Bank	Sueell	1370

**RESIDENCE**  
 (96) E SIDE 38th AVE. NE 14th St., Oakland. Residence.  
 Owner—Fredericke Wassmann.  
 Architect—Not Given.  
 Contractor—S. B. Mathewer.  
 Filed, Aug. 6, '37. Dated, July 27, '37.  
 7 days after commence work 20%  
 Roof on .....

Roof on .....	20%
Brown plastered .....	20%
Completed .....	20%
Usual 35 days after .....	20%
<b>TOTAL COST, \$3994.00</b>	

Limit, 120 days. Spec. filed.

**ALTERATIONS**  
 (97) 1308-12 BROADWAY, Oakland.

Alterations.  
 Owner—Mary E. Guerin, Carmelita Glenn, Helen Glenn, Desener.  
 Architect—Edw. T. Foulkes, Oakland.  
 Contractor—Wilbur C. Cone.  
 Filed, Aug. 9, '37. Dated, Aug. 4, '37.  
 6th day each month .....

6th day each month .....	75%
Usual 35 days .....	25%
<b>TOTAL COST, \$4750.00</b>	

Bond, \$1760. Sureties, Massachusetts Bonding Co. Limit, 40 days. Plans and specifications filed.

**ALTERATIONS**  
 (98) 1432 HARRISON ST. OAKLAND. Alterations.

Owner—Central Bank of Oakland.  
 Contractor—D. J. Sueell.  
 Filed Aug. 10, 1937.  
 Completion .....

Completion .....	\$1100
Usual 35 days .....	\$270.50
<b>TOTAL COST, \$1370.50</b>	

Bond, \$1370.50. Surety, Amer. Surety Co. of New York. Limit, 14 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS**

FENCE, \$200; S. Fulton, 125 E Octavia; owner, Nellie McBride, 2210 Polk St.  
 ALTER flats, \$100; 2946-48 Greenwich St.; owner, T. Tomassin, Prem.  
 BUILD BOARD, \$13; NE 19th and Noriega; owner, Foster & Kleiser Co., 1675 Eddy St.  
 ALTER dwelling, \$30; 2042 Stockton St.; owner, Joe Cresci, c/o 228 Francisco St.; contractor, Tony Orlando, 228 Francisco St.  
 ALTER garage, \$50; 228 Davis St.; owner, Chas. Bartlett, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 BUILD BOARD, \$7; S. Sutter, 189 W. Webster; owner, Foster & Kleiser Co., 1675 Eddy St.  
 BILLBOARD, \$7 S. California, 100 E

Steiner; owner, Foster & Kleiser Co., 1675 Eddy St.  
 ALTER dwelling, \$250; 1465 Oakland Ave.; owner, R. Rovetto, Prem.  
 ALTER dwelling, \$300; 1789 91st Ave.; owner, Lawrence Fredline, Prem.  
 ALTER dwelling, \$100; 3240 Gough; owner, J. R. Impey, premises; contractor, J. F. Linder, 617 Moraga.  
 ALTER laundry and flat, \$550, 1977 Pine St.; owner, Mr. Lille, 1977 Pine St.; contractor, J. R. Bourdieu, 2625 20th St.  
 SIGN, electric, \$75; 855 Kearny St.; owner, Henry Won, prem.; contractor, Standard Neon Mfg. Co., 154 Turk St.  
 ALTER restaurant, \$300; 524 Broadway; owner, H. E. Esposto, 5033 3rd St.  
 SIGN, electric, \$500, 55 3rd St.; owner, R. E. Elliott, premises; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER flats, \$150, 1661 Leavenworth St.; owner, A. Casterlotti, 452 Vallejo St.; contractor, L. Murer 1274 Quensada.  
 SIGN, electric, \$200; 3767 Balboa St.; owner, Babble Club, prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.  
 SIGN, electric, \$200; 55 3rd St.; owner, R. E. Elliott, prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER store, \$4290-32-34 15th St.; owner, W. R. McCullough, 4911 18th St.  
 ALTER office and store, \$500; 879 Market St.; owner, Flood Realty Co., 570 Market St.  
 ALTER dwelling, \$300.00; 1616 16th Ave.; owner, D. De Vries, prem.  
 SIGN, electric, \$175; 1112 Taraval; owner, Bell Cleaners, premises, contractor, Novelty Elec. Sign Co. Ltd., 119 Larkin St.  
 ALTER dwelling, \$185; 222 5th Ave.; owner, J. Jensen, premises.  
 ALTER dwelling, \$500, 633 Arkansas St.; owner, Anna Knez, Prem.; contractor, John Scaraboo, 740 Wisconsin St.  
 SIGN, electric, \$90; 2196 Fell Street; owner, Shell Oil Station No. 400, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 SIGN, electric, \$100; 627 Post Street; owner, Buffet Cigar Store, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 SIGN, electric, \$500, 777 Market St.; owner, Alexander Rubin Co. Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER office, \$200; 45 Second St.; owner, Pacific School of Religion, 1 Berkeley.

**ALAMEDA COUNTY PERMITS**

SIGN, electric, \$200, 523 13th Street, Oakland; owner, G. J. Burns, contractor, Brumfield Elec. Sign Co., 965 Folsom St., S. F.  
 SIGN, roof, \$18, 6833 E 14th St., Oakland; owner and contractor, H. Fox, premises.  
 GARAGE 1-story frame, \$115; 1630 33rd Ave., Oakland; owner and contractor, B. J. Cecil.  
 ALTERATIONS \$100.00, 2900 Seminary Ave., Oakland; owner, A. Halber; contractor, E. T. Leiter Sons 511 37th St.  
 RE-ROOF, \$65, 1527 8th St., Oakland; owner, Geo. Penko, prem.; contractor, Hogan Bldg & Roof Co., 2002 Foothill Blvd.  
 RE-ROOF, \$124, 611 Hillgart Circle, Oakland; owner, E. M. Frazee, premises; contractor, Hogan Bldg & Roof Co., 2002 Foothill Blvd.  
 RE-ROOF, \$170, 5123 Market St., Oakland; owner, Mrs. K. A. Dornott, premises; contractor, Ho-

gan Bldg & Roof Co., 2002 Foothill Blvd.  
 OFFICE, 1-story, \$25, 75 106th Ave., owner and contractor, F. G. Kutz, 908 Glanada Ave.  
 CHIMNEY, patent, \$25; 2200 Seminary Ave., Oakland; owner, E. Harton; contractor, Dunn Sheet Metal Works, 610 E 14th St.  
 RE-ROOF, \$135; 809 42nd St., Oakland; owner, Mrs. Neff, 813 42nd St.; contractor, Brown Roofing Co., 1820 Snattuck Ave.  
 RE-ROOFING, \$500; 1428-38 Market St., Oakland; owner, Colwell, Central & Banker's Financial Center Bldg. S. R.; contractor, Phoenix-Sumpton, 526 6th Street, San Francisco.  
 GARAGE, 1-story, \$250; 5353 Wentworth Ave., Oakland; owner, J. Peruginio, premises; contractor, H. E. Scott, 340 Ardley Ave.  
 RE-ROOFING, \$258; 276 Perkins St., Oakland; owner, D. E. Harris, 56 Hazel Lane, Piedmont; contractor, Globe Roofing Co., 624 Haight Ave., Alameda.  
 GARAGE, 1-story frame, \$90; 3710 Suter St., Oakland; owner and contractor, David Walton.  
 GARAGE, 1-story frame, \$160; 415 61st St., Oakland; owner and contractor, H. E. Tupper, 455 McAuley St.  
 GARAGE 1-story frame, \$150; 3061 Wisconsin St., Oakland; owner and contractor, L. F. Luthmann.  
 ADDITION \$690, 524 Forest Street, Oakland; owner, H. A. Johnson; contractor, A. Sungren, 2334 Curtis St., Berkeley.  
 ALTERATIONS, \$500; 1200-02 14th St., Oakland; owner, J. Cimices, 1208 14th Street; contractor, A. Smith, 2627 Capp St.  
 ALTERATIONS, \$107; 1248 Ashby, Berkeley; owner, C. Pierce, premises; contractor, Sun Roofing Co., 2018 Blossom St., Oakland.  
 SIGN, roof, \$50, 7302 Foothill Blvd., Oakland; owner and contractor, J. Simpson, prem.; also harber job, \$20.  
 SIGN, roof, \$388.00, \$3.00; 901 East 11th St., Oakland; owner and contractor, M. Alexander, Prem.; also a both sign, \$88.00, \$3.  
 BUILD BOARD, \$150; 6520 Foothill Blvd., Oakland; owner and contractor, A. J. Hughes, Prem.  
 SIGN, metal, \$25, 1533 Hopkins St., Oakland; owner and contractor, Marcus Bros, Prem.  
 ALTERATIONS, \$900, 2745 25th Avenue, Oakland; owner, M. K. Murray, Prem.; contractor, Carl Walcott, 1117 Eschler Ave.  
 ALTERATIONS, \$270, 877 Kennedy St., Oakland; owner and contractor, W. J. Bepko, Prem.  
 ALTERATIONS, \$700, 3253 Wentworth Ave., Oakland; owner, J. Peruginio, Prem.; contractor, H. E. Scott, 340 Ardley Ave.  
 ALTERATIONS, \$900, 1074 Pacific St., Oakland; owner and contractor, F. B. Deane, 1674 Pacific St.  
 ALTERATIONS, \$80, 672 15th St., Oakland; owner, Mr. Penator, L. & E. Garage, 19th and Grove; contractor, T. J. Garvey, 4520 Highland Dr.  
 ALTERATIONS, \$700, 4027 Hopkins St., Oakland; owner and contractor, F. B. Deane, 2667 Rose Walk, Berkeley.  
 SIGN, roof, \$100, 4000, \$100, 6570 E 14th Blvd., Oakland; owner and contractor, A. J. Hughes, Prem.  
 ALTERATIONS, \$750, 3110 Grand Ave., Oakland; owner and contractor, F. B. Deane, 1674 Pacific St.  
 ALTERATIONS, \$100, 1207, 1207, Oakland; owner and contractor, F. B. Deane, 1674 Pacific St.  
 ALTERATIONS, \$500, 2500 W. 14th St., Oakland; owner and contractor, W. B. MacDermid, Prem.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                |                                |
|--------------------------------|--------------------------------|
| 1—Apartments                   | 11—Ice and Cold Storage Plants |
| 2—Bands                        | 12—Power Plants                |
| 3—Churches                     | 13—Public Buildings            |
| 4—Factories and Warehouses     | 14—Fire Houses and Tails       |
| 5—Flats                        | 15—Residences                  |
| 6—Garages and Service Stations | 16—Banks, Stores and Lods      |
| 7—Federal Buildings            | 17—Theatres                    |
| 8—Club Buildings               | 18—Wharves & Docks             |
| 9—Hospitals                    | 19—Misc. Const.                |
| 10—Hotels                      | 20—Misc. Supplies & Etc.       |

### 1—APARTMENTS

Architect Taking Segregated Bids  
APARTMENTS Cost, \$.....  
SAN FRANCISCO

Two-story frame and stucco apartment house (four apts.)  
Owner—Jacobson & Spiegel, c/o architect.

Architect—Wm. J. Garren, 233 Post St.  
Mr. Garren is taking segregated bids until August 12.  
(2998) \* 1

### SEGREGATED BIDS BEING TAKEN.

BEVERLY HILLS, Los Angeles Co., Calif.—Architect Clarence J. Smith, 309 S. Orlando St., Los Angeles, is taking segregated bids for the construction of a two-story 8-unit apt. building at 153 S. Camden Drive, Beverly Hills, for E. C. Warner. Cost \$10,000. 1

Contract Awarded  
APARTMENTS Cost, \$8,000

OAKLAND, Alameda Co., Cal. 5877-79-81-83 San Pablo Ave.

Two-story apartment and store bldg. (11 rooms).

Owner—Filippa Cottrolo, 1131 59th St.

Architect—Not Given.  
Contractor—L. E. Williams, 3645 Grove St.

### 3—CHURCHES

Preparing Working Drawings  
CHURCH Cost, \$.....

WEST BERKELEY, Alameda Co., Calif.

New frame church to seat approximately 190.

Owner—Withheld.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans will be completed about the middle of August.

Preparing Working Drawings  
CHURCH Cost, \$.....

OAKLAND, Alameda Co., Calif., nr. 96th Ave.

New frame church to seat approximately 190.

Owner—Withheld.

Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans will be completed about the middle of August.

Planned  
CHURCH Cost, \$25,000

CHICO Butte Co., Calif. Seventh St

New office to seat approx. 400

Owner—Seventh-Day Adventists.

Architect—Not Given

Contract Awarded  
CHURCH Cost, \$9,500

OAKLAND, Alameda Co., Cal 5701

Thornhill Drive.

Church building.

Owner—Montclair Presbyterian Ch., 5701 Thornhill Drive, Oakland.

Architect—Not Given.

Contractor—Alton B. Allen, 1015 Standard Ave., Palo Alto.

Preparing Working Drawings  
ALTERATIONS & ADDITIONS Cost, \$.....

EAST OAKLAND, Alameda Co., Cal.

Thermal and 89th Ave.

Addition of classroom and alteration of heating system.

Owner—Church of Jesus Christ of Latter-Day Saints.

Architect—Theodore Ruegg, 251 Kearny St., San Francisco.

Upon completion of plans segregated bids will be taken by the owners.

### 4—FACTORIES & WAREHOUSES

Bids In—Held Under Advisement  
ADDITION Cost, \$.....

SAN FRANCISCO. 534 Bayshore Blvd.

Two-story reinforced concrete warehouse (100 x 100 ft.), addition to existing building.

Owner—Dreamland Bedding Co. (P. Spagnoli, owner).

Architect—Geo. M. Cantrell, 325 Fremont Street.

Structural Engineer—H. P. Hoyt, 325 Fremont St.

Announcement shortly.

Contract Awarded  
ALTER SHOP Cost, \$13,500

SAN FRANCISCO. 249 First St.

Alter shop.

Owner—Golden State & Miners Iron Works, 249 First St.

Architect—Not Given.

Contractor—Frank J. Reilly Co., 6350 Fulton St.

CONTRACT AWARDED

LOS ANGELES, Calif.—W. E. Robertson, 1103 S. La Brea Ave., awarded contract for additions to factory at 6200 Avalon Blvd. for Harvey Machine Co. W. F. Ruck, architect, 940 S. Figueroa St.

Contract Awarded  
ADDITION Cost, \$12,500

SAN FRANCISCO. 534 Bayshore Blvd.

Two-story reinforced concrete warehouse (100 x 100 ft.), addition to existing building.

Owner—Dreamland Bedding Co. (P. Spagnoli, owner).

Architect—Geo. M. Cantrell, 325 Fremont Street.

Structural Engineer—H. P. Hoyt, 325 Fremont St.

Contractor—Adam Arras & Son, 4005 14th Street.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Calif.—Wesco Construction Co., 2000 Hyperion Ave., Los Angeles, awarded contract for construction of a 6-story reinf. conc. storage bldg. (50 x 103 ft.) at 217 S. Beverly Dr., Beverly Hills, for Fred Mason; F. E. Stanbery, structural engineer, 1584 W. Washington Blvd., Los Angeles. Cost, \$80,000

Preparing Working Drawings

LOS ANGELES, Calif.—Architects Marsh, Smith & Powell, 508 Archibald Bldg., have been authorized to

prepare working drawings for the construction of the first unit of the new Goodwill plant, a three-story industrial building to be built on San Fernando Road, south of the Santa Fe tracks, for Goodwill Industries. It will be of reinforced concrete construction with steel sash, concrete floors; estimated cost, \$150,000. Three additional units, a transportation building, administration building and chapel and welfare unit are contemplated for later. Total cost of the four units will be approximately \$600,000. \*

### CONTEMPLATED

LONG BEACH, Cal.—Proctor and Gamble Mfg. Co., 1601 W. 7th Street, Long Beach, contemplate the construction of factory additions to double present facilities. An engineer has been commissioned to prepare plans. The estimated cost is \$1,000,000.

Contract Awarded  
ALTER WAREHOUSE Cost, \$.....

SAN FRANCISCO. 444 Townsend Street.

Alterations to warehouse.

Owner—Western States Grocery Co., 422 2nd St.

Engineer—W. Adrian, 417 Market St.

Contractor—W. C. Tait, 883 Market St.

Contract Awarded  
WAREHOUSE ADDITION Cost, \$4,200

OAKLAND, Alameda Co., Calif. West end of Seventh St.

Second-story frame addition (19x203 ft.) to present one-story pier warehouse.

Owner—Abers Bros. Milling Co., west end of 7th St. (Mr. Kelner, Supt.).

Plans by Eng. Dept. of Owner.

Contractor—Wilbur C. Cone, 608 16th St., Oakland.

Sub Contracts Awarded  
PLANT ADDITION Cost, \$11,200

OAKLAND, Alameda Co., Calif. 956 61st St.

One-story brick and concrete addition to plant.

Owner—Ralph N. Brodie Co., 61st & Lowell Sts.

Architect—Not Given.

Contractor—The Austin Co., 1001 Ray Blvd.

Roofing—General Roofing Co., 3985 Beach St., Oakland.

Plumbing—R. D. Feary, 1075 40th St., Oakland.

Electric Wiring—Pacific Electric Motor Co., 10th and Oak Sts., Oakland.

Sheet Metal—East Bay Sheet Metal, 1101 Market St., Oakland.

Glass—P. J. Fuller Glass Co., 2052 Market St., San Francisco.

Iron Grille Work—Independent Iron Works 821 Pine St., Oakland.

Grading—Joe Catucci, 1212 18th Ave., Oakland.

Lumber—E. K. Wood Lumber Co., Frederick & King Sts., Oakland.

Mill Work—Pacific Mfg. Co., Santa Clara.

Hardware—Maxwell Hardware Co., 1326 Washington St., Oakland.

Concrete—Transit Concrete, Ltd., 2500 Peralta St., Oakland.

Planned  
SOUTH GATE, Los Angeles Co., Calif.—Armstrong Cork Co., Lancaster, Pa. This week announced plans for a \$1,000,000 plant to be built on a site near South Gate. The company's Los Angeles sales offices are located at 1206 Maple Ave.

## LOW BIDDER

SANTA MONICA, Los Angeles Co., Cal.—Brook & Clark, 107 N Larchmont Blvd., Los Angeles, submitted low bid to Douglas Aircraft Company at approximately \$35,000 for construction of floors, footings and retaining walls for final assembly unit to be built at the company's plant, 3040 Ocean Park Blvd., Santa Monica. The unit will cover an area of 200x200 ft. and will have a 5-inch concrete floor on the ground. Edward C. and Ellis W. Taylor, architects and engineers, 903 W 3rd St., Los Angeles.

## 5—FLATS

Plans Completed  
FLATS Cost, \$.....  
SAN FRANCISCO Jefferson Street, near Baker Street.  
Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
Owner—Withheld.  
Architect—Richard J. Neutra, 251 Kearny St.

Bids will be asked within a few days.

Plans Completed  
FLATS Cost, \$.....  
SAN FRANCISCO Jefferson St., near Baker St.  
Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
Owner—Withheld.  
Architect—Richard J. Neutra, 251 Kearny St.

Bids will be asked within a few days.

Low Bidder Cost, \$.....  
TUCUMCUM, San Joaquin Co., Calif.  
Two-story frame flat building (4- and 5-room flats), two fireplaces, gas furnaces, tile and linoleum baths, hardwood floors, wood sash, wood shingle roof.  
Owner—Withheld.  
Architect—Victor Galbraith, 221 East Acacia St. Stockton.

Low Bidder—R. G. Polson, 1426 N. Pershing St. Stockton.

Bids are being held under advisement. Announcement shortly.

Contract Awarded  
FLATS Cost, \$7,000  
SAN FRANCISCO W. Vermont 100 N 19th St.  
Two-story and basement frame and stucco flat bldg.  
Owner—A. Sala, 152 Lexington St.  
Architect—Not Given.  
Contractor—L. Murer, 1274 Quesada Street.

Contract Awarded  
FLATS Cost, \$6,000 each  
SAN FRANCISCO N. Golden Gate Blvd. 250 and 225 ft. E. of Willard St.  
Two 3-story frame flat buildings.  
Owner—Frost, c/o Contractor.  
Architect—Not Given.  
Contractor—Corbell Realty Co., 1395 Haight St.

## 6—GARAGES &amp; SERVICE STATIONS

Bids Rejected  
COUNTY GARAGE Est. Cost, \$45,000  
OAKLAND, Alameda Co., Calif. S 15th Street between Jackson and Mission Streets.  
New one-story steel and reinforced concrete county garage building.  
Owner—County of Alameda.  
Architects—Henry A. Minton, Underwood Bldg., San Francisco, and Carl Werner, 1303 Bay St., Ala-

meda.  
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Complete bids follow:  
D. Nordstrom & Co., Builders' Exchange, Oakland ..... \$59,995  
D. W. Nicholson, Oakland ..... 61,325  
Carl N. Swanson Co., San Jose 62,233  
G. J. Maurer Co., Piedmont ..... 63,420  
J. F. Tulloch, Oakland ..... 64,029  
Geo. Swanson, Oakland ..... 66,456  
A. Nelson, Inc., S. F. ..... 65,593  
Geo. Petersen, San Leandro ..... 68,000  
E. T. Leiter & Sons, Oakland, 68,887  
All bids were rejected as too high.

Contract Awarded  
REMODEL SERVICE STATION Cost, \$11,000  
BERKELEY, Alameda Co., Calif. 2416 College Ave.  
Remodel gasoline service station.  
Owner—Tide Water Associated Oil Co., 79 New Montgomery St., San Francisco.  
Architect—Vincent G. Raney, 233 Post St., San Francisco.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Berkeley.

## 7—FEDERAL BUILDINGS

Bids Opened  
DUPLEX COTTAGES Cost, \$.....  
KENNETH DAM, Calif. 9 miles N. of Redding, Shasta Co., Government Camp at Kennett Dam, Central Valley Project.  
Twenty-seven duplex cottages (approximately 61x34 ft. each); may be prefabricated or built in place; building board exterior wall covering and composition shingle roofing; Spec. 709.

Owner—U. S. Govt., Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Sts., Sacramento.

Bids were taken as follows:  
(1) 2000 cu common excav.;  
(2) 100 cu rock excav.;  
(3) Lump sum, constructing twenty-seven Type 1 duplex cottages, complete, according to plans and specifications, except excavation;  
(4) Total bid  
Low Bidder John E. Branagh, 116 Monticello Ave., Piedmont—\$90,000.

Complete bids follow:  
John E. Branagh, Piedmont—(1) \$1,000, (2) \$500, (3) \$47,500, (4) \$90,000  
J. Piaszek & J. H. Schnyder, San Francisco—(1) \$1,000, (2) \$3,000, (3) \$4,995, (4) \$94,995  
Meyer Constr. Co., San Francisco—(1) \$0.50, (2) \$2.50, (3) \$94,100, (4) \$95,950  
W. K. Van Bokkelen, Oakland—(1) \$0.50, (2) \$0.60, (3) \$101,871, (4) \$104,071  
Trenchard, Shields & Elsher, Fresno—(1) \$0.60, (2) \$14.00, (3) \$107,400, (4) \$104,500 (deducted \$5,500 by wire).

L. E. Dixon Co., L. A.—(1) \$1.00, (2) \$3, (3) \$102,527, (4) \$104,827  
N. A. Anderson, L. A.—(1) \$0.70, (2) \$13.60, (3) \$105,100, (4) \$107,800  
S. Nelson, Inc. S. F.—(1) \$0.90, (2) \$3.00, (3) \$109,475 (deducted \$1,500 by wire)

Azavedo Constr. Co., Sacramento—(1) \$1.50, (2) \$5.00, (3) \$107,000, (4) \$110,500

W. J. Givens & Kellander, Portland—(1) \$1.92, (2) \$5.00, (3) \$107,000, (4) \$113,250

Guy E. Hall, Los Angeles—(1) \$1.00, (2) \$5.00, (3) \$109,136, (4) \$111,626

Peters & Hollingsworth, Los Angeles—(1) \$1.50, (2) \$12.00, (3) \$109,990, (4) \$114,190

American Builders, Inc., Seattle—(1) \$0.70, (2) \$5.00, (3) \$113,215, (4) \$114,315

W. J. Givens & Selmer, Inc.—(1) \$0.50, (2) \$5.50, (3) \$120,000, (4) \$125,550

W. J. Givens, Fresno—(1) \$2.00, (2) \$20.00, (3) \$123,352, (4) \$129,352.

## BIDS OPENED

LODI, San Joaquin Co., Calif.—J. F. Eckler, 17 W Poplar St., Stockton at \$366.75 submitted low bid to the Procurement Division, Washington, D. C., for painting exterior concrete at the U. S. P. O., Lodi.

Complete bids follow:  
J. F. Eckler, Stockton ..... \$366.75  
Hayes-Lurbin, Stockton ..... 485.00  
Pacific Painting & Decorating Co., Oakland ..... 498.50  
C. E. Smith, Lodi ..... 530.00

## BIDS OPENED

SANTA CLARA, Calif.—Chamberlin Metal Weatherstrip Co., Inc., Detroit, Mich., at \$571, submitted low bid to the Procurement Division, Washington, D. C., for insect screens, in the U. S. Post Office at Santa Clara.

Complete bids follow:  
Chamberlin Metal Weatherstrip Co., Inc., Detroit ..... \$571  
The Robbins Mfg. Co., Chicago ..... 734  
Geo. Steel Products Corp., Chicago ..... 798

## Bids Opened

OFFICE BLDG. Cost, \$.....  
KENNETT DAM, Calif. Nine miles N. of Redding, Government Camp at Kennett Dam, Central Valley Project

Office building (45x102-ft.) concrete basement and vault, wood siding exterior composition, shingle roofing and wallboard interior. Spec. 948 D.

Owner—U. S. Govt., Bureau of Reclamation, 206 Old Post Office Bldg., 7th and W Streets, Sacramento.

Low Bidder—N. A. Anderson, 111 W 7th St., Los Angeles, \$12,200.

Bids were taken as follows:  
(1) 650 cu common excavation;  
(2) 75 cu rock excavation;  
(3) 135 cu concrete;  
(4) 150 ft. constructing foundation drains;  
(5) Lump sum, constructing one office building, type 3, complete, according to specifications except excavation, concrete and foundation drains.

(6) Total bid.  
Complete bids follow:  
N. A. Anderson, Los Angeles: (1) \$70, (2) \$16, (3) \$14, (4) \$60, (5) \$84, (6) \$12,200.

Eay & Christoferson, San Bernardino: (1) \$1, (2) \$2, (3) \$12, (4) \$1, (5) \$13,290, (6) \$15,860.

A. Nelson, Inc., San Francisco: (1) \$90, (2) \$3, (3) \$13, (4) \$1, (5) \$13,637, (6) \$16,352.

W. J. Shalz, Chico: (1) \$1, (2) \$12.50, (3) \$13.50, (4) \$1.50, (5) \$14,875, (6) \$18,750.

J. P. Brennan, Redding: (1) \$1.25, (2) \$1, (3) \$21, (4) \$1.60, (5) \$15,300, (6) \$19,487.

Guy E. Hall, Los Angeles: (1) \$1, (2) \$7, (3) \$24, (4) \$1, (5) \$14,926, (6) \$19,491.

## BIDS OPENED

SANTA BARBARA, Calif.—The E. F. Houserman Co., 6509 Grant Ave., Cleveland, Ohio, at \$2,970, submitted low bid to the Procurement Division, Washington, D. C., for metal counters, gates, partitions, etc., in the U. S. Post Office at Santa Barbara. Only other bid submitted by A. J. Bayer Co., Los Angeles, at \$1,390.

## CORRECTION IN CONTRACTOR'S ADDRESS

KENNETT DAM, Calif. N. A. Anderson, 111 W 7th St., Los Angeles, at \$12,200 submitted low bid to the U. S. Bureau of Reclamation August 7 for two dormitories and 46 residences at Kennett Dam 9 miles N. of Redding, Shasta Co., Government

## Camp, Central Valley Project.

Mr. Anderson's address was previously reported in error as 4307 Van Buren Place, Los Angeles.

## Late Bid Opened

**DORMITORIES, ETC.**  
KENNETT DAM, Calif. 9 Miles N. of Redding, Shasta Co. Government Camp, Kennett Dam, Central Valley Project.

Two 2-story dormitories (44x90 ft. each), three 6-room residences, two 5-room residences, fifteen 4-room residences, fourteen 3-room residences, and twelve 2-room residences; all buildings will have wood siding over sheathing, composition shingle roofing and wallboard interior. Spec. No. 712.

Bids were taken as follows:

- (1) 1,200 c.y. common excav.;
- (2) 120 c.y. rock excav.;
- (3) 130 c.y. of concrete in foundations;
- (4) 40 c.y. concrete in floors;
- (5) 320 lf. constructing foundation drains;
- (6) Lump sum, constructing 2 temporary dormitories, Type 1, complete, except for excavation, concrete and foundation drains.
- SCHEDULE 2—Residences**
- (7) 1,200 c.y. common excav.;
- (8) 120 c.y. concrete in foundations;
- (9) 35 c.y. concrete in foundations;
- (10) Lump sum, constructing three 6-room residences, Type 3, complete except excavation and concrete;
- (11) Lump sum, constructing two 5-room residences, Type 5, complete except excavation and concrete;
- (12) Lump sum, constructing fifteen 4-room residences, Type 5, complete except excavation and concrete;
- (13) Lump sum, constructing fourteen 3-room residences, Type 4, complete except excavation and concrete;
- (14) Lump sum, constructing twelve 2-room residences, Type 3, complete except excavation and concrete.

**ART BINDER—L. E. Dixon Co.**, 406 S. Grand Ave., Los Angeles—(1) \$1.00, (2) \$9.00, (3) \$15.00, (4) \$15.00, (5) \$0.50, (6) \$14.45, (7) \$1.00, (8) \$3.00, (9) \$18.00, (10) \$10.516, (11) \$5.792, (12) \$35.308, (13) \$29,018, (14) \$22,211 Total Sched. 2, \$105,038. Combined totals Sched. 1 and 2, \$149,825. 7

## LOW BIDDERS

**SAN FRANCISCO—R. P. Paoli Co.**, 2530 Lombard St., at \$2.870 submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

The three low bidders follow:  
R. P. Paoli Co. S. F. \$2,870  
W. G. Thompson, S. F. 3,035  
Patterson Bros., Berkeley, 3,036

Bids Wanted—To Close Sept. 9,

2 P. M.

**OFFICERS QTRS, ETC.** Cost, \$...  
SACRAMENTO COUNTY, Cal. Army Air Depot, nr North Sacramento.

Eight double non-commissioned officers' quarters (est. cost \$120,000); four double company officers' quarters (Est. cost, \$100,000); six field officers' quarters, including one alternate type "B" quarters (est. cost \$85,000) and one bachelor officers' quarters and officers' mess (est. cost, \$130,000); all of reinforced concrete construction.

Owner—U. S. Government (Maj. A. W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).

Plans prepared by the Office of the Quartermaster General, Wash-

ington, D. C.

Plans and specifications may be obtained from the office of the Constructing Quartermaster upon deposit of \$50. Certified check made payable to the Treasurer of the United States required as deposit.

## 8—CLUB BUILDINGS

Contract Awarded

**ALTER HALL** Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif.  
Santa Clara Street.

Alter Moose Hall

Owner—Withheld.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
Contractor—George Thorpe, 1080 S. Seventh St., San Jose.

Plans Accepted

**CLUB HOUSE** Est. Cost, \$10,000  
SANTA CRUZ, Calif. Mission St.  
Club house containing auditorium, stage, lounge, kitchen, storage space, etc.

Owner—Santa Cruz Woman's Club (Mrs. Geo. P. Butler, Chairman).  
Architect—C. J. Ryland, Carmel and Monterey.

Construction is planned for the near future.

## 9—HOSPITALS

PLANS COMPLETED

**SAN DIEGO, Calif.**—Architect F. W. Stevenson, 409 Spreckels Bldg., San Diego, completed plans for a women's infirmary to be built at new tuberculosis hospital at Vauclain Home for County of San Diego. Other buildings to be erected include an administration building and men's infirmary building; cost, approximately \$200,000. Application made for aid in financing to PWA. Cost of women's infirmary estimated at \$72,000.

CONTRACT AWARDED

**SAN DIEGO, Calif.**—R. A. Jackson, 929 W. Juniper St., San Diego, awarded contract for a 2-story reinforced addition to Rees Stealy Clinic Bldg. at Fourth and Grape Streets, San Diego. Plans prepared by Architect Louis J. Gill, 32 Sefton Bldg., San Diego.

Completing Plans

**CULINARY BUILDING, ETC.** Cost, \$20,000

**AHWAHNEE, Madera Co., Calif.** Tri-County Tubercular Sanatorium.

One-story and basement concrete culinary department building, concrete floors, asbestos shingle roof, steel sash, wire glass, all metal doors, linoleum floor finish, metal lath and plaster ceilings, etc., also frame office bldg., wood shakes, all wood trim, linoleum floors, plastered walls.

Owner—Madera, Stanislaus and Merced Counties.

Architect—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco.

Plans will be completed and bids asked about the middle of August.

## 10—HOTELS

CONTRACT AWARDED

**SAN DIEGO, Cal.**—Walter Trepte, 631 9th Ave., San Diego, awarded the contract for remodeling a three-story masonry hotel and store building in San Diego for Garretson Investment Co. Plans were prepared by Architect Frank L. Hope, Jr., 1008 San Diego Trust & Savings Bldg., San Diego.

Plans Being Figured

**MONTREY PARK, Los Angeles Co., Calif.**—Until Aug. 11, Architect I. E. Loveless, 102 S. Robertson Blvd., Beverly Hills, is taking bids for a

one-story frame and stucco addition (40x60 ft.) to the Garfield Hospital in Monterey Park.

## PREPARING PRELIMINARY PLANS

**LOS ANGELES, Calif.**—Architects Plummer, Wurdeman & Becket, 1400 Pacific Finance Bldg., are preparing preliminary plans for a two-story and basement frame and stucco 150-room hotel (200x200-ft.) to be built in the Wilshire district for a client. 10

## 13—PUBLIC BUILDINGS FIRE HOUSES &amp; JAILS

CONTRACT AWARDED

**OAKLAND, Ala. Co., Calif.**—Albert J. Kiss, 5400 E. Imperial Highway South Gate, at \$5,999 awarded contract by the Oakland City Council for wrecking and removing the old post office building at Broadway and 17th Streets, Oakland.

Preparing Plans

**ADDITIONS** Est. Cost, \$41,389  
SAN RAFAEL, Marin Co., Calif.

Improvements and additions at the County Farm; two-story and past one-story concrete and stucco employees' quarters, hospital quarters and dining room, with tile floor; superintendent's cottage, laundry building addition; remodel old supt.'s cottage into nurses' quarters and remodel old dining room into new men's ward. Owner—County of Marin.  
Architect—N. W. Sexton, deYoung Bldg., San Francisco.

After meeting of the Board of Supervisors August 9, further announcement will be made.

Bids Wanted—To Close August 18, 3 P. M.

**FRAMING EAST TOWERS**

Cost, \$.....  
YERBA BUENA SHOALS, Cal. Site of the 1939 World's Fair.  
Framing work in connection with East Towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.  
Plans by San Francisco Bay Architectural Commission, 585 Bush Street.

Plans and specifications may be obtained at 585 Bush St., upon deposit of \$20. Bids will be opened at the same office.

Bids Opened

**MEMORIAL BLDG.** Cost, \$.....  
FOETOLA, Pumas Co., Calif.

Veterans' Memorial Bldg.  
Owner—County of Pumas.  
Architect—Not Given.  
Low Bidder—Howard Ross, Box 941, Nevada City—\$25,149.

Complete bids follow:

Howard Ross, Nevada City.....\$25,149  
J. C. Gentry, Ltd., Chico.....26,990  
Shalz Const. Co., Ltd., Chico.....26,990  
W. K. Van Bokkelen, Oakland, 33,347

Bids are being held under advertisement until Aug. 10th, when announcement will be made.

CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Brans & Kuhn Co., 1917 Bryant St., at \$2,644, awarded contract by the Department of Public Works, City Hall, for general construction of alterations to Room 479, City Hall.

Plans Being Prepared

**REMODEL AUDITORIUM** Cost, \$10,000  
VISALIA, Tulare Co., Calif.

Remodel brick and frame exterior, redecorate exterior and interior, remodel stage, acoustical treatment in Auditorium.  
Owner—City of Visalia, City Hall, Visalia.

Architect—David H. Horn, Fresno.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Aug. 31, 2 p.m., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, for alterations to the ninth floor of the Hall of Records for the Dept. of Budget and Research. Work consists of removing and constructing partitions, railings, gates, new trim, etc. Separate contracts will be let later on carpets, linoleum, radiators, electric clocks, and moving court furniture. R. E. Shover, County Mechanical Engineer; Mame B. Beatty, Clerk of the Board.

**Bids Wanted—To Close August 23, 10 A. M.**

LIBRARY Cost, \$.....  
CARMICHAEL, Sacramento Co., Cal. County library.

Owner—County of Sacramento.  
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of \$5.00.

**CONTRACT AWARDED**

SAN FRANCISCO.—Frank J. Reilly Co., 6350 Fulton St., at \$4,831, awarded contract by the San Francisco Public Utilities Commission, City Hall, for alterations to the sixth floor of the San Francisco Department Bldg., at 425 Mason St. Complete bids published July 29.

**RIDS WANTED**

SACRAMENTO, Calif.—Until Aug. 19, 8:15 p.m., bids will be received by the City of Sacramento, at the office of the City Clerk, H. G. Denton, City Hall, 1 St., bet. 9th and 10th Sts., for moving and reconstruction of house numbered 2001 42nd St., SE Cor. 42nd and 5th Ave., to Lot 9, "Strawberry Hill," on westerly side of 43rd St., 200 ft. north of 5th Ave.

**RIDS WANTED**

SAN FRANCISCO.—Until Aug. 18, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing acousti-Celotex 12x12 in. tiles on entire ceiling area of Room 205, Health Center Bldg., an area of approximately 15 ft. 9 in. x 17 ft. 10 in., and down side walls from ceiling to top of picture mold.

Specifications may be obtained from the office of R. A. Chisholm, Superintendent of Public Bldgs., 484 11th Street.

**BIDS OPENED**

SAN FRANCISCO.—Lacquer Floor Service Co., 1309 Palou Avenue, and Jones Supply Corp., 424 St. for \$42.50, submitted identical bids to the Department of Public Works, City Hall, for cleaning and painting approx. 96 yards of linoleum at the Main Library, Civic Center.

**RIDS WANTED**

SANTA PAULA, Ventura Co., Cal.—Until Sept. 7, new bids will be received by the Santa Paula city council for the construction of a city jail in Santa Paula, with or without a police station. Alternate bids will be taken for different types of construction. The jail will contain two tanks and two small cells. Robt. S. Raymond, architect, Box 545 Santa Paula.

**BIDS WANTED**

HUNTINGTON BEACH, Orange Co., Cal.—Until Aug. 23, 7:40 P. M., bids will be received by the Huntington Beach City Council, C. R. Furr, clerk for construction of a recreation bldg. in Lake Park. Plans and specifications on file at the office of city clerk and city treasurer. 13

**Bids Wanted—To Close September 7, 2 P. M.**

BOILER Cost, \$.....  
TALMAGE, Mendocino Co., Calif. State Hospital.  
Erection and completion of a new 300-hp. W.T. boiler in the boiler plant, complete with foundations, burner, breeching, piping and other appurtenances required for complete installation.

Owner—State of California.  
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Plans and specifications obtainable from the office of the state architect upon deposit of \$10, returnable.

**Plans Completed**

FIRE STATION Est. Cost, \$40,000  
PETALUMA, Sooloma Co., Calif. E. side of Third St., near D St.

New fire station.  
Owner—City of Petaluma.  
Architect—Brainerd Jones, 226 Washington St., Petaluma.

The City of Petaluma voted bonds in the amount of \$40,000, proceeds to finance construction of fire house. Announcement will be made following next meeting of the City Council, scheduled to take place August 16th.

**CONTRACT AWARDED**

TULUMNE CO., Cal.—S. C. Giles, 121 W. Kooles Way, Stockton, at \$73,684, awarded contract by the San Francisco Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 170, for construction of cottages and appurtenant structures at Moccasin and Priest. Complete bids published August 5, 1937.

**BIDS OPENED**

WATSONVILLE, Santa Cruz Co., Calif. Following bids were received by the City of Watsonville, M. M. Swisher, City Clerk, 268 Main St., and referred to the Building Committee, for placing a new roof on the City Hall Building:  
Hammond Lumber Co., Watsonville, (a) \$74  
Central Roofing Co., Modesto—(a) (b) \$855.  
J. G. Kolz, Salinas—(a) \$608; (b) \$692

**Contract Awarded**

JAIL Cont. Pr., \$14,797  
WATSONVILLE, Santa Cruz Co. One-story reinforced concrete jail building (3 offices, 5 cells), concrete roof over cell portico and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.  
Owner—City of Watsonville.  
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Contractor—Friend & Resh, 300 Stanford St., Watsonville.  
Complete bids follow:  
Friend & Resh, Watsonville, \$14,797  
Lewis & Clark, Oakland ..... 16,771  
P. T. Wallstrom, Watsonville, 16,960

**BIDS OPENED**

SAN FRANCISCO.—Adam Arras & Son, 4065 18th St., at \$3,313, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for installing freight elevator in the Veterans' Bldg., Civic Center.  
Complete bids follow:  
Adam Arras & Son \$3,313  
F. I. Reilly Co. 4,331  
Barrett & Hulp 4,975

**BIDS OPENED**

SAN FRANCISCO.—Atlas Elevator Co., 24 Harriet St., at \$11,240, submitted low bid to the Dept. of Public Works, City Hall, for installing a new passenger elevator in the Civic Auditorium.  
Complete bids follow:

Atlas Elevator Co. \$11,240  
Westinghouse Elec. Elevator Co. 12,281  
Pacific Elev. & Equip. Co. 13,075  
Otis Elevator Co. 13,350

**NOT OPENED**

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at \$71, submitted only bid to the Dept. of Public Works, City Hall, for overhaul armature and commutator and true up shaft bearings on elevator motor; furnish and install spare armature to maintain elevator in service while repairs are being made, at the Hall of Justice.

**14—RESIDENCES**

Sub Contracts Awarded  
ADDITION Cost, \$35,000  
MOUNTAIN VIEW, Santa Clara Co., Calif. St. Joseph's College.

One-story and basement reinforced concrete kitchen and help's dining room addition to seminary; steel and wood sash brick facing, maple floors, copper cornices, composition roof, heavy wood trusses, metal lath and plaster.

Owner—Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
Architect—J. J. Foley, 770 5th Ave., San Francisco.

General Contractor—E. Nommensen, 515 S. 17th St., San Jose.

Roofing—Calk Roofing Co., 72 N. Fourth St.

Plumbing & Heating—A. J. Peters & Son, 455 Washington St.

Glass—Cohlbiedrick-Kihbe Glass Co., Washington and Third Streets, Oakland.

Brick and Stone Work—Frank Filben, 1110 Martin Ave.

Lumber—Selling Lumber Co., Mountain View.

Mill Work—Seuth City Lumber & Supply Co.

Concrete—Miholovich & Zeklich, 835 Munder Ave., Sunnyvale.

Steel—San Jose Steel Co., 1344 The Alameda.

All of San Jose, unless otherwise noted.

Contract Awarded  
RESIDENCE Cost, \$10,600  
BENEFIT, Alameda Co., Cal. 2354 Vine St.

Two-story frame and stucco residence (7 rooms), and garage.  
Owner—W. C. Leigh, 1515 Seaside Ave.

Architect—E. T. Spencer, 369 Pine St., San Francisco.

Contractor—Wm. Livingston & Son, 1152 Euclid Ave.

Contract Awarded  
AT FIER RESIDENCE Cost, \$8,500  
PESQUERA, Alameda Co., Calif. 241 Hillside Ave.

Alterations to residence.  
Owner—I. S. Hawley, 241 Hillside Ave.

Architect—Noble & Archie Newsom, Russ Bldg., San Francisco.  
Contractor—John J. Moore Co., 354 H-shart St., Oakland.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—L. A. LeFevre, 4916 Ben Ave., North Hollywood, awarded contract for construction of a one- and part two-story Class B convent building to be built on Ohio and Sulby Aves. for the Parish of Saint Paul the Apostle, Henry Carlton Newman, A. A. 502 Architects' Bldg., Los Angeles.

Bids In—Held Under Advise ment  
RESIDENCE Cost, \$.....  
MILLBRAE, San Mateo Co., Calif. One-story frame, 4 1/2 baths, residence, garage, hand and foot, and the bath, etc.

Owner—M. Schwager, architect.

**Walter W. W. Wurster, 260 California St., San Francisco.**

**Plans Completed.**  
RESIDENCE. Cost, \$8,000  
BURLINGAME, San Mateo Co., Cal.  
One-story frame and stucco and  
brick veneer residence, seven  
rooms, hardwood floors, wood  
shake roof, tile baths, air condi-  
tioning furnace.

Owner—J. L. Doffer, c/o contractor  
Architect—D. E. Jackie, 126 Post St.,  
San Francisco.  
Contractor—Hammer and Tosch Co.,  
1000 Burlingame St., Burlingame.

**To Be Done By Day's Work**  
RESIDENCE. Cost, \$6,000  
SAN FRANCISCO, NW 31st Ave and  
Cabrillo Street

One-story and basement frame and  
stucco residence.  
Owner and Builder—Bryan & Feer-  
rich, 591 39th Avenue.  
Architect—A. H. Larsen, 352 Kearny.

**Bids Rejected**  
RESIDENCE. Cost, \$.....  
SAN FRANCISCO, Belgrade Avenue  
near Shrader Street.

Two-story frame and stucco resi-  
dence (shingle tile roof, linoleum  
baths, wood work, hot air heating  
system with air filter and fan,  
hardwood floors.

Owner—J. Maxwell McVean, c/o archi-  
tect.

Architect—Raymond W. Jeans, 241  
Kearny Street.  
Bids exceeded estimated cost and  
were rejected and work has been  
temporarily postponed.

**Low Bidder.** Cost, \$.....  
RESIDENCE. Cost, \$.....  
OAKLAND, Alameda Co., Calif.

Two-story frame and stucco resi-  
dence.  
Owner—Withheld.  
Architect—Fred Bremer, 233 Post St.,  
San Francisco.  
Low Bidder—J. P. Armstrong, 1121  
Fleet Road, Oakland.

**Plans Being Figured—To Close Au-  
gust 16, 12 Noon**

RESIDENCE. Cost, \$.....  
SAN FRANCISCO, Francisco Hts.,  
Beaumont Ave.

Two-story frame and stucco resi-  
dence, 6 rooms, 2 baths, wood  
and composition shingle roof,  
hardwood floors, tile baths.

Owner—T. A. Johnson, Architect,  
1000 Beach St., Sausalito, 35 Vi-  
ctoria St., San Francisco.  
Plans to be figured, and by the fol-  
lowing interested contractors:  
B. J. & J. J. Green, 759 24th Ave.,  
San Francisco; J. G. Wilson St.,  
San Francisco; J. Taylor St.,  
San Francisco.

**Contract Awarded**  
RESIDENCE. Cost, \$.....  
BURLINGAME, HILLS, San Mateo  
Co., Calif.

One-story frame and stucco resi-  
dence, 6 rooms, hardwood floors,  
tile roof, tile bathrooms, etc.  
Contractor—J. J. Jones, 1254 Burlin-  
game Ave., Burlingame.

Owner—Marie Corbett, 72 Third  
Ave., San Mateo.  
Contractor—Herman T. Holscher, 325  
Pine St., San Mateo.

**Plans Being Figured.** Cost, \$6,000  
RESIDENCE. Cost, \$.....  
SAN FRANCISCO, 1st St. and 1st St.,  
San Francisco.

One-story frame and stucco resi-  
dence.  
Owner—J. J. Jones, 1254 Burlin-  
game Ave., Burlingame.  
Architect—J. J. Jones, 111  
California St., Burlingame.

**Contract Awarded.** Cost, \$22,000  
RESIDENCE. Cost, \$.....  
SAN FRANCISCO, 1st St. and 1st St.,  
San Francisco.

One-story frame and stucco resi-  
dence.  
Owner—J. J. Jones, 1254 Burlin-  
game Ave., Burlingame.

Two-story frame and stucco resi-  
dence, 10 rooms, 4 baths, shingle  
roof, hardwood floors, tile baths,  
etc.

Owner—MacDonald residence.  
Architect—Kenneth Macdonald, 3205  
Avalon Blvd., Los Angeles.  
Supervising Architect—Ed. Musson  
Sharpe, 111 Sutter St., San Fran-  
cisco.  
Contractor—MacDonald Constr. Co.

**Bids In—Held Under Advertisment**  
RESIDENCE. Cost, \$10,000-\$11,000  
SAN FRANCISCO, St. Francis Wood.

Two-story frame and stucco resi-  
dence.  
Owner—Withheld.  
Architect—Miller & Warnecke, 1700  
Emmerson Center Bldg., Oakland.  
Announcement shortly.

**Contract Awarded**  
RESIDENCE. Cost, \$8,000  
OAKLAND, Alameda Co., Calif. 5919  
Estates Drive.

Two-story frame and stucco resi-  
dence (2 rooms).  
Owner—C. T. Pendleton, 1404 Frank-  
lin St., Oakland.  
Architect—Not Given.  
Contractor—W. T. Vaughn, 103 Bayo  
Vista Ave., Oakland.

**Sub Contracts Awarded**  
APARTMENT. Cost, \$12,000  
SAN FRANCISCO, Calif. Center portion  
of Lot 28, Bk. E., Dartmouth.

Pre-story frame apartment house.  
Owner—Fred C. Cookley, Burlingame.  
Architect—Wm. J. Garren, 233 Post  
St., San Francisco.

Contractor—Albert E. Magnusen, 320  
Cypress St., San Bruno.

Roofing—Fillman Roofing Co., 100  
Bismark St., San Francisco.  
Electric Wiring—San Bruno Electric  
Co., 721 San Bruno Ave., San Ma-  
teco.

Heating—Atlas Heating & Ventilat-  
ing Co., 557 4th St., San Fran-  
cisco.

Lumber—McElroy Lumber Co., 235  
Bayshore Blvd., San Mateo.  
M.H. Work—Electric Planning Mill, 545  
S. Montic St., Stockton.

**Contract Awarded**  
RESIDENCE. Cost, \$9,500  
BERKELEY, Alameda Co., Cal. 1604  
Tenth Way.

Two-story frame and stucco resi-  
dence, 9 rooms.  
Owner—M. W. Roth, 2355 Hulgard St.,  
Berkeley.  
Architect—Not Given.  
Contractor—P. S. Crane, 1569 Spruce  
St., Berkeley.

**Bids Rejected**  
RESIDENCE. Cost, \$10,000-\$11,000  
SAN FRANCISCO, St. Francis Wood.

Two-story frame and stucco resi-  
dence.

Owner—Withheld.  
Architect—Miller & Warnecke, 1700  
Emmerson Center Bldg., Oakland.  
Announcement shortly.

Plans are being revised and new  
advertisment will be asked shortly.

**To Be Done By Day's Work**  
RESIDENCE. Cost, \$7,000  
SAN FRANCISCO, W 19th Ave., 150  
H. S. Scott Blvd.

One-story and basement frame resi-  
dence.  
Owner—Builder—Fernando Nelson  
Contractor—J. J. Jones, 2901 19th Ave.  
Contractor—Not Given.

**To Be Done By Day's Work**  
RESIDENCE. Cost, \$9,000 each  
SAN FRANCISCO, Santa Clara Co., Calif.

Two-story frame and stucco resi-  
dence.  
Owner—Builder—C. R. Janssen, 529  
California St., San Francisco.  
Architect—D. E. Jackie, 126 Post St.,  
San Francisco.

**To Be Done By Day's Work**  
RESIDENCE. Cost, \$15,250  
PALO ALTO, Santa Clara Co., Calif.

150 Pitman Ave.  
Two-story frame and stucco resi-  
dence and garage.  
Owner & Builder—E. P. Erwen, 339  
Conley Ave.  
Architect—Farr & Ward, 68 Post St.,  
San Francisco.

## 15—SCHOOLS

**Bids Wanted—To Close August 27,  
8 P. M.**

GYMNASIUM. Cost, \$70,000  
DAVIS, Yolo County, Calif.

New gymnasium building to replace  
one destroyed by fire last New  
Years. To include two laboratory  
rooms, combination band room  
and stage, gym, locker rooms,  
shower rooms, etc., and three-  
classroom wing addition to main  
school building.

Owner—Davis Joint Union High Sch.  
District (Homer H. Cornick, prin-  
cipal).

Architect—Starks & Flanders, Bank  
of America Bldg., Sacramento.  
A proposal to issue \$50,000 in bonds  
carried at a special election May 25.  
The bond money will supplement  
\$29,000 in insurance to complete fin-  
ancing.

Plans and specifications obtainable  
from the architect's office upon de-  
posit of \$20.00.

It was reported in error August 11,  
that these bids would close Aug. 17.

**Contract Awarded**  
ADDITIONS, ETC. Cont. Pr., \$1,447  
MODESTO, Stanislaus Co., Cal. Mod-  
esto Junior College.

Construction of partitions in the old  
Library Room on top floor NE  
side of Modesto Junior College  
North Building.

Owner—Modesto City School Board  
of Education (E. D. Abbott, Sec-  
retary).

Architect—John J. Donovan, 950 Par-  
ker St., Berkeley.

Contractor—D. H. Gibbons, 1726 9th  
St., Modesto.

One other bid submitted by Jarvis  
Bros., Modesto, at \$1,465.

**Bids Wanted—To Close August 23,  
8 P. M.**

ADDITION. Cost, \$.....  
CITY OF OAKLAND, Calif.

One-story concrete addition (three  
classrooms) to the Lincoln Gram-  
mar School; composition roof.  
Owner—Lincoln Elementary School  
District.

Architect—W. D. Coates, Rowell  
Bldg., Fresno.

Plans and specifications may be  
obtained from the architect's office.

**BIDS WANTED**  
FRESNO, Calif.—Until August 26,  
5 p.m., bids will be received by the  
Fresno City School District, L. L.  
Smith, Secretary, for furnishing and  
installing 65 key safety hand holes  
caps on both ends of Heine boilers  
number 1 and 2; furnishing all nec-  
essary tools for installing and re-  
moving key caps at Polytechnic High  
School.

**BIDS OPENED**  
SAN FRANCISCO—Frank Groves  
Co., 383 Brannan St., at \$550, submit-  
ted only bid to the Dept. of Public  
Works City Hall, for furnishing and  
installing 65 key safety hand holes  
caps on both ends of Heine boilers  
number 1 and 2; furnishing all nec-  
essary tools for installing and re-  
moving key caps at Polytechnic High  
School.

**CONTRACT AWARDED**  
SAN FRANCISCO—Ocean Shore  
Iron Works, 550 8th St., at \$120,  
awarded contract by the Department  
of Public Works, Room 251, City  
Hall, for welding two three-sixteen-  
inch steel rings on inside of boiler

heads and furnish two 4-in. by 6-in. hand-hole plates with guards, bolts and gaskets at High School of Commerce, Van Ness Avenue and Hayes St.

#### BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 24, 11:35 a. m., bids will be received by the Pasadena Board of Education for moving a portion of the primary building from the Longfellow elementary school site to the Madison school site at the NE corner of Madison Avenue and Ashtabula Street, Pasadena. Plans and specifications may be obtained at 320 E. Walnut Street, Pasadena, upon deposit of \$5.

#### BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 24, 11 a. m., bids will be received by the Pasadena Board of Education for demolishing the Madison primary building at 545 Ashtabula St., Pasadena, and part of the Longfellow primary building at 1965 E. Washington St., Pasadena. Plans and specifications may be obtained at 320 E. Walnut St., Pasadena, upon deposit of \$5.

#### To Be Done By Day's Work

RESIDENCE Cost, \$9,500  
SAN FRANCISCO, W Stanyan St.  
281 N Turk St.

Two - story and basement frame and stucco residence.

Owner and Builder—Feder P Johnson, 157 Stanyan Street.  
Architect—Not Given.

#### PLANS APPROVED

TULARE COUNTY, Cal.—Architect C. A. Beale, 1914 S. Vermont Ave., Los Angeles, has prepared plans for alterations and an addition to a school building in Ivanhoe, Tulare County, for the Ivanhoe School District. Work will include changes to the existing brick building and a one-story classroom, reinforced concrete addition. Plans have been approved by the state architect and the owner will advertise for bids within a few days.

#### CONTRACT AWARDED

STARBUCK, Ariz.—P. W. Womack, 1906 W. Roosevelt, Phoenix, awarded contract for construction of fifty 5-room dwellings in new townsite of Starbu, near Morenci, Ariz., for the Phelps-Dodge Corp. Cost, estimated at \$100,000. Work will include streets, curbs, lights, water and sewer system. D. M. Duback, Phoenix, awarded contract for a frame and stucco 9-unit building to house women school teachers.

#### Sub Contracts Awarded

RADIATION LABORATORY  
Cost, \$100,000  
UNIVERSITY OF CALIFORNIA  
CAMPUS, Berkeley, Alameda Co., Calif.

One - story reinforced concrete radiation laboratory (60x140 ft.) with provision for two additional stories, steel roof trusses.

Owner—Regents of the University of California.

Architect—Harry A. Thomsen, successor to George W. Kelham, 315 Montgomery St., San Francisco.  
Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.  
Structural Steel—Western Iron Works, 111 Beale St.

Plumbing & Heating—James H. Pinkerton Co., 927 Howard St.  
Electric Wiring—Central Electric Co., 179 Minna St.

Plans Completed  
SCHOOL ADDN Est. Cost, \$13,000  
NEW SACRAMENTO, Calif. Sylvan Grammar School.  
Three-room frame and brick veneer addition to school, electric heat-

ing system, shingle roof.  
Owner—Sylvan Elementary School District.

Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
Engineer—F. W. Kelberg, 320 Market St., San Francisco.  
Plans are now awaiting approval at the State Division of Architecture.

Preparing Plans  
ASSEMBLY HALL Est. Cost, \$30,000  
TOLTLAND, Sacramento Co., Calif.  
One-story frame and stucco assembly building, with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.

Owner—Courtland Joint Union High School District  
Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
Engineer—F. W. Kelberg, 320 Market St., San Francisco.

Preparing Plans  
SCHOOL Est. Cost, \$60,000  
One-story frame school building (12 classrooms) and assembly hall, concrete foundation, shingle roof  
Owner—Loyalton School District.  
Architect—W. E. Coffman, Forum Bldg., Sacramento.  
Engineer—F. W. Kelberg, 320 Market St., San Francisco.  
Plans will be completed in about one month.

Completing Plans  
SCHOOL ADDITION Cost, \$30,000  
SALINAS, Monterey Co., Calif.  
One-story frame and stucco addition to the Sherwood School (six classrooms).  
Owner—Salinas City School District.  
Architect—Charles E. Butner, 7 Winham St.  
Engineer—F. W. Kelberg, 320 Market St., San Francisco.

Contract Awarded  
ADDITIONS Contract Pr., \$55,555  
KERN CO., Calif. Shafter and McFarland.

Additions to Shafter and McFarland High Schools and Central High School. Plans for Shafter High Sch. Owner—Kern County Union High School Dist., C. F. Moore, Chief Architect. Shafter & Willard St., Union Willard architect, 215 Habersham Bldg., Berkeley field.  
Contractor—Oppenheimer and Co., 357 Orange Drive, Berkeley field.

Complete bids follow.  
Oppenheimer & Co. \$55,555  
F. A. Greenough, 56,382  
Virgil Young, 57,150  
deduct 10% 450

Bids Being Taken for Moving School  
MOVE SCHOOL, ETC. Cost, \$

ALVIN ROCK, Santa Clara Co., Calif.  
Move existing Alvin School in parcel from present site at Capitol and McKee roads, to 20-acre site at northwest corner of White Road and Alvin Road, a one and one-half acre addition of twelve 30-room one-story classrooms and boiler room, of frame and stucco construction.  
Owner—Alvin Board of Union School District (Proposed Thomas Ryan).

Architect—E. J. and W. K. S. 927 Montgomery Bldg., San Jose.  
Alvin Board of Union School District.  
Contract bond, 75% of the amount of \$25,000, proceeds to finance construction. Bids will be received later for construction of additions to the school.

Bids to Close August 16, 10  
A. M.  
SCHOOL Cost, \$5,000  
SANTA CRUZ, Monterey Co., Calif.  
One-story frame and rubble hall addition to Langard School.

Owner—Pinedale Elementary School District, T. T. Stevens, Clerk, Box 365, R. F. D. 21.

Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
Plans and specifications may be obtained from the architect's office upon deposit of \$10.

Bids will be opened in the Principal's office of the Langard School.

Completion In Contractor's Name  
SCHOOL Est. Cost, \$12,000  
SALINAS, Monterey Co., Calif.  
One-story frame and stucco school building (2 classrooms and meeting room), composition and tile roof, ample floor in meeting room, pine floors in classrooms, etc.  
Owner—Chinese Association of Salinas.  
Architect—Chas. E. Butner, 7 Winham St., Salinas.  
Contractor—Albert Station, 429 Front St., Salinas.

#### CONTRACT AWARDED

OLDFIELD, Kern Co., Calif.—F. A. Greenough, 139 Lanes by St., Bakersfield, awarded contract to Standard School District at \$19,745 (including bid and alternate No. 1) for construction of an addition to the primary building of the Standard school in Oldfield. Complete bids were: F. A. Greenough, \$16,526; bid, \$18,299; alt. (2) \$21,341; total bid, \$45,899. Oppenheimer & Co., \$17,291; alt. \$19,659; alt. \$21,875; total, \$41,791. L. H. Haney & Son, \$17,201; alt. \$12,125; alt. \$25,810; total, \$55,255. Henry Bessinger, bid, will be 10% of \$10,000; alt. \$10,000; alt. \$25,000; total, \$41,000. C. H. Bigger, 521 Habetable Building, Bakersfield, architect.

#### Bids Wanted—

To Close August 18, 2 P. M.  
ADDITIONS Cost, \$

MADERNO, Stanislaus Co., Calif.  
Two - room and corridor addition to the Woodrow Wilson Grammar School, and two classrooms and corridor addition to the Eschscholtz Elementary School, reinforced concrete footings, frame and stucco building with tile roof.

Owner—Madera City School Board.  
C. E. Fisk, architect, 45 D. Abbott Building, Madera.

Architect—John J. Doney, 950 Park St., Berkeley.  
Plans and specifications may be obtained from the office of the Board of Education in the Capitol School Building on Broadway St. between D and E Streets, Madera, and from the office of the architect.

#### Architect Selected

Architect—Noguchi Co., \$100,000  
MADRID, Alameda Co., Calif.  
1008 Street  
Madrada Inc. has selected St. School of the Sacred Heart, an elementary school to be located at 1008 Street and 14th Street, W. T. C. H. Co., 1414 Broadway, Fremont.

#### BIDS WANTED

SAN FRANCISCO, Calif.—Until August 11, 11:35 P. M., bids will be received by the Board of Education for a building to be located at 251 1/2 Ave. B, between 1st and 2nd Streets, San Francisco. Plans and specifications may be obtained from the office of the Board of Education, 1000 Market St., San Francisco, upon deposit of \$10. Bids will be opened August 11, 11:35 P. M., at the office of the Board of Education, 1000 Market St., San Francisco.

Plans and specifications may be obtained from the office of the Board of Education, 1000 Market St., San Francisco, upon deposit of \$10. Bids will be opened August 11, 11:35 P. M., at the office of the Board of Education, 1000 Market St., San Francisco.

Wayfarers to be built at 127 North Boyle Ave

**Contract Awarded**  
**REMODEL SCHOOL BLDG.**  
Cont. Price, \$4,984  
**BAKERSFIELD.** Kern Co., Calif.  
Remodel mechanical arts building at the high school.  
Owner — Kern County Union High School District  
Architect — Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.  
Contractor — F. A. Greenough, 130 Lincoln St., Bakersfield.

**BIOS WANTED**  
**ALAMEDA CO., Calif.**—Until Aug. 19, 4 p.m., bids will be received by the Board of Trustees of the Stony Brook School District, General Delivery, Route E, Hayward, Cal. Drennan, Clerk, for furnishing construction materials for use in the construction of new Stony Brook School Bldg. Materials include: Hardwood floor materials, window shades, heating equipment.  
Plans prepared by Architect Chester H. Treichel, 696 Cleveland St., Oakland.  
Plans may be obtained from the above office and from architect.

**BIOS WANTED**  
**SANTA MARGARITA.** San Luis Obispo Co., Cal.—Until August 20, 8 p.m., bids will be received by the Santa Margarita Elementary School District (David W. Walker, Clerk), for roofing the Santa Margarita Elementary School.

**BIOS WANTED**  
**STILLWATER** Shasta Co., Calif.—Until August 16, 4 p.m., bids will be received by the Union School District of Shasta County, for construction of a school building located near the Kelly Ranch, Stillwater.  
Plans and specifications now on file with the County Superintendent of Schools, Redding, Calif.

**LOW BIDDER**  
**LOS ANGELES, Cal.**—J. & B. Construction Co., 5572 1/2 Valley Blvd., submitted low bid to Los Angeles Board of Education at \$84,561, for reconstructing and strengthening the Wilton Place school.

**BIOS WANTED**  
**BAKERSFIELD.** Kern Co., Calif.—Until Aug. 25, 5 p.m., bids will be received by the Kern County Union High School District, Bakersfield, for gym basket racks and baskets in accordance with specifications on file with T. L. McCuen, business manager.

**BIOS WANTED**  
**BISHOP** Inyo Co., Calif.—Until Aug. 25, 4 p.m., bids will be received by the Bishop Union High School District for repairs and alterations to present steam heating system. Plans obtainable at the office of the school principal, 269 Fowler Street, Bishop, between 9 a.m. and 12 m. Monday to Friday, inclusive.

**BIOS WANTED**  
**KERN CO.** Calif.—Until Aug. 23, 3 p.m., bids will be received by the Mountain View School District for erecting a 1- or 2-room addition to the Mountain View School in Kern County. Plans obtainable from Chas. H. Biggar, architect, 554 Haberfelde Bldg., Bakersfield.

**BIOS WANTED**  
**FILLMORE.** Ventura Co., Calif.—Until Aug. 23, 7:30 p.m. (bid opening date postponed from Aug. 16), bids will be received by the Fillmore Union High School District for construction of two school buildings.

John C. Austin and Frederic M. Ashley, architects, Chamber of Commerce Bldg., Los Angeles.

**BIOS REJECTED**  
**INGLEWOOD.** Los Angeles Co., Calif.—All bids received by the Inglewood Union High School District for alterations to gym at Inglewood High School, were rejected and the project has been deferred until next year. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles.

**Bids Wanted—To Close August 17, 8 P. M.**

**GYMNASIUM** Cost, \$70,000  
**DAVIS.** Yolo Co., Calif.  
New gymnasium building to replace one destroyed by fire last New Year's, to include two laboratory rooms, combination band room and stage, gym locker rooms, shower rooms, etc., and three-classroom wing addition to main school building.  
Owner—Davis Joint Union High Sch. District (Homer H. Corneck, principal).

**Architect**—Starks & Flanders, Bank of America Bldg., Sacramento.  
A proposal to issue \$50,000 in bonds carried at a special election May 25. The bond money will supplement \$22,000 in insurance to complete financing.  
Plans and specifications obtainable from the architect's office upon deposit of \$20.

**BIOS WANTED**  
**BEVERLY HILLS.** Los Angeles Co., Cal.—Until Aug. 23, 10 A. M., bids will be received by the Beverly Hills board of education for the seating of the auditorium now under construction at 125 S. Arnez Dr., Beverly Hills. Plans and specifications may be obtained at the office of the superintendent of schools, 5th floor, city hall, Beverly Hills, upon deposit of \$10.00.

**Bids Rejected**  
**ADDITION** Cost, \$.....  
**LODI.** San Joaquin Co., Calif.  
One-room addition to Garfield Sch. (brick veneer construction).  
Owner—Lodi Grammar School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Complete bids follow:  
**Acme Construction Co., 585 Mandana Blvd., Oakland—\$9,800.**  
**Lawrence Construction Co., Sacramento—\$10,995.**  
**William C. Hoegerman, Lodi—\$11,064.89.**

**Bids Wanted—To Close August 18, 2 P. M.**  
**AERONAUTICS BLDG.** Cost, \$.....  
**MODESTO.** Stanislaus Co., Cal. Modesto Junior College.

One-story reinforced concrete & steel frame aeronautics shop addition to Modesto Junior College.  
Owner—Modesto City School Board of Education (E. D. Abbott, Secretary).  
Architect—John J. Donovan, 950 Park St., Berkeley.

Plans and specifications may be obtained at the office of the Board of Education, Capitol School Bldg., 11th St. bet. H and I Sts., Modesto, and from the office of the architect.  
Bids are being received for construction of the shop building, except the erection of structural steel, awarded to Schrader Iron Works, Inc., 1217 Harrison St., San Francisco, at \$2,380, as previously reported.

**COMPLETING PLANS**  
**ARTESIA.** Los Angeles Co., Calif.  
Architect Kenneth S. Wing, 501 Terminal Ave., Long Beach, is completing plans for a school addition

to the Bloomfield School, near Artesia, for the Bloomfield School District.

## 16—BANKS, STORES AND OFFICES

**BIOS BEING TAKEN**  
**BURBANK.** Los Angeles Co., Cal.—Architect Lester T. Squires, 523 Union League Bldg., Los Angeles, is taking bids until August 20 from a selected list of contractors for a restaurant building and bar to be built on Olive St. south of Victory Blvd., Burbank, for L. C. Taylor.

**August 11, 1937.**  
**Sub Contracts Awarded**  
**ALTERATIONS** Est. Cost, \$25,000  
**REDWOOD CITY.** San Mateo Co., Calif., 2303 Broadway.

One-story reinforced concrete and frame addition (40x50 ft.) and alterations to California Pacific Title & Trust Co. Bldg.  
Owner—California Pacific Title and Trust Co. (T. J. Hallinan, Mgr.).  
Architect—Capt. E. L. Norberg, 580 Market St., San Francisco.  
Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.  
Plumbing—Brand Plumbing Co., 650 Jefferson St., Redwood City.  
Heating—Harry Lee, 220 California Drive, Burlingame.

Sheet Metal—Gaffigan Sheet Metal Works, 309 8th St., San Mateo.  
Lathing & Plastering—Peter Bradley, 639 Brannan St., San Francisco.

**LOW BIDDER**  
**VERNON.** Los Angeles Co., Calif.—C. W. Driver, 111 W. 7th St., Los Angeles, submitted low bids for two class A reinf. conc. buildings to be built at 510 Soto St., Vernon, for Lane-Wells Co. One will be a 3-story and basement administration building and the other a 1-story instrument building. Wm. E. Mayer, architect.

**CONTRACT AWARDED**  
**BURBANK.** Los Angeles Co., Calif.—G. P. Kristensen, 606 W. 80th St., Los Angeles, awarded contract for construction of a 2-story building at the corner of Olive and Rowland Avenues, Burbank, for C. A. Segar. Wm. J. Gage, architect, 468 N. Camden Dr., Beverly Hills. Cost, \$50,000.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—Charles W. Pettifer, 703 W. 14th St., Long Beach, awarded contract for construction of an additional story to the Famous Dept. Store Building at 601 Pine Ave., Long Beach. Stiles O. Clements, architect, 1135 Van Nuys Bldg., Los Angeles, and J. H. Davies, structural engineer, Ocean Center Bldg., Long Beach.

**APPLIED FOR PERMIT**  
**LOS ANGELES.** Calif.—Southern Calif. Telephone Co., owner; C. R. Morrison, architect, 740 S. Olive St., applied for permit Aug. 10 to erect a reinforced concrete and steel telephone building (83x93 ft.) at 11272 Morrison St. Cost, \$120,000.

**August 12, 1937.**  
**Contract Awarded**  
**OFFICE BLDG.** Cost, \$20,000  
**MODESTO.** Stanislaus Co., Cal. 12th Street.

One-story reinforced concrete office building, the roof.  
Owner—T. B. Scott, c/o Architect.  
Architect—G. N. Hiltner, 1211 K St., Modesto.  
Contractor—Robert Carlson, P.O. Box 72, Modesto.



## PLANS BEING FIGURED

LOS ANGELES, Calif.—Architect Stiles O. Clements, 1135 Van Nuys Bldg., is taking bids from the following selected list of contractors for a 5- and 6-story class A office building, 60x135 ft. in area, to be built at 1033 S. Hope St. for Pacific Employers' Insurance Co.:

L. E. Dixon Co., 609 S. Grand Ave.  
Myers Bros., 3407 San Fernando Road.

Weymouth Crowell Co., 2104 E. 15th St.

Robert E. McKee, 108 W. 6th St.  
Stanton-Reed Co., 262 Architects' Bldg.

Pozzo Constr. Co., Ltd., 2403 Riverside Dr.

John Strona, Philadelphia East End Aves, Pomona.

Person & Hollingsworth, 5078 Lorenza St.

J. K. Thomas, 700 Kress Bldg., Long Beach.

Bids are to be opened August 16. All work is included in the general contract.

## CONTRACT AWARDED

MONTEREY PARK, Los Angeles Co., Cal.—J. H. Kelley, 6439 Orange St., Los Angeles, awarded contract for construction of a store building in Monterey Park; Ben Franklin Stores, occupant; Walter Zick, architect, 517 Alhambra St., Alhambra.

## Completing Plans

STORE BLDG. Est. Cost, \$12,500  
SALINAS, Monterey Co., Calif. Main Street.

One-story and basement concrete frame Electric store bldg. (220 x30 ft.), terra cotta front, plate glass, linoleum floors, composition roof, etc.  
Owner—Fred Carlsen, Salinas.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Engineer—F. W. Kelberg, 320 Market St., San Francisco.

## Architect Authorize to Prepare Plans

BANK, ETC. Est. Cost, \$400,000  
BERKELEY, Alameda Co., Cal. Mill via and Center Streets.

New Federal Land Bank and office building of not less than 5 stories  
Owner—Farm Credit Administration.  
Architect—James W. Placsek, 511 Mercantile Bank Bldg., Berkeley.

## PROPOSED

LOS ANGELES, Calif.—National Broadcasting Co. is completing negotiations for the purchase of property located at Vine St. and Sunset Blvd., where it is proposed to build a new broadcasting studio building. The site will be bounded by Vine St., Sunset Blvd., Selma Ave. and Argyle St. Preliminary sketches have been prepared by the Austin Co., 777 E. Washington Blvd.

## Plans Being Figured—

To Close August 17  
STORE BUILDING Cost, \$.....  
FRESNO, Calif. 1146-48 Fulton St.

One-story and basement, brick store building, modern metal front.  
Owner—Fresno Properties Co.

Plans by Engineering Dept. of Lessee.

Lessee—J. J. Newberry Co., New York, N. Y.

Flowing are figuring plans:  
Fisher & McNulty, 327 Cory Bldg.  
Harris Construction Co., 577 McKinley Ave.

L. H. Hansen & Son, P. O. Box 519  
T. C. & W. H. Irwin, 908 Mildred Ave.

Midwest Construction Co., 501 Pacific S. W. Building.

W. J. Ochs, Pacific S. W. Building  
Trehwitt-Shields & Fisher, 1501 Pacific S. W. Building.

All of Fresno.

## Plans Being Figured—Bids Close

August 13, 8 P. M.

FOR Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif.

Hahmann Bldg., Fourth St.  
Alter Bible's Apparel Store in Hahmann Building.

Owner—Mrs. Hahmann, c/o Architect.

Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

## COMPLETING PLANS

DOWNNEY, Los Angeles Co., Cal.—Architectural Dept. of the Capital Co., 613 S. Olive St., Los Angeles, is completing plans for alterations and additions to the Downey Branch of the Bank of America. Bids will be taken from a selected list of general contractors 16

## Contract Awarded

ALTER STORE Cost, \$10,000  
SAN FRANCISCO. 950-964-A Market St.

Alter store and office  
Owner—Market-Turk Co., 243 Kearny Street.

Architect—Not Given.

Contractor—A. M. Hardy, 736 Clementina St.

## Plans Completed

ALTER STORE BLDG. Cost, \$5,500  
SAN FRANCISCO. S. O'Farrell, 60 ft. E. Jones St.

Alter store building.  
Owner—M. Fisher & Son, 1405 Bush Street.

Engineer—Alfred P. Fisher, 111 Sutter St.

## Sub Contracts Awarded

ALTERATIONS Cost, \$50,000  
SAN FRANCISCO. NE California and Battery Streets.

Alter office building.  
Owner—White Investment Co., 260 California Street.

Architect—Warren C. Perry, 260 California Street.

Engineer—T. Ronneberg, Crocker Building.

Contractor—Dinwiddie Constr. Co., 20 Crocker Bldg.

Lathing and Plastering—Leonard Bosch, 167 Fifth Ave., San Francisco.

Sheet Metal—Wieland & Kolthoff, 291 Folsom St., San Francisco.

Mill Work—Pacific Mfg. Co., Santa Clara.

As previously reported:  
Structural Steel—Fair Mfg. Co., 617 Bryant St.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Pozzo Construction Co., 2403 Riverside Drive, awarded contract for construction of a 1-story building, 97 x 107 ft. in area, at 814 Turner St. for Southern California Poultry Co. Cost, \$40,000. General contract includes all work except refrigeration, which will be let later. S. B. Barnes, structural engineer, 803 W. Third St.

## Sub Contracts Awarded

ALTERATIONS Cont. Pr. \$12,430  
BERKELEY, Alameda Co., Cal. NE Cor. Colusa and Solano Avenues.

Alterations and additions to building.  
Owner—Thousand Oaks Masonic Temple Assn.

Architect—Dragon & Schmits, 2068 Alston Way, Berkeley.

Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley.

Roofing—Guy Tyler & Sons, 1502 Cedar St., Berkeley.

Plumbing—K. A. MacMillan, 2368 San Pablo, Berkeley.

Electric Wiring—Fred Schmits, 430 Moss Ave., Oakland.

Heating—Frank J. Edwards, Oakland.

Sheet Metal—J. C. Owens Sheet Metal Works, 1616 Carlton St., Berkeley.

Glass—Western Door & Sash Co., 5th and Cypress Sts., Oakland.

Grading—J. Henry Harris, 2425 Valley St., Berkeley.

Foundations—Schnoor Bros., 6016 Claremont Ave., Oakland.

Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.

Mill Work—Clinton Mill & Lumber Co., 345 E. 7th St., Oakland.

Hardware—Associated Hardware Co., Oakland.

Painting—J. E. Scott, 217 Ramona St., El Cerrito.

Lathing & Plastering—C. H. Burnett & Son, 865 32nd St., Oakland.

(0783) List reported July 16, 1937. \* 16

## 17—THEATRES

## CONTRACT AWARDED

REDONDO BEACH, Los Angeles Co., Calif.—Calhoun-Hastings, 1150 N. Las Palmas, have been awarded contract for reinf. concr. motion picture theater to be built at Torrance Blvd. and S. Catalina St., Redondo Beach, for Pacific States Theatras. Plans were prepared by Structural Engineer F. E. Stanbery.

## Contract Awarded

ALTER THEATRE Cost, \$5,500  
SAN FRANCISCO. 429 Castro Street. Alter theatre.

Owner—Nasser Bros., c/o contractor.

Architect—Not Given.

Contractor—I. W. Ceburn, 2048 Market Street.

## 19—MISC. CONSTRUCTION

## BIDS OPENED

BONNER'S FERRY, Idaho—Fritz Zeebath, Inc. Security Bldg., Long Beach, Calif., at \$90,992 (aluminum conductors), \$93,103 (copper conductors), submitted the low bid to No. Idaho Rural Electrification Assn., Inc., Sandpoint, Idaho, for the construction of 103.5 miles transmission lines, Bonner County. Dwight F. Henderson, Spokane, Wash., is the engineer. Power will be purchased from the Mountain States Power Co.

## FUND ALLOTTED

PLUMAS, SIERRA & LASSEN COS. Calif.—U. S. Rural Electrification Administration has allotted \$283,000 to the Plumas-Sierra Rural Electric Cooperative, Quincy, for 200 mi. transmission lines to serve residents of Plumas, Sierra and Lassen Counties, not receiving such service at present.

Allan Kieker, Chief Engineer, Surprise Valley Electrification Cooperative, will also be Chief Engineer of this Project.

## CONTRACT AWARDED

FLORENCE, Pinal Co., Ariz.—Russell Elec. & Mach. Co. Pinal Co., Ariz. at \$94,828.76, submitted low bid and was awarded contract (subject to approval of R. E. A.), by San Carlos Irrigation District, Florence, for construction of 125 miles of transmission lines to serve Casa Grande rural consumers and town of Oracle in Pinal and Gila Counties.

Total bids follow:

Russell Elec. & Mach. Co., Tucson	\$94,828.76
F. C. Nickel, Los Angeles	102,130.50
Bennett & Taylor, L. A.	103,024.02
New State Elec. Co., Phoenix	108,373.50
Fritz Zeebath, Long Beach	109,862.61
Bennetts Electric & Engrg. Co., El Paso	111,522.50
I. W. White, Casa Grande	120,992.89

## BIDS OPENED

SAN FRANCISCO, Calif.—Healy-Whitlans Construction Co., 84 Pine St., San Francisco, at \$468, submitted low bid to the 14th Lighthouse District, H. W. Rhodes, Supt., Room 425, Cas-

tona House, San Francisco, under Bid No. 320, for drying one 60-ft. pils and removing one triangular steel structure, in Redwood Creek, southerly part of San Francisco Bay. \* 19

Total bids follow:  
 Healy-Tibbatts Constr. Co.,  
 64 Pine St., S. F. .... \$468  
 Frank Black ..... 500  
 Duncanson-Harrison Co. .... 610

#### BIDS OPENED

**SACRAMENTO, Calif.**—Bethlehem Shipping Corp., Ltd., 20th and Illinois Sts., San Francisco, at \$13,762.50, submitted low bid to the U. S. Engineer's Office, District Engineer, Room 208, Post Office Bldg., Sacramento, for drydocking, painting and repairing the U. S. Engineer Department, 20-in. pipeline dredge "Sacramento."

Allowance for scrap: (1) bronze; (2) cast iron; (3) steel.  
 Total bids follow:  
 Bethlehem Shipping Corp., Ltd., 20th and Illinois Sts., San Francisco: (1) \$34; (2) \$6025; (3) \$602; total, \$13,762.50.

Moore Dry Dock Co., Oakland: (1) \$65; (2) \$602; (3) \$604; total, \$14,864.00.

General Engineering & Dry Dock Co., San Francisco: (1) \$64; (2) \$6025 (3) \$602; total, \$15,219.00.

#### BIDS WANTED

**WASHINGTON, D. C.**—Until September 15th, bids will be received by the Maritime Commission for the construction of a Twin Screw Combination Mail, Passenger and Cargo Liner. The length is 723 feet; breadth 92 feet; depth 75 feet. Tons are about 34,000.

#### TO CONSTRUCT

**KRAMER**—The Nevada-California Electric Co. is planning the immediate construction of a new 100,000-volt substation and attendants' cottages, 10 miles of 33,000-volt distribution line, and a 33,000/4000-volt substation in the Kramer district. The equipment is necessary to serve the increased demands of the borax plants operating in that district.

#### BIDS OPENED

**LOS ANGELES, Calif.**—L. F. Dow Co., 1013 N. Sycamore St., Los Angeles, at \$47,775, submitted low bid to Los Angeles Board of Education for construction of a retaining wall at the Belmont High School. Other bids were:

Lovrich & Konjevod	.....	\$54,098
Arthur Finer, Jr.	.....	54,218
H. B. Nicholson	.....	55,214
C. C. Willis & Sons, Inc.	.....	55,523
W. J. Distelli	.....	58,334
N. I. Fadel	.....	59,000
Oscar Oberg	.....	63,998
L. W. Odell	.....	64,747
Hogland Engr. & Constr. Co.	.....	67,885
C. Bongiovanni	.....	68,889
W. R. Schriver	.....	78,730

#### WORK TO START

**KLAMATH FALLS, Ore.**—Charles Seavey, Manager, Pacific Telephone and Telegraph Co., announces that construction on long distance telephone lines will be started immediately. Materials to be used include 480 poles, 1200 crossbars and 189 miles of copper wire. Estimated cost \$70,000.

Contract Awarded  
**DRESSING ROOM** Cost, \$4  
**MOUNTAIN VIEW**, Santa Clara Co., Calif.—St. Joseph's College.  
 Addition of one-story frame dressing room to existing swimming pool. Owner—St. Joseph's College.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Contractor—Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Bids were previously reported as having been rejected for running high; however, plans were revised and new bids submitted.

#### CONTRACT AWARDED

**YERBA BUENA SHOALS, Calif.**—A. W. Kitchin & Co., 110 Market St., San Francisco, at \$35,167, awarded contract by the Public Utilities Commission, City Hall, under Exposition Contract No. 18, for piling work for the Main Entrance (North and South Towers and Wall No. 6), East Courts, East Towers (North), East Tower (South), of San Francisco Bay Exposition.  
 Complete bids published July 21.

#### FUND ALLOTMENT

**MULTNOMAH, Oregon**—The Rural Electrification Administration has allotted \$100,000 to the Portland General Electric Company, Portland, Oregon, to build extension lines in Multnomah, Columbia, Washington, Yamhill, Marion and Clackamas Counties. The extensions will total 109 miles of line and serve 573 customers.

#### PLANNED

**STURTON, Greenlee Co., Ariz.**—The Phelps-Dodge Copper Products Corporation is reported to be planning the expenditure of \$28,000,000 at the "Clifton-Morenci" mines during the next five years.

#### 20—MISC. SUPPLIES AND MATERIALS

##### CONTRACT AWARDED

**GOVERNMENT ISLAND, Calif.**—Forsyth Hardwood Co., 355 Bayshore Blvd., San Francisco, at \$72.38 was awarded contract by the Forest Service Supply Depot, J. M. Stevens, Acting Supply Officer, Government Island, under Bid No. 5056, for apting lumber, FAS grade, S4S out to net sizes; job Placerville.

##### CONTRACTS AWARDED

**GOVERNMENT ISLAND, Calif.**—California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at \$303.47 (Item 1) and Southern Pipe & Casing Co., Azusa, Calif., at \$206.96 (Item 2) and \$1049.50 (Item 3) were awarded contracts by the Forest Service Supply Depot, Frany Haynie, Supply Officer, Government Island, under Bid No. 5051, for furnishing corrugated metal pipe culvert: (1) job Bakersfield; (2) job Bishop and (3) job Bakersfield.

##### CONTRACT AWARDED

**GOVERNMENT ISLAND, Calif.**—Pacific Portland Cement Co., 111 Sutter St., San Francisco, at \$393.47 was awarded contract by the Forest Service Supply Depot, J. M. Stevens, Acting Supply Officer, Government Island, under Bid No. 5054, for 175 barrels of portland cement, 1-c, Oakdale.

##### COMPLETE BIDS

**ALL-AMERICAN CANAL**—Associated Piping & Engrg. Co., Ltd., 2332 E. 35th St., Los Angeles, at \$13,655, submitted low bid to E. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. 945-D, for pipe hand-raising and light stand-ards for the Imperial Dam and desalting works, All-American Canal System—Boulder Canyon Project. Materials will be installed by the Government.

Total bids follow:  
 Associated Piping & Engrg. Co., Ltd., 2332 E. 35th St., Los Angeles—\$13,655 1/2.  
 California Steel Products Co., San Francisco—\$18,877.  
 Judson Pacific Co., San Francisco—\$19,725.  
 Berkeley Steel Construction Co., Berkeley—\$22,700; 1/2 %.

City Iron Works, Portland, Ore.—\$22,912.

Kohl & Vick Iron Works, Chicago—\$20,625.

Alhambra Foundry Co., Alhambra—\$22,250.

Flour City Ornamental Co., Minneapolis—\$27,000.

A. J. Bayer Co., Los Angeles—\$28,300.

John W. Beam, Denver—\$28,000; 1/2 %.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Southern Pipe & Casing Co., at \$572,026 was awarded the contract by Metropolitan Water District for 492 ft. of 10-ga. 30-in. steel pipe job vendor's plant, for delivery to Banning, Bid No. 86598. The other bids were: Consolidated Steel Corp., Ltd., \$785,952; Western Pipe & Steel Co. \$903,552.

#### BIDS OPENED

**LOS ANGELES, Calif.**—California Portland Cement Co., Riverside Cement Co., and Southwestern Portland Cement Company, c/o Lewis A. Carman, 504 Pacific Mutual Bldg., Los Angeles, at \$1.50 per barrel, \$375,000, no discount, submitted a joint bid to the Metropolitan Water District for 250,000 barrels of portland cement, under Spec. 228.

Deliveries: 93,750 bbls. from Colton; 93,750 bbls. from Creamtore; 62,500 bbls. from Victorville. Monthly deliveries: Colton, daily 1125 bbls., monthly, 28,125 bbls.; Creamtore, daily, 1125 bbls., monthly, 28,125 bbls.; Victorville, daily 750 bbls., monthly 18,750 bbls.

#### BIDS OPENED

**LOS ANGELES, Cal.**—Okonite-Calender Cable Corp., General Cable Corp., Babirshaw Cable & Wire Corp. and C. E. Co., at \$7631 M. ft., discount 1/2 of 1%, 10 days submitted identical bids to Los Angeles Water & Power Purchasing Agent for 1597 ft., 750,000 cm., 35,000 volt, 3-conductor, paper insulated lead sheathed cable; Spec. 2382.

#### BIDS OPENED

**LOS ANGELES, Cal.**—The following submitted bids to the Metropolitan Water District Purchasing Agent, 306 W. 3rd St., Los Angeles, under Spec. 27 for welded steel tanks for use in storing transformer & switch oil at the Colorado River Aqueduct pumping plants.

American Pipe & Steel Corp., 320 Date Ave., Alhambra: (1) \$485, \$970; (2) \$450, \$900; (3) \$618, \$3708; (4) \$618, \$2472; (5) \$605, \$3630; (6) \$605, \$3830; total, \$15,310. Shipping weight 219,000 lbs. If delivered is accepted job trucks Alhambra, deduct \$15 per tank, or total of \$390; job Alhambra. No discount.

Southwest Welding & Mfg. Co., Inc., 5509 1/2 Ave., Redondo Beach, 1: (1) \$509, \$1018; (2) \$451, \$902; (3) \$614, \$3684; (4) \$627, \$2508; (5) \$588, \$3558; (6) \$593, \$3558. Total \$15,228. Shipping weight, 227,000 lbs.; job Alhambra; discount 1/2 of 1% 10 days. No use tax.

Boehler Tank & Welding Works, Los Angeles: (1) \$560, \$1120; (2) \$500 \$1000; (3) \$618, \$3708; (4) \$660, \$2520; (5) \$610, \$3660; (6) \$610, \$3660. Total \$15,668. Shipping weight 220,000 lbs. Delivery 5000 Pacific Blvd., Los Angeles. No discount. No use tax.

Consolidated Steel Corp., (1) \$573, \$1146; (2) \$451, \$902; (3) \$715, \$1290; (4) \$722, \$2888; (5) \$694, \$4164; (6) \$694, \$4164. Total, \$17,700. Shipping weight, 203,900 lbs.; job Los Angeles. No discount. No use tax.

Ensco Derrick & Equip. Co.: (1) \$4,312.8; (2) \$512, 11024; (3) \$719, 314; (4) \$731, 2924; (5) \$700, \$240, \$700, \$4200. Total \$17,750. Shipping weight, 221,000 lbs. Delivered at 11 A. Alameda St. No discount. No tax.

Pacific Iron & Steel Co., Ltd., 11,683 Alameda St., Los Angeles, exclusive of tax: (1) \$575, 1115; tax \$3, 83; (2) \$320, \$1040; tax \$3,20; (3) \$75, \$450; (4) \$135.50; (5) \$788, 53.; (6) \$154; (7) \$735, \$410, tax \$2.30; (8) \$735, \$410, tax \$132.30; total, \$18,812. Total sales tax, \$564.56. total bid, \$19,376.36. Shipping weight, 8,932 lbs.; fob plant. No discount. Lucy Mfg. Co.: (1) \$666, \$1332; (2) \$770, \$1540; (3) \$800, \$4800; (4) \$810, \$240; (5) \$770, \$4620; (6) \$770, \$440; total, \$19,776. No use tax. Gross shipping weight, 236,000 lbs.; fob Los Angeles. No discount.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 2 P. M. (postponed from August 1) bids will be received by Geo. D. Huestis, Assistant Procurement Officer, Forest Service, 1022 Phelan Bldg., under Bid No. 1150, for structural steel for Mill Creek bridge, fob shipping point, and/or Red Bluff. Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**LOS ANGELES.**—Ohio Injector Co., at \$7,873.00, was awarded the contract by the Metropolitan Water District Purchasing Agent for valves, angles, floor stands, etc., f.o.b. Los Angeles, for delivery to Rice (Eagle Mt. and Hayfield Pumping Plant), Bid No. 86121.

Total bids follow:  
 Humming & Heating Supply Co.—\$8900.25  
 Oil Well Supply Co.—\$8622.40  
 The Chapman Valve & Mfg. Co.—\$9052.51  
 Ducommun Metals & Supply Co.—\$89192.37  
 Rich Mfg. Co.—\$9462.08  
 Crane Co.—\$9468.14  
 California Pipe & Supply Co.—\$9463.14  
 Petroleum Equipment Co.—\$9468.11  
 Meoll O. Haldeman Corp.—\$9165.14  
 Warren & Bailey Co.—\$9609.33. \* 20

**BIDS OPENED**

**SACRAMENTO, Calif.**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Spec. No. 1105-38-20, for Douglas fir piling:  
 McCormick Supply Co., San Francisco, at 11c per L.F., f.o.b. Cottage Grove, Eugene, Junction City, Dillard, Grant's Pass, Bear Creek, Drain, and Myrtle Creek, Oregon; 2% 10 days; 1% 20 days; net 30 days.  
 Stapleton Lumber Co., at 7c per L.F., f.o.b. Drainer, Sutherlin; no discount.

Dougherty Piling Co., Cottage Grove, at 8 1/2c per L.F., f.o.b. Creswell, Cottage Grove, Latham.  
 Diamond Match Co., Chico, at \$2.75 each, f.o.b. Eugene, Veneta and Creswell; 2% 30 days.

Humphrey Lumber Co., Oakland, at 7%: f.o.b. Grant's Pass, Merlin; 2% 10 days; 1% 20 days; 1% 30 days.  
 MacDonald Harrington, Ltd., San Francisco, at \$0.82; f.o.b. Springfield, Corvallis and Brownsville; 2% 10 days; 1% 20 days; net 30 days.  
 Chas. R. McCormick Lumber Co., San Francisco, at \$1.60 each; f.o.b. Sutherlin, Oregon. No discount.  
 James I. Hall, San Francisco, at \$2.00 each, f.o.b. Hillsboro, Oregon; 2% 20 days.  
 Knox Lumber Co. at 9 1/2c net; f.o.b. Brownville, Veneta and Springfield.

Niedermeyer Martin Lumber Co., Portland, at \$1.95 each; f.o.b. Cottage Grove; 2% 10 days; 1% 20 days; net 30 days.

**CONTRACT AWARDED**

**YAKIMA PROJECT, Wash.**—Superior Portland Cement Co., Seaboard Bldg., Seattle, at \$19.00 was awarded contract by the Bureau of Reclamation, Denver, under Invitation A-33649-A, for 9600 barrels of Portland cement in cloth sacks for Ross Division, Yakima Project.

**BIDS OPENED**

**OAKLAND, Calif.**—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at \$61,325, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 1216th St., Oakland, under Proposal 1 S. 203, for cast iron pipe, from 4 in. to 20 in diameter.

Work involves:  
 (1) 20,000 lf. cast-iron pipe;  
 (2) 5,000 lf. do.;  
 (3) 25,000 lf. do.;  
 (4) 70,000 lf. do.  
 Total bids follow:  
 U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, \$61,325.00  
 American Cast Iron Pipe Co., 62,150.00  
 Florence Pipe & Foundry Co., 69,843.75  
 Pacific State Cast Iron Pipe Co.,

Unit prices follow:  
 (A) (B) (C) (D)  
 (1) \$34.250 \$14.700 \$14,600.00 \$14,850  
 (2) 11.075 7.250 11,962.00 11,350  
 (3) 9.225 9.100 10,800.75  
 (4) 26.500 27.100 29,200.00

**BIDS OPENED**

**LOS ANGELES, Calif.**—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 8, for aggregate and sand.

Work involves:  
 (1) 12,000 cu. coarse aggreg., 1 1/2-in. to 2-in.  
 (2) 5,000 cu. same, 1-in. to No. 4 mesh size;  
 (3) 32,000 cu. sand  
 Total bids follow:  
 Aggregate-United Rock Prod. Co. and T. D. Gregg, (1), (2) and (3), \$1.61, total \$56,688, disc. 10c up 25th prox.  
 Pacific Rock & Gravel Co., Graham Bros. and East-side Bldg. Malls, Co.—(1), (2) and (3), \$1.59, total, \$54,578, disc. 2% 20 days.

Amey Rock Co., City Rock Co. and Blue Diamond Corp.—(1) and (2), \$1.80; (3), \$1.60; total, \$58,960; disc. 20c up 25th prox.

**CONTRACTS AWARDED**

**LOS ANGELES.**—Kaman Elec. & Mfg. Co., at \$261,750, was awarded contract by Los Angeles Water and Power Commission for 49 oil circuit breakers. Spec. 2259.

**BIDS OPENED**

**GLENDALE, Los Angeles Co., Cal.**—Following bids submitted to Glendale city council for furnishing lead-covered cables, as follows:  
 (1) 10,000 ft. single conductor No. 2 AWG;  
 (2) 10,000 ft. same No. 2 AWG;  
 (3) 10,000 ft. No. 5 same 9 3/2-in. varnished enamel insulation  
 (4) 2,500 ft. No. 8 same 9 3/2-in. varnished enamel insulation  
 (5) 4,000 ft. No. 2 conductor, No. 2 AWG; lead-covered cable.

Total bids follow:  
 Easton Cable & Cable Co., (1) \$2.00; (2) \$1.62; (3) \$1.16; (4) \$97.50; (5) \$142  
 Led. W. Cable & Cable Co., (1) \$2.50; (2) \$1.62; (3) \$1.15; (4) \$97.50; (5) \$142  
 American Cable & Cable Co., (1) \$2.50; (2) \$1.16; (3) \$1.12; (4) \$97.50; (5) \$142  
 Blue White Malt, (1) \$261.50; (2) \$165.75; (3) \$117; (4) \$97.50; (5) \$144

30.  
 General Cable Corp.: (1) \$278; (2) \$175; (3) \$125; (4) \$105; (5) \$153; (6) \$693.  
 Habrshaw Wire & Cable Co.: (1) \$278; (2) \$175; (3) \$125; (4) \$105; (5) \$153; (6) \$693.

Standard White Elec. Co., Oleanite Co., General Elec. Co., Simpex Wire & Cable Co., General Electric Supply Corp., Amcondia Wire & Cable Co., Columbia Steel Co., Westinghouse Elec. & Mfg. Co., John A. Roeblings Sons Co., all identical with bid of Habrshaw.

All bids 1/2 of 1% 10 days, net 30 days.  
 \*On item (6) reduction of 2% allowed for certified test report.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Del Paso Rock Products Co., Rt. 5, Box 500, Sacramento, at \$3.45 per ton, submitted low bid to the Sacramento City Council, City Hall, for furnishing 2000 tons asphalt concrete mix for street maintenance division.  
 A. Teichert & Son, Sacramento, at \$3.60 per ton, submitted the only other bid.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Standard Fence Company, 60th and Lowell Streets, Oakland, at \$6.27, submitted low bid to the Sacramento City Council, City Hall, for 468 feet steel chain link fence and gate to surround the overhead storage tank near the stadium.

Total bids follow:  
 Standard Fence Co., 60th and Lowell Sts., Oakland \$6.27  
 Wickman Spencer Steel Co., San Francisco 643  
 Anchor Post Fence Co., San Francisco 697  
 Kamin Fence Co., San Francisco 800

**BIDS WANTED**

**LA GRANDE, Union Co., Ore.**—Until August 17th, 10:00 A. M., bids will be received by the Union County Court, for 74,000 lbs. structural steel for Bridge No. 2327, over Government Dutch on County Road 1, F.O.B. caps at Conley siding.

Plans and specifications may be obtained at the office of the Union County Engineer, S. B. Morgan, La Grande upon the deposit of \$3.00 +20

**BIDS OPENED**

**FORT MASON, Cal.**—The following submitted bids to the Constructing Quartermaster, San Francisco General Depot, Ft. Mason, San Francisco, under Bid No. 6616-58-1, for furnishing (1) 423 sq. ft. lumber and 21 sq. ft. roofing felt, fob Fort Mason.  
 Dunham-Barrigan & Hayden Co. (1) \$447.12; (2) \$  
 Paraline Co. (1) \$450.08; (2) \$  
 Christensen Lumber Co. (1) \$477.22; (2) \$  
 Smith Lumber Co. (1) \$175.57; (2) \$

San Francisco Lumber Co. (1) \$488.59; (2) \$  
 Loop Lumber Co. (1) \$191.64; (2) \$  
 Bagnato Lumber Co. (1) \$95.10; (2) \$  
 Huntley Point Lumber Co. (1) \$17.00; (2) \$50  
 Armo Lumber Co. (1) \$24.48; (2) \$  
 Allen Builders (1) \$209.25  
 Baker-Hamilton-Pratt (1) \$24.48; (2) \$47  
 Zellsbach Paper Co. (1) \$24.48; (2) \$47

**BIDS OPENED**

**LOS ANGELES, Calif.**—Following submitted bids to the Los Angeles City Engineer, 210 S. Los Angeles, for furnishing 100,000 lbs. of 100 mesh sand, fob 3600 Van Ness, 1000 ft. Work involves:

- (1) 20,000 c.y. coarse aggregate, 1½- to ¾-in. size;  
 (2) 10,000 c.y. do. 1-in. to No. 4 mesh size;  
 15,000 c.y. sand.  
 Consolidated Rock Prod.: (1) (2) and (3) \$1.61, total, \$73,800; plant, Roscoe; disc. \$10 yd. 25th prox.  
 Arrow Rock Co., City Rock Co. and Blue Diamond Corp., bidding jointly (1) and (2) \$1.92, (3) \$1.66; total, \$82,500; plants, Van Nuys, Roscoe, and Sunland; disc. \$20 yd. 25th prox.  
 Azusa Rock and Sand Co.: (1) (2) and (3) \$1.84; total, \$82,800; plant, Azusa, no discount.  
 Graham Bros.: (1) and (2) \$1.92, (3) \$1.66; total, \$82,905; plant, Roscoe; disc. \$20 yd. 25th prox.  
 Pacific Rock & Gravel Co.: (1) (2) and (3) \$1.85; total, \$85,000; plant, Arrow Highway near Monrovia; disc. 9% 30 days.  
 Owl Truck & Materials Co.: (1) (2) \$2.14; (3) \$1.88; total, \$92,400; plant, Monrovia; disc. \$10 yd., 25th prox.

**BIDS OPENED**

**ALL AMERICAN CANAL.**—The following submitted bids to Bureau of Reclamation, Denver, under Spec. 952-D, for metal work for installation in the trash rack structure at the All American Canal. Work will be done by the Government:

John W. Bean, Denver, job Peotone, Ill., (1) \$17,500 (2) \$3250 (3) \$525 (4) \$2150 (5) \$725; comb. bid items 1 to 5, inc., \$26,000; disc. ½%.

Wm. F. Klemp Co., job Chicago: (2) \$3365; disc. 1%.

Levinson Steel Co., job Pittsburgh, Pa., (4) \$2033.

Elaw-Knox Co., job Potholes, (2) \$5200; disc. 1%.

American Bridge Co., Denver, job Minneapolis, (1) \$27,100; (5) \$1000; comb. bid, items 1 and 5, \$27,960.

Consolidated Steel Corp., job Los Angeles: (1) \$30,950.

Hiendricks Mfg. Co., Carbondale, Pa., job Potholes, (2) \$5275; disc. 1%.

Bethlehem Steel Co., Bethlehem, Pa., job Chicago: (1) \$36,000 (4) \$3,200.

St. Louis Struc. Steel Co., job East St. Louis, (1) \$15,442; disc. ½%.

Reliance Steel Prod. Co., job Rankin, Pa., (1) \$18,000; disc. 1%; job Potholes, (2) \$4950; disc. 1.

Alhambra Foundry Co., Alhambra, job Los Angeles, (1) \$17,500.

Southwest Welding & Mfg. Co., job Alhambra, (1) \$16,418; disc. ½%.

Spuck Iron & Fdry. Co., job St. Louis, (1) \$15,870; (2) \$4950; (3) \$450 (4) \$1980; (5) \$738.

Judson Pacific Co., job San Francisco, or Emeryville, (1) \$19,200.

Kohl & Vick Iron Works, job Chicago, (2) \$5362.50 (5) \$88.

Independent Iron Works, Ltd., job Oakland, (1) \$15,313; disc. ½%.

Penn Iron & Steel Co., job Los Angeles: (1) \$19,837, (4) \$2548 (5) \$1112; comb. bids, items 1 and 4, \$22,185; items 1 and 5, \$20,806; items 1, 4 and 5, \$22,824.

Berkley Steel Const. Co., job Berkeley, (1) \$15,950; disc. ½%.

Fabrimform Steel Prod. Co., Bell, job Potholes, (2) \$4950; disc. 1%.

Calif. Steel Prod. Cor., job San

Francisco, (1) \$16,486; (3) \$497; (4) \$2268, (5) \$647; comb. bid, items 1, 3, 4 and 5, \$19,500.

Lakeside Bridge & Steel Co., job Milwaukee, (1) \$18,308; (2) \$7514; (4) \$2200 (5) \$860.

Taylor & Spotswood Co., San Francisco, job Los Angeles: (2) \$5479; disc. 1%.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Golden Gate Iron Works, 1541 Howard Street, San Francisco, at \$981, was awarded contract by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 5044, for furnishing 40-ft. beam span, including structural steel, bolts, for field connections, bolts for superstructures; f.o.b. Bakersfield.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—W. S. Wetenhall Co., 17th and Wis-

was awarded contract by the Forest Service Supply Depot, Government Island, under Bid No. 5055, for reinforcing steel; job San Francisco.

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- 21.—Bridges
- 22.—Dredging, Harbor Works, Excav.
- 23.—Irrigation Proj.
- 24.—St. Light, Systems
- 25.—Machinery and Equipment
- 26.—Fire Alarm Syst.
- 27.—F. Equipment
- 28.—Streets & Highways
- 30.—Reservoirs and Dams
- 31.—Pipe Lines and Cables
- 32.—Sewers & Sewage Disposal Plants
- 33.—Water Works
- 34.—Parks & Playgrounds
- 35.—Tunnels

## BRIDGES

### COMPLETE BIDS

**VENTURA CO., Calif.**—J. E. Haddock, Ltd., 324 N. Chaco Ave., Pasadena, at \$40,363.75, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for constructing a reinforced concrete girder bridge across Big Sycamore Creek, consisting of one 9-ft. span on concrete abutments, about ten miles south of Oxnard.

Work involves:

- 1) 1,700 c.y. channel excav.;
- 2) 1,300 c.y. struc. excav.;
- 3) 150,000 lb. bar reinf. steel;
- 4) 445 c.y. Class A portland cement concrete footing blocks;
- 5) 795 c.y. Class A portland cement concrete struc.;
- 6) 6 c.y. Class A portland cement concrete railing;
- 7) 200 lf. bank protection fence;
- 8) 1 lot misc. items of work.

Complete bids follow:

(A) J. E. Haddock, Ltd., 357 North Chester Ave., Pasadena, \$40,363.75.

(B) R. R. Bishop, Long Beach, \$41,220.00.

(C) Claude Fisher Co., Ltd., Los Angeles, \$44,755.00.

(D) Oscar Oberg, Los Angeles, \$45,398.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(2).....	\$.55	\$.75	\$.20	\$.85
(3).....	5.50	6.00	7.00	6.50
(4).....	.045	.04	.05	.046
(5).....	13.00	12.00	15.00	14.40
(6).....	21.25	23.00	24.00	25.00
(7).....	55.00	70.00	60.00	75.00
(8).....	7.10	8.00	5.00	8.85
(9).....	1100.00	500.00	700.00	100.00

### LOW BIDDER

**JACKSON COUNTY, Oregon**—Tom Lingo, Reedsport, Ore., at \$22,347, submitted the low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for the construction of a 3-span deck and substructure over Trail Creek, together with approximately .0966 mile of approach grading, Tiller Trail Highway, Project 16-J1, National Forest Road Project, County of Jackson.

Work involves:

- (1) 700 c.y. unclass. excav.;
- (2) 117 c.y. Class A concrete;
- (3) 49 c.y. Class B concrete;
- (4) 175 c.y. Class D concrete;
- (5) 54,000 lbs. reinf. steel;
- (6) 142,000 lbs. struc. steel.

### CONTRACT AWARDED

**SISKIYOU CO., Calif.**—A. Soda & Son, 5231 Grove St., Oakland, at \$30,562, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer,

Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across the Scott River about one mile southwest of Fort Jones, consisting of four 30-ft. 6-in. spans and two 23-ft. spans on concrete pile bents and grading and applying road-mixed surfacing to approximately 4-mile of roadway.

### CONTRACT AWARDED

**SAN DIEGO CO., Calif.**—E. G. Carroll, 4396 Maryland St., San Diego, at \$46,810, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening a reinforced concrete girder bridge across San Onofre Creek, 17 miles north of Oceanside. Bridge consists of six 50-ft. spans on concrete piers, with pile foundations.

### BIDS WANTED

**HUMBOLDT COUNTY, Cal.**—Until August 20, 11 A. M., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, for repairing the bridge across South Fork of the Eel River near Garberville in Road District No. 2.

Plans and specifications may be obtained at the office of Frank E. Kelly, County Surveyor, 2nd and K Sts., Eureka.

### BIDS WANTED

**LOS ANGELES Calif.**—Until August 31, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors, Mame B. Beally, Clerk, 501 Hall of Records, for the construction of a bridge on Broadway, over La Miranda Slough. The proposed bridge will consist of one 40-foot span, with a 24-foot roadway, steel girders, concrete deck, timber abutments and railings. W. D. Armstrong, County Bridge Engineer.

### BIDS WANTED

**LOS ANGELES, Calif.**—Until August 31, 2 P. M., bids will be received by the Los Angeles County Supervisors, Mame B. Beally, Clerk, 501 Hall of Records, for the construction of a bridge on Colima Road over La Miranda Slough. The proposed bridge will consist of one 40-foot span, with 24-foot roadway, steel girders, concrete deck, timber abutments, and railings. W. D. Armstrong, County Bridge Engineer.

### COMPLETE BIDS

**LOS ANGELES, Calif.**—Huffman Eng'r & Constr. Co., 2922 E. 7th St., Los Angeles, at \$13,214.90, submitted the low bid to the Los Angeles Bd. of Public Works for construction of

the Pomeroy Avenue bridge over Ramona Blvd.

Work involves:

- (1) 232 cu. F. concrete;
- (2) reinf. steel, lump sum;
- (3) ornam. concr. rail, lump sum;
- (4) reinf. concr. piles, lump sum;
- (5) 432 sq. ft. 3-in. walk.

Total bids follow:

(A) Hoffman Engrg. & Constr. Co.	\$13,214.90
(B) J. E. Haddock	13,467.40
(C) Lynch-Cannon Engrg. Co.	13,534.00
(D) Contracting Engrs. Co.	13,748.80
(E) Carlo Bungiovanni	13,756.12
(F) Lovrich & Konjevod	20,370.40

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$43.75	\$145.00	\$600	\$950	\$0.15
(B)	45.50	1500	325	1000	.20
(C)	43.00	1200	750	1500	.25
(D)	12.00	1800	540	1600	.15
(E)	11.00	1500	675	2000	.16
(F)	69.50	985	2272	903	.20

### CONTRACT AWARDED

**LINN CO., Oregon**—Joplin & Eldon, 3101 N. Colonial Blvd., Portland, at \$2,875, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Ore., for constructing and improving 0.1042 m. of North Sanjam River Bridge, consisting of three continuous steel plate girder spans with concrete substructures and deck, together with approach grading, North Santiam Highway Project, 24E5, National Forest Road Project, located within or partly within the Willamette National Forest, County of Linn, State of Oregon.

### CONTRACT AWARDED

**ALASKA**—R. J. Sommers Construction Co., Juneau, Alaska, at \$9,713.50, was awarded contract by the U. S. Bureau of Public Roads, for the construction of a bridge and approaches for Crow Creek Highway, Alaska Forest Project 12-A3.

### CONTRACT AWARDED

**ALASKA**—Custar Meadows & Oja, Juneau, Alaska, at \$5,939.10, awarded contract by the U. S. Bureau of Public Roads, for the construction of a timber trestle bridge for Sitka Highway, Alaska Forest Project 11-B2.

### CONTRACT AWARDED

**TRINITY CO., Calif.** Valley Construction Co., 47 W. Santa Clara Avenue, San Jose, at \$20,991.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge across Poso Creek about 12 miles north of Bakersfield consisting of two 32-ft. 6-in. spans and two 21-ft. 6-in. spans on concrete pile bents and grading about .02 mile of roadway approaches.

### DATE CHANGED

**HUMBOLDT COUNTY, Cal.** Until September 1st, 2:00 P. M. (closing) from September 3rd, bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairs to the existing timber bridge across Big Lagoon, 10 miles north of Trinidad Humboldt Co. Work involves:

- (1) 1 lot remove and replace portions of existing bridge.

## Capital City Title Company

•

**JAMES E. BANCROFT**  
*Manager*

•

801 J Street  
Sacramento : California

- (2) 178,000 lbs. bar reinf. steel;  
 (3) 1,655 c.y. class A portland cement concrete;  
 (4) 1 lot painting timber railing;  
 (5) 1 lot misc. items of work.  
 Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**JACKSON CO., Oregon.**—Tom Lillebo, Reedsport, Ore., at \$22,347, submitted the low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for the construction of a 3-span deck and substructures over Trail Creek, together with approximately .0066 mile of approach grading, Tiller Trail Highway, Project 16-J1, National Forest Road Project, County of Jackson.

- Work involves:  
 (1) All road, extra and misc. force account work;  
 (2) 200 c.y. unclass. excav. for struc.;  
 (3) 500 c.y. unclass. excav. for borrow;  
 (4) 1000 sta. yds. special overhaul;  
 (5) 20 c.y. m. special overhaul;  
 (6) 117 c.y. class A concrete;  
 (7) 49 c.y. class B concrete;  
 (8) 175 c.y. class D concrete;  
 (9) 54,000 lbs. reinforcing steel;  
 (10) 142,000 lbs. structural steel;  
 (11) 20 c.y. hand laid rock embankment, Type 3.

Total bids follow:

- (A) Tom Lillebo, Reedsport, Oregon \$22,347  
 (B) Av-rill & Corbin, Rt. 10, Portland 23,997  
 (C) Mountain States Constr. Co., Eugene 24,193  
 (D) E F & W F, Philpot, Portland 24,310

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$300.00	\$300.00	\$300.00	\$300.00
(2)	2.00	5.00	3.50	4.00
(3)	.50	.50	.55	.50
(4)	.02	.03	.02	.03
(5)	.20	.20	.20	.30
(6)	20.00	27.50	22.00	22.00
(7)	18.00	25.50	20.00	19.00
(8)	23.00	27.00	24.00	27.00
(9)	.055	.035	.055	.055
(10)	.078	.071	.085	.082
(11)	4.00	6.00	10.00	4.00

**BIDS WANTED**

**ORANGE CO., Calif.**—Until Aug. 23, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, 908 State Building, Los Angeles, for repairing the bridge across Santa Ana River, four miles east of Anaheim, Orange County.

- Work involves:  
 (1) 1 lot existing deck removed and disposed of;  
 (2) 25,000 lbs. bar reinforcing steel in place;  
 (3) 130 c.y. Class A portland cement concrete in place;  
 (4) 15,000 lb. m. redwood timber, dense, select, all-heart structural grade, in place;  
 (5) 74,000 lb. m. Douglas fir timber, in place;  
 (6) 1 lot painting.  
 Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SHASTA CO., Calif.**—M. A. Jenkins, 3509 Y Street, Sacramento, at \$4,192.20, was awarded contract by F. W. Haselwood, District Engineer, District 11, State Division of Highways, Redding, for the construction of a bridge at Salt Creek, 15 miles east of Redding. The existing timber trusses are to be removed and replaced by steel plate girders.

**DATE CHANGED**

**MENDOCINO COUNTY, Cal.**—Until Sept. 1, 2.00 P. M. changed from

September 8th) bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge and approaches about 1.2 miles; the approaches to consist of a graded roadbed with a penetration of treated applied, at Dry Creek, between McDonald and Yorkville.

Work involves:

- (1) Clearing and grubbing;  
 (2) 570 M. gals. watering;  
 (3) 12,200 c.y. rdwy. excav., without class;  
 (4) 225 c.y. ditch and channel excav.;  
 (5) 550 c.y. struc. excav.;  
 (6) 109,000 sta. yds. overhaul;  
 (7) 6,050 c.y. imported borrow;  
 (8) 62 sta. finishing rdwy.;  
 (9) 36 tons liq. asph., SC-2, penetration oil treatment;  
 (10) 43,800 lbs. bar reinf. steel;  
 (11) 190 c.y. class A portland cement concrete strucs.;  
 (12) 63 c.y. class A portland cement conc. footing blocks;  
 (13) 450 lf. 18-in. CMP;  
 (14) 40 lf. 36-in. CMP;  
 (15) 258 lf. solid timber railing;  
 (16) 22 each culvert markers;  
 (17) 2.4 miles new property fence;  
 (18) 6 each drive gates;  
 (19) 100 c.y. wired riprap;  
 (20) 1 bridge remove and dispose of;  
 (21) 1 lot misc. bridge items;  
 (22) 26 each, monuments complete, in place.

The state will furnish CMP and hand coupler, etc.

Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

**ALASKA**—Custar-Meadows & Oja, Juneau, Alaska, at \$6,244, was awarded contract by the U. S. Bureau of Public Roads for the construction of Lake Creek Bridge, for Glacier Highway, Alaska Forest Project 2-D3.

**22—DREDGING HARBOR WORKS, EXCAVATION****CONTRACT AWARDED**

**CORDOVA, Alaska.**—Pugnet Sound Bridge & Dredging Co., 2929 16th St. SW, Seattle, at \$56,000, was awarded contract by the U. S. Engineer Office, Seattle, for construction of breakwater and dredging at Cordova.

**CONTRACT AWARDED**

**DRY PASS, Alaska.**—Pugnet Sound Bridge & Dredging Co., 2929 16th St. SW, Seattle, at \$56,000, was awarded contract by the U. S. Engineer Office, Seattle, for dredging materials and removal of rocks at Dry Pass, Alaska.

August 11, 1937

**BIDS OPENED**

**OAKLAND, Cal.**—American Dredging Co., 255 California St., San Francisco, at \$30 per c.y., submitted low bid to the City of Oakland Port Commission, Oakland, for 15,000 c.y. dredging, 7th St. Unit, Outer Harbor Terminal.

Total bids follow:

	per c.y.
American Dredging Co., 255 California St., S. F.	\$30
Healy-Tibbitts Const. Co., S. F.	38
San Francisco Bridge Co.	42 1/2

**CONTRACT AWARDED**

**BERKELEY, Alameda Co., Calif.**—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at 20.23 per ft. was awarded contract by the Berkeley Council City Clerk, City Hall, for driving 50 green and 12 creosoted piles at Yacht Harbor.

Total bids follow:

Healy-Tibbitts Const. Co., 64 Pine St., San Francisco—\$0.23 per ft.  
 Ben C. Gerwick, Inc.—\$0.274.  
 Luncanson-Harrelson Co.—\$0.285.  
 M. B. McGowan—\$0.323.

**BIDS OPENED**

**SAN FRANCISCO.**—San Francisco Bridge Co., 503 Market St., San Francisco, at \$1,594, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-10, for removing an obnoxious structure in San Francisco Bay at a point about 3,000 feet northerly from the bayward end of the solid fill of the Key System pier. Only other bidder was Smith Rice Co., Inc., Pier 14, San Francisco, at \$2,490.

**LOW BIDDERS**

**MARE ISLAND, Calif.**—Geo. Pollock Co., P. O. Box 903, Sacramento, at \$2,790,875 (Item 1) and \$2,636,975 (Item 2) submitted the low bid to the Bureau of Yards and Docks, Navy Department, Washington, D.C., under Sped. No. 8258, for the construction of a concrete drydock on wood piles, including quay walls at the entrance to dock, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, drain piping, railings, wood floor and dock fittings. Work includes the construction of earthwork, removal of existing work and protection of adjacent structures. Est. cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 feet wide and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

Work involves:

- (1) For entire job;  
 (2) For all work covered by Alternate "A".

**ALTERNATE "A":** All work on dock proper, omitting structures and portions of structures outside of lines of dock proper. Omit construction of capstan and bollard foundations; crane track foundations; manholes and duct lines outside lines of dock proper, including manholes and duct lines within quay walls; all track material except the anchor bolts on dock proper; backfill above elevation of 104; and fill on the quay walls above elevation of 104.5; and grading behind dock and quay walls.

Total bids follow:

- (A) George Pollock Co., P. O. Box 903, Sacramento: (1) \$2,790,875; (2) \$2,636,975.  
 (B) Pacific Bridge Co., San Francisco: (1) \$2,883,000; (2) \$2,783,000.  
 (C) Siems-Helmers & Johnson-Drake-Piper, Minneapolis: (1) \$3,044,000; (2) \$2,794,000.

Individual bids, inc. other proposals submitted by the various contractors, will be published shortly.

**23—CANALS****BIDS WANTED**

**ALL-AMERICAN CANAL.**—Until September 2nd, 10 00 A. M. bids will be received by the U. S. Bureau of Reclamation, Federal Building, Yuma Arizona, under Spec. No. 744, for the construction of earth lining, from Station 51-50 to Station 691-46, All-American Canal.

Work involves:

- (1) 242,200 cu. yds. of compacted earth lining;  
 (2) 64,400 cu. yds. of uncompacted earth lining.

Plans and specifications may be obtained from the above office. \*

## 4-STREET LIGHTING

**BIDS OPENED**  
LOS ANGELES, Cal.—R. A. Watt-son, 1026 N. McCadden Place, at \$18,964, submitted the low bid to the Los Angeles Board of Public Works, for the construction of an ornamental lighting system in Figueroa Street, between Bishop Road and New Detont Street, a cash contract, involving 64 1-light Marbelite posts.

Total bids follow:	
A. Watson.....	\$18,849.64
H. Walker, Inc.....	18,875.00
C. Bauerle.....	19,041.00
H. Walker.....	19,071.00
C. Nickel.....	19,210.00
erberry Elec. Corp.....	19,272.00
Marbelite Corp. of America.....	19,366.00

## CONTRACT AWARDED

LOS ANGELES, Cal.—R. A. Watt-son, 1026 N. McCadden Place, at \$18,964, was awarded contract by the Los Angeles Board of Public Works, for the construction of an ornamental lighting system in Figueroa St., between Bishop Road and New Detont Street, a cash contract, involving 64 1-light Marbelite posts. \* 24

## 5-MACHINERY AND EQUIPMENT

**BIDS OPENED**  
BOULDER CANYON PROJECT.—The following submitted bids to the Bureau of Reclamation under Spec. 43-D, for six 200 kva and two 400 and 277/480 V volt transformers: Standard Transformer Co., Warren, Ohio—\$4,469.40.

Wolff Elec. Works, Portland, Ore.—\$536.

R. E. Uptegraft Mfg. Co., Pittsburg—\$4,578; 1%.

Kuhlman Elec. Co., Bay City, Mich.—\$4,632.12.

Coloney Elec. Co., St. Louis—\$4,848.

Wagner Elec. Corp., St. Louis—\$4,756.

American Transformer Co., Newark, N. J.—\$4,920.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—\$4,950.72.

Pennsylvania Transformer Co., Pittsburgh—\$5,217.

Illis-Chalmers Mfg. Co., Pittsburgh—\$5,318.10.

Graybar Inc. Co., Denver, Colo.—\$5,609.94.

General Elec. Co., Schenectady, N. Y.—\$5,609.94.

**BIDS WANTED**  
WARM SPRINGS, Alameda Co., Calif.—Until August 23, 10 a. m., bids will be received by the Board of Trustees of the Warm Springs School District, Alameda County, for furnishing a 37-42 passenger new school bus.

Plans and specifications may be obtained at the office of Jos. S. Brown, Clerk, Board of Trustees of Warm Springs School District, School Building, Alameda. \* 25

**BIDS WANTED**  
DELANO, Kern Co., Calif.—Until August 16, 8 p. m., bids will be received by the Delano City Council,cott G. Ladd, City Clerk, for a closed cab "pick-up" or light truck or use of the Municipal Water Department.

**BIDS WANTED**  
SAN FRANCISCO, Calif.—Until August 20, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1881, for 2510 suspension insulator units, brown porcelain, 10-inch diameter, for Electric Power Bureau.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

SAN FRANCISCO, Calif.—The following submitted identical bids at \$45,536 (Item 1) and \$745,776 (Item 2), to C. 30 days, to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, under Bid No. 1871, for 48 steel car wheels for the Municipal Railway (1) 2½-inch; (2) 3-inch:

Columbia Steel Co.	
Edgewater Steel Co.	
Standard Steel Works.	
Bethlehem Steel Co.	
American Steel Foundry.	

## BIDS OPENED

SAN FRANCISCO, Calif.—H. V. Carter Co., Inc. 52 Beale St., at \$1433, submitted low bid to T. A. Brooks, Purchaser of Supplies, 280 City Hall, under Spec. 1874, for one combination tractor with dump body and lawn mower, for the Recreation Department.

Total bids follow:

H. V. Carter Co., Inc., 52 Beale St.	\$1433; 2% 20 days.
G. F. Bishop Co.—\$1465 net.	
Peterson Tractor & Equipment Co.	\$1685.66 net.

## BIDS WANTED

BOULDER CANYON PROJECT.—Until September 7, 2 p. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 960-D, for two 230-kilovolt, 3-pole disconnecting switches; and two 230-kilovolt, 3-phase, outdoor type lightning arresters for installation in the Boulder Power Plant, Boulder Canyon Project. Work to be installed by the Government; f.o.b. shipping point and/or Boulder City.

Plans and specifications may be obtained from the above office. \*

## BIDS WANTED

ALL-AMERICAN CANAL.—Until August 25, 2 p. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 958-D, for five vertical, motor-driven, pumping units: one having a capacity of 10 cu ft. per second at a total dynamic head of 8.8 ft.; two having capacities of 10 cu ft. per second at a total dynamic head of 4 ft.; one having a capacity of 9 cu ft. per second at a total dynamic head of 3.4 ft.; and one having a capacity of 5 cu ft. per second at a total dynamic head of 3.5 ft., for installation in pumping plants on the All-American Canal system, Boulder Canyon project.

Plans and specifications may be obtained at the above office.

## BIDS OPENED

FORT MASON, Calif.—The Howe Scale Co., 118 4th St., San Francisco, at \$2175 submitted the low bid to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 294-38-26, for furnishing 11 platform scales, 300 lbs. capacity f.o.b. Fort Mason.

Total bids follow:

The Howe Scale Co. 118 4th St., San Francisco	\$2175
Fairbanks Morse & Co.	2245
Baker-Hamilton & Pacific Co.	2775

## BIDS WANTED

ALL-AMERICAN CANAL.—Until August 23, 2 p. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 677-D, for one motor-driven, vertical shaft deep-well turbine pumping unit having a capacity of 125 gals. per minute at a total dynamic head

of 210 ft.; and six motor-driven, vertical, centrifugal, submerged type, sump pumps, having a capacity of 200 gals. per minute at a total dynamic head of 30 ft., for installation at the Imperial Dam and desilting works, All-American Canal System, Boulder Canyon project. Apparatus will be installed by the Government; f.o.b. shipping point and/or Yuma, Arizona.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

BONNEVILLE, Oregon.—The following submitted bids to the District Engineer, U. S. Engineer Office, Bonneville, Oregon, for steel trash racks, gates, stop logs, lifting beams, dogging devices and storage hooks for the powerhouse at Bonneville Dam; f.o.b. shipping point and/or Bonneville.

Work involves:

SCHEDULE I	
30 Main unit trash rack intermediate sections;	
6 Main unit trash rack bottom sections;	
4 Station service unit trash rack intermediate sections;	
1 Station service unit trash rack bottom section;	
1 Station service unit trash rack top section	

SCHEDULE II

7 Trash sluice weir gates;	
21 Trash sluice weir stop logs;	
18 Dogging devices for gates;	
14 Stop log storage hooks;	
1 Station service trash gate;	
1 Trash sluice control gate;	
1 Trash rack lifting beam;	
1 Trash sluice lifting beam.	

Total bids follow:

Lakeside Bridge & Steel Co., Milwaukee—Sch. I, \$52,000; Sch. II, \$25,740; Total, \$77,740, f.o.b. shipping point.	
Worden & Allen — \$33,370; \$26,493; \$59,860 do.	
Star Iron & Steel Co., Tacoma—\$34,871; \$33,726; \$68,597, f.o.b. shipping point, and \$35,269, f.o.b. shipping point, f.o.b. Bonneville.	

Consolidated Steel Corp., Los Angeles—\$35,991; \$31,767; \$67,759, f.o.b. shipping point.

Following submitted bid on Schedule I only:

Steel Tank & Pipe Co., Portland—\$26,561, f.o.b. shipping point.

Berkeley Steel Construction Co.—\$34,323, f.o.b. Bonneville.

Herrick Iron & Steel Works, Oakland—\$28,480, f.o.b. shipping point, and \$39,760, f.o.b. Bonneville.

Minneapolis Power Implement Co.—\$36,728, f.o.b. shipping point.

King Bros., Portland—\$53,064, f.o.b. Bonneville.

The U. S. Engineer's Office is waiting freight rates; therefore, the low bidder has not been ascertained. \*

**BIDS WANTED**  
ALL-AMERICAN CANAL.—Until August 23, 2 p. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 956-D, for structural steel and steel castings for the railroad bridge over the Pilot Knob wasteway, All-American Canal system, Boulder Canyon Project. Material will be installed by the Government.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

SACRAMENTO, Cal.—Western Machinery Co., 760 Fulton St., San Francisco, at \$708, submitted low bid to the U. S. Engineer Office, Civil Engineering District Engineer, Sacramento, under Bid No. 1105-38-25, for furnishing and operating for

100 hours, one portable air compressor, for use at the Ruck-a-Chucky Dam site.

Total bids follow:

	Per Hr.	Total
Western Machy Co., 760 Polson St., S. F.	\$1.18	\$ 708
Sam Bates	1.20	720
W. H. Cowan	1.21	726
Leitch & Co.	1.50	900
Machy & Drill Co., Inc.	1.61	966
Kirk Hillman Co.	2.25	1350
Lerer Bros.	2.22	1352
J. James, Oakland	2.75	1650
C. A. Baker, No. Sacro.	2.95	1770
Pacific Truck Service, Inc., San Jose	3.15	1890
P. B. Hackley Equipment Co., San Francisco at \$340, submitted an irregular bid.		

#### BIDS OPENED

**FORT MASON, Calif.**—The following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, Calif., under Bid No. 928-38-16, for one steam turbine:

Murray Iron Works Co., Burlington, Iowa \$1660, f.o.b. Burlington.
Almore Steam & Turbine Corp., W. Henville, N. Y. \$2203, f.o.b. Wellsville.
General Electric Co., Schenectady—\$2711, f.o.b. Lynn, Mass. 25

#### BIDS WANTED

**SAN DIEGO, Cal.**—Until Aug. 16, 10 A. M., bids will be received by the San Diego County Purchasing Agent for furnishing two 50-hp. track-laying type tractors, weight without equipment to be not less than 12,000 lbs.; Quotation No. 344. Bidders to submit allowances for two used 60-hp. caterpillar tractors, Nos. 423 and 553 the former to be seen at the Lemon Grove Road Station and the latter at the San Luis Rey Road Sta. Prices on new equipment are to be delivered at County Garage, 14th and F Streets.

#### BONDS DEFEATED

**LYON CO., Nevada.**—Voters of Lyon County last week at a special election defeated a proposal to issue bonds in the amount of \$25,000 for the purchase of highway equipment.

## 26—RAILROADS

#### CONTRACT AWARDED

**CRESCENT** Klamath Co., Ore.—Ken & Kolbe 42 SE Salmon Street, Portland was awarded contract by the Governor Timber Co., B. V. Wright Agent, Klamath Falls, for the construction of 11 miles of railroad from Southern Pacific line at Mouth to one mile north of Crescent on The Dalles-California Highway and about a 20-ft dam on the Des Chutes River to provide for low mill pond.

The construction of a lumber mill now being contemplated. \* 26

## 29—STREETS AND HIGHWAYS

#### BLUE PRINT AVAILABLE

**SACRAMENTO, Cal.**—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available on work for which bids will be opened in Sacramento Aug. 25, and in Los Angeles, Aug. 26.

Following is a list of blue prints and prices:

V-Mon-56-D Bridge across Sahuas River at S. F. bid, bids to be opened in Sacramento, TH ANS (No sheets) 10; (Cost) \$150; \* Cross-Sections; total, \$150

VIII-SBd-5-16-KL, A. B. C. D, between Amb. and Essex and bet Vidal and Newell; bids to be opened

in Los Angeles; Plans and Cross-Sections; None

VIII-SBd-191-A, bridge across Caliche Creek, bids to be opened in Los Angeles (No. of sheets) 6; (Cost) \$60; No Cross-Sections; total \$60.

Requests for the above plans, specifications and proposal forms must be addressed to the office of State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

#### CONTRACT AWARDED

**BOISE, Idaho.**—H. E. Cornell, Boise, Idaho, at \$79,799, was awarded contract by the U. S. Bureau of Public Roads, Ogden, Utah, for 4.115 mi. highway improvement North Fork Payette, Project No. 23-C2-D2.

#### COMPLETE BIDS

**SAN BERNARDINO and Riverside Cos., Cal.**—Oswald Bros., 366 E 58th St., Los Angeles, at \$16,835.50 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to 16.9 miles of existing shoulders in San Bernardino and Riverside Counties.

Work involves:

- (1) 926 tons liquid asphalt, SC-4;
- (2) 112,500 sq. yds. preparing, mixing and shaping shoulders.

Complete bids follow:

- (A) Oswald Bros., 366 E 58th St., Los Angeles: (1) \$11.50; (2) \$65.52, total, \$16,836.50.
- (B) Geo. Herz & Co., San Bernardino: (1) \$12.50; (2) \$66; total, \$18,225.00.
- (C) S. Vinnell Co., Alhambra: (1) \$12.80; (2) \$67; total, \$19,727.80.
- (D) Oilfields Trucking Co., Bakersfield: (1) \$11.51; (2) \$68.55; total, \$20,220.76.

#### COMPLETE BIDS

**IMPERIAL, Cal.**—G. W. Ellis, 5240 Lankershim Blvd., North Hollywood, at \$57,469.20, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for grading and surfacing with plant-mix surfacing about nine and four-tenths (9 4/10) miles between Holtville and Brawley.

Work involves:

- (1) 960 M gals. water;
- (2) 21,500 cu. yd. roadway excav. without class 1;
- (3) 222,000 sta. vds. overhaul;
- (4) 4,300 cu. str. excav.;
- (5) 120 cu. y. remove concr.;
- (6) 490 sta. finishing roadway;
- (7) 11,150 tons gravel base;
- (8) 50 tons asphaltic emulsion;
- (9) 25,600 tons mineral aggregate plant-mix surf.;
- (10) 1,030 tons liq. asphalt, MC-5 or MC-extra heavy plant mix surf.;
- (11) 45 tons liq. asphalt, MC-3 stock-pile;
- (12) 5 tons liq. asphalt, SC-2, prime coat.

- (13) 26,000 lbs. bar reinf. steel strucs.;
- (14) 360 cu. yd. class A portland cement concr. strucs.;
- (15) 12-in. CMP;
- (16) 912 lf 18-in. CMP;
- (17) 176 lf 18-in. CMP siphons;
- (18) 148 lf 24-in. CMP siphons;
- (19) 60 lf 30-in. CMP siphons;
- (20) 190 lf 36-in. CMP siphons;
- (21) 34 each, conc. pipe joints;
- (22) 90 lf remove pipe culverts;
- (23) 15 M. ft. b.m. Douglas fir timbers;
- (24) 95,100 lf remove side forms;
- (25) 15 each, culvert markers;
- (26) 34 each, culvert markers, move and reset.

The State will furnish CMP, etc.

- Complete bids follow:
- (A) G. W. Ellis, 5240 Lankershim Blvd., North Hollywood, \$57,469.20.
  - (B) K. E. Hazard & Son, San Diego: \$58,314.07.
  - (C) Oswald Bros., Los Angeles: \$92,537.50.
  - (D) V. R. Dennis Const. Co., San Diego, \$103,004.50.
  - (E) Griffith Co., \$110,108.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$1.25	\$1.20	\$1.25	\$1.00	\$2.00
(2).....	.25	.25	.20	.25	.30
(3).....	.005	.005	.005	.01	.01
(4).....	1.00	1.00	1.15	1.00	1.20
(5).....	3.00	3.00	4.00	4.00	5.00
(6).....	4.00	4.00	5.00	11.00	4.00
(7).....	.90	.95	1.20	1.25	1.30
(8).....	25.00	20.00	28.00	22.00	25.00
(9).....	1.20	1.40	1.40	1.50	1.80
(10).....	17.00	16.00	17.00	18.00	17.00
(11).....	17.00	16.00	17.00	18.00	17.00
(12).....	29.00	14.00	30.00	18.00	25.00
(13).....	.06	.05	.05	.05	.05
(14).....	25.00	20.00	21.00	25.00	25.00
(15).....	40.00	40.00	30.00	25.00	40.00
(16).....	50.00	50.00	40.00	35.00	60.00
(17).....	75.00	50.00	50.00	50.00	70.00
(18).....	1.00	.75	.60	.60	1.00
(19).....	1.25	.90	.75	.75	1.50
(20).....	1.50	1.25	1.00	1.00	1.75
(21).....	5.00	6.00	5.00	10.00	10.00
(22).....	.25	.40	.50	.60	.70
(23).....	100.00	75.00	80.00	70.00	100.00
(24).....	.01	.003	.01	.01	.015
(25).....	3.00	3.00	2.50	3.00	3.00
(26).....	2.00	2.00	2.00	2.00	3.00

#### COMPLETE BIDS

**NAVAJO CO., Ariz.**—Triangle Rock & Gravel Co., P. O. Box 250, San Bernardino, at \$43,748, submitted low bid to the U. S. Bureau of Public Roads, P. O. Box 70, New Post Office Bldg., Phoenix, Arizona, for placing selected borrow sub-base about 8.145 miles Section A & B, Route 30, Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Arizona.

Work involves:

- (1) 200 cu. yd. unclass. excav.;
- (2) 28,300 cu. yd. unclass. excavation for borrow.

Total bids follow:

- (A) Triangle Rock & Gravel Co., Box 250, San Bernardino.....\$43,748
- (B) N. G. Hill & Co., Phoenix, Ariz. ....44,871
- (C) Tabor Constr. Co., Phoenix.....47,258
- (D) W. E. Orr, Cottonwood.....52,614
- (E) So. Calif. Roads Co., Los Angeles.....52,814
- (F) Heiser & Garnett, Glendale.....54,830
- (G) All Arizona Engrg. & Constr. Co., Clifton.....57,488
- (H) Reliance Truck Co., Phoenix.....61,239
- (I) Packard Contr. Co., Phoenix.....64,308
- (J) Lewis Bros. Contr., Phoenix.....66,454
- (K) Ken Hodgman, Flagstaff 73,856
- (L) Martin Constr. Co., Tucson.....73,220
- (M) H. J. Hagen, Globe.....82,040

Unit prices follow:

	(I)	(J)
(A).....	\$0.50	\$0.64
(B).....	1.00	.665
(C).....	1.00	.69
(D).....	.50	.77
(E).....	1.50	.77
(F).....	1.35	.80
(G).....	1.00	.84
(H).....	1.00	.895
(I).....	1.00	.94
(J).....	1.50	.97
(K).....	1.00	1.08
(L).....	1.00	1.10
(M).....	1.00	1.20

#### BIDS WANTED

**ORMSBY CO., Nevada.**—Until August 20, 2:30 p.m., bids will be re-



eived by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for approximately 0.866 miles highway construction from the Nevada State Prison, Engineer's Station "A" 89+61.72 to a point approximately 2 miles east of Engineer's Station "B" 135+37.34, Ormsby County.

- Work involves:
- (1) 4.16 A. clearing;
  - (2) 107 lf. remove culvert pipe;
  - (3) 6.771 cu. rdwy. excav.;
  - (4) 13.92 yd. sta. overhaul (yard sta.);
  - (5) 330 yd. mile overhaul (yd. ml.);
  - (6) 40 c.y. struc. excav.;
  - (7) 107 M gals. water;
  - (8) 50 tons liq. asphalt, Type SC2;
  - (9) 72 cu. yd. cleanup;
  - (10) 33 sta. surface ditches;
  - (11) 6 c.y. Class B concrete;
  - (12) 140 lbs. reinf. steel;
  - (13) 176 lf. 18-in. CMP (dipped);
  - (14) 16 inch monuments;
  - (15) 50 cu. yd. rock cleanup;
  - (16) 1200 supm. roadside cleanup.
- Plans and specifications may be obtained from the above office upon deposit of \$5.00.

**CONTRACT AWARDED**

**W. A. KECK CO., Idaho.**—Western Construction Co., Pocatello, Idaho, at 13,541, was awarded contract by the Idaho Dept. of Public Works, for the construction of roadbed, drainage structures and crushed rock surfacing on 1.6 miles of the Ovid-River-Eagle Road between Sharon and Cache National Forest, FAP 218-B, Bear Lake County, Idaho.

**CONTRACT AWARDED**

**GOODING CO., Idaho.**—Hoops Construction Co., Twin Falls, Idaho, at 66,610.60, was awarded contract by the Idaho Dept. of Public Works, for the construction of the roadbed, drainage structures and crushed travertine surfacing on 7.8 miles of the Faceron-Wendell Road, Federal Aid Project No. F.A.S. 1, Gooding County, Idaho.

**BIDS WANTED**

**ELKO CO., Nevada.**—Until August 6, 2 p.m., bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nevada, for the construction of approximately 8.25 miles state highway in Elko County, 1.5 miles north of Dinner Station to a point 10.25 miles north of Dinner Station, Route 43, Section A.

- Work involves:
- (1) 475 cu. yd. sta. overhaul (yd. sta.);
  - (2) 797 yd. mile overhaul (yd. ml.);
  - (3) 530 c.y. struc. excav.;
  - (4) 8.25 mi. subgrade, Type C;
  - (5) 40.656 tons Type 1 gravel base;
  - (6) 85 cu. yd. Class A concrete;
  - (7) 29 cu. yd. Class B concrete;
  - (8) 1346 lf. 18-in. CMP (dipped);
  - (9) 280 lf. 24-in. do.;
  - (10) 122 lf. 30-in. do.;
  - (11) 154 lf. 36-in. do.;
  - (12) 7500 yd. reinf. steel;
  - (13) 12' 00" lbs. struc. steel;
  - (14) 40 MFBM untreated Douglas fir;
  - (15) 90 each, monuments;
  - (16) 408 lf. construct fence;
  - (17) 6 each, 16 ft. steel gates.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

**CONTRACT AWARDED**

**IRON CO., Utah.**—Floyd S. Whitcomb, Kayville, Utah, at \$44,166, was awarded contract by the U. S. Bureau of Public Roads, Ogden, Utah, for improvements on 1.388 mi. of highway in Cedar-Long Valley, Utah, from Sta. 267-00 to Sta. 341-39.

**COMPLETE BIDS**

**GLENDALE, Los Angeles Co., Cal.**—Geo. R. Curtis Paving Co., 2100 E. 25th St., Vernon, at \$8,725.20 submitted the low bid to the Glendale City Council, for the improvement of Grandview Ave. between San Fernando Road and Glenoaks Blvd. in accordance with plans and specifications prepared by J. C. Albers.

- Work involves:
- (1) 2400 cu. grading;
  - (2) 1875 tons asphalt concrete (for 6-in. pave. and resurf.);
  - (3) 6140 sq. ft. 6-in. conc. gutter and alley inter-sections;
  - (4) 130 sq. ft. cement driveways;
  - (5) 2040 ft. Class B curb;
  - (6) 1600 sq. ft. 2-course walk;
  - (7) remodel two culverts in place, approx. 70 c.y.

Complete bids follow:

- (A) Geo. R. Curtis Paving Co., 2100 E. 25th St., Vernon, \$8,725.20.
- (B) E. L. Fleming, Glendale, \$9,034.25.
- (C) P. J. Akmadzich, Los Angeles, \$10,008.00.
- (D) Goode & Schroder, Glendale, \$10,126.55.
- (E) Los Angeles Paving Co., Los Angeles, \$10,640.90.
- (F) C. O. Sparks and Mundo Engr. Co., Los Angeles, \$11,079.40.
- (G) Heuser & Garnett, Glendale, \$11,512.20.

Unit prices follow:

(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A)	\$570	\$2.69	\$14	\$8	\$36	\$15 \$1200
(B)	950	2.50	20	30	40	13 1100
(C)	720	2.70	20	20	45	14 1829
(D)	1300	2.37	185	25	36	15 2240
(E)	1500	2.90	23	24	30	15 1000
(F)	960	2.80	22	22	30	14 2450
(G)	2000	3.00	18	20	40	15 1700

**CONTRACT AWARDED**

**SAN RAFAEL, Marin Co., Cal.**—P. S. Harless Co., Box 594, San Rafael, at \$725, was awarded contract by Oliver H. Hartzell, Secretary of the Board of Education, San Rafael, for the construction of playground surfacing on the grounds of the B Street School, San Rafael.

**CONTRACT AWARDED**

**YAVAPAI CO., Ariz.**—Tiffany Construction Co., Box 816, Phoenix, Arizona, at \$8,197.28, was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Prescott-Jerome Highway, FA96-C. The work, which begins at a point about 22 mi. northeast of Prescott, and extends northwest about 5 1/2 miles, consists of applying asphaltic surface treatment to the existing roadway surface and is to be completed on or before September 15, 1937.

**CONTRACT AWARDED**

**MENDOCINO CO., Cal.**—Chas. L. Harney, 433 Cal. Bldg., San Francisco, at \$38,853, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and applying asphaltic surface treatment to one and two-tenths miles between the southerly boundary and Point Arena.

**CONTRACT AWARDED**

**SAN DIEGO CO., Cal.**—R. G. Carroll, 4326 Marchand St., San Diego, at \$104,166.10, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading, paving with Portland cement concrete and placing plant-mixed surfacing on crusher run base on about 2.6 mi., between one mile south of San Onofre and the north county line.

**CONTRACT AWARDED**

**ASSEN AND SIERRA COS., Cal.**—Hayward Bldg. Materials Co., Atherton and Jackson Sts., Hayward, at \$32,690, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat to about 18 miles between Doule and Nevada State Line.

erion and Jackson Sts., Hayward, at \$32,690, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying seal coat to about 18 miles between Doule and Nevada State Line.

**CONTRACT AWARDED**

**SAN DIEGO AND IMPERIAL COS., Calif.**—Square Oil Co., 916 Adeline St., Los Angeles, at \$4,995, was awarded contract by the State Highway Department, San Diego, for highway oiling in San Diego and Imperial Counties, between Julian and Kane Springs (X1-S D-imp-198-E, F, G, A), about 59.5 mi. in length, liquid asphalt to be furnished and applied.

**CONTRACT AWARDED**

**MODOC CO., Calif.**—Geo. French, Jr., P.O. Box 107, Stockton, at \$11,200, was awarded contract by F. W. Haselewood, District Engineer, District II, State Division of Highways, Redding, for surfacing with road-mix about 11.8 miles between 2.5 miles west of Cedarville and the State Line.

**COMPLETE BIDS**

**SAN LUIS OBISPO & SANTA BARBARA COS., Calif.**—L. A. Briscoe P.O. Box 656, Arroyo Grande, at \$26,521.26, submitted low bid to C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant mixed surfacing and seal coat about 18.5 miles between San Luis Obispo and Toro Creek, and between Las Cruces and Lompoc and between Lompoc and Santa Ynez.

- Work involves:
- (1) 34,000 sq. yds asphalt paint binder;
  - (2) 132 tons liquid asphalt, ROMC-4, surfacing;
  - (3) 2,500 tons mineral agg. surf.;
  - (4) 200 tons liquid asphalt, 90-95 seal coat;
  - (5) 2,370 tons screenings, seal coat.

Total bids follow:

- (A) L. A. Briscoe P.O. Box 656, Arroyo Grande \$26,521.26
- (B) Concrete Constr. Co., Ltd., Watsonville, 28,796.00
- (C) P. E. Hazard & Sons, San Diego, 33,415.00

Unit prices follow:

(1)	(2)	(3)	(4)
(A)	\$0.02	\$0.02	\$0.04
(B)	16.78	13.00	15.00
(C)	5.22	5.75	6.50
(D)	14.80	16.90	19.00
(E)	3.69	4.15	4.80

**COMPLETE BIDS**

**SANTA ANA Orange Co., Calif.**—Oswald Bros., 266 E. 58th St., Los Angeles, at \$29,949.49, submitted the low bid to the Santa Ana City Council for improvement of Broadway, between 1st and 16th Sts., a cash contract.

- The work involves:
- (1) 1 M gal water;
  - (2) 2,050 cu. yd. remove existing conc. and pave.;
  - (3) 70,450 sq. ft. remove existing asphalt surface;
  - (4) 10,185 cu. yd. prepare subgrade;
  - (5) 910 tons furnish crusher waste or equal;
  - (6) 707 cu. yd. Class A portland cement conc. curb and walks;
  - (7) 665 cu. yd. Class A portland cement conc. travel;
  - (8) 950 tons asphalt conc. pave (base course);
  - (9) 1962 tons asphalt conc. (finishing course);
  - (10) 902 tons asphalt conc. (Type B surf.);
  - (11) 67 tons asphalt conc. (curbface finish);
  - (12) 13 cu. yd. struc. excav.;
  - (13) 161 cu. yd. Class A portland cement concrete construction;
  - (14) 12647 lbs. bar reinf. steel.

10 167 lbs. 20-lb. steel rails;  
 11 162 lbs. 20-ga. galv. sheet iron;  
 12 151 lb. galv. angle iron, 3x5x1/2;  
 13 80 gal. of T frames and covers;  
 14 2 1/2 cu. yd. curb armor;  
 15 1 1/2 cu. yd. pavement dowels;  
 16 1 1/2 cu. yd. reset sewer manhole  
 covers to new grade.

Estimated bids follow:

17 H. C. Miller Bros., \$32,941.49.  
 18 Gray-Miller Const. Co., Long  
 Beach \$33,529.26.  
 19 W. H. & Bre-sler, Santa Ana,  
 20 29,129.90.

Estimated prices follow:

	(A)	(B)	(C)
1	\$1.00	\$1.50	\$1.50
2	.15	.20	.25
3	.015	.02	.06
4	.11	.15	.11
5	1.25	1.75	2.00
6	14.00	14.00	12.50
7	8.00	8.50	10.00
8	2.90	3.20	3.20
9	3.50	2.90	3.20
10	3.75	3.10	3.35
11	4.00	5.00	6.00
12	1.50	1.50	1.50
13	20.00	25.00	27.50
14	.05	.05	.07
15	.04	.04	.06
16	.10	.10	.12
17	1.50	1.60	1.75
18	25.00	21.00	25.00
19	1.00	.85	1.00
20	.12	.12	.14
21	5.00	10.00	20.00

#### RECOMMENDED FOR AWARD

1. IHO COUNTY, Nev. Utah Construction Co., Ogden, Utah, at \$46,725.10 was recommended for award by the U. S. Bureau of Public Roads.  
 2. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading approximately 2.872 miles of Section C of Route 18, Owenshee River National Forest Highway, Humboldt National Forest, Elko County.

#### RECEIVED TOTAL BIDS

1. MAXIN CO., Calif.—Macco Constr. Co., 512 Paramount Bldg., Clearwater, at \$12,766.67 as previously reported, admitted by bid to District Engineer, U. S. Engineer Office, 401 Market St., San Francisco, for widening road by about 10.600 ft. in length, beginning at a point 100 ft. east of the Fort Barry bridge, in Marin County, and extending 300 ft. northwesterly to the center of the balloon bridge, and in a general westerly direction to Redon Lagoon, thence easterly to the end of the road, and thence along the roadway and including the filling and grubbing, road widening and reconstruction of the roadway, constructing a creosote treated timber bridge, with concrete piers and miscellaneous concrete structures, preparing road surface, filling, paving, and drainage work.

2. Number of the contract and other bids on the basis of the estimated quantity on the revised list of specifications, including extensions, were reported yesterday.

3. Chain as published in the total bids were:

1. Clearwater—  
 2. Sacramento \$17,000.  
 3. W. H. & Bre-sler, San Rafael \$17,000.  
 4. H. C. Miller Bros., San Francisco \$32,941.49.  
 5. Gray-Miller Const. Co., Long Beach \$33,529.26.  
 6. W. H. & Bre-sler, Santa Ana \$29,129.90.

7. George Pollock Co., Sacramento \$56,983.00.  
 8. Guerin Brothers, San Francisco \$59,533.80.  
 9. Fritcherson & Watson and Fredrickson Bros., Oakland \$82,563.60.  
 10. E. J. & Smith, San Francisco \$56,613.50.  
 11. K. Van Bokkelen Const. Co., Oakland \$76,383.10.  
 12. Government estimate, \$47,559.35.

#### PLAN APPROVED

1. LOMPOC, SANTA BARBARA CO., CALIF.—H. Gibson, District Engineer, state Highway Department reports that the Bureau of Public Roads has approved the proposed construction of this section is \$20,000. San Luis Obispo County will contribute \$30,000 and the federal government \$40,600 toward the cost of the first section. Total cost of the road from Lompoc to Guadalupe, across the Tevis Maria Rancho is estimated at \$300,000.

#### BIDS WANTED

1. STOCKTON, San Joaquin Co., CAL.—Until August 16, 5 p. m., bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, Stockton, for the improvement of Hunter Street from the north line of Miner Avenue to the south line of Harding Way.

Work involves:

2. 9,800 sq. ft. existing pavement scarified and reshaped;
- 702 tons rock screening binder material;
- 34 tons road oil, prime coating base;
- 1051 tons rock screening wearing surface;
- 52 tons bituminous surface armor and wearing surface;
- 33 manhole frames and covers to be raised or lowered.

Plans and specifications may be obtained from the above office or at the office of the City Engineer, City Hall, Stockton.

#### LOW BIDDERS

1. SAN BERNARDINO AND RIVERSIDE COUNTIES, CALIF.—Oswald Bros., 208 E. 55th St., Los Angeles, at \$18,826.50, submitted by bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to 184 miles of existing shoulders in San Bernardino and Riverside Counties.

Work involves:

- 406 tons bit. asph., SC-4;
  - 127,500 cu. yd. preparing, mixing and shaping shoulders.
2. Herz & Co., San Bernardino, at \$18,725, submitted the second low bid.

#### BIDS WANTED

1. SANTA CLARA CO., CALIF.—Until August 16, 11 a. m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of two reinforced concrete retaining walls and 1160 sq. yd. walls, near Bridges 2 and 3 on the Gish Road. Plans and specifications may be obtained from the above office upon deposit of \$1.00.

#### CONTRACT AWARDED

1. PLUMAS COUNTY, CALIF.—Harms Bros., 920 21st Ave., Sacramento, at \$100,000, awarded contractor for the 10.5 miles of Public Road, D. H. Sweetser, District Engineer, Federal Office Bldg., San Francisco, for placing bituminous treatment on Sections C, D and E and maintenance with bituminous treatment on Sections A

and B, Route 20, Almanor National Forest, Highway, Plumas National Forest, Plumas County, involving 9.492 miles.

#### BIDS WANTED

1. SANTA CLARA CO., CALIF.—Until August 16, 11 a. m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the erection of a metal crib retaining wall on the Gish Road, near Turba's place, Santa Clara County. Plans and specifications may be obtained from the above office upon deposit of \$1.00.

#### CONTRACT AWARDED

1. KLAMATH CO., OREGON.—Saxton, Looney & J. S. Fiskey, Henry Bldg., Portland, at \$62,804.80, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing and improving about 3.939 miles of Crater Lake National Park Rim Rd., Cloud Gap to Kott Notch, Project No. 7-C1 surfacing, National Park Road Project, located within the Crater Lake National Park, Klamath County. \* 29

#### BIDS WANTED

1. OAKLAND, Alameda Co., CALIF.—Until August 17, 2 p. m., bids will be received by the City Engineer, City Hall, 411 W. W. Chappell, Clerk, City Hall, for the repair of cement sidewalks on the City of Oakland for the period of September 1, 1937, to December 31, 1937.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

1. MADERA CO., CALIF.—Until Aug. 24, 2 p. m., bids will be received by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal office Building, Civic Center, San Francisco, for 2.88 miles bituminous treated surfacing (Class C) on Section A (portion) of Route 74, North Park National Forest Highway, Sierra National Forest, Madera Co. Work involves:

- 4.288 miles fine grading of sub-grade and shoulders;
- 92.95 tons cutback asphalt (Type MC-1) for prime coat;  
 100,000 cu. yd. C-1 road mix surfacing laid;
- 100,000 cu. yd. cutback asphalt (Type MC-1) for Class C road mix;
- 25 tons cutback asphalt (Type MC-1) for Class C seal;
- 50 M. gals. watering;
- 17,000 cu. yd. Class C new aggregate, 3/4 integrated granite.

Plans and specifications may be obtained from the above office upon deposit of \$1.00.

#### LOW BIDDER

1. TRINITY COUNTY, CALIF.—Ernest E. Smith, Eureka, at \$8,575 submitted low bid to F. W. Haselwood, District Engineer, State Division of Highways, Redding, for surfacing with road-mix surfacing about 8.5 miles between Helena and Big Bar (H-Tr-20-E), Trinity Co.

#### CONTRACT AWARDED

1. IDAHO CO., IDAHO.—W. C. Burns, Idaho Falls, at \$77,702 was awarded contract by the U. S. Bureau of Public Roads, Ogden, Utah, for 6.558 miles highway improvements Leadville-Mountain Line from Sta. 000 to Sta. 0 Project 31-B.

#### CONTRACT AWARDED

1. CLATSOP CO., OREGON.—McNutt Bros., Eugene, Oregon, at \$66,161.40, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New

ost Office Bldg., Portland, for constructing and improving 1.516 miles of the Tiller-Trail Highway Grading project 16-03, 11, U. S. National Forest Co. Project, located within theogue River National Forest, Jackson Co.

**CONTRACT AWARDED**

**LBANY AND CARBON COS., Wyo.**  
North Western Engineering Co., Rapid City, South Dakota, at \$71,579, has awarded contract by the U. S. Bureau of Public Roads, for crushed rock run and bituminous surfacing for Centennial - Saratoga Highway, Forest Project 12-A4-B4.

**ITS OPENED**

**ELKO CO., Nevada**—Utah Construction Co., Ogden, Utah, at \$46,381.00, submitted the low bid to the U. S. Bureau of Public Roads, C. H. Weetser, District Engineer, Federal Office Building, Civic Center, San Francisco, California, for grading approximately 2.578 miles, Section C of route 18, Owyhee River National Forest Highway, Humboldt National Forest, Elko County.

**Work involves:**

- (1) 14 A. clearing;
  - (2) 14 A. grubbing;
  - (3) 54,300 cu. yd. uncl. excav.;
  - (4) 600 cu. yd. uncl. excav. for struccs.;
  - (5) 45,000 sta. yds. overhaul;
  - (6) 2,578 m. finishing earth graded roads;
  - (7) 125 cu. yd. Class A concrete;
  - (8) 10,300 lbs. reinf. steel;
  - (9) 208 lf. 18-in. corr. galv. sheet metal pipe;
  - (10) 650 lf. 24-in. do.;
  - (11) 68 lf. 36-in. do.;
  - (12) 124 lf. 12-in. perf. corr. sheet metal pipe underdrain;
  - (13) 41 sq. yds. mortar backfill seal;
  - (14) 1 each, drop inlet—24-inch;
  - (15) 1 each, reinforced concrete inlet cover;
  - (16) 16 each, right of way monuments, Type A;
  - (17) 27,400 lf. barbed wire fence;
  - (18) 8 each, steel gates.
- Total bids follow:  
A) Utah Constr. Co., Ogden, Utah \$46,738.10  
B) Ishell Constr. Co., Reno 51,062.50

**Unit prices follow:**

	(A)	(B)
(1)	\$300.00	\$50.00
(2)	20.00	1.00
(3)	.55	.58
(4)	1.75	2.50
(5)	.02	.02
(6)	200.00	250.00
(7)	38.00	40.00
(8)	.10	.10
(9)	2.25	2.75
(10)	3.25	4.00
(11)	6.00	7.50
(12)	3.00	4.25
(13)	3.00	1.00
(14)	50.00	50.00
(15)	20.00	10.00
(16)	4.00	4.00
(17)	.15	.19
(18)	25.00	25.00

**COMPLETE BIDS**

**LOS ANGELES COUNTY, Cal**—G. D. Gartz, 124 W. 6th St., Los Angeles, at \$12,824.00 submitted the low bid to C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing, asphalt concrete and Portland cement concrete about .07 mile at the intersection of Rosemead Blvd. and Las Tunas Dr.

**Work involves:**

- (1) 90 M. gals. water in place;
- (2) 70 cu. yd. removing existing coner;
- (3) 800 cu. yd. roadway excav., without classification;
- (4) 370 cu. yd. struc. excav.;
- (5) 2,500 sq. yds. preparing sub-grade;
- (6) 1 sta. finishing roadway;
- (7) 1 ton liq. asph., SC-2, in place

- (prime coat);
- (8) 165 tons mineral aggregate, in place (plant-mixed surf.);
- (9) 9 tons liquid asph., ROMC-4 or ROMC-5, in place (plant-mixed surfacing);
- (10) 900 sq. yds. asph. paint binder, in place;
- (11) 1,150 tons asph. concrete, in place;
- (12) 33 cu. yd. Class A portland cement concrete, in place (pavement);
- (13) 80 pavement dowels, in place;
- (14) 7,800 lbs. bar reinf. steel, in place (pavement & structures);
- (15) 120 cu. yd. class A portland cement concrete in place (structures);
- (16) 25,200 lbs. steel rail assemblies, in place;
- (17) 10,100 lbs. misc. iron and steel, in place;
- (18) 52 lf. 24x6<sup>3/4</sup>-in. (8-gauge) part circle corrug. metal in place (the part circle corrugated metal to be furnished by the State);
- (19) 28 lf. 24x6<sup>3/4</sup>-in. (12-gauge) part circle corrugated metal in place (the part circle corrugated metal to be furnished by the State);
- (20) 28 lf. 36x7<sup>1/2</sup>-in. (12-gauge) part circle corrugated metal in place (the part circle corrugated metal to be furnished by the State);
- (21) 78 cu. yd. class A portland cement concrete in place (curbs, gutters and sidewalks);
- (22) 35 lf. curb armor complete in place;
- (23) 32 lf. laminated guard railing in place.

**Total bids follow:**

(A) G. O. Gartz	\$12,824.25
(B) Geo. R. Curtis Paving	13,258.60
(C) Dimmitt & Taylor	13,853.05
(D) Griffith Company	11,648.60
(E) J. E. Haddock	15,106.50

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)
(1)	\$1.50	\$2.00	\$1.80	\$3.50	\$2.00
(2)	3.00	2.50	5.00	3.50	3.50
(3)	.60	.50	.50	.50	.50
(4)	1.00	1.00	1.50	1.50	1.50
(5)	.125	.12	.15	.15	.15
(6)	10.00	6.00	15.00	10.00	10.00
(7)	25.00	30.00	40.00	20.00	25.00
(8)	2.82	2.70	2.25	3.00	2.80
(9)	12.00	16.00	15.00	13.00	15.00
(10)	.05	.05	.03	.03	.05
(11)	2.40	3.10	2.90	3.90	3.00
(12)	8.50	8.40	9.00	9.00	15.00
(13)	25	24	15	12	20
(14)	.05	.05	.06	.05	.05
(15)	18.00	15.00	23.00	20.00	22.50
(16)	.05	.06	.06	.06	.05
(17)	1.45	.20	.18	.20	.15
(18)	1.00	.60	.50	.70	1.00
(19)	1.00	.60	.50	.70	1.00
(20)	1.50	.75	.60	1.00	1.00
(21)	12.50	12.90	14.00	12.00	13.00
(22)	1.00	1.10	1.20	1.00	1.00
(23)	2.00	2.00	1.50	1.50	1.50

**CONTRACT AWARDED**

**PITTSBURG, Contra Costa Co., Calif**—Lee J. Immel, 1931 Evelyn St., Berkeley, at \$6,465.40, was awarded contract by the City Clerk, Frank R. Taormina, City Hall, Pittsburg, for the improvement of East Tenth St. from Solan Street to Harbor St.

Work involves the construction of drainage sewers, curbs, sidewalk repairs and the removal of old pavement.

**Work will be started as soon as the State Division of Highways approves.**

**CONTRACT AWARDED**

**PLACERVILLE, Eldorado Co., Cal.**—J. P. Breen, P. O. Box 183, Sacramento, at \$1,899.48, submitted the low bid and was awarded contract by the U. S. Department of Agriculture, Forest Service, Forest Supervisor, Placerville, for the following:  
(1) Furnishing and spreading road oil, as follows:  
(a) 0.2 m. of road, 264 gals. Blackbird Camp 22 mi. east of Placerville

- (b) 0.1 m. of road; 132 gals.; Bull Creek Camp;
  - (c) 0.4 m. of road; 528 gals.; Alder Creek Camp;
  - (d) 0.3 m. of road, 396 gals.; 39-Mile Camp;
  - (e) 0.2 m. of road, 264 gals.; Pyramid Camp;
  - (f) 0.2 m. of road, 264 gals.; 42-Mile Camp;
  - (g) 0.2 m. of road, 264 gals.; Phillips Camp;
  - (h) 0.2 m. of road, 264 gals.; First Camp;
  - (i) 10 m. of road, 1320 gals.; Eldorado Camp south of Lake Tahoe;
  - (j) 0.5 m. of road, 660 gals.; Snowline CCC Camp, 10 mi. east of Placerville;
  - (2) Asphaltic bonding material, Type SC-2, to be furnished and spread, as follows:  
(a) 6000 gals. at a point 1 mile south of Eldorado Co., Camp 32 mi. S. of Tahoe City;
  - (b) 4620 gals. at 28-mile stone, approx. 28 mi. E. of Placerville, U.S. 50;
  - (c) 7260 gals. at Georgetown Junction, approx. 38 mi. E. of Placerville.
- Total bids follow:  
J. P. Breen, P. O. Box 183, Sacramento \$1,899.48  
Hayward Building Materials Co., Hayward 2,283.60  
Garca Construction Co., Irvington 2,653.20

**BIDS WANTED**

**SEQUOIA NATIONAL PARK, Tulare Co., Cal**—Until August 13, 4 P. M., bids will be received by the Superintendent of the Sequoia National Park for furnishing and spreading road oil in Death Valley National Monument.  
Work involves:  
(1) 500,000 gals. road oil, RC-1;  
(2) 400,000 gals. road oil, SC-2.  
Plans and specifications may be obtained at the above office.

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Aug. 31, 3 P. M., bids will be received by Lieut.-Col. L. B. Chambers, District Engineer, U. S. Engineer Office, Post Office Bldg., Sacramento, for raising and strengthening the existing levee, and constructing a new levee along the west bank of the Sacramento River, from approximately 2300 feet southerly from Sacramento Warehouse downstream 1950 feet.

**Work involves:**

- (1) 68,000 cu. yds.
  - (2) 1,600 cu. yd. inspection trench
  - (3) 1,000 cu. yd. irrigation ditch.
  - (4) 2,400 cu. yd. approach embankment.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**PORTLAND, Ore**—Until August 17, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Customhouse, Portland, under Bid No. 698-28-26, for about 80 lf. pile dike No. 12-6 in the Columbia River at Debel's bower, 43 miles below Portland.

**Work involves:**

- (1) 3,700 lf. douglas fir piling
  - (2) 1,200 lbs. bolts, spikes and cable fastening
  - (3) 24 MFBI lumber
- Plans and specifications may be obtained from the above office.

**AWARD RECOMMENDED**

**RY-BAY DAM PROJECT, Wash**—At a special meeting held August 3rd, the Board of Public Works and J. D. Ross, City Lighting Superintendent recommended acceptance of the low

bid of \$3,967,789, submitted for the Ruby Dam Project on July 22nd by the only bidder, General Construction Company, J. F. Shea and The Columbia Construction Co. The board and Mr. Ross stipulated that a 30-ft. diversion tunnel be substituted for the 24-ft. tunnel originally planned.

Mr. Ross advised that he had requested \$386,000 federal funds to cover additional cost. Recommendations will be forwarded to PWA officials in Washington, D. C., for approval.

#### CONTRACT AWARDED

SEATTLE, Wash.—Superior Portland Cement, Inc., Seaboard Bldg., Seattle, at \$529,767, was awarded contract, contingent upon approval of PWA, by the City Light Department, 216 City Light Bldg., 3rd and Madison Sts., Seattle, for furnishing cement for Ruby Dam project.

### 31—PIPE LINES & WELLS

#### CONTRACT AWARDED

SAN FRANCISCO—San Francisco Water Department, 425 Mason St., at \$181,45 was awarded contract by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. 347, for the laying of 6-inch cast iron mains in 30th and 45th avenues in the Sunset and Parkside areas.

#### COMPLETE BIDS

SACRAMENTO, Calif.—Undergo and Construction Co., 6 Alvarado Street, Berkeley, at \$12,120, submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, California, for the construction and completion of a Gas Distribution System at the Sacramento Air Depot.

Work involves:

- (A) Lump sum, gas distribution system, including main lines, building services, drains, valves, valve boxes, pipe, specials, fittings, etc.;
- (B) Furnishing all labor and material, complete in place:
  - (1) Type "A" black steel wrapped pipe, including excavation, laying and connections, and backfilling:
    - (a) 8-in. diameter;
    - (b) 4-in. do.;
    - (c) 3-in. do.;
  - (2) Standard weight, black steel screw pipe wrapped, including excavation, laying and connections, and backfilling:
    - (a) 2-in. diameter;
    - (b) 1 1/2-in. do.;
    - (c) 1 1/4-in. do.;
    - (d) 1-in. do.;
    - (e) 3/4-in. do.;
  - (3) Valves, including excavation, placing and backfilling:
    - (a) 8-in. diameter;
    - (b) 4-in. do.;
    - (c) 3-in. do.;
    - (d) 2-in. do.;
    - (e) 1 1/2-in. do.;
    - (f) 1 1/4-in. do.;
    - (g) 1-in. do.;
    - (h) 3/4-in. do.;
  - (4) Valve boxes, including excavation, placing and backfilling:
    - (a) For 3-in. to 8-in. incl. sizes of valves;
    - (b) For 3/4-in. to 2-in. incl. sizes of valves;
  - (5) Drains, complete, including pipe, valves, etc., excavation, placing and backfilling;
  - (6) Earth excavation, including backfill;
  - (7) Rock excavation, including backfill;
  - (8) Sheet-piling ordered left in place.

Total bids follow:

  - (A) Undergo and Constr. Co., 6 Alvarado St., Berkeley \$12,120.00
  - (B) A. Teichert & Son, Inc., Sacramento 17,600.00

(C) Williams Bros. & Haas, Inc., San Francisco..... 15,910.65  
(D) Scott Co., Oakland..... 21,760.00

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) (a).....	\$ 2.20	1.50	2.65	3.00
(b).....	1.50	1.30	1.52	1.90
(c).....	1.00	1.00	1.28	1.60
(2) (a).....	.70	.70	1.02	1.30
(b).....	.60	.60	.92	1.10
(c).....	.55	.55	.90	1.10
(d).....	.40	.50	.86	1.00
(e).....	.55	.50	.86	1.00
(3) (a).....	60.00	65.00	52.71	65.00
(b).....	30.00	25.00	20.17	40.00
(c).....	25.00	20.00	18.42	35.00
(d).....	15.00	10.00	7.48	27.00
(e).....	10.00	8.00	5.54	26.00
(f).....	7.50	6.00	3.00	24.00
(g).....	5.00	4.00	2.00	22.00
(h).....	3.00	4.00	3.00	22.00
(4) (a).....	10.00	12.00	17.50	59.00
(b).....	5.00	7.00	13.01	21.00
(5).....	20.00	65.00	30.10	49.00
(6).....	2.00	1.50	3.56	2.00
(7).....	7.00	3.00	1.00	6.00
(8).....	20.00	60.00	100.00	10.00

(A) Begin in 20, finish in 180 days;  
(B) Begin in 40, finish in 120 days;  
(C) Begin in 5, finish in 65 days;  
(D) Begin in 60, finish in 150 days.

#### BIDS OPENED

LOS ANGELES, Calif.—The following submitted bids to the Metropolitan Water District Purchasing Agent, Los Angeles, for (Sch. 1), 10,000 ft. 30-in. I D slip joint, 10-ga. shielded arc welded pipe, in 24-ft. sections, not more than one circular seam to the section, and (Sch. 2) same, not more than 2 circular seams to the section.

Consolidated Steel Corp., Ltd.—Sch. 1: \$1708 ft., \$17,080; Sch. 2, no bid; f.o.b. Los Angeles. Tax, \$512.40.

### LOS ANGELES—SEPARATION STRUCTURE—(City)

LOS ANGELES, Calif.—Person & Hollingsworth Co., 2812 S Hill Street, Los Angeles, at \$152,198.39, submitted low bid to L. A. Board of Public Works for construction of a grade separation structure and appurtenant work in Vignes St., between Alhambra Ave. and 130 ft. north of Bauchet St., in Bauchet St. from Date St. to Avila St., and in Avila St., from Bauchet St. to a point 150 ft. south; Union Passenger Terminal Station, PWA Project #301, Unit I. Estimated cost, \$166,023.98.

- The work involves:
- (1) 3.515 c.y. F concrete, exclusive of concrete in sewers, storm drains or street work;
  - (2) 100 c.y. G concrete, exclusive of concrete in sewers, storm drains or street work;
  - (3) Lump sum, reinforcing steel (1-602,270 lbs.), exclusive of steel in sewers, etc.;
  - (4) Lump sum, ornamental concrete (57 c.y.) (only those members to be constructed of Class H concrete);
  - (5) Lump sum, ornamental iron roll (32 lf.), complete in place;
  - (6) Lump sum, electric conduit system, Plans P-7027 and P-7091;
  - (7) Lump sum, lighting system, complete in place (one standard; 10 soffit lights);
  - (8) 195 sq. yds. white glazed tile;
  - (9) Lump sum, grading (22,646 c.y. cut; 1,517 c.y. fill);
  - (10) Lump sum, storm drains, involving:
    - 194 lf. 5-in. pipe;
    - 543 lf. 30-in. pipe;
    - 83 lf. 27-in. pipe;
    - 307 lf. 24-in. pipe;
    - 418 lf. 18-in. pipe;
    - 413 lf. 12-in. pipe;
  - (11) Lump sum, sanitary sewers, involving:
    - 22 49 lf. 8-in. vit. clay pipe;
    - 843 77 lf. cast-iron pipe;

No cash disc. Deliv. as specified.  
Southern Pipe & Casing Co., Azusa—Sch. 1, \$1,718 ft., \$17,180; Sch. 2, no bid; f.o.b. Azusa. Tax, \$515.40.  
No cash disc. Deliv. as specified.  
Alhambra Welding, Cabazon, etc., Camps, \$1,788 ft., \$17,880. Tax \$536.40.  
Southwest Welding & Mfg. Co., Alhambra—Sch. 1, \$1,90 ft., \$19,000; Sch. 2, \$1,90, \$19,000; f.o.b. Alhambra. Tax 3%. Terms net. Delivery; no exceptions to spec.

W. D. NEVILL, Pipe & Steel Co.—Sch. 1, \$1,81 ft., \$18,100; Sch. 2, no bid; f.o.b. 5717 Santa Fe Ave. Sales tax if applicable, \$543. Terms net, 30 days. Delivered as specified.

#### BIDS WANTED

BONNEVILLE, Ore.—Until August 24, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-42, for drilling and casing a well for domestic water supply, located on Bradford Island, Bonneville, Oregon.

- Work involves:
- (1) 50 lf. drilling with well drill, furnishing and setting not less than 10-in. I.D. casing;
  - (2) 70 lf. drilling with same drill and setting not less than 8-in. I.D. casing (8-in. casing will be furnished by the Government).
- Plans and specifications may be obtained at the above office.

#### CONTRACT AWARDED

SAN FRANCISCO—E. J. Treacy, 1200 Call Bldg., at \$143,830 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. No. 149 for laying 8-inch cast iron mains in Harrison and 16th Sts., from 15th Street to Bryant Street.

- (12) 739 lf. 6-in. house conn. sewers;
  - (13) 59,449 sq. ft. asphalt. concn. pavement, consisting of 6-in. concn. base and 2-in. asphalt. concn. wearing surface;
  - (14) 1530 sq. ft. concn. pavement, 8-in. including local depressions and class D resurfacing;
  - (15) provisional;
  - (16) 3910 sq. ft. rock and oil roadway, 4-in. thick;
  - (17) 326 sq. ft. A resurfacing;
  - (18) 174 sq. ft. C resurfacing;
  - (19) 1970 lf. unplastered heavy class curb;
  - (20) provisional;
  - (21) 69 lf. curb armor;
  - (22) 1,864 lf. curb bar;
  - (23) 14,198 sq. ft. 8-in., one-course sidewalk;
  - (24) 1,857 sq. ft. 8-in. combination gutter;
  - (25) provisional;
  - (26) lump sum, reset 4 manholes, complete.
- Removals: 1425 sq. ft. walk; 290 ft. curb; 9260 sq. ft. rock and oil, to be included in yardage, and trees, price of all to be included in lump sum for grading.

Complete bids follow:  
(A) Person and Hollingsworth Co., \$152,198.39  
(B) Chas. F. Dorfman, \$153,833.56  
(C) Atlas Const. Co., \$158,545.03  
(D) John T. Scarlett, \$162,206.20  
(E) Griffith Company, \$172,016.16  
(F) Harry F. Miller, \$174,235.71  
(G) C O Sparks & Mundo Engr. Co., \$175,014.98  
(H) Carlo Bongiovanni, \$175,641.54  
(I) W. E. Hall Co., Alhambra, \$180,210.30  
(J) Jan Strona, Pomona, \$181,214.52  
(K) Oscar Ahern, \$183,676.35  
(L) The Contracting Engineers Co., \$184,871.13  
(M) J. C. Hickey, Alhambra, \$200,601.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 20.00	\$ 18.00	\$ 17.50	\$ 14.50	\$ 19.00	\$ 19.00	\$ 20.00
(2)	8.25	7.00	7.00	7.00	17.00	7.00	10.00
(3)	43,320.00	41,800.00	46,000.00	45,822.50	39,000.00	48,720.10	47,000.00
(4)	4,255.00	2,565.00	2,600.00	2,200.80	4,000.00	3,705.00	3,990.00
(5)	211.00	220.00	300.00	250.00	250.00	235.00	300.00
(6)	1,150.00	1,140.00	1,700.00	1,530.00	1,200.00	2,500.00	1,000.00
(7)	324.00	320.00	500.00	3,900.00	600.00	635.00	650.00
(8)	6.65	6.50	7.00	6.50	6.00	6.95	10.00
(9)	4,664.00	7,100.00	9,000.00	8,500.00	21,600.00	7,000.00	9,600.00
(10)	3,920.00	14,725.00	15,000.00	23,316.00	12,500.00	21,322.00	17,700.00
(11)	4,188.00	4,094.00	4,000.00	6,598.50	4,500.00	5,500.00	4,200.00
(12)	1.34	1.35	1.50	2.00	1.50	1.37	2.00
(13)	.20	.20	.18	.20	.18	.19	.20
(14)	.20	.23	.18	.20	.24	.24	.30
(15)	.18	.24	.16	.17	.21	.20	.20
(16)	.10	.10	.09	.10	.11	.105	.10
(17)	.15	.25	.12	.11	.13	.22	.20
(18)	.22	.25	.21	.25	.24	.24	.30
(19)	1.00	.47	.50	.60	.55	.30	.60
(20)	.50	.40	.40	.40	.50	.30	.60
(21)	1.25	1.00	1.25	1.25	1.50	1.25	1.50
(22)	.30	.20	.30	.25	.30	.20	.25
(23)	.1125	.12	.13	.13	.13	.12	.13
(24)	.24	.25	.18	.25	.18	.24	.22
(25)	.20	.24	.17	.20	.23	.20	.30
(26)	140.00	100.00	350.00	40.00	200.00	135.00	60.00
	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$ 21.75	\$ 18.00	\$ 21.00	\$ 23.55	\$ 18.75	\$ 25.00	\$ 20.00
(2)	10.00	12.50	10.00	5.00	14.00	8.00	
(3)	43,000.00	47,500.00	45,222.00	42,290.00	59,000.00	51,750.00	
(4)	2,850.00	3,705.00	2,850.00	6,280.00	3,990.00	3,600.00	
(5)	250.00	350.00	213.00	215.00	300.00	250.00	
(6)	1,500.00	1,200.00	1,143.00	1,143.00	2,500.00	1,200.00	
(7)	400.00	800.00	322.00	322.00	1,000.00	590.00	
(8)	7.75	9.00	6.60	7.95	10.00	12.00	
(9)	11,550.00	20,000.00	9,200.00	9,600.00	6,000.00	9,500.00	
(10)	15,500.00	18,500.00	20,523.00	14,763.00	15,000.00	17,700.00	
(11)	4,600.00	5,500.00	4,657.00	4,110.00	6,000.00	5,000.00	
(12)	1.50	1.75	2.20	1.67	2.90	1.30	
(13)	.18	.25	.22	.25	.25	.22	
(14)	.24	.25	.30	.25	.30	.30	
(15)	.22	.18	.30	.23	.25	.25	
(16)	.10	.10	.09	.08	.11	.10	
(17)	.25	.35	.11	.10	.15	.20	
(18)	.25	.30	.22	.25	.30	.25	
(19)	400.00	800.00	322.00	322.00	1,000.00	1,000.00	
(20)	.50	.60	.50	.61	.80	.65	
(21)	1.25	1.30	1.22	1.10	1.50	2.00	
(22)	.20	.25	.19	.35	.20	.22	
(23)	.13	.125	.12	.165	.16	.18	
(24)	.25	.24	.25	.25	.35	.30	
(25)	.20	.20	.25	.25	.30	.24	
(26)	100.00	200.00	100.00	60.00	200.00	100.00	

CONTRACTS AWARDED

SAN RAFAELITO, Cal.: Byron Jackson Co., Ltd. of Carlton St., Berkeley, at \$4887 (Item 1) and Holder Construction Co., 2608 R Street, Sacramento, at \$4500 (Items 2 and 3), were awarded contracts by the Constructing Quartermaster, Sacramento Air Depot, P. O. Box 1646, Sacramento, for the construction and completion of Deep Well Turbine Pump installations, Pump Houses, Piping and Accessories at Sacramento Air Depot.

- Work involves:
- (1) Lump sum—two deep well turbine pumps, incl. electric control equipment, gauges, foundations, discharge elbows, spigot pipe, pump house floors, etc.
  - (2) Construct two concrete pump houses, incl. meter pits, water meters, piping, fittings, sidewalks, steel tower;
  - (3) Furnishing labor and material, complete in place;
    - (a) Earth excav.
    - (b) Rock excav.
    - (c) Concrete in place;
    - (d) Reinforcing steel bars;
    - (e) Steel wire fabric;
    - (f) 10-in. class "B" cast iron;
    - (g) Cast iron fittings;
    - (h) Sheeting left in place.
- Complete bids published July 21, 1937.

BIDS WANTED

LONG BEACH, Los Angeles Co., Calif.: Until August 24, 11 A. M., bids will be received by Long Beach city clerk for construction of water mains and laterals in Rogers St. between Walnut Avenue and Cherry Avenue, under the 1911 Act.

Work involves:

- (1) 180 ft. 6-in. C I pipe;
- (2) 2 638-in. C I trees;
- (3) 1 6-in. C I plug;
- (4) 2 tie hydrant assemblies;
- (5) 10 2-in. C I service laterals, 1 1/2 in. "A" with clamp;
- (6) 10 same type "B" with clamp;

Plans and specifications may be obtained at the above office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

LOS ANGELES, Cal.: Satalo and Rami, 46 1/2 Camulos St., Los Angeles, at \$18,172 submitted low bid to the Los Angeles Board of Public Works for the construction of sanitary sewer in the Terminal Way and S. Seaside Ave. Sewer District Terminal Island, PWA Project No. 5653, Unit 6. The work involves 1065.9 ft. of 15-inch vitrified clay pipe sewer including structure, 1 inch of rock matter, concrete road curbs, retaining and all appurtenances. Estimate, \$29,339.

Trial bids follow:

Satalo & Rami	\$18,172.00
T. H. Krul	19,900.00
Ayres, Inc. & Ober	21,375.00
Deanage Const. Co.	25,000.00
E. L. & Brown	29,650.00
E. L. & Brown	29,900.00

LOW BIDDER

BAKERSFIELD Kern Co., Calif.: Strud and Seabrook, Box 97, Bakersfield, at \$478 submitted the low bid to the Bakersfield City Council, Van Buren St., Calif., for the construction of 24 inch diameter concrete pipe and 24 inch manholes and appurtenances for 1000 ft.

CONTRACT AWARDED

EL CERRILLO, Cal.: The City of El Cerrillo, at \$71,000 awarded a contract to the El Cerrillo Water Works Co., 227 Broadway, San Francisco, for the construction of a 12-inch diameter pipe and 12-inch manholes and appurtenances for 1000 ft.

KENNETT DAM—LABORATORY, ETC.—(Govt.)

LABORATORY, Etc. Cost, \$ KENNETT DAM, Calif., 9 Miles N. of Redding, Shasta Co., Government Camp at Kennett Dam, Central Valley Project.

Concrete testing laboratory (39 x 54 ft.) and a combined garage and fire station (30x121 ft.); ship lap siding, composition shingle roofing, wallboard interior, corrugated iron siding and roofing.

Owner—U. S. Government, Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Streets, Sacramento.

Low Bidder—Bay & Christoffersen, 762 Seventh St., San Bernardino, \$15,165.

Bids were taken as follows:

SCHEDULE 1—Concrete Testing Laboratory

- (1) 100 c.y. common excavation;
- (2) 10 c.y. rock excavation;
- (3) 25 c.y. concrete;
- (4) Lump sum, constructing one concrete testing laboratory complete, according to plans, except excavation and concrete.

SCHEDULE 2—Garage and Fire Station

- (5) 400 c.y. common excavation;
- (6) 40 c.y. rock excavation;
- (7) 350 c.y. concrete;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 1.00	\$ 1.25	\$ 3.00	\$ 3.00	\$ 12.50	\$ 10.00	\$ 14.00
(2)	9.00	21.00	15.00	12.00	15.00	16.00	16.00
(3)	5800.00	6107.00	6770.00	6591.00	6500.00	7227.00	9020.00
(4)	1.00	1.25	1.00	.90	1.00	1.00	.70
(5)	2.00	4.00	3.00	3.00	12.50	10.00	14.00
(6)	9.00	21.00	15.00	12.00	15.00	16.00	16.00
(7)	1.00	1.60	1.00	1.00	1.50	1.00	.80
(8)	7000.00	7052.00	8659.00	9084.00	8425.00	9392.00	11,450.00

(0736) 1st report July 12; 3rd, July 21, 1937.

(8) 100 lf. constructing foundation drains;

(9) Lump sum, constructing one garage and fire station in accordance with plans, except excavation and concrete.

Total bids follow:

(A) Bay & Christoffersen, 762 7th St., San Bernardino, Schedule I, \$6,235; Schedule II, \$8,900; Combined total, \$15,165 (stipulations both schedules or neither).

(B) J. P. Brennan, Redding, (I) \$7,007; (II) \$11,922; Comb., \$18,929 (both or neither).

(C) Joe Phasick & J. W. Schneider, San Francisco; (I) \$7,425; (II) \$11,429; Comb., \$18,854.

(D) A. Nelson, Inc., San Francisco; (I) \$7,109; (II) \$11,611; Comb., \$19,083 (both or neither).

(E) W. J. Shalz, Chico; (I) \$7,690; (II) \$11,800; Comb., \$19,100.

(F) Guy E. Hall, San Francisco; (I) \$7,983; (II) \$12,912; Comb., \$20,595 (both or neither).

(G) N. A. Anderson, Los Angeles; (I) \$9,000; (II) \$11,000; Comb., \$23,000 (original bid was, (I) \$9,800 (II) \$14,000 (deductions to \$8900 and \$14,000 made by wire).

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ .90	\$ 1.00	\$ 1.00	\$ .90	\$ 1.00	\$ 1.00	\$ .70
(2)	9.00	12.50	10.00	12.50	10.00	10.00	14.00
(3)	12.00	15.00	16.00	12.00	15.00	16.00	16.00
(4)	.90	1.00	1.00	.90	1.00	1.00	.70
(5)	3.00	12.50	10.00	3.00	12.50	10.00	14.00
(6)	12.00	15.00	16.00	12.00	15.00	16.00	16.00
(7)	1.00	1.50	1.00	1.00	1.50	1.00	.80
(8)	9.084	9.392	11,450.00	9.084	9.392	11,450.00	

Richmond, for the installation and completion of the Surface Drainage System of the El Cerrito Secondary School site, SE cor. of Eureka Ave. and Center St., El Cerrito.

Total bids follow:

W. J. Tolan, Oakland	\$3,375.00
M. J. McGuire and M. Heiser, Oakland	3,445.00
Consolidated Const. Co., Stockton	4,603.93
L. L. Page, Richmond	4,720.00
W. McNaughton, Richmond	4,980.00
A. Gatto, Richmond	5,200.00
Manuel Smith, Oakland	5,400.00

**CONTRACT AWARDED**

**WATSONVILLE.** Santa Cruz Co., Calif. D. G. Ritchie, 154 N. 11th St., San Jose, at \$945, submitted low bid and was awarded contract by M. M. Swisher, City Clerk, City Hall, Watsonville, for constructing a storm sewer on Monte Vista Ave., Watsonville.

Total bids follow:

G. C. Ritchie, 154 N. 11th St., San Jose	\$945.00
California Concrete Products Co., Ltd., Watsonville	960.00
M. J. Patrick, San Jose	1,087.00
Underground Constr. Co., Berkeley	1,231.80
	1,698.00

**BIDS WANTED**

**HUNTINGTON BEACH.** Orange Co., Cal. Until Aug. 25, 7:30 P. M., bids will be received at the Huntington Beach city council, C. R. Furr, City Clerk, for the construction of a drainage system and storm drains in the district centering at Orange and 13th Sts. Plans provide for the construction of a 32-inch reinforced concrete drain from the intersection of the above streets to the ocean front. The estimated cost is \$16,000. Harry Overmyer, city engineer, prepared the plans. The work, which will be had upon as a lump sum, will include:

- 1) 3,900 cu. yd. dirt excavation;
  - 2) 1414 ft. 36-in. reinf. conc. pipe;
  - 3) 5 ft. 33-in. do;
  - 4) 56 ft. 24-in. do;
  - 5) 36 ft. 18-in. do;
  - 6) 32 ft. 36-in. prest. manhole pipe;
  - 7) 4250 sq. ft. cement walk;
  - 8) 2300 sq. ft. macadam pavement to be replaced;
  - 9) 3 manholes and frame and cover sets;
  - 10) 100 ft. curb.
- Plans and specifications may be obtained from the above office upon deposit of \$50.00.

**33— WATER WORKS**

**BIDS OPENED**

**SAN FRANCISCO.** Calif.—E. J. Thomas, City Hall Bldg., San Francisco, at \$2,960.00, submitted low bid for San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19045, for the installation of hydrant lines in Francisco Street, Van Ness Avenue, and F Street, between 14th and 5th Streets. PWA job. Estimated cost, \$1450.

- Work involves:
- Cast Iron Pipe and Special Castings, In Place
- 1) 45 ft. 20-in. Class G bell and spigot, plain
  - 2) 45 ft. 20-in. Class G bell and spigot, plain
  - 3) 50 ft. 5-in. Class II bell and spigot, plain
  - 4) 50 ft. 5-in. Class G bell and spigot, plain

**NOTE:** Items 1 and 4 inclusive; Cast Iron Pipe will be furnished by the City. Cast Spigs and Iron Specials shall be furnished by the contractor under E. J. Thomas and 9.

(1) 2 8-in. h. p. hydrant in place.

(2) 2 stand. h. p. hydrants in place.

**NOTE:** Items 5 and 6 Gate Valves

**KERN COUNTY—Grade & Surface—(State)**

**KERN CO., Calif.**—S. A. Cummings, 1170 Falcon Street, San Diego, at \$25,372.00, submitted the low bid to C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant mixed surfacing about 0.9 mile in Kern County through Mojave.

- Work involves:
- (1) 410 M. gala. water;
  - (2) 4.5 cu. yd. remove concrete;
  - (3) 6,100 cu. yd. trench excav., unclass.;
  - (4) 50 cu. yd. struc. excav.;
  - (5) 9,000 cu. yd. imported subgrade material;
  - (6) 35 sta. finishing rdwy.;
  - (7) 30 tons liquid asph., SG-2 prime coat and detour;
  - (8) 3,550 tons min. agg., plant-mix surfacing;
  - (9) 224 tons liquid asphalt, MC-3 or MC-4 (plant-mix surf.);
  - (10) 8,450 sq. yds. asph. paint binder;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$1.25	\$2.50	\$1.00	\$2.30	\$1.00	\$2.10	\$2.00	\$5.00
(2)	5.00	7.00	5.00	5.00	7.00	3.50	5.00	6.00
(3)	.40	.45	.45	.44	.65	.55	.65	.58
(4)	1.25	1.50	1.50	1.00	1.50	1.00	2.00	1.50
(5)	.60	.55	.60	.50	.55	.65	.65	.60
(6)	10.00	6.00	10.00	10.00	5.00	8.00	10.00	7.00
(7)	9.50	15.00	10.00	15.50	12.50	12.00	13.00	14.00
(8)	2.25	2.14	2.40	2.50	2.36	3.35	3.50	4.00
(9)	16.00	16.00	17.00	15.50	16.60	16.00	16.00	15.00
(10)	.05	.03	.02	.03	.02	.02	.02	.03
(11)	.10	.10	.07	.09	.12	.07	.10	.08
(12)	5.00	1.00	5.00	5.00	6.00	.75	7.50	1.00
(13)	1.00	1.50	.85	5.00	2.50	7.50	1.00	1.00
(14)	14.00	15.00	15.00	15.00	15.50	16.00	15.00	19.00

- (11) 1,900 sq. yds. prepare, mix and shape detour;
- (12) 120 lf. remove and salvage pipe culverts;
- (13) 83 lf. clean and relay do;
- (14) 355 cu. yd. Class A portland cement concrete (curbs and gutters).

Total bids follow:

(A) S. A. Cummings, 4170 Falcon St., San Diego	\$25,372.00
(B) Griffith Co., L. A.	26,873.00
(C) Oswald Bros., L. A.	27,297.30
(D) A. S. Vinnell Co., Alhambra	27,306.00
(E) Southwest Paving Co., Roscoe	28,491.40
(F) Piazza & Huntley, San Jose	32,416.25
(G) J. E. Haddock, Ltd., Pasadena	33,428.50
(H) Frank Embleton, Albany	36,718.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$1.25	\$2.50	\$1.00	\$2.30	\$1.00	\$2.10	\$2.00	\$5.00
(2)	5.00	7.00	5.00	5.00	7.00	3.50	5.00	6.00
(3)	.40	.45	.45	.44	.65	.55	.65	.58
(4)	1.25	1.50	1.50	1.00	1.50	1.00	2.00	1.50
(5)	.60	.55	.60	.50	.55	.65	.65	.60
(6)	10.00	6.00	10.00	10.00	5.00	8.00	10.00	7.00
(7)	9.50	15.00	10.00	15.50	12.50	12.00	13.00	14.00
(8)	2.25	2.14	2.40	2.50	2.36	3.35	3.50	4.00
(9)	16.00	16.00	17.00	15.50	16.60	16.00	16.00	15.00
(10)	.05	.03	.02	.03	.02	.02	.02	.03
(11)	.10	.10	.07	.09	.12	.07	.10	.08
(12)	5.00	1.00	5.00	5.00	6.00	.75	7.50	1.00
(13)	1.00	1.50	.85	5.00	2.50	7.50	1.00	1.00
(14)	14.00	15.00	15.00	15.00	15.50	16.00	15.00	19.00

**KENNETT DAM — Dormitories and Residences — (Gov.)**

**DORMITORIES, ETC.** Cost, \$ . . .

**KENNETT DAM,** Calif., 9 miles N. of Redding, Shasta Co., Government camp, Kennett Dam, Central Valley Project.

Two two-story dormitories (44x90 ft. each) three six-room residences, two 5-room residences, fifteen 4-room residences, fourteen 3-room residences, and twelve two-room residences; all buildings will have wood siding over sheathing, composition shingle roofing and wallboard interior. Spec. No. 742. Bids will be taken as follows:

- SCHEDULE 1—Two Dormitories**
- 1) 1,200 cu. yd. common excav.;
  - 2) 120 cu. yd. rock excav.;
  - 3) 130 cu. yd. of concrete in foundations;
  - 4) 40 cu. yd. concrete in floors;
  - 5) 320 lf. constructing foundation drains;
  - 6) Lump sum, constructing 2 temporary dormitories, Type 1, complete except for excavation, concrete and foundation drains.

- SCHEDULE 2—Residences**
- 7) 1,200 cu. yd. common excav.;
  - 8) 120 cu. yd. rock excav.;
  - 9) 35 cu. yd. concrete in foundations;
  - 10) Lump sum, constructing three 6-room residences, Type 3, complete except excavation and concrete;
  - 11) Lump sum, constructing two 5-

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
1)	\$ .70	\$ .50	\$ 1.10	\$ 1.00	\$ .60	\$ .80	\$ .90
2)	14.00	2.50	5.00	5.00	10.00	7.00	2.50
3)	16.00	17.00	19.00	24.00	20.00	19.00	13.00
4)	10.00	9.00	11.00	16.00	12.50	16.50	5.50
5)	.40	.80	.75	1.00	1.00	.60	1.00
6)	35,322.00	41,932.00	34,921.00	35,425.00	42,970.00	38,921.00	31,984.00
Tri Sel I	40,450.00	45,655.00	39,991.00	41,305.00	48,310.00	40,443.00	35,594.00
7)	.70	.75	1.10	1.00	1.00	1.00	.90
8)	14.00	2.50	5.00	5.00	5.00	6.00	3.00
9)	10.00	10.00	12.00	18.00	30.00	20.00	13.00
10)	5,000.00	5,010.00	9,555.00	9,816.00	10,131.00	10,471.00	9,914.00
11)	5,400.00	5,160.00	5,535.00	6,135.00	5,832.00	6,167.00	5,380.00
12)	27,600.00	31,950.00	33,764.00	35,732.00	37,278.00	38,819.00	33,565.00
13)	25,200.00	26,555.00	28,401.00	30,462.00	29,638.00	30,409.00	29,318.00
14)	19,250.00	19,200.00	21,124.00	22,459.00	21,804.00	25,663.00	21,369.00

room residences, type 5, complete except excavation and concrete.

- (12) Lump sum, constructing fifteen 4-room residences, Type 5, complete except excavation and concrete;
- (13) Lump sum, constructing fourteen 3-room residences, Type 4, complete except excavation and concrete;
- (14) Lump sum, constructing twelve 2-room residences, Type 3, complete except excavation and concrete.

Total bids follow:

(A) A. N. Anderson, 4307 Van Buren Place, Los Angeles (both schedules or none)	\$88,350
(B) Meyer Const. Co., San Francisco	\$93,328
(C) Person & Hollingsworth, Los Angeles (both schedules or none)	\$101,589
(D) Gay E. Hall, Los Angeles, (if awarded both schedules deduct \$1,000)	\$107,064
(E) American Builders, Inc., Seattle	\$107,533
(F) W. K. Van Bokkelen, Oakland, (both schedules or none)	\$114,149
(G) A. Nelson, Inc., San Francisco (by wire, total com. schedules)	\$129,996

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
1)	\$ .70	\$ .50	\$ 1.10	\$ 1.00	\$ .60	\$ .80	\$ .90
2)	14.00	2.50	5.00	5.00	10.00	7.00	2.50
3)	16.00	17.00	19.00	24.00	20.00	19.00	13.00
4)	10.00	9.00	11.00	16.00	12.50	16.50	5.50
5)	.40	.80	.75	1.00	1.00	.60	1.00
6)	35,322.00	41,932.00	34,921.00	35,425.00	42,970.00	38,921.00	31,984.00
Tri Sel I	40,450.00	45,655.00	39,991.00	41,305.00	48,310.00	40,443.00	35,594.00
7)	.70	.75	1.10	1.00	1.00	1.00	.90
8)	14.00	2.50	5.00	5.00	5.00	6.00	3.00
9)	10.00	10.00	12.00	18.00	30.00	20.00	13.00
10)	5,000.00	5,010.00	9,555.00	9,816.00	10,131.00	10,471.00	9,914.00
11)	5,400.00	5,160.00	5,535.00	6,135.00	5,832.00	6,167.00	5,380.00
12)	27,600.00	31,950.00	33,764.00	35,732.00	37,278.00	38,819.00	33,565.00
13)	25,200.00	26,555.00	28,401.00	30,462.00	29,638.00	30,409.00	29,318.00
14)	19,250.00	19,200.00	21,124.00	22,459.00	21,804.00	25,663.00	21,369.00

- and Hydrants will be furnished by the city.
- (7) 1200 lbs. pig lead, furnished and
- (8) 950 lbs. cast steel special castings, do;
- (9) 3100 lbs. cast iron special castings, do;
- (10) 260 lbs. manhole and valve box cast iron frame, covers and dust plans, do;
- (11) 800 lbs. wrought iron bolts, tie rods, nuts and washers, do;
- (12) 50 lbs. reinf. steel, do;
- (13) 1 c.y. Class B concrete in place;
- (14) 80 c.y. excavation and backfill;
- (15) 400 sq. ft. asphalt concrete pavement (2-in.—6-in.; Class F concrete);
- (16) 20 sq. ft. concrete sidewalk, 2-course;
- (17) 20 sq. ft. asphalt macadam sidewalk 1-in.—3-in.;
- (18) 1 c.y. crushed rock furnished & placed.

NOTE: Items 7 to 16 inclusive, all materials shall be furnished by the contractor.

Total bids follow:

A) E. J. Treacy, 430 Call Bldg., San Francisco.....	\$1969.00
B) M. J. Lynch.....	2014.00
C) Lowrie Paving Co.....	3361.65

Unit prices follow:

(A)	(B)	(C)
(1).....	\$11.20	\$10.00
(2).....	11.20	6.00
(3).....	3.00	3.00

(4)	3.00	3.00	5.00
(5)	30.00	100.00	35.00
(6)	30.00	100.00	35.00
(7)	.065	.07	.07
(8)	.20	.22	.235
(9)	.10	.11	.125
(10)	.10	.10	.115
(11)	.15	.15	.155
(12)	.06	.08	.10
(13)	20.00	15.00	15.00
(14)	4.75	2.00	4.00
(15)	.25	.30	.30
(16)	.17	.20	.20
(17)	.10	20	.20
(18)	3.00	3.00	5.00

**CONTRACT AWARDED**  
 SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Avenue, San Francisco, at \$26,442, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19042, for the construction of a maintenance yard for the auxiliary water supply system for fire protection in Jerrold and Upton Street PWA job. Estimated cost, \$31,000. \* 33

**34— PARKS AND PLAY GROUNDS**

**BIDS OPENED**  
 UPLAND, Mendocino Co., Cal.—City Wide Lawn Selevco Co., Ukiah, at \$497, submitted low bid to the Pro-

- material;
- (3) 2,250 M. gals. water;
- (4a) 600 c.y. struc. excav., unclass.;
- (4b) 400 c.y. backfill;
- (5) 20 c.y. Class A concrete;
- (6) 450 lbs. reinf. steel;
- (7) 1,200 lf. creosoted wood piles;
- (8a) 11 MBM creosoted struc. timber;
- (8b) 6 MBM creosoted wakefield piles;
- (9a) 260 lf. 8-in. corr. pipe culverts;
- (9b) 110 lf. 12-in. do;
- (9c) 340 lf. 18-in. do;
- (9d) 60 lf. 24-in. do;
- (9e) 150 lf. 30-in. do;
- (9f) 530 lf. 6-in. concrete or clay drain tile;
- (10) 1 complete item relocate sewer line;
- (11) 21,200 sq. yd. preparation of subgrade;
- (12) 105 sta. finishing rdwy.;
- (13a) 2,120 c.y. untreated local rock base course;
- (13b) 2,120 c.y. stabilized local rock leveling course;
- (13c) 530 tons wearing surface;

urement Division, Washington, D. C., for seeding and planting grounds of the U. S. P. O. at Ukiah.

Complete bids follow:  
 City Wide Lawn Service Co., Inglewood, \$497; (a) deduct \$97.

Walter A. Hoff Landscaping Organization, San Francisco, \$1,072. (a) deduct, \$555.

California Nursery Co., Niles, \$1,500. (a) deduct \$97.67. \* 34

**LOW BIDDERS**

FRESNO, Cal.—Until August 17, 10 A. M., bids will be received by the Fresno Board of supervisors (E. Dusenberry, Clerk) for fence to be constructed at the Fresno County Fairgrounds.

Specifications may be obtained from the Clerk of the Board. \* 34

**35— TUNNELS**

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Osborn Co., 1570 San Pasqual St., Pasadena, has been awarded contracts for landscaping and construction of a tunnel at Occidental College. Work will cost approximately \$13,000. Myron Hunt & H. C. Chambers architects, 408 S. Spring St., Los Angeles. \* 35

**MARIN COUNTY—ROADWAY—(Govt.)**

MARIN COUNTY, Calif.—Macco Const. Co., 815 Paramount Boulevard Clearwater, at \$43,793.55 submitted low bid to Dist. Engineer, U. S. Engineer Office, 401 Custom House, San Francisco, for constructing a roadway about 10,600 ft. in length, beginning at a point on the main road on the Fort Barry Military Reservation, Marin County, located about 500 ft. northwesterly from the side road to the balloon hangar, thence in a general westerly direction to Rodeo Lagoon, thence northerly across said lagoon, thence westerly to the roadway end; involving clearing and grubbing, roadway excavation and construction of embankments, constructing of a creosoted pile and timber bridge, with two 10-ft. spans and miscellaneous drainage structures; preparing roadway base courses, laying paving, and all other contingent work.

- Work involves:
- (1) 14 acres clear and grub;
  - (2a) 54,630 c.y. rdwy. excav. unclass.
  - (2b) 139,200 sta. yd. overhaul;
  - (2c) 2,000 c.y. rehaul of stockpiled

(1)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(2a)	2.05	.36	283	275	.33	13	35	34	32	50	52	215
(2b)	.065	.01	.01	.01	.01	.065	.02	.01	.01	.0075	.01	.06
(2c)	.30	.50	.30	.50	.40	.35	.35	.25	.24	.50	.75	.215
(4a)	2.50	2.00	1.50	1.25	1.00	2.00	1.50	1.00	1.50	1.50	2.50	1.00
(4b)	.60	1.00	1.00	1.50	.85	1.00	1.50	1.00	.50	.50	1.00	.65
(5)	25.00	40.00	27.00	30.00	30.00	30.00	35.00	30.00	35.00	40.00	40.00	25.00
(6)	.10	.10	.07	.08	.10	.10	.10	.07	.14	.07	.10	.07
(7)	1.25	2.50	1.57	1.64	.70	1.50	1.50	2.00	1.60	1.75	1.25	1.25
(8a)	110.00	170.00	124.00	131.00	70.00	150.00	100.00	2.40	120.00	200.00	120.00	110.00
(8b)	150.00	300.00	104.00	213.00	70.00	100.00	110.00	2.41	153.00	65.00	130.00	162.00
(9a)	1.10	1.50	1.10	1.50	1.00	1.50	1.25	1.10	1.40	1.40	2.00	1.05
(9b)	1.50	2.00	1.50	1.75	2.10	2.00	1.75	1.90	1.90	1.85	2.00	1.21
(9c)	2.10	2.00	2.20	2.25	3.00	2.50	2.25	2.00	2.50	2.50	2.75	1.91
(9d)	3.10	4.00	3.20	3.50	4.30	4.00	3.50	3.80	4.20	3.50	4.00	2.58
(9e)	4.00	5.00	4.50	4.00	5.00	5.00	4.50	4.80	5.25	4.50	5.00	3.67
(9f)	.60	.50	.60	.60	.55	.30	.60	.65	.50	.60	1.00	.49
(10)	250.00	400.00	200.00	500.00	700.00	250.00	150.00	220.00	200.00	400.00	250.00	175.00
(11)	.06	.10	.10	.10	.09	.07	.065	.075	.08	.10	.15	.08
(12)	10.00	7.00	5.00	5.00	7.50	5.00	5.00	8.00	7.00	10.00	11.00	7.00
(13a)	1.25	5.00	1.70	1.75	2.25	2.00	1.70	2.2	2.25	2.25	2.75	1.75
(13b)	3.00	.80	4.25	3.80	4.00	4.00	4.00	3.50	5.00	5.00	4.00	2.75
(13c)	5.00	5.00	5.00	7.00	6.50	6.00	6.00	10.55	6.20	7.00	7.00	5.00
(14)	250.00	500.00	900.00	400.00	200.00	200.00	425.00	651.00	700.00	250.00	300.00	175.00

- (14) 1 complete item cattle guard.

Total bids follow:  
 (A) Macco Const. Co., 815 Paramount Blvd., Clearwater, \$43,793.55  
 (B) C. W. Calett & Co., San Rafael, \$46,218.50  
 (C) D. McDonald, Sacramento, \$40,956.79  
 (D) Rock & Gravel Trucking Co. Inc., Oakland, \$49,261.75.  
 (E) Chas. L. Harney, San Francisco, \$53,684.49  
 (F) Union Paving Co., San Francisco, \$55,731.90  
 (G) George Pollock Co., Sacramento, \$56,963.00  
 (H) Guerin Brothers, San Francisco, \$59,833.80  
 (I) Fredrickson & Watson and Fredrickson Bros., Oakland, \$62,863.90  
 (J) Eaton & Smith, San Francisco, \$68,606.00  
 (K) W. K. Van Bokkelen Const. Co., Oakland, \$76,883.10  
 (L) Government estimate, \$47,559.35.

Unit prices follow:

(1)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(2a)	2.05	.36	283	275	.33	13	35	34	32	50	52	215
(2b)	.065	.01	.01	.01	.01	.065	.02	.01	.01	.0075	.01	.06
(2c)	.30	.50	.30	.50	.40	.35	.35	.25	.24	.50	.75	.215
(4a)	2.50	2.00	1.50	1.25	1.00	2.00	1.50	1.00	1.50	1.50	2.50	1.00
(4b)	.60	1.00	1.00	1.50	.85	1.00	1.50	1.00	.50	.50	1.00	.65
(5)	25.00	40.00	27.00	30.00	30.00	30.00	35.00	30.00	35.00	40.00	40.00	25.00
(6)	.10	.10	.07	.08	.10	.10	.10	.07	.14	.07	.10	.07
(7)	1.25	2.50	1.57	1.64	.70	1.50	1.50	2.00	1.60	1.75	1.25	1.25
(8a)	110.00	170.00	124.00	131.00	70.00	150.00	100.00	2.40	120.00	200.00	120.00	110.00
(8b)	150.00	300.00	104.00	213.00	70.00	100.00	110.00	2.41	153.00	65.00	130.00	162.00
(9a)	1.10	1.50	1.10	1.50	1.00	1.50	1.25	1.10	1.40	1.40	2.00	1.05
(9b)	1.50	2.00	1.50	1.75	2.10	2.00	1.75	1.90	1.90	1.85	2.00	1.21
(9c)	2.10	2.00	2.20	2.25	3.00	2.50	2.25	2.00	2.50	2.50	2.75	1.91
(9d)	3.10	4.00	3.20	3.50	4.30	4.00	3.50	3.80	4.20	3.50	4.00	2.58
(9e)	4.00	5.00	4.50	4.00	5.00	5.00	4.50	4.80	5.25	4.50	5.00	3.67
(9f)	.60	.50	.60	.60	.55	.30	.60	.65	.50	.60	1.00	.49
(10)	250.00	400.00	200.00	500.00	700.00	250.00	150.00	220.00	200.00	400.00	250.00	175.00
(11)	.06	.10	.10	.10	.09	.07	.065	.075	.08	.10	.15	.08
(12)	10.00	7.00	5.00	5.00	7.50	5.00	5.00	8.00	7.00	10.00	11.00	7.00
(13a)	1.25	5.00	1.70	1.75	2.25	2.00	1.70	2.2	2.25	2.25	2.75	1.75
(13b)	3.00	.80	4.25	3.80	4.00	4.00	4.00	3.50	5.00	5.00	4.00	2.75
(13c)	5.00	5.00	5.00	7.00	6.50	6.00	6.00	10.55	6.20	7.00	7.00	5.00
(14)	250.00	500.00	900.00	400.00	200.00	200.00	425.00	651.00	700.00	250.00	300.00	175.00

LOS ANGELES COUNTY—SURFACING—(State)

LOS ANGELES, Calif. — Claude Fisher Company, Ltd., 2455 E. 55th St., Los Angeles, at \$67,320.90, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for widening shoulders and surfacing with plant-mixed surfacing about 6.6 miles between West Covina and Pomona.

Work involves:

- (1) 348 sta. clear and grub;
- (2) 900 M. gals. water;
- (3) 80 c.y. existing concrete removed and disposed of;
- (4) 107,000 c.y. rdwy. excav., unclass.
- (5) 1,250 c.y. struc. excav.;
- (6) 850 c.y. ditch and channel excav.
- (7) 525,000 sta. yds. overhaul;
- (8) 348 sta. finishing rdwy.;
- (9) 100 tons liquid asphalt, SC-2 prime coat;
- (10) 2,600 tons min. aggregate plant-mix surf.;
- (11) 135 tons liq. asph. SC-4 plant-mix surf.;
- (12) 1,270 tons liquid asphalt SC-2 road mix surf. treatment;

- (13) 105,000 sq. yds. preparing, mixing and shaping shoulders;
- (14) 14,200 lbs. bar reinf. steel;
- (15) 190 c.y. Class A Portland cement concrete struc.;
- (16) 125,000 lbs. misc. iron and steel;
- (17) 290 l.f. 24-in. CMP;
- (18) 42 l.f. 30-in. CMP;
- (19) 18 l.f. 36-in. CMP;
- (20) 28 l.f. 48-in. CMP;
- (21) 500 l.f. 6-in. perf. metal pipe underdrains;
- (22) 75 c.y. rock filling material;
- (23) 1,920 l.f. existing CMP removed, cleaned and relaid;
- (24) 11 l.f. existing CMP removed, cleaned and salvaged;
- (25) 5 each spillway assemblies;
- (26) 34 each remove, clean and relay embankment protectors;
- (27) 200 l.f. laminated guard railing;
- (28) 82 each culvert markers, removed and reset;
- (29) 50 each guide posts removed and reset;
- (30) 280 each guide posts and culvert markers removed and salvaged;
- (31) 2.0 miles fences moved and re-

- set;
  - (32) 100 l.f. bank protection fence.
- The state will furnish CMP perforated metal pipe bank couplers and embankment protectors.
- Complete bids follow:
- (A) Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, \$67,420.90.
  - (B) Geo. J. Bock Co., \$79,324.00.
  - (C) Oswald Bros., \$79,569.00.
  - (D) Minnis & Moody, \$83,495.10.
  - (E) Macco Const. Co., Clearwater, \$86,368.45.
  - (F) Heuser & Garnett, Glendale, \$86,404.00.
  - (G) Griffith Co., Los Angeles, \$89,423.10.
  - (H) J. E. Haddock, Ltd., Pasadena, \$90,450.85.
  - (I) Geo. K. Thompson & Co., La Canada, \$102,264.50.
  - (J) A. S. Vinnell, Alhambra, \$103,923.50.
  - (K) W. E. Hall Co., \$107,942.80.
  - (L) Daley Corp., San Diego, \$110,536.75.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$ 2.50	\$10.00	\$ 2.00	\$ 8.00	\$10.00	\$10.00	\$ 8.00	\$10.00	\$ 6.00	\$10.00	\$ 4.00	\$ 3.85
(2)	1.70	2.00	1.50	2.00	1.65	1.50	3.10	2.35	2.00	2.75	2.50	3.00
(3)	4.00	5.00	5.00	3.00	4.00	4.00	5.00	10.00	5.00	5.00	7.00	6.00
(4)	.275	.31	.33	.34	.32	.36	.40	.32	.52	.50	.54	.59
(5)	1.20	1.00	1.25	1.50	1.25	1.25	1.30	1.50	1.25	1.00	1.00	1.50
(6)	.80	.70	.75	1.00	.75	.50	1.30	.65	.50	.90	.75	1.00
(7)	.005	.005	.007	.0033	.005	.0025	.005	.01	.005	.005	.015	.01
(8)	2.50	5.00	10.00	5.00	10.00	10.00	3.50	5.00	6.00	10.00	4.00	5.00
(9)	7.00	9.00	9.00	14.00	13.50	15.00	13.00	14.50	7.50	14.00	12.50	7.75
(10)	2.20	2.00	2.40	2.25	2.00	2.00	2.60	2.90	2.50	2.00	2.85	2.00
(11)	9.00	12.00	9.00	10.00	9.00	12.00	9.00	9.00	10.00	11.00	10.00	9.25
(12)	7.00	9.00	7.50	8.00	9.20	10.00	8.00	8.00	7.00	7.00	7.00	7.75
(13)	.05	.05	.06	.06	.07	.05	.05	.085	.05	.055	.05	.065
(14)	.05	.05	.05	.05	.08	.06	.05	.10	.07	.07	.06	.06
(15)	20.00	20.00	23.00	22.00	27.50	23.00	25.00	28.00	30.00	40.00	19.00	25.00
(16)	.12	.20	.17	.20	.25	.12	.17	1.65	.20	.20	.25	.20
(17)	.40	.50	.35	.60	.50	.40	.90	.55	.40	.60	.60	.50
(18)	.50	.60	.50	.80	.60	.60	1.00	.65	.50	.70	.70	.60
(19)	.60	.65	.75	1.00	.75	.70	1.20	.85	1.00	.80	.80	.75
(20)	.70	1.00	1.00	1.50	1.50	.80	3.00	1.00	1.50	1.20	1.00	1.50
(21)	.20	.25	.25	.30	.20	.15	.30	.50	.50	.25	.20	.20
(22)	3.00	2.50	2.00	2.00	2.00	1.50	2.50	3.00	2.00	2.00	2.50	1.50
(23)	.50	1.00	.50	1.50	.75	1.25	.50	.80	1.50	.75	1.50	.50
(24)	.50	.60	.50	1.50	.75	1.00	.50	1.00	1.00	.60	1.50	.50
(25)	5.00	15.00	5.00	17.50	2.00	6.00	5.00	8.00	6.00	7.50	13.00	3.00
(26)	5.00	12.00	7.00	5.00	3.00	12.00	10.00	10.00	6.00	8.00	12.00	3.00
(27)	1.00	1.25	1.00	2.00	2.00	1.00	1.30	1.25	1.10	2.00	1.30	1.50
(28)	1.50	1.00	1.50	3.00	2.50	1.00	2.00	1.25	1.00	1.00	2.00	1.50
(29)	1.00	1.00	1.50	1.00	2.50	1.00	2.00	1.25	1.00	1.00	1.50	1.50
(30)	.50	.50	.25	.50	2.50	1.00	.60	.50	.60	.50	1.00	1.25
(31)	300.00	200.00	300.00	800.00	600.00	200.00	300.00	350.00	800.00	500.00	500.00	200.00
(32)	4.00	2.00	2.50	1.00	4.00	3.00	3.50	2.25	1.10	4.00	2.00	1.25

★ "STAR PRINTERS" are as rare as 20 days of rain in July. For your next printing estimate consult with STARK-RATH Printing and Publishing Co.—"The House of Personal Service."

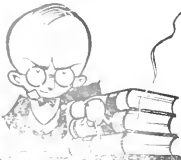
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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## MET. WATER DISTRICT

**LOS ANGELES, Calif.**—Until Aug. 7, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., for furnishing five electric motor-operated air compressors or use at the Colorado River Aqueduct pumping plants, Spec. 232. Plans and specifications may be obtained from the office of the district, room 1007, 206 W. 3rd St., Los Angeles, upon payment of \$1, not returnable. Certified or cashier's check, 10%.

**LOS ANGELES, Calif.**—Until Aug. 8, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent for circuit breakers for the Aqueduct Pumping Plants; bid No. 87342.

**LOS ANGELES, Calif.**—Until Aug. 7, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent for induction type relays; bid No. 87516.

**LOS ANGELES, Calif.**—Until Aug. 8, 10 a. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for 19,300 L. 3-conductor, size 4/0 armored cable for 2300-volt service. Certified or cashier's check, \$4,000. Spec. 233 may be obtained from Room 1007, upon payment of \$1.00 per set. F. E. Veymouth, Chief Engineer and General Manager.

**LOS ANGELES, Calif.**—Until September 2, 2 P. M., bids will be received by Metropolitan Water District for needle valves or horizontal cylinder valves with control and operating devices for installation in dike valve structure of Gene and Copper Basin dams, Spec. 230.

**Work involves:**  
Schedule 1—Two needle valves, one 8 x 42 in. and one 60 x 54 in., complete with control and operating devices.

Schedule 2—Two horizontal cylinder valves, one with 42-in. diameter and one with 54-in. diameter, complete with adapters and control and operating devices. Schedule 2 is alternative to Schedule 1. 1

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, or furnishing misc. supplies and materials, as follows:

August 17, 2 P. M.  
BID NO. 5083—36 doz. gasoline lantern lenses; f.o.b. Government Island.

BID NO. 5068—Roofing sheet metal, 26-gauge, galv. steel; f.o.b. Sanaville.

Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Until August 17, 10:30 A. M., bids will be received by the Office of the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 278, for furnishing cable, electric fixtures, marine-type connecting boxes, asbestos board, insulating fibre, miscellaneous lumber, office supplies

and electrical supplies.

Specifications may be obtained from the above office or from the Assistant Purchasing Agent, Panama Canal, Fort Mason, San Francisco. \*

**PANAMA CANAL ZONE.**—Until August 26, 10:30 A. M., bids will be received by the Office of the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3279, for furnishing metal doors, hardware, fencing material, sheet iron or steel, melting kettles, pump primer, power cable, cable, wire, electric supplies, etc.

Specifications may be obtained from the above office or from the Assistant Purchasing Agent, Panama Canal, Fort Mason, San Francisco. \*

## CALIFORNIA STATE

**SACRAMENTO, Calif.**—Until Aug. 18, 10 A. M., bids will be received by State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 25229, for furnishing one pneumatic trailer of capacity sufficient to transport power shovel weighing 15 tons; fob Redding.

Specifications obtainable from the above office. \*

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until August 20, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-40, for furnishing closet bowl brushes, garbage cans, steel wool, etc.; f.o.b. Ft. Mason.

Specifications obtainable from the above office.

**FORT LEWIS, Wash.**—Until August 18, 10 a. m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, Washington, under Bid No. 488-38-6, for furnishing white lead, turpentine, alcohol, paint thinner, etc.; f.o.b. bidder's shipping point or destination.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until August 20, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-41, for furnishing 302 gallons of olive drab paint; f.o.b. Fort Mason.

Specifications obtainable from the above office. \*

**SACRAMENTO, Calif.**—Until Aug. 20, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-32, for furnishing one electric motor, 25 hp., 220 volts, A.C., 3-phase, 60-cycle; f.o.b. Rio Vista.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until Aug. 19, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-31, for furnishing 500 drill bits of various sizes; f.o.b. Sacramento.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Until Aug. 24, 10 a. m., bids will be received by

the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-43, for furnishing hoist chain, patch unit tube, primary No. 14 cable and similar supplies; f.o.b. Fort Mason, for shipment to various points.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until August 19, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-38-14, for one automobile, 4-door sedan type, 5-passenger, with baggage compartment; f.o.b. bidder's selection or San Francisco.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until Aug. 17, 3 p. m., bids will be received by Lieut.-Col. L. B. Chambers, District Engineer, U. S. Engineer Office, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-29, for one clamshell bucket to be used for general purposes; f.o.b. Sacramento.

**SAN FRANCISCO, Calif.**—Until August 20, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, under Bid No. 865-38-15, for furnishing one dredge pump shaft; f.o.b. San Francisco.

Specifications obtainable from the above office.

**FORT MASON, Calif.**—Bids will be received by the Quartermaster Supply Officer, Fort Mason, for furnishing misc supplies and materials, as follows:

August 19, 10 A. M.  
BID NO. 928-38-36—Oil filters, etc., and misc. parts for White trucks; f.o.b. Fort Mason.

August 25, 10 A. M.  
BID NO. 928-38-44—Valves stem cap; tube repair kit; tire pressure gauge, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

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Building and Engineering News

## IN THIS ISSUE



Eaton and Smith Awarded  
Viaduct Contract



*Clinton, Anderson & Rowe Bid S. F.  
Treatment Plant*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., AUGUST 21, 1937

No. 31

## EATON & SMITH WIN BAY SPAN VIADUCT AWARD

Heavily Lets Big Contract Day  
After Opening of  
Proposals

SACRAMENTO, Aug. 19. — Director Earl Lee Kelly of the State Department of Public Works today announced award of the contract for construction of the San Francisco-Oakland Bay Bridge railway viaduct to Eaton & Smith of San Francisco, at the bid price of \$605,000.

The contract calls for construction of a viaduct to carry the electric interurban trains of the Key System, Sacramento Northern and Southern Pacific from the bridge terminal now being constructed by MacDonald & Kahn Co., Ltd., to a bridge structure.

It is one of the last contracts for major San Francisco-Oakland bridge jobs to be let, and is the largest bay bridge contract to be awarded since the terminal building contract was let.

### Other Bidders

Other bidders on the viaduct were Bates & Rogers, \$651,507; Clinton Construction Co., \$670,854; Healy-Libbitts Construction Co., \$702,505; Barrett & Hilp and A. Teichert & Son, \$712,705; and MacDonald and Kahn Co., Ltd., \$733,337.

As figures indicate, Eaton and Smith's proposal of \$605,350 was more than \$46,000 lower than the figure submitted by the second lowest bidder.

Eaton and Smith's bid of \$15.30 per cubic yard on one of the major spans involving 12,500 cubic yards of concrete above foundations was more than \$4 per cubic yard lower than the second lowest bidder. Their bids for demolition and removal of buildings, and drainage were substantially lower than the prices of other bidders, also.

Shipments of fire extinguishing motor apparatus during the first six months of 1937 totaled 419, as compared to 289 units shipped during the same period in 1936, the Bureau of Census reports.

## CLINTON, ANDERSON & ROWE LOW ON RICHMOND-SUNSET TREATMENT PLANT

Clinton Construction Company and Anderson & Rowe yesterday submitted low bids to Director William H. Worden of the San Francisco Department of Public Works on the structural and mechanical work propositions, respectively, for construction of the \$435,000 Richmond-Sunset Sewage Treatment Plant.

### EXPOSITION ASKS SPUR TRACK BIDS

Bids for construction of spur track and switching facilities on Yerba Buena Shoals, site of the 1939 Golden Gate International Exposition, will be opened at the exposition company offices in San Francisco Aug. 27, it was announced this week.

Work will involve about 8,055 feet of track, with an alternate proposal providing for construction of an additional 3,032 feet of track. Contractors desiring to figure the project may procure plans at the exposition office, 525 Bush street, upon deposit of \$20.

No bids were submitted under Proposition C which called for construction of the entire plant, including structural and mechanical work.

Clinton Construction Company bid \$262,500 on the proposition involving structural work. Second lowest bidder was Eaton & Smith, at \$278,600. Other bidders were: Barrett & Hilp, at \$294,000; MacDonald & Kahn Co., Ltd., at \$298,892; and Fred J. Early, Jr., and C. W. Caletti & Co., bidding jointly, at \$335,515.

### Mechanical Work

The bid of Anderson & Rowe on Proposition B (mechanical work) amounted to \$172,889. The Kenny Electric Company, at \$189,700, was the second lowest bidder, followed by Fred J. Early, Jr., at \$195,663; and Herman Lawson Company, at \$198,833.

The combined bid of Clinton Construction Company and Anderson & Rowe for the entire job amounted to \$435,389.

The second largest job for which bids were opened yesterday by Director Worden involved construction of the Castro Street Extension from Duboce avenue to Walter and Divisadero streets.

Charles L. Harney, at \$45,792.50, submitted the low bid which was considered lower than the estimated cost of more than \$50,000. Second lowest bidder was Eaton and Smith, at \$46,137.75.

Other bidders were: A. G. Raich at \$46,945.90; M. J. Lynch, \$48,145.50; Fay Improvement Co., \$49,234.40; Sibley Grading and Teaming Company, \$49,858.10; and E. J. Treacy, \$56,599.50.

While digging up palm trees near the famed Mission Dolores in San Francisco, workmen in the horticultural department of the 1939 Golden Gate International Exposition unearthed dozens of skulls, apparently from an old Indian burial ground.

### "CECO" ANNOUNCES CHANGE OF NAME

The name of the Concrete Engineering Co. has been changed to Ceco Steel Products Corp., it is announced by Pres. C. Louis Meyer. The more descriptive title was made necessary by expansion of services and products of the organization, he said.

General offices will continue to be located in Omaha, with branch sales offices and warehouses in principal cities. San Francisco and Los Angeles are locations of the West Coast branch offices, according to R. N. Jennings, San Francisco credit manager. The local office is at 1280 Indiana street.

Ceco products now include steel joists, steel windows, metal frame screens, metal window strips and metal lathing materials, as well as reinforcing steel and welded wire fabric, patented steel forms and adjustable shores and column clamps.

## SEVEN SCHOOLS IN CALIFORNIA WIN ALLOTMENTS

Included in "Fire Hazard" Group Approved to Start New PWA Program

Grants to seven California schools to aid construction estimated to cost \$1,113,769 were included among 280 allotments for school construction work in 41 states approved yesterday in Washington, PWA Administrator Harold L. Ickes announced.

The 280 allotments total \$18,033,458. The total cost of school construction for which grants were made amounts to approximately \$37,714,378.

The following list represents the first survey of all so-called fire hazard school applications, preference having been given to applications calling for demolition of the old school building or buildings in this first group of allotments made under the authority granted by Congress June 29.

The following list includes allotments for western projects, only.

Location	Grant	Est. Cost
Acme, Wash.	83,262	\$96,363
Anchorage, Alaska	116,085	257,966
Arcadia, Ore.	8,550	19,000
Basalt, Colo.	20,612	44,472
Beaverton, Ore.	31,500	70,000
Bigen, Wash.	11,250	25,000
Blanding, Utah	54,000	126,000
Bonker, Colo.	90,000	200,000
Bridgeport, Wash.	16,665	37,035
Chehalah, Wash.	28,575	63,500
Clackamas and Yam-		
hill Cos., Ore.	3,772	8,382
Cokeville, Wyo.	34,772	77,272
Colton, Wash.	35,300	78,000
Colville, Wash.	22,500	50,000
Concrete, Wash.	27,000	60,000
Conway, Wash.	52,854	117,520
Dinuba, Calif.	105,300	234,000
Douglas City, Alaska	29,250	65,000
Dupont, Wash.	40,500	90,000
Elk Plains, Wash.	7,893	17,540
Ephrata, Wash.	34,200	76,000
Eureka, Utah	52,200	116,000
Forest Grove, Ore.	43,809	90,909
Fort Shaw, Mont.	9,818	21,818
Foster, Wash.	40,000	88,900
Fowler, Calif.	45,000	100,000
Fresno Co., Calif.	79,191	175,980
Gilbert Station, Ore.	32,727	72,727
Gillette, Wyo.	52,854	117,520
Grand Valley, Colo.	70,000	70,000
Hanford, Wash.	21,420	47,600
Harlowton, Mont.	45,000 *	100,000
Hill County, Mont.	15,000	40,000
Kalama, Wash.	40,909	90,909
Kent, Wash.	64,800	144,000
La Center, Wash.	34,550	77,000
Lewis County, Wash.	43,809	90,909
Mahton, Wash.	32,490	72,200
Meridian, Wash.	39,150	87,000
Mojave, Calif.	60,675	133,500
Mount Vernon, Wash.	81,818	181,818
Naches, Wash.	46,500	104,000
No Beltington, Wash.	18,000	40,000
Ouray County, Colo.	72,727	72,727
Panguitch, Utah	45,000	100,000
Plymsee, Idaho	22,999	50,909
Pocatello, Idaho	302,727	672,727
Provo, Calif.	25,994	57,765
Provo, Utah	96,863	215,250
Privett, Wash.	42,500	100,000
Quincy, Wash.	36,000	80,000
Richland, Wash.	32,637	72,527
Roseburg, Wash.	23,481	52,181
Rosllyn, Wash.	33,300	74,000
Sheridan, Mont.	27,000 **	60,000
Silver Lake, Wash.	23,850	53,000

## U. C. CONCRETE DESIGN COURSES START SEPT. 13

Richardson Announces Extension Classes to Be Held In San Francisco

The University of California Extension Division has scheduled four courses in concrete construction, according to Prof. Leon J. Richardson, Director.

The courses will be taught by Victor E. Johnson of Oakland, and will be given at the Extension Division's San Francisco center, 540 Powell street. Titles of the courses and beginning dates are as follows:

**Reinforced Concrete Design:** for architects, engineers and draftsmen. Application of theory, practical designing and detailing stressed. Monday, Sept. 13, 7 P. M.

**Reinforced Concrete: Design of Formwork:** economical design and construction of formwork; technique and craftsmanship of form construction for architectural concrete buildings. Monday, Sept. 13, 8 P. M.

**Reinforced Conc.: Rigid Frames:** detailed analysis of rigid frame concrete bridges of one or two spans. Friday, Sept. 17, 7 P. M.

**Reinforced Concrete: Continuous Beams:** moment and shear distribution for prismatic beams and beams of varying section; the column analogy. Design of rigid frames with and without sideways. Friday, Sept. 17, 8 P. M.

Enrollment fee for each course, 15 meetings, is \$6.00 plus \$1.00 annual registration fee, covering all courses taken during 1937-38. First meetings of all classes will be open to the public without charge, according to Professor Richardson.

## TRAINING SCHOOL CLASSES PLANNED

The DeVilbiss Company announces the schedule of their training school for the second half of 1937. The school is open to industrial painters, master painters, automobile refinishers, and all others interested in learning the technique of spray painting, and the use and care of spray-painting equipment.

Training periods last one week. Classes start on following dates: August 23, September 27, October 25, November 15 and December 13. Complete information may be obtained by writing the DeVilbiss Company, Toledo, Ohio.

Snohomish, Wash.	65,250	145,000
Silver Lake, Wash.	36,900	82,000
So. Pasadena, Calif.	122,727	272,727
Stanwood, Wash.	44,298	98,440
Starup, Wash.	14,855	25,455
Union Gap, Wash.	30,600	68,000
Waverly, Wash.	16,342	36,316
Wenatchee, Wash.	121,500	270,000
Woodlake, Calif.	67,545	151,100

(\* ) Loan, \$55,000.

(\*\* ) Loan, \$23,000.

## FRIANT BRANCH OFFICE OPENED, YOUNG REPORTS

Canal Survey Work Speeded; New Office Serves As Field Headquarters

A branch office of the Friant Division of the Central Valley Project was occupied yesterday by the United States Bureau of Reclamation in Visalia, county seat of Tulare county, Construction Engineer Walker R. Young reported.

Located on the second floor of the Visalia City Hall, it will serve as a local office for field work on the Friant-Kern Canal. The division headquarters is located at Friant, northeast of Fresno, in charge of Division Engineer R. S. Candler.

Final survey of the canal line has been completed from Friant to the Kings River crossing east of Centerville, Fresno county. Preliminary location has been extended to near Oroqui, Tulare county.

The canal when completed will carry supplemental irrigation water to Southern San Joaquin Valley lands now threatened with reversion to desert because of depletion of the underground water supply.

A branch office of the Delta Division was opened recently in Tracy San Joaquin county, to facilitate survey work on the San Joaquin Pumping System. The Delta Division headquarters is at Antioch, Contra Costa County, in charge of Division Engineer Oscar G. Boden.

Headquarters of the Kennett Division is at Redding, Shasta county, in charge of Division Engineer Roy M. Snell. All the division engineers report to Walker R. Young, construction engineer, at the project headquarters in Sacramento.

## MALLEABLE CASTING PRODUCTION GAINS

Production of malleable iron castings has shown a decided increase during the past four years with production totaling 665,000 tons in 1936, and operations reported at 73 per cent of capacity for the first half of 1937, according to Melott & Snyder, public relations agents for the industry.

The later figure is 16 points higher than the percentage of capacity (57 per cent) reported by mills for the first six months of 1936.

Mill executives state that new uses for malleable iron castings are being developed regularly. They are found in automobiles, office homes; on farms, railroads, ship and airplanes. Lamp posts, bridge railings, park bench frames, fence posts and various types of agricultural tools represent new adaptations.

More than 3,000 special events are being arranged for the 1938 Golden Gate International Exposition, an average of more than ten a day for the 288 days.

## PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
48	Brown	O'Brien	1000
49	Chancellor	Owner	4000
50	Gen. Petr.	Owner	4750
51	Ohlsen	Owner	3000
52	We. Pac.	Early	10000
53	Benedetti	Owner	5000
54	Costello	Owner	4000
55	Costello	Owner	4000
56	Knowles	O'Brien	1000
57	Lambertson	Owner	2000
58	Menlo	Barrett	9500
59	Star	Owner	2900
60	Wright	Owner	1500
61	De Santi	Faggioni	4000
62	Fruehauf	Barrett	12000
63	Goodyear	S F Bldg	2000
64	Meranda	Fisher	2500
65	Rose	A A Alter.	1000
66-70	Standard	Owner	3500
71	United Artist	S F Bldg	1000
73	Dailey	Coburn	2000
74	O'Connor	Coburn	2000
75	Ostis	Callahan	1000
76	Andrade	Johnson	5000
77	Lambertson	Owner	2000
78	Leibhardt	Carlson	3000
79	Union	Owner	1200
80	United Air	Elec. Prod.	1500

## ALTERATIONS

648	1065 GOLDEN GATE AVE.		
Alter apartments.			
Owner—	L. E. Browne, c/o Contractor.		
Contractor—	Lloyd O'Brien, 369 Pine St.		
Architect—	Not Given.	\$1000	

## ALTERATIONS

649	433 POWELL ST.	Alter hotel.	
Owner—	Chancellor Hotel, Fremont.		
Architect—	Hertzka & Knowles, 369 Pine St.		\$4000

## SERVICE STATION

630	NE 19TH AVE. AND TARAVAL	Steel service station.	
Owner—	General Petroleum Corp. of Calif., Farr Terminal, Oakland.		
Architect—	Not Given.	\$4750	

## DWELLING

631	N. ELBERT, 100 E OF BENNINGTON.	One-story and basement frame dwelling.	
Owner—	A. H. Ohlsen, 242 Vienna St.		\$3000
Architect—	Not Given.		

## FREIGHT SHED

629	W. 7TH ST., 112 S BRANNAN.	One-story frame freight shed.	
Owner—	Western Pacific R.R., Mills Bldg.		
Contractor—	Fred J. Early, Jr., 369 Pine St.		
Architect—	Not Given.	\$10,000	

## DWELLING

653	E. CAYUGA, 190 S OF SAN JUAN.	One-story and basement frame dwelling.	
Owner—	A. De Benedetti, 100 Brazil.		\$5000
Architect—	Not Given.		

## DWELLING

654	E. 8TH AVE., 300 S KIRKHAM.	One-story and basement frame dwelling.	
Owner—	Michael Costello, 821 34th Ave.		\$4000
Architect—	Not Given.		

## DWELLING

655	E. 8TH AVE., 275 S KIRKHAM.	One-story and basement frame dwelling.	
Owner—	Michael Costello, 821 34th Ave.		\$4000
Architect—	Not Given.		

## ALTERATIONS

656	2539 CLAY ST.	Alter apartments.	
Owner—	S. Knowles, c/o Contractor.		
Contractor—	Lloyd O'Brien, 369 Pine Street.		
Architect—	Not Given.	\$1000	

## DWELLING

657	N. INNES, 275 W MENDELL.	One-story and basement frame dwelling.	
Owner—	V. and E. Lambertsen, 407 Bank St.		
Architect—	Not Given.	\$2000	

## ALTERATIONS

658	180 NEW MONTGOMERY.	Alter office building.	
Owner—	Menlo Investment Co., 821 Market St.		
Contractor—	Barrett & Hiip, 918 Harrison St.		
Architect—	Dodge A. Riedy, 821 Market St.		
Engineer—	W. H. Ellison, 821 Market St.		\$9500

## ALTERATIONS

659	492-98 CASTRO ST.	Alter a drug store.	
Owner—	Star Pharmacy, Prem.		
Architect—	Not Given.	\$2900	

## ALTERATIONS

660	10 VINTON COURT.	Alter restaurant.	
Owner—	P. Wright, Menlo Park.		
Architect—	Not Given.	\$1500	

## DWELLING

661	N. PALOU, 225 E MENDELL.	One-story and basement frame dwelling.	
Owner—	Orlando De Santi, 1158 Egbert St.		
Contractor—	C. Faggioni and J. Barsotti, 1567 Revere Ave.		\$4000
Architect—	Not Given.		

## FACTORY

662	W. 3RD ST., 245 N 18TH ST.	One-story frame factory.	
Owner—	Fruehauf Trailer Co., 145 11th St.		
Contractor—	Barrett & Hiip, 918 Harrison St.		
Engineer—	W. H. Ellison, 821 Market St.		\$12,000

## ALTERATIONS

663	775 BRANNAN ST.	Alter warehouses and offices.	
Owner—	Goodyear Tire and Rubber Co., 775 Brannan St.		
Contractor—	S. F. Bldg & Const. Co., 2212 Polk Street.		
Architect—	Not Given.	\$2,000	

## GARAGE

664	6135 GEARY BLVD.	One-story Class C garage.	
Owner—	J. P. Meranda, 409 26th Avenue.		
Contractor—	F. C. Fisher, 283 29th Avenue.		
Architect—	Not Given.	\$2,500	

## ALTERATIONS

665	322 29th AVE	Alter dwelling.	
Owner—	Mrs. S. W. Rose, premises.		
Contractor—	A. A. Alteration & Carpenter Shop, 3122 Geary.		
Architect—	Not Given.	\$1,000	

## DWELLING

666	W. 25th AVE. 450 N RIVERA.	One-story and basement frame dwelling.	
Owner and Builder—	Standard Building Co., 1500 Judah Street.		
Architect—	Not Given.	\$3,500	

## DWELLING

667	W. 25th AVE. 550 N RIVERA.	One-story and basement frame dwelling.	
Owner and Builder—	Standard Building Co., 1500 Judah Street.		
Architect—	Not Given.	\$3,500	

## DWELLING

668	W. 25th AVE. 475 N RIVERA.	One-story and basement frame dwelling.	
Owner and Builder—	Standard Building Co., 1500 Judah Street.		
Architect—	Not Given.	\$3,500	

## DWELLING

669	W. 25th AVE. 525 N RIVERA.	One-story and basement frame dwelling.	
Owner and Builder—	Standard Building Co., 1500 Judah Street.		
Architect—	Not Given.	\$3,500	

## DWELLING

670	W. 25th AVE. 500 N RIVERA.	One-story and basement frame dwelling.	
Owner and Builder—	Standard Building Co., 1500 Judah Street.		
Architect—	Not Given.	\$3,500	

## ALTERATIONS

671	1077 MARKET ST.	Alter theatre.	
Owner—	United Artist Theatre, 1077 Market Street.		
Contractor—	S. F. Bldg. & Const. Co., 2212 Polk Street.		
Architect—	Not Given.	\$1,000	

## ALTERATIONS

672	251 FREMONT STREET.	Alter factory.	
Owner—	Bothin Real Estate Co., 604 Mission Street.		
Contractor—	Not Selected.		
Engineer—	Norman B. Green, 55 New Montgomery Street.		\$15,000

## ALTERATIONS

673	1580 HAYES ST.	Alter flats.	
Owner—	J. P. Dailey, c/o contractor.		
Contractor—	I. W. Coburn, 2048 Market Street.		
Architect—	Not Given.	\$2,000	

## ALTERATIONS

674	NE COR. 17th ST. and Treat Ave.	Alter factory.	
Owner—	Miss O'Connor, c/o contractor.		
Contractor—	I. W. Coburn, 2048 Market Street.		
Architect—	Not Given.	\$2,000	

## ALTERATIONS

675	1609 WALLER Street	Alter apartments.	
Owner—	Mr. Ostis, 1601 Waller St		
Contractor—	Jack Callaghan, 900 Clayton Street.		
Architect—	Not Given.	\$1,000	

## ALTERATIONS

676	SW CHURCH AND DUNCAN STS.	Alter apartments.	
Owner—	J. F. Andrade, 1542 Church St.		
Contractor—	Joel Johnson & Son, 1574 Church St.		
Architect—	Not Given.	\$5000	

## DWELLING

677	N. INNES, 250 W MENDELL.	One-story and basement frame dwelling.	
Owner—	Vernon Lambert on 407 Bank St.		
Architect—	Not Given.	\$2000	

**ALTERATIONS**  
(678) 4135 20TH ST. Alter flats.  
Owner—William Leibhardt, 4137 20th St.  
Contractor—Carlson & Nelson, 1306 38th Ave.  
Architect—Not Given. \$3000

**ALTERATIONS**  
(679) 725 HARRISON ST. Alter printing plant.  
Owner—Union Lithograph Co., Prem.  
Architect—Not Given. \$1200

**ROOF SIGN**  
(680) 400 POST ST. Electric roof sign.  
Owner—United Air Lines, Prem.  
Contractor—Elec. Prod. Corp., 910 Harrison St.  
Architect—Not Given. \$1500

#### ALAMEDA COUNTY

No.	Owner	Contractor	Am't.
375	Langton	Owner	4300
376	Schelder	Walstrom	2000
377	Hill	Owner	3500
378	Lindel	Owner	1200
379	Moen	Owner	3500
380	Shell	Owner	7000
381	Standard	Indep. Iron	2000
382	Birge	Foster	3800
382	Baker	McClure	3700
384	Bjorkman	Owner	3500
385	Bohn	Coats	4300
386	Gen. Metals	Kruse	2000
387	Rosenthal	Owner	6000
388	Tisher	Johnson	3750
389	Collins	Patterson	3500
390	Ferreira	Leonardo	3000
391	Jennings	Owner	1800
392	Rea	Owner	4000
393	Silva	Patterson	3500
394	Dyer	Armstrong	14400
395	Hammarb'g	Hammarb'g	8500
396	Hammarb'g	Hammarb'g	5500
397	Harris	Owner	1500
398	Homeyer	Owner	1800
399	Scammell	Owner	5000
400	Sweth	Owner	1700
401	Cutter	Sather	2000
402	Arnstein	Cone	1200
403	Central	Van Bokkelen	2000
404	Wiggin	Owner	4000
405	Berk Bd. of Ed.	Owner	1500
406	Clapham	Owner	4500
407	Cava	Silva	4000
408	Harper	Hill	3500
409	Rude	Owner	3000
410	Wirth	Lynn	6000

**DWELLING**  
(375) 850 KEELER, BERKELEY.  
Two-story 5-room frame dwelling.  
Owner & Builder—H. P. Langton, 1620 Miller.  
Architect—Not Given. \$4300

**ADDITIONS**  
(376) 159 HILLCREST RD., BERKELEY. Additions.  
Owner—C. W. Schelder, Prem.  
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.  
Architect—Not Given. \$2000

**DWELLING**  
(377) 3801 WISCONSIN STREET, BERKELEY. One-story 5-room dwelling.  
Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.  
Architect—Not Given. \$3500

**ADDITIONS**  
(378) 570 OAKLAND AVE., BERKELEY. Alterations and repairs.  
Owner & Builder—Valentine Lindel, 2557 Wakefield Ave.  
Architect—Not Given. \$1200

**DWELLING**  
(379) 2236 109TH AVE., BERKELEY. One-story 5-room dwelling.  
Owner & Builder—Ole Moen, 3201 Wymman St.

Also 1-story garage, \$200.  
Architect—Not Given. \$3500

**SERVICE STATION**  
(380) 205 TELEGRAPH AVENUE, OAKLAND. One-story steel service station.  
Owner & Builder—Shell Oil Co., 315 Derby Ave.  
Architect—Not Given. \$7000

**SERVICE STATION**  
(381) 191 14TH ST., OAKLAND. Steel service station.  
Owner—Standard Oil Co., 1201 Financial Center Bldg.  
Contractor—Independent Iron Works, 821 Pine St.  
Steel service station, \$1800.  
Architect—Not Given. \$2000

**ADDITIONS**  
(382) 1639 LA VAREDA, BERKELEY. Additions.  
Owner—R. T. Birge, Prem.  
Contractor—W. G. Foster, 4 Avon Road.  
Architect—Not Given. \$3800

**ALTERATIONS**  
(383) 3417-19-21 BROADWAY, Oakland. Alterations to apartments.  
Owner—E. Carlton Baker, Prem.  
Contractor—S. & J. S. McClure Co., 506 Ramona St., Albany.  
Architect—Not Given. \$3700

**DWELLING**  
(384) 3617 WISCONSIN ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—F. N. Bjorkman, 6305 Monadnock Way.  
Also garage, \$150.  
Architect—Not Given. \$3500

(385) 31 OVERLAKE COURT, OAKLAND. One-story 5-room dwelling.  
Owner—John Bohn, Prem.  
Contractor—Phillip L. Coats, 2837 Foothill Blvd.  
Architect—Not Given. \$4300

**WAREHOUSE**  
(386) 739 105TH AVE., OAKLAND. One-story warehouse.  
Owner—General Metals Corp., Prem.  
Contractor—Harry Kruse, 462 105th Ave.  
Architect—I. M. Johnson, 2219 7th Ave. \$2000

**WAREHOUSE**  
(387) 460 2ND ST., OAKLAND. One-story brick and concrete warehouse.  
Owner & Builder—Max Rosenthal, 2d and Broadway.  
Architect—R. C. Schuppert, 1530 Wellington St. \$6000

**DWELLING**  
(388) 2321 5TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—C. R. Tisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 450 Oakes Blvd., San Leandro.  
Also 1-story garage, \$125.  
Architect—Not Given. \$3750

**DWELLING**  
(389) 5462 HOLLAND ST., OAKLAND. One-story 5-room dwelling.  
Owner—J. I. Collins, 1439 55th Ave.  
Contractor—J. F. Patterson, 1439 55th Ave.  
Architect—Not Given. \$3500

**DWELLING**  
(390) 1356 83RD AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. M. Ferreira, 8603 E. 14th St.  
Contractor—F. J. Leonardo & Son, 1451 86th Ave.  
Architect—Not Given. \$3000

**DWELLING**  
(391) 10412 BYRON AVE., OAKLAND. One-story 3-room dwelling.  
Owner & Builder—A. C. Jennings, Prem.  
Architect—Not Given. \$1800

**DWELLING**  
(392) 1392 HOLMAN ROAD, OAKLAND. Two-story 5-room dwelling.  
Owner & Builder—J. C. Rea, 264 Monte Vista Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(393) 8707 A ST., OAKLAND. One-story 3-room dwelling.  
Owner & Builder—Tony M. Silva, 8715 A St.  
Architect—Not Given. \$1200

**DWELLING**  
(394) 600 EUCLID, BERKELEY. Two-story 7-room dwelling and garage.  
Owner—Edhel K. Dyer, 1423 Spruce.  
Contractor—J. R. Armstrong, 1131 Fleet Rd.  
Architect—J. H. Thomas, Berkeley. \$14,400

**DWELLING**  
(395) 1911 BERRYMAN, BERKELEY. One-story 8-room frame dwelling.  
Owner—P. Hammarberg, 307 Ramona.  
Contractor—A. Hammarberg, 314 Ramona.  
Architect—Not Given. \$4500

**DWELLING**  
(396) 1913 BERRYMAN, BERKELEY. Two-story 10-room frame.  
Owner—P. Hammarberg, 307 Ramona.  
Contractor—A. Hammarberg, 314 Ramona.  
Architect—Not Given. \$5500

**ALTERATIONS**  
(397) 202 SANTA ROSA AVENUE, OAKLAND. Alterations.  
Owner & Builder—L. A. Harris, 3268 Lakeshore Ave.  
Also 1-story frame garage, \$350.  
Architect—Not Given. \$1500

**ADDITIONS**  
(398) 5270 LOCKSLEY AVE., OAKLAND. Addition and alteration.  
Owner & Builder—C. O. and F. D. Homeyer, Prem.  
Architect—Not Given. \$1800

**DWELLING**  
(399) 9245 CASTELL ST., OAKLAND. One-story 6-room dwelling.  
Owner & Builder—J. W. Scammell, 3161 Fruitvale Ave.  
Architect—Not Given. \$5000

**DWELLING**  
(400) 2100 101ST AVE., OAKLAND. One-story 4-room dwelling.  
Owner & Builder—Edward S. Smith, 1931 E. 27th St.  
Architect—Not Given. \$1700

**ADDITION**  
(401) 724 PARKER AVE., BERKELEY. Addition.  
Owner—The Guier Laboratories, 4th and Parker, Berkeley.  
Contractor—S. J. Sather, 2925 Hille-gass, Berkeley.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(402) 1445 LEIMERT BLVD., OAKLAND. Alterations.  
Owner—Hugo Arnstein and H. A. Mitchell, San Francisco.  
Contractor—Wilbur C. Cone, 608 16th St., Oakland.  
Architect—E. T. Foulkes, 357 12th St., Oakland. \$1,200



**ALTERATIONS**  
 (403) 2036-46 TELEGRAPH AVE., OAKLAND. Alterations.  
 Owner—Central Development Company, 2030 Broadway, Oakland.  
 Contractor—W. K. Van Bokkelen, 439 23rd St., Oakland.  
 Architect—Not Given. \$2,000

**RESIDENCE**  
 (404) 1 WESTWOOD COURT, OAKLAND. One-story 5-room residence.  
 Owner and Builder—J. S. Wiggin, 112 Glenwood Glade, Oakland.  
 Architect—Not Given. \$4,000

**MOVE BLDGS.**  
 (405) 2771 TELEGRAPH, BERKELEY. Move portable buildings.  
 Owner & Contractor—Berkeley Bd. of Education, 2325 Milvia.  
 Architect—Not Given. \$1500

**ADDITIONS**  
 (406) 1 GRIZZLY PEAK, BERKELEY. Additions.  
 Owner & Builder—Frances J. Clapham, Prem.  
 Architect—Not Given. \$4500

**DWELLING**  
 (407) 469 63RD ST., OAKLAND. 1-story 5-room dwelling.  
 Owner—John A. Cava, 525 64th St.  
 Contractor—J. P. Silva, 870 46th St.  
 Architect—Not Given. \$4000

**RESIDENCE**  
 (408) 2350 TIFFIN ROAD, OAKLAND. One-story 5-room residence.  
 Owner—Elsa C. Harper, 3839 Clark St.  
 Contractor—Frank R. Hill, 3215 Fruitvale Ave.  
 Architect—Not Given. \$3800

**DWELLING**  
 (408) 116 REDDING ST., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—J. Rude, Prem.  
 Architect—Not Given. \$3000

**FACTORY**  
 (410) 527-541 8TH ST., OAKLAND. One-story 4-room factory.  
 Owner—Louisa Wirth, 527 E. 8th St.  
 Contractor—Willis F. Lynn, 1037 Ashmount.  
 Architect—Not Given. \$6000

**BUILDING CONTRACTS  
 SAN FRANCISCO COUNTY**

No. Owner	Contractor Amt.
148 Schmidt	Parker 150291
149 Schmidt	Parker 16838
150 Schmidt	Robinson 10323
150 P. T. & T.	Collman 1072
151 Mussio	Donner 4800

**CONCRETE BUILDING**  
 (148) STERLING ST., NR BRYANT ST. Six-story reinforced concrete building.  
 Owner—Schmidt Lithograph Co., Inc. Engineer—Jesse Rosenwald, 525 Market St.  
 Contractor—K. E. Parker Co., 135 S. Park.  
 Filed Aug. 13, 1937.  
 Payments not specified.  
 TOTAL COST, \$150,291  
 Bond, \$150,291. Surety, Seaboard Surety Co. of New York, Ltd. March 1, 1938. Plans and specifications filed.

**ELECTRICAL WORK**  
 (149) STERLING ST., NR BRYANT ST. Electrical work for 6-story concrete building.  
 Owner—Schmidt Lithograph Co., Inc. Engineer—Jesse Rosenwald, 525 Market St.  
 Contractor—Radefinger Bros., 544 Natoma St.

Filed August 13, 1937.  
 Payments not specified.  
 TOTAL COST, \$16,838  
 Bond, \$16,838. Surety, U. S. Guarantee Co. Plans and specifications filed.

**SPRINKLERS**  
 (150) STERLING ST., NR BRYANT ST. Sprinklers in 6-story concrete building.  
 Owner—Schmidt Lithograph Co., Inc. Engineer—Jesse Rosenwald, 525 Market St.  
 Contractor—Geo. M. Robinson Co., 451 Filson.  
 Filed August 13, 1937.  
 TOTAL COST, \$10,323  
 Bond, \$10,323. Surety, Fidelity & Casualty Co. of N. Y. Plans and specifications filed.

**ALTERATIONS**  
 (150) 430 BUSH ST. Alter office.  
 Owner—Pacific Tel. & Tel. Co., Corp. Contractor—A. D. Collman.  
 Filed Aug. 16, '37. Dated Aug. 4, '37 75% completion.  
 25% usual 35 days.  
 TOTAL COST, \$1,072.00  
 Bond, \$1,072. Surety, Pacific Indemnity Co. Plans and specifications filed.

**DWELLING**  
 (151) E. EGBERT AVE., 50 S OF PHILIPS ST. One-story frame dwelling.  
 Owner—Peter and Mary Mussio. Contractor—Bernard W. Donner.  
 Filed Aug. 18, '37. Dated Apr. 15, '37 Progress payments.  
 TOTAL COST, \$4,900

**BUILDING CONTRACTS  
 ALAMEDA COUNTY**

No. Owner	Contractor Amt.
99 Skaggs	Arras 2685

**STEEL WORK**  
 (99) 241 WAYNE AVE., OAKLAND. Reinforcing steel work for basement of apartment building.

Owner—M. B. Skaggs. Architect—F. Soderberg. Contractor—Adam Arras.  
 Filed Aug. 14, '37. Dated Aug. 12, '37. Completion .....\$2021.25  
 Usual 35 days ..... 67.25  
 TOTAL COST, \$2695.00  
 Bond, \$2695. Surety, Mass. Bonding & Ins. Co. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS  
 UNDER \$1000**

ALTER flats, \$250; 415 Bartlett St.; owner, Mrs. Wheeler, Prem.  
 SIGN, electric, \$125; 2316 Chestnut St.; owner, Margos Florists, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
**BILLBOARD.** \$25; SE Taylor and Jones Sts.; owner, Foster and Kleiser Co., 1675 Eddy St.  
 ALTER store, \$500; 1701 20th St.; owner, Rose De Rosa, Prem.; contractor, S. G. Guisti & Co., 200 Green St.  
 ALTER store, \$650; 2142 Fillmore St.; owner, A. Serveau, Prem.; architect, Fabre & Hildebrand, 116 Sutter St.  
 ALTER dwelling and store, \$175; 1794 Haight St.; owner, E. Watkins, 1237 Chestnut St.  
 SIGN, electric, \$200; 246 Montgomery St.; owner, Louis Rose, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 FIT 225; 3410 San Bruno Ave.; owner, M. Di Natale, Prem.; contractor, A. Stroppiano, 478 Mission St.  
 ALTER office, \$400; 240 Battery St.; owner, General S.S. Corp., Prem.;

contractor, Amist & Borhm, 329 Commercial St.  
 ALTER dwelling, \$843; 50 21st Ave.; owner, J. Liberman, Prem.; contractor, G. M. Hantzsche, 455 32nd Ave.  
 ALTER dwelling, \$100; 155 Palmetto Ave.; owner, Mary Wilson, Prem.  
 SIGN, electric, \$175; 54 Taylor St.; owner, A. Brodsky, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.  
 SIGN, electric, \$150; 1101 Golden Gate Ave.; owner, D. Diller, Prem.; contractor, Wonderlite Neon Products Co., 170 Otis St.  
 ALTER dwelling, \$400; 3041 Sacramento St.; owner, Vera and R. E. Du Mont, Prem.  
 ALTER warehouse, \$500; W. Bryant, 325 N. 16th St.; owner, Lyon Magnus, 2545 16th St.  
 ALTER laundry, \$125; 3829 20th St.; owner, Lillian W. Colburn, Prem.  
 SIGN, electric, \$400; 232 Ellis St.; owner, Three Monkeys, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER dwelling, \$430; 246 Texas St.; T. Pazzo, Prem.  
 ALTER dwelling, \$40; 225 Tocoloma; owner, J. De Ferrari, Prem.  
 SIGN, electric, \$150; 904 Cortland Ave.; owner, Joe's Candy Store, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.  
 ALTER sidewalk lights, \$200; 26 Montgomery St.; owner, Wells Fargo Bank & Union Trust Co., 58 Sutter St.; contractor, Phoenix-Simpton Co., 520 6th St.  
 SIGN, electric, \$100; 262 Noe St.; owner, Noe Cafe, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.  
 SIGN, electric, \$70; 871 Geary St.; owner, Joyce R. Butler, c/o Contractor, Lumindad Corporation, 5835 3rd St.  
 ALTER dwelling, \$500; 959 Nelson Ave.; owner, Ernest R. Bruner, 3550 San Bruno Ave.  
 ALTER warehouse, \$500; 422 Second St.; owner, Geo. Wagner, 181 So. Park.  
 ALTER dwelling, \$495; 425 24th Ave.; owner, John Tate, Prem.  
 ALTER dwelling, \$150; 812 Guerrero; owner, J. W. and M. M. Bowers, Prem.  
 ALTER dwelling, \$250; 147 Charles St.; owner, Mary A. Farrell, 227 Cheney St.  
 ALTER dwelling, \$75; 3033 Washington St.; owner, J. L. Thompson, Prem.  
 ALTER sidewalk lights, \$150; 67 4th St.; owner, Central Bank of Oakland, Oakland; contractor, Phoenix-Simpton Co., 520 6th St.  
 SIGN, electric, \$100; 731 Bush St.; owner, G. M. Stergios, 731 Bush St.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.  
 SIGN, electric, \$175; 525 7th St.; owner, Bill Cummings, Prem.; contractor, Lumindad Crp., 5835 3rd St.  
 ALTER dwelling, \$500; 28 Sweeney; owner, Wm. Lee, Prem.  
 ALTER store, \$175; 734 Broadway; owner, James Ketterman, 1327 Stockton St.; contractor, Farringer-Spaulding, 1806 Central Ave., Alameda  
 SIGN, electric, \$200; 408 Market St.; owner, Cardinal Pictures, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 SIGN, electric, \$200; 300 West Portal Ave.; owner, Joy's Motor Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.  
 ALTER flats, \$40; E. Stanvan, 408 N. Turk St.; owner, Polton Perkins, 148 Stanford St.  
 SIGN metal, \$50; 528 Geary St.; owner, Mrs. Dittmore, Prem.; contractor, Edw. Broome, 400 20th Ave.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Cold and Storage Pools
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Fire Houses and Jails
4.—Factories and Warehouses	14.—Residences
5.—Flats	15.—Schools
6.—Garages and Ser- vice Stations	16.—Banks, Stores and Theatres
7.—Federal Build- ings	17.—Wharves
8.—Club Buildings	18.—Misc. Const.
9.—Hospitals	19.—Misc. Supplies & Etc.
10.—Hotels	

### 1—APARTMENTS

Bids In—Held Under Adjudication  
APARTMENTS Est. Cost, \$20,000  
SAN FRANCISCO, N. 20th St., E. of  
Valencia St.

Two-story frame apartment building  
(four 4-room apts.)  
Owner—Miss May Coughlan, c/o Ar-  
chitect.

Architect—H. C. Baumann, 251 Kearny  
St.  
Announcement shortly.

### 3—CHURCHES

Preparing Preliminary Plans  
CHURCH Cost, \$45,000  
SAN JOSE, Santa Clara Co., Calif.  
80 S. Fifth St.

New edifice to replace church re-  
cently destroyed by fire.  
Owner—First Christian Church.  
Architect—Binder & Curtis, 25 West  
San Carlos St., San Jose.

### COMPLETING PLANS

CORONA, Riverside Co., Calif.—  
Architect Douglas McClellan, 907 Ar-  
chitects' Bldg., Los Angeles, is com-  
pleting plans for a Class C Georgian  
style church building to be built at  
Main and 8th Sts., Corona, for the  
First Baptist Church.

### COMMISSIONED TO PREPARE PLANS

RENO, Nevada—Architects Pope  
& Burton, 2102 Buckingham Rd., Los  
Angeles, have been commissioned to  
prepare plans for a new edifice to  
be built in Reno for the Church of  
Jesus Christ of the Latter Day  
Saints. Plans are not yet on the  
boards. Details will be published  
later.

### 4—FACTORIES & WARE- HOUSES

#### PLANS BEING FIGURED

CULVER CITY, Los Angeles Co.,  
Cal.—Architect Arlos R. Sedgley, 919  
N. Serrano Ave., Los Angeles, is tak-  
ing bids for a steel fermenting room  
addition (40x24-ft.) to a distillery in  
Culver City for Pacific Distilleries

#### Contracts Awarded LITHOGRAPH PLANT

Est. Cost, \$250,000  
SAN FRANCISCO Sterling Street  
near Bryant Street.

Six-story reinforced concrete litho-  
graph plant (work includes demoli-  
tion of existing building on  
the site, concrete, carpentry, plas-  
tering, brick, hollow tile, glass,  
roofing, finish hardware, art  
metal, underpinning, heating and  
ventilating, boiler equip., pres-

sure tanks, automatic sprinklers.  
Owner—Schmidt Lithograph Co., 2nd  
and Bryant Streets.  
Consulting Engineer—Jesse Rosen-  
wald, 525 Market Street.

Following contracts awarded:  
General Construction—K. E. Parker  
Company, 135 South Park, \$150,-  
291.

Electric Work—Radefinger Brothers  
544 Natoma St., \$16,538.

Automatic Sprinklers—Geo. M. Rob-  
inson & Co., 451 Folsom St., \$10,-  
323.

Elevators—Otis Elevator Co., 1 Beach  
Street.

#### ARCHITECT RETAINED

LOS ANGELES, Calif.—Architect  
Albert C. Martin, 233 Higgins Bldg.,  
has been retained as consulting ar-  
chitect for the new manufacturing  
plant to be built on a 50-acre site at  
Alameda Ave. and 23rd St., Los An-  
geles County territory, for the Johns-  
Manville Corp. Competitive bids for  
the construction work will probably  
be taken later. Principal buildings of  
the plant will be a structure, 700x100  
ft. in area, and another structure,  
310x100 ft., with a wing 90x60 ft.,  
both one story. They will be of  
structural steel frame construction  
with transite exteriors. Plans were  
prepared by Stone & Webster, 49 Fed-  
eral St., Boston, Mass., and 601 W.  
5th St., Los Angeles.

To Be Done By Day's Work  
WAREHOUSE Cost, \$6,500  
OAKLAND, Alameda Co., Calif. 460  
Second Street.

One-story brick and concrete ware-  
house.  
Owner and Builder—Max Rosenthal,  
Second and Broadway.

Architect—R. C. Schuppert, 1530 Wel-  
lington St., Oakland.

Contract Awarded  
FACTORY Cost, \$12,000  
SAN FRANCISCO, W 30th Street 245  
N 18th Street.

One-story frame factory building.  
Owner—Fruehauf Trailer Co., 145  
11th Street.  
Engineer—W. H. Ellison, 821 Market.  
Contractor—Barrett & Hulp, 918 Har-  
rison Street.

#### PREPARING PRELIMINARY

LOS ANGELES, Calif.—J. H. Da-  
vies, structural engineer, Ocean Cen-  
ter Bldg., Long Beach, is preparing  
preliminary plans for additions to a  
factory building at 1601 W 7th St.,  
Long Beach, for Procter & Gamble  
Mfg. Co. Work will consist of a 7-  
story steel frame addition to the oil  
processing building and a reinf. conc.  
addition to the fish products building.  
Estimated cost, \$1,000,000.

#### Sub-Contracts Awarded

ADDITION Cost, \$12,500  
SAN FRANCISCO 534 Bayshore Blvd.  
Two-story reinforced concrete ware-  
house (100x100-feet) addition to  
existing building.

Owner—Dreamland Bedding Co., (P.  
Spagnoli, owner).  
Architect—Geo. M. Cantrell, 325 Frem-  
ont Street.

Structural Engineer—H. P. Hoyt, 325  
Fremont Street.

Contractor—Adam Ruff & Son, 4008  
15th Street.

Roofing—Alta Roofing Co., 976 In-  
diana Street.

Sheet Metal—Geo. A. Wieland, 1133  
Howard Street.

Glass—W. P. Fuller & Co., 301 Mis-  
sion Street.

Painting—Aristo Painting Co., 473  
Bryant Street.  
Concrete—J. Cassaretto Co., 6th and  
Channel Streets.

#### Plans Being Figured ADDITION Est. Cost, \$175,000

SAN FRANCISCO, Jackson and Bat-  
tery Streets.

Two-story and basement reinforced  
concrete addition to lithograph  
plant (work includes beating,  
ventilating, plumbing, electric  
work, piling, waterproofing, con-  
crete, carpentry, plastering, glass  
roofing, steel windows and rolling  
doors, sheet metal, etc.)

Owner—Stecher - Traung Lithograph  
Corp., 640 Battery Street.  
Consulting Engineer—Jesse Rosen-  
wald, 525 Market Street.

Plans are being figured by a closed  
selected list of contractors.

#### CONTRACT AWARDED

SOUTH GATE, Los Angeles Co.,  
Calif.—Lindgren & Swinerton, 605 W.  
Olympic Blvd., Los Angeles, awarded  
contract for erection of 1-story steel  
frame addition (100 x 220 ft.) to a  
factory at 4261 Firestone Blvd., South  
Gate, for the Rheem Mfg. Co. Cost,  
\$45,000.

### 5—FLATS

Bids Wanted—To Close Aug. 30  
FLATS Cost, \$.....  
SAN FRANCISCO, Jefferson Street,  
near Baker Street.

Two-story frame and stucco flat  
building (two 6-room flats), gas-  
fired hot air heating system,  
steel sash, linoleum baths, com-  
position roof, small penthouse.

Owner—Withheld.  
Architect—Richard J. Neutra, 251  
Kearny St.

### 6—GARAGES & SERVICE STATIONS

Plans Completed  
SERVICE STATION Cost, \$5,000  
SAN FRANCISCO, NE 19th Avenue  
and Taraval Street.

Steel gasoline service station.  
Owner—General Petroleum Corp. of  
Calif., Farr Terminal, Oakland.  
Plans by Engr. Dept. of Owner.

### 7—FEDERAL BUILDINGS

#### BIDS WANTED

ALCATRAZ, Cal.—Until Aug. 31, 2  
P. M. bids will be received by the  
Bureau of Prisons, U. S. Peniten-  
tiary, Alcatraz, for a new steel frame  
guard tower on roof of Building 68,  
and rehabilitating present inter-tower  
buzzer system on Alcatraz Island,  
under Spec. No. 53, Invitation No.  
1095.

Bids will be opened at Room 407,  
Post Office Bldg., San Francisco,  
where they may be delivered in per-  
son, or mailed to Warden, U. S. Peni-  
tentiary, Alcatraz.

A copy of specifications is now on  
file for examination at the office of  
the DAILY PACIFIC BUILDER, 465  
Tenth Street.

#### CONTRACT AWARDED

KENNETT DAM, Cal.—Palm Iron  
& Bridge Works, P. O. Box 746, Sacra-  
mento, at \$2,948.48 awarded con-  
tract by the Bureau of Reclamation  
for furnishing materials for a steel-  
frame warehouse (50x80-ft.) with an  
8-ft. loading platform at Kennett

Government Camp, 9 miles north of Redding.

**CONTRACT AWARDED**

**LODI, San Joaquin Co., Calif.**—J. F. Ecker, 17 W. Poplar St., Stockton, at \$36,75, awarded contract by the Procurement Division, Washington, D. C., for painting exterior concrete at the U. S. Post Office at Lodi.

**BIDS WANTED**

**LUBBER, Fry Co., Wash.**—Until Sept. 1, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for a new well at the U. S. Inspection Station at Lubier.

Plans and specifications (if any) may be obtained from the above office.

**CONTRACT AWARDED**

**SAN DIEGO, Calif.**—Query & Centman, 3330 41st St., San Diego, at \$56, awarded contract by the Procurement Division, Washington, D. C., for painting plaster, etc. in the U. S. Quarantine Station at San Diego.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Sept. 16, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the work shop and storage addition, etc. (except elevators), for the Federal Jail at Los Angeles.

Plans and specifications may be obtained from the above office. No deposit required for one set of plans.

**CONTRACT AWARDED**

**SANTA BARBARA, Cal.**—The E. F. Houseman Co., 6800 Grant Avenue, Cleveland, Ohio, at \$2,350 awarded contract by the Procurement Division, Washington, D. C., for metal counters, gates, partitions, etc., in the U. S. post office at Santa Barbara.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Sept. 9, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for communicating and buzzer system in the Federal Office Bldg., San Francisco.

**Bids Opened**

**POST OFFICE**

**TOPPENISH, Wash.**

United States Post Office. Owner—United States Government. Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Low Bidder—West Coast Const. Co., Seattle, Wash.—\$49,355.

Complete bids follow:  
West Coast Const. Co., Seattle, Wash.—(Item 1) \$19,355; (Alt. a) \$20,988.

Western Constr. Co., Seattle, Wash.—\$49,990; \$595; (Alt. b) add \$50.  
A. F. Mowat Const. Co., Seattle, Wash.—\$51,800; \$870; .....

A. S. Hansen Co., Seattle, Wash.—\$50; \$380; .....

James I. Barnes, Springfield, Mo.—\$5,700; \$400; .....

Blauzer Const. Co., Chicago, Ill.—\$3,700; \$900; .....

M. L. Erickson, Seattle, Wash.—\$50; \$570; add \$50.

E. & F. J. Pfozter, Philadelphia, Pa.—\$56,230; \$709; .....

**COMPLETE BIDS**

**SAN FRANCISCO.**—R. P. Paoli Co. 2530 Lombard St., as previously reported, at \$270 submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

Complete bids follow:

R. P. Paoli & Co., S. F. .... \$2,870  
W. G. Thompson, S. F. .... 3,035  
Patterson Bros., Oakland. .... 3,036  
Shulman-Conroy Painting Co. .... 4,585  
J. E. Hanson, Inc., S. F. .... 4,850

**CONTRACT AWARDED**

**SANTA MARIA, Santa Barbara Co., Calif.**—Chamberlin Metal Weather Strip Co., Inc., 1254 Labrosse St., Detroit, Mich., at \$71, awarded contract by the Procurement Division, Washington, D. C., for insect screens in the U. S. Post Office at Santa Maria.

**CONTRACT AWARDED**

**UKIAH, Mendocino Co., Calif.**—Usom Mfg. Co., St. Louis, at \$148, awarded contract by the Procurement Division, Washington, D. C., for bronze handrails at the U. S. Post Office, Ukiah.

Bids Wanted—To Close September 9, 2 P. M.

**OFFICERS' QTRS., ETC.**

Cost, \$435,000  
**SACRAMENTO CO., Calif.**—Army Air Depot, near North Sacramento.

Eight double non-commissioned officers' quarters (est. cost, \$120,000), Spec. No. 387-E; four double company officers' quarters, including one alternate type "B" quarters (est. cost, \$85,000), Spec. No. 390-E; one bachelor officers' quarters and officers' mess (est. cost, \$130,000), Spec. No. 391-E; all of reinforced concrete construction.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster, P.O. Box 1646, Sacramento).

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Bids will be taken as follows:

(1) Lump sum, construction and completion of eight double N.C. officers' quarters; four double company officers' quarters; six field officers' quarters, including one alternate type "B" quarters; and one bachelor officers' quarters and officers' mess, including utilities thereto;

(2) Deduct from Item 1 if one Double N.C. Quarters is omitted;

(3a) Add or Deduct from Item 1 if metal casement doors and windows are omitted and weather-stripped wood casement doors and spring balanced, weather-stripped, double-hung wood sash with full length wood screens are used for each Double N.C. Quarters;

(3b) Add to Item 1 if superstructures of Porches "B," complete from concrete platforms are constructed for each Double N.C. Quarters;

(3c) Add to Item 1 if superstructures of Porches "A," complete from concrete platforms, are constructed for each Double N.C. Quarters;

(3d) Deduct from Item 1 if one Double Co. Officers' Quarters is omitted;

(3a) Add or deduct from Item 1, if metal casement doors and windows are omitted and weather-stripped wood casement floors and spring balanced weather-stripped, double-hung wood windows with full-length wood screens are used for each double Company Officers' Quarters;

(3b) Deduct from Item 1, if screened porch is omitted, leaving open platform only, for each Double Company Officers' Quarters

(3c) Add to Item 1, if exhaust fans are furnished and installed in each kitchen for each Double

Company Officers' Quarters:

(4) Deduct from Item 1, if one Field Officers' Quarters is omitted (not Alternate Type "B" Quarters);

(4a) Add or deduct from Item 1, if metal casement floors and windows are omitted and weather-stripped wood casement doors and spring balanced, weather-stripped, double-hung wood windows with full-length wood screens are used for each Field Officers' Quarters and (aa) for the Alternate Type "B" Field Officers' Quarters;

(4b) Add to Item 1, if exhaust fan is furnished and installed in kitchen of each Field Officers' Quarters;

(5) Deduct from Item 1, if drain tile is omitted from the Bachelor Officers' Quarters and Officers' Mess;

(6) Unit Prices: These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted:

(a) Earth excavation, per c. y.;

(b) Rock excav., per c. y.;

(c) Wet excav., per c. y.;

(d) Type "A" concrete, including forms, per c. y.;

(e) Type "B" concrete, including forms, per c. y.;

(f) Reinforcing steel, per ton;

(g) 4-in. sub-soil drain, per lf.;

(h) 6-in. vit. clay pipe, per lf.;

(i) Two single pole switches, high and low, speed beside wall switch and wiring for combination fan and lighting fixture on bedroom ceilings (fixture furnished by U. S.).

Plans and specifications may be obtained from the office of the Constructing Quartermaster upon deposit of \$50. Certified check made payable to the Treasurer of the United States required as deposit.

Bids Wanted—To Close Sept. 17,

1 P. M.  
**POST OFFICE** Est. Cost, \$155,000  
**LAKEVIEW, Lake County, Ore.**  
United States Post Office.

Owner—United States Government. Plans by Supervising Architect of the Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit required for one set of plans.

**8— CLUB BUILDINGS**

**Sub-Contracts Awarded**

**CLUB BUILDING** Est. Cost, \$56,000  
**GRASS VALLEY, Nevada, Calif.**

Three - story concrete building (two stores on main floor; lodge and club rooms on second floor, and banquet hall on the third floor) composition and patent roofing, oil burning furnace, concrete floors, steel sash, plaster interior walls, air-conditioning system.

Owner—Masonic Lodge, Grass Valley.

Architect—Jens C. Petersen, 812 26th Street, Sacramento.

Contracting Engineer—Madsen, 414 Pine St., Grass Valley.

Electric Wiring—Gent T. Cleveland, Eureka Street.

Plumbing and Heating—Alpha Store, Ltd., 204 W. Main St.

The Workmen's Dowry Lumber—Diamond Match Co., Chico. Mill Work—Davis Hardwood Co., Bay and Mason Sts., San Francisco. Hardware—Grass Valley Hardware

Co., 114 Mill Street.  
Painting—H. F. Shaw, 401 Pleasant.  
Concrete—McKinley, Lotz and Burnett.

All of Grass Valley unless otherwise noted.

## 9—HOSPITALS

Contract Awarded  
HOSPITAL WING Cont. Fr. \$33,913  
VALLEJO, Solano Co., Calif.

Addition of one-story and basement wing (40 x 110 ft.) to the Vallejo General Hospital; concrete walls, wood floors, the roof.

Owner—Vallejo General Hospital.  
Architect—Edward R. French, Jr., 1522 Rice St., Vallejo.

Contractor—David Paganini, 617 Montgomery St., San Francisco.

Plans Completed  
CULINARY BLDG., ETC. \$20,000  
AHWAHNEE, Madera Co., Calif. Tri-County Tubercular Sanatorium.

ON - story and basement concrete culinary department building, concrete floors, asbestos shingle roof, steel sash, wire glass, all metal doors, linoleum floor finish, metal lath and plaster ceilings, etc., also frame office bldg., wood shakes, all wood trim, linoleum floors, plastered walls.  
Owner—Madera, Stanislaus and Merced Counties.  
Architect—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco.

Plans have been completed and forwarded to the owners for approval.

Preparing Working Drawings  
HOSPITAL Cost, \$200,000  
GRASS VALLEY, Nevada Co., Calif.

Two - story reinforced concrete and steel hospital bldg. (steel floors, reinforced concrete walls, metal lath and plaster partitions, oil-fired steam heat, air conditioning).  
Architect—Walter C. Clifford, 310 Long.

Owner—Grass Valley Memorial Hospital Assn., c/o Dr. Carl P. Jones, Grass Valley.  
Cust. St., San Francisco.

August 18, 1937

Bids Wanted  
ALTER HOSPITAL Cost, \$10,000  
HUMBOLDT COUNTY, Nevada.

Alterations to the Humboldt County General Hospital. Work will include changing a number of lath and plaster partitions, new cabinet work, new stairs, heating and plumbing changes with some new heating and plumbing, interior painting with some exterior painting, new skylights, roofing and linoleum floor covering.

Owner—Board of Humboldt County Commissioners.

Architect—Andrew P. Wiedman, 210 Railroad St., Winnemucca, Nev.

Plans and specifications may be obtained from the architect's office upon deposit of \$5.00.

## 10—HOTELS

To Be Done By Day's Work

ALTER HOTEL Est. Cost, \$4,500  
SAN FRANCISCO. Hotel Chancellor, 433 Powell Street.

Alterations to first floor and basement of hotel (new kitchen and dining room).

Owner—Hotel Chancellor  
Architect—Hertzka and Knowles, 369 Pine Street.

Low Bidder  
HOSPITAL ADDITION Cost, \$ . . .  
RENO, Nevada 235 W. 6th St.

One-story reinforced concrete addition (24 beds) addition to Saint Mary's Hospital

Owner—Saint Mary's Hospital.  
Architect—L. A. Ferris, 16 Thomas St., Reno.  
Low Bidder—J. C. Dillard, 805 So. Virginia St., Reno—\$51,000. (3038) 10

## 12—POWER PLANTS

COMPLETING PLANS  
VAN NUYS, Los Angeles Co., Cal.—Los Angeles Water & Power Dept., 207 S. Broadway, Los Angeles, will start work shortly on construction of a control house, 45x94 ft. in area, at 5740 Whittall St., Van Nuys, for the department; cost, \$60,000. Work will be done by the owner's construction crew under the supervision of R. R. Robertson.

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Completed  
ADDITION Cost, \$70,000  
PLACERVILLE, El Dorado Co., Cal. Two-story courthouse annex to house sheriff's office, custodian's apartment, and an office on main floor and jail quarters on second floor.  
Owner—County of El Dorado.  
Architect—Jens C. Petersen, 812 26th St., Sacramento.  
County Supervisors are now arranging to finance work.

## SUB-CONTRACTS AWARDED

TUOLUMNE COUNTY, Calif. — As previously reported, S. C. Giles, 121 West Knolls Way, Stockton, at \$73,684 awarded contract by the San Francisco Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 170, for construction of cottages and appurtenant structures at Moccasin and Priest, has awarded the following sub-contracts:  
Roofing—Gill Roofing Co., 727 North Monroe Street.

Plumbing and Sheet Metal—Arthur D. Day, 735 E. Lafayette St.

Tile Work—George K. Morrison, Rt. 4, Box 58.

Hardwood Floors and Linoleum—McLean's Hardwood Floor and Linoleum, 37 N. Sutter St.

Lumber—F. T. Fisher, 48 N. Wilson

MILL WORK—Alpine Mill & Mfg. Co., 3411 N. Sutter St.

Brick, Foundations and Concrete—C. H. Miller, R. F. D. 4, Box 43-Y.

Hardware—Turner Hardware & Implement Co., P. O. Box 1060.

Lathing and Plastering—J. W. Hodge Rt. 2, Box 197.

All of Stockton.

SUB-BIDS WANTED  
ALAMEDA CO., Calif.—N. H. Sjoberg & Son, 5604 E. 16th St., Oakland, is figuring plans and desires sub-bids on all portions of the work for construction of the Barracks Building at the Alameda County Prison Farm, for which bids will be opened August 21, 10 A. M.

Plans prepared by Architect James W. Flacheck, 511 Mercantile Bank Bldg., Berkeley.

BIDS OPENED  
SAN FRANCISCO.—M. E. Vukicevich, 666 Mission St., at \$1,789, submitted low bid to the Department of Public Works, City Hall, for general construction of lobby and elevator enclosure in the Civic Auditorium.

Complete bids follow:  
M. E. Vukicevich . . . . . \$1,789  
Frank J. Reilly Co. . . . . 2,431  
Peter Sartorio . . . . . 2,146  
Brass & Kuhn Co. . . . . 2,944

All of San Francisco.

## CONTRACT AWARDED

SAN FRANCISCO.—Atlas Elevator Co., 41 Harriet St., at \$11,240 awarded

contract by the Department of Public Works, City Hall, for installing a new passenger elevator in the Civic Auditorium.

Low Bidder  
FRAMING EAST TOWERS  
Cost, \$ . . . . .

YERBA BUENA SHOALS. Site of the 1939 World's Fair.  
Framing work in connection with East Towers.

Owner—San Francisco Bay Exposition Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Comm., 585 Bush Street.  
Low Bidder—Clinton Const. Co., 923 Folsom St., \$72,800.

BID OPENED  
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$168, submitted only bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and installing acoustical Celotex 12x12-in. tiles on entire ceiling area of Room 205, Health Center Bldg., an area of approximately 15 ft. 9 in. x 17 ft. 10 in., and down side walls from ceiling to top of picture mold.

BIDS OPENED  
SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth St., at \$183, submitted low bid to the Dept. of Public Works, City Hall, for an iron rail in the Controller's office, City Hall.

Complete bids follow:  
Anchor Post Fence Co. . . . . \$183  
Michel & Pfeffer . . . . . 223  
The Star Ornamental Iron Wks. . . . 312  
Arnke Iron Wks. . . . . 343

BIDS WANTED  
SAN FRANCISCO.—Until Aug. 18, 1:35 p.m., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for an iron rail in the Controller's office, City Hall.

Specifications may be obtained from the office of City Architect, Chas. H. Sawyer, Room 265, City Hall. No deposit required.

BIDS OPENED  
SAN FRANCISCO, Calif. — D. E. Burgess, 282 7th St., at \$354, submitted low bid to the San Francisco Public Utilities Commission, City Hall, for interior painting and papering in Lake Honda Cottage.

Complete bids follow:  
D. E. Burgess . . . . . \$354  
J. H. Mohr, Inc. . . . . \$398  
A. Quandt & Sons . . . . . \$470

## SUB CONTRACTS AWARDED

TAFT, Kern County, Calif.—F. A. Greenough, 130 Lincoln St., Bakersfield, awarded the following sub-contracts for construction of a one-story concrete building in Taft for Julia A. Morrow. It will house a bank and U. S. Post Office quarters. Chas. H. Bigger, architect, 554 Haberfelde

940, Bakersfield.  
Roofing—Orval McNay, 1669½ Chester Avenue.

Plumbing—A. E. Abbott, 910 Monterey St.

Electric Wiring—Bakersfield Electric Co., P. O. Box 1538.

Sheet Metal—Wm. M. McKenney, 226 Oregon Drive.

MILL WORK—Bakersfield Bldg. Matls. Co., 15 Kentucky St.

Hardware—Sandstrom Brick Co., 501 Sonora St.

Painting—Peckham & Foster, 4171 Madison Ave., Culver City.

Lathing and Plastering—Charles D. Conklin, 120 Pacific St.

All of Bakersfield unless otherwise noted.

## CONTRACT AWARDED

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at \$71, awarded contract by the Dept. of Public Wks.,

City Hall, for overhaul armature and commutator and true up shaft bearings on elevator motor; furnish and install spare armature to maintain service while repairs are being made, at the Hall of Justice.

**BIDS WANTED**

**OAKLAND, Alameda Co., Calif.—** Until Aug. 24, 1 p. m., bids will be received by the Oakland City Council, for construction abed (183x25 ft.) at the Municipal Garage, of steel frame, corrugated metal roof and sides, to be constructed on pile foundation already in place. Estimated cost, \$8,200.

**CONTRACT AWARDED**

**SAN FRANCISCO—**Jones Supply Corp., 42 9th St., at \$42.50, awarded contract by the Dept. of Public Wks., City Hall, for cleaning and painting approximately 96 yards of linoleum at the Main Library, Civic Center.

**CONTRACT AWARDED**

**WATSONVILLE, E. Santa Cruz Co., Calif.—**Hammond Lumber Co., Watsonville, at \$38, awarded contract by the City of Watsonville, for placing a new roof on the City Hall Bldg. Complete bids published Aug. 12.

**BIDS WANTED**

**OAKLAND, Alameda Co., Calif.—** Until Aug. 24, 1 p. m. (as previously reported), bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for the construction of a shed (183x25 ft.) at the Oakland Municipal Corporation Yard, of steel frame, corrugated metal roof and sides, to be constructed on pile foundation already in place. Estimated cost, \$8,200.

Specifications obtainable from the City Clerk.

**Plans Approved**

**AIRPLANE HANGAR** Cost, \$10,000  
**HUMBOLDT CO. AIRPORT, Calif.**  
3 miles east of Eureka.

Eight-plane hangar (60x85 ft.) of redwood timber construction, with Teco connectors.

Owner—County of Humboldt.  
Architect—Not Given.

Bids will be called immediately and construction completed by October.

**BIDS WANTED**

**VISALIA, Tulare Co., Calif.—** Until August 23, 7:30 P. M., bids will be received by the City of Visalia, Ann Lowell, City Clerk, for remodeling the Municipal Auditorium in Visalia. Plans and specifications may be obtained from the office of the clerk City Hall upon deposit of \$10.00. Bids will be opened in the Council Chambers, City Hall.

**BIDS WANTED**

**CRESTLINE, San Bernardino Co., Calif.—** Until Aug. 23, 12 Noon, bids will be received by Crest No. 1 County Fire Protection District, at Russell's Hardware Store, Crestline, San Bernardino County, for construction of a fire hall at Crestline. Lump sum bids will be required. Plans obtainable at Russell's. Certified check or bond for 5% required.

**Construction Underway**

**ALTERATIONS** Cont. Pr. \$1,456.50  
**SACRAMENTO, Sacramento County, Calif.** 34th and 5th Avenues. Alterations and shelving to Oak Park Library. Owner—City of Sacramento. Architect—Herbert Goodpastor, Milton Bldg., Sacramento.  
Contractor—L. F. Gould, 1623 O St., Sacramento.

**Bids Wanted—To Close Sept. 7, 2 P. M.**  
**SMOKE STACK** Cost, \$...

**TALMAGE, Mendocino County, Cal.** State Hospital.

Erection and completion of a central smoke stack approximately 82 ft. in height and partly lined with fire brick, and the removal of two steel stacks.

Owner—State of California Department of Institutions.

Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Plans and specifications may be obtained from the office of the architect upon deposit of \$10, returnable.

**14—RESIDENCES**

**Plans Approved**  
**AIRPLANE HANGAR** Cost, \$10,000  
**HUMBOLDT COUNTY AIRPORT, Calif.** Three miles east of Eureka.

Eight-plane hangar (60x85 ft.) of redwood timber construction, with Teco connectors.

Owner—County of Humboldt.  
Architect—F. T. Georgeson, Georgeson Bldg., Eureka.

Structural Engineer—W. H. Ellison, 82 Market St., San Francisco.

As previously reported, bids will be called immediately and construction completed by October.

August 18, 1937

**CONTRACT AWARDED**

**LOS ANGELES, Calif.—**Lein and Friedman, 507 N. Fickett St., awarded contract for construction of a 2-story 17-room building to be built at 127 N. Boyle Ave. for the Jewish Home for Wayfarsers. David C. Coleman, architect, 2612 Brooklyn Ave.

**CONTRACT AWARDED**

**BEVERLY HILLS, Los Angeles Co., Calif.—**James F. Dickason, 8921 Beverly Blvd., Los Angeles, awarded contract for construction of a two-story, 12-room residence at 815 N. Rexford Dr., Beverly Hills, for Marshall M. Malby, Max Drebin, architect, 5225 Wilshire Blvd., Los Angeles. Cost, \$60,000.

**Owner Taking Sub Bids**

**BURLINGAME, San Mateo Co., Cal.** One-story frame, stucco and brick air heating system, shake and composition roof, hardwood floors, tile bath, etc.  
Owner & Builder—Hammer & Tosch Co., 1099 Burlingame Square, Burlingame.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

**Plans Being Figured**  
**ALTERATIONS & ADDITIONS** Cost, \$...

**SAN FRANCISCO** 2251 Jackson St. Alterations and additions to residence.

Owner—Mr. Lester Levy  
Architect—Hyman & Appleton, 68 Post St.

Plans are now being figured by a closed selected list of contractors

**Plans Revised—New Bids Wanted**  
**RESIDENCE** Cost, \$...

**SACRAMENTO, Sacramento County, Calif.** Wright and Kimbrough Tract, 46th Street.

Two-story frame and stucco residence (8 rooms).  
Owner—Joe Ostaja

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Bids opened June 16 were rejected and plans have been revised and will go out for figures today. Previous low bidder was Lawrence Const. Co., Sacramento, at \$11,113.

**Bids Opened**  
**RESIDENCE** Cost, \$...

**UKIAH, Mendocino Co., Calif.** Two-story frame residence (8 rms.), hardwood floors, tile baths, shake roof, etc.

Owner—George Wildberger, c/o Architect.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
Low Bidder—Sjoberg & Jamison, 146 Gibson St., Ukiah \$8,999.

Complete bids follow:  
Sjoberg & Jamison, Ukiah \$8,999  
H V La Porte, Ukiah 9,292  
Charles Swanstell, Ukiah 9,756

**COMPLETING WORKING DRAWINGS**

**SAN FERNANDO VALLEY, Calif.**—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., are completing working drawings for a group of 10-story buildings to be built on a 40-acre site in San Fernando Valley for a boys' home, under the patronage of the Catholic Big Brothers.

**Preparing Working Drawings**

**GRANGE, Stanislaus Co., Calif.** One-story frame and stucco ranch house (12 rooms), tile roof, steel sash, oil heating plant, etc.  
Owner—J. C. Rasasco, c/o Architect, Architect—G. N. Hubarn, 1211 K St., Modesto.

Bids will be asked shortly.

**Preparing Plans**

**RESIDENCE** Cost, \$5,600  
**SHELTER COVE, San Mateo Co.** One-story modern style residence with two-car garage, linoleum baths, metal sash, metal roof over promenade deck.

Owner—H. J. Carlson, c/o architect.  
Architect—Walter C. Clifford, 310 Locust St., San Francisco.

**Plans Being Figured**

**RESIDENCE** Cost, \$...  
**SAN JOAQUIN CO., near Lodi.** Two-story stucco and rustic residence (8 rooms), wood shingle roof, wood sash, hardwood floors, linoleum baths, oil-burning heat.  
Owner—Walter B. Durand.  
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Plans are now being figured by a selected list of contractors. Definite closing date to be announced later.

**Sub Contracts Awarded**

**RESIDENCE** Cost, \$24,880  
**OAKLAND AND Alameda Co., Calif.** Lot 7, Blk E, Claremont Pines.

Two-story frame and stucco residence.  
Owner—Dr. J. R. Henry, 5611 Country Club Dr., Oakland.

Architect—Roger Blaine, 5574 Florence Ave., Oakland.  
Contractor—Carl Walestrom, 1447 Excelsior Ave., Oakland.

Roofing—Guy Tyler & Sons, 1502 Cedar St., Berkeley.

Plumbing—Durant-Gilman Co., 1012 Webster St.

Electric Wiring—P. H. Weitzel, 3161 Davis St.

Sheet Metal—Tohey Christiansen 4414 Piedmont Ave.

Hardwood Floors—Harry Carlson  
Iron Grille Work—Art Smith Shop  
Grading—Aries-Knapp Co., 961 11th St.

Foundations and Concrete—J. H. Fitzmaurice, 2577 Hannah St.  
Lumber—Smith Lumber Co., 19th Ave. and Estuary.

Mill Work—Larson Bros. Mfg. Co., 3th and Yarnella St.  
Plumbing & Plastering—S. Solomonson, 3233 Kansas St.

All of Oakland unless otherwise noted.

### Plans Being Figured—To Close August 23, Noon

**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** Forest Hill.  
 Two-story frame and stucco residence (seven rooms) composition shingle roof, hardwood floors, tile baths, etc.  
 Owner—Withead.  
 Architect—F. F. Amandes, 414 Dewey Blvd.

As previously reported, plans are being figured by a selected list of contractors.

Closing date reported in error August 16.

### Bids Opened

**RESIDENCE** Cost, \$.....  
**STOCKTON.** San Joaquin Co., Calif.  
 One-story frame and stucco and brick veneer residence (5 rooms), shingle roof, steel saah, tile bath, double garage.  
 Owner—Joseph Risso, c/o Architect.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.

**Low Bidder—D. C. Moore & Sons, 1161 N. Pilgrim St., Stockton—\$8,695.25.**

Complete bids follow:

D. C. Moore & Sons	\$8,695.25
W. Scott	8,749.00
Moore & Hibbard	7,760.00
H. W. Johnson	8,800.00
F. J. Harrington	9,070.00
F. E. Toothache	9,732.71

All of Stockton.

Bids held under advisement.

### To Be Done By Day's Work

**RESIDENCES** Cost, \$3,500 each  
**SAN FRANCISCO.** W. 25th Ave., N. of Rivera St.

Five one-story and basement frame and stucco residences.  
 Owner & Builder—Standard Bldg. Co., 1500 Judah St.  
 Architect—Not Given.

### Owner Taking General Bids

**RESIDENCE** Cost, \$8,000  
**FORTUNA.** Humboldt Co., Calif.

One-story and basement frame and stucco modern residence (6 rms.), shake roof, oil burning air conditioning system, hardwood floors, tile baths, etc.

Owner—Dr. M. D. Andrain, Main St., Fortuna.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Dr. Andrain is now taking general figures.

### Completing Plans

**RESIDENCE** Cost, \$12,000  
**ROSEVILLE.** Placer Co., Calif.

Two-story frame and stucco residence (shake roof, hardwood floors, two tile baths, gas furnace, etc.)

Owner—Dr. Lucas Empy, c/o architect.

Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Plans will be completed in about one week and general figures asked of a selected list of contractors.

## 15—SCHOOLS

### PLANS BEING FIGURED

**PALOS VERDES HILLS.** Calif.—Until Aug 25, 4 p.m. bids will be received by Joseph H. Chadwick, 1305 Meyler St. San Pedro, for a boarding school to be built on a 35-acre site in Rolling Hills for himself. Improvements will include a classroom unit, a dormitory, a kitchen and dining room unit, combined servants' quarters and garage, and a headmaster's residence. They will be wood frame and stucco structures, with shingle tile roofing and hot air heating system with oil-burning furnaces. The following contractors have been invited to submit bids:

Beeswick Constr. Co., 1926 Magnolia Ave., Long Beach.

W. E. Allen, 745 W. 14th St., Long Beach.

Harry Havener, 423 E. Broadway, Long Beach.

W. T. McAllister, 1167 18th St., San Pedro.

Chas. W. Pettifer, 703 W. 14th St., Long Beach.

Thermon Means, 103 E. Third St., Santa Ana.

Birge M. Clark and David B. Clark, architects, 310 University Ave., Palo Alto. Additional structures to be built at the school at a later date are another dormitory and a gymnasium-auditorium. Construction of tennis courts will be included in the landscaping work.

### COMPLETING PLANS

**MOORPARK.** Ventura Co., Calif.—Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, is completing plans for reconstructing Moorpark Memorial high school in Moorpark, Ventura County, for the Moorpark School District.

### Funds Allotted

**SCHOOL** Cost, \$128,647  
**WOODLAKE.** Tulare Co., Calif.

Frame and stucco high school (classrooms, library, study hall and auditorium) to seat 600.

Owner—Woodlake Union High School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Grant in the amount of \$67,545 allocated by PWA. Insurance money amounting to \$52,000 will be supplemented by proceeds from sale of a \$30,000 bond issue approved December 20, 1936, to complete the financing.

### Funds Allotted

**SCHOOL** Cost, \$100,000  
**FOWLER.** Fresno Co., Calif. Fourth and Tuolumne Sts.

One-story reinforced concrete and frame academic building (ten classrooms, auditorium to seat 650, offices, library and domestic science room). Structure will be L-shaped.

Owner—Fowler Elementary School District (W. T. Dice, Clerk).

Architect—Charles H. Franklin, 416 T. W. Patterson Bldg., and Ernest J. Kump, Rowell Bldg., Fresno, Calif.

Grant in the amount of \$45,000 allotted by PWA.

### Funds Allotted

**HIGH SCHOOL** Cost, \$234,000  
**DINWIDDIE.** Tulare Co., Calif. Magnolia and College Aves.

Two-story reinforced concrete high school, to replace building destroyed by fire; work will include construction of new auditorium.

Owner—Dinwiddie Joint Union High School District.

Architect Ernest J. Kump, Rowell Bldg., Fresno.

Grant in the amount of \$105,300 allotted by PWA to assist in financing.

### Funds Allotted

**HIGH SCHOOL** Cost, \$57,765  
**POINT ARENA.** Mendocino Co., Cal.

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratories, agricultural room, library and auditorium to seat 300.

Owner—Point Arena Union High School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

District allotted grant by PWA in the amount of \$25,994. Bonds to complete financing approved May 18.

### BIDS OPENED

**OAKLAND** Alameda Co., Calif.—Kiss-Crane Service, 140 First Street, San Francisco, at \$800, submitted low

bid to the Oakland Board of Education for demolition and removal of the Montclair School, Thorn and Mtn. Blvd.

Complete bids follow:  
 Kiss-Crane Service, S. F. \$800  
 John C. O'Leary, S. F. 2852  
 Cleveland Wrecking Co., S. F. 3338  
 C. F. Roberts, Oakland 3750

### Contract Awarded

**AERONAUTICS BLDG.** Cont. Pr., \$4,475  
**MODESTO.** Stanislaus Co., Cal. Modesto Junior College.

One-story reinf. concrete and steel frame aeronautics shop addition to Modesto Junior College.

Owner—Modesto City School Board of Education (E. D. Abbott, Secretary).

Architect—John J. Donovan, 950 Parker St., Berkeley.

Contractor—Cotner, Tomnitz & King, Rt. 4, Box 1209, Modesto.

Complete bids follow:  
 Cotner, Tomnitz & King, Modesto \$4,475  
 Harry E. Brown, Modesto 4,587  
 George Roek, Stockton 4,973  
 L. Uebels, Ripon 4,940

### Contract Awarded

**ADDITIONS** Cont. Pr., \$21,528  
**MODESTO.** Stanislaus Co., Cal.

Two-classroom and corridor addition to Woodrow Wilson Grammar School and 2-classroom and corridor addition to Enslin Grammar School (reinforced concrete footings, frame and stucco bldgs. with tile roofs).

Owner—Modesto City School Board of Education (E. D. Abbott, Secretary).

Architect—John J. Donovan, 950 Parker St., Berkeley.

Contractor—Cotner, Tomnitz & King, Rt. 4, Box 1209, Modesto.

Complete bids follow:  
 Cotner, Tomnitz & King \$21,528  
 Geo. Roek, Stockton 22,998  
 L. Uebels, Ripon 24,500  
 Harry E. Brown, Modesto 24,678  
 W. L. Thompson, Modesto

(Wilson School only) 11,983

### CONTRACT AWARDED

**SAN FRANCISCO.**—Frank Groves Co., 383 Brannan St., at \$550, awarded contract by the Dept. of Public Works, City Hall, for furnishing and installing 45 safety hand holes caps on both ends of Heine boilers numbers 1 and 2; furnishing all necessary tools for installing and removing key caps at Polytechnic High School.

### Plans Completed

**ADDITION** Cost, \$30,000  
**SALINAS.** Monterey Co., Calif.

Co.-story frame and stucco addition to the Sherwood School (six classrooms).

Owner—Salinas City School District.

Architect—Charles E. Butner, 7 Win-  
 Structural Engineer—F. W. Kelberg,  
 320 Market St., San Francisco.

Plans have been forwarded to the State Division of Architecture for approval.

### BIDS OPENED

**MODESTO.** Stanislaus Co., Calif.—F. Kern & Sons, 517-19 Sixth Street, San Francisco, at \$496 awarded contract by the Modesto Elementary School District for construction of a fire escape at the Roosevelt School.

Only other bid was submitted by Roy Reynolds, Modesto, at \$1199.

Following bids were rejected for installation of direct steam radiation in the ten old classrooms at Lincoln School: Ward C. Rowe, Modesto, \$2,650; George C. Bell, Oakland, \$3,444; Hansen's Pkg. Shop, Modesto, \$3,500; D. H. Gibbons, Modesto, at \$1,447.

awarded contract for partitions in the North Bldg. at Modesto Junior College. Only other bid submitted by Jarvis Bros., Modesto, at \$1,165.

**Contract Awarded**  
**SCHOOL.** Cont. Pr. \$7,498  
 LINGARD, Merced Co., Calif.  
 One-story frame assembly hall addition to Lingard School.  
 Owner—Pioneer Elementary School District (T. T. Givens, Clerk, Box 365, R.F.D. 2).  
 Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
 Contractor—Liner & Allen, 130 27th St., Merced.  
 Complete bids follow:  
 Liner & Allen, Merced..... \$7,498  
 Roy Worthington, Atwater..... 8,224  
 C. B. Cameron & Son, Merced..... 9,135  
 C. E. Gill..... 9,539  
 Swanson & Hillberg, Turlock..... 10,153

**Bids Rejected**  
**SCHOOL ADDITION** Cost, \$.....  
**CONTRA COSTA CO.,** near Pittsburg. Ambrose School District.  
 Three additional classrooms and an auditorium for Ambrose School.  
 Owner—Ambrose School District.  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.  
 C. M. Norgrove, 2220 Roosevelt Avenue, Berkeley, at \$51,775, submitted low bid August 12. All bids were rejected.  
 Plans have been revised and will be re-advertised about Aug. 18.

**Sub Contracts Awarded**  
**REMODEL SCHOOL BLDG.**  
**BAKERSFIELD.** Cont. Pr. \$4,984  
 Remodel mechanical arts building at the high school.  
 Owner—Kern County Union High School District.  
 Architect—Chas. H. Biggar, 554 Haverberfeld Bldg., Bakersfield.  
 Contractor—F. A. Greenough, 130 Lincoln St., Bakersfield.  
 Plumbing—A. E. Ahbott, 910 Monterey St.  
 Electric Wiring—Advance Electric Co., 909 18th St.  
 Lathing & Plastering—F. E. Davis, 1319 26th St.  
 Painting—Peckham & Foster, 4171 Madison Ave., Culver City.  
 All of Bakersfield unless otherwise noted.

**Sub Contracts Awarded**  
**COMPLETE GYM** Cont. Pr. \$17,195  
**MODESTO.** Stanislaus Co., Calif.  
 Complete Modesto High School girls' gymnasium.  
 Owner—Modesto High School District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Contractor—L. Uehls, Box 181, Ripon.  
 Plumbing & Heating—Hansen's, 609 10th St., Modesto.  
**Window Shades & Linoleum—Ward Furniture Co., 1028 10th Street, Modesto.**  
**Tile Work—Greenlee & Henderson, Ninth and M Sts., Modesto.**  
**Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.**  
**Toilet Partitions and Shower Stalls—Dwan & Co., 126 Post St., San Francisco.**

**Preparing Plans**  
**SHOWER ROOM** Cost, \$6,000  
**TRANQUILITY.** Fresno Co., Calif.  
 Frame and stucco room at Tranquility High School.  
 Owner—Tranquility Union High School District.  
 Architect—Edw. Glass, Mattei Bldg., Fresno.

**CONTRACT AWARDED**  
**GLENDALE.** Los Angeles Co., Cal.  
 —Whittaker & Snook, 40 S. Los Robles Ave., Pasadena, awarded contract by Glendale Board of Education at \$14,081 for construction of the

new student union building at Glendale junior college, 1500 N Verdugo Road, Glendale. George M. Lindage, architect, 6305 Yucaca St., Hollywood.

**Contract Awarded**  
**HIGH SCHOOL.** Cont. Pr. \$62,400  
**WEAVERVILLE.** Trinity Co., Calif.  
 One-story frame and stucco high school building.  
 Owner—Trinity County High School District.  
 Architect—Masten & Hurd, 442 Post St., San Francisco.  
 Contractor—J. P. Brennan, Redding.  
 Complete bids follow:  
 J. P. Brennan, Redding..... \$62,400  
 J. C. Meyers, Stockton..... 66,600  
 W. K. Van Bokkelen, Oakland..... 73,251

**Bids Wanted—To Close Aug. 30, 8 P. M.**  
**SCHOOL ADDN.** Est. Cost, \$13,000  
**NEAR SACRAMENTO,** Calif. Sylvan Grammar School.  
 Three-room frame and brick veneer addition to school, electric heating system, shingle roof.  
 Owner—Sylvan Elementary School District.  
 Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
 Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Plans and specifications obtainable at the architect's office upon deposit of \$25. Bids will be opened at the Sylvan School.

**Sub Contracts Awarded**  
**ADDITION** Cont. Pr. \$21,795  
**MODESTO.** Stanislaus Co., Calif. 18 H Street.  
 Library and one-classroom addition to one-story high school building (reinforced conc. footings, frame and stucco above footings; tile roof).  
 Owner—Modesto City Board of Education (E. D. Abbott, Secy.), 14th and I Sts., Modesto.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Contractor—L. Uehls, Box 181, Ripon.  
**Roofing—Central Roofing & Insulation Co., 722 10th St., Modesto.**  
**Plumbing, Electric Wiring, Heating, Sheet Metal—Hansen's, 609 10th St., Modesto.**  
**Window Shades, Linoleum—Ward Furniture Co., 1028 10th St., Modesto.**  
**Lumber—United Lumber Yards, Inc., 430 10th St., Modesto.**  
**Mill Work—Electric Planing Mill, 545 S. Monroe St., Stockton.**  
**Hardware—Turner Hardware & Implement Co., 904 H St., Modesto.**  
**Painting—J. E. Ecker, 17 W. Poplar St., Stockton.**  
**Concrete—Lloyd W. Terrell, 221 9th Ave., Turlock.**

**Bids Opened**  
**SCHOOL ADDITION** Cost, \$  
**CONTRA COSTA CO.,** near Pittsburg. Ambrose School District.  
 Three additional classrooms and an auditorium for Ambrose School.  
 Owner—Ambrose School District.  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.  
 Low Bidder—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley, \$51,775.  
 All bids taken under advisement.  
 Alternate proposals included in the bidding schedule may change the figures considerably. Basic bids were as follows:  
 C. M. Norgrove..... \$51,775  
 Geo. Petersen, San Leandro..... 53,900  
 Geo. J. Manier, Piedmont..... 53,987  
 W. H. Spiberg & Son, Oakland..... 54,590  
 W. K. Van Bokkelen Const Co., Oakland..... 55,775  
 N. J. Nielson, San Jose..... 56,511  
 C. N. Stevenson Co., San Jose..... 59,000  
 L. Duguardi, Colma..... 61,189  
 P. C. Amoretti & Sons, S. F..... 61,490  
 Midstate Const. Co., Fresno..... 61,490

**Bids Wanted—To Close Aug. 25, 7:30 P. M.**  
**ADDITION** Cost, \$6,000  
**PAJARO.** Monterey Co., Calif.  
 One classroom and arcade addition to the Pajaro School.  
 Owner—Pajaro Grammar School District.  
 Architect—Chas. E. Butner, 7 Winham St., Salinas.  
 Plans and specifications may be obtained at the architect's office.  
 Bids will be opened at the school.

**Bids Wanted—To Close Sept. 1, 7:00 P. M.**  
**SCHOOL ADDITION** Cost, \$.....  
**CLARA CO.,** Calif. Cambrian School District.  
 Addition of an auditorium to the Cambrian Grammar School.  
 Owner—Cambrian Union Elementary School District.  
 Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Specifications obtainable at the architect's office.

**BONDS VOTED**  
**ESCONDIDO.** San Diego Co., Cal.—Escondido Union School District voted bonds August 10, in the amount of \$130,000, proceeds to be used to finance construction of two new units at the present elementary school at Maple and 3rd Aves., Escondido. Plans for one of the units have been drawn. Kistner & Curtis, architects, 675 Spreckels Bldg., San Diego.

**Plans Completed**  
**ADDITION** Cost, \$.....  
**PLACERVILLE.** Eldorado Co., Calif. Cottage and Union Streets.  
 Two-story addition (five classrooms, manual training, shop, library) frame and stucco construction.  
 Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
 Architect—Jens C. Petersen, 812 26th Street, Sacramento.  
 Placerville Grammar School District voted bonds in the amount of \$40,000, proceeds to finance construction of the addition.  
 Plans and specifications are now awaiting approval at the State Department of Engineering.

**Sub Contracts Awarded**  
**COMPLETE GYM** Cont. Pr. \$6,295  
**MODESTO.** Stanislaus Co., Calif.  
 Completion of the Roosevelt Elementary Gymnasium unit building on the site of the Roosevelt Elementary School.  
 Owner—Modesto Elementary School District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Contractor—L. Uehls, Box 181, Ripon.  
 Plumbing, Electric Wiring, Heating—Hansen's, 609 10th St., Bakersfield.  
**Tile Work—Greenlee & Henderson, 9th and M Sts., Bakersfield.**  
**Toilet Partitions and Shower Stalls—Dwan & Co., 126 Post St., San Francisco.**

**MATERIAL BIDS WANTED**  
**SANTA MONICA.** Los Angeles Co., Calif.—Until August 30, 7:30 p.m., bids will be received by the Santa Monica Board of Education for building materials in accordance with specifications on file at 1233 6th St., Santa Monica. Materials are to be used in the construction of the Franklin and Muir school additions. Marsh, Smith & Powell, architects 568 Architects' Bldg., Los Angeles.

**BONDS DEFEATED**  
**MADERA COUNTY.** Calif.—Diablo School District defeated bond issue in the amount of \$6,000 Aug. 10. Proceeds were to have financed construction of alterations and im-

improvements to school buildings.

**Preparing Plans**  
SCHOOL BLDG. Cost, \$50,000  
FRESNO CO., Calif. Sierra High School.

One-story frame school bldg. (classrooms and study hall).  
Owner—Sierra Union High School District.  
Architect—Franklin & Kump, T. W. Patterson Bldg., Fresno.

#### BOND ELECTION

PASO ROBLES, San Luis Obispo Co., Calif.—Shandon Union High School District will vote September 3 on a proposal to issue bonds in the amount of \$30,000 proceeds to finance construction of gymnasium, assembly hall and work shop at the Shandon High School.

#### Sub-Contracts Awarded

SCHOOL. Cost, \$.....  
WRIGHTWOOD, San Bernardino Co. Combination classroom and auditorium building of concrete, frame and stucco construction, asbestos shingle roof, wood sash, etc.

Owner—Wrightwood Elementary Sch. District.  
Architect—H. W. Howell, 157 Cheltenham Drive, Santa Barbara.  
Contractor—L. P. Scherer, P. O. Box 423, Redlands.

**Roofing and Hardwood Floors**—Pioneer Floor & Roof Co. San Bernardino.

**Plumbing**—Cohn & Cohn, San Bernardino.  
**Electric Wiring**—E. L. McAdams, San Bernardino.

**Lumber**—Patten-Blinn Lbr. Co., Redlands.  
**Mill Work**—Fletcher Planing Mill, Redlands.

#### Bids Wanted—To Close Aug. 30.

ADDITION. Cost, \$35,000  
CHOWCHILLA, Madera Co., Calif.  
One-story frame and stucco addition (assembly hall to seat 400, and two classrooms), wood shingle roof, etc.; repairs to the present building, new toilet facilities, etc.  
Owner—Chowchilla Grammar School District.

Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno, is figuring plans and desires sub-bids on all portions of the work.

### 16—BANKS, STORES AND OFFICES

#### PLANS BEING FIGURED

FRESNO, Calif.—Architect A. Godfrey Bailey, 1308 4th Ave., Los Angeles, has completed plans and the owner is taking bids for a reinforced concrete market building, 110x140 ft. in area, to be built in Fresno for Rufus Phillips, 1234 Broadway, Fresno. The following contractors have been invited to submit bids: J. T. Cowan, 315 Brix Bldg.; Trewitt & Shields, 1701 Pacific Southwest Bldg.; Harris Construction Co., 577 McKinley Ave.; Midstate Construction Co., 501 Pacific Southwest Bldg.; Fisher & McNitt, 519 Mattel Bldg.; and Fresno Webb Construction Co., 1122 S. Robertson Blvd., Los Angeles; Brock, Clark & Hall, 107 N. Larchmont Blvd., Los Angeles. Bids are to be submitted to Mr. Phillips in Fresno at 2 p.m., August 20.

**Contract Awarded**  
STORE BLDG. Cost, \$4,600  
SANTA ROSA, Sonoma Co., Calif. A Street.

One-story reinforced concrete store building—32 x 80 ft.).  
Owner—Fred Gemeth.  
Architect—William Herbert, Rosen-

berg Bldg., Santa Rosa.  
Contractor—C. W. Hansen, P. O. Box 115, Santa Rosa.

#### CONTRACTS AWARDED

VERNON, Los Angeles Co., Calif.—C. W. Driver, 111 W. 7th St., Los Angeles, awarded general contract for construction of two class A bldgs. at 5610 Soto St., Vernon, for Lane-Wells Co. Other awards made as follows: Quality Elec. Co., 1235 East Olympic Blvd., Los Angeles, electrical work; Kimball Elevator Co., 1579 W. Jefferson Blvd., Los Angeles, elevator; Lohman Bros., 232 S. Spring St., Los Angeles, air conditioning. Cost, \$100,000. Wm. E. Mayer, architect, 809 W. 3rd St., Los Angeles.

#### --- BEING TAKEN

FRESNO, Calif.—Architect A. Godfrey Bailey, 1308 4th Ave., Los Angeles, has completed plans and the owner is taking bids for a reinforced concrete market building, 110x140 ft. in area, to be built in Fresno for Rufus Phillips, 1234 Broadway, Fresno.

#### PLANS BEING FIGURED

LAGUNA BEACH, Los Angeles Co., Calif.—Capital Co., 643 S. Olive St., Los Angeles, is taking new bids from revised plans for a reinforced concrete bank building, 32x90 ft., to be built at the corner of Coast Blvd. and Forest Ave., Laguna Beach, for the Bank of America.

**Contract Awarded**  
STORE BLDG. Cost, \$12,500  
NAS, Monterey Co., Calif. Main Street.

One-story and basement concrete store building (120x30 ft.), terra cotta front, plate glass, linoleum floors, composition roof, etc., for the Salinas Electric Company.  
Owner—Wesley Evans, c/o Contractor.

Architect—Chas. E. Butner, 7 W. 11th St., Salinas.  
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
Contractor—Fred Carlsen, 336 Lincoln Ave., Salinas.

**Bids Opened**  
MATEL STORES. Cost, \$.....  
SANTA ROSA, Sonoma Co., Calif. Hahmann Bldg., Fourth St.  
Alter Dibble's Apparel Store and Pedersen's Store in the Hahmann Building.  
Owner—Mrs. Hahman, c/o Architect. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Separate bids were received for (a) exterior work and (b) interior work. Complete bids follow:

Dibble's Apparel Store	
E. Ahlstrom, 323 1/2 S. R Ave., Santa Rosa.....(a)	\$1,063.15
.....(b)	275.00
C. L. Personett, Santa Rosa	
.....(a)	1,163.15
.....(b)	369.00
Pedersen's Store	
E. Ahlstrom.....(a)	\$1,236.15
.....(b)	1,280.00
C. L. Personett.....(a)	1,395.65
.....(b)	1,582.00

**Sub Contracts Awarded**  
ALTER STORE. Cost, \$10,000  
SANTA FRANCISCO. 950-964-A Market St.

Alter store and office.  
Owner—Market-Turk Co., 243 Kearny Street.  
Architect—Not Given.

Contractor—A. M. Hardy, 736 Clementina St.  
Tile—Gladding, McBean Co., 660 Market St.

Terra Cotta Tile Work—White and Gloor, 448 Monadnock Bldg.  
Steel Windows—Michel & Pfeiffer Iron Works, Inc., Tenth and Har-

rison Sts.

#### PREPARING PRELIMINARY PLANS

LOS ANGELES, Calif.—Architect Wm. V. Kernan, 632 Board of Trade Building, is preparing preliminary plans for a group of proposed buildings to be built on North Broadway, north of College St., for the Los Angeles Chinatown Proj. Assn.; Leo Wah Shem, president. The association plans erecting sufficient buildings to house more than fifty merchants and eventually to build 300 structures. A wall will enclose the property.

#### CONTRACT AWARDED

ARCADIA, Los Angeles Co., Calif.—Chas. Dueschler, 1806 Taft Avenue, Hollywood, awarded contract for construction of a market building (50 x 100 ft.) on Baldwin Ave., Arcadia, for R. L. Willetts; Safeway Stores, Inc., lessee; Breo Freeman, architect, Security Bldg., Pasadena.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—R. Westcott Co., 1831 N. Main St., Los Angeles, awarded general contract for erection of a new 2-story and basement, steel frame building (85 x 93 ft.) at 11272 Magnolia Blvd., North Hollywood, for the Southern California Telephone Co., 740 S. Olive St., Los Angeles. As previously reported, Pacific Iron & Steel Co., 11633 S. Alameda St., will furnish and erect the structural steel. Cost, \$120,000. Plans by owner's engineering department.

#### CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Calif.—Harry E. Wright, 1202 South Bronson, Los Angeles, awarded contract for construction of two 1-story reinforced concrete store buildings (each 50 x 100 ft.) on Third St., between W. Shire and Arizona Sts., Santa Monica, for Schultzmeyer & Caward, Norstrom & Anderson, architects, 424 Insurance Exchange Bldg., Los Angeles.

#### PLANS COMPLETED

SANTA BARBARA, Calif.—Montgomery Ward & Co., Chicago, have prepared plans and will invite bids shortly for exterior and interior remodeling of a 3-story department store building at 1132 Figueroa St., Santa Barbara, for the company. J. C. Doucha, 2525 E. 14th St., Oakland, is manager of construction for the company.

### 18—WHARVES & DOCKS

**Contract Awarded**  
RE-ROOF PIERS Cont. Pr., \$20,860.50  
SAN FRANCISCO, Calif.

Re-roof Piers 26, 41 and 31.  
Owner—State of California (Board of Harbor Commissioners), Ferry Building.  
Engineer—Frank G. White, Ferry Building.  
Contractor—J. W. Bender Roofing & Framing Co., 1999 Bryant St., San Francisco.

Bids were taken for (I) re-roofing each of the piers if awarded separately; and (II) re-roofing each of the piers if awarded in a group to a single bidder. Proposals were submitted as follows:

(a) Re-roof Pier 26 (approx. 912 squares);
(b) Re-roof Pier 41 (approx. 1,392 squares);
(c) Re-roof Pier 31 (approx. 1,590 squares).

Complete bids were as follows:  
J. W. Bender Roofing & Framing Co., 1999 Bryant St., San Francisco, (I) no bid; (II), (a) \$5.50; total, \$5.50; (b) \$5.50; total, \$7,656; (c) \$5.15;



total, \$8,188.50.

Empire Construction Co., Ltd., San Francisco—(1) no bid; (11) (a) \$6.13, total \$5,590.56; (b) \$6.13, total \$5,532.96; (c) \$5.63, total \$8,951.70.

Malott & Peterson, San Francisco—(1) no bid; (11) (a) \$6.60, total \$6,092.20; (b) \$6.56, total \$9,131.52; (c) \$5.85, total \$9,301.50.

Alta Roofing Co., San Francisco—(1) \$6.22, total \$5,672.64; (b) \$6.48, total \$8,946.88; (c) \$5.54, total \$8,503.60; (11) (a) \$6.21, total \$5,663.52; (b) \$6.13, total \$8,532.96; (c) \$5.53, total \$8,792.70.

Frank Johnson Co., San Francisco—(1) \$6.31, total \$5,754.72; (b) \$6.31, total \$5,783.52; (c) \$5.73, total \$9,107.70; (11) (a) \$5.99, total \$5,462.88; (b) \$5.99, total \$8,338.08; (c) \$5.64, total \$8,967.60.

Davenport Roofing Co., San Rafael—(1) (a) \$7.44, total \$6,785.28; (b) \$8.44, total \$11,748.48; (c) \$7.94, total \$12,624.60; (11) (a) \$7.34, (c) \$7.84; comb. total \$12,465.60.

**Correction in Contractor's Name.**  
RE-ROOF FIBERS Cont. Pr., \$20,860.50  
SANCISCO

Re-roof Fibers 26, 41 and 31.  
Owner—State of California (Board of Harbor Commissioners) Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—J. W. Bender Roofing & Paving Co., 1999 Bryant Street, Empire Roofing Co., San Francisco submitted a bid at \$23,075.22 which was reported in error August 13, as having been submitted by the Empire Construction Company, Ltd.

**Bids Wanted—To Close August 26, 2 P. M.**  
STORAGE SHED Cost, \$.....  
SAN FRANCISCO. Waterfront; Sea Wall, Lot 29.

Remove existing structures and construct a storage shed.  
Owner—State of California (Board of Harbor Commissioners), Ferry Building.

Engineer—Frank G. White, Ferry Building.  
Plans and specifications may be obtained at Room 18, Ferry Bldg., upon deposit of \$20, returnable.

Bids will be opened in the board room, Room 19, Ferry Bldg.

## 19—MISC. CONSTRUCTION

### BIDS WANTED

INDEPENDENCE, Polk Co., Ore.—Until August 27, 3 p. m., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under Bid No. 698-38-56, for the construction of experimental sections of asphalt bound river bank revetment with riprap toe in Willamette River, 1½ miles below Independence, Oregon.

Work involves:

- (1) 500 c.y. excav. and fill;
- (2) 2000 c.y. toe trench excav.;
- (3) 1600 c.y. rock riprap, in place (new stone);
- (4) 450 c.y. rehandling old riprap;
- (5) 5000 sq. yd. smoothing and scarifying for 6-in. penetration;
- (6) 4400 sq. yd. smoothing and scarifying for 3-in. penetration;
- (7) 700 sq. yd. paving, Type A;
- (8) 2200 sq. yd. paving, Type B;
- (9) 2200 sq. yd. paving, Type C;
- (10) 7000 gals. additional asphalt, in place.

Plans and specifications may be obtained from the above office.

### SUB CONTRACTS AWARDED

LOS ANGELES, Calif.—Robert E. McKee, Central Bldg., reports additional subcontracts for the main station buildings under construction on Alameda St. for the Los Angeles Union Passenger Terminal, awarded

as follows: Meloeny Roof Co., 1007 S. Harvard Blvd., refrigerating; National Cornice Works, 1323 Channing St., sheet metal; Consolidated Terrazzo Cos., 2668 Long Beach Blvd., terrazzo; California Fireproof Door Co., 1923 S. Los Angeles St., fire doors; Sanymetol Products Co., toilet partitions.

### D'NS WANTED

EAST SOUND, San Juan Co., Wn.—Until August 30, 10 a. m., bids will be received by the Orcas Light & Power Co., Inc., Henry Cayn, President, East Sound, for about 52 miles of rural electrical distribution system in San Juan County.

Plans and specifications may be obtained at the office of the T. C. Smith, Engineer, 840 Henry Bldg., Seattle.

### BIDS OPENED

LEBEC, Kern County, Calif.—D. A. Loomis, Glendale, at \$13,407 submitted low bid to the State Division of Architecture, George B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for construction of a truck weighing station near Lebec. Work will consist of one-story frame weighing house, one-story frame pump house, scale pit, concrete scale platform, water well, and other miscellaneous work.

Complete bids follow:

D. A. Loomis, Glendale \$13,407  
F. B. Ladous & Son, Beverly Hills 13,648  
Hills 14,182  
Jerald, Beverly Hills 14,182  
Oscor, Oberg, Los Angeles 15,230  
Arthur Pinner, Jr., Los Angeles 15,348

### BIDS OPENED

TORRANCE, Los Angeles Co., Cal.—Long Beach Iron Works submitted the only bid for the Torrance city contract for furnishing a horizontal centrifugal booster pump direct connected to 125-hp. electric motor, unit A. The bid, including trade-in allowance, was: \$3150, bidding on Byron-Jackson pump and U. S. motor; \$3975, bidding on Fairbanks, Morse pump and motor.

Work involves:

UNIT A

- (1) Furnish and install line horizontal centrifugal booster pump with one 125-hp. General Elec. starter or equal, pump to be direct connected to a 125-hp. horizontal motor, mounted on common C I bed plate, securely fastened to foundation.
- (2) Bidder shall furnish with his bid full details and drawings of the pump showing internal construction and approximate overall dimensions, copies of curve indicating head capacity, brake hp. and efficiency characteristics of the pump quoted; also full details of the constr. of the motor including overall dimensions and such cuts and sketches as will fully describe its construction;
- (3) Furnish and install all necessary bases, fittings, facilities, and labor and connect booster pump to suction and discharge lines of storage and pressure tank, making all necessary changes at the booster pump house for such connection.
- (4) Torrance Municipal Water District No. 1 shall be guaranteed against defects in workmanship and material for one year after unit is in operation.

UNIT B—Subdivisions 1 and 2—Furnish and deliver to Water Department certain electric materials and equipment including conduit, wire, float switches, and other necessary facilities and supplies for connection with the installed booster pump unit as per specifications.

Separate bids are desired for Unit

A and for Subdivisions 1 and 2 of Unit B. No bid will be considered for a part of Unit A or Subdivision 1 of Unit B.

Plans and specifications may be obtained from the City Clerk, A. H. Bartlett, or the City Engineer, F. R. Leonard.

Total bids on Unit B follow:

Long Beach Iron Works—Unit B1, \$356.28; Unit B2, \$658.74; tot., \$1015.02.  
Electra, Whise, Mart—Unit B1, \$432.61; Unit B2, \$603.85; tot., \$1036.49.  
Graybar Elec. Co.—Unit B1, \$433.97, Unit B2, \$593.95; tot., \$1027.92.  
Myers Elec. Supply Co.—Unit B1, \$450.08; Unit B2, \$577.07; tot., \$1,027.15.

### BIDS WANTED

CASPER-ALCOVA PROJECT, Wyoming—Until Sept. 3, 10 a. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Casper, Wyoming, under Spec. No. 965-D, for preparation and stockpiling of concrete aggregates, Casper-Alcova Project, Wyoming.

Work involves:

- (1) 7,000 c.y. of stripping gravel deposits;
  - (2) Preparing and stockpiling 20,500 c.y. of sand and gravel.
- Plans and specifications may be obtained at the above office.

### BIDS WANTED

BLAICHLY, Lane Co., Oregon.—Until September 1, bids will be received by Blachly-Lane County Cooperative Electric Association, Baar and Cunningham, Electrical Engineers, 414 Spaulding Building, for the construction of 47 miles of power lines in western Lane County along the Siuslaw Highway, west of Junction City.

Contract Awarded  
FREIGHT SHED Cost, \$10,000  
SAN FRANCISCO. W. 7th St., 112 S. Brannan St.  
One-story frame freight shed.  
Owner—Western Pacific RR, Mills Bldg.

Plans by Eng. Dept. of Owner.  
Contractor—Frost, Early, Jr. 369 Pine St.

### BIDS OPENED

PORTLAND, Oregon.—Lake Washington Shipyards, Houghton, Wash., at \$19,045, submitted low bid to the U. S. Engineer's Office, District Engineer, 306 Custom House, Portland, Ore., under Bid No. 698-38-7, for drydocking and repairing and painting the seagoing hopper dredge, "Clatsop." Estimated cost, \$25,245.

Total bids follow:

Lake Washington Shipyards, Houghton, Wash. \$19,045  
Winslow Marine Railway & Shipbuilding Co., Inc., Seattle, Wash. \$20,274.50  
Lake Union Dry Dock & Machine Works, Seattle—\$21,534  
Commercial Iron Works, Portland—\$24,750.50  
General Iron & Steel Works, Portland—\$27,178

## 20—MISC. SUPPLIES AND MATERIALS

### BIDS OPENED

OAKLAND, Calif.—The following submitted identical bids at \$8,790 to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Proposal 899, for 50,000 lb. of copper water service tubing, ¾-in. dia., 50 ft. each.

Pacific Piping Co., Meyer Wirthinger, Grinnell Co., Mueller Co., Oakland Sheet Metal Supply Co., Richmond Sanitary Co., Duracomm Metals & Supply Co., Moran Plumbing

Supply Corp., Beattie Steel and Supply Co., Crane Co., Holbrook Co., Walworth Co., C. W. Marwedel, Oakland Plumbing Supply Co., American Brass & Copper Co. \*

#### BIDS OPENED

OAKLAND, Cal.—James Jones Co., 201 Leroy St., Los Angeles at \$7900, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 901, for 540 corporation stops and 1050 curb stops. Mueller Brass Co., San Francisco, at \$8475 submitted second low bid; A. P. Smith submitted bids at \$147.50 (Item 1) \$300 (Item 2) \$400 (Item 3) and \$625 (Item 6); and the American Brass & Copper Co., San Francisco, at \$7,906 submitted a lump sum bid covering items 1 through 6.

#### BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until August 25, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing material and equipment, as follows:  
Proposal 905: Five Ford coupes;  
Proposal 907: 20 tons copper sulphate.  
Plans and specifications may be obtained from the above office. \*

#### CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—U. S. Pipe & Foundry Company, Monadnock Bldg., San Francisco, at \$14,250 (Item 1), \$11,050 (Item 2), and \$26,800 (Item 4), and the American Cast Iron Pipe Co., Sharon Bldg., at \$9,225 (Item 3), were awarded contracts by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal L.S. 203, for cast iron pipe, from 4 in. to 20 in. diameter.

Work involves:  
(1) 30,000 lb. cast-iron pipe;  
(2) 5,000 lb. do.;  
(3) 25,000 lb. do.;  
(4) 500,000 lb. do.

#### CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Oakland Lumber Co., 6901 E. 14th St., Oakland, at \$7461 net, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5061, or structural Douglas Fir lumber; f.o.b. Red Bluff. \*

#### BIDS OPENED

LOS ANGELES—Southern Pipe & Casing Co. and West Coast Pipe & Steel Co., at \$3.34 ft.; \$1700 total; submitted identical low bid to U. S. Treasury Department, Los Angeles, for 5000 ft. 4-in. x 20-ft. welded steel pipe, dipped and wrapped, delivered to Victorville, Ind. 30410. Consolidated Steel Corp. submitted only other bid at \$3.39 ft. (total \$1950).

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Southwest Welding & Manufacturing Co., 3201 W. Mission Road, Alhambra, at \$15,228, was awarded contract by Metropolitan Water District, for welded steel tanks for storing transformer and switch oil at Colorado River Aqueduct pumping plants, spec. 227.

#### BIDS OPENED

LOS ANGELES, Calif.—The following submitted bids to the Los Angeles Water & Power Purchasing Agent, under specification 2377, for furnishing (1) 75 40 ft. and (2) 65 45 ft. pressure creosoted poles.  
H. A. Browning Lumber Co., D F  
(1) \$18.35, (2) \$22.00; within 90 days; D F; weight: (1) 90,000 lbs.; (2) 93,600 lbs.; net.  
Southern California Roads Co.: (1)

\$19.25; (2) \$22.50; 35 days; D F; wt. (1) 96,000 lbs.; (2) 103,300 lbs.; net.  
Chas. R. McCormick Lumber Co.: (1) \$21.35; (2) \$25.65; 90 to 90 days; D F; wt. (1) 75,000 lbs.; (2) 81,250 lbs.; net.

J. H. Baxter & Co.: (1) \$21.85; (2) \$26.15; within 90 days; D F; wt. (1) 82,000 lbs.; (2) \$4,000 lbs.; net.

Graybar Electric Co., Inc.: (1) \$25.36; (2) \$30.87; frt. on Los Angeles; 10 days; Southern Yellow Pine; wt. 103,500 lbs.; (2) 107,250 lbs.; net.

Texas Creosoting Co.: (1) \$25.46; (2) \$31.02; frt. cars Los Angeles; 90 days; Southern Yellow Pine; wt. (1) 112,425 lbs.; (2) 115,180 lbs.; net.

#### BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Treasury Dept., Los Angeles, under Inv. 30390, for structural steel; f.o.b. Castroville.

Work involves:

(1) 4 pcs. I beam 15 in. x 19 ft. 10 in.;  
(2) 4 pcs. H column 8 in. x 20 ft.;  
(3) 12 pcs. H column 10 in. x 23 ft.

Total bids follow:  
A. M. Castle & Co.—(1) \$43.34; (2) \$27.715; (3) \$50.377; disc. 1/2 of 1% 30 days.

Judson Pacific Co., total bids—(1) \$166.61; (2) \$106.64; (3) \$581.53; total, \$854.78, net.

United Casting Co., total bid \$955; disc. 1% 20 days.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—California Portland Cement Co., Riverside Cement Co., and Southwestern Portland Cement Company, c/o Lewis A. Carman, 504 Pacific Mutual Bldg., Los Angeles were awarded contract by the Metropolitan Water District for 250,000 barrels of portland cement, under Spec. 228. \*

#### BIDS WANTED

SAN FRANCISCO—Until Aug. 25, 10 A. M., bids will be received by Col. O. S. Albright, Signal Corps Contracting Officer, 9th Corps Area, Presidio, San Francisco, under Proposal No. 1984-SG-284, for 7,700 duct fit. conduit, clay, single duct 2 1/2-inch glazed cylindrical bore, complete with connecting dowels and joining bandage.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Haines Canyon Rock Co., 5201 San Fernando Road, at \$22,964, was awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 4, for 19,950 tons coarse aggregate and 12,850 tons sand.

#### BIDS WANTED

KERN CO., Calif.—Until Aug. 30, 3 p.m., bids will be received by the Mountain View High School District, Kern County, for 18 Size A movable school desks, 57 1/2 B same, 24 Size C same, 1 oak double pedestal teacher's desk, 1 oak swivel chair and 4 oak side chairs without arms. Bids should be addressed to W. H. Clendenen, Rt. 6, Box 681, Bakersfield.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Soule Steel Co., 6200 Wilmington, at \$354,869.11, was awarded contract by the U. S. Engineer, Los Angeles, under Circ. Prop. 7, for 13,151,000 lbs. steel reinforcing bars, delivered f.o.b. to job.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Consolidated Rock Products Co., 2730 S. Alameda, Vernon, and John D. Gregg, 9228 Farmdale, Roscoe, at \$73,800, were awarded contracts by the U. S. Engineer, Los Angeles, under Circ. Prop. 12, for 30,000 c.y. coarse aggregate and 15,000 c.y. sand.

#### BIDS WANTED

SACRAMENTO, Calif.—Until Aug. 26, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-38-38, for furnishing 37,400 tons of riprap stone at various points along the Sacramento River, Steamboat Slough and Three-Mile Slough.

Work involves:  
(21,100 tons riprap stone delivered f.o.b. contractor's barge, or by truck, at site of bank protection work in the Sacramento River, Steamboat Slough, and Three-Mile Slough, at or between the following points:

- 8,000 tons, Steamboat Slough at Mile 15.0;
- 2,200 tons, Three-Mile Slough, east of highway bridge;
- 500 tons, Sacramento River, between Mile 35.0 and Mile 30.0;
- 8,800 tons, Sacramento River, between Mile 30.0 and Mile 50.0;
- 2600 tons Sacramento River, between Mile 50.0 and Mile 59.0 (M Street bridge, Sacramento);

(2-A) 15,300 tons riprap stone delivered f.o.b. government trucks at the following points:  
(a) 800 tons Meridian;  
(b) 1900 tons Grimes;  
(c) 4000 tons Ayrahire;  
(d) 1600 tons Robbins;  
(e) 6300 tons Knight's Landing;  
(f) 700 tons Stegeman;

(2-B) 15,300 tons riprap stone delivered f.o.b. contractor's barge or trucks, at site of bank protection work in the Sacramento River, between the following points:

- On westerly side of river:
  - 5000 tons bet. Mile 81.0 and Mile 95.0;
  - 1200 tons bet. Mile 95.0 and Mile 115.0;
  - 3400 tons bet. Mile 115.0 and Mile 136.0;
  - 1000 tons bet. Mile 136.0 and Mile 148.0;
  - 800 tons bet. Mile 148.0 and Mile 154.5;
  - 800 tons bet. Mile 154.5 and Mile 138.0.
- On easterly side of river:
  - 600 tons bet. Mile 85.0 and Mile 95.0;
  - 1100 tons bet. Mile 95.0 and Mile 105.0;
  - 1400 tons bet. Mile 105.0 and Mile 125.0;
  - 800 tons bet. Mile 125.0 and Mile 138.0.

Item 2-B is an Alternate for Item 2-A; i.e., award will be made on only one of items.

Plans and specifications may be obtained from the above office. \* 20

## DAILY PACIFIC BUILDER

LARGEST  
CONSTRUCTION  
DAILY  
IN THE  
WEST

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## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news papers in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav., etc.	31—Pipe Lines and Wells
23—Irrigation Proj.	32—Sewers & Sewage Disposal Plants
24—St. Light Systems	33—Water Works
25—Machinery and Equipment	34—Parks & Play grounds
26—Railroads	35—Tunnels
27—Fire Alarm Sys.	
28—Fire Equipment	
29—Streets & Highways	

## 21— BRIDGES

## SUB-BIDS WANTED

SAN FRANCISCO.—Barrett & Hip 918 Harrison St., are figuring plans and desire sub-bids on all portions of the work for the construction of the San Francisco Viaduct of the Railway Facilities of the San Francisco-Oakland Bay Bridge, for which bids will be opened August 18, 2:30 P. M., by the State Department of Public Works, San Francisco-Oakland Division, Room 811, 509 Sansome St.

## CONTRACT AWARDED

VENTURA CO., Calif.—J. E. Hadcock, Ltd., 357 N. Chester Avenue, Pasadena, at \$40,663.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for constructing a reinforced concrete girder bridge across Big Sycamore Creek, consisting of one 59-ft. span on concrete abutments, about 10 mi. south of Oxnard.

## CONTRACT AWARDED

MONTREY CO., Calif.—E. T. Lesure, 87 Ross Circle, Oakland, at \$31,824.40, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for a steel and concrete bridge across Mud Creek, 25 miles north of San Simeon, consisting of one 80-ft. plate girder span and two 41-ft. steel beam spans.

## BIDS OPENED

LOS ANGELES.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$15,500, submitted the low bid to Los Angeles county supervisors for the construction of a steel bridge on Rush Ave. over Alhambra Wash. The proposed structure will be a one 81-ft. span through plate girder bridge with a 24-ft. concrete deck. The other bids were:  
The Contracting Engrs. Co., \$16,000.  
O'Neal & Son, \$16,500.  
W. H. McCune, \$16,600.  
Charles J. Dorfman, \$16,658.  
J. R. Lippincott, \$17,214.  
H. B. Nicholson, Long Beach, \$17,309.  
Oscar Oberg, Los Angeles, \$17,490.  
Anasco Constr. Co., Inc., Long Beach, \$17,580.  
Carlo Bongiovanni, \$17,654.  
Byerts & Dunn, \$17,732.

## LOW BIDDER

TULARE CO., Calif.—Jourdan Concrete Pipe Co., P.O. Box 914, Fresno, at \$177, submitted low bid to the Tulare County Board of Supervisors, Court House, Visalia, for the construction of a reinforced concrete

bridge, consisting of two 16-ft. spans, over Deer Creek on the Fountain Springs-California Hot Springs Road.

- Work involves:  
(1) 74 c.y. Class A portland cement concrete;  
(2) Assembling and setting pipe railing;  
(3) Removal of two wooden bridges.

## LOW BIDDER

TULARE CO., Calif.—Lemuel C. Clark, 217 S. West St., Visalia, at \$6,320, submitted the low bid to the Tulare County Board of Supervisors, Court House, Visalia, for the construction of four 17-foot spans, reinforced concrete bridges over branches of the Tulare River, being between  $\frac{1}{2}$  and  $1\frac{1}{2}$  miles north of Woodville, Tulare Co.

- Work involves:  
(1) 480 c.y. of Class A portland cement concrete;  
(2) 34 c.y. of Class F portland cement concrete;  
(3) Removing of three wooden bridges;  
(4) Removing of a two-pipe culvert.

## BIDS OPENED

TUOLUMNE COUNTY, Calif.—L. Uebel, Box 181, Ripon, Calif., at \$2,423.50, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Hetch Hetchy Water Supply Contract No. 169, for constructing a steel foot bridge 100 ft. long, spanning a portion of Moccasin Reservoir, Section 34, Township 1 South, Range 15 East Tuolumne County.

- Work involves:  
(1) 15 c.y. excavation;  
(2) lump sum, reinf. conc. bent;  
(3) 7 c.y. concrete for footings;  
(4) 2,200 lbs. reinf. steel not included in Item 2;  
(5) lump sum, steel bridge with timber walkway.

Total bids follow:

- (A) L. Uebel, Box 181, Ripon, \$2,423.50.  
(B) John C. O'Leary Const. Co., San Francisco, \$2,964.00.  
(C) D. W. Nicholson, Oakland, \$3,355.00.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 3.25	\$ 7.00	\$ 6.00
(2).....	255.00	297.00	524.00
(3).....	24.25	40.00	31.00
(4).....	15	.07	.06
(5).....	1890.00	2268.00	2512.00

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

SAN DIEGO, Calif.—Until August 24 10 a.m., bids will be received by

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. 8571, for approximately 6,000 cu. yds. dredging of an area, outboard of the Marine Railway at the Destroyer Base, Naval Operating Base, San Diego.

Plans and specifications may be obtained from the above office upon the deposit of \$10.

## BIDS OPENED

CLACKAMAS CO., Oregon.—Pacific Building Materials Co., 400 N. Thompson St., Portland, Oregon, at \$1,053.75, submitted the only bid to the U. S. Engineer Office, 306 Customhouse, Portland, for dredging 23.5 and 24 miles at Pennings and Meldrum Bars in the Willamette River; 16,500 c.y. of material to be dredged to restore channel to project width of 150 ft. and a depth of 8 ft. at low water at the two bars by removal and disposal of all material from area approximately 350 ft. long and 100 ft. wide with average cut of 2 ft. at Jennings Bar, and 1200 ft. long and 150 ft. wide with average cut of 3 ft. at Meldrum Bar.

## CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—American Dredging Co., 255 California St., San Francisco, at \$630 per c.y., was awarded contract by the City of Oakland Port Commission, Oakland, for 15,000 c.y. re-dredging 7th Street Unit, Outer Harbor Terminal. 1

## 23— CANALS

## BIDS WANTED

OWYHEE PROJECT, Ore.-Idaho.—Until August 25, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 961-D, for the construction of earthwork, South Canal lateral, S.C. 57, Station 195-00 to end, and sublaterals, Succor Creek division, Owyhee project, Oregon-Idaho.

Work involves:

- (1) 90,000 c.y. all classes of excavation for laterals;  
(2) 5,000 st. c.y. of overhaul.  
Plans and specifications may be obtained from the above office.

## BIDS WANTED

OWYHEE PROJECT, Ore.-Idaho.—Until Sept. 1, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 962-D, for the construction of structures South Canal lateral, S.C. 57, Station 0 to Station 195, and sublaterals, Succor Creek division, Owyhee project, Oregon-Idaho.

Work involves:

- (1) 3,400 c.y. all classes of excavation for structures;  
(2) 5,100 c.y. backfill about struc.;  
(3) 1,100 c.y. concrete in structures;  
(4) 1,600 sq. yds. dry-rock paving;  
(5) placing 70,000 lbs. reinf. bars;  
(6) erecting 11 MFMB of timber in structures;  
(7) laying 2,656 lf. 15- to 60-in. dia. precast concrete pipe;  
(8) installing 6,200 lbs. of gates and miscellaneous metal work.  
Plans and specifications may be obtained from the above office.

## BIDS WANTED

OWYHEE PROJECT, Ore.-Idaho.—Until September 1, 10 a.m., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief En-

gineer, Boise, Idaho, under Spec. No. 962-D, for the construction of structures South Canal lateral S.C. 57, Station 0 to Station 195, and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

- Work involves:
- 3,400 c.y. of all classes of excavation for structures;
  - 5,100 c.y. of backfill about structures;
  - 1,100 c.y. of concrete in structures;
  - 1,600 sq. yds. of dry-rock paving;
  - Placing 70,000 lbs. of reinforcement bars;
  - Erecting 11 MFEM of timber in structures;
  - Laying 2,656 lf. of 15-in. to 60-in. diameter precast concrete pipe;
  - Installing 6,200 lbs. of gates and miscellaneous metal work.

Plans and specifications may be obtained at the above office.

#### BIDS WANTED

**BOISE PROJECT, Idaho.**—Until Sept. 14, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Boise, Idaho, under Spec. No. 745, for the construction of earthwork and structures, Black Canyon Canal, Station 1250 to Station 1520, Payette Division, Boise Project, Idaho.

- Work involves:
- 881,000 cu. yd. of all classes of excavation for canal;
  - 36,000 cu. yd. of excavation for core banks;
  - 5,620 cu. yd. of excav. for drainage channels and dikes;
  - 15,000 chs. c.y. of overhaul;
  - 4,929 cu. yd. of excav. for structures;
  - 6,500 cu. yd. of backfill;
  - 16,000 cu. yd. of earth lining of canal;
  - 300 cu. yd. of gravel blanket on slopes of canal;
  - 765 cu. yd. of concrete in structures;
  - 100 sq. yds. of dry-rock paving;
  - Placing 67,300 lbs. of reinforcement bars;
  - Laying 132 lf. of 15-in. and 18-in. diameter concrete pipe;
  - Installing 15,350 lbs. of gates and other metalwork.
- Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**EL CENTRO, Imperial Co., Calif.**—Until September 21, bids will be received by the Imperial Irrigation District, E. Centro, for furnishing equipment for Hydro-Electric Plant No. 4 of the All-American Canal System, in accordance with specifications prepared by M. J. Dowd, Chief Engineer and Superintendent. Equipment required includes one 13,000 HP.

#### BIDS WANTED

**OWYHEE PROJECT, Oregon-Ida.**—Until September 3, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 966-D, for the construction of structures South Canal lateral S.C. 57, Station 195 to end, and sublaterals, Succor Creek Division, Owyhee Project, Oregon-Idaho.

- Work involves:
- 3,000 cu. yd. of all classes of excav. for structures;
  - 12,300 cu. yd. of backfill about structures;
  - 750 cu. yd. of concrete in structures;
  - 1,500 sq. yds. of dry-rock paving;
  - Placing 44,000 lbs. of reinforcement bars;
  - Erecting 2 M ft. b.m. of timber in structures;
  - Laying 6,256 lin. ft. of 15-in. to 48-in. diameter precast concrete pipe;
  - Installing 5,600 lbs. of gates and miscel. metalwork.

Plans and specifications may be obtained from the above office.

#### 24—STREET LIGHTING

**SAN DIEGO, Calif.**—Barth Foundry & Machine Co., at \$8,781.00 submitted the low bid to the San Diego City Purchasing Agent, F. M. Lockwood, 524 F St., San Diego, for furnishing 70 lighting posts for installation on El Cajon Boulevard. Bids will be taken on both concrete (Plan 5480-L) and metal posts (Plan No. 5481-L).

Total bids follow:  
Barth Foundry & Machine Co., \$8,781.

Taper Tube Pole Co., \$9,695.  
Marbelite Corp., \$10,465.  
Union Metal Co., \$10,937.50.

#### 25—MACHINERY AND EQUIPMENT

##### WANTED

**O'FARLAND, Alameda Co., Calif.**—Until August 24, 1:00 p. m., bids will be received by the Oakland City Council, W. W. Chappell, Clerk, City Hall, for one 1½-ton truck chassis.

Plans and specifications may be obtained from the above office.

##### BIDS WANTED

**BOULDER CANYON PROJECT.**—Until September 2, 2 p. m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 979-D, for insulated cable for installation in the Boulder power plant, Boulder Canyon project, Arizona-California-Nevada; i. e., shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office.

##### BIDS WANTED

**SAN FRANCISCO.**—Until August 23, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 2700, City Hall, under Bid No. 1887, for gymnasium equipment for the School Department.

Plans and specifications may be obtained from the above office.

##### BIDS OPENED

**CENTRAL VALLEY PROJ., Calif.**—The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 935-D, for four motor-driven pumping units for installation at Government Camp, Friant Dam, Central Valley Project, Calif. Apparatus will be installed by the Government:

American Well Works, Denver: (job point) Aurora, Ill.; (amount) \$2,769.30.

Worthington Pump & Mach. Corp., Denver; Friant; \$2,855.12.  
Hendrie & Bolthoff Mfg. & Supply Co., Denver; Pomona, Calif.; \$2,565.20.

Woodin & Little, Inc., San Francisco; San Jose; \$2,557.00.

San Jose; Firstenberg, Fresno; Friant; Calif.; \$2,894.71.

Victor Equip. Co. (Kimball-Krogh Pump Div.), Los Angeles; Los Angeles; \$3,319.60.

Western Pump Co., Ltd., San Jose; Friant; \$2,493.20.

Palmer Supply Co., Seattle; Friant; \$2,704.86.

Byron Jackson Co., Berkeley; Friant; \$3,503.60.

Hercules Equipment Rubber Co., San Francisco; Friant; \$3,503.60.

Food Mch'y. Corp., Fresno; Friant; \$2,265.00.

Fountain States Mch'y. Co., Denver, Los Angeles; \$2,341.00.

Fairbanks-Morse & Co., Kansas City Mo.; Friant; \$2,125.70.

##### BIDS OPENED

**LOS ANGELES, Calif.**—The following submitted bids to the Metropolitan Water District, under Spec. 231, for furnishing five horizontal centrifugal pumping units with a capacity of 2600 g.p.m. against a total head of 850 ft.:

Pacific Pump Works, Huntington Park: (1) \$705, 30 4/8; (a) sht. \$755, \$37,790; (2) replacement unit, (a) \$676; deliv. 45 da.; (b) \$30 per set, \$60 per pump; deliv. 30 da.; (c) \$9 per set, \$18 per pump, deliv. 10 da.; (d) \$60 per set, deliv. 30 da.; (e) \$102 per unit, \$408 per pump, deliv. 30 da.; (3) erecting engr., \$20 per day; gross ship weight each pump and accessories, 15,400 lbs. F.o.b. L. A.; 1% 30 da. Guar kw input to motor, 512.

Fairbanks, Morse & Co., 2401 Santa Fe Ave., L. A.—(1) no bid; (1a) \$6296, \$31,460; plus 3% sales tax if applicable. Bidding on Byron Jackson Co.; (3) \$20 per day. Gross shipping weight each pump, 16,000 lbs. F.o.b. L. A.; net 30 da. Guar kw input, see Byron Jackson Co. bid.

Byron-Jackson Co., 2150 E. Slauson Ave., Huntington Park—(1) \$6,698, \$33,490; (1a) \$6358, \$31,790; (2) \$87, \$40 per unit, total \$3690; (2) \$70, \$350; deliv. 30 da.; (c) \$5, \$25; deliv. 5 da.; (d) \$10, \$555; deliv. 30 da.; (e) \$155, \$775; deliv. 30 da.; total, \$5715; (3) \$20 per da. Gross ship weight each, 16,000 lbs. F.o.b. L. A.; no disc. Guar kw input to motor, 550.9. G-E motor.

United Iron Works, 580 2nd Street, Oakland, Calif.—(1) \$6756, \$33,780; (1a) \$6418, \$32,090; deductions: if G-E 60 cycle, 40 % agree E L drip proof motors, \$832 per unit, \$4160; (1c) if Ideal drip proof motors used, deduct \$732 per unit, total \$3690; (2) (a) \$70, \$7050; deliv. 30 da.; (b) \$123, \$615, 7 da.; (c) \$5, \$25, 5 da.; \$1250, 10 da.; (e) \$187, \$935, 10 da.; total, \$9875; (3) \$20 day; 20,000 lbs. F.o.b. Oakland; no disc. Guar kw input to motor G-E, 538.5. Westinghouse, 538.5.

##### BIDS WANTED

**SAN FRANCISCO, Calif.**—Until August 24, 2 p. m., bids will be received by the U. S. Bureau of Public Roads, Room 422, Federal Office Building, San Francisco, for the rental for 240 hours of one 18-hp. crawler tractor with 12 cu. yd. carryall or equivalent unit, to be used on Rt. 61, Angeles-Crest National Forest Highway.

Plans and specifications may be obtained from the above office.

##### BIDS WANTED

**LOS ANGELES, Cal.**—Until Aug. 20, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles for electrical equipment as follows:

**SCHEDULE 1—Intake FOB Earp**  
(1) 80 only 15 kv NEMA std. outdoor type insulator units;

(2) 65 only 7500-volt NEMA strength Class 4, indoor bus supports;

**SCHEDULE 2—Gen. FOB Earp**  
(4) 41 only 230 kv NEMA std. outdoor type bus insulators;

(5) 65 only same as item (2);

**SCHED. 3—Iron Mtn., FOB Rice**  
(6) 43 only same as item (1);  
(7) 49 only same as item (4);

(8) 65 only 7500-volt NEMA strength Class 4, indoor bus supports;

**SCHED. 4—Eagle Mtn., FOB Rice**  
(9) 43 only same as item (1);  
(10) 41 only same as item (4);

(11) 65 only 7500-volt NEMA strength Class 5, indoor bus supports;

**SCHED. 5—Havfield FOB Rice**  
(12) 43 only same as item (1);  
(13) 41 only same as item (1);  
(14) 65 only same as item (11).

Bid 8756.

**BIDS WANTED**

**SAN MATEO AND SANTA CRUZ COS., Calif.**—Until August 23, 2 p.m., bids will be received by the Division of Highways, Col. Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of four pneumatic-tired dump trucks, body capacity not less than 4 cubic yards, for approximately 2500 hours use in San Mateo and Santa Cruz Counties.

Specifications obtainable from the above office.

**BIDS OPENED**

**SAN FRANCISCO.**—Following bids were submitted to Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of four pneumatic-tired dump trucks for 2000 hrs. use:

Arnold Trucking Co., San Francisco—\$2.35 (h1); \$2.75 (p1).  
 Al Gaspaou and D. Woods, S. F.—2.35 (h1); 2.75 (p1).  
 Jack Cunha, Hayward — \$2.55 (not spec.).

T. & S. & B. Rutledge Trucking Co., S. F.—\$2.35 and \$2.55 (not spec.).  
 Chas. L. Harney, S. F.—\$2.35 (not spec.).

Rock & Gravel Trucking Co., Oakland—\$2.35 (h1); \$2.75 (p1).  
 Edw. Keeble, San Jose—\$2.35 (h1); \$2.75 (p1).

Pacific Truck Service Co., San Jose—\$2.35 (h1); \$2.75 (p1); \$2.35 (not spec.).

Jos. Calvanco, S. F.—\$3.00 (not spec.).

S. E. Bonsangue & J. Taormina, L. A.—\$2.00 (not spec.).

H. Simon, S. F.—\$3.45 (not spec.).

K. I. Dowdy, S. F.—\$2.75 (not spec.).

W. K. Erskine & W. E. Sinclair, Hayward—\$3.00 (not spec.).

Volpa Bros., Fresno—\$3.00 (not spec.).

D. J. Pizzo, S. F.—\$2.75 (not spec.).

Chas. W. Beguhl, Millbrae—\$3.00 (not spec.).

L. de Costa, S. F.—\$2.635 (h1); \$2.835 (p1).

Circle Truck Co., L. A.—\$2.10 (not spec.).

Portola Trucking Service, S. F.—\$2.35 (h1); \$2.75 (p1).

W. K. Walker, S. F.—\$3.00 (not spec.).

Longwell & Springer, S. F.—\$2.75 (not spec.).

**26—RAILROADS**

August 19, 1937.

**BIDS WANTED**

**SAN FRANCISCO.**—Until August 27, 3 p.m., bids will be received by the San Francisco Bay Exposition Company (Leland W. Cutler, Pres.), 585 Bush St., for a yard railroad track system, on Yerba Buena Shoals, site of the 1939 World's Fair.

Work will involve approx. 8,055 ft. of track under Prop. 1, with an alternate proposal of an additional 3-032 ft. of track.

Bids will be received and opened at 585 Bush Street, where plans and specifications are now obtainable upon deposit of \$20. \* 26

**BIDS WANTED**

**BONNEVILLE PROJECT.**—Until August 31, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-28-55, for furnishing and placing riprap along the S. P. & S. Railway and adjacent property in the vicinity of North Bonneville.

Work involves:

- (1) 9,000 c.y. excav. and sloping;
- (2) 82,500 tons of 2,000 lbs. loose riprap, in place.

Plans and specifications may be obtained from the above office. \* 26

**29—STREETS AND HIGHWAYS**

**BIDS OPENED**

**COCONINO CO., Ariz.**—Pearson & Dickerson Contractors, Inc., Tilton Bldg., Prescott, Arizona, at 887-9640, submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Fredonia Highway, FA 95-G (1938) AFE 8970. The work, which begins at the highway junction about six miles east of Flagstaff and extends northerly about 5.5 miles, consists of grading and furnishing and placing select material, aggregate base course and 90-95 road oil plant mix, and is to be completed on or before Feb. 28, 1938.

- Work involves:
- (1) 4,300 c.y. rdwy. excav.;
  - (2) 6,000 c.y. m. haul;
  - (3) 20,000 c.y. stripping pits;
  - (4) 5,800 c.y. imported borrow (CIP);
  - (5) 24,700 c.y. selected mater'l (CIP);
  - (6) 19,200 tons agg. base course, CIP;
  - (7) 1,700 M. gals. sprinkling;
  - (8) 370 hours rolling;
  - (9) 81,300 gals. road oil, SC-2;
  - (10) 11,800 tons plant mix, inc. haul;
  - (11) 550 tons road oil, 90-95;
  - (12) 8 miles placing plant mix;
  - (13) 1,450 tons screenings (oil coat);
  - (14) 1,700 sq. yds. placing intersections;
  - (15) 1,000 tons stockpiling plant mix;
  - (16) 50 tons cutback asp., MC-2.
- Complete bids will be published shortly.

**CONTRACT AWARDED**

**SAN BERNARDINO AND RIVERSIDE COS., Calif.**—Oswald Bros., 566 E. 5th St., Los Angeles, at \$16,836.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying road-mix surface treatment to 76.9 miles of existing abutments in San Bernardino and Riverside Counties.

**CONTRACT AWARDED**

**SANTA CLARA COUNTY, Calif.**—A. J. Raisch, 358 Lincoln Ave., San Jose, at \$1,980.00 submitted contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of two reinforced concrete retaining walls and three wing walls, near Bridges 2 and 3 on the Quito Road. Estimated cost, \$1,775.

Total bids follow:  
 A. J. Raisch, San Jose . . . \$1,980.00  
 Bert P. Ward & Son . . . 2,557.00  
 Valley Construction Co. . . 3,510.00

**BIDS OPENED**

**OAKLAND, Calif.**—Following submitted bids to Oakland City Council, W. W. Chappell, Clerk, City Hall, for the repair of cement sidewalks in the City of Oakland for the period of Sept. 1, 1937, to Dec. 31, 1937.

- Work involves:
- (1) Fix sq. ft. sidewalk repair (total amount less per sq. ft.);
  - (2) 24 sq. ft. per sq. ft.;
  - (3) 25 do;
  - (4) 50 do;
  - (5) 100 do;
  - (6) 181 over 200 sq. ft. per sq. ft.

Total bids follow:  
 V. Dizilio, Oakland: (1) \$50; (2) \$40; (3) \$35 (4) \$32; (5) \$25; (6) \$22.

J. R. Armstrong, Oakland: (1) \$105 (2) \$61; (3) \$27 1/2; (4) \$19 1/2; (5) \$18 1/2; (6) \$18 1/2.  
 Ransome Company: (1) \$250; (2) \$28; (3) \$27; (4) \$26; (5) \$24; (6) \$21.

**CONTRACT AWARDED**

**KERN CO., Calif.**—S. A. Cummings,

4170 Falcon St., San Diego, at \$25,372, was awarded contract by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing about 0.9 mile in Kern County through Mojave.

**CONTRACT AWARDED**

**SANTA CLARA COUNTY, Calif.**—B. P. Ward & Son, 1139 Lincoln Ave., San Jose, at \$2,185 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the erection of a metal curb retaining wall on the Gish Road, near Turba's place, Santa Clara Co. Estimated cost, \$3,175.

Total bids follow:  
 Bert P. Ward & Son, San Jose \$2,815  
 A. J. Raisch . . . 2,969  
 Piazza & Huntley . . . 3,500

**BIDS WANTED**

**WATSONVILLE, Santa Cruz Co., Calif.**—Until Aug. 24, 7:30 p.m., bids will be received by the Watsonville City Council, M. M. Swisher, Clerk, City Hall, 268 Main St., Watsonville, for the widening of the roadway by setting back the curbs on each side and the removal of the existing pavement on Bridge Street.

- (1) 228 c.y. concrete removal;
  - (2) 234 lf. concrete curb;
  - (3) 9603 sq. ft. concrete sidewalk;
  - (4) 16,583 sq. ft. concrete gutter;
  - (5) 42,590 sq. ft. base course;
  - (6) 4763 sq. yds. paint binder;
  - (7) 1069 tons asphaltic concrete;
  - (8) 594 tons base rock;
  - (9) 2613 sq. ft. driveway approach;
  - (10) 50 c.y. unsuitable material;
  - (11) 2 manholes to be lowered, complete;
  - (12) 1 manhole to be built, complete;
  - (13) 232 lf. 18-in. corr. iron pipe;
  - (14) 8 catch basins, complete;
  - (15) 24 1/2 lf. coping replacement;
  - (16) 190 1/2 lf. wall replacement;
  - (17) 2 electroliters to be moved;
  - (18) 65 bids fuel oil.
- Plans and specifications may be obtained at the office of the City Engineer, H. B. Kitchen, City Hall, 268 Main St., Watsonville.

**BIDS WANTED**

**GLENDALE, Los Angeles Co., Cal.**—Until Aug. 26, 10 a.m., bids will be received by Glendale City Council, J. C. Abers, City Eng., for construction of culverts at intersections of Grandview Ave. with San Fernando Road and with Cleveland St.

Plans and specifications obtainable at the above office.

**LOW BIDDER**

**PLACER CO., Calif.**—Granite Construction Co., Ltd., B'n No. 9, Watsonville, at \$1,880, submitted low bid to C. C. H. Whitmore, District Engineer, State Division of Highways, 703 B St., Marysville, for applying seal coat to 15.7 miles highway between Auburn and Colfax, Placer County.

- Work involves:
- (1) 175 tons liquid asphalt, 90-95, in place;
  - (2) 2,100 tons screenings in place.
- Complete bids will be published shortly.

**BLUE PRINTS AVAILABLE**

**SACRAMENTO, Cal.**—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento Sept 1:

- Following is a list of blue prints and prices:
- I-Hum-1-J, Bridge across Big Laagoon: Plans and Cross-sections, none.
- I-Men-48-A, at Dry Creek, between McDonald and Yorkville: PLANS (No. sheets) 11 (Cost) \$170; CROSS-

SECTIONS (No. of sheets) 33; (Cost) \$3,300; (Total) \$5,000.

Requests for the above plans, specifications and proposal forms must be addressed to the offices of the State Highway Engineer, P. O. Box 1499, Sacramento.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

#### CONTRACT AWARDED

GLENDALE, Los Angeles Co., Cal.—Geo. R. Curtis Paving Co., 2100 E. 25th St., Vernon, at \$8,725.20, was awarded contract by the Glendale City Council, for the improvement of Grandview Ave., between San Fernando Road and Glenoaks Blvd., in accordance with plans and specifications prepared by J. C. Albers.

#### CONTRACT AWARDED

VISALIA, Tulare Co., Calif.—Union Paving Co., 618 Call Bldg., San Francisco, at \$4,687.15, was awarded contract by the Visalia City Council, Ann Lowell, Clerk, for the resurfacing of four certain blocks in Main St., Visalia.

Valley Paving & Construction Co., 165 North H St., Fresno, at \$5,459.90, submitted the only other bid. \* 99

#### CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—A. J. Raisch, 358 Lincoln Ave., San Jose, at \$2,815 submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of two reinforced concrete retaining walls and three wing walls, near Bridges 2 and 3 on the Quito Road. Estimated cost, \$1,775.

Total bids follow:  
A. J. Raisch, San Jose.....\$1,980.00  
Bert P. Ward & Son.....2,557.00  
Valley Construction Co.....4,510.00

#### CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Irving L. Ryder, P. O. Box 265, San Jose, at \$4,372, submitted the low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the relocation of McKean Road, Santa Clara Co. Estimated cost, \$6,600.

Total bids follow:  
Irving L. Ryder.....\$4,372.00  
Plazza & Huntley.....5,295.00  
A. J. Raisch.....5,989.00

#### CONTRACT AWARDED

SAMPETE AND EMERY COS., Utah—Wheelwright Construction Co., Ogden, Utah, at \$63,254.50, was awarded contract by the U. S. Bureau of Public Roads, Ogden, Utah, under Project 7-B1-C, for highway improvement, Fairview-Huntington Canyon, Sampete and Emery Counties.

#### CONTRACT AWARDED

KERN CO., Calif.—Plazza & Huntley, 415 First National Bank Bldg., San Jose, at \$40,790, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing on about eight mi. and constructing borders on two mi. of highway south of Greenfield and Mountain View School.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, at \$87,420.90, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Los Angeles, for widening shoulders and surfacing with plant-mixed surfacing about 6.6 miles between West Covina

and Pomona.

#### CONTRACT AWARDED

SOLANO CO., Calif.—Union Paving Co., Babcock Bldg., San Francisco, at \$70,737.70, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with portland cement concrete and plant-mixed surfacing about eight-tenths of a mile, between the Carquinez Bridge and nine-tenths of a mile north. \*

#### BIDS WANTED

STATE OF WASHINGTON.—Until August 31, 1937, 10 a. m., bids will be received by the Division of Highways, L. V. Murrow, Olympia, Washington, for widening and bridge construction, as follows:

Garfield Co.: Clearing, grading, draining and surfacing on about 3.6 miles of Primary State Highway No. 3, McKiernan Grade to Summit, Federal Aid Project No. 66, in Garfield Co., Wash., involving 1,490 cubic yards of excavation, 29,120 cubic yards of crushed stone surfacing, 181 cubic yards of concrete, 18,060 pounds of steel reinforcing bars, 5,084 linear feet of cable guard rail design No. 2, 9 MFEM of treated lumber, 465 barrels of bituminous cement, 618 linear feet of pipe culverts, and other items.

Whitman Co.: Manufacturing and stockpiling crushed stone surfacing and mineral aggregates for non-skid seal on Primary State Highway No. 3, Garfield to Palouse-Stockpiling, State Project, in Whitman County, Washington, involving about 7,960 cubic yards of crushed stone and mineral aggregates.

Lewis Co.: Clearing, grading, draining and constructing a reinforced concrete slab bridge on about 0.8 mile of Primary State Highway No. 5, near Oklatka Creek vicinity, U. S. Works Program Highway Project No. W.P.H. 134-E, in Lewis County, Washington, involving about 6 acres of clearing, 23,225 cubic yards of excavation, 260 cubic yards of concrete, 25,000 pounds of steel reinforcing bars, 162 linear feet of pipe culverts and other items.

Thurston Co.: Paving with Portland cement concrete and constructing a reinforced concrete bridge on about 0.4 mi. of Primary State Highway No. 9, Perry Creek vicinity, Federal Aid Project No. 41, in Thurston County, Washington, involving about 28,440 cubic yards of excavation, 5,200 cubic yards of selected roadway borrow, 540 cubic yards of crushed stone surfacing and mineral aggregates, 3,521 square yards of cement concrete pavement, 1,076 linear feet of cable guard rail design No. 6, 297 cubic yards of concrete, 56,000 pounds of steel reinforcing bars, 200 linear feet of cast-iron pipe, 289 linear feet of pipe culverts, and other items.

Clallam Co.: Clearing, grading, draining and surfacing on about 0.9 mile of Secondary State Highway No. 9-A, Freshwater Creek vicinity, Federal Aid Secondary Highway Project No. FAS 24-A, in Clallam County, Washington, involving about 6 acres of clearing, 30,600 cubic yards of excavation, 7,039 cubic yards of selected roadway borrow, 1,120 cubic yards of screened gravel surfacing, 250 cubic yards of concrete, 33,000 pounds of steel reinforcing bars, 1,750 linear feet of cable guard rail design No. 6, 378 linear feet of pipe culverts, and other items.

Grant Co.: Constructing a pile and timber trestle detour bridge 667 feet long on Primary State Highway No. 18, across Moses Lake near Nappell, in Grant County, Washington, involving about 150 MF BM of untreated timber and lumber,

6000 linear feet of untreated piling, and other items.

#### CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—Independent Const. Co., Ltd., 46th Ave. and Clement St., Oakland, at \$27,273.75 submitted low bid and was awarded contract by Richmond City Council, City Hall, for 1.32 miles of street improvements on MacDonald Avenue between 23rd Street and San Pablo Ave. Est. cost, \$32,000.

Work involves:  
(1) 300 tons Type A asphalt concrete;  
(2) 300 tons type B do;  
(3) 315 tons Type C do;  
(4) 350 c.y. 7-in. cement conc. pave.;  
(5) 2900 sq. ft. paving exist. pave.;  
(6) 1800 sq. ft. wearing surface removed;  
(7) 500 sq. ft. cement concrete sidewalk;  
(8) 600 sq. ft. concrete cement gutters;  
(9) 129 lf. cement concrete curbs;  
(10) 167 sq. ft. removal of asphalt concrete, and a set of drains;  
(11) 66 ft. drain tile;  
(12) 4 culverts;  
(13) 28 manholes to be raised;  
(14) 3 lamp posts.

Total bids follow:  
(A) Independent Const. Co., Ltd., 46th Ave. and Clement Co., Oakland, \$27,273.75.  
(B) W. H. Larsen, Oakland, \$27,485.50.  
(C) Jones & King, Hayward, \$27,985.50.  
(D) Union Paving Co., San Francisco \$28,350.50.

#### BIDS REJECTED

STATE OF OREGON.—The Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, 3rd floor, Public Service Bldg., Portland, rejected all bids for the Bloucher Section of Hood River Secondary Highway; Federal Aid Secondary Project No. FAS 253-B; 1.6 miles surfacing and oiling and furnishing 4,000 c.y. crushed rock in stockpiles. Requires approx. 9,400 c.y. crushed rock and 15,800 sq. yds. oil mat surface treatment.

#### CONTRACT AWARDED

LINN CO., Oregon.—A. Milne Construction Co., 7253 NE Broadway, Portland, Oregon, at \$68,831.80, was awarded contract by the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for surfacing North Santiam Highway Project, 24-E4, Willamette National Forest, Linn Co., Ore.

#### RECOMMENDED FOR AWARD

STATE OF OREGON.—The following were recommended for award by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, 3rd floor, Public Service Bldg., Portland, for highway construction as follows:

Clatsop and Tillamook Counties: Arch Cape-Beach Creek Section of Oregon Coast Highway; Federal Aid Project No. 180-G. Clearing 2.18 miles of highway right of way.

Recommended for Award: Berke Bros., Inc., 2815 SE Harrison, Portland, at \$24,920.

Tillamook County: Tillamook Co. Oiling Project on three county roads. Federal Aid Secondary Projects Nos. FAS 2-4 and FAS 1-A, and State Project; 4.4 miles surfacing and 8.5 miles oiling. Requires approx. 4,200 c.y. crushed rock or crushed gravel and 56,000 sq. yds. oil mat surface treatment.

Recommended for Award: J. C. Compton, McMinnville, Ore., at \$38,316.

#### CONTRACT AWARDED

IMPERIAL CO., Calif.—G. W. Ellis, 8240 Lankershim Blvd., North



Federal Aid Project No. 262-C; 4.52 miles grading and selected roadbed topping; and construction of 220 lf. timber pile trestle with concrete superstructure. Requires approx. 165,000 cu. y. excavation; 53,000 cu. y. selected roadbed topping; 41 MFBM treated lumber; 178 cu. y. concrete; 36,000 lbs. metal reinf., and 480 lf. concrete handrail.

Awarded: Ediefesen-Weygandt Co., N. Peninsular Rr. & Columbia Blvd., Portland, at \$65,858.

**Malheur County:** Concrete undercrossing structure, retaining walls, & highway roadbed at crossing with U. P. railroad tracks on Old Oregon Trail at Ontario. Federal Aid Grade-Crossing Project Nos. FAGM-158-B and FAGH-46. Requires approx. 29,000 cu. y. excavation; 8,760 cu. y. gravel topping and ballast materials; 12,100 sq. yds. Portland cement concrete pavement; 900 sq. yds. concrete sidewalk; 3,850 cu. y. concrete; 34,800 lbs. metal reinf., and 540,000 lbs. struct. steel.

Awarded: C. J. Montag & Son, Couch Bldg., Portland, at \$19,167.50.

**Multnomah County:** Remodeling and widening Union Ave. bridge over Sullivan Gulch on Pacific Highway East in Portland; Federal Aid Grade-Crossing Project No. FAGM 130-A. Requires approx. 590 cu. y. excavation; 9,000 lf. treated foundation piling; 435 cu. y. concrete; 53,000 lbs. metal reinf.; and 376,000 lbs. struct. steel.

Awarded: Avesell & Corbin, Rt. 10, Portland, at \$65,960.

**Yamhill County:** Structural steel & -undercrossing Superstructure at crossing of S. P. Co.'s tracks near Whiteson, on Pacific Highway West. Federal Aid Grade-Crossing Project No. FAGH 58. Requires the furnishing and fabrication only (no erection) of approx. 80,000 lbs. of structural steel.

Awarded: Minneapolis Moline Power Imp. Co., Los Angeles, at \$4,896.

#### BIDS WANTED

**JACKSON, Grand and Routt Cos., Colo.**—Until Aug. 25, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, J. A. Elliott, District Engineer, 254 Custom House, Denver, for constructing or improving Project 19-A6, B4, C4 of the Rabbit Ears Pass Forest highways route, Routt National Forest, Jackson, Routt and Grand counties, Colo.

Work involves:

- (1) 5000 cu. yd. class. excav., type A;
- (2) 4000 cu. yd. class. type B;
- (3) 100 cu. yd. do for structures;
- (4) 10,000 sta. yds. special overhaul;
- (5) 1000 cu. yd. special overhaul;
- (6) 4000 cu. yd. local subgrade reinf.;
- (7) 37,000 tons 1½-inch heavy base course;
- (8) 32,500 tons crush. run top course;
- (9) 2000 M. gals. watering;
- (10) 500 hours roller operation;
- (11) 2 each furnishing roller;
- (12) lump sum water plant or plants for project;
- (13) 300 lf. 6-in. perf. CSMP under-drain.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

#### BIDS OPENED

**COCONINO CO., Arizona.**—J. A. Casson, Hayward, Calif., at \$53,063, submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Fredonia Highway, FA 95-1 (1938) AEP 971. The work, which begins about 28 miles north of Flagstaff and extends northwesterly a distance of 15.2.3 miles, consists of furnishing and placing select material, aggregate base course and asphalt surface treatment, and is to be completed on or before December 15, 1937.

Work involves:

16,700 cu. y. selected material (CIP);  
44,300 tons agg. base course (CIP);  
1,465 M. gals. sprinkling;  
390 hours rolling;  
192,600 gals. road oil (SC-2);  
400 cu. y. blotter material (CIP);  
240 tons stockpiling aggregate base course (CIP).

Complete bids will be published shortly.

#### BIDS WANTED

**COLORADO, Calif.**—Until August 30, 10:30 a.m., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B Street, Marysville, for surfacing with road-mix surfacing 2.7 miles between Geneva and 2.7 miles north, Colusa County.

Work involves:

- (1) 3,500 cu. y. mineral aggregate;
- (2) 210 tons liquid asphalt, ROMC-3;
- (3) 27 miles spreading, mixing and compacting surfacing material.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**EL DORADO, Calif.**—Until August 30, 10:30 a.m., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B Street, Marysville, for surfacing with road-mix surfacing 2 miles between Gold Run and Airport, Placer County.

Work involves:

- (1) 3,550 tons mineral aggregate (road-mix surfacing);
- (2) 160 tons liquid asphalt, ROMC-3.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

**SAN LUIS OBISPO AND SANTA RABARA COS., Calif.**—L. A. Briscoe, P.O. Box 656, Arroyo Grande, at \$26,591.26, was awarded contract by C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for surfacing with plant-mixed surfacing and seal coat about 18.5 miles between San Luis Obispo and Toro Creek, and between Las Cruces and Lompoc, and between Lompoc and Santa Ynez.

#### CONTRACT AWARDED

**TRINITY CO., Calif.**—Ernest E. Smith, Eureka, at \$8,895, was awarded contract by F. W. Haselwood, District Engineer, State Division of Highways, Redding, for surfacing with road-mix surfacing about 8.5 miles between Helena and Big Bar (11-Tri-20-E), Trinity Co.

#### CONTRACT AWARDED

**LOS ANGELES CO., Calif.**—G. O. Gartz, 124 W. 6th St., Los Angeles, at \$12,824.25, was awarded contract by C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing, asphalt concrete and Portland cement concrete about 0.7 mile at the intersection of Rosemead Blvd. and Las Tunas Dr.

#### BIDS OPENED

**SAN FRANCISCO, Calif.**—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$1,657.85, submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,061, for the construction of a rubble wall on Market Street, between Diamond and Eureka Sts. Estimated cost, \$2,800.

Work involves:

- (1) 143 cu. y. rubble wall;
- (2) 125 lf. wooden railing;
- (3) 160 lf. reset concrete curb;
- (4) 1120 sq. ft. concrete sidewalk.

Total bids follow:

(A) Eaton & Smith, 715 Ocean Ave. S. F.	\$1,657.85
(B) Chas. L. Harney	2,448.00
(C) M. T. Lynch	2,698.90
(D) M. Bertolino	2,908.60

(E) E. J. Treacy

Unit prices follow:

	(A)	(B)	(D)	(E)
(1) \$9.35	\$14.60	\$16.50	\$14.00	\$23.65
(2)	.80	1.00	1.00	5.00
(3)	.40	.35	.50	.40
(4)	.14	.16	.12	.18

#### BIDS OPENED

**SAN FRANCISCO.**—V. Peira and Son, 375 Delano Ave., at \$266.87 submitted low bid to the Department of Public Works, Room 251, City Hall, for the construction of concrete sidewalks along the frontages of city property on the east side of 31st Ave., between Lawson Street and the existing sidewalk 60 ft. north of Lawson St. between 30th and 31st Aves., and the west side of 30th Ave. between Lawson Street and the existing sidewalk 75 ft. north of Lawson.

Total bids follow:

V. Peira & Son, 375 Delano Ave., (per sq. ft.)	\$1275. (total)	\$266.87.
Love & Haun, \$135;	\$300.00.	
D. C. McCabe, \$135;	\$300.00.	
Chas. L. Harney, \$145;	\$326.25.	
Chris Panacchi, \$17;	\$382.50.	
M. Bertolino, \$18;	\$405.00.	

#### BIDS WANTED

**SAN FRANCISCO.**—Until September 1, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Girard St., between north and south of Ward St. and northerly line of Mansell St., and other locations in the vicinity.

The work involves:

- (1) 11,730 cu. y. excav.;
- (2) 980 cu. y. embankment;
- (3) 265 lf. 18-in. VCP sewer;
- (4) 35 lf. 15-in. VCP sewer;
- (5) 500 lf. 12-in. VCP sewer;
- (6) 430 lf. 8-in. VCP sewer;
- (7) 7 18x6-in. Y-branches;
- (8) 28 12x6-in. Y-branches;
- (9) 24 8x6-in. Y-branches;
- (10) 5 brick manholes;
- (11) 3 brick catch basins;
- (12) 150 lf. 10-in. VCP culvert.

Estimated cost, \$10,260.

Plans and specifications may be obtained from the office of City Engineer John J. Casey, Room 251, City Hall, upon cash deposit of \$10.

#### BIDS WANTED

**LOS ANGELES.**—Until Sept. 7, 2 p.m., bids will be received by Los Angeles county supervisors for improvement of Sepulveda Blvd. from Washington Blvd. to Venice Blvd., 2900 lf. or 0.45 mile.

Work involves:

- (1) 1,500 cu. y. excav. (incl. shapling);
- (2) 27,955 sq. ft. 4-in. asph. concrete base;
- (3) 27,955 sq. ft. 2-in. asph. concrete wearing surf.;
- (4) 194 tons 1½-in. premix pave;
- (5) 27,760 sq. ft. 6-in. D R base;
- (6) 1,522 sq. ft. 4-in. D R base;
- (7) 136 lf. 6 in. x 9 in. x 15 in. cement concrete curb;
- (8) 73 lf. monolithic cement concrete curb and gutter;
- (9) 248 sq. ft. 8-in. cement concrete gutter;
- (10) 1,354 sq. ft. 6-in. cement concrete gutter;
- (11) 15 lf. curb armor.

Specifications obtainable from the above office.

#### BIDS OPENED

**SAN FRANCISCO.**—M. Bertolino, 32 Shotwell St., at \$1,680 submitted the only bid to the San Francisco Department of Public Works, Room 251, City Hall, for the construction of sidewalks on Ardenwood Way and other locations.

Work involves 7000 sq. ft. of two-course concrete sidewalk.

#### LOW BIDDER

**TEHAMA CO., Calif.**—Garcia Construction Co., Irvington, Calif., at



55,358.75, submitted low bid to F. W. Haselwood, District Engineer, State Division of Highways, Redding, for applying seal coat to 8.9 miles between the south boundary and Corning.

Complete bids will be published shortly.

#### BIDS WANTED

**ELDORADO COUNTY, Cal.**—Until Sept. 8, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineering Works Bldg., Sacramento, for 4.3 miles grading and surfacing with plant mixed surfacing medium curing type of crusher run base between one and ¼ miles west of Eldorado and Clark's Corner.

Work involves:

- (1) 32 acres clear and grub;
- (2) 400 M. gals. water;
- (3) 211,000 c.y. rdwy. excav., unclass.;
- (4) 2,350 c.y. struc. excav.;
- (5) 2,465 c.y. ditch and channel excavation;
- (6) 329,000 sta. yds. overhaul;
- (7) 325 c.y. concrete removed and disposed of;
- (8) 230 sta. finishing rdwy.;
- (9) 370 c.y. salvaged surf.;
- (11) 15,900 tons crusher run base;
- (11) 9,600 tons mineral aggregate, plant mix surf.;
- (12) 475 tons liquid asphalt, MC-4, MC-5 or MC-extra heavy plant mix surf.;
- (13) 68 tons liquid asphalt, SC-2 prime coat and penetration oil treatment;
- (14) 30 tons sand do;
- (15) 40 tons liquid asphalt MC-3 or MC-4 seal coat;
- (16) 370 tons stone screenings, seal coat;
- (17) 12,700 lbs. bar reinf. steel;
- (18) 160 c.y. Class A portland cement concrete, struc.;
- (19) 200 c.y. rubble masonry, slope paving;
- (20) 196 lf. 8-in. CMP;
- (21) 230 lf. 12-in. CMP;
- (22) 94 lf. 12-in. CMP siphon;
- (23) 2,520 lf. 18-in. CMP;
- (24) 200 lf. 24-in. CMP;
- (25) 50 lf. 24-in. CMP siphon;
- (26) 406 lf. 30-in. CMP;
- (27) 42 lf. 30-in. CMP siphon;
- (28) 98 lf. 48-in. CMP;
- (29) 174 lf. 8-in. perf. metal pipe underdrains;
- (30) 35 c.y. rock filling material;
- (31) 2 each 12-in. concrete pipe joints
- (32) 2 each 24-in. do;
- (33) 1 each 30-in. do;
- (34) 1 each 18-in. headgate;
- (35) 58 lf. existing CMP, remove, clean and salvage;
- (36) 18 lf. existing CMP, remove, clean and relay;
- (37) 5 each spillway assemblies;
- (38) 200 lf. laminated guard railing;
- (39) 350 lf. guard railing removed and disposed of;
- (40) 28 each culvert markers;
- (41) 95 each guide posts;
- (42) 24 each guide posts, remove and reset;
- (43) 5.5 miles property fences;
- (44) 0.7 mile property fences moved and reset;
- (45) 28 each dive gates;
- (46) 95 each monuments complete in place.

Items previously reported incorrectly.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**ORANGE CO., Calif.**—Until Aug. 30, 2 p.m., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Building, Los Angeles, for 0.3 mile grading and surfacing with Portland cement concrete between Center Street and Placentia Ave., Orange County.

Work involves:

- (1) 18 sta. clearing and grubbing;
- (2) 225 M. gals. water;
- (3) 365 c.y. removing concrete;
- (4) 1600 c.y. roadway excav., without class.;
- (5) 40 c.y. struc. excav.;
- (6) 4400 sta. yds. overhaul;
- (7) 140 c.y. imported borrow;
- (8) 4400 sq. yds. preparing subgrade;
- (9) 18 sta. finishing roadway;
- (10) 4 tons liq. asphalt, SC-2 (prime coat);
- (11) 35 tons liq. asphalt, SC-4 (surf.);
- (12) 650 tons mineral aggregate (surf.);
- (13) 150 sq. yds. asphalt paint binder;
- (14) 825 c.y. class A portland cement concrete (pave.);
- (15) 170 each, pave. dowels;
- (16) 3400 lbs. bar reinf. steel;
- (17) 70 lf. 18-in. corr. metal pipe;
- (18) 40 lf. laminated guard railing;
- (19) 2 each, culvert markers.

Plans and specifications may be obtained from the above office. \* 29

August 19, 1937.

#### BIDS WANTED

**SAN FRANCISCO**—Until September 1, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of the westerly one-half of Funston Avenue, between Taraval Street and 100 feet south; and three other portions of Funston Avenue.

Work involves:

- (1) 20 lf. 6-in. vit. clay pipe side sewers;
- (2) 1441 sq. ft. Class E concrete center strip pavement;
- (3) 5276 sq. ft. asphaltic concrete pavement, consisting of 4-inch asphaltic concrete base and 2-inch asphaltic concrete;
- (4) 413 sq. ft. remove existing asphaltic concrete pavement, consisting of a concrete base and an asphaltic concrete wearing surface, and recenter strip pavement.

Estimated cost, \$1570.

Plans and specifications may be obtained from the Office of City Engineer John J. Casew, Room 351, City Hall, upon cash deposit of \$10.

#### LOW BIDDER

**SPOKANE, Wash.**—A. L. Mitchell & Co., 1827 9th St., Spokane, at \$41,041, submitted low bid to the Spokane County Engineer, Clarence Griggs, Spokane, for grading and surfacing 8.58 miles of the Spangle-Waverly Road, Secondary Road Project No. 38.

Work involves:

- (1) 32,110 c.y. class A excav.;
- (2) 19,850 c.y. crushed stone surfacing;
- (3) 8,568 mi. removing and replacing;
- (4) 32,290 ft. slope treatment.

#### CONTRACT AWARDED

**SANTA CLARA CO., Calif.**—B. P. Ward & Son, 1139 Lincoln Ave., San Jose, at \$2,815, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the erection of a metal steel retaining wall on the Gish Road, near Turha's place, Santa Clara Co. Estimated cost, \$3,175.

Total bids follow:

Bert P. Ward & Son, San Jose \$2,815  
A. J. Raisch " " " " " " 2,969  
Piazza & Huntley " " " " " " 3,500

#### BIDS WANTED

**STOCKTON, San Joaquin Co., Cal.**—Until August 23, 5 p.m., bids will be received by the Stockton City Council, E. L. Trahern, City Clerk, City Hall, Stockton, for the improvement of E Street, from Myrtle Street to Linden Road.

Work involves:

- (1) 2034 c.y. excavation;
- (2) 96 c.y. embankment;

- (3) 859 tons cementing road gravel;
- (4) 516 tons plant-mixed surfacing.

Plans and specifications may be obtained at the above office and also at the office of the City Engineer, City Hall, Stockton.

#### COMPLETE BIDS

**COCONINO COUNTY, Ariz.**—J. A. Casson, 706 Security Bldg., Phoenix, at \$55,081.24 submitted the low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Fredonia Highway, EA 95-1 (1328) AFE 8971. The work, which begins about 28 mi. north of Flagstaff and extends a northerly a distance of 15½ miles, consists of furnishing and placing select material, aggregate base course and asphalt surface treatment and is to be completed on or before Dec. 15, 1937.

Work involves:

- 16,700 c.y. selected material (CIP);
- 44,300 tons agg. basecourse (CIP);
- 1,465 M. gals. sprinkling;
- 390 hours rolling;
- 192,600 gals. road oil (SC-2);
- 440 c.y. blotter material (CIP);
- 300 tons of stockpiling aggregate base course (CIP).

Total bids follow:

- (A) J. A. Casson, 706 Security Bldg., Phoenix, \$55,081.24.
  - (B) N. G. Hill & Co., Phoenix, \$58,592.74.
  - (C) Skousen Bros., Albuquerque, N. M., \$59,236.22.
  - (D) W. E. Orr, P. O. Box 1150, Prescott, Ariz., \$59,801.18.
  - (E) Southern California Roads Co., Los Angeles, \$60,966.69.
  - (F) Heuser & Garnett, Glendale, \$63,384.72.
  - (G) Martin Bros. Truck Co., Long Beach, \$65,008.30.
  - (H) Pearson & Dickerson, P. O. Box 471, Prescott, \$66,096.97.
  - (I) Tanner Const. Co., Phoenix, \$66,426.83.
  - (J) Ken Hodgman Contr., Flagstaff, \$67,762.02.
  - (K) Lewis Bros., Phoenix, \$84,449.11.
- Unit prices follow:
- |     | (1)  | (2)  | (3)    | (4)    | (5)    | (6)    | (7)    |
|-----|------|------|--------|--------|--------|--------|--------|
| (A) | \$40 | \$60 | \$3.00 | \$2.50 | \$0.88 | \$2.00 | \$5.50 |
| (B) | 50   | 69   | 3.00   | 3.00   | 0.69   | 1.50   | 5.00   |
| (C) | 55   | 58   | 3.50   | 3.50   | 0.85   | 3.00   | 5.5    |
| (D) | 57   | 61   | 3.00   | 3.75   | 0.825  | 3.00   | 61     |
| (E) | 45   | 65   | 4.50   | 3.00   | 0.8    | 3.00   | 5.0    |
| (F) | 50   | 68   | 4.00   | 3.50   | 0.85   | 2.50   | 67     |
| (G) | 57   | 75   | 3.50   | 3.00   | 0.725  | 4.00   | 75     |
| (H) | 58   | 70   | 4.50   | 2.75   | 0.84   | 3.00   | 75     |
| (I) | 45   | 72   | 5.00   | 3.00   | 0.9    | 2.25   | 69     |
| (J) | 55   | 75   | 4.00   | 4.00   | 0.85   | 3.00   | 75     |
| (K) | 70   | 109  | 4.00   | 4.00   | 0.8    | 3.00   | 100    |

#### BIDS OPENED

**SEQUOIA NATIONAL PARK, Tulare County, Calif.**—Regal Oil Co., 2305 Orange Ave., Long Beach, at \$25,045 submitted low bid to the Superintendent of Sequoia National Park for road oil furnished and spread in the Death Valley National Monument. Proposed work involves: 170,000 gals. SC-2 on highway from Ryan Junction to Dante's View, approx. 26 miles; balance of approx. 230,000 gals. SC-2 to be spread on short sections as required in various parts of Death Valley Monument, with a probable average haul of from 50 to 60 miles from Death Valley Junction over oiled roads; 50,000 gals. RC-1 to be used as a seal coating and used on various sections of Death Valley National Monument; the average probable haul being approx. 60 to 65 miles from Death Valley Junction.

Total bids follow:

Paulsen & March, Inc.	\$25,110
Petrol Corporation	25,150
Gilmore Oil Company	27,720
Offields Trucking Co.	28,420

#### COMPLETE BIDS

**TRINITY CO., Calif.**—Ernest E. Smith, Eureka, at \$8,595.00, submit-

ted low bid to F. W. Haselwood, District Engineer, State Division of Highways, Redding, for surfacing with road-mix surfacing about 8.5 miles between Helena and Big Bar (H-I-Tr-20-E), Trinity Co.

Work involves:  
(1) 2,500 cu. yd. mineral aggregate;  
(2) 145 tons liquid asphalt, ROMC-3.

Total bids follow:  
(A) Ernest E. Smith, Eureka \$8,595.00  
(B) Garcia Constr. Co., Irvington \$9,080.00  
(C) McFenolds Trucking Co., Oakland 9,646.00  
(D) Tieslau Bros., Berkeley, 9,841.50  
(E) Pacific Truck Service, Inc., San Jose 10,011.00  
(F) Geo. French, Jr., Stockton 11,240.00  
(G) Helwig Constr. Co., Sebastopol 11,540.00  
(H) Lee J. Immel, Berkeley, 13,325.00

Unit prices follow:

	(1)	(2)
(A)	\$1.60	\$35.00
(B)	2.15	30.00
(C)	2.17	33.60
(D)	2.45	30.70
(E)	1.98	39.00
(F)	3.00	32.00
(G)	3.40	28.00
(H)	3.75	35.00

#### CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—Independent Constr. Co., Ltd., 46th Ave. and Clement St., Oakland, at \$27,273.75, submitted low bid and was awarded contract by Richmond City Council, City Hall, for 1.32 miles of street improvements on MacDonald Avenue, between 23rd Street and San Pablo Ave. Est. cost, \$32,000.

Work involves:  
(1) 300 tons Type A asphalt concrete;  
(2) 300 tons Type B do.;  
(3) 315 tons Type C do.;  
(4) 350 cu. yd. cement concrete pave.;  
(5) 2,550 sq. ft. planing exist. pave.;  
(6) 1800 sq. ft. wearing surface removed;  
(7) 500 sq. ft. cement concrete sidewalk;  
(8) 600 sq. ft. concrete cement gutters;  
(9) 129 lf. cement concrete curbs;  
(10) 50 sq. ft. Portland cement concrete open drain;  
(11) 1600 sq. ft. removal of asphalt pavement account of drains;  
(12) 66 ft. drain tiles;  
(13) 1 complete culvert;  
(14) 2 complete culverts;  
(15) 3 complete culverts;  
(16) 28 manholes to be raised;  
(17) 3 lamp posts.

Total bids follow:  
(A) Independent Constr. Co., Ltd., 46th Ave. and Clement St., Oakland—\$27,273.75.  
(B) W. H. Larsen, Oakland—\$27,455.50  
(C) Jones & King, Hayward—\$27,985.50  
(D) Union Paving Co., San Francisco—\$28,380.50

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ 4.00	\$ 4.00	\$ 3.64	\$ 4.00
(2)	4.00	4.10	3.64	4.50
(3)	4.25	4.50	3.64	5.00
(4)	12.00	14.00	17.50	12.50
(5)	.012	.008	.0125	.011
(6)	10	.08	.09	.15
(7)	20	15	20	35
(8)	30	25	30	40
(9)	50	40	75	70
(10)	50	50	30	40
(11)	62	63	64	65
(12)	50	1.00	75	1.00
(13)	1600.00	1950.00	2500.00	1500.00
(14)	65.00	770.00	1025.00	600.00
(15)	500.00	650.00	100.00	500.00
(16)	5.00	15.00	20.00	10.00
(17)	4.00	5.00	12.00	5.00

#### BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Until Aug 20 2 P. M. bids will be received by the Board of Public

Building Construction, Walter F. Dexter, Chairman of the Board, 604 S. Tamarind St., Compton, in the office of the Supt. of Schools, for the playground surfacing at the Compton Elementary Schools, Compton City School District, in accordance with specifications prepared by J. H. Park, Supervising Engineer. Specifications may be examined at 311 California State Bldg., Los Angeles, and at the office of the Superintendent of Schools, 604 S. Tamarind St., Compton.

#### BIDS WANTED

MERCED COUNTY, Calif.—Until Sept. 8, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.5 miles armor coat to be applied to the existing pavement and borders between Los Banos and 10.5 miles east, Merced County.

Work involves:  
(1) 10 cu. yd. remove existing concrete;  
(2) 552 sta. reshaping shoulders;  
(3) 20 cu. tons min. aggregate, plant-mix surface;  
(4) 116 tons liquid asphalt MC-5 or MC-extra heavy plant mix surf.  
(5) 6,770 tons screenings armor coat and seal coat;  
(6) 535 tons asphaltic emulsion armor coat and seal coat;  
(7) 203 tons liquid asphalt, SC-1A or SC-2 penetration oil treatment and prime coat.

Plans and specifications may be obtained from the above office.

#### COMPLETE BIDS

PLACER CO., Calif.—Granite Construction Co., Ltd., Bin No. 9, Watsonville, at \$10,508.00, submitted low bid to C. H. Whitmore, District Engineer, State Division of Highways, 703 B St., Marysville, for applying seal coat to 15.7 miles highway between Auburn and Colfax, Placer Co.

Work involves:  
(1) 175 tons liquid asphalt, 90-95, in place;  
(2) 2,100 tons screenings in place.

Total bids follow:  
(A) Granite Constr. Co., Ltd., Bin No. 9, Watsonville—\$10,808.00  
(B) Hemstreet & Bell, Marysville—\$10,850.00  
(C) Garcia Constr. Co., Irvington—\$10,850.00  
(D) E. A. Forde, San Anselmo—\$11,422.50  
(E) Fredrickson & Westbrook, Lower Lake—\$11,319.00  
(F) Heafy-Moore and E. F. Hilliard, Sacramento—\$11,383.75  
(G) Hayward Bldg. Mat. Co., Hayward—\$11,602.50  
(H) Louis Biasotti & Son, Stockton \$12,425.00

Unit prices follow:

	(1)	(2)
(A)	\$20.00	\$3.48
(B)	23.00	3.25
(C)	17.00	3.75
(D)	17.90	3.50
(E)	18.00	3.69
(F)	21.25	3.65
(G)	19.50	3.90
(H)	23.00	4.00

#### RECOMMENDED FOR AWARD

STOCKTON, San Joaquin Co., Cal.—George French, Jr., P. O. Box 107, Stockton, at \$10,450.90 submitted low bid to and was recommended for award by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, Stockton, for the improvement of Hunter Street from the north line of Miner Avenue to the south line of Hedden Way.

Work involves:  
(1) 229,560 sq. ft. existing pavement scarified and reshaped;  
(2) 702 tons of rock screening binder material;  
(3) 34 tons road oil, prime coating

base;  
(4) 1054 tons rock screening wearing surface;  
(5) 53 tons bituminous surface armor coat wearing surface;  
(6) 32 manhole frames and covers to be raised or lowered.

Total bids follow:  
(A) George French, Jr., P. O. Box 107, Stockton, \$10,450.90.  
(B) Elmer J. Warner, Stockton, \$11,517.20.  
(C) Heafy-Moore Co., Oakland, \$11,629.91.  
(D) Louis Biasotti & Son, Stockton, \$12,491.30.  
(E) S. M. McGaw, Stockton, \$12,493.81.  
(F) M.J.B. Const. Co., Stockton, \$12,887.95.

Unit prices follow:  
(A) (B) (C) (D) (E) (F)  
(1) \$ 0.150 \$ 0.250 \$ 0.2 \$ 0.2 \$ 0.2 \$ 0.225  
(2) 3.00 2.40 2.95 3.30 3.50 3.20  
(3) 15.00 15.00 17.50 15.00 17.00 17.00  
(4) 3.00 2.35 2.95 3.25 3.40 3.30  
(5) 20.00 17.00 21.00 21.00 22.00  
(6) 5.00 6.00 10.00 15.00 5.00 7.70

#### 30—RESERVOIRS & DAMS

##### FUND ALLOTMENTS

WASHINGTON, D. C.—The President has approved the following allotments from the War Department Civil Appropriation Act of July 19, 1937, for flood control work on projects authorized in the flood control act of June 22, 1936:

	Regular Funds	Relief Funds
New Mexico	\$4,000,000	\$1,000,000
Concha Reservoir, L. A. Co. Flood Control, Calif.	5,000,000	6,478,000
Santa Ana River, Cal. (design only)	250,000	
Columbia River Basin, Ore., Levee Construction, Wash.	1,094,883	403,153
Umatilla River, Wash., Levee Constr.	190,000	30,000
Stilaguish River, Wash. Levee Constr.	134,000	86,000
Puyallup River, Wash. (design only)	200,000	
Cowlitz River Basin, Wash. Levee Constr.	138,748	75,642
Lewis River Basin, Wash. Levee Constr.	138,695	76,080
Willamette River Basin, Wash. Levee Constr.	520,000	275,940
Glasgow, Mont., on Milk River	12,900	12,900
Forsyth, Mont., on Yellowstone River	40,000	40,000
Saco, Mont., on Beaver Creek	13,400	13,400

#### BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until August 20, 8 p.m., bids will be received by the Eureka City Council, J. C. Barkdull, City Clerk, City Hall, Eureka, for the clearing of the reservoir site formed by the construction of the Mad River Dam in Section 10, T.5-N. R.2-E, Humboldt Base and Meridian.

Plans and specifications may be obtained at the above office.

#### CONTRACTS AWARDED

SUN RIVER PROJECT, Montana.—Lakeside Bridge & Steel Co., Milwaukee, Wis., at \$10,369 (Item 1) and Valley Iron Works, Yakima, Wash., at \$6,883 (Item 2), were awarded contracts by the U. S. Bureau of Reclamation, Denver, Colorado, under Spec. 949, for (1) six radial gates; and (2) six hoists for installation in Gibson Dam, Sun River Project, Montana. 70

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**TUCSON, Pima Co., Ariz.**—Until Aug. 18, 4 p. m., bids will be received by the Tucson city council, R. E. Butler, City Mgr., for water pipe and fittings, f.o.b. Tucson, as follows:

**SECTION 1**

Cast-Iron Water Pipe  
Fed Spv. W.W.-421 B&S class  
150 open bell, not lined,  
3,600 ft of 6-in. 18-ft lengths.

**SECTION 2**

Cast-Iron Waterworks Specials  
A W W A Spec, open bell, not lined.  
14 4x6-in. crosses, all bells.  
56-8-in. plugs.

Bidders must state date of delivery and bid on each section separately.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Aug. 26, 2 p. m., bids will be received by Los Angeles Water & Power Purchasing Agent for furnishing C I pipe or Transite Asbestos-Cement water pipe f.o.b. trucks, Dept's Pipe Yard, Vesper and Aetna Sts., Van Nuys. Spec. X-106.

**Work involves:**

- (1) 11,500 ft. 4-in. I D class 250 CI pipe, wall thickness 0.38 in.;
- (2) 350 ft. 6-in. I D class 250, C I pipe, wall thickness 0.43 in.

**PROPOSAL "B"**

- (1) 11,500 ft. 4-in. I D class 200 CI pipe, wall thickness 0.36 in.;
- (2) 3500 ft. 6-in. ID class 200 CI pipe, wall thickness 0.40 in.

**PROPOSAL "C"**

- (1) 11,500 ft. 4-in. ID class 200 Transite Asbestos-Cement pipe, wall thickness 0.60 in.;
- (2) 3500 ft. 6-in. same, wall thickness 0.75 in.;
- (3) 150 4-in. CI adaptors for Transite Asbestos-Cement pipe;
- (4) 40 6-in. same;
- (5) 150 4-in. CI clamps for Transite Asbestos-Cement pipe;
- All (3) 150 4-in. bronze clamps for Transite Asbestos-Cement pipe;
- (6) 90 6-in. CI clamps for Transite Asbestos-Cement pipe;
- All (6) 20 6-in. bronze clamps for Transite Asbestos-Cement pipe;

Option: 6 months, to purchase the following:  
(a) 4-in. rubber gaskets for Simplex couplings;  
(b) 6-in. rubber gaskets for Simplex couplings;  
(c) 4-in. Simplex couplings;  
(d) 6-in. Simplex couplings;  
(e) 4-in. CI adaptors;  
(f) 6-in. CI adaptors;  
(g) 4-in. CI clamps;  
(h) 6-in. CI clamps;  
(i) 4-in. bronze clamps;  
(j) 6-in. bronze clamps.  
Bids to state lengths and type of end.

**LOW BIDDER**

**SAN FRANCISCO, Calif.**—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$70,010.46, submitted the low bid to the San Francisco Bay Exposition Co., 585 Bush St., for the construction of the first unit of the high pressure water system on Yerba Buena Shoals.

**Work involves:**

- (1) 9,835 lf. 60-in. dia. 10-ga. welded steel pipe;
- (2) 9,330 lf. 12-in. dia. 12-ga. do.;
- (3) 6,630 lf. 10-in. dia. do.;
- (4) 2,700 lf. 8-in. dia. 14-ga. do.;
- (5) 2,308 lf. 6-in. dia. do.;
- (6) 385 lf. 4-in. dia. 16-ga. for blow offs and drains;
- (7) 2 16-in. gate valves with spur gearing;
- (8) 16 12-in. gate valves;
- (9) 37 10-in. gate valves;

- (10) 3 8-in. gate valves;
- (11) 2 4-in. gate valves;
- (12) 400 lf. corrug. metal conduit;
- (13) 30 wharf hydrants;
- (14) Lump sum, separate proposition on felt wrapping of all steel pipe.

**CONTRACT AWARDED**

**YOUNTVILLE, Napa Co., Calif.**—Western Pipe & Steel Co. of Calif., 44 Market St., San Francisco, at \$25,600, was awarded contract by the Department of Public Works, Geo. B. McDougall, State Architect, Public Works Building, Sacramento, for 18,688 ft. more or less of 8-inch 10-gauge O.D. steel pipe, dipped and wrapped and miscellaneous valves, fittings, river and creek crossings, etc., to be laid from the Napa State Farm to the Domestic Water Reservoir at Veterans' Home, Yountville.

**BIDS OPENED**

**SAN FRANCISCO**—San Francisco Water Department, 425 Mason St., at \$175,750, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 151 for the laying of 2-, 6- and 8-in. cast-iron mains in Greenwich, 22nd and Arkansas Streets, and in Harwood Alley.

**Work involves:**

- (1) 7,060 lf. excav. and backfill for 8-in., 6-in., and 2-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 90 cy additional excav. and backfill;
- (3) 40 sq. ft. additional pavement removal and replacement;
- (4) (a) 270 lf. of 8-in. bell and spigot cast iron pipe;
- (b) 320 lf. of 6-in. bell and spigot cast iron pipe;
- (c) 470 lf. of 2-in. bell and spigot cast iron pipe;
- (5) 3,700 lbs. installing of fittings, valves, etc.;
- (6) 180 lf. making joints for pipe and fittings;
- (7) 1,300 sq. ft. repavement.

**Total bids follow:**

(A) San Francisco Water Dept., 425 Mason St., San Francisco—\$1,710	(B) Lowrie Paving Co.—\$2,006.50.		
(C) E. J. Treacy—\$2,458.20.			
Unit prices follow:			
(1)	(A)	(B)	(C)
(2)	\$1.00	\$1.20	\$1.70
(3)	40	30	40
(4)	13	10	10
(4b)	10	10	05
(4c)	08	05	06
(5)	03	04	03
(6)	10	50	35
(7)	26	30	25

**CONTRACT AWARDED**

**BOULDER CANYON PROJECT**—Consolidated Steel Corp., Los Angeles, at \$47,721, was awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. 951-D, for two plate-steel turbine inlet pipes for installation in the Boulder power plant. The pipes will be installed by the Government.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**SUB-BIDS WANTED**

**SAN FRANCISCO**—Anderson and Ringrose, 320 Market street, are figuring plans and desire sub-bids on or before August 18, 9 A. M., for all portions of the work for the construction of the Richmond Sunset Sewage Treatment Plant, for which bids will be opened August 18, 2:30 P. M. by the Department of Public Works, Room 251, City Hall.

**BIDS WANTED**

**SOUTH SAN FRANCISCO, San Mateo Co., Calif.**—Until Sept. 7, 8

P. M., bids will be received by the South San Francisco City Council, for the construction of a storm sewer in Linden and Grand Avenue.

**Work involves:**

- (1) 148 lf. 12-in. reinforced concrete pipe storm sewer;
  - (2) 670 lf. 15-in. do.;
  - (3) 654 lf. 21-in. do.;
  - (4) 676 lf. 24-in. do.;
  - (5) 544 lf. 30-in. do.;
  - (6) 64 cy. concrete collar around 30-in. storm sewer;
  - (7) 9 manholes;
  - (8) 2 catchbasins;
  - (9) 2 special catchbasins;
  - (10) 3390 sq. ft. reinf. concrete gutters;
  - (11) 725 sq. ft. reinforced concrete sidewalk;
  - (12) 2250 sq. ft. reinforced pavement;
  - (12) 2250 sq. ft. reinforced concrete pavement;
  - (13) 3350 sq. ft. replacing concrete gutter;
  - (14) 725 sq. ft. replacing concrete sidewalk;
  - (15) 2250 sq. ft. replacing pavement.
- Plans and specifications may be obtained at the office of the City Engineer, George Kneese, 2382 Broadway, Redwood City, upon the deposit of \$7.50.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$1,314, submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, for the construction of a sewer in Kirkwood Avenue, between Phelps and Quint Streets. Estimated cost, \$1370.

**Work involves:**

- (1) 550 lf. 12-in. VCP sewer, in place;
- (2) 45 lf. 12-in. x 6-in. Y branches, in place;
- (3) 2 brick manholes, complete.

**Total bids follow:**

(A) Eaton & Smith, 715 Ocean Ave., S. F. ....	\$1,314.00
(B) Chris Panacci .....	1,525.52
(C) Pay Improvement Co. ....	1,525.40
(D) E. J. Treacy .....	1,395.20
(E) Chas. L. Harney .....	1,601.00
(F) M. Bertolino .....	2,084.00

**Unit prices follow:**

	(1)	(2)	(3)
(A) .....	\$1.90	\$1.50	\$70.00
(B) .....	1.62	2.00	\$2.10
(C) .....	2.22	1.50	93.50
(D) .....	2.24	2.00	100.00
(E) .....	2.25	2.00	100.00
(F) .....	3.00	3.00	100.00

**BIDS WANTED**

**LOS ANGELES, CALIF.**—Until September 1, 3:30 P. M., bids will be recd. by County Sanitation Dist. No. 2, 4th floor, Times-Mirror Bldg., 110 S. Broadway, for furnishing equipment for the Joint Sewage Disposal Plant, at Harbor City, bids to be f.o.b. plant. Bidders may submit bids on any or all of the following items, and may offer two or more alternates under any one item. It is, however, proposed to purchase one gas engine with generator and exciter, one generator and exciter, one voltage regulator, one sewage pump without motor, and one sewage pump with motor.

- (1) One gas engine generator set consisting of one internal combustion multi-cylinder gas engine, using as fuel the gas from digesting sewage solids and one 3-phase, 50-cycle, 219 KVA, 175 KW engine type generator and exciter mounted on the engine shaft also for supervising the installation of said equipment.
- (2) One 3-phase, 50-cy., 156 KVA 125 KW generator with direct connected exciter to be connected to an existing gas engine, also for supervising the installation of gas generator and exciter and its connection to the gas engine.
- (3) One voltage regulator for two

MARE ISLAND—DRYDOCK—(Govt.)

MARE ISLAND, Calif.—Geo. Pollock Co., P.O. Box 903, Sacramento, at \$2,790,875 (item 1) and \$2,636,975 (item 2), \$2,790,875 (item 3), \$2,636,875 (item 4), \$155,000 (item 5) and \$155,000 (item 6), submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D.C., under Spec. No. 8258, for the construction of a concrete drydock on wood piles, including quay walls at the entrance to dock, crane tracks, pump well, capstan and bollard foundations, manholes, culverts, drain piping, railings, wood floor and dock fittings. The work includes dredging, berthing, earthwork, removal of existing work and protection of adjacent structures. Est. cost, \$3,500,000.

The dock, of reinforced concrete construction, on pile foundations, will be located south of Cradle No. 2 at Mare Island, and will be 700 ft. long, 114 feet wide and 40 ft. over all in depth. It will be of the cruiser type, capable of docking ships of the 10,000-ton cruiser class.

Work involves:

- (1) For entire job;
- (2) For all work covered by Alternate A.

ALTERNATE "A": All work on dock proper, omitting structures and portions of structures outside of lines of dock proper. Omits construction of crane track foundations; manholes and duct lines outside lines of dock proper, including manholes and duct lines within quay walls; all track

material except the anchor bolts on dock proper; backfill above elevation of 104; and fill on the quay walls above elevation of 104.5; and grading behind dock and quay walls.

- (3) Entire work based on Alternate "B";

ALTERNATE "B": Government to stand the cost of increased labor charges, providing bid does not exceed \$100,000.

- (4) For all work covered by Alternate "B";
- (5) Deduction from Items 1 and 2, if piling for main dock be driven in wet (through water);
- (6) Deduction from Items 3 and 4, if piling for main dock be driven in wet (through water).

Total bids follow:

- (A) George Pollock Co., P.O. Box 903, Sacramento.
- (B) Pacific Bridge Co., San Francisco.
- (C) Siems-Helmets, Inc., and Johnson, Drake, Piper, Inc., Minneapolis, Minn.
- (D) Utah Constr. Co., San Francisco.
- (E) San Francisco Bridge Co., San Francisco.
- (F) Metropolitan Constr. Co., Los Angeles.
- (G) Warner Constr. Co., Chicago, Ill.
- (H) American Concrete & Steel Pipe Co., Case Constr. Co., L. E. Dixon Co., Missouri Valley Bridge & Iron Co., and Winston Bros., San Francisco.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$2,790,875	\$2,636,975	\$2,790,875	\$2,636,875	\$155,000	\$155,000
(B)	2,983,000	2,783,000	25,000	.....	.....	.....
(C)	3,044,000	2,794,000	3,041,000	2,791,000	.....	.....
(D)	3,395,000	3,160,000	.....	.....	.....	.....
(E)	.....	4,000,000	.....	.....	.....	.....
(F)	3,440,000	3,240,000	3,440,000	3,240,000	60,000	60,000
(G)	3,410,000	3,168,000	3,410,000	3,168,000	60,000	60,000
(H)	4,711,000	4,432,600	.....	.....	.....	.....

All under Item 4, \$3,140,000. This alternate was their own, not in the specifications.

- (9) 81,300 gals. road oil, SC-2;
- (10) 11,800 tons plant mix, inc. haul;
- (11) 560 tons road oil, 90-95;
- (12) 5.8 miles placing plant mix;
- (13) 150 tons screenings (oil coat);
- (14) 1,700 sq. yds. placing intersections;
- (15) 1,000 tons stockpiling plant mix;
- (16) 50 tons cutback asph. MC-2.

Total bids follow:

- (A) Pearson & Dickerson Contrs. Inc. Tilton Bldg., Prescott, \$87,963.84.
- (B) Tanner Const. Co., Phoenix, \$88,215.47.
- (C) Southern Calif. Roads Co., Los Angeles, \$90,872.78.
- (D) W. E. Hall Co., Phoenix, \$92,166.97.
- (E) J. A. Casson, Phoenix, \$100,576.86.
- (F) Heuser & Garnett, Glendale: \$104,287.55.
- (G) Phoenix-Tempe Stone Co., Phoenix, \$106,929.38.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 0.40	\$ 0.20	\$ 0.40	\$ 0.28	\$ 0.50	\$ 0.50	\$ 0.30
(2)	.....	.13	.12	.16	.15	.17	.16
(3)	.....	.18	.12	.15	.20	.18	.25
(4)	.....	.33	.27	.35	.28	.20	.35
(5)	.....	.37	.35	.30	.48	.45	.50
(6)	.....	.81	.70	.60	.72	.60	.85
(7)	.....	2.20	2.50	4.00	2.50	3.50	4.00
(8)	.....	3.50	3.00	3.00	3.00	3.00	3.25
(9)	.....	0.0825	0.085	0.08	0.75	0.08	0.69
(10)	.....	1.50	1.80	1.80	1.75	2.10	2.00
(11)	.....	25.00	24.00	26.00	23.00	25.00	28.00
(12)	.....	250.00	300.00	350.00	550.00	300.00	300.00
(13)	.....	3.00	5.00	4.50	4.00	6.00	3.25
(14)	.....	.20	.30	.15	.50	.12	.20
(15)	.....	3.50	2.00	1.80	1.75	2.00	2.50
(16)	.....	20.00	22.00	28.00	28.00	25.00	27.00

219 KVA, 3-phase 50-cycle generators for unit excitation similar, or equal, to G. E. Type T-A; also for supervising the installation of said equipment.

(4) One raw sewage pump (without motor) of not less than 10,000 G. P. M. capacity at 8.5 ft. total dynamic head, together with suitable connection to, and mounting for an existing 50 H. P. motor; also for supervising the installation of said equipment.

(5) One raw sewage pump of not less than 10,000 G P M capacity at 8.5 ft. total dynamic head with a 30 HP, 3-phase, 50-cycle, 440-volt, 50 de. C, 6 or more poles, wound rotor motor with motor control and complete V-belt, or similar drive, connecting the pump and motor; also for supervising the installation of said equipment.

Plans and specifications may be obtained from the office of the Chief Engineer and General Manager of the District, A. K. Warren, 4th Floor, Times-Mirror Building, L. A. Certified or cashier's check or surety company bond for 10 per cent to accompany each bid. A. S. Soule, secretary.

LOW BIDDER

BREMERTON, Kitsap Co., Wash.—Macri & Co., 511 21st N. Street, Seattle, at \$34,116, submitted low bid to Cliff Casad, city engineer, Bremerton, for storm sewers, West Bremerton.

Work involves:

- (1) 3190 ft. 42-in. reinf. concr. pipe;
- (2) 130 ft. 24-in. concr. sewer pipe;
- (3) 7 manholes;
- (4) 1 storm overflow.

CONTRACT AWARDED

FRESNO, Calif.—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, at \$28,869.44, submitted low bid and was awarded the contract by the Fresno City Commission for construction of sewers for Montpelier Terrace, Cava Terrace, Terrace Gardens No. 3, Willatera Terrace and Normandie Terrace, under 1911 Act.

Work involves:

- (1) 1,277 lf. 12-in. electrified or concrete sewer pipe;
- (2) 1,989 lf. 8-in. vitrified sewer pipe;
- (3) 10,852 lf. 6-in. do.
- (4) 44 concrete manholes;
- (5) 1 iron manhole.

Total bids follow:

Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, .....	\$28,869.44
W. J. Tehin, Oakland, .....	29,325.60
John Restani, .....	29,810.40
Underground Constr. Co., Berkeley, .....	42,565.60

SUB-BIDS WANTED

SAN FRANCISCO.—Barrett & Hily 918 Harrison St., are figuring plans and desire sub-bids on all portions of the work for the construction of Richmond-Sunset Sewage Treatment Plant, for which bids will be opened August 18, 2:30 P. M., by the Department of Public Works, Room 251, City Hall.

SUB BIDS WANTED

SAN FRANCISCO.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, is figuring plans and desires sub bids on all portions of the work for the construction of the Richmond-Sunset Sewage Treatment Plant, for which bids will be opened August 18, 2:30 p.m., by the Department of Public Works, Room 251, City Hall.

CONTRACT AWARDED

FRESNO, Calif.—Stewart & Nuss, Inc., 410 Thorne Ave., Fresno, at \$3,110, submitted low bid and was awarded contract by the Fresno City Commission, H. S. Foster, City Clerk, for the construction of sewers in Rose Court, Madren Park No. 2,

**Fresno Heights Homestead Tract.**  
 Total bids follow:  
 Stewart & Nuss, Inc., 410  
 Thorne Ave., Fresno.....\$3,110.00  
 W. J. Tobin, Oakland.....3,200.00  
 John Jurkovich, Fresno.....4,305.00  
 Underground Construction  
 Co., Berkeley.....5,248.50

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—Sutalo & Ramljak, 476 Camulos St., Los Angeles, at \$18,472, was awarded contract by the Los Angeles Board of Public Works for the construction of sanitary sewers in the Terminal Way and S. Seaside Ave. Sewer District, Terminal Island, PWA Project No. 5633, Unit 6. The work involves 4096.39 lf. of 15-inch vitrified clay pipe sewer including structures, 4 inches of rock mattress, concrete reinforcement, re-surfacing and all appurtenances. Estimated cost, \$20,539.

**33— WATER WORKS**

**BIDS OPENED**  
**PASCO, Franklin Co., Wash.**—Chicago Bridge & Iron Works, 116 New Montgomery St., San Francisco, at \$32,685 (Item 1), and \$35,120 (Item 2), submitted low bid to the Pasco Water Department, D. W. McGehee, City Water Manager, for 500,000 gal. water tank, (1) 70 ft. 8 in. high; (2) 95 ft. high.  
 Total bids follow:  
 Chicago Bridge & Iron Works, 116 New Montgomery St., San Francisco  
 —(1) \$32,685; (2) \$35,120.  
 Pittsburgh-Des Moines Steel Co., Seattle—(1) \$34,436; (2) \$36,968.  
 MacRae Bros., Seattle—(1) \$46,047; (2) \$35,128.

**BIDS WANTED**  
**SAN JOAQUIN CO., Calif.**—Until August 21, 2 p. m., bids will be received by the Reclamation District No. 551, W. P. Dwyer, Jr., Secretary, at the Office of the District in the Pumpouse on Snodgrass Slough, for the construction of a pumping plant to pump drainage water from the district.  
 The bidder is required to name a unit price per lin. ft. of piling if piling of a greater length than that shown on the plans are required. The amount for pile extension is not to be taken into consideration in determining the low bid.  
 Plans and specifications may be obtained at the office of Ohm & Raab, 109 E. Weber Ave., Stockton, Calif.

**BIDS WANTED**  
**OWYHEE PROJECT, Ore.-Idaho.**—Until Sept. 2, 10:00 A. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 963-D, for the construction of Succor Creek pumping plant and penstock and discharge pipe, South Canal lateral 5.7-6-0.7, Succor Creek division, Owyhee Project, Oregon-Idaho.  
 Work involves:  
 (1) 4,500 c.y. excavation of trenches for concrete pipe;  
 (2) 350 c.y. excavation for struc.;  
 (3) 4,650 c.y. backfill;  
 (4) 120 c.y. concrete in structures;  
 (5) 20 sq. yds. dry-rock paving;  
 (6) placing 11,100 lbs. reinf. bars and fabric;  
 (7) laying 3,372 lf. of 24- and 30-in. dia. precast lock-joint concrete pipe;  
 (8) installing 20,000 pounds of machinery;  
 (9) installing 9,100 lbs. of plate-steel pipe;  
 (10) installing 1,250 lbs. of gates and miscellaneous metal work;  
 (11) installing doors, windows and roofing.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**  
**CENTRAL VALLEY PROJ., Calif.**—Until August 31, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, under Spec. No. 964-D, for the construction of a circular steel water tank having a capacity of 150,000 gallons, at Government Camp at Kennett Dam, Central Valley Project, Calif.  
 Plans and specifications may be obtained from the above office.

**BIDS OPENED**  
**LOS ANGELES, Cal.**—The following submitted bids to the Los Angeles Water & Power Purchasing Agent for gate valves, iron body, bronze trimmed, non-rising stem, working water pressure of 175 lbs. per sq. in. Spec. 2386; fob shipping point and/or warehouse.  
 Work involves:  
 (1) 50 only, 4-in. hub end solid wedge  
 (2) 200 only, 6-in. do; do  
 (3) 100 only 6-in. screw end, solid

wedge;  
 (4) 25 only, inch flanged end, double disc.  
 Total bids follow:  
 Iowa Valve Co.: (1) (2) (3) no bids; (4) \$80; fob shipping point, Alt. \$94 fob warehouse; option "no." Comb. award disc. "no."; 28 days; net.  
 Rensselaer Valve Co.: (1) (2) and (3) no bids; (4) \$90.10 and \$107.10; option "no."; 45 days; 2% 30 days.  
 Rich Mfg. Co.: fob warehouse: (1) \$14.85; (2) \$24.75; (3) \$25.65; (4) \$91.80; option "accepted"; combined award disc., 15%; begin immediately; complete in 45 days; 2% 30 days.  
 Florence Pipe, Foundry & Machine Co.: (4) \$107.10 fob warehouse; option "granted"; combined award discount, "no."; 45 to 60 days; 2% 20 da.  
 Viking Automatic Sprinkler Co.: (1) \$9.515; (2) \$13.128; (3) \$12.762; (4) \$71.21; option "granted"; comb. award discount, "no."; 45 days; contingent upon receiving award of items 1 to 4 inc.; 2% 30 days. Ohio Injector valves. Alt. fob warehouse:

**MONO COUNTY—Surfacing—(State)**

**MONO CO., Calif.**—Oswald Bros., 360 E. 58th St., Los Angeles, at \$44,448, submitted a low bid to C. H. Ehrlich, State Highway Engineer, Public Works Bldg., Sacramento, for applying imported surfacing material and road mixed surface treatment to 9 miles between Mammoth Lake and Route 23, near Casa Diablo Hot Springs.  
 Work involves:  
 (1) 700 M. gals. water;  
 (2) 7,600 c.y. imported borrow;  
 (3) 477 sta. finishing rdwy.;  
 (4) 37 tons liquid asph., SC-2 (prime coat and penetration treatment);  
 (5) 15,400 c.y. imported surf. material;

(6) 975 tons liq. asph., SC-3 (road-mix surf. treatment);  
 (7) 902 ml. preparing, mixing and shaping roadbed.  
 Total bids follow:  
 (A) Oswald Bros., 366 E. 58th St., Los Angeles.....\$44,448.00  
 (B) J. A. Casson, Hayward.....15,450.50  
 (C) Basich Bros., Torrance.....55,336.50  
 (D) Stewart & Nuss, Inc., and Oilfields Trucking Co., Fresno ..... 58,952.50  
 (E) A. S. Vinnell Co., Alhambra ..... 61,716.00  
 (F) Peninsula Paving Co., San Francisco..... 67,749.00  
 (G) Isbell Constr. Co., Reno. 79,575.00  
 Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 2.00	\$ 1.50	\$ 2.00	\$ 6.00	\$ 3.00	\$ 2.50	\$ 2.50
(2)	60	75	80	135	70	105	100
(3)	400	5.50	13.50	5.50	25.00	14.00	25.00
(4)	20.00	25.00	25.00	18.00	20.00	25.00	20.00
(5)	75	85	100	135	113	105	160
(6)	19.00	24.00	19.00	18.00	17.50	29.00	22.00
(7)	750.00	600.00	850.00	650.00	950.00	800.00	1000.00

**DISCHARGE GUIDES—(Govt.)**

**DENVER, Colo.** -- The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 954-D, for furnishing and delivering f.o.b. cars at the shipping point and/or railroad destination, at the option of the bidder:  
 (1) Two 84-in. needle-valve discharge guides for installation in the outlet works at the Alcovia Dam, Casper-Alcovia Project, Wyoming;  
 (2) Two 42-in. needle-valve discharge guides for installation in the outlet works at the Boca Dam, Truckee Storage Project, Nev.;  
 (3) One 30-in. needle-valve discharge guide for installation in the outlet works at the Grassy Lake Dam, Upper Snake River Project, Idaho;  
 (4) Two 36-in. needle-valve discharge guides for installation in the outlet works at the Moon Lake Dam, Moon Lake Project, Utah;  
 (5) Two 48-in. needle-valve discharge guides for installation in the out-

let works at the Taylor Park Dam, Uncompagnre Project, Colorado;  
 (6) Two 54-in. needle-valve discharge guides for installation in the outlet works at the Alamogordo Dam, Carlshad Project, New Mexico;  
 (7) Two 66-in. needle-valve discharge guides for installation in the outlet works at the Bartlett Dam, Salt River Project, Arizona.  
 The needle-valve discharge guides will be installed by the Government.  
 Total bids follow:  
 (A) Valley Iron Works, Yakima, Wash.  
 (B) Koppers Co., Western Gas Div., Fort Wayne, Ind.  
 (C) Consolidated Steel Corp., Ltd., Los Angeles.  
 (D) Berkeley Steel Constr. Co., Berkeley.  
 (E) Southwest Welding & Mfg. Co., Alhambra.  
 (F) John W. Beam, Denver, Colo.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1020	\$3,837	\$5,598	\$3,100	\$8,296	\$3,100
(2)	1,336	1,336	2,457	870	1,206	1,206
(3)	355	516	625	310	355	355
(4)	875	1,217	2,204	902	902	675
(5)	1,573	3,227	1,160	1,822	1,250	1,250
(6)	1,742	3,600	1,240	2,090	2,090	2,090
(7)	2,452	6,826	2,800	5,310	5,310	5,310

Following also submitted a combined bid on Items 1-2-3-4-5-6-7:  
 Consolidated Steel Corp., Ltd., Los Angeles—\$23,595.  
 Koppers Co., Western Gas Division, Berkeley Steel Construction Co., Berkeley—\$9,985

(1) \$10.65; (2) \$15; (3) \$14.40; (4) \$79.40.

The Ohio Injector Co., bid identical with the Viking Auto. Sprinkler.

Crane Co.: (1) \$14.85; (2) \$24.75; (3) \$25.65; (4) \$107.10; alt. prices came; option "granted"; comb. award discount, none; 45 days; 2% 30 days.

**BIDS REJECTED**

**BISHOP**, Inyo Co., Calif.—Board of Trustees of the Bishop Union High School, Ray Booth, President, Bishop rejected all bids for one automatic water pump, capable of pumping 4800 gallons per hour, pump to be of suction for lift of less than 25 ft. Pressure tank to be connected with pump, same to be equipped with water glass pressure gauge, relief valve and air intake valve. Tank to be of about 500 gals. capacity. Pump and tank to operate up to 50 lbs. pressure. Bids will be re-advertised shortly.

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**

**FRESNO CO.**, Calif.—Until August 17, 10 a.m., bids will be received by the Board of Supervisors (E. Dusenberry, Clerk), Fresno County, for a fence to be constructed at the Fresno County Fairgrounds.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**J. M. LISTER**, San Benito Co., Cal.—Crow's Nurseries, S. Montgomery St., Gilroy, at \$485, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D.C., for seeding and planting the grounds of the U. S. Post Office at Hollister.

Complete bids follow:  
Crow's Nurseries, Gilroy..... \$485  
W. E. Rowe, Albertville, Ala..... 489  
California Nursery Co., Niles, Calif. .... \$1,050.08

**SAN MATEO CO.—PILARCITOS SPILLWAY—(City)**

SAN MATEO CO., Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$27,126, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 150, for reconstruction of Pilarcitos Spillway in San Mateo County.

**Work involves:**

- (1) Lump sum, removing existing timber structures;
- (2) Lump sum, removing and re-installing slide gates;
- (3) 40 c.y. removing existing masonry work;
- (4) 400 c.y. unclass. excav.;
- (5) 320 c.y. concrete for downstream portion of spillway channel;
- (6) 470 c.y. concrete for overflow weir structure;

- (7) 125 c.y. concrete for transition to existing tunnel;
- (8) 65,000 lbs. reinf. steel;
- (9) 2,800 lbs. furnishing and installing misc. metal work;
- (10) 6 pipes furnishing and installing grout pipes;
- (11) 20 sacks grouting.

Total bids follow:  
(A) W. J. Tobin, 3701 Balfour Ave., Oakland—\$27,126.

(B) Sibley Grading & Teaming Co., Ltd., San Francisco—\$29,128.50.

(C) M. J. Lynch—\$29,170.

(D) Healy-Tibbitts Construction Co.—\$32,200.

(E) E. T. Lesure, Oakland—\$33,887.

(F) Barrett & Hilt—\$34,914.

(G) Williams Bros. & Haas—\$38,413.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$600.00	\$2000.00	\$200.00	\$1000.00	\$1250.00	\$500.00	\$1907.60
(2).....	450.00	350.00	650.00	800.00	700.00	500.00	629.40
(3).....	15.00	5.00	5.00	15.00	30.00	20.00	15.72
(4).....	3.50	2.00	2.50	2.25	3.50	3.50	4.46
(5).....	23.50	22.70	31.00	21.00	27.00	30.00	26.85
(6).....	17.10	22.70	15.00	21.00	21.00	30.00	26.50
(7).....	28.00	22.70	40.00	40.00	43.20	30.00	50.00
(8).....	.065	.07	.06	.05	.07	.06	.074
(9).....	.13	.10	.40	.25	.25	.10	.44
(10).....	5.00	3.00	5.00	10.00	4.50	4.00	12.50
(11).....	20.00	8.00	5.00	5.00	7.50	3.00	2.00

**SAN FRANCISCO—Sewage Treatment Plant—(City)**

SAN FRANCISCO—Clinton Const. Co. of California, 923 Folsom St., at \$262,500 (Proposition A) and Anderson & Rowe, 45 Belcher St., at \$172,889 (Proposition B) submitted low bids to the Department of Public Works, Room 251, City Hall, San Francisco, under Spec. No. 19033, for the construction of Richmond-Sunset Sewage Treatment Plant. Estimated cost, \$482,000.

Bids will be received under three propositions, as follows:

- PROPOSITION A: Structural only;
- PROPOSITION B: Mechanical only;
- PROPOSITION C: Structural - Mechanical.

**Work involves:**

- PROPOSITION A:
  - (1) Clearing and grading;
  - (2) Comfort stations;
  - (3) Pre-treatment building;
  - (4) Mixing and sedimentation building, including sludge control house;
  - (5) Main building;
  - (6) Pavements;
  - (7) Channels.
- PROPOSITION B:
  - (1) Bar racks;
  - (2) Measuring equip. for Venturi flumes;
  - (3) Stop planks and gates;
  - (4) Grease, grit and sand removal equipment;
  - (5) Chlorinators, Chlorine piping and auxiliary equipment;
  - (6) Sedimentation and mixing tank equipment;

- (7) Sludge control hose equipment and piping;
- (8) Not included;
- (9) Not included;
- (10) Elutriation equipment and piping;
- (11) Vacuum filter equipment and appurtenances;
- (12) Sludge conveying and handling equipment;
- (13) Miscel. outdoor equipment;
- (14) Sewage and sand pumps, piping and auxiliary equipment;
- (15) Fans and ventilating equipment;
- (16) Miscel. outdoor piping;
- (17) Not included;
- (18) Tools and miscel. equip.;
- (19) Electrical equipment;
- (20) Painting.

Total bids follow:  
PROPOSITION "A"

(A) Clinton Const. Co. of California, 923 Folsom St., San Francisco, \$262,500.

(B) Eaton & Smith, \$278,600.00.

(C) Barrett & Hilt, \$294,000.00.

(D) MacDonald & Kahn Co., Ltd., \$298,892.00.

(E) Fred J. Early, Jr., and C. W. Callahan Co., \$335,515.00.

PROPOSITION "B"  
(A) Anderson & Rowe, 45 Belcher St. San Francisco, \$172,889.00.

(B) Kenny Electric Co., \$189,700.00.

(C) Fred J. Early, Jr., \$195,663.00.

(D) Herman Lawson Co., \$198,833.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 2,500.00	\$ 2,900.00	\$10,000.00	\$ 7,500.00	\$ 3,195.00
(2).....	6,500.00	10,200.00	10,000.00	10,000.00	8,260.00
(3).....	51,000.00	53,200.00	60,000.00	59,000.00	62,189.00
(4).....	39,000.00	50,700.00	60,000.00	62,000.00	79,560.00
(5).....	117,000.00	135,400.00	130,000.00	63,392.00	155,910.00
(6).....	5,500.00	4,900.00	6,000.00	5,000.00	5,623.00
(7).....	21,000.00	21,300.00	18,000.00	25,000.00	20,778.00

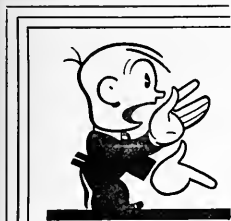
	(A)	(B)	(C)	(D)	(A)	(B)	(C)	(D)
(1).....	\$4,350	\$6,000	\$5,023	\$5,412	(11).....	2,238	22,500	26,513
(2).....	952	1,500	1,080	1,287	(12).....	8,826	10,500	9,143
(3).....	2,111	2,000	2,350	2,335	(13).....	4,015	6,000	4,725
(4).....	12,063	13,000	13,308	15,435	(14).....	14,224	15,800	15,834
(5).....	21,030	22,000	22,683	23,148	(15).....	4,159	5,400	5,569
(6).....	22,356	20,000	20,840	23,060	(16).....	7,239	16,000	8,104
(7).....	5,009	3,000	6,504	5,885	(17).....	912	1,000	1,200
(8).....	.....	.....	.....	.....	(18).....	33,936	35,000	37,492
(9).....	.....	.....	.....	.....	(19).....	695	15,000	2,925
(10).....	9,574	8,500	11,370	12,117	(20).....	695	2,000	2,600

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**CHALMER MUNDAY**  
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Bankruptcy, Mechanics' Liens,  
Builders' Contracts  
405 Montgomery St. - San Francisco

**SAN FRANCISCO—CASTRO ST. EXTENSION—(City)**

SAN FRANCISCO—Chas. L. Harney, 433 Call Bldg., at \$45,792.50 submitted low bid, Dept. of Public Works, Rm. 251, City Hall, under Spec. No. 19053, for construction of the Castro Street extension from DuBoce Ave. to Walter and Divisadero Streets. Estimated cost, \$58,000.

- Work involves:
- (1) 12,000 c.y. excavation;
  - (2) 36,000 sq. ft. 2- to 6-inch asphalt concrete pavement;
  - (3) 30,000 sq. ft. 8-in. conc. pavement;
  - (4) 30 tons asphalt concrete wearing surface;
  - (5) 1000 lf. conc. curb (unarmored);
  - (6) 430 lf. granite curb (reset);
  - (7) 13,700 sq. ft. concrete sidewalk (two-course);
  - (8) 650 c.y. concrete retaining wall;
  - (9) 52,000 lbs. reinf. steel;
  - (10) 450 lf. 12-in. VCP sewer;

- (11) 10 6x12-in. VCP Y side branches;
- (12) 300 lf. 6-in. VCP side sewer;
- (13) 70 lf. 6-in. CIP side sewer;
- (14) 250 lf. 10-in. VVCP culvert;
- (15) 3 brick manholes;
- (16) 5 brick catchbasins;
- (17) 1,700 lf. 8-in. concrete conduit;
- (18) 450 lf. 8-in. white paint traffic stripe;
- (19) 3,500 sq. ft. 6-in. concrete pavement.

Total bids follow:  
(A) Chas. L. Harney, 433 Call Bldg., San Francisco, \$45,792.50.  
(B) Eaton & Smith, \$46,137.75.  
(C) A. G. Raich, \$46,945.30.  
(D) M. J. Lynch, \$48,145.50.  
(E) Fay Improvement Co., \$49,234.40.  
(F) Sibley Grading & Teaming Co., Ltd., \$49,858.10.  
(G) E. J. Treacy, \$56,599.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ .85	\$ .80	\$ .57	\$ 1.09	\$ .988	\$ 1.4125	\$ 1.10
(2)	.24	.27	.266	.30	.20	.24	.274
(3)	.26	.32	.28	.28	.25	.28	.28
(4)	8.00	6.00	7.00	5.00	5.50	6.00	8.00
(5)	.57	.60	.57	.60	.55	.65	.90
(6)	.50	.50	.60	.40	.33	.50	1.00
(7)	.13	.12	.14	.13	.13	.14	.16
(8)	23.25	24.00	22.00	20.00	22.68	18.83	30.00
(9)	.05	.05	.055	.05	.055	.049	.053
(10)	3.40	1.75	2.80	2.50	6.48	2.38	4.00
(11)	2.50	2.00	3.34	2.00	2.00	6.00	3.00
(12)	1.70	1.00	2.00	1.00	5.00	1.98	.80
(13)	2.00	2.00	2.40	2.00	2.36	2.98	2.00
(14)	1.30	1.50	1.75	1.65	5.10	2.28	2.00
(15)	93.00	100.00	100.00	90.00	110.00	120.00	150.00
(16)	85.00	106.00	95.00	90.00	110.00	100.00	100.00
(17)	.50	.40	.60	.40	.62	.47	.65
(18)	.20	.025	.05	.10	.074	.18	.05

**SAN FRANCISCO—VIADUCT—(State)**

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$605,350, submitted low bid to the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction, in accordance with specifications to which special reference is made, of the San Francisco Viaduct of the Railway Facilities of the San Francisco-Oakland Bay Bridge.

- Work involves:
- (1) demolition and removal of bldgs. (lump sum);
  - (2) 20,000 c.y. excav. unclass.;
  - (3) 15,000 c.y. excav. for struc.;
  - (4) 50 each cutting off exist. piles;
  - (5) 45,000 lf. timber piles;
  - (6) 5,500 lf. concrete piles;
  - (7) 4,500 c.y. conc. in foundations;
  - (8) 12,500 c.y. concrete above foundations;

- (9) 1,400 c.y. concrete deck on steel spans;
- (10) 2,500 bbls. extra portland cement
- (11) 3,300,000 lbs. reinf. steel;
- (12) 100,000 lbs. misc. steel work;
- (13) 4,200 lbs. bronze expan. plates;
- (14) 100,000 lbs. pipe railing;
- (15) waterproofing deck (lump sum);
- (16) drainage (lump sum);
- (17) street work (lump sum).

Total bids follow:  
(A) Eaton & Smith, 715 Ocean Ave., San Francisco, \$605,350.00.  
(B) Bates & Rogers Const. Co., \$651,507.00.  
(C) Clinton Const. of California, \$670,854.00.  
(D) Healy-Tibbitts Const. Co., \$702,505.00.  
(E) Barrett & Hilp and A. Teichert & Son, Inc., \$712,705.00.  
(F) MacDonald & Kahn Co., Ltd., \$733,337.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$2600 00	\$3700 00	\$5900 00	\$4000 00	\$5500 00	\$20,200 00
(2)	1.18	.50	.53	.60	.65	.71
(3)	2.36	2.80	3.80	3.60	5.50	3.00
(4)	4.00	7.00	2.00	1.50	2.50	1.90
(5)	.73	.615	.58	.60	.70	.77
(6)	3.12	2.65	2.75	3.00	3.00	2.55
(7)	7.50	10.00	9.40	10.00	10.00	12.80
(8)	15.30	19.85	20.00	21.50	21.00	23.65
(9)	21.80	21.45	20.60	21.00	21.00	23.65
(10)	2.32	1.95	2.00	2.00	2.00	2.00
(11)	.05	.0458	.049	.052	.048	.045
(12)	.10	.185	.09	.19	.10	.10
(13)	.50	.51	.37	.40	.40	.71
(14)	.17	.168	.175	.17	.15	.18
(15)	7600 00	6470 00	7000 00	7500 00	6100 00	7612 00
(16)	12050 00	14400 00	17300 00	16000 00	11000 00	12307 00
(17)	4400 00	3890 00	4300 00	3500 00	5500 00	2956 00



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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows: f.o.b. Government

AUGUST 24, 2 P. M.:  
BID NO. 5096: 500 aluminum hold-ers or binders;

AUGUST 26, 2 P. M.:  
BID NO. 5095: 300 dozen pencil point-ers.

AUGUST 27, 2 P. M.:  
BID NO. 5094: 75 dozen, grade 2, scissors.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until Aug. 26, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for centrifugally cast or horizontally sand cast C I pipe, bell and spigot; Spec. X-104.

- Work involves:
- 15,000 ft. 6-in. I D C I pipe, wall thickness 0.43-in., deliv. fob truck Vesper and Aetna St. pipe yard, Van Nuys; deliv. 42 cal. days;
  - 15,000 ft. do, deliv. 49 days;
  - 20,000 ft. same, fob trucks Dept.'s Hewitt St. pipe yard, L. A.; deliv. 56 days;
  - 15,000 ft. 8-in. I D C I pipe, wall thickness 0.50-in., deliv. fob truck Dept.'s Vesper and Aetna St. pipe yard, Van Nuys; deliv. 45 days;
  - 15,000 ft. do, deliv. 54 days;
  - 10,000 ft. do deliv. fob trucks, Hewitt St. pipe yard, L. A., deliv. 60 days;
  - 10,000 ft. same, deliv. Hewitt St. yard, deliv. 65 days;
  - 7000 ft. 6-in. I D C I pipe, wall thickness 0.52-in., deliv. fob truck Dept.'s Hewitt St. pipe yard, L. A. delivery in 42 days.
  - 6000 ft. 8-in. I D C I pipe, wall thickness 0.62-in., deliv. fob truck Dept.'s Hewitt St. pipe yard, L. A. delivery in 42 days.
- Pipe to be furnished in either 16-, 16-ft. 6-in., or 18-ft. laying length.

## MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Sept. 3, 10 a.m., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing five 20-ton combination electric motor and manually floor operated auxiliary cranes for use in handling pump parts and intermediate shafts at the Colorado River Aqueduct pumping plants, in accordance with Spec. 229, copies of which may be obtained from Room 1007, 306 W. Third St., upon payment of \$2 per set. Certified or cashier's check for \$2500 must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, for furnishing supplies and materials, as follows:

AUGUST 24, 2 P. M.:  
BID NO. 5101: 500 packs/sacks; f.o.b. Ogden, Utah.

AUGUST 27, 2 P. M.:  
BID NO. 5100: 200 dozen candles; f.o.b. Government Island.

## SAN FRANCISCO CITY

SAN FRANCISCO.—Until Aug. 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under bid No. 1891 for furnishing mechanical drawing equipment for the school department. Specifications obtainable from the above office.

SAN FRANCISCO.—Until Aug. 27, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under bid No. 1888 for furnishing miscellaneous machinery equipment for the school department. Specifications obtainable from the above office.

## WAR DEPARTMENT

SACRAMENTO, Cal.—Bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials as follows:

AUGUST 24, 3 P. M.:  
BID NO. 1105-38-34: 36 pieces xx-lbs. high speed steel; fob Rio Vista;

BID NO. 1105-38-35: 20 bales rag; fob Rio Vista.

AUGUST 25, 3 P. M.:

BID NO. 1105-38-37: 18 kegs nails and spikes; fob Rio Vista.

FORT MASON, Cal.—Bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, for furnishing supplies and materials as follows:

AUGUST 24, 10 A. M.:  
BID NO. 928-35-51: Lumber, hinges, treads, screws and commercial brass; fob Fort Mason.

AUGUST 27, 10 A. M.:  
BID NO. 928-38-48: Miscellaneous brushes, cards, office supplies, tacks, garbage cans; fob Fort Mason.

SACRAMENTO, Calif.—Until Aug. 24, 3 p.m., bids will be received by Lieut.-Col. L. B. Chambers, District Engineer, U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-33, for miscellaneous files, hammers, saws, wrenches, cutters, wedges, handles and steel figures; f.o.b. Rio Vista, Calif.

SACRAMENTO, Calif.—Until August 24, 3 p.m., bids will be received by the U. S. Engineers, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-39, for furnishing Douglas fir lumber of various types; f.o.b. Rio Vista.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Aug. 25, 3 P. M., bids will be received by the U. S. Engineer's Office, 401 Custom House, San Francisco, under Bid No. 868-38-18, for furnishing two portable gasoline driven, concrete pumping machines mounted on trailer frame with capacity of 15 cu. yd. of concrete per hour; steel pipe and pipe appurtenances; fob contractor's shipping point.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until Aug. 30 10 A. M., bids will be received by the

Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Bid No. 928-38-52, for furnishing life preservers, hardening compound, and boxes; fob March Field.

Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Aug. 30, 2 P. M., bids will be received by the Metropolitan Water District, F. E. Weymouth, General Manager, and Chief Engineer, 306 W 3rd St., Los Angeles, for furnishing approximately 925,000 sq. ft. welded steel mesh over concrete fabric for use as Gunite reinforcement. Spec. 237. The work is divided into two alternative schedules, viz. (1) providing for the furnishing of self-furring 2x4-in., 12-gauge welded wire mesh, and (2) providing for self-furring woven wire fabric.

Plans and specifications may be obtained at Room 1007, 306 W. Third St., upon payment of \$1.00 per set, not returnable.

LOS ANGELES, Cal.—Until Sept. 7, 2:10 P. M., bids will be received by the Metropolitan Water District, F. E. Weymouth, General Manager, and Chief Engineer, 306 W 3rd St., Los Angeles, for furnishing an electric mline hoist for use at the Lawrence addit of the San Jacinto tunnel of the Colorado River aqueduct; Spec. 236.

The work to be bid is as follows: (1) double drum hoist complete with motor and controls;

- (2) single drum hoist do;
- (3) services of erecting engineer.

Items (1) and (2) are alternative and the district reserves the right after opening bids to reject all bids or to select from the types specified under the respective items the type of hoist best suited to the purposes of the district.

Plans and specifications may be obtained at Room 1007, 306 W. Third St., upon payment of \$2.00 per set, not returnable.

LOS ANGELES, Cal.—Until Aug. 24, 2 P. M., bids will be received by Joseph M. Purchasing Agent, Metropolitan Water District, Room 504, 306 W. 3rd St., Los Angeles, for furnishing 10 complete oil transfer pumps in accordance with Bid No. 97666. Two complete units are to be delivered for each of the following plants: Iron Mt. Pumping Plant, 30 days; Gene Pumping Plant, 60 days; Intake Pumping Plant, 60 days; Eagle Mt. Pumping Plant, 60 days; and Hayfield Pumping Plant, 90 days. Certified check for 5% must accompany each proposal. Bids are to state the estimated shipping wt.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Until August 24, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for rental of one air compressor, including hose, for approximately one month's use in San Francisco.

Specifications obtainable from the above office.



**WAR DEPARTMENT**

SACRAMENTO, Calif.—Until Aug. 26, 3 p.m., bids will be received by the U. S. Engineer's Office, 208 Post Office Bldg., Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, under Bid No. 1105-38-42, for use of tow boat for 40 shifts of eight hours when operated by U. S. intermittently on shift basis; or 40 hours when operated by U. S. on hourly basis; f.o.b. Stockton or Sacramento.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until Aug. 31, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-54, for furnishing slack pine barrels and lubricating oil part of coolers; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**U. S. FOREST SERVICE**

GOVERNMENT ISLAND, Calif.—Until August 24, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5102, for furnishing corrugated metal pipe culvert; f.o.b. Sonora, Calif.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until August 24, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5103, for furnishing corrugated metal pipe culvert; f.o.b. Redding and Sonora.

Specifications obtainable from the above office.

**CANAL ZONE**

PANAMA CANAL ZONE.—Bids will be received by the office of the General Purchasing Officer, H. A. A. Smith, General Purchasing Officer, the Panama Canal, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

AUGUST 27, 10:30 A. M.:

SHCED. NO. 3281: motor grade gasoline; ethyl gasoline & kerosene.

SEPT. 1, 10:30 A. M.:

SHCED. NO. 3282: structural steel for building construction program at Gamboa, and Ancon in Canal Zone.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, Panama Canal, Fort Mason, San Francisco.

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## IN THIS ISSUE



**\$31,000,000 Calif. PWA  
Projects Approved**



*Bay Bridge Railway Track Work Advertised*



**Building Permits, Advance Reports  
of Building and Engineering  
Projects**

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

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# PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

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PAUL D. ANDERSON, *Editor*

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Vol. XX

SAN FRANCISCO, CALIF., AUGUST 28, 1937

No. 32

## \$31,000,000 State PWA Jobs Approved

### OFFICIAL OKEH GIVEN 61 JOBS IN CALIFORNIA

#### Wilder Announces Grants, Loan to Wide Variety Of Projects

A \$31,000,000 California construction program received the official "go ahead" signal yesterday as State Director A. D. Wilder of the Federal Public Works Administration announced approval of grants to aid in financing 61 projects in the state.

The complete list of approved California projects follows:

Watsonville Union High School District—Gymnasium and pool, estimated cost, \$125,455; grant, \$56,455.

Sweetwater Union High School District—New buildings and alterations, estimated cost, \$318,141; grant, \$143,181.

Sacramento Municipal Utility District—Power plant and distribution system; estimated cost, \$12,000,000; grant, \$4,000,000.

City of Huntington Beach—Dance pavilion and band stand; estimated cost, \$52,125; grant, \$23,456.

El Monte Union High School District—School buildings; estimated cost, \$350,900; grant, \$157,909.

Pacheco Pass Water District—Water supply and well; estimated cost, \$336,364; grant, \$151,364.

City of Santa Barbara—Swimming Pool; estimated cost, \$78,181; grant, \$35,181.

City of Santa Barbara—Stadium; estimated cost, \$34,545; grant, \$15,545.

Board of State Harbor Commissioners—Products terminal bldg.; estimated cost, \$305,334; grant, \$137,400.

Barstow Union High School Dist.—School building; estimated cost, \$150,000; grant, \$66,272.

Chaffey Union High School Dist.—Auditorium; estimated cost, \$400,000; grant, \$180,000.

Anaheim Elementary School Dist.—Five school buildings; estimated cost, \$561,818; grant, \$252,818.

Porterville School District—School buildings; estimated cost, \$153,225; grant, \$68,951.

Escondido Union High School District—School building; estimated cost \$118,181; grant, \$53,181.

San Bernardino High School District—School bldgs.; estimated cost, \$126,500; grant, \$56,925.

City of Placerville—Sewage plant; estimated cost, \$77,260; grant, \$34,767.

Banning Union High School District—School bldgs.; estimated cost, \$270,000; grant, \$121,500.

City of Williams—City hall, jail and fire house; estimated cost, \$30,614; grant, \$13,774.

City of Petaluma—Sewage disposal estimated cost, \$315,800; grant, \$142,100.

Montehello Unified School District—School buildings; estimated cost, \$663,500; grant, \$298,575.

Mountain View School Dist.—El Monte school building; estimated cost, \$72,727; grant, \$32,727.

City of Petaluma—Fire station; estimated cost, \$40,400; grant, \$18,180.

Vista Unified School District—High school; estimated cost, \$200,000; grant \$90,000.

Pondham Union Elementary School District—School addition; estimated cost, \$29,545; grant, \$13,225.

Santa Clara Union High School District—Various high school buildings; estimated cost, \$85,000; grant, \$38,259.

Barstow Sanitary District—Sewer and disposal system; estimated cost, \$87,075; grant, \$39,272; loan, \$48,000.

La Mesa, Lemon Grove and Spring Valley Irrigation District—Irrigation project; estimated cost, \$262,719; loan \$145,000; grant, \$118,636.

Merquin Union High School Dist.—Frame school building; estimated cost \$36,500; loan, \$20,000; grant, \$16,364.

City of Santa Cruz—Final addition to city hall; estimated cost, \$80,000; loan, \$44,000; grant, \$36,000.

Tehachapi—Sewage disposal; estimated cost, \$56,364; grant, \$25,364.

Port of Oakland—Ninth Ave. pier extension; estimated cost, \$160,500; grant, \$72,225.

Redding—Municipal water system; estimated cost, \$360,000; grant, \$162,000.

Nordhoff Union Grammar School—School; estimated cost, \$41,320; grant \$18,594.

Taft School District—School; estimated cost, \$68,600; grant, \$30,870.

Campbell Union High School District—School auditorium and gymnasium; estimated cost, \$242,380; grant, \$109,071.

South Whittier School District—School building; estimated cost, \$83,250; grant, \$37,463.

Needles High School Dist.—School; estimated cost, \$10,700; grant, \$49,815.

Chowchilla—Sewage system; estimated cost, \$56,787; grant, \$25,554.

Quail Lake School District—School; estimated cost, \$36,400; grant, \$16,380.

Placerville Grammar School Dist.—School addition; estimated cost, \$40,000; grant, \$18,000.

Port Bragg Union High School District—High school; estimated cost \$181,800; grant, \$81,810.

San Marino School District—Addition to school; estimated cost, \$102,700; grant, \$46,215.

Piedmont School District—School; estimated cost, \$52,500; grant, \$23,625.

Chula Vista Union School District—School; estimated cost, \$65,000; grant \$29,250.

Buena Vista School Dist.—School; estimated cost, \$14,500; grant, \$6,525.

King City Union High School District—School auditorium; estimated cost, \$120,000; grant, \$54,000.

Montalvo Grammar School District—School; estimated cost, \$29,090; grant, \$13,090.

El Monte School Dist.—Two schools estimated cost, \$203,700; grant, \$91,665.

Nordhoff Union High School Dist.—Reconstruction of school auditorium; estimated cost, \$27,000; grant, \$12,150.

City of Watsonville—Sanitary Sewage System; estimated cost, \$17,605; grant, \$7,922.

Lone Pine Union High School District—Auditorium; estimated cost, \$26,500; grant, \$11,925.

San Bernardino High School District—School; estimated cost, \$169,518; grant, \$162,283.

Santa Paula Union High School District—School; estimated cost \$227,000; grant, \$102,150.

Shafter Public Utility Dist.—Sewage disposal; estimated cost, \$60,800; grant, \$27,405.

State of California Hospitals—Grant Agnew State Hospital \$ 342,000

Mendocino State Hospital 12,761

Napa State Hospital 537,750

Stockton State Hospital 45,900

Pacific Colony—L. A. Co 524,250

Sonoma State Home 553,500

Veterans Home of Calif. 158,400

Total cost of construction on above institutions 11,456,304

Total grant 2,174,561

## BIDS SEPT. 15 FOR OVERPASS AT GREENVILLE

### State Authorizes Three Divisions of Highways Contracts For Advertising

SACRAMENTO, Aug. 24.—Three contracts for work on California state highways were authorized for advertising today by the State Highway Commission, with bids scheduled to open in Sacramento and Los Angeles Sept. 15 and 16.

Interest of Northern California contractors will be focused on the contract for construction of the Greenville overpass in Alameda county, for which bids will be opened in Sacramento Sept. 15.

First of the 1937-38 grade separation program to be advertised by the commission, the overpass will form an important link in the new Altamont Pass route between valley cities and the Bay area. Road work on the route has been started by Granfield-Farrar & Carlin, San Francisco contracting firm to which this portion of the project was let recently.

#### Reinforced Concrete

The overcrossing will be a reinforced concrete girder structure and will carry the highway over the Southern Pacific and Western Pacific tracks at Greenville.

It will consist of one 50-foot 6-inch span, eight 49-foot spans, and one 16-foot cantilever span.

Bids on the remaining two contracts will be opened in Los Angeles September 16. One involves about a mile of asphalt concrete surfacing in Monterey Park, Los Angeles county, between Atlantic boulevard and New avenue. The other calls for grading and paving with Portland cement concrete about two and six-tenths miles in Orange county, on Hampshire avenue between Coast boulevard and Garfield street.

## UNUSUAL USES FOR NICKEL ALLOY TOLD

The summer edition of INCO, a 34-page magazine published by the International Nickel Company, Inc., devoted to the uses of nickel and nickel alloys, is off the press and may be obtained from the above mentioned company, located at 67 Wall street, New York City.

The following articles are included in the new 1937 summer edition: Rolling a third of a mile of steel a minute; 14,500 feet of welding on 36 fans; Lights reveal a metal problem; New giants take the air, and Winning a fight against corrosion and abrasion.

Light, color, sound and fragrance intensities will be converted into electric impulses and synchronized for lighting effects at San Francisco's 1939 Exposition.

## \$850,000 Track Work for S. F.-Oakland Bay Bridge Railway System Advertised

SACRAMENTO, August 28.—Bids on two contracts for construction of trackwork and track bonding on the San Francisco-Oakland Bay Bridge, to be opened September 15, today were called by Director Earl Lee Kelly of the State Department of Public Works.

The estimated cost of the work called for in the contracts is approximately \$850,000.

Bids will be opened in the offices of the San Francisco-Oakland Bay Bridge Division of the State Department of Public Works, room 811, 500 Sansome St., San Francisco.

#### Speeding Project

The call for bids on bridge trackwork which will carry 10-car trains on a 65-second headway across the bay span followed closely the action of the State Department of Public Works awarding the contract for construction of the San Francisco Viaduct to Eaton and Smith.

Contract R-9 and R-21A involves construction of trackwork on the main bridge, San Francisco loop and East Bay Yard. Bids will be taken under thirty units.

Principal items include: 170,000 pounds of structural steel work; 2,720 MBM framing and placing bridge ties; 10,247 lineal feet of double track, track laying on the East Bay crossing; 10,304 lineal feet double track, track laying on the West Bay crossing; 1,798 lin. ft. double track, track laying on Yerba Buena Island; 27,000 tons imported fill; 100,000 tons ballast; 30,000 pounds reinforcing steel, and 6,000 cubic yards excavation.

#### Track Bonding

Contract R-11 and R-21B involves track bonding on the main bridge, San Francisco loop and East Bay Yard. Bids will be submitted on twenty-seven items, sixteen covering work on the main bridge and San Francisco loop and the remainder covering work in the East Bay Yard.

Principal items include: 24,200 13<sup>1</sup>/<sub>2</sub>-inch 250,000-c.m. bonds; 1,720 350,000-c.m. bonds in lengths from three to six feet; 4,700 lineal feet 1,000,000-c.m. jumper cable connectors between negative feeder taps, and 5,000 lineal feet 500,000-c.m. cross cable bond.

The track will be of open-deck construction. Rails will rest on all-heart redwood which will undergo no preservative treatment. For safe construction the ties in alternate panels will be locked between floor beams.

#### Skid Girders

As protection in case of derailment of bridge trains a skid girder will be placed inside trusses. Guard rails of both timber and steel will be used.

Owing to the expansion of the bridge expansion joints will be necessary. Two sets of split rail joints will be used which will be locked in such a way that not more than one-half the movement of the bridge can take place at a single

## Macco to Excavate Mountain for Ore

Macco Construction Company of Clearwater this week revealed it has been awarded one of the year's most unusual engineering contracts for work in Kern county.

A three million-yard excavation job, the project involves removal of an entire mountain peak to secure valuable ore it is said to contain. Work will be done in the Randsburg district, at the western edge of the Mojave desert, for the Anglo-American Mining Company.

A three-yard shovel and 12 dump trucks will perform the work of removing approximately 6,000,000 tons of rock and earth, which will be put through stamp mills to secure gold and other minerals.

## MORTGAGE PORTFOLIO AUGUST ISSUE READY

"Insurance Mortgage Portfolio," the Federal Housing Administration's magazine, is available to those interested at fifteen cents a copy or \$1.25 per year, the FHA announces. Orders should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Subject matter of the "Insured Mortgage Portfolio" is indicated by the table of contents for August. The following articles are included: Investing in Insured Mortgages; Enlarging Insured Mortgage Volume; Borrowers and Their Incomes; Yields on FHA Insured Mortgages; A Form of Attorney's Opinion on Title; Establishing Standards for Dwelling; and Vital Statistics of Mortgage Insurance.

Joint, according to Chief Engineer C. H. Purcell.

The bridge railway facilities have been designed for an estimated traffic of 50,000,000 people annually, with about 17,000 passengers traveling in one direction during a 20-minute peak. The heavy traffic necessitated use of the most modern interlocking signal system and rail facilities which can safely handle the load.

Most major contracts for the bridge railway facilities have been let or are out for bids. If work progresses satisfactorily the bridge railway will begin operation about November, 1938.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
681-83	A & D Realty	Owner	4000
684	Hopkins	Soule	1250
685	Lee	Sartorio	2828
686	Patterson	Owner	3000
687	Smith	Owner	4000
688	S P	Owner	58500
689	Tignard	Owner	4000
690	Butler	Bradley	1000
691	Hallgren	Owner	4000
692	McCann	Barrett	12889
693	Ruddy	Owner	2000
694	Veyhle	Owner	3000
695	American Trust	Lindgren	28000
696	Bonetti	Owner	2000
697	Devereaux	Owner	2500
698-9	Doelger	Owner	3000
700	Giacomini	Owner	4000
701	Gigliotti	Thorinsson	4000
702	Mannings	Dinwiddie	4000
703	Modglin	Owner	14000
704	Allen	Coburn	3000
705-6	Christensen	Owner	4000
707	Dunstan	Love	1000
708	Gamble	Owner	1000
709	Naiocow	Owner	1000
710	Upton	Wold	3000
711	S. P. Co.	Owner	1485
712	Vrionis	Owner	1000
713-15	Graham	Owner	3000
717	Stecher	Owner	140000
718	Stoneson	Owner	5500
719	Williams	Williams	3500

### DWELLING

(681) E 35th AVE. 125 N Santiago. One - story and basement frame Owner - Butler - A. and D. Realty Co., 11th and Irving Streets. Architect - Not Given. \$4,000

### DWELLING

(682) E 35th AVE. 100 N Santiago. One - story and basement frame dwelling. Owner and Builder - A. and D. Realty Co., 11th and Irving Streets. Architect - Not Given. \$4,000

### DWELLING

(683) E 35th AVE. 150 N Santiago. One - story and basement frame dwelling. Owner and Builder - A. and D. Realty Co., 11th and Irving Streets. Architect - Not Given. \$4,000

### ALTERATIONS

(684) SE CALIFORNIA and Mason Sts. Alter hotel and garage. Owner - Mark Hopkins Hotel, premises. Contractor - Soule Steel Co., 1750 Army Street. Architect - W. H. Archer & Associates 564 Market St. \$1250

### ALTERATIONS

(685) 109 WAVERLY PLACE. Alter meeting hall. Owner - Lee Lung Li Fong Bldg., 109 Waverly Place. Contractor - Peter Sartorio, 369 Pine. Architect - Not Given. \$2828

### ALTERATIONS

(686) 2355 JONES ST. Alter apts. Owner and Contractor - Lora D. Patterson, 2355 Jones St. Architect - Farr & Ward, 68 Post St. \$3,000

### DWELLING

(687) W 37th AVE. 99 N Balboa. One - story and basement frame dwelling. Owner and Builder - Chas. Smith, 866 36th Avenue. Architect - Not Given. \$4,000

### ALTERATIONS

(688) NW FELL and Baker Streets. Alter hospital. Owner and Contractor - Southern Pacific Co., 65 Market Street. Architect - J. H. Christie, 65 Market Street. \$58,500

### DWELLING

(689) W 47th AVE. 100 S Santiago. One - story and basement frame dwelling. Owner and Builder - J. Tignard, 2330 48th Avenue. Architect - Not Given. \$4,000

### ALTERATIONS

(690) SW STOCKTON and Geary. Alter office. Owner - Butler Estate, premises. Contractor - Peter Bradley, 639 Brannan St. Architect - Not Given. \$1,000

### DWELLING

(691) W 12th AVE. 325 N Taraval. One - story and basement frame dwelling. Owner and Builder - A. Hallgren, 1594 29th Avenue. Architect - C. O. Clausen, 746 46th Avenue. \$4,000

### ALTERATIONS

(692) NW JACKSON and Van Ness Ave. Alter store. Owner - Wm. D. McCann, 404 Post St. Contractor - Barrett & Hilp, 918 Harrison Street. Architect - Not Given. \$12,850

### ALTERATIONS

(693) 410 EDDY ST. Alter hotel. Owner - Joan Ruddy, Modesto, Calif. Engineer - A. A. Brown, 461 Market Street. \$2,000

### DWELLING

(694) W 20th AVE. 200 N Ortega. One - story frame dwelling. Owner and Builder - Theo. Veyhle, 1326 22nd Ave. Architect - Not Given. \$3,000

### BANK BLDG.

(695) SE CLEMENT St and Seventh Ave. One - story frame bank bldg. Owner - American Trust Co., 464 California Street. Contractor - Lindgren and Swinerton, Inc., 225 Bush St. Architect - W. W. Harper, c/o contractor \$28,000

### ALTERATIONS

(696) 426 FAXON AVENUE. Alter dwelling. Owner - Paul Bonetti, premises. Architect Otto G. Hintermann, 79 New Montgomery St. \$2,000

### DWELLING

(697) W ARCH 225 N Randolph. One - story frame dwelling. Owner - Gladys Devereux, 1610 Leavenworth St. Architect - B. K. Dobkowitz, 425 Monterey Blvd. \$2,500

### DWELLING

(698) S MORAGA 90 E 21st Ave. One - story frame dwelling. Owner and Builder - Henry Doelger, Builder, Inc., 320 Judah Street. Architect - Not Given. \$3,000

### DWELLING

(699) S MORAGA W 20th Avenue. One - story frame dwelling. Owner and Builder - Henry Doelger, Builder, Inc., 320 Judah Street. Architect - Not Given. \$3,000

### DWELLING

(700) SE COR. WARE and Bayshore Blvd. One - story frame dwelling. Owner and Builder - N. Giacomini, 2517 San Bruno Ave. Architect - Not Given. \$4,000

### DWELLING

(701) S HIGHLAND AVE. 316 East Holly Park. One - story and basement frame dwelling. Owner - A. Gigliotti, 182 Bank St. Contractor - F. H. Thorinsson, 1630 Ocean Avenue. Architect - Not Given. \$4,000

### ALTERATIONS

(702) 272 SUTTER ST. Alter restaurant. Owner - Mannings, Inc., 365 Brannan. Contractor - Dinwiddie Const. Co., 210 Crocker Bldg. Architect - Not Given. \$4,000

### DWELLING

(703) NE LANSDALE and Casitas. Two - story and basement frame dwelling. Owner - F. B. Modglin, 944 Phelan Bldg. Architect - Martin Rist, 944 Phelan Building. \$14,000

### REPAIRS

(704) 15 HERMANN ST. Repair fire damage. Owner - Allen Co., c/o contractor. Contractor - I. W. Coburn, 2048 Market Street. Architect - Not Given. \$3,000

### DWELLING

(705) W 23rd AVE. 275 N Lawton. One - story and basement frame dwelling. Owner and Builder - Herman Christensen, 1801 19th Avenue. Architect - C. O. Clausen, 746 46th Avenue. \$4500

### DWELLING

(706) E 23rd AVE. 200 N Moraga. One - story and basement frame dwelling. Owner and Builder - Herman Christensen, 1801 19th Avenue. Architect - C. O. Clausen, 746 46th Avenue. \$4500

### (707) 1612 VALLEJO Street.

Alter dwelling. Owner - C. E. Dunstan, premises. Contractor - Love & Hahn, 395 Colingwood. Architect - Baumhaugh and Minton, Underwood Bldg. \$1,000

### ALTERATIONS

(708) 2030 FELL ST. Alter apts. Owner and Contractor - F. P. Gamble, premises. Contractor - Not Selected. Architect - Not Given. \$1,000

### ALTERATIONS

(709) 519 BROADWAY. Alter store. Owner and Contractor - M. P. Naiocow, 536 Broadway. Architect - Not Given. \$1,000

### ALTERATIONS

(710) 2824 PRINCE ST. Alter flats. Owner - Mrs. E. Upton, 2824 Prince. Contractor - C. L. Wold Const. Co., 4412 Fulton St. Architect - Not Given. \$3,000

### ALTERATIONS

(711) DRUMM and Broadway. Alter freight station. Owner - Southern Pacific Co., 65 Market Street. Engineer J. H. Christie, 65 Market Street. \$1485

## ALTERATIONS

(712) SW 30th AVE. and Irving St.  
Alter market.  
Owner and Contractor—G. S. Vronis,  
301 Chicago Way.  
Architect—Not Given. \$1,000

## DWELLING

(713) E. NUEVA AVE., 50 N OF  
BLANKEN. One-story and base-  
ment frame dwelling.  
Owner—Wm. H. Grahn, 2965 Mission  
St.  
Architect—Not Given. \$3000

## DWELLING

(714) E. NUEVA AVE., 25 N OF  
BLANKEN AVE. One-story and  
basement frame dwelling.  
Owner—Wm. H. Grahn, 2965 Mission  
St.  
Architect—Not Given. \$3000

## DWELLING

(715) E. NUEVA, 75 N OF BLAN-  
KEN AVE. One-story and base-  
ment frame dwelling.  
Owner—Wm. H. Grahn, 2965 Mission  
St.  
Architect—Not Given. \$3000

## DWELLING

(716) NE COR. BLANKEN AND  
NUEVA AVES. One-story and  
basement frame dwelling.  
Owner—Wm. H. Grahn, 2965 Mission  
St.  
Architect—Not Given. \$3000

## LITHOGRAPH PLANT

(717) NE BATTERY AND JACK-  
SON STS. Class B Lithograph  
Plant.  
Owner—Stecher-Traung Lith. Corp.,  
640 Battery St.  
Consulting Engineer—Jesse Rosen-  
wald, 525 Market St. \$140,000

## DWELLING

(718) S. CRANLEIGH DR., 299 S.  
SLOAT BLVD. Two-story and  
basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Harold Stoner, 35 Vicente  
St. \$5500

## DWELLING

(719) S. ARBOR, 273 W CONRAD.  
One-story and basement frame  
dwelling.  
Owner—J. B. Williams, 3366 22nd St.  
Contractor—Williams Constr. Co.,  
3366 22nd St.  
Architect—Not Given. \$3500

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
411	Bonds	Owner	5000
412	DavFes	Dawe	3500
413	West	Short	1500
414	Heinz	Ferguson	75000
415	Heraty	Jensen	2400
416	Harris	Kaufenberg	8564
417	Hartrog	Sorensen	3500
418	Roeth	Owner	8350
419	Laube	Owner	7000
420	McCauley	Kurtz	12970
421	Whalen	Owner	5000
422	Goin	Sorensen	3400
423	Hersey	Owner	2000
424	Smith	Owner	1000
425-28	Hawley	Van Aalst	2500
429	Kelley	We. Constr.	2800
430	Pollard	Owner	4000
431	Robino	Cisero	1000
432-33	Whitaker	Whitaker	Owner 3500
434	White	Falk	6250
435	Brasch	Owner	5000
436	Cutter	Satter	6000
437	Cutter	Satter	5000
438	Norton	Beckett	1450
439	Butler	Kimball	3000
440	Kiss-Crane	Owner	3500
441	Royal Or. Mouse	Towle	3000
442	Schmidt	Owner	8000
443	Varella	Owner	2000

## DWELLING

(411) 821 CRESTON, BERKELEY.  
One-story 5-room frame dwelling  
and garage.  
Owner & Builder—Milton S. Bonds,  
753 Keeler.  
Architect—Not Given. \$5000

## DWELLING

(412) 1421 SACRAMENTO, BERKE-  
LEY. Two-story 6-room frame  
dwelling.  
Owner—C. E. Davies, 69 Menlo Pl.  
Contractor—L. C. Dawe, 449 Coventry  
Rd.  
Architect—Walter C. See, 1049 Mon-  
terey. \$3500

## ALTERATIONS

(413) 1402 SPRING WAY, BERKE-  
LEY. Alterations.  
Owner—Paul F. West, 1407 Spruce.  
Contractor—J. V. Short, 1386 Euclid.  
Architect—Not Given. \$1500

## (414) 1266 14TH ST., OAKLAND.

Two-story concrete warehouse &  
offices.  
Owner—H. J. Heinz Co., Pittsburgh,  
Pa.  
Contractor—The H. K. Ferguson Co.,  
1650 Hanna Bldg., Cleveland.  
Architect—H. L. Porter, Cleveland,  
Ohio. \$75,000

(415) 141 CAPRICORN AVE., OAK-  
LAND. One-story 4-room dwel-  
ling.  
Owner—Phil Heraty, 488 Fairbanks  
Ave.

Contractor—Harry K. Jensen, 2757  
Rawson St.  
Architect—Not Given. \$2400

(416) 2506 RIDGE ROAD, BERKE-  
LEY. Two-story 12-room apart-  
ment building.  
Owner—C. V. Harris, 2508 Ridge Rd.  
Contractor—V. A. Kaufenberg, Saint  
Marks Hotel, Oakland.  
Architect—Not Given. \$8,564

## ADDITION

(417) 2001 HOPKINS ST., BERKE-  
LEY. Addition.  
Owner—Mrs. Hartwig, 1984 Marin.  
Contractor—W. Sorensen, 2940 Pied-  
mont Ave.  
Architect—B. R. Hardman, 2085 Allis-  
ton Way. \$3,500

## DWELLING

(418) 3090 BUENA VISTA, BERKE-  
LEY. Two-story 7-room frame  
dwelling.  
Owner and Builder—C. F. B. Roeth,  
2548 Cedar St., Berkeley.  
Architect—Not Given. \$8,350

## DWELLING

(419) 4462-64 MONTGOMERY ST.,  
OAKLAND. One-story frame du-  
plex dwelling.  
Owner and Builder—Otto Laube, 4324  
View St., Oakland.  
Architect—L. F. Hyde. \$7,000

## DWELLING

(420) 165 BEECHWOOD DR., OAK-  
LAND. Two-story 8-room dwel-  
ling.  
Owner—J. E. and Beatrice McCauley.  
Contractor—P. A. Kurtz, 364 41st St.,  
Oakland.  
Architect—Williams & Wastell, 374  
17th St., Oakland. \$12,920

## DWELLING

(421) 424 FLORENCE, OAKLAND.  
One-story 5-room dwelling.  
Owner and Contractor—Whalen and  
Hufschmidt, 17th and Webster.  
Architect—Not Given. \$5,000

## ADDITION

(422) 2237 SUMMER, BERKELEY.  
Addition.  
Owner—G. L. Goin, 2237 Sacramento.

Contractor—Edw. W. Sorensen, 1907  
Parker St.  
Architect—E. L. Snyder. \$3400

## ADDITION

(423) 2304 DWIGHT WAY, BERKE-  
LEY. Addition.  
Owner and Contractor—Elaine N.  
Hersey, 2310 Dwight Way.  
Architect—Not Given. \$2,000

## ADDITION

(424) 1748 MARIN AVE., BERKE-  
LEY. Addition.  
Owner and Contractor—J. E. Smith,  
1748 Marin Ave.  
Architect—Not Given. \$1,000

## DWELLING

(425) 1618 9TH ST., BERKELEY.  
One-story 4-room frame dwelling  
and garage.  
Owner—S. Hawley, Jr., Financial  
Center Bldg., Oakland.  
Contractor—W. Van Aalst, 608 16th  
St., Oakland.  
Architect—Not Given. \$2500

## DWELLING

(426) 1610 9TH ST., BERKELEY.  
One-story 4-room frame dwelling  
and garage.  
Owner—Stuart Hawley, Jr., Financial  
Center Bldg., Oakland.  
Contractor—W. Van Aalst, 608 16th  
St., Oakland.  
Architect—Not Given. \$2500

## DWELLING

(427) 1614 9TH ST., BERKELEY.  
One-story 4-room frame dwelling  
and garage.  
Owner—Stuart Hawley, Jr., Oak-  
land.  
Contractor—W. Van Aalst, 608 16th  
St., Oakland.  
Architect—Not Given. \$2500

## DWELLING

(428) 1622 9TH ST., BERKELEY.  
One-story 4-room frame dwelling  
and garage.  
Owner—S. Hawley, Jr., Oakland.  
Contractor—W. Van Aalst, 608 16th  
St., Oakland.  
Architect—Not Given. \$2500

## DWELLING

(429) 2480 99TH AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner—P. W. Kelley, 1025 26th St.  
Contractor—Western Constr. and En-  
gineering Co., 1025 26th St.  
Architect—P. W. Kelley, 1025 26th  
St. One-story frame garage. \$150.

## DWELLING

430) 4881 HARBORD DRIVE, OAK-  
LAND. Two-story 6-room dwel-  
ling.  
Owner & Builder—A. J. Pollard, 77  
Plaza Dr.  
Architect—Not Given. \$4000

## ALTERATIONS

(431) 967 42ND ST., OAKLAND.  
Alterations and repairs.  
Owner—G. Rohino, 971 42nd St.  
Contractor—John Cisero, 474 42nd St.  
Architect—Not Given. \$1000

## DWELLING

(432) 2230 21ST AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Spencer Whitaker, 731 Oak-  
land Ave.  
Contractor—W. A. Whitaker, 565 Ho-  
bart St.  
Architect—Not Given. \$4000

## DWELLING

(433) 2224 21ST AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Spencer Whitaker, 731 Oak-  
land Ave.  
Contractor—W. A. Whitaker, 565 Ho-  
bart St.  
Architect—Not Given. \$4000



**DWELLING**  
(434) 4263 WILSHIRE BLVD., OAKLAND. One-story 6-room dwelling.  
Owner—H. A. White, 3261 School St.  
Contractor—Chas. W. Falk, 1520 E. 38th St.  
Architect—Not Given. \$6250

**DWELLING**  
(435) 1660 SHORT ST., BERKELEY. 1½-story 5-room frame dwelling and garage.  
Owner and Builder—M. P. Brauch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$5,000

**BARN**  
(436) 741 CALCO WAY, BERKELEY, Barn.  
Owner—The Cutter Laboratories, 4th and Parker, Berkeley.  
Contractor—S. J. Satter, 2925 Hille-gass, Berkeley.  
Architect—Not Given. \$6,000

**LABORATORY BLDG.**  
(437) 73 CALCO WAY, BERKELEY. One-story laboratory bldg.  
Owner—The Cutter Laboratories, 4th and Parker, Berkeley.  
Contractor—S. J. Satter, 2925 Hille-gass, Berkeley.  
Architect—Not Given. \$5,000

**ADDITION AND REPAIRS**  
(438) 141 WOODLAND WAY, PIEDMONT. Addition to residence, \$1450; fire repairs, \$1500.  
Owner—H. C. Norton, 141 Woodland Way, Piedmont.  
Contractor—A. T. Beckett, 221 Scenic Ave., Piedmont.  
Architect—Not Given. \$2950

**DWELLING**  
(439) 10702 SHELDON ST., OAKLAND. One-story 5-room dwelling.  
Owner—J. D. Butler, 254 25th St.  
Contractor—Stanley Kimball, 2456 Hilgard Ave., Berkeley.  
Architect—Not Given. \$3000

**WRECKING**  
(440) 1320 BROADWAY, OAKLAND. Wreck 2-story building.  
Owner and Contractor—Kiss-Crane Francisco.  
Architect—Not Given. \$5999

**ALTERATIONS**  
(441) 1116 CLAY ST., OAKLAND. Alterations.  
Owner—Royal Order of Moose, Prem.  
Contractor—W. M. Towle, 393 9th St.  
Architect—Not Given. \$3000

**DWELLING**  
(442) 1609 EIMERT BLVD., OAKLAND. Two-story 6-room dwelling.  
Owner and Builder—A. K. Schmidt, 3976 Elston Ave.  
Architect—Not Given. \$5000

**ADDITION**  
(443) 1065 14TH ST., OAKLAND. Addition.  
Owner—Frank Varrella, Prem.  
Architect—Chester Trelchel, 696 Cleveland St. \$2000

**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
129	W. Pac. R.R.Co.	Early	11296
153	Lee Tong	Reliable	1025
154	Lee Tong	Sartorio	2828
155	Andrade	Johnson	6650
156	American Trust	Lindgren	28588
157	McCann	Barrett	12889
158	Sala	Johnson	12300
159	Ambrose	Blincoe	5840
160	Pac States	Davidson	30675
161	Schmidt	Otis	22,448.85

**ADDITION**  
(152) SEVENTH AND BRANNAN STS. Freight shed addition.  
Owner—Western Pacific Railroad Co.  
Contractor—Fred J. Early, Jr.  
Filed Aug. 19, '37. Dated, Aug. 16, '37  
Framing complete, 25%.  
Bldg. enclosed and roof on, 25%.  
Completion, 25%.  
36 days after, 25%.  
TOTAL COST, \$11,296  
Bond, \$11,296. Surety, The Fidelity & Casualty Co. of N. Y. Plans and specifications filed.

(153) 109 WAVERLY PLACE. Clean and paint interior and exterior of 4-story brick long bldg.  
Owner—Lee Lung Si Tong.  
Architect—J. Eugene Freeman.  
Contractor—Reliable Painting Co.  
Filed, Aug. 20, '37. Dated, Aug. 18, '37  
Completion ..... \$768.75  
Usual 35 days ..... 256.25  
TOTAL COST, \$1,025.00  
Limit, 25 days. Plans and specifications filed.

**ALTERATIONS**  
(154) 109 WAVERLY PLACE. Alter hall.  
Owner—Lee Lung Si Tong.  
Architect—J. Eugene Freeman.  
Contractor—Peter Sartorio.  
Filed, Aug. 20, '37. Dated, Aug. 18, '37  
Completion ..... \$1211.00  
Usual 35 days ..... 707.00  
TOTAL COST, \$2828.00  
Bond, \$2828. Sureties, Inland Bonding Co. Limit, 35 days. Spec. filed.

**ALTERATIONS**  
(155) SW CHURCH and Duncan Sts. Alter two frame flats into three apartments.  
Owner—J. F. Andrade.  
Architect—Not Given.  
Contractor—Joel Johnson & Son.  
Filed and Dated, August 23, 1937.  
Roof on ..... \$1637.50  
Brown coated ..... 1637.50  
Completion ..... 1637.50  
Usual 35 days ..... 1637.50  
TOTAL COST, \$6650.00  
Limit, 75 days.

**BANK BLDG.**  
(156) SE CLEMENT St. and Seventh Ave. One-story frame bank bldg.  
Owner—American Trust Company.  
Contractor—W. W. Harper 1050 Franklin Street.  
Contractor—Lindgren and Swinerton, Inc., 225 Bush St.  
Filed, Aug. 24, '37. Dated, Aug. 23, '37  
Monthly payments of 75%  
Usual 35 days 25%.  
TOTAL COST, \$28,588  
Plans and specifications filed.

**REMODELING**  
(157) NW COR. JACKSON St. and Van Ness Ave. Remodel 2-story store building.  
Owner—Wm. D. McCann.  
Architect—Gardner A. Daley.  
Contractor—Barrett & Hiip, 918 Harrison Street.  
Filed and Dated, August 24, 1937.  
Progress payments ..... \$12,889  
Forfeit, \$10 per day. Limit, 70 days  
Plans and specifications filed.

**DWELLING**  
(158) NW PERALTA AVE 100 NE Florida. Three five-room frame dwellings.  
Owner—E. S. Sala.  
Architect—O. Hinterman.  
Contractor—Joel Johnson & Son.  
Filed, Aug. 24, '37. Dated, May 26, '37.  
Roof on ..... 25%  
Brown coated ..... 25%  
Completed ..... 25%  
Usual 35 days ..... 25%  
TOTAL COST, \$12,300  
Bond, \$6150. Sureties, U. S. Fidelity & Guaranty Co. Limit, May 27, 1938.

**DWELLING**  
(159) LOTS 33 & 34, BLK. 6, CLARENDON HEIGHTS ON NORTH SIDE OF BELGRAVE AVE. 2-story frame dwelling.  
Owner—Thos. B. and Helen Ambrose.  
Contractor—C. O. Blincoe.  
Filed Aug. 25, '37. Dated Aug. 23, '37  
Progress payments.  
TOTAL COST, \$5,840  
Limit, 150 days. Plans and specifications filed

**PLUMBING, ETC.**  
(160) SW THIRD AND MARKET STS. (703 Market St.) Plumbing, heating and ventilating work in office building.  
Owner—Pacific States Savings and Loan Co., 745 Market St.  
Contractor—Frank Davidson, Ltd., 65 Chesley St.  
Filed Aug. 25, '37. Dated June 2, '37  
85% each month.  
15% usual 35 days.  
TOTAL COST, \$30,875  
Bond, \$15,337.50. Surety, U. S. Fidelity & Guaranty Co. Plans and specifications filed.

**ELEVATOR**  
(161) SECOND AND BRYANT Sts. Electric elevator installed and furnished.  
Owner—Schmidt Litho. Co.  
Engineer—Jesse Rowland, 525 Market St.  
Contractor—Otis Elevator Co.  
Filed Aug. 25, '37. Dated Apr. 15, '37  
Payments not specified.  
TOTAL COST, \$22,448.85  
Specifications filed

**BUILDING CONTRACTS  
ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
100	McCauley	Kurtz	13382
101	P. T. & T. Co.	Gest	14689
102	Sherman	Lynn	5756

**DWELLING**  
(100) LOT 20 BLK J. Claremont Plns., Oakland. Two-story and basement frame dwelling.  
Owner—J. E. and Beatrice McCauley.  
Architect—Williams & Westell, 374 17th St., Oakland.  
Contractor—F. A. Kurtz, 364 41st St., Oakland.  
Filed Aug. 20, '37. Dated, Aug. 19, '37  
Frame up ..... \$3345.50  
Brown plastered ..... 3345.50  
Completion ..... 3345.50  
Usual 35 days ..... 3345.50  
TOTAL COST, \$13,382.00  
Limit, 120 days. Plans and specifications filed

**CONDUIT AND CABLE**  
(101) ALAMEDA and Contra Costa Cos. Underground conduit and cable.  
Owner—Pacific T. & T. Co.  
Architect—Not Given.  
Contractor—G. M. Gest, 1216 24th St., Oakland.  
Filed, Aug. 23, '37. Dated, Aug. 10, '37.  
Every two weeks ..... 75%  
40 days ..... 25%  
TOTAL COST, \$14,689.00  
Bond, \$14,689.00. Sureties, Pacific Indemnity Co. Limit, 60 days. Plans and specifications filed.

**DWELLING**  
(102) LOT 12 BLOCK 21, Tract 505, Oakland. Frame dwelling.  
Owner—Clay Sherman.  
Architect—W. W. Wurster, Oakland.  
Contractor—Willis F. Lynn.  
Filed, Aug. 24, '37. Dated, Aug. 10, '37.  
Roof on ..... \$1439  
Plastered ..... 1439  
Completion ..... 1439  
Usual 35 days ..... 1439  
TOTAL COST, \$5756.00  
Limit, Dec 1, 1937. Plans and specifications filed.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	11.—Ice and Cold Storage Plants
2.—Bonds	12.—Power Plants
3.—Churches	13.—Public Buildings, Fire Houses and
4.—Factories and Warehouse	14.—Residences
5.—Flats	15.—Schools
6.—Garages and Service Stations	16.—Banks, Stores and
7.—Federal Build- ings	17.—Theatres
8.—Club Buildings	18.—Wharves & Docks
9.—Hospitals	19.—Misc. Const.
10.—Hotels	20.—Misc. Supplies &

### 1—APARTMENTS

**Contract Awarded APARTMENTS** Cost, \$8,600  
BERKELEY, Alameda Co., Cal. 2506

Ridge Road.  
Two-story 12-room apt. bldg.  
Owner—C. V. Harris, 2508 Ridge Rd., Berkeley.  
Architect—Not Given.  
Contractor—V. A. Kaufenberg, Saint Marks Hotel, Oakland.

**Completing Plans APARTMENT HOUSE** Cost, \$20,000  
ANTIOCH, Contra Costa Co., Calif.

Two-story frame and stucco apartment house containing ten one- and two-room apts. with bath, gas forced air heating system, some hardwood floors, wood sash, composition roof, linoleum baths.  
Owner—Withheld.  
Architect—C. O. Clausen, 736 46th Ave., San Francisco.  
This will be completed and general figures asked August 23.

**Contract Awarded APARTMENTS** Cont. Pr. \$6,650  
SAN FRANCISCO, SW Church and Duncan Streets.

Alter two frame flats into three apts.  
Owner—J. F. Andrade.  
Architect—Not Given.  
Contractor—Joel Johnson & Son, 1614 Church Street.

### 3—CHURCHES

**Plans Being Figured CHURCH** Cost, \$.....  
OAKLAND, Alameda Co., Calif.

Plymouth and 96th Ave.  
New frame church to seat approximately 190.

Owner—Withheld.  
Architect—Chas. W. McCall, 1404 Franklin St., Oakland.

Plans are being figured by a selected contractor.

**PLANS COMPLETED**  
LOS ANGELES, Cal.—Austin Co., 777 E. Washington Blvd., has prepared plans and has the contract for construction of a one-story reinforced concrete warehouse and office building, 100x100-ft. in area, on E 12th St. for the Creamery Package Company.

**PLANS COMPLETED**  
LOS ANGELES, Cal.—W. M. Bostock, structural engineer, 6221 Pacific Blvd., Huntington Park, has completed plans and will take segregated bids for construction of the first unit of a factory building at McKinley and Slauson Aves., Los Angeles, for Coast Centrifugal Grinding Co.; Ray Tiesue, president. The factory will be 100x160-ft., steel floor con-

struction. Second unit will be a 3-story office building for which plans will be started soon. Bids on the factory will be submitted at noon, Aug. 30.

**Sub-Contracts Awarded**

**FACTORY** Cont. Pr. \$64,449  
SAN FRANCISCO, Folsom St. bet. Annie and Fourth Streets.  
Three-story reinforced concrete factory building (80x143-ft.).  
Owner—M. Greenberg's Sons, 765 Folsom Street.

Architect—Hyman and Appleton, 68 Post Street.

Contractor—Barnett & Hilp, 918 Harrison Street.

**Concrete**—John Cassaretto, Sixth and Channel Streets.  
**Lumber**—Christenson Lbr. Co., Quint and Evans Streets.

**Plumbing**—W. J. Forster, 355 4th St.

**Reinforcing Steel**—W. S. Wetenhall Co., 17th and Wisconsin Streets.

**Contract Awarded WAREHOUSE, ETC.** Cost, \$75,000  
OAKLAND, Alameda Co., Cal. 1266 14th St.

Two-story concrete warehouse and office building.  
Owner—H. J. Heinz Co., Pittsburgh, Pa.

Architect—H. L. Porter, Cleveland, Ohio.

Contractor—The H. K. Ferguson Co., 1650 Hauna Bldg., Cleveland, O.

**Sub Contracts Awarded WAREHOUSE ADDITION**

Cost, \$4,200  
OAKLAND, Alameda Co., Calif. West end of Seventh St.

Second-story frame addition (19x203 feet) to present one-story pier warehouse.

Owner—Abers Bros. Milling Co., west end of 7th St. (Mr. Kelnor, Supt.).  
Plans by Eng. Dept. of Owner.

Contractor—Wilbur C. Cone, 608 16th Oakland.

**Plumbing**—Durant & Gilman Co., 1012 Webster St., Oakland.

**Lumber**—Oakland Lumber Co., 6901 E. 14th St.

**Magnesia**—Ollierich Co. of Berkeley.

**Sub-Contracts Awarded**

**ALTER WAREHOUSE** Cost, \$.....  
SAN FRANCISCO, 444 Townsend St. Alterations to warehouse.

Owner—Western States Grocery Co., 422 Second St.

Engineer—W. Adrian, 417 Market St.  
Contractor—W. C. Tait, 885 Market.

**Plumbing, Electric Wiring, Heating**—Frank J. Kilmm, 256 Ellis St.

**Sheet Metal, Iron Grille Work, Fire Doors**—Soule Steel Co., 1750 Army Street.

**Glass**—W. P. Fuller & Co., 301 Mission Street.

**Mastipave Floors, Linoleum**—Malott & Peterson, 2412 Harrison Street.

**Lumber and Mill Work**—West Coast Lumber Co., 748 Brannan Street.

**Painting**—Charles Brauner, 1487 19th Avenue.

**Steel Rolling Doors**—Rolph Mills and Co., 915 Rialto Bldg., All of San Francisco.

**Plans Being Figured—To Close Aug. 30, Noon**

**ADMINISTRATION BLDG.** Cost, \$.....  
EMERYVILLE, Alameda Co., Calif. Four-story reinforced concrete administration building.

Owner—Shell Development Co., 33rd and Horton Sts., Oakland  
Plans by Eng. Dept. of Owner.

Plans are being figured by a selected list of contractors.

H. J. Christensen and W. E. Lyons, 2009 Pacific Ave., Alameda, are figuring plans and desire sub bids on all portions of the work.

**Plans Being Figured**

**EAU CLAIRE** Est. Cost, \$50,000  
SAN FRANCISCO, Sterling St., near Bryant St.

Boiler room equipment.  
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.

Consulting Engineer—Jesse Rosenwald, 525 Market.

Plans are being figured by a closed selected list of contractors.

### PREPARING WORKING DRAWINGS

**WILMINGTON, Los Angeles Co., Calif.**—Grant & Biner, 607 Ferguson Bldg., Los Angeles, are preparing working plans for office and administration building as part of the refinery to be built at Watson, north of Wilmington, for the Richfield Oil Corp., C. E. Braun & Co., 1000 S. Fremont, Alhambra, has been awarded contract for construction of refinery, including special equipment. Total cost of improvements will exceed \$4,000,000.

### PLANS BEING FIGURED

**LOS ANGELES, Calif.**—Stone & Webster, 601 W. 5th St., are taking general contract bids for the new manufacturing plant to be built on a 50-acre site at Alameda Ave. and 783rd St., Los Angeles County territory, for the Johns-Manville Corp. Principal buildings of the plant will be a structure, 700x100 ft. in area, and another structure, 310x100 ft., with a wing 90x60 ft., both one story. They will be of structural steel construction with transite exteriors. Plans were prepared by Stone & Webster, 49 Federal St., Boston. Albert C. Martin, 233 Higgins Bldg., Los Angeles, is consulting architect. Following is a partial list of the bidders: Ford J. Truitts Co., 816 W. 5th St.; Lindgren & Swinerton, 605 W. Olympic Blvd.; Baruch Corp., 625 S. Olive St.

### 5—FLATS

**Plans Being Figured—To Close August 30.**

**FLATS** Cost, \$.....  
SAN FRANCISCO, Jefferson Street near Baker Street.

Two-story frame and stucco flat building (two 6-room flats) gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
Owner—Withheld.

Architect—Richard J. Neutra, 251 Kearny Street.

Following contractors have taken out plans:

Adolph Strate, 190 Moneta Way, Peter Sartorio, 369 Pine Street.

Carlen Const. Co., 147 10th St. Empire Const. Co., Ltd., Russ Bldg. Villa Moret, Inc., 1106-1108 Claus Spreckels Bldg.

Ingvar Baldwinson, 322 Judson. G. P. W. Jensen & Sons, Inc., 320 Market St.

All of San Francisco.

**Plans Being Figured**

**FLAT BLDGS.** Cost, \$25,000  
SAN FRANCISCO, SE Turk and Annapolis Streets.

Two two-story frame and stucco flat buildings (two 5-room flats each) hardwood floors, tile baths, tile

roofs, hot air heating systems. Owner—Mausser & Archer. Architect—H. C. Baumann, 251 Kearny Street.

Owners are taking figures from a selected list of contractors.

## 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
GARAGE BLDG. Cost, \$12,000  
SAN JOSE, Calif. St. James, near Market St.

One-story brick front garage bldg. (67 x 137½ ft.), front side walls, summerbell trusses, cement floors.

Owner—Myrtle Judkins, c/o Contractor.

Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Contractor—Howard S. Waltz, Rt. 4, Box 468, San Jose.

**Bids In—Announcement Shortly**  
SERVICE STATION Cost, \$.....  
OAKLAND, Alameda Co., Cal. Howard St. and Telegraph Ave.

Gasoline service station. Owner—Shell Oil Company, 315 Derby Street, Oakland.

Plans by Engr. Dept. of Owner.

**Contract Awarded**  
SERVICE STATION Cost, \$.....  
EUREKA, Humboldt Co., Cal. Fourth and G Streets.

Gasoline service station. Owner—General Petroleum Corp. of California.

Plans by Engr. Dept. of Owner. Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
SERVICE STATION Cost, \$5,000  
SAN FRANCISCO, NE 19th Avenue and Taraval Street.

Steel gasoline service station. Owner—General Petroleum Corp. of Calif., Parr Terminal, Oakland.

Plans by Engr. Dept. of Owner. Contractor—F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
SERVICE STATION Cost, \$.....  
TUBLOCK, Stanislaus Co., Cal. Main and Lander Streets.

Gasoline service station. Owner—General Petroleum Corp. of California.

Contractor—Lewis & Clark, 1002 California Bldg., Oakland.

Plans by Engr. Dept. of Owner.

## 7—FEDERAL BUILDINGS

**PLANNED**  
TUCSON, Ariz.—The third deficiency appropriation bill now before congress includes an allocation of \$150,000 to finance complete air conditioning of the U. S. post office and court house in Tucson.

**Bids Wanted—To Close September 24, 1 P. M.**

**POST OFFICE** Cost, \$.....  
HELPER, Utah.

U. S. Post Office. Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D. C. Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C. No deposit for one set of plans.

**BIDS WANTED**  
SANTA BARBARA, Calif.—Until Sept. 22, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for bronze handrails in the U. S. P. O. at Santa Barbara.

**CONTRACT AWARDED**  
SAN FRANCISCO.—The General Fireproofing Co., 534 4th St., at \$1,116 awarded contract by the Procurement Division, Washington, D. C., for metal shelving and files on the third floor of the Federal Office Building, San Francisco.

**CONTRACT AWARDED**  
SAN DIEGO, Cal.—Olmstead Bldg. Co., 3878 40th St., San Diego, awarded contract by Bureau of Yards and Docks at \$993 for steam connection for heating south ward building at the Naval Hospital, San Diego; Spec. 5548. Other bids were: H. B. Nicholson, \$996; Walter H. Barber, \$1,426; Hunt & Curry, \$1683; F. E. Young, \$1710.44.

**BIDS WANTED**  
LOS ANGELES, Calif.—Until September 16, 1 p.m., as previously reported, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of the work shop and storage addition, etc., for the Federal Jail at Los Angeles. Separate bids are being received for the elevators.

Plans and specifications may be obtained from the above office and are on file at the District Engineer's Office, Custom House, San Francisco. No deposit for one set of plans.

**BIDS WANTED**  
ALCATRAZ, Calif.—Until August 31, 2 p.m., bids will be received by the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for replacing wall condenser and rehabilitating Refrigeration Plant in Building 68, U. S. Penitentiary, Alcatraz, under Spec. No. 54, Invitation No. 1103.

Bids will be opened at Room 407, Office Bldg., San Francisco, where they may be delivered in person, or mailed to Warden, U. S. Penitentiary, Alcatraz.

**BIDS WANTED**  
SHIPPLE, Arizona.—Until Oct. 12, 1:30 p.m., bids will be received by the Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for additional buildings and Utilities, at the Veterans' Administration Facility, Whipple, Arizona.

Project consists of one Main Bldg. No. 107 (containing approximately 1,065,000 cubic feet), one Dining Hall Building No. 108 and Connecting Corridor (containing approx. 120,000 cubic feet), etc., and work will include erecting and removing of existing buildings, roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, slate stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, inclosure, waterproofing, iron and steel work, metal sash, steel stairs, steel shelving, tile and built-up roofing, metal ventilators, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, refrigeration equipment, heating, air conditioning, electrical work, electric elevators, outside services, etc.

Separate bids will be received for (I) General Construction, including plumbing, heating, air conditioning and electrical work; (II) Electric elevators; and (III) Refrigerating equipment.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Building, Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required for plans and specifications.

**BIDS WANTED**  
LOS ANGELES, Cal.—Until Sept. 16, 1 P. M., as previously reported,

bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the work shop and storage addition, etc., for the Federal Jail at Los Angeles. Separate bids are being received for the elevators. Plans and specifications may be obtained from the above office and are on file at the District Engineer's Office, Room 235, Federal Office Bldg., San Francisco. No deposit for one set of plans.

The address of the District Engineer was reported in error August 24 as the Custom House.

**BIDS OPENED**  
SAN DIEGO, Calif.—Pacific Coast Elevator Co., 1041 Venice Blvd., Los Angeles, at \$15,962 submitted low bid to Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8452, for electric passenger elevator, electric freight elevator, and hoistway entrances at the Naval Operating Base (Hospital) San Diego. Only other bid was submitted by Otis Elevator Co., Los Angeles, at \$16,887.

## 8—CLUB BUILDINGS

**Preparing Preliminary Plans**  
MASONIC TEMPLE Cost, \$75,000  
LODI, San Joaquin Co., Calif. East Pine St.

Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge. Architect—Frank V. Mayo, 108 East Miner St., Stockton.

Upon completion of plans general figures will be asked of a selected list of contractors.

**Preparing Plans**  
SOCIAL SERVICE BLDG. Cost, \$20,000

SAN JUAN BAUTISTA, San Benito Co., Calif.  
One-story reinforced concrete social service building, tile roof, mission design, at the San Juan Bautista Mission.

Owner—Maryknoll Sisters. Architect—Morrow & Morrow, de Young Bldg., San Francisco.

**Sub Contracts Awarded**  
ATER HALLS Cost, \$.....  
SAN JOSE, Santa Clara Co., Calif. Santa Clara Street.

Alter Moose Hall. Owner—Withheld.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

Contractor—George Thorpe, 1080 S. Seventh St., San Jose.

**Roofing—Farmer's Union, 151 West Santa Clara St.**

Plumbing & Sheet Metal—C. L. Snyder Co. 98 E. Santa Clara St.

Electric Wiring—Ted Russell Elec. Co., Montgomery Hotel.

Glass—Le Delt Glass Co., 762 Lenzen Avenue.

Hardwood Floors—A Phillips Lumber and Mill Work—S. H. Chase Lumber Co., 547 W. Santa Clara St.

Hardware—San Jose Hardware Co., 60 W. San Fernando.

Painting—Wm Stevenson, 4175 Alum Rock Ave.

Lathing and Plastering—Magers & Carlson, 1175 Washington Ave.

## 9—HOSPITALS

**Bids Wanted—To Close Sept. 2, 10:30 A. M.**

CENTINARY BUILDING, ETC. COST, \$20,000

ADYVAHNEE, Modera County, Calif. Tri-County Tubercular Sanatorium, Unit No. 1: One-story and basement concrete culinary department building (kitchen, dining room, diet kitchen, etc.), con-

crete floors, asbestos shingle roof, steel sash, wire glass, all metal doors, linoleum floor finish, metal lath and plaster ceilings, etc., and Unit No. 2: frame administration building, wood shakes, all-wood trim, linoleum floors, plastered walls.

Owner—Madera, Stanislaus and Merced Counties.

Architect—Johnson & Wethered, 31 Francis Drake Hotel, San Francisco.

Plans and specifications may be obtained from the office of the architects and from the office of Co. Surveyor W. E. Bedesen, Merced.

To Be Done By Day's Work  
ALTER HOSPITAL. Cost, \$58,500  
SAN FRANCISCO. NW Fell and Baker Streets.

Alter hospital.

Owner and Builder—Southern Pacific Co., 65 Market Street.

Architect—J. H. Christie, 65 Market.

Plans Completed  
COCKTAIL ROOM, ETC. Cost, \$10,000  
LOS BANOS, Merced Co., Calif.

Reinforced concrete addition to Hotel Onoron (cocktail room, etc.).  
Owner—Francis Pedrone, Los Banos.  
Architect—E. J. Kump, Rowell Bldg., Fresno.

Bids will be asked in about one week.

Preparing Preliminary Plans  
CAT & DOG HOSPITAL. Cost, \$7,500  
SALINAS, Monterey, Calif.

One-story frame and stucco cat and dog hospital.

Owner—Dr. C. B. Outhier, 206 Lincoln Ave., Salinas.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

August 23, 1937  
Sub-Contracts Awarded

HOSPITAL. Cont. Pr., \$72,392  
HOLLISTER, San Benito Co., Calif.

One-story reinforced concrete hospital building and almshouse (16 two-bed rooms for elderly indigents, 2 hospital rooms for sick people, operating and X-ray rooms, kitchen and dining rooms, laboratory, recreation rooms, delivery room, infants' room) composition roofing, linoleum floors, steel sash with metal trim, oil burning heating system, constructed around central patio.

Owner—County of San Benito (Elmer Dowdy, Clerk).

Architect—Robert Stanton, Hotel Del Monte, Del Monte.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Plumbing and Heating—A. J. Peters & Son, 455 E. Washington Street, San Jose.

Sheet Metal—Tobey Christiansen 4444 Piedmont Ave., Oakland.

Glass—Habenicht & Howlett, 529-33 Clay St., San Francisco.

Hardwood Floors—Aetna Hardwood Floor Co., 951 Buchanan St., San Francisco.

Steel Sash—Hoppe Sash Co., 31 San Mateo Road, Berkeley.

Lumber—E. K. Wood Lumber Co., Fire Bldg., San Francisco.

Mill Work—Hollenbeck Bush Planing Mill Co., P. O. Box 605, Fresno.

Painting—C. W. Sullberg, Santa Rosa Linoleum—West Coast Linoleum and Carpet Co., 1163 Market St., San Francisco.

## 10—HOTELS

Contract Awarded  
HOSPITAL ADDITION

RENO Nevada, 235 W. 8th St. \$51,000

One-story reinforced concrete addi-

dition (24 beds) to St. Mary's Hospital.

Owner—Saint Mary's Hospital.

Architect—L. A. Ferris, 16 Thomas St., Reno.

Contractor—J. C. Dillard, 805 South Virginia St., Reno.

Completing Plans  
HOTEL

SANTA CRUZ, Calif. Cost, \$75,000

One-story frame, brick and cement early California hotel to contain 35 suites, to adjoin the newly completed club house.

Owner—Pasatiempo Country Club, Miss Marion Hollins, President.

Architect—John Fennacy, 1700 Financial Center Bldg., Oakland.

Preparing Working Drawings  
ALTERATIONS

Est. Cost, \$50,000  
SAN FRANCISCO, 440 Geary St.

Alterations to first floor of Somerton Hotel (lobby, cocktail lounge, coffee shop, rest rooms, etc.).

Owner—Somerton Hotel Corp.  
Architect—A. R. Williams, 251 Post St.

Plans will be completed in about two weeks and general figure staken from a selected list of contractors.

## 12—POWER PLANTS

Contract Awarded  
STRUCTURAL STEEL. Cost, \$.....

OAKLAND, Alameda Co., Calif. 1st and Grove Streets.

Fabrication and delivery of structural steel for extension of turbine room at Station 400.

Owner—Pacific Gas & Electric Co.

Plans by Eng. Dept. of Owner.

Contractor—Bethlehem Steel Co., 20th and Illinois Sts., San Francisco.

Low Bidder  
TELEPHONE BLDG. Cost, \$.....

STOCKTON, San Joaquin Co., Calif.

Struct. for San Joaquin and Lindsay Streets.

General construction of three-story and basement Class A telephone exchange bldg. (96x86-ft.) concrete and brick roof, plastering, plumbing, lighting and heating.

Owner—P. T. & T. Co. (H. C. Britton District Manager).

Plans by Eng. Dept. of Owner.

Low Bidder—Monson Bros., 475 Sixth St., San Francisco.

As previously reported, Dinwiddie Const. Co., Inc., 210 Crocker Building, San Francisco, awarded contract for the excavation, foundation and steel erection, and Herrick Iron Works, 1729 Cambell St., Oakland, awarded contract for structural steel.

Work is scheduled to be completed in March, 1938.

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contract Awarded  
BARRACKS BLDG. Est. Cost, \$14,000

ALAMEDA COUNTY, Cal. Near San Leandro (Alameda County Prison Farm).

One-story frame barracks bldg. (50x100-ft.) to be constructed on the grounds of prison farm.

Owner—County of Alameda.

Architect—James W. Placcheck, 511 McAnntille Bank Bldg., Berkeley.

Contractor—Arthur Holvoake, 2839 E. Ave., Hayward, \$13,100.

Complete bids follow:

Arthur Holvoake, Hayward \$13,100

D Nordstrom & Co., Oakland 13,250

D W. Nicholson, Oakland 13,978

John F. Tulloch, Oakland 14,523

L. Neilson, Berkeley 14,549

A. Fred Anderson, Oakland 14,698

N. H. Stoberg & Son, Oakland 14,961

E. T. Leiter & Sons, Oakland 15,439

Geo. Swanstrom, Oakland 15,795

Frank A. Stead, Berkeley 16,722

Contract Awarded  
FAIR BLDG., ETC.

Cont. Pr., \$12,494  
BOONEVILLE, Mendocino Co., Calif.

One-story frame exhibit building.

Owner—County of Mendocino.

Architect—John Easterly, Healdsburg and Santa Rosa.

Contractor—Allan F. Smith, 20 Sebastopol Ave., Santa Rosa.

## BIDS OPENED

OAKLAND, Alameda Co., Calif.—Adam Arras & Sons, 4008 18th St., San Francisco, at \$7,069, submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for the construction of a shed (183 x 25 ft.) at the Oakland Municipal Corporation Yard, of steel frame, corrugated metal roof and sides, to be constructed on pile foundation already in place.

Complete bids follow:

Adam Arras & Sons, S. F. \$7,069

John F. Tulloch, Oakland, 7,420

A. F. Anderson, Oakland, 7,540

W. K. Van Bokkelem, Oakland, 8,056

M.

Bids Wanted—To Close September 7, 1937.

FIREHOUSE ADDITION Cost, \$6,000  
HILLSBOROUGH, San Mateo Co., Calif. Ascot Road.

One-story frame and stucco addition to firehouse, terra cotta tile roof, wall board finish, gas steam radiators, overhead automatic rolling doors, slide fire flagpole.

Owner—Town of Hillsborough, City Manager Wisly.

Architect—Capt. E. L. Norberg, 407 Occidental Ave., Burlingame.

Plans and specifications obtainable from the office of the City Manager.

Bids will be opened at the City Hall.

## BIDS WANTED

SAN FRANCISCO.—Until Sept. 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of

Engine House No. 20 (48 x 92 ft.) on the south side of Greenwich St., 158 feet east of Steiner St.; of steel frame construction, tile roof, concrete masonry walls, wood frame reinforcing, cement and steel hose trowel, gas-fired steam plant.

Bids will be taken as follows: (1) General construction work. Est. cost, \$9,500; deposit for plans, \$25; (2) Mechanical work, est. cost, \$7,350; deposit for plans, \$15; and (3) Electric work, est. cost, \$3,500; deposit for plans, \$15.

Specifications may be obtained from the office of City Architect Chas. H. Sawyer, Room 265, City Hall.

Funds Allotted  
PRODUCTS TERMINAL BLDG.

Cost, \$305,334  
SAN FRANCISCO, Calif.

Products terminal building.

Owner—State of California (Board of Harbor Commissioners), Ferry Bldg.

Engineer—Frank G. White, Ferry Bldg.

\$400 grant in the amount of \$137,400 has been allotted to assist in financing.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 1, 1:45 p.m., bids will be received by the Department of Public Works, Rm. 251 City Hall, for furnishing and installing one wire guard on window of San Francisco Morgue, Kearny and Commerce Sts.

Specifications may be obtained from Superintendent of Public Bldgs. R. A. Chisholm, 484 11th St.

Bids Opened  
RE-ROOF BLDG. Cost, \$.....

SACRAMENTO, Sacramento County, Cal. State Office Bldg. No. 2.

Insulation and composition roofing on building.

Owner—State of California.  
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.  
 Low Bidder—Sacramento Roofing & Insulating Service, 12th and N. "B" St., Sacramento, \$2,783.

Two other bids submitted follow:  
 Bush Roofing Co., Sacto.....\$2,999  
 Alta Roofing Co., S. F.....4,974

Contract Awarded  
 MEMORIAL BLDG. Cont. Pr. \$2,164  
 PORTOLA, Plumas Co., Calif.  
 Veteran's Memorial Bldg.  
 Owner—County of Plumas.  
 Architect—Not Given.  
 Contractor—Howard Ross, Box 941, Nevada City.

Although bids were received for work complete, contract was awarded on only a small portion of the work, excluding heating, ventilating, plumbing, etc., according to announcement of County Clerk.

Bids Opened  
 REMODEL JAIL  
 FRESNO, Calif.  
 Remodel the county jail, strengthen structure, lower felony cells to ground floor and remodel second floor for use as holdover tank.

Owner—County of Fresno.  
 Architect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.  
 Low Bidder—R. Pedersen, 446 Clark St., Fresno—\$16,859.

Other bids follow:  
 Graduate Constr. Co., Fresno.....\$16,930  
 T. C. & W. H. Irwin, Fresno.....19,900  
 Haasen & Son, Fresno.....24,298

CONTRACT AWARDED  
 SAN FRANCISCO.—M. E. Vukobratovich, 666 Mission St., at \$1,789 was awarded contract by the Department of Public Works, City Hall, for general construction of lobby and elevator enclosure in the Civic Auditorium.

CONTRACT AWARDED  
 SAN FRANCISCO.—Anchor Post Fence Co., 460 Fifth St., at \$183, was awarded contract by the Department of Public Works, City Hall, for iron rail in the Controller's Office, City Hall.

Contract Awarded  
 REMODEL JAIL Cont. Pr., \$16,859  
 FRESNO, Fresno Co., Calif.  
 Remodel county jail (strengthen the structure, lower felony cells to ground floor and remodel second floor for use as holdover tank).

Owner—County of Fresno.  
 Architect—Allied Architects of Fresno (W. D. Coates, Supervising Architect), Fresno.  
 Contractor—R. Pedersen, 446 Clark, Fresno.

BIDS WANTED  
 SACRAMENTO, Calif.—Until Aug. 26, 8:15 p.m., bids will be received by the City of Sacramento, H. G. Denton, City Clerk, for moving and re-constructing four houses numbered as follows: 2990 San Jose Way, 2991 San Jose Way, 2984 43rd St., and 4224 5th Ave., Sacramento.

Sub-Contracts Awarded  
 JAIL Cont. Price, \$14,797  
 WATSONVILLE, Santa Cruz Co., Cal.  
 One-story reinforced concrete jail building (3 offices, 5 cells) concrete roof over cell portion and wood roof over offices; concrete floors in cells and wood floors in offices; steel sash.

Owner—City of Watsonville.  
 Architect—A. W. Story, Palajo Valley Bank Bldg., Watsonville.  
 Contractor—Friend & Resh, 309 Stan-

ford St., Watsonville.  
 Roofing, Lumber, Millwork—Hammond Lbr. Co., Walker and Kearny Streets.

Plumbing and Heating—P. J. Freiermuth Co., 247 Main Street.

Electric Wiring—Central Electric Co., 307 Main Street.

Sheet Metal—Watsonville Sheet Metal Works, Maple and Union Sts.

Glass—Salinas Glass Shop, 229 Salinas St., Salinas.

Foundations and Concrete—Granite Const. Co., Ltd., Walker & Kearny Streets.

Painting—Reid's Paint Store, 15 3rd Street.

Lathing and Plastering—Watsonville Plastering Co., 131-A Wall St.

All of Watsonville unless otherwise noted.

CONTRACT AWARDED  
 SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at \$168 awarded contract by the Department of Public Works, City Hall, for furnishing and installing acousti-Celotex 12x12-inch tiles on entire ceiling area of Rm. 205, Health Center Bldg., an area of approximately 15 ft. 9 in. X 17 ft. 10 in., and down side walls from ceiling to top of picture mould.

Bids Opened  
 LIBRARY Cost, \$.....  
 CARMICHAEL, Sacramento Co., Cal. County Library.  
 Owner—County of Sacramento.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Low Bidder—L. L. Watson, 1768 11th Ave., Sacramento—\$3,738.

Complete bids follow:  
 L. L. Watson.....\$3,738  
 H. W. Robertson.....3,950  
 W. E. Truesdale.....3,976  
 Lawrence Constr. Co.....3,985  
 All of Sacramento.

## 14—RESIDENCES

Bids In—Held Under Advertisment  
 RESIDENCE Cost, \$.....  
 SAN FRANCISCO, Forest Hill.  
 Two-story frame and stucco residence (seven rooms), composition shingle roof, hardwood floors, tile baths, etc.

Owner—Withheld.  
 Architect—F. F. Amandes, 414 Dewey Blvd.

Contract Awarded  
 RESIDENCE Cost, \$8,000  
 BURLINGAME HILLS, San Mateo Co., Calif. W 1/2 Lot 5 Blk 3 Hillside Drive.  
 Two-story frame and stucco residence.

Owner—Dr. Francis Baker, University of Calif. Hospital, San Francisco.  
 Architect—Not Given.  
 Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded  
 RESIDENCE Cont. Pr. \$5,840  
 SAN FRANCISCO Belgrade Avenue, near Shrader Street.  
 Two-story frame and stucco residence, composition shingle roof, hardwood floors, tile baths, wood sash.

Owner—A. E. Boyle, c/o Architect.  
 Architect—William C. Ambrose, 244 Kearny Street.  
 Contractor—C. O. Blincoe, 2663 16th Ave.

Contract Awarded  
 RESIDENCE Cost, \$22,500  
 SAN JOSE, Santa Clara Co., Calif.  
 University Drive near Dana St.  
 Two-story frame and stucco residence (11 rooms).  
 Owner—J. Derral Chase, Commercial Bldg., San Jose.  
 Architect—Not Given.

Contractor—Nielsen and Erbenstraut, 82 Hollywood Ave., San Jose.

To Be Done By Day's Work  
 RESIDENCES Cost, \$4,500 ea.  
 SAN FRANCISCO E 35th Avenue N of Santiago Street.

Three one-story and basement frame and stucco residences.  
 Owner and Builder—A. & D. Realty Co., 11th Ave. and Irving St.  
 Architect—Not Given.

Plans Completed—Owner To Take Sub Bids

RESIDENCE Cost, \$.....  
 SANTA ROSA, Sonoma Co., Calif.  
 Montecito and Bryden Lane.  
 One-story hollow tile and brick veneer residence (8 rooms) steel sash, shake roof, hardwood floors tile baths, gas furnaces.

Owner—Walter L. Olson, 716 Pine St., Santa Rosa.  
 Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Bids Wanted—To Close Sept. 27, 10 A. M.

RESIDENCE Cost, \$10,000  
 A GRANGE, Stanislaus Co., Calif.  
 One-story frame and stucco ranch house (12 rooms), tile roof, steel sash, oil heating plant, etc.  
 Owner—J. C. Bassano, c/o Architect.  
 Architect—G. N. Hiburn, 1210 K St., Modesto.

Plans and specifications may be obtained from the Architect's office.

Contract Awarded  
 RESIDENCE Contract Pr., \$13,382  
 OAKLAND, Alameda Co., Calif. 165 Beechwood Dr., Claremont Pines.  
 Two-story frame and stucco residence (8 rooms) hardwood floors, hot air gas fired heating system.

Owner—J. E. McCaulley.  
 Architect—Williams and Wastell, 337 17th St., Oakland.  
 Contractor—F. A. Kurtz, 364 41st St., Oakland.

Work Indefinitely Postponed  
 RESIDENCE Cost, \$.....  
 PALO ALTO, Santa Clara Co., Calif.  
 Two-story frame and stucco residence (8 rooms) hardwood floors, tile baths, wood shingle roof, oil-fired hot air heating system, etc.

Owner—Withheld.  
 Architect—A. C. Williams, 51 Arguello Blvd., San Francisco.  
 Bids were rejected and work postponed.

Contract Awarded  
 RESIDENCE Cont. Pr. \$8,685.25  
 STOCKTON, San Joaquin Co., Calif.  
 One-story frame, stucco and brick veneer residence (5 rooms) shingle roof, steel sash, tile bath, double garage.

Owner—Joseph Russo, c/o architect.  
 Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
 Contractor—D. C. Moore & Sons, 1161 N. Pilgrim St., Stockton.

Sub-Contract Awarded  
 DORMITORY Est. Cost, \$50,000  
 ALMA, Santa Clara Co., Cal. About three miles from Los Gatos.  
 Three-story frame dormitory (36x100 ft.) shingle roof, wood sash, hardwood floors, etc.

Owner—Jesuit Fathers Society of Jesus.  
 Architect—Edward Eames, 216 Pine St., San Francisco.  
 Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Window Shades—West Coast Lino-lum & Carpet Stores, 2703 Mission St., San Francisco.

Complete sub-contracts previously awarded published June 16 and July Preliminary Working Drawings  
 RESIDENCE Cost, \$8,000  
 STOCKTON, San Joaquin Co., Calif.

One-story frame, stucco and asbestos shingle residence, asbestos shingle and composition roof, hardwood floors, tile baths, etc.  
Owner—Withheld.  
Architect—Eric W. Johnson, 42 No. California St., Stockton.  
Upon completion of plans general bids will be asked.

**Bids In—Held Under Advertisment.**  
**RESIDENCE** Cost, \$16,000-\$17,000  
SAN FRANCISCO, Marina District.  
Two-story frame and stucco residence (8 rooms, 2 baths) roof garden, terra cotta tile roof, hardwood floors, combination wood and steel sash, automatic hot water heating system, electric range, two extra lavatories.  
Owner—Ida Biancalana, care architect.  
Architect—A. H. Larsen, 333 Kearny.

**BIDS OPENED**  
**RESIDENCE** o/cat, \$.....  
OAKLAND, Alameda Co., Calif.  
One-story frame and stucco residence (five rooms) wood shingle roof, hardwood floors, tile baths.  
Owner—Clay Sherman, c/o Architect.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,500  
BERKELEY, Alameda Co., Cal. 3090 Buena Vista St.  
Two-story frame and stucco residence (7 rooms).  
Owner and Builder—C. F. B. Roeth, 2545 Cedar St., Berkeley.  
Architect—Not Given.

**Contract Awarded**  
**RESIDENCE** Cost, \$11,000  
BURLINGAME HILLS, San Mateo Co., Calif. E. Los Robles Dr.  
Two-story frame and stucco residence.  
Owner—A. B. C. Cargill, Hale Drive, Burlingame.  
Architect—Not Given.  
Contractor—Wallace Waterhouse 1235 Shafter St., San Mateo.

**Contract Awarded**  
**REMODEL RESIDENCES** Cost, \$11,886  
SACRAMENTO, Calif. 4107 to 4400 4th Ave.  
Remodel and reconstruct residences. Owner—City of Sacramento.  
Architect—Not Given.  
Contractor—H. Finnigan, 1714 16th St., Sacramento.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$15,000  
SAN FRANCISCO, NE Lansdale and Castias Sts.  
Two-story and basement frame and stucco residence.  
Owner & Builder—F. B. Modglin, 944 Phelan Bldg.  
Architect—Martin Rist, 944 Phelan Bldg.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$5,000  
SAN ANSELMO, Marin Co., Calif.  
One-story California ranch house, of frame and stucco and brick veneer construction, shake roof, wood and steel sash, hardwood floors tile baths.  
Owner—Withheld.  
Architect Mario Corbett, 72 Third Ave., San Mateo.

Upon completion of plans, general bids will be received from a selected list of contractors.

**PLANNED**  
PALOS VERDES KNOLLS, Los Angeles Co., Cal.—F. A. Stearns, 3876 W. 6th St., Los Angeles, or Lucera Circle, Palos Verdes, proposes construction of forty residences in Palos

Verdes Knolls to sell at \$4800 to \$7,000 each. Two of the houses are already under way and work on four more will start at once. Mr. Stearns is subcontracting the various trades. Dr. Wade D. Willey is associated with Mr. Stearns in the project.

**SUB-BIDS WANTED**  
WOODSIDE, San Mateo Co., Calif.—Carter Const. Co., 147 Fourth St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for the construction of the Silverstein residence at Woodside, for which bids will be opened Aug. 25, Noon.  
Plans by Architect Charles E. J. Rogers, Phelan Bldg., San Francisco.

**Plans Being Figured—To Close Sept. 2, 10 A. M.**  
**RESIDENCE** Cost, \$12,000  
ROSEVILLE, Placer Co., Calif.  
Two-story frame and stucco residence (shake roof, hardwood floors, two tile baths, gas furnace, etc.).  
Owner—Dr. Lucas Empy, c/o Architect.  
Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.  
Following is partial list of selected contractors figuring plans:  
R. P. Mussetter, Box 892, Auburn.  
Henry K. Giessler, 526 Elefa St., Roseville.  
F. Collaro, Roseville.

**Plans Being Figured—To Close Sept. 1, 10 A. M.**  
**RESIDENCE** Est. Cost, \$7,000  
SACRAMENTO, Calif.  
Two-story frame and brick veneer residence, shingle roof, steel sash, tile floors in baths, oil burning heating system.  
Owner—Dr. Saverien, c/o Architect.  
Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.

Plans are being figured by a selected list of contractors to be announced shortly.

**Plans Being Figured**  
**RESIDENCE** Cost, \$.....  
HILLSBOROUGH, San Mateo Co., Calif.  
Two-story reinforced concrete residence (20 rooms, 5 baths), steel sash, concrete and copper roof, gas-fired hot air heating system.  
Owner—Jennison Heaton, c/o Architect.  
Architect—W. F. Ruck, 557 Market St., Room H, San Francisco.  
Civil Engineer—Z. Witkin, 557 Market Street.  
Revised plans are now being figured by a selected list of contractors.

**Completing Plans**  
**RESIDENCES** Cost, \$5,000 each  
SAN FRANCISCO, Calif. Vistacion Valley.  
Four one-story and basement frame and stucco residences (5 rooms each).  
Owner & Builder—The Ruegg Co., 36 Pine St.  
Architect—Albert H. Larsen, 333 Kearny St.

**Plans Being Figured—To Close Aug. 30, 2 P. M.**  
**RESIDENCE** Cost, \$.....  
HILLSBOROUGH, San Mateo Co., Calif.  
Two-story reinforced concrete residence (20 rooms, 5 baths), steel sash, concrete and copper roof, gas-fired hot air heating system.  
Owner—Jennison Heaton, c/o Architect.  
Architect—W. F. Ruck, 557 Market St., Room H, San Francisco.  
Civil Engineer—Z. Witkin, 557 Market Street.

As previously reported, plans are being figured by the following se-

lected list of contractors:  
Mooney & MacDonald, 1473 Burlingame Ave., Burlingame.  
W. W. Williams Co., 315 Primrose Rd., Burlingame.  
J. R. Armstrong, 1131 Fleet Road, Oakland.

**Bids In—Held Under Advertisment.**  
**RESIDENCE** Est. Cost, \$9,000  
WOODSIDE, San Mateo Co., Calif.  
One-story frame and stucco residence (5 rooms, 3 baths) hardwood floors, tile baths, etc.  
Owner—Irma Casper Silverstein, c/o Architect.  
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.  
Announcement shortly.

**Sub Contracts Awarded**  
RANCH HOUSE Cont. Pr., \$15,451  
ST. HELENA, Napa Co., Calif.  
tory wood ranch house (teneteeteeeteeetee)  
Two-story wood ranch house (ten G G G G G), hardwood floors, linoleum baths, of burning hot air heating system, rigid asbestos shingle roof, etc.  
Owner—E. L. Harris, St. Helena.  
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
Contractor—Earl Long, 2206 Tockey St., Napa.  
Roofing—Don E. Mohn, c/o Napa Lumber Co.  
Plumbing—H. Schwarz Co., 918 Main St.  
Electric Wiring—Earl G. Wilson, 928 Brown St.  
Sheet Metal—Graham & Hall Sheet Metal Works, Ltd., Pearl and Randolph Sts.  
Glass, Mill Work—Jaekle Bros., 948 Third St.  
Hardwood Floors—Napa Hardwood Floor Co., Rt. 2, Box 2682.  
Brick and Stone Work—Geo. Jorgenson, Atlas Way, Box 502.  
Grading Foundations and Concrete—J. G. Hartley.  
Lumber—Napa Lumber Co.  
Linoleum—Ratto & Walker.  
All of Napa.

## 15—SCHOOLS

**Plans Completed**  
**SCHOOL** Est. Cost, \$60,000  
LOYALTON, Sierra Co., Calif.  
One-story frame school building (12 classrooms and assembly hall), concrete foundation, single roof.  
Owner—Loyalton School District.  
Architect—W. E. Coffman, Forum Bldg., Sacramento.  
Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
Plans are now in Sacramento awaiting approval of State Division of Architecture.

**New Bids Wanted—To Close September 3, 8 P. M.**  
**SCHOOL ADDN.** Est. Cost, \$43,000  
CONTRA COSTA CO., near Pittsburg, Ambrose School District.  
Three additional classrooms and an auditorium for Ambrose School.  
Owner—Ambrose School District.  
Architect—Harold H. Weeks, 593 Market St., San Francisco.

Plans and specifications may be obtained at the architect's office and at the school upon deposit of \$20.  
Bids will be opened at the school. At previous bid opening, Aug. 12, C. M. Norgrove, 2220 Roosevelt Ave., Berkeley, submitted low bid, at \$51,775.

**BIDS WANTED**  
LOS ANGELES, Calif.—Until September 1, 2 p.m., bids will be received by the Los Angeles Board of Education for construction of central portion of rein. conc. administration building at the Abraham Lincoln high school, 3501 N. Broadway. Plans may be obtained at 425 San Pedro

St. upon deposit of \$25. Albert C. Martin, architect, 233 Higgins Bldg. The board last January rejected as too high bids previously submitted for this work. The low bid was \$99,999.99 and was submitted by Del E. Webb, general contractor for the other buildings now under construction on the site.

#### FUNDS ALLOTTED

**MOJAVE**, Kern Co., Calif.—Mojave Elementary School District will call for bids shortly for a new school building to be built on the old airport site in Mojave. The Federal government this week gave final approval for a \$60,000 PWA grant for the project and the district last October voted bonds in the sum of \$90,000, making a total of \$150,000 available for financing. Plans and specifications have been completed and checked by the state. Building will contain 7 classrooms, a 2-room kindergarten, kitchen, offices, and an auditorium to seat 400 persons; A. C. Zimmerman, architect, 709 H. W. Hellman Bldg., Los Angeles.

#### Funds Allotted

**SCHOOL** Cost, \$109,000  
**FRUITRIDGE**, Sacramento Co., Cal. Two-story frame elementary school building, 19 classrooms, large assembly hall.

Owner—Fruitridge School District. Architect—Charles Dean, Calif. State Life Bldg., Sacramento.

A bond issue of \$60,000 was approved at a special election November 15 and PWA grant allotted for \$49,001.

#### Plans Completed

**SCHOOL** Cost, \$181,000  
**FORT BRAGG**, Mendocino Co., Calif. One-story frame high school building and 19 classrooms, gymnasium and auditorium, cafeteria and offices, steel trusses.

Owner—Fort Bragg Union High Sch. District. Architect—W. E. Coffman, Forum Bldg., Sacramento.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

PWA grant for 45% of cost of high school has been applied for, and Fort Bragg School District voted bonds in the amount of \$100,000.

#### Sub Contracts Awarded

**REHABILITATE SCHOOL** Cont. Fr., \$15,778  
**BRENTWOOD**, Contra Costa County, Calif.

Structural rehabilitation of Brentwood Deer Valley Grammar School.

Owner—Brentwood School District. Architect—Frederick H. Reimers, 233 Post St., San Francisco.

Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.

Contractor—George Roek, 830 N. Pacific Ave., Stockton.

Contract awarded under unit providing for rehabilitation of main entrance and auditorium.

**Roofing**—Nobel H. Brown Roofing Co., 130 W. Fremont St., Stockton.

**Electric Wiring**—Grove Electric Shop, 11 Street, Brentwood.

**Gunite, Concrete & Tile**—Cement Gun Constr. Co. of Calif., 9 Main St., San Francisco.

**Structural and Miscellaneous Iron & Reinforcing Steel**—Kyle & Co., Inc., West's Lane, Stockton.

**Lumber**—Brentwood Lumber Co., Brentwood.

**Mill Work**—Electric Planing Mill, 545 S. Monroe St., Stockton.

**Concrete**—F. Kaus, 2726 E. Main St., Stockton.

**Bids Wanted—To Close September 15, 4:45 P. M.**

**RE-ROOF SCHOOL** Cost, \$.....  
**BERKELEY**, Alameda County, Calif. Claremont Ave., bet. Ashby Ave. and Webster St.

Re-roof John Muir School. Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia St. Structural Engineer—Thos. F. Chace, Berkeley Board of Education. Bids will be opened in the office of the School Board.

**Completing Plans**  
**SCHOOL** Cost, \$16,000  
**MERCED**, Calif.

One-story frame and stucco school building (2 classrooms and toilet room).

Owner—Merced Elementary School District. Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Bids will be called in about one week.

**Preparing Working Drawings**  
**HIGH SCHOOL** Cost, \$57,765  
**POINT ARENA**, Mendocino Co., Cal.

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and auditorium to seat 300.

Owner—Point Arena Union High Sch. District. Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

District allotted grant by PWA in the amount of \$25,994. Bonds to complete financing approved May 18.

Preliminary plans approved and working drawings now being started.

**Bids Wanted—To Close Sept. 7, 2 P. M.**

**SCHOOL** Cost, \$.....  
**SANTA CLARA CO.**, Calif. North side Gish Road, near Oakland Highway.

One-story frame two-room school building on the grounds of the existing schoolhouse site.

Owner—Orchard School District (J. O'Brien, Clerk). Architect—Chas. McKenzie, 420 Two-hy Bldg., San Jose.

Plans and specifications may be obtained from the Architect's office.

**Bids Rejected for Moving School**  
**MOVE SCHOOL, ETC.** Cost, \$.....

**ALUM ROCK**, Santa Clara Co., Calif. Move existing Palo School in parcels from present site, Capitol and McKee roads, to 30-acre site at northwest corner of White Road and Alum Rock Avenue and construct addition of two classrooms, auditorium, cafeteria and toilet room of frame and stucco construction.

Owner—Alum Rock Union School District (Principal, Thomas Ryan). Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.

Alum Rock Union School District voted bonds July 14 in the amount of \$35,000, proceeds to finance construction.

Bids received for moving school have been rejected and entire project postponed for three months.

**Funds Allotted**  
**SCHOOLS** Cost, \$175,980  
**SELMA**, Fresno Co., Calif.

Garfield and Washington Schools (Garfield to contain ten classrooms, offices, rest room, library and auditorium to seat 500; and Washington to contain 8 classrooms, offices, library and rest room).

Owner—Selma Elementary Sch. Dist. Architect Not Given.

Grant in the amount of \$79,191 allotted by PWA.

#### BOND ELECTION

TRACY, San Joaquin Co., Calif.—Tracy Elementary School District will vote next month on a proposal to issue bonds in the amount of \$50,000, proceeds to finance construction of a new school building.

**Bids Wanted—To Close August 31, 7:30 P. M.**  
**SCHOOL ADDITION** Cost, \$.....

WEED, Siskiyou Co., Calif. Classroom addition to the Weed High School.

Owner—Siskiyou Union High School District. E. H. Kaupp, Clerk, Yreka.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Plans and specifications obtainable at the office of the architects and at the office of the High School District Supt., J. E. Hurley, Yreka, upon deposit of \$10.

#### BIDS WANTED

**LOWELL DISTRICT**, Los Angeles Co., Calif.—Until Sept. 3, 7:30 p.m. bids will be received by the Lowell Joint School District of Los Angeles and Orange Counties for the construction of Units Nos. 1, 2 and 3 at the Lowell school. Plans may be obtained at the office of Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, upon deposit of \$10 per set.

**Bids Wanted—To Close September 7, 8 P. M.**

**CLASSROOM BUILDINGS** Est. Cost, \$4,500  
**KERN CO.**, Calif. Vineland School District.

Three frame temporary classroom buildings.

Owner—Vineland School District. Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

Plans and specifications may be obtained from the Architect's office upon deposit of \$5.

**Bids Wanted—To Close Sept. 18, 9 A. M.**  
**SCHOOL** Est. Cost, \$7,000  
**CANTIL**, Kern Co., Calif.

One-story frame and stucco school building (classroom, supply and toilet rooms).

Owner—Red Rock School District, Cantil.

Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$10.

Bids will be opened Sept. 18, 2 p.m.

#### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Geo. Gartz, 124 W. 6th St., Los Angeles, awarded contract at \$70,000 for construction of a new pathological building, 66x 123 feet in area, at 1721 Griffin Ave. for the College of Osteopathic Physicians & Surgeons. It will be a 2-story reinforced concrete Class A structure and will contain three laboratories, 2 classrooms, library and general offices. Louis L. Dorr, architect, 906 Architects' Bldg.

#### CONTRACT AWARDED

**OAKLAND**, Alameda Co., Calif.—Kiss-Crane Service, 140 First St., San Francisco, at \$800, awarded contract by the Oakland Board of Education for demolition and removal of the Montclair School, Thorn and Mountain Bldg.

#### BIDS WANTED

**LOWELL DISTRICT**, Los Angeles Co., Calif.—Until Sept. 3, 7:30 p.m. bids will be received by the Lowell Joint School District of Los Angeles and Orange counties for the construction of Units Nos. 1, 2 and 3 at

the Lowell School. Unit No. 1 will be a 1-story cafeteria, classroom, administration and library unit. Units Nos. 2 and 3 will consist of the demolition of two brick classroom buildings and the reconstruction of same using wood frame and stucco construction. Plans may be obtained at the office of Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, upon deposit of \$10. The following contractors will submit bids: Steed Bros., 942 E. Main, Alhambra; Willard Lutz, 1630 Lyman Place; Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles.

#### BID OPENING DATE POSTPONED

LOS ANGELES, Calif.—Until September 8, 2 p.m. (bid opening date postponed from Sept. 1), bids will be received by the Los Angeles Board of Education for construction of central portion of administration building at the Abraham Lincoln High School, 3501 N. Broadway. Plans may be obtained at 1425 San Pedro St. upon deposit of \$25. Building will be a reinforced concrete structure with tile and composition roofing, steel sash, sheet metal, metal lath and plaster, steam heat, marble and tile work. Albert C. Martin, architect, 233 Higgins Bldg. The board last January rejected as too high bids previously submitted for this work. The low bid was \$99,999.99, and was submitted by Del E. Webb, general contractor for the other buildings now under construction on the site.

#### BIDS OPENED

FILLMORE, Ventura Co., Calif.—Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, submitted low general contract bid to Fillmore Union High School District at \$147,729 for construction of a science building and a junior high school building in Fillmore. Low bidders on other contracts were: Plumbing, H. A. Bays, 228 W. Main St., Santa Paula, \$648.41; cooling and heating, J. Herman Co., 1349 E. Vernon, Los Angeles, \$17,600; electric wiring, Seaside Electric Co., 97 S. Oak St., Ventura, \$4275; painting, Wm. Geifan, 646 S. La Brea, Los Angeles, \$3680. Bids were referred to the architect, John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles. Complete bids were:

#### GENERAL CONTRACT

Burnzell & Jacobson, \$147,729; (a) if monolithic finish used, deduct \$300. (b) if all finish in rooms 207 and 210 omitted, deduct \$1513; (c) if oak floors used in place of Oregon pine, add \$428; (d) if coloring and marking of cement corridor floor omitted, deduct \$360; (e) if lavatory fixtures omitted, deduct \$4500.  
Wm. J. Shirley, \$148,574; (a) \$680 (b) \$1687 (c) \$580 (d) \$115 (e) \$4500.  
De Camp-Hudson Co., \$148,911; (a) \$400 (b) \$1750 (c) \$500 (d) \$675 (e) \$4500.  
Chas. J. Dorfman, \$151,000; (a) \$500 (b) \$1827 (c) \$50 (d) \$495 (e) \$4500.  
Harry Miller, \$151,390; (a) \$478 (b) \$1758 (c) \$400 (d) \$75 (e) \$5000.  
H. A. Nichols, \$152,327; (a) \$137 (b) \$1671 (c) \$525 (d) \$372 (e) \$4500.  
H. B. Nicholson, \$152,628; (a) \$700 (b) \$1361 (c) \$390 (d) \$120 (e) \$4200.  
W. J. Distell, \$154,097; (a) \$250 (b) \$1922 (c) \$178 (d) \$415 (e) \$4800.  
David J. Reed, \$154,400; (a) \$500 (b) \$1422 (c) \$400 (d) \$315 (e) \$4800.  
Theo. A. Beyer Corp., \$154,431; (a) \$333 (b) \$1690 (c) \$473 (d) \$434 (e) \$4500.  
Carlo Bongiovanni, \$154,555; (a) \$600 (b) \$1350 (c) \$500 (d) \$100 (e) \$4500.  
H. Mayson, \$155,900; (a) \$100 (b) \$1700 (c) \$530 (d) \$345 (e) \$4500.  
W. W. Felbey, \$156,975 (a) \$571 (b)

\$1948 (c) \$500 (d) \$781 (e) \$4835.  
E. F. Wopschall, \$157,000; (a) \$160 (b) \$1580 (c) \$553 (d) \$300 (e) \$4882.  
Wm. T. Loesch & Sons, \$157,640; (a) \$350 (b) \$1444 (c) \$429 (d) \$350 (e) \$4500.

Arthur Pinner, Jr., \$158,658; (a) \$900 (b) \$1640 (c) \$516 (d) \$459 (e) \$4840.

Duff & Vandenhoozen Co., \$159,900; (a) \$295 (b) \$1576 (c) \$593 (d) \$644 (e) no bid.

J. K. Thomas, \$159,979; (a) \$250 (b) \$1000 (c) \$350 (d) \$230 (e) \$4400.  
Lynch-Cannon Engr. Co., \$160,750; (a) \$50 (b) \$1500 (c) \$600 (d) \$450 (e) \$4500.

Schuck Const. Co., \$163,600; (a) \$175 (b) \$1500 (c) \$575 (d) \$750 (e) \$4775.  
Stanton-Reed Co., \$164,849; (a) \$356 (b) \$1762 (c) \$361 (d) \$505 (e) \$4650.  
Archibald & Singleton, \$165,479; (a) \$400 (b) \$1500 (c) \$375 (d) \$900 (e) \$4700.

Whittaker & Snook, \$165,000; (a) \$156 (b) \$1500 (c) \$600 (d) \$450 (e) \$4800.

H. A. Bays, \$648.61; Associated Plumbers, \$10,074; Harry Barkeley Co., \$10,490; Munger & Munger, \$10,945; Thos. J. Hogan, \$11,284; Hickman Bros., \$11,670; Edward H. Martin, \$12,144; Johnston & Washer, \$12,987; Lohman Bros., \$13,500.

PLUMBING  
J. Herman Co., \$17,600; (a) if cooling towers omitted, \$12,600; (b) if heating omitted in rooms 207 and 210, \$17,600.

R. Swank Co., \$18,443; (a) deduct \$3126; (b) no bid.  
Hickman Bros., \$19,253 (a) \$14,305 (b) \$19,115.  
Munger & Munger, \$18,559; (a) \$14,559; (b) no bid.

deJongh-Howells Co., \$19,149; (a) \$1582; (b) deduct \$160.  
J. C. Dunn, \$19,317.11; (a) \$14,919 (b) \$19,279.17.

B. K. Stoneman, \$20,450; (a) \$16,750; (b) no bid.  
Lohman Bros., \$21,300; (a) \$17,900; (b) no bid.

ELECTRIC WORK  
Seaside Electric Co., \$4275; (a) if work in rooms 207 and 210 omitted, deduct \$38.  
Stanley Roman, \$4415.59; (a) \$92.  
N. H. Anderson, \$4447; (a) \$47.  
English Electric Co., \$4777.00 (a) \$45.08.

H. H. Walker, \$5260 (a) no bid.  
R. R. Jones Elec. Co., \$5353; (a) \$49.  
Golden State Elec. Co., \$5758; (a) \$58.

Shamel Elec. Co., \$5870; (a) \$5175.  
Newbery Elec. Co., \$5907; (a) \$50.

PAINTING  
Wm. Geifan, \$3680; (a) if all painting of plastered surface is omitted, deduct \$1180; (b) if finish in rooms 207 and 210 is omitted, deduct \$80.  
T. A. Rucker, \$3822; (a) \$1200; (b) \$40.

Angeles Painting & Decorating Co., \$3920; (a) \$1200; (b) \$60.  
H. J. McKinley, \$3948; (a) \$475 (b) \$125.

V. E. Mauck, \$4533.60; (a) \$1664; (b) \$59.  
H. Wasserman, \$5195; (a) \$1596; (b) \$120.

Arenz-Warren Co., \$6569; (a) \$2,000; (b) \$161.

Bids To Be Asked Shrtly  
SCHOOL'S Cost, \$175,980  
SELMA, Fresno Co., Calif.  
Garfield and Washington Schools

(Garfield to contain ten classrooms, offices, rest room, library and auditorium to seat 500, and Washington to contain 8 classrooms, offices, library and rest room).

Owner—Selma Elementary School District.  
Architect—W. D. Coates, Rowell

Bldg., Fresno.  
Grant, in the amount of \$79,191 allotted by PWA.

CONTRACT AWARDED  
HILT, Siskiyou Co., Calif.—Robrer & Hart, Montague, at \$899, submitted low bid and was awarded contract by the Hilt Elementary School District. (Mrs. W. Holmberg, Clerk), for alterations to the Hilt Elementary School building.

One other bid was submitted without accompanying certified check and was not considered.

CONTRACT AWARDED  
LEMOORE, Kings Co., Calif.—R. Brown Construction Co., 118 S. Day St., Madera, at \$14,450, awarded contract subject to the approval of the PWA by the Lemoore Union High School District, for pump and sprinkler system, sidewalk and curbs, at the Lemoore High School.

Bids received for tennis courts were rejected.  
Plans by Architect E. J. Kump, Rowell Bldg., Fresno.

Contract Awarded  
SCHOOL ADDITION Cont. Pr., \$14,670  
TULARE, Calif.  
One-story concrete addition (three classrooms) to the Lincoln Grammar School; composition roof.  
Owner—Lincoln Elementary School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.  
Contractor—Midstate Constr. Co., 245 Clinton St., Fresno.  
Second and third low bids submitted by:

R. P. Moore, Fresno, \$16,268  
R. Pedersen, Fresno, \$6,918

Sub Contracts Awarded  
SCHOOL ADDITION Cont. Pr., \$33,027  
SACRAMENTO, Calif. 16th and Vallejo Way.  
One-story frame and brick veneer addition of six classrooms.  
Owner—Sacramento City School District.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Contractor—Otto Steinbrenner, 2146 Franklin St.  
Roofing—Capital Roofing Co., 2011 O Street.  
Plumbing & Heating—J. J. McDermott, P.O. Box 2405.  
Sheet Metal—M. R. Carpenter, 907 Front St.

Tile Work—H. F. Fisher Tile & Marble Co., 376 17th St., Oakland.  
Electric Wiring—Commercial Electric Co., 45 Northwood Dr., San Francisco.  
Hardwood Floors—Fred E. Turner Co., 557 Market St., San Francisco.  
Iron Grille Work—Palm Iron & Bridge Works, P.O. Box 746, Brick & Stone Work—H. Redmond, 2414 H St., Sacramento.  
Lumber—Capital Lumber Co., P.O. Box 1176.  
Mill Work—Sierra Mill Co., Third & O Streets.  
Painting—W. H. Raymond, 2710 Daner Way.  
Lathing & Plastering—S. Tuchfarber, 2116 36th St.  
Linoleum—Edlers, 1825 J St.  
All of Sacramento, unless otherwise noted.

Contract Awarded  
HEATING PLANT Cont. Pr., \$13,649  
AUBURN, Placer Co., Calif.  
Installation of heating plant at the Placer Junior College.  
Owner—Placer Junior High School District, Auburn.  
Architects—Masten & Hurd, 442 Post St., San Francisco.



**Contractor**—Auburn Lbr. Co., Auburn  
 Three low bids follow:  
**Auburn Lbr. Co., Auburn**.....\$15,939  
**Dutton-Cochrane Co., S. F.**.....17,577  
**The Scott Co., Oakland**.....18,100  
 Bid of Auburn Lumber Co. accepted at \$13,649, omitting Alt. 1.

**Plans Completed**  
**SCHOOL BLDG.** Est. Cost, \$144,000  
 ALAMEDA, Alameda Co., Calif. Bay  
 Santa Clara Ave. (Mastick  
 School).

One-story modernistic U-shaped elementary school bldg. (12 classrooms, gymnasium, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire resistant roof of the composition type; to be built on the unit plan around a central courtyard.

**Owner**—Alameda Board of Education (Wm. G. Faden, Superintendent).  
**Architect**—Kent & Haas, Underwood Bldg., San Francisco

Plans and specifications for first unit of work consisting of 12 classrooms with low-pressure steam heating system, are now in Sacramento awaiting approval of State Division of Architecture. Cost of first unit is estimated at \$80,000 and will be financed by the 1937-38 School District tax; the second unit, consisting of gymnasium, auditorium and administration buildings, will be constructed next year and financed likewise by the 1938-39 School Tax. (2995) 1st report Apr. 14; 2nd, Apr. 15, 1937

**Correction in Contractor's Name**  
**SCHOOL ADDITION**

**TULARE, Calif.** Cont. Pr., \$14,670  
 One-story concrete addition (three classrooms) to the Lincoln Grammar School; composition roof.

**Owner**—Lincoln Elementary School District.  
**Architect**—W. D. Coates, Rowell Bldg., Fresno.

**Contractor**—Richmond Constr. Co.  
 Complete bids follow.

**Richmond Constr. Co., P.O.**  
 Est. \$2 .....\$14,670  
 R. P. Moore ..... 16,266  
 R. Pedersen ..... 16,918  
 Harris Constr. Co. .... 17,313  
 L. H. Hansen & Son ..... 17,865  
 " & W. H. Irwin ..... 17,951  
 Hodgson & Sons, Forterville ..... 18,250  
 Midstate Constr. Co. .... 18,888  
 Trewhitt-Shields & Fisher ..... 18,911  
 All of Fresno, unless otherwise noted.

It was reported in error August 25 that Midstate Constr. Co. had been awarded this contract.

## 16—BANKS, STORES AND OFFICES

**To Be Done By Day's Work**  
**ADDITION** Cost, \$22,000  
**STOCKTON, San Joaquin Co., Cal.**  
 1601 S. El Dorado Street.  
 Addition to frame building.  
**Owner and Builder**—Berg Oil Co.,  
 1501 S. El Dorado St.  
**Architect**—Not Given.

**Contract Awarded**  
**STORE ADDN.** Cost, \$10,000  
**FRESNO, Fresno Co., Cal.** 932 Van  
 Ness Avenue.  
 Addition to store building.  
**Owner**—T. J. Buford, 932 Van Ness  
 Ave., Fresno.  
**Architect**—Not Given.  
**Contractor**—K. R. Smith, 423 Cortland  
 Ave., Fresno.

**Contract Awarded**  
**ALTER STORES** Cont. Pr., \$3,854.30  
**SANTA ROSA, Sonoma Co., Calif.**  
 Hammann Bldg., Fourth St.  
**Alter**—Hammann's Apparel Store and  
 Pedersen's Store in the Hammann

**Building.**  
**Owner**—Mrs. Hahmann, c/o Architect.

**Architect**—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
**Contractor**—E. Ahlstrom, 323 1/2 So.  
 R Ave., Santa Rosa.

**Contract Awarded**  
**BANK BLDG.** Cost, \$.....  
**KERMAN, Fresno Co., Calif.**  
 One-story frame and stucco bank  
 of America building (27x55 ft.),  
 composition roof, concrete floors,  
 asphalt tile.  
**Owner**—Capital Co., 625 Market St.,  
 San Francisco.

**Plans by Eng. Dept. of Owner.**  
**Contractor**—O. C. Moroney, 1437  
 Drake Ave., San Francisco.

**Completing Plans**  
**MEDICAL BLDG.** Cost, \$23,000  
**MARYSVILLE, Yuba Co., Cal.** H and  
 4th Streets.

One-story frame and stucco medical bldg. (offices, treatment rooms, etc.) completely air-conditioned.

**Owner**—Withheld.  
**Architect**—Chas. F. Dean, California  
 State Life Bldg., Sacramento.  
 General bids will be asked in about  
 two weeks.

**Sub-Contract Awarded**  
**FACTORY ADDN.** Cost, \$80,000  
**SAN FRANCISCO, 17th and Rhode**  
 Island Streets.  
 Reinforced concrete addition to can  
 factory (86x200 ft.) elevator, spiral  
 chutes, etc.

**Owner**—Western Can Company.  
**Engineer**—L. S. Rosener, 233 San-  
 some Street.

**Contractor**—Barrett & Hiip, 918 Har-  
 rison Street.  
**Painting**—D. Zelinsky & Sons, Inc.,  
 165 Grove St.

Complete sub-contracts previously  
 awarded published June 16 and July  
 6.

**Contract Awarded**  
**ALTER STORE** Cost, \$13,000  
**SAN FRANCISCO, NW Jackson and**  
 Van Ness Ave.  
 Alter store building.

**Owner**—Wm. D. McGann, 404 Post St.  
**Architect**—Not Given.  
**Contractor**—Barrett & Hiip, 918 Har-  
 rison Street.

**CONTRACT AWARDED**  
**MONTHROSE, Los Angeles Co., Cal.**  
 Rolt H. Williams, 2346 Del Mar  
 Rd., Montrose, has been awarded a  
 contract for the erection of a 1-story  
 reinforced brick bank building (75 x 40  
 ft.) at the corner of Honolulu Ave.  
 and Ocean View Blvd., Montrose, for  
 J. W. Slater; Security-First National  
 Bank, L. A., located at Sidney Clifton  
 architect, 561 S. Spring St., Los An-  
 geles.

**CONTRACT AWARDED**  
**RIVERSIDE, Riverside Co., Calif.**  
 Harvey A. Nichols, 936 E. Slauson  
 Ave., Los Angeles, awarded contract  
 for erection of a new bank building,  
 60x100 ft. on the NW corner of Main  
 and 9th Sts., Riverside, for Bank of  
 America. Plans by the Capital Co.,  
 643 S. Olive St., Los Angeles.

**CONTRACT AWARDED**  
**SANTA MONICA, Los Angeles Co.,**  
**Cal.** John T. Bibb, 118 North Brand  
 Blvd., Glendale, awarded contract for  
 1-story reinforced concrete tool bldg.  
 (100-100 ft.) in Santa Monica for the  
 Southern California Telephone Co.  
 Plans by owner's engineering depart-  
 ment, 740 S. Olive St., Los Angeles.

**CONTRACT AWARDED**  
**WEST LOS ANGELES, Cal.**—John  
 H. Wilke, room 305, 2404 W 7th St.,  
 Los Angeles, will build three 1-story  
 reinforced concrete and brick build-

ings (auto laundry, repair shop and  
 sales building) on a site 156x115 ft.  
 in area at 1246-55 Glendon Ave., West  
 Los Angeles, for a client. Holmes &  
 Narver, engineers, 639 S Spring St.,  
 Los Angeles.

**Contract Awarded**  
**BANK** Cost, \$28,000  
**SAN FRANCISCO, SE Clement and**  
**7th Ave.**  
 New bank building.  
**Owner**—American Trust Co., 464 Cali-  
 fornia St.  
**Plans by** W. W. Harper, c/o Con-  
 tractor.

**Contractor**—Lindgren & Swinerton,  
 Inc., 225 Bush St.  
 It was previously announced in  
 error that contract had been awarded  
 Monson Bros.

**Preparing Working Drawings**  
**ALTERATIONS** Est. Cost, \$30,000  
**SAN FRANCISCO, 838 Market St.**  
 Alterations to store entrance and  
 store.

**Owner**—Sommer & Kaufmann, Inc.  
**Architect**—A. R. Williams, 251 Post.  
 Plans will be completed in a week  
 and general figures taken from a  
 selected list of contractors.

**Preparing Preliminary Plans**  
**BANK, ETC.** Est. Cost, \$400,000  
**BERKELEY, Alameda Co., Cal.** Mil-  
 via and Center Streets.  
 New Federal Land Bank and office  
 building of not less than 5 stories.  
**Owner**—Farm Credit Administration.  
**Architect**—James W. Plachek, 511  
 Mercantile Bank Bldg., Berkeley.

August 25, 1937.  
**Sub Contracts Awarded**  
**MDICO-DENTAL BLDG.**

Cost, \$9,589  
**OAKLAND, Alameda Co., Calif.** Di-  
 mond District.  
 One-story frame medico-dental bldg.  
 Owner—Withheld.

**Architect**—G. E. Ellinger, 1801 Cas-  
 terline Road, Oakland.  
**Contractor**—Mark Bristol & Co., Inc.,  
 1628 McKinley Ave., Oakland.

**Roofing**—Guy Tyler & Sons, 1502  
 Cedar St., Berkeley.

**Plumbing**—Pederson Plumbing Ser-  
 vice, 3632 Sutter St.

**Electric Wiring**—Kerr & Clifford,  
 3525 E. 14th St.

**Sheet Metal**—Harer-Perry Co., 5662  
 Keith Avenue.

**Brick & Stone Work**—E. E. Dooley,  
 3221 Madeline St.

**Lumber**—Smith Lumber Co., 19th  
 Ave. and Estuary.

**Mill Work**—E. K. Wood Lumber Co.,  
 Frederick and King Sts.

**Hardware**—Lakeshore Hardware,  
 3343 Lakeshore.

**Painting**—R. A. DeBow, 3905 Lyman  
 Road.

**Lathing and Plastering**—Hoffman &  
 Thinn.

All of Oakland unless otherwise  
 noted.

**Plumbing, Heating, Ventilating**  
**Awarded**

**ALTERATIONS** Cost, \$200,000  
**SAN FRANCISCO, Claus Spreckels**  
**Bldg., Third and Market Sts.**

Alterations and additions to Claus  
 Spreckels Bldg., consisting of the  
 removal of the present four-story  
 dome and addition of seven new  
 floors, complete new lobby and  
 exterior modernization of build-  
 ing.

**Owner**—The Pacific States Savings  
 & Loan Company.

**Architect**—Albert F. Reller, Crocker  
 First National Bank Bldg.  
**Engineer**—H. J. Brunner, Sharon  
 Building.

**Contractor**—P. J. Walker Co., Sharon  
 Building.

**Plumbing, Heating & Ventilating**—  
 Frank Davidson, Ltd., 65 Chesley  
 St., \$30,675.

## PLANS BEING FIGURED

SANTA BARBARA, Calif.—Montgomery Ward & Co., Chicago, are taking bids for exterior and interior remodeling of a 4-story and basement store building at 1322 Figueroa St., Santa Barbara, for the company. Bids are to be submitted to the Chicago office on Sept. 7.

## 17—THEATRES

## CONTRACT AWARDED

CHINO, San Bernardino Co., Calif.—Hawalt Bros., for the awarded contract for adding to and remodeling the Woods theater in Chino for A. L. Woods. Addition will be a reinforced concrete structure. Work will include remodeling heating and cooling equipment. Seating capacity of the theater will be doubled. 17

## 19—MISC. CONSTRUCTION

## TO ASK BIDS SHORTLY

LONGVIEW, Cowlitz Co., Wash.—Consulting Engineers, Baar & Cunningham, Spalding Building, Portland, are completing plans for the Cowlitz County Public Utilities District No. 1, W. A. Cardwell, President, and will ask for bids about September 1, for the construction of 85 miles of transmission lines; REA project. Estimated cost, \$55,000.

## BIDS OPENED

HICKAM FIELD, T. H.—Robert E. McKee, 1128 Central Bldg., Los Angeles, at \$37,100 (Item 1) and \$11,700 (Item 2), submitted the only bids to the Constructing Quartermaster, Fort Mason, San Francisco, under Bid No. 397-38-3, for the construction and completion of concrete warming-up aprons. Hickam Field, T. H.

## Work involves:

- (1) Job complete;
- (2) Deductions—alternate. Excavation, grading and paving area line 48-64 and line 47-64, betw. Range 22-50 and Range 27-30 shown on drawing 397-2733, Sheet 10.

Bids opened Hickam Field not yet available.

## BIDS REJECTED

TORRANCE, Los Angeles Co., Cal.—Torrance City Council rejected all bids for booster pump and electrical equipment, August 10. Materials will be purchased in open market and installed by force account. Long Beach Iron Works submitted the low bid.

## AWARD SUBJECT TO REA

## APPROVAL

BONNER'S FERRY, Idaho.—Fritz Ziebarth, Inc., Security Bldg., Long Beach, Calif., was awarded contract subject to REA approval by the Idaho Rural Electrification Association, Inc. Sandpoint, Idaho, for the construction of 105 miles of power line near Bonner's Ferry.

Fritz Ziebarth, Inc., submitted low bid at \$90,992 (aluminum conductors) and \$93,103 (copper conductors). Whether the award was made on the aluminum or the copper conductors was not announced.

## CONTRACT AWARDED

LOS ANGELES, Cal.—Loyrich and Konjevod, 606 N Kings Road, at \$54,098 was awarded contract by Los Angeles Board of Education for constructing a concrete retaining wall and ground improvement work at the Belmont high school. Low bid of L. F. Dow Company was rejected on basis of error in estimate.

## PLANS COMPLETED

PLACENTIA, Orange Co., Calif.—Architect T. C. Kistner, 41 Architects' Bldg., Los Angeles, has com-

pleted plans, which have been submitted to the state, for an outdoor swimming pool, 50x75-ft. in area, to be built at the Valencia high school, Placentia, for the Placentia Unified School District. Est. cost, \$22,000.

## PLANS COMPLETED

CASTAIC, Los Angeles Co., Cal.—Architect A. G. Bailey, 1308 4th Ave., Los Angeles, has completed plans for a one-story dance hall and cocktail room building (80x100-ft.) to be built at Castaic for John G. Royal. A 10-unit frame and auto court will also be built on the site.

## AWARD SUBJECT TO REA

## APPROVAL

MODOC AND LASSEN COS, Calif.—Parker-Schram Co., Couch Bldg., Portland, Ore., at \$34,252.34, awarded contract subject to the approval of REA by the Chief Engineer, Allan Sickler, Surprise Valley Electrification Cooperative, Alturas, for the construction of about 350 miles of transmission and distribution lines.

## Work involves:

- (1) copperweld conductors;
  - (2) aluminum conductors.
- Total bids follow:
- |                                                                   |              |
|-------------------------------------------------------------------|--------------|
| Parker-Schram Co.,<br>Couch Bldg., Port-<br>land, Oregon.....(1)  | \$405,382.29 |
| Fritz Ziebarth, 808<br>Security Bldg.,<br>Long Beach, Cal.....(2) | 384,252.34   |

Alta Elec. & Mech. Co., Inc., 467 O'Farrell St., S. F., Calif.....(1)	417,750.46
.....(2)	412,739.91

## Sub Contracts Awarded

## MAUSOLEUM ADDITION

COST, \$225,000  
SAN MATEO CO., Calif. Holy Cross Cemetery.  
Addition to Mausoleum.  
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Plumbing—Security Plumbing Supply Co., 1657 Market St.

Lead Skylights—Gunn-Carle & Co., 20 Potrero Ave.

Plastering—Peter Bradley, 639 Brannan St.

Bronze Work—Michel & Pfeffer Iron Works, Inc., Tenth and Harrison Sts.

Tile Work—Art Tile & Mantle Co., 221 Oak St.

Concrete Mix—Bode Gravel Co., 235 Alabama St.

Sub-Contracts Awarded

FREIGHT SHED Cost, \$10,000  
SAN FRANCISCO, W Seventh St. 112 S Brannan Street.

One-story frame freight shed.  
Owner—Western Pacific R.R., Mills Building.

Plans by Engr Dept. of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine Street.

Roofing—J. W. Bender, 1999 Bryant Plumbing and Heating—Scott Co., 243 Minna Street.

Electric Wiring—American Electric Const Co., 462 Bryant St.

Lumber—Beroneo Lumber Co., Powell and Beach Sts.

Mill Work—Harders Planing Mill, 245 Oakdale.

Painting—Raphael Co., 270 Tehama.

Steel Rolling Doors—Kinnear Co., 361 Brannan Street.

Linoleum—West Coast Linoleum Carpet Co., 2703 Mission St.

All of San Francisco.

## BIDS OPENED

SAN FRANCISCO.—Fynn & Heffernan, 114 Ashton Ave., at \$648.76 submitted low bid to the S. F. Public Utilities Commission, for the installation of a radio and public address system at the S. F. Airport.

## Complete bids follow:

Lynn & Heffernan.....	\$648.76
H. S. Tittle Co., Inc.....	784.00
Alta Elec. & Mech. Co.....	784.00
Electric Communications Co.....	795.00
Matson Electric Equip. Co.....	886.00
Severin Electric Co.....	961.00
Eureka Electric Co.....	1042.34

## BIDS WANTED

LINN CO., Oregon.—Until August 31, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Custumhouse, Portland, Oregon, under Bid No. 695-38-62, for constructing certain sections of asphalt-paved river bank revetment and repairing existing revetment, in the Willamette River, 1½ miles above Harrisburg, Oregon.

## Work involves:

- (1) 6,000 sq. yd. asphalt-bound gravel revetment by penetration;
- (2) 11,000 sq. yd. seal coat;
- (3) 2,000 gals. of 8.5 lbs. additional asphalt.

Plans and specifications may be obtained at the above office.

## CONTRACT AWARDED

RANDBURG, Kern Co., Calif.—Maeco Constr. Co., 815 Paramount Blvd., Clearwater, Calif., has been awarded the contract by the Anglo-American Mining Co., Randburg, for the removal of 6,000,000 tons of rock located on the western border of the famous mining district. The contractor will use a 3-yd. shovel and 12 8-yd. Mack trucks. The work, which will start at once, will take three years.

## BIDS WANTED

MENDOCINO CO., Calif.—Until August 31, 2 p.m., bids will be received at the office of Ohm & Raab, 109 E. Weber Ave., Stockton, for Robert S. Ouell Co., for ditching and checking either 58.6 acres or 84.1 acres of land for alfalfa culture in Potter Valley, Mendocino County.

Plans and specifications may be obtained from the above office.

Planned  
REMODEL MORTUARY COST, \$.....

OAKDALE, Stanislaus Co., Calif. 552 3rd Ave.

Alterations and additions to the Oakdale Undertaking Parlors.

Owner—Richard Johns, 3rd and D Sts., Oakdale.

Architect—Not Given.

## 20—MISC. SUPPLIES AND MATERIALS

August 26, 1937.

## CONTRACTS AWARDED

GLENDALE, Los Angeles Co., Cal.—Listenwaller & Gough, at \$256 (Item 1); Assoc. Whse. Elec. Co., at \$146 (Item 2); \$112 (Item 3); \$94 (Item 4) and the General and Cable Corp., at \$693 (Item 5), were awarded contracts by the Glendale City Council for furnishing lead-covered cables, as follows:

- (1) 10,000 ft. single conductor No. 2/0 AWG;
- (2) 10,000 ft. same No. 2, AWG;
- (3) 10,000 ft. same No. 4, AWG;
- (4) 10,000 ft. No. 8 same 9/32-in. varnished cambric insulation;
- (5) 2,500 ft. No. 8 same, 9/64-in. varnished cambric insulation;
- (6) 4,000 ft. 3-conductor, No. 2 AWG lead-covered cable.

## CONTRACT AWARDED

SAN FRANCISCO, Calif.—Pacific Clay Products Co., 306 West Ave.,

Los Angeles, at \$1031.80, was awarded contract by Col. O. S. Albright, Signal Corps Contracting Officer, 9th Corps Area, Presidio, San Francisco, under Proposal No. 1084-SC-38-1, for 7,700 duct 1½ inch conduit, clay, single end, 2½-in. glazed cylindrical bore, complete with connecting dowels and joining bandage.

Gladding McBean & Co., San Francisco, at \$116.50, submitted only other bid.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—H. A. Browning Lumber Co. at \$2,806.25 was awarded contract by Los Angeles Water and Power Commission for furnishing (1) 75 40-ft. and (2) 65 45-ft. pressure creosote poles. Spec. 2377.

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—Rolando Lumber Co., 301 Berry St., San Francisco, at \$229 (Item 1) and \$20.80 (Item 2), submitted low bid and was awarded contract by the U. S. Engineer's Office, 401 Custom House, Lieut.-Col. J. A. Dorst, District Engineer, San Francisco, under Bid No. 868-28-19, for furnishing (1) Douglas fir lumber of various grades; (2) plywood; f.o.b. Reservoir site, Yerba Buena Shoals.

Total bids follow:

	(1)	(2)
Rolando Lumber Co., 301 Berry St., S. F.	\$229.00	\$20.80
North Hardware Co., 253 7th St., San Francisco	253.77	22.40
Loop Lumber Co.	260.37	22.72
U. S. Plywood		23.68
Maris Plywood Co., Inc.		24.60

#### CONTRACT AWARDED

SAN BERNARDINO, Calif.—Geo. Herz & Co., P.O. Box 191, San Bernardino, at \$2.33 per ton, were awarded contract by San Bernardino city council, for 8000 tons bitum. treated gravel or crushed stone sub. (1) 1000 tons, submitted only other bid; Spec. 1173.

#### BIDS OPENED

LOS ANGELES, Calif.—Calif. Corr. Culvert Co., 409 Leroy St., at \$25,737.63, submitted low bid to U. S. Engineer, Los Angeles, for corrugated culvert pipe, drainage gates and band couplers delivered along Los Angeles River; Circ. Prop. 17. Western Pipe & Steel Co., at \$24,274.67, submitted only other bid.

#### BIDS OPENED

LOS ANGELES, Calif.—The following submitted bids to the Metropolitan Water District, under Spec. 232, for furnishing five elec. motor-operated air compressors for use at the Colorado River Aqueduct pumping plants:

Brown-Bevis Equip. Co., \$1,767.76 ea.; total, \$5,838.80; use tax, \$265.16; total, \$9,108.96; no dies.; ship weight, 2,280 lbs. ea.; f.o.b. Painted Post, N.Y.

Ingersoll-Rand Co. (1) \$1,767.76 ea.; use tax, \$53.03; total, \$1,820.79 ea.; no dies.; ship weight, 2,280 lbs. ea.

**SOUTH GATE**—Bids for furnishing a motor driven street sweeper, on cash basis and on lease agreement opened by the South Gate city council Aug. 17, were:

Elgin Corp., 544 Midvale Ave., Los Angeles, \$7,350 (Model D); Lease, \$325.25 month for 24 months.

Brown-Bevis Equipment Co., 4900 Santa Fe Ave., Los Angeles—f.o.b. factory, \$6,790, freight and handling charges, \$560; total, \$7,350 (Austin Western Motor Pickup Sweeper); Lease, \$632.41 month for 12 months; \$325.39 month for 24 months.

Smith Booth Usher Co.—\$3,250 (Byers White Wing Motor Pickup Sweeper), f.o.b. South Gate, sales or use tax extra.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Southern Pipe & Casing Co. submitted only bid and was awarded contract by U. S. Indian Irrigation Service, Los Angeles, at \$217 ft. for 400 ft. 12-in. casing and \$40.88 each for eight starters, delivered to Parker, Ariz.; Invitation 0439.

#### BIDS OPENED

LOS ANGELES, Calif.—Complete bids opened by the Los Angeles Water and Power Purchasing Agent, August 17, under Spec. 2385, for furnishing plaster sand, concrete sand, screened gravel and crushed rock for a period of one year, are on file at the office of Daily Pacific Builder.

#### BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Forest Procurement Office, 1022 Phelan Bldg., San Francisco, for structural steel towers:

Independent Iron Works, Ltd., Oakland, at \$2,292; fob Oakland. Bethlehem Steel Co., San Francisco, at \$2,507; fob South San Francisco.

James L. Hall, San Francisco, lumber only, \$625, fob Creosote plant, Oregon.

#### BIDS OPENED

LOS ANGELES, Calif.—The following submitted bids to the Metropolitan Water District, 300 W. 3rd St., Los Angeles, for furnishing approximately 25,000 ft. of 3-conductor, size 2/0 armored cable for 2300-volt service, in accordance with Spec. 235.

Associated Wholesale Electric Co., Los Angeles: (1) \$1,397 ft., \$38,925; ½ of 1½ 10 days; reels \$80 each (Crescent Insulated Wire & Cable Co., Trenton, N. J.).

Listenwaller & Gough, Inc., Los Angeles: (1) \$1,417 ft., \$35,425; ½ of 1½ 10 days; reels \$80 each (Triangle Conduit & Cable Co., Inc., Brooklyn, N. Y.).

Circle Wire & Cable Corp., Los Angeles: (1) \$150 ft., \$37,500; ½ of 1½ 10 days; reels \$80 each.

General Electric Co., Los Angeles: (1) \$1,534 ft., \$38,350; ½ of 1½ 10 days; reels \$80 each.

General Electric Supply Corp., Los Angeles: (1) \$1,534 ft., \$38,350, fob Banning; ½ of 1½ 10 days; inc. 25 reels at \$80 each.

General Cable Corp., Los Angeles: (1) \$1,634 ft., \$40,850; ½ of 1½ 10 days from date of invoice; reels \$80 each.

Anacosta Wire & Cable Co.: (1) \$1,634 ft., \$40,850; ½ of 1½ 10 days; net 30 days (date of invoice); reels \$80 each; delivery 10,000 ft. 40 ft. balance 50 days.

Phelps-Dodge Copper Prod. Corp.: (1) \$1,634 ft., \$40,850, net cash 30 days; ½ of 1½ 10 days; reels \$80 each (Habirshaw Division).

John A. Roebings Sons Co. of California, Los Angeles: (1) \$1,634 ft., \$40,850; ½ of 1½ 10 days; reels \$80 each.

Simplex Wire & Cable Co. of Calif., Los Angeles: (1) \$1,624 ft., \$40,850; ½ of 1½ 10 days, reels \$80 each.

Graybar Elec. Co., Inc., Los Angeles: (1) \$1,634 ft., \$40,850; ½ of 1½ 10 days; net cash 30 days from date of invoice, reels \$80 each (Habirshaw Div. of Phelps-Dodge).

Hazard Insulated Wire Works, Los Angeles: (1) \$1,634 ft., \$40,850; ½ of 1½ 10 days; reels \$80 each.

#### CONTRACTS AWARDED

OAKLAND, Alameda Co., Calif.—American Brass & Copper Co., San Francisco, at \$3,100 (Items 1-2-6); James Jones Co., Los Angeles, at \$1,165 (Items 5-7-8); and Mueller Brass Co., San Francisco, at \$807 (Items 3-4), were awarded contracts

by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 901, for furnishing 540 corporation stops and 1650 curb stops of various sizes.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Pacific Rock & Gravel Co., Graham Brothers and Eastside Bldg. Materials Co., at \$54,378 were awarded contract by U. S. Engineer, Los Angeles, for 21,200 cu. y. of aggregate and 13,000 cu. y. of sand; Circ. Prop. 8.

#### BIDS WANTED

OAKLAND, Calif.—Until Sept. 1, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing supplies and materials, as follows:

PROFOSAL 908: \$1,000 l.f. Oregon pipe lumber;

PROFOSAL 18-204: 760 hub end street valves; (1) 200 4-in.; (2) 400 6-in.; (3) 150 8-in.; (4) 10 12-inch.

Plans and specifications may be obtained from the above office.

August 20, 1937.

#### CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Holbrook Co., 2150 Dwight St., Berkeley, at \$8,790, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 899, for 50,000 l.f. of copper water service tubing, ¾-inch, 50-ft. coil.

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DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 21.—Bridges                        | 30.—Reservoirs and Dams             |
| 22.—Dredging, Harbor Works, Excav. | 31.—Pipe Lines and Irrigation Proj. |
| 23.—Light, Systems                 | 32.—Sewers & Sewage Equipment       |
| 24.—Machinery and Disposal Plants  |                                     |
| 25.—Railroads                      | 33.—Water Works                     |
| 26.—Fire Alarm Sys.                | 34.—Parks & Playgrounds             |
| 28.—Fire Equipament                | 35.—Tunnals                         |
| 29.—Streets & Highways             |                                     |

## 21— BRIDGES

### BIDS WANTED

**TACOMA, Wash.**—Until Sept. 8th, 10 A. M., bids will be received by the Pierce County Board of Supervisors for the reconstruction of the Gehring Bridge, a 264-ft. span and the removal of the existing structure. Alternate bids on steel and concrete. Estimated cost, \$25,000.

Work involves:

#### Alternate "A"—Steel

- (1) 164 c.y. structural excavation;
- (2) 175 c.y. Class A concrete;
- (3) 105 c.y. Class B concrete;
- (4) 36,000 lbs. reinforcing steel;
- (5) 208,000 lbs. structural steel;
- (6) 1602 ft. pipe hand rail.

#### Alternate "B"—Concrete

- (1) 185 c.y. structural excavation;
- (2) 2350 c.y. Class A concrete;
- (3) 105 c.y. Class B concrete;
- (4) 11,000 lbs. reinforcing steel;
- (5) 250 lbs. structural steel;
- (6) 3.5 MBM timber hand rail.

Plans and specifications may be obtained at the office of County Engineer F. B. Easterday, upon the deposit of \$5.00. 21

### CONTRACT AWARDED

**SAN FRANCISCO, Cal.**—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$605,350, were awarded contract by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction, in accordance with specifications to which special reference is made, of the San Francisco Viaduct of the Railway Facilities of the San Francisco-Oakland Bay Bridge.

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Person & Hollingsworth Co., 2812 S. Hill St., Los Angeles, at \$152,198.39, awarded contract by the Los Angeles Board of Public Works for construction of a grade separation structure and appurtenant work in Vignes St., betw. Alhambra Ave. and 130 ft. north of Baucht St., in Baucht St., from Date St. to Avila St. and in Avila St., from Baucht St. to a point 150 ft. south; Union Passenger Terminal Station, PWA Project 4361, Unit I. Estimated cost, \$160,023.98.

### BIDS WANTED

**YUBA COUNTY, Cal.**—Until Aug. 31, 2 P. M., bids will be received by the Yuba County Board of Supervisors, W. M. Strief, County Clerk, Hall of Records, Marysville, for the construction of 2 timber trestle bridges and miscellaneous structures.

Plans and specifications may be obtained from the above office upon the deposit of \$2.00.

### TRACT AWARDED

**TULARE CO., Calif.**—Jordan Concrete Pipe Co., P.O. Box 914, Fresno, at \$174, was awarded contract by the Tulare County Board of Supervisors, Court House, Visalia, for the construction of a reinforced concrete bridge, consisting of two 16-ft. spans, over Deer Creek on the Fountain Springs-California Hot Springs Road. Work involves:

- (1) 74 c.y. Class A portland cement concrete;
- (2) Assembling and setting pipe railing;
- (3) Removal of two wooden bridges.

Total bids follow:

- |                                                           |
|-----------------------------------------------------------|
| (A) Jordan Concrete Pipe Co., P.O. Box 914, Fresno—\$177. |
| (B) N. M. Ball & Sons, Porterville—\$161.66.              |
| (C) J. E. Anderson, Visalia—\$196.0.                      |
| (D) R. Hodson & Sons, Porterville—\$209.                  |
| (E) Rexroth & Rexroth, Bakersfield—\$226.                 |
| (F) Dan Teeters & Co., Riverside—\$270.                   |

Unit prices follow:

	(1)	(2)	(3)
(A)	\$23.00	\$25.00	\$50.00
(B)	22.50	70.00	120.00
(C)	20.00	100.00	400.00
(D)	26.00	50.00	75.00
(E)	24.00	200.00	150.00
(F)	30.00	100.00	50.00

### CONTRACT AWARDED

**HUMBOLDT COUNTY, Cal.**—A. J. Anderson, Rio Dell, at \$4,485.70 submitted low bid and was awarded the contract by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete culvert and earth fill near Alderpoint in Road Dist. No. 2.

Total bids follow:

- |                                    |            |
|------------------------------------|------------|
| A. J. Anderson, Rio Dell.....      | \$4,485.70 |
| Henry Padgett, Fields Landing..... | 4,558.23   |
| Frank Bryant, S. F.....            | 4,773.70   |
| Garcia Const. Co., Irvington.....  | 5,990.40   |

### CONTRACT AWARDED

**TULARE CO., Calif.**—Lemuel C. Clark, 217 S. West St., Visalia, at \$6,230, was awarded contract by the Tulare County Board of Supervisors, Court House, Visalia, for the construction of four 17-foot spans, reinforced concrete bridges over branches of the Tule River, being between 1 1/2 and 1 3/4 miles north of Woodville, Tulare Co.

Work involves:

- (1) 450 c.y. of Class A portland cement concrete;
- (2) 34 c.y. of Class F portland cement concrete;
- (3) Removing of three wooden bridges;

- (4) Removing of a two-pipe culvert. Total bids follow:

- |                                               |
|-----------------------------------------------|
| (A) L. C. Clark, Visalia, \$6320.             |
| (B) Jordan Concrete Pipe Co., Fresno, \$7585. |
| (C) Earl Bowen, Porterville, \$7753.          |
| (D) N. M. Ball & Sons, Porterville, \$8217.   |
| (E) Rexroth & Rexroth, Bakersfield, \$8985.   |
| (F) J. E. Anderson, Visalia, \$9336.          |
| (G) R. Hodson & Sons, Porterville, \$9468.    |
| (H) Dan Teeters & Co., Riverside, \$10,699.   |

(I) Engineer's Estimate, \$7020.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$11.50	\$14.00	\$150	\$30.00
(B)	14.00	15.00	200	20.00
(C)	13.50	30.00	108	1.00
(D)	13.50	40.00	160	25.00
(E)	14.50	50.00	300	25.00
(F)	16.00	34.00	450	30.00
(G)	17.20	24.50	285	100.00
(H)	19.50	30.00	150	25.00
(I)	12.20	25.00	150	20.00

### CONTRACT AWARDED

**HUMBOLDT COUNTY, Cal.**—Walter S. Selvaige, 1305 L St., Eureka, at \$5,926.95 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete culvert and earth fill near the Upper Mattole Post Office in Rd. Dist. No. 1.

Total bids follow:

- |                                   |            |
|-----------------------------------|------------|
| Walter S. Selvaige, Eureka.....   | \$5,926.95 |
| Mercer-Fraser Co., Eureka.....    | 6,837.85   |
| Elmer Gadrner, Petrolia.....      | 7,077.06   |
| A. J. Anderson, Rio Dell.....     | 7,219.90   |
| E. E. Smith, Eureka.....          | 7,236.78   |
| N. M. Ball & Sons, Albany.....    | 8,300.00   |
| Guerin Brothers, S. F.....        | 8,359.90   |
| Garcia Const. Co., Irvington..... | 8,889.55   |

### CONTRACT AWARDED

**TUOLUMNE CO., Calif.**—L. Ubel, Box 191, Epon, Calif., at \$2,423.50, was awarded contract by the San Francisco Public Utilities Commission, Room 257, City Hall, under Hetch Hetchy Water Supply Contract No. 169, for constructing a steel foot bridge 100 ft. long, spanning a portion of Meccasin Reservoir, Section 34, Township 1 South, Range 13 East, Tuolumne County.

### BIDS WANTED

**ALAMEDA COUNTY, Calif.**—Until September 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder overhead crossing over the S. P. and Western Pacific railroad tracks at Greenville, consisting of one 50-ft. 6-in. span, eight 49-ft. spans, and one 16-ft. cantilever.

Work involves:

- (1) 240 c.y. structural clay;
- (2) 688 lbs. bar (incl. steel);
- (3) 2625 c.y. Class A Portland cement structure;
- (4) 50 c.y. Class A Portland cement railings;
- (5) 8,000 lbs. misc. steel;
- (6) 255 14" 8-in. CMP;
- (7) 120 14" 10-in. CMP;
- (8) 75 14" 18-in. CMP;
- (9) 75 14" 21-in. CMP;
- (10) 2-inch spallway (incl. sand);
- (11) 100 tons concrete.

Plans and specifications may be obtained from the above office.

Capital City  
Title Company

JAMES E. BANCROFT  
Manager

801 J Street  
Sacramento : California

## COMPLETE BIDS

ORANGE COUNTY, Cal.—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$10,488, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, 808 State Building, Los Angeles, for repairing bridge across Santa Ana river four miles east of Anaheim, Orange County.

## Work involves:

- (1) 1 lot existing deck removed and disposed of;
- (2) 26,000 lbs. bar reinforcing steel, in place;
- (3) 130 c.y. Class A Portland cement concrete, in place;
- (4) 15,000 FEM redwood timber; dense, select, all-heart structural grade, in place;
- (5) 74,000 FEM Douglas fir timber, in place;
- (6) 1 lot painting.

## Total bids follow:

- (A) Harry L. Foster, San Diego, \$10,488.00.  
 (B) R. H. Travers, \$11,298.00.  
 (C) C. O. Sparks and Mundo Engr. Co., \$11,687.00.  
 (D) Wm. E. Shriver, \$12,271.00.  
 (E) Southern California Roads Co., \$12,980.  
 (F) J. E. Haddock, Ltd., \$13,280.00.  
 (G) J. S. Metzger & Son, \$13,650.00.  
 (H) Sully Miller Contr. Co., \$15,870.

## Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	2.300	\$.047	\$13	\$103	\$74	\$325
(B)	1.000	\$.04	16	108	67	600
(C)	.875	\$.06	12	123	68	575
(D)	1.400	\$.05	13	107	74	800
(E)	.950	\$.05	15	210	70	450
(F)	1.200	\$.055	15	132	80	800
(G)	.400	\$.06	18	150	90	440
(H)	1.600	\$.06	14	130	110	800

## TO ASK BIDS SHORTLY

OLYMPIA, Wash.—The Washington State Highway Department will state for bid in October for the construction of an interstate bridge, estimated cost \$653,000. The bridge will be a 200-ft. steel lift span with concrete trestle approaches across Snake River from Clarkston, Wash., to Lewiston, Idaho. Idaho will pay 50 per cent of the cost.

## CONTRACT AWARDED

HUMBOLDT CO., Calif.—Walter S. Selvaige, 1305 L Street, Eureka, at \$5,926.95, submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete culvert and earth fill near the Upper Mattole Post Office in Road District No. 1.

## Total bids follow:

Walter S. Selvaige, Eureka	\$5,926.95
Mercer-Fraser Co., Eureka	6,637.85
Merced Gardner, Petrolia	7,077.06
A. J. Anderson, Rio Dell	7,219.90
E. E. Smith, Eureka	7,236.78
N. M. Ball & Sons, Albany	8,390.00
Guerin Brothers, S. F.	8,395.90
Garcia Constr. Co., Irvington	8,880.55

The bid of John E. Burman & Sons, Eureka, at \$6,356.30, was inadvertently omitted in the last report.

## CONSTRUCTION POSTPONED

LA GRANDE, Union Co., Oregon.—The construction of Bridge No. 2327, over Government Ditch on County Road No. 1, has been postponed indefinitely by the Union County Court, S. B. Morgan, County Engineer, La Grande, due to the withdrawal of assistance by the federal government.

## LOW BIDDER

ORANGE CO., Calif.—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$10,488, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, 808 State Building, Los Angeles, for

repairing the bridge across Santa Ana River, four miles east of Anaheim, Orange County.

## Work involves:

- (1) 1 lot existing deck removed and disposed of;
- (2) 26,000 lbs. bar reinforcing steel, in place;
- (3) 130 c.y. Class A portland cement concrete, in place;
- (4) 15,000 f.t.h.m. redwood timber; dense, select, all-heart structural grade, in place;
- (5) 74,000 f.t.h.m. Douglas fir timber, in place;
- (6) 1 lot painting.

Complete bids will be published shortly.

## BIDS REJECTED

HUMBOLDT COUNTY, Calif.—The Humboldt County Board of Supervisors, Fred M. Kay, Clerk, rejected all bids for repairing bridge across South Fork of the Eel River near Garberville in Road Dist. No. 2.

A. J. Anderson, Rio Dell, at \$5,279.50 submitted the low bid, at the bid opening Aug. 20.

## BIDS WANTED

YUBA COUNTY, Calif.—Until September 15, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder overhead crossing over the S. F. and Western Pacific railroad tracks at Greenville, consisting of one 50-ft. 6-in. span, eight 49-ft. spans, and one 16-ft. cantilever.

## Work involves:

- (1) 2,400 c.y. struc. excav.;
- (2) 688,000 lbs. bar reinf. steel;
- (3) 2625 c.y. Class A Portland cement structures;
- (4) 50 c.y. Class A Portland cement railings;
- (5) 8,000 lbs. misc. steel;
- (6) 285 lf. 8-in. CMP;
- (7) 120 lf. 10-in. CMP;
- (8) 75 lf. 18-in. CMP;
- (9) 75 lf. 24-in. CMP;
- (10) 2 each spillway assemblies;
- (11) 1 lot misc. work.

Plans and specifications may be obtained from the above office.

Items (1) and (2) were previously reported incorrectly.

## BIDS WANTED

MARIN CO., Calif.—Until Sept. 7, 11 a.m., bids will be received by the Marin County Board of Supervisors, County Clerk, County Court House, San Rafael, for the construction of a reinforced concrete bridge across Olema Creek on the Olema to Point Reyes Lighthouse Road, County Road No. 402, Marin County.

## Work involves:

- (1) 165 c.y. Class A Portland cement, in place;
- (2) 29,000 lbs. reinf. steel, in place.

Plans and specifications may be obtained at the office of the County Surveyor, Court House, San Rafael.

## 22—DREDGING HARBOR WORKS, EXCAVATION

## CONTRACT AWARDED

MARE ISLAND, Cal.—Geo. Pollock Co., P. O. Box 903, Sacramento, at \$2,790,875 awarded contract by the Navy Department, Bureau of Yards & Docks, Washington, D. C., for the construction of graving drydock at Mare Island Navy Yard. Award was made under Prop. I, for the work complete.

Complete bids with alternates have been published previously.

## BIDS OPENED

SAN DIEGO, Cal.—Standard Dredging Co., 325 Central building, Los Angeles, at \$30 per cubic yard, submitted the only bid to the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 871, for approximately 6,000 c.y. dredging of an area outboard of the Marine Facility at the Destroyer Base, Naval Operating Base, San Diego.

August 26, 1937.

## CONTRACT AWARDED

OXNARD, Ventura Co., Calif.—So. Cal. Roads Co., 2145 E. 25th Street, Los Angeles (JE 1201), at \$4.83, 1-3 per pile, has been awarded the contract by the D. McGrath Estate, Oxnard, for driving approximately 600 piles in the bed of the Santa Clara River, west of Oxnard, for flood protection. Piles 25 to 32 ft. in lgth. are to be furnished and delivered at the site by the owner, penetration, 22 to 26 ft. George G. Fitzgerald, civil and hydraulic engineer, Camarillo (Oxnard 319), engineer.

## Total bids follow:

So. Cal. Roads Co., 2145 E. 25th St., Los Angeles—\$4.83.  
 Pacific Crane & Rigging Co.—\$5.85.  
 Rexroth Constr. Co., Bakersfield—\$5.90.

Macco Constr. Co., Clearwater—\$6.  
 V. R. Dennis Constr. Co., San Diego—\$6.70.

W. M. Ward, Santa Paula—\$7.00.  
 Thornton & Dow, Los Angeles—\$7.  
 Dimmitt & Taylor, Los Angeles—\$7.90.

Mojave Constr. Co., Los Nietos—\$8.47.  
 E. G. Perham, Capistrano—\$9.00.

## 23—CANALS

## CONTRACT AWARDED

GILA PROJECT, Arizona.—George Pollock Company, P. O. Box 903, Sacramento, at \$147,780, was awarded contract by the Bureau of Reclamation, R. E. Williams, Construction Engineer, Federal Bldg., Yuma, under Spec. No. 931-D, for the preparation of concrete aggregates for the Gila Project, Arizona.

## LOW BIDDER

YAKIMA, Wn.—H. C. Rogers, Yakima, at \$24,650 (1) and at \$14,998 (2) submitted low bid to the Yakima County Engineer, O. E. Brashears, for (1) County Road Project 2, Englewood Avenue; and (2) County Road Project 4, Crescent Drive and Franklin Avenue.

## 24—STREET LIGHTING

## BIDS WANTED

SACRAMENTO, Calif.—Until September 15, 2 p.m., as previously reported, bids will be received by Mayor Arthur W. Parker, Constructing Quartermaster, Sacramento Air Depot, for construction and completion of an electric distribution and street lighting system at the Sacramento Air Depot. Estimated cost, \$80,000. Complete description with list of bidding items published August 20.

## BIDS WANTED

EXETER, Tulare Co., Calif.—Until September 8, 7:30 p.m. bids will be received by the Exeter City Council, Allen Jordan, City Clerk City Hall, Exeter, for the installation of an "municipal Street Lighting" system on Pine and E Streets, Exeter.

Plans and specifications may be obtained from the above office upon the deposit of \$10.

**BIDS WANTED**

SACRAMENTO, Calif.—Until September 15, 2 p. m., bids will be received by the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of an electric distribution and street lighting system at the Sacramento Air Depot, Sacramento.

Work involves:

- (1) Lump sum—complete job;
  - (2) Deduct from Item 1, entire street lighting system, Air Depot, for one street lighting regulator, one wattour meter, one oil switch, two single conductor potheads, one current transformer, one primary fuse cutout, concrete street lighting standards, Air Depot, for 5000-volt single conductor metallic armored cable;
  - (3) Unit prices:
    - (a) Earth excav., per c.y.;
    - (b) Rock excav., per c.y.;
    - (c) Trenching 24 in. deep and backfilling, l.f.;
    - (d) 3-conductor 500 MCM AWG 7500-volt V C L C cable pulled in duct;
    - (e) 3-conductor No. 4 AWG 7500-volt V C L C cable pulled in duct, per l.f.;
    - (f) No. 0 AWG bare neutral, per l.f.;
    - (g) 1 conductor No. 8 AWG 5000-volt metallic armored cable laid in trench, per l.f.;
    - (h) 3 conductor No. 0-7000-volt metallic armored cable laid in trench, per l.f.;
    - (i) 2 conductor No. 8-600-volt metallic armored cable laid in trench;
    - (j) 1 conductor No. 4-600-volt metallic armored cable laid in trench;
    - (k) Street lighting standard with luminaire completely installed and connected;
    - (l) 3-way primary junction box 3-way disconnecting;
    - (m) 3-way cast-iron splice box in ground.
- Plans and specifications may be obtained from the above office upon deposit of \$10.00. \* 24

**25—MACHINERY AND EQUIPMENT****BIDS WANTED**

BAKERSFIELD, Kern Co., Calif.—Until Aug. 30, 5 p. m., bids will be received by Bakersfield city council for combination pumping engine and hose wagon on RENTAL basis with option to purchase. \* 25

**BIDS WANTED**

ALAMEDA CO., Calif.—Until Sept. 7th, 8:00 p. m., bids will be received by the Alameda Board of Education and the Alameda Unified School District, Wm. G. Paden, Secretary, Administration Building, Oak Street and Alameda Avenue, Alameda, for furnishing 1 power shaver, Niagara No. 662, or equal, and 1 brake, hand box and pan, Chicago No. 50, or equal; f.o.b. shop, Alameda High School.

Plans and specifications may be obtained from the above office. \*

**BIDS OPENED**

ALL-AMERICAN CANAL.—Bethlehem Steel Co., Chicago, Ill., at \$3,120, submitted low bid to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., under Spec. No. 956-D, for structural steel and steel castings for the railroad bridge over the Pilot Knob wasteway, All-American Canal system, Boulder Canyon Project. Material will be installed by the Government.

Total bids follow:

- (1) Bethlehem Steel Co., Chicago, Ill., \$3,120 net; f.o.b. shipping point, Chicago, Ill.

- (2) Virginia Bridge Co., Roanoke, Va., \$3,523 net; f.o.b. shipping point, Birmingham, Ala.
- (3) Wordean - Allen Co., Milwaukee, Wis., \$4,285, 1/2 10 days; f.o.b. shipping point, Milwaukee, Wis.
- (4) Milwaukee Bridge Co., Milwaukee, Wis., \$4,375 net; f.o.b. shipping point, Milwaukee, Wis.
- (5) Midland Structural Steel Co., Cicero, Ill., \$4,500, 1/2 10 days; f.o.b. shipping point, Cicero, Ill.
- (6) Mississippi Valley Structural Steel Co., St. Louis, Mo., \$4,575, net; f.o.b. shipping point, St. Louis, Mo.
- (7) Jos. T. Ryerson & Son, Chicago, Ill., \$4,868, 1/2 10 days; f.o.b. shipping point, Chicago, Ill.
- (8) Clinton Bridge Works, Clinton, Iowa, \$5,064, 1/2 20 days; f.o.b. shipping point, Clinton, Iowa.
- (9) Minneapolis Moline Power Implementation Co., Los Angeles, Calif., \$5,290 net; f.o.b. shipping point, Minneapolis, Minn.
- (10) Consolidated Steel Corp., Ltd., Los Angeles, \$5,597 net; f.o.b. shipping point, Los Angeles, Cal.
- (11) Golden Gate Iron Works, San Francisco, \$5,616, 1/2 10 days; f.o.b. shipping point, San Francisco, Calif.
- (12) St. Louis Structural Steel Co., East St. Louis, Ill., \$5,711, 1/2 10 days; f.o.b. shipping point, St. Louis, Ill.
- (13) Bethlehem Fabricators, Inc., Bethlehem, Pa., \$6,650 net; f.o.b. shipping point, Bethlehem, Pa.

**CONTRACT AWARDED**

SAN FRANCISCO, Calif.—Chain Belt Co., 366 Brannan St., at \$11,995, submitted low bid and was awarded contract by the U. S. Engineer's Office, 401 Custom House, San Francisco, under Bid No. 868-38-18, for furnishing two portable gasoline driven, concrete pumping machines mounted on trailer frame with capacity of 15 c.y. of concrete per hour; steel pipe and pipe appurtenances; f.o.b. contractor's shipping point.

Total bids follow:

- (1) Chain Belt Co., 366 Brannan Street, San Francisco—\$11,995.
- Jenison Machinery Co., San Francisco—\$13,021.
- P. B. Hackley Equipment Co., San Francisco, submitted an alternate bid at \$12,900 for one pumping machine with a 10-c.y. capacity. \* 2.

**BIDS OPENED**

SAN MATEO and Santa Cruz Cos., Cal.—The following submitted bids to the Division of Highways, Col. John H. Skaggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of four pneumatic-tired dump trucks, body capacity not less than 4 cubic yards, for approximately 2500 hours use in San Mateo and Santa Cruz counties.

- (1) Total bids follow:
  - (3) power lift; (2) not specified;
  - (1) \$290 lift; (2) \$290 per hour; (3) \$315 per hour

Henry E. Springer, San Francisco: (1) \$290; (2) \$ ; (3) \$315.

Chas. W. Beguhl, Millbrae: (1) \$2.65

(2) \$2.90; (3) \$3.15.

Chas. L. Harney, San Francisco: (1) \$ ; (2) \$2.65; (3) \$ .

Brown Ely Co., Oakland: (1) \$2.65,

(2) \$2.90; (3) \$3.15.

Richerson Trucking & Grading Co., San Francisco: (1) \$3.09; (2) \$ ; (3) \$3.29

A. Flachini, Los Angeles: (1) \$ ;

(2) \$2.45; (3) \$ .

A. J. McConery, Oakland: (1) \$2.65,

(2) \$2.90; (3) \$3.15

Daniel Gallagher, San Francisco: (1) \$2.65; (2) \$ ; (3) \$3.15

A. P. Field, San Francisco: (1) \$2.65

(2) \$ ; (3) \$3.15.

A. Bin, San Francisco: (1) \$ ; (2) \$3.15; (3) \$ .

F. N. Brauern, Rockaway: (1) \$2.65

(2) \$ ; (3) \$3.15.

D. J. Petto, San Francisco: (1) \$2.65

(2) \$2.90; (3) \$3.15.

K. T. Donald, San Francisco: (1) \$2.65; (2) \$2.90; (3) \$3.15.

Circle Truck Co., Los Angeles: (1) \$ ; (2) \$2.49; (3) \$ .

H. Simon, San Francisco: (1) \$ .;

(2) \$3.15; (3) \$ .

C. F. Lea, San Francisco: (1) \$ .;

(2) \$3.15; (3) \$ .

Paul Entremont, Colusa: (1) \$ .;

(2) \$3.14; (3) \$ .

Rock & Gravel Trucking Co., Oakland: (1) \$2.65; (2) \$ ; (3) \$3.15.

C. V. Clarke, Jr., Hollywood: (1) \$ ;

(2) \$3.15; (3) \$ .

Portola Truck Service, San Francisco: (1) \$2.65; (2) \$ ; (3) \$3.15.

W. K. Walker, San Francisco: (1) \$ ;

(2) \$3.15; (3) \$ .

Meade J. O'Brien, San Francisco: (1) \$ .;

(2) \$3.00; (3) \$ .

Longwell, J. Kennedy & McGrath, San Francisco: (1) \$ .;

(2) \$3.10; (3) \$ .

**BIDS WANTED**

ALL-AMERICAN CANAL.—Until Sept. 16, 2 P. M., bids will be received by the Bureau of Reclamation S. O. Harper, Acting Chief Engineer, Denver, under Spec. No. 969-D, for three 60,000-h. capacity, double-drum radial gate hoists for installation in the GHA Valley canal headworks at the Imperial Dam, All-American Canal System, Boulder Canyon project. Installation will be made by the Government.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

OWYHEE PROJ., Oregon-Idaho.—Until Sept. 15, 2 P. M., bids will be received by the Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Denver, under Spec. No. 968-D, for three motor-driven pumping units for installation in the Owyhee Ditch pumping plant. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office.

**BID OPENING POSTPONED**

LOS ANGELES, Calif.—Until Aug. 27, 2 p.m. (postponed from Aug. 23), bids will be received by Metropolitan Water District Purchasing Agent, L. A., for circuit breakers for various pumping plants. Bid 87342.

**BIDS WANTED**

KENDRICK PROJ., Wyo.—Until Sept. 17, 2 P. M., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Denver, under Spec. No. 752, for trash-rack metal work for the outlet works trash-rack structure and for three power-penstock trash-rack structures for the Seminole Dam, Kendrick Proj. Wyo. Installation will be made by the Government. For shipping point and/or Parco, Wyo.

Plans and specifications may be obtained from the above office.

August 24, 1937

**BIDS OPENED**

BONNEVILLE, Ore.—Hesse-Ersted Iron Works, 816 SE Taylor St., Portland, at \$8,746.60 (Alternate A), and \$8,812.75 (Alternate B), submitted low bid to the District Engineer, U. S. Engineer Office, Bonneville, for one 2-drum electric hoist complete with hoisting ropes, sheaves and anchor bolts.

Alternate "A" job shipping point, and Alternate "B" job Bonneville.

Total bids follow:

- Hesse-Ersted Iron Works, 816 SE Taylor St., Portland, A \$8,746.60; B \$8,812.75.

Star Iron & Steel Co., Tacoma, Wash.  
(A) \$9,600; (B) \$ .....  
General Iron & Steel Works, Portland:  
(A) \$10,650; (B) \$ .....  
Commercial Iron Works, Portland:  
(A) \$ .....; (B) \$11,280.00.

## BIDS WANTED

EL CENTRO, Imperial Co., Cal.—Until Sept. 21, 10 a. m., bids will be received by the Board of Directors of Imperial Irrigation District, El Centro, for furnishing electric generating equipment for a hydro power plant located at Drop No. 4 on the All-American Canal about 15 miles east of Calexico, in accordance with Spec. No. 1, copies of which may be obtained from the office of the district upon deposit of \$10, returnable. PWA check No. Calif. 1088-P-D. Bids must be made out on a form obtainable at the district office and be accompanied by a certified or cashier's check or bid bond for not less than 5 per cent. W. W. Goodson, Secy.; M. J. Dowd, Chief Engineer. The items are:

- (1) One vertical shaft, 13-300 h.p. 150 rpm, hydraulic turbine; complete, f.o.b. cars at Holtville;
- (2) Services of erecting engineer;
- (3) One governor with pumping equipment, for regulating the speed of equipment specified in Item 1;
- (4) Services of erecting engineer;
- (5) One 12-000 kv-a., 80 per cent power factor, vertical shaft alternating current generator, f.o.b. cars Holtville;
- (6) Services of erecting engineer.

## BIDS OPENED

BONNEVILLE, Ore.—Link-Belt Co., 300 W. Pershing Road, Chicago, at \$70,340 (Alternate A), and \$80,628.00 (Alternate B) submitted the low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-27, for ten traveling water screens with all operating mechanisms and necessary appurtenances, ready for complete installation at the Bonneville Project. Alternate "A," job shipping point and Alternate "B" for Bonneville.

Total bids follow:

Link-Belt Co., 300 W. Pershing Rd., Chicago: (A) \$74,540; (B) \$80,628.  
Chain Belt Co., 1600 W. Bruce Street, Milwaukee: (A) \$78,500; (B) \$84,460.00.

## BIDS WANTED

LOS ANGELES, Calif.—Until Aug. 30, 2 p. m., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for electric equipment, as follows:

- SCHED. 1—Intake F.O.B. Earp  
(1) 80 only, 15 kv NEMA std outdoor type insulator with insulators
- (2) 65 only, 7500-volt NEMA strength, class 4 indoor bus supports;  
SCHED. 2—Gene F.O.B. Earp  
(3) 43 same as Item (1);  
(4) 41 only, 230 kv NEMA std outdoor type bus insulator
- (5) 65 only, same as Item (2);  
SCHED. 3—Iron Mountain F.O.B. Rice  
(6) 43 only, same as Item (1);  
(7) 49 only, same as Item (4);  
(8) 65 only, 7500-volt NEMA strength, class 3 indoor bus supports;
- SCHED. 4—Eagle Mountain F.O.B. Rice  
(9) 43 only, same as Item (1);  
(10) 41 only, same as Item (4);  
(11) 65 only, 7500-volt NEMA strength, class 5 indoor bus supports;
- SCHED. 5—Hayfield F.O.B. Rice  
(12) 43 only, same as Item (1);  
(13) 41 only, same as Item (4);  
(14) 65 only, same as Item (11)
- Bid 87564

## CONTRACT AWARDED

LOS ANGELES, Calif.—Leeds and Northrup Co., at \$1408.40 submitted

only bid and was awarded contract by Metropolitan Water District Purchasing Agent for instruments for control boards. Bid 87078.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Westinghouse Elec. & Mfg. Co., at \$7,074.11, was awarded contract by Metropolitan Water District Purchasing Agent, for indicating instruments. Bid 87315. Other bids: Graybar Elec. Co. and Weston Electrical Instrument Corp., submitted identical bids at \$7,371.67.

## CONTRACT AWARDED

LOS ANGELES, Calif.—American Automatic Sales Co., at \$3,633.53, submitted the only bid and was awarded contract by Metropolitan Water District Purchasing Agent for relays for pumping plants annunciator systems; Bid 87019.

## BIDS WANTED

BELLEVILLE, Cal.—Until Aug. 26, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for motor field switches, three each for Intake, Gene, Iron Mt., Eagle Mt. and Hayfield pumping plants. Bid 87783.

## CONTRACT AWARDED

SAN DIEGO, Calif.—Barth Foundry & Machine Co., at \$8,751.00 was awarded contract by the San Diego Purchasing Agent, F. M. Lockwood, 524 F St., San Diego, for furnishing 70 lighting posts for installation on El Cajon Boulevard. (Plan 5481-L) and metal posts (Plan No. 5481-L).

## BIDS OPENED

SAN FRANCISCO, Calif.—A. S. Vinnell Co., 1100 Westminister Ave., Alhambra, at \$1788, submitted low bid to the U. S. Bureau of Public Roads, Room 422, Federal Office Bldg., San Francisco, for the rental for 240 hours of one RD-8 caterpillar tractor with 12 c.y. carryall or equivalent unit, to be used on Rt. 61, Angeles-Crest National Forest Highway.

Total bids follow:

	Per Hr. Total
A. S. Vinnell Co., 100 Westminister Ave., Alhambra	\$7.45 \$1788
Crow Bros. Constr. Co., Los Angeles	8.00 1920
Paul L. Ferry & Son, Glendale	8.45 2028
Geo. K. Thompson & Co., La Canada	9.00 2160
Selva & Hill Constr. Co., Glendale	9.50 2280

## BIDS OPENED

BONNEVILLE, Oregon.—The following bids were received by the U. S. Engineer Office, Bonneville, under Bid No. 691-38-8, for fishway gates, stop logs, and miscellaneous steel for Bonneville Project.

Consolidated Steel Corp., Los Angeles—\$147,324, f.o.b. bidder's shipping point  
Pacific Car & Foundry Co., Seattle—\$147,598, f.o.b. Bonneville.  
Columbia Steel Co., San Francisco—\$165,566, f.o.b. bidder's shipping point.

Lakeside Bridge & Steel Co., Milwaukee, Wis.—\$205,752, f.o.b. bidder's shipping point.

Following bid on various schedules:

General Iron & Steel Works, Portland—(2) \$22,105; (6) \$16,022; (7) \$10,768; (9) \$6,366; f.o.b. Bonneville.  
King Iron Portland—(2) \$25,698; f.o.b. Bonneville.

Consolidated Railway Equipment Co., Portland—(5) \$49,162; f.o.b. Bonneville.

Star Iron & Steel Co., Tacoma—(3) \$8,914; (5) \$54,325; (7) \$14,432; f.o.b. Bonneville.  
Herrick Iron Works, Oakland—(2)

\$33,800; (6) \$16,300; (7) \$10,780; f.o.b. bidder's shipping point; and (2) \$34,600; (6) \$16,780; (9) \$10,890; f.o.b. Bonneville.

Berkeley Steel Constr. Co., Berkeley—(2) \$19,904; (6) \$13,460; (7) \$10,684; (9) \$5,600; f.o.b. Bonneville.

Western Pipe and Steel Co., San Francisco—(2) \$26,667; (6) \$16,005.80; f.o.b. bidder's shipping point, and (2) \$28,753; (6) \$17,327; f.o.b. Bonneville.

## BIDS OPENED

ALAMEDA CO., Calif.—Asphalt Pavement Planning Co., 1924 Broadway Street, Oakland, at \$11 per hr., submitted low bid to the Division of Highways, Jno. H. Skaggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of one asphalt pavement planer, chisel tooth type, weight not less than 15,000 lbs., for approximately 300 hours' use near Hayward in Alameda County.  
Spear-Wellis Machinery Co., Oakland, at \$12.50 per ton, submitted only other bid.

## 26—RAILROADS

## BIDS WANTED

HOOD RIVER, Oregon.—Until September 10, 3 p. m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-71, for protective work for the Mount Hood Railroad, Hood River, Oregon.

Work involves:

- (1) 3,200 cu. y. unclass. excav.
- (2) 10,000 cu. y. unclass. borrow;
- (3) 9,600 tons (2000 lbs.) of loose rock riprap in place;
- (4) 270 cu. y. gravel covering of levee;
- (5) 80 hours furnishing and operating three-wheel roller;
- (6) 1 job track adjustment;
- (7) 160 each, new cross ties in place;
- (8) 75 lf. 6-in. concrete or vitrified sewer pipe in place;
- (9) 525 lf. 8-in. conc. or vit. sewer pipe in place;
- (10) 245 lf. 10-in. concrete or vitrified sewer pipe in place;
- (11) 160 lf. 12-in. concrete or vitrified sewer pipe in place;
- (12) 280 lf. 6-in. clay drain tile in place;
- (13) 280 lf. 8-in. clay drain tile in place;
- (14) 20 lf. 8-in. cast iron sewer pipe in place;
- (15) 1 job raising wood frame shed;
- (16) 800 cu. y. class B concrete in place;
- (17) 7,000 lbs. reinf. steel in place;
- (18) 2,000 lbs. electrically welded fabric in place;
- (19) 1 job miscellaneous ferrous metal in place;
- (20) 1 job painting;
- (21) 1 job sluice gate in place.

Plans and specifications may be obtained at the above office.

August 26, 1937

## BIDS WANTED

SAN FRANCISCO and Alameda Co., Cal.—Until Sept. 15, 2 P. M., bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, under Contract R-11 and R-21E, for the construction of bonding of the track work and contact rail of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

- CONTRACT R-11—San Francisco Loop, Main Bridge
- (1) 16,000 13½-in. 250,000 c.m. bonds;
  - (2) 10 250,000 c.m. bonds at special track work;
  - (3) 1070 350,000 c.m. bonds, lengths from 3 to 6 ft.;
  - (4) 790 350,000 c.m. bonds, lengths from 7 to 19 ft.;
  - (5) 70 350,000 c.m. bonds, lengths from 20 to 40 ft.;



## PROPOSAL B

- (6) 390 No. 2 AWG bonds;  
 (7) 150 negative feeder taps;  
 (8) 475 l.f. 1,000,000 c.m. jumper cable connections between, negative feeder taps;  
 (9) 5000 l.f. 500,000 c.m. cross cable bond;  
 (10) 1180 welding and bonding 150 lbs. contract rail joints;  
 (11) 1240 11-in. 4/0 bonds;  
 (12) 165 1,000,000 c.m. cone terminals;  
 (13) 65 500,000 c.m. cone terminals;  
 (14) 10 units, spark gap and connectors;  
 (15) 335 500,000 c.m. contact rail jumpers, lengths from 8 to 16 ft.;  
 (16) 135 500,000 c.m. contact rail jumpers, lengths from 16 to 28 ft.;

- CONTRACT R-21B—East Bay Yard  
 (17) 8200 1 1/2-in. 250,000 c.m. bonds;  
 (18) 250 250,000 c.m. bonds at special track work;  
 (19) 350 350,000 c.m. bonds, lengths from 3 to 8 ft.;  
 (20) 350 350,000 c.m. bonds, lengths from 7 to 19 ft.;  
 (21) 90 350,000 c.m. bonds, lengths from 20 to 40 ft.;  
 (22) 150 No. 2 AWG bonds;  
 (23) 80 negative feeder taps;  
 (24) 3000 l.f. 1,000,000 c.m. cross bond cables, connecting to negative feeder taps;

- (25) 60 units structure grounding bonds to ground rod;  
 (26) 70 units structure grounding bonds to yard rails;  
 (27) 260 welding and bonding, 150 lbs. contact rail joints;  
 (28) 130 11-inch 4/0 bonds;  
 (29) 15 1,000,000 c.m. cone terminals;  
 (30) 5 500,000 c.m. cone terminals;  
 (31) 35 500,000 c.m. contact rail jumper cables, lengths from 8 to 16 ft.;  
 (32) 22 500,000 c.m. contact rail jumper cables, lengths from 16 to 22 ft.;

Plans and specifications may be obtained from the above office. \* 36

## BIDS WANTED

SAN FRANCISCO and Alameda Cos., Cal.—Until Sept. 15, 2 P. M., bids will be received by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 815, Sansome St., San Francisco, under Contract R-9 and R-21A, for track work on the main bridge, San Francisco Loop and East Bay Yard, San Francisco-Oakland Bay Bridge.

Work involves:

- PROPOSAL A: Contract R-9, Main Bridge and San Francisco Loop.  
 PROPOSAL B: Contract R-21A, East Bay Yard.  
 PROPOSAL C: Contract R-9 and R-21A, Main Bridge and San Francisco Loop and East Bay Yard.

## PROPOSAL A

- (1) 170,000 lbs. structural steel work;  
 (2) Painting structural steel work;  
 (3) 2,720 MFEM framing and placing bridge ties;  
 (4) 235 MFEM framing and placing spacing blocks;  
 (5) 250 MFEM framing and placing timber guardrails;  
 (6) 400 MFEM framing and placing walkways, etc.;  
 (7) 3,800 tons ballast (Yerba Buena Island);  
 (8) 3,800 tons ballast (San Francisco Loop and Pier W-4);  
 (9) 10,247 l.f. double track, track laying, East Bay crossing;  
 (10) 10,304 l.f. double track, track laying, West Bay crossing;  
 (11) 798 l.f. double track, track laying, Yerba Buena Island;  
 (12) Track laying, San Francisco Loop;  
 (13) Contact rail and protection, Main Bridge and San Francisco Loop;

- (14) Flame protection of steelwork;  
 (15) 91 MFEM framing and placing bridge ties;  
 (16) 45 MFEM framing and placing other floor timbers;  
 (17) 6,000 c.y. excavation;  
 (18) 27,000 tons imported fill;  
 (19) Preparing subgrade;  
 (20) Yard drainage;  
 (21) 100,000 tons ballast;  
 (22) Track laying;  
 (23) Contact rail and protection;  
 (24) 175 c.y. concrete;  
 (25) 30,000 lbs. reinforcing steel;  
 (26) 400 tons crusher run base;  
 (27) 40 tons mineral aggregate;  
 (28) 30 tons stone screenings;  
 (29) 15 tons Type SC-2 asphalt;  
 (30) 25 tons Type MC-3 asphalt.

Plans and specifications may be obtained from the above office. \* 26

## 29—STREETS AND HIGHWAYS

## CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at \$32,941.49, was awarded contract by the Santa Ana City Council for improvement of Broadway, between First and Tenth Sts., a cash contract.

## BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until August 30, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, City Hall, for the improvement of Lincoln Avenue from a point 717 feet northerly from Linden Lane to the southerly line of Allman Avenue.

Work involves:

- (1) 83,500 sq. ft. 4-in. asphalt concrete;  
 (2) 83,500 sq. ft. 5-in. rock base;  
 (3) 475 c.y. conc. curb and shallow sewer protection;  
 (4) 36 1/2 C.M. arch culvert;  
 (5) 33 1/2 16-in. CMP;  
 (6) 1 standard gutter inlet complete, including frame and grating.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

VALLEJO, Solano Co., Calif.—Until August 30, 11 a.m., bids will be received by the Vallejo City Council, Harry W. Mitchell, City Clerk, for paving a portion of Porter Street from Lemon Street to McLane.

Work involves:

- (1) 1,342 c.y. grading;  
 (2) 14,560 sq. ft. 3-in. crusher run base;  
 (3) 14,560 sq. ft. 2-in. asphalt top;  
 (4) 53 c.y. conc. curb and gutter;  
 (5) 116 1/2 4-in. house lateral sewers.

Plans and specifications may be obtained from the above office.

## CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Calif.—Granite Constr. Co., Ltd., Bin No. 9, Watsonville, at \$22,552.92, submitted low bid and was awarded contract by the Watsonville City Council, M. M. Swisher, Clerk, City Hall, 268 Main St., Watsonville, for the widening of the roadway by setting back the curbs on each side and the removal of the existing pavement on Bridge Street.

Work involves:

- (1) 328 c.y. concrete removal;  
 (2) 234 1/2 concrete curb;  
 (3) 6092 sq. ft. concrete sidewalk;  
 (4) 16,583 sq. ft. concrete gutter;  
 (5) 42,590 sq. ft. base course;  
 (6) 4763 sq. yds. paint binder;  
 (7) 1069 tons asphalt concrete;  
 (8) 594 tons base rock;  
 (9) 2613 sq. ft. driveway approach;  
 (10) 50 c.y. unsuitable material;  
 (11) 2 manholes to be lowered, complete.

- (12) 1 manhole to be built, complete;  
 (13) 232 l.f. 18-in. corr. iron pipe;  
 (14) 8 catch basins, complete,  
 (15) 312 l.f. coping replacement,  
 (16) 190 l.f. wall replacement;  
 (17) 2 electroliers to be moved;  
 (18) 65 bbls. fuel oil.

Total bids follow:

(A) Granite Constr. Co., Ltd., Bin No. 9, Watsonville—\$22,552.92

(B) Union Paving Co., San Francisco—\$24,616.83.

Unit prices follow:

	(A)	(B)
(1)	\$ 2.50	\$3.50
(2)	70	65
(3)	20	22
(4)	30	31
(5)	0.055	0.075
(6)	.04	.03
(7)	60	70
(8)	2.00	1.80
(9)	30	25
(10)	1.00	1.00
(11)	20.00	15.00
(12)	90.00	80.00
(13)	2.50	2.50
(14)	110.00	100.00
(15)	1.80	1.50
(16)	1.80	2.00
(17)	60.00	65.00
(18)	2.00	2.50

## BIDS WANTED

MARIN COUNTY, Cal.—Until Sept. 7, 11 A. M., bids will be received by the Marin County Board of Supervisors, County Clerk, County Court House, San Rafael, for the construction of a portion of the county highway on the Point San Pedro Road, County Road No. 105D, from the Golf Links to the east city limits of San Rafael.

Work involves:

- (1) 65 tons liquid asphalt MC-5 (plant mixed surfacing);  
 (2) 1600 tons mineral aggregate (do).  
 Plans and specifications may be obtained at the office of the County Surveyor, Court House, San Rafael.

## CONTRACT AWARDED

COCONINO CO., Calif.—J. A. Casson, 705 Security Bldg., Phoenix, Arizona, at \$55,081.24, was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Fredonia Highway, PA 95-1 (1938) AFE 8971. The work, which begins about 28 mi. north of Flagstaff and extends northerly a distance of 15 1/2 miles, consists of furnishing and placing select material, aggregate base course and asphalt surface treatment, and is to be completed on or before Dec. 15, 1937.

## BIDS OPENED

IMPERIAL COUNTY, Cal. R. E. Hazard & Sons, P. O. Box 1138, San Diego, at \$5,590 submitted low bid to State Highway Dept., 1165 Harbor Blvd., San Diego, for highway filling in Imperial county between Trifolium Canal and 7 miles north of Coach Springs (X1-imp-26-R-C) about 11.3 miles in length, seal coat to be applied.

Work involves:

- (1) 110 tons hand asphalt, MC-4;  
 (2) 1700 tons screenings  
 Total bid: follow.  
 R. E. Hazard & Sons (1) \$18,500;  
 (2) \$2; Total, \$19,000.  
 A. S. Vonnell, Alhambra (1) \$22,  
 (2) \$3.00; Total, \$18,500.  
 F. W. E. North Hollywood (1) \$17.00 (2) \$14.50; Total, \$31,250.

## CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Until 8 p.m., bids will be received by the Los Angeles Railway Bldg., at \$22,529.50, an advertised contract by the Los Angeles Harbor Department for asphalt paving, steel floors, steel deck and roadways.

**BIDS WANTED**

SAN RAFAEL, Marin Co., Calif.—Until August 30, 8 p.m., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, City Hall, for the improvement of Lincoln Avenue from a point Plans and specifications may be 717 feet northerly from Linden Lane to the southerly line of Allman Avenue. obtained from the above office. \*

**BIDS WANTED**

LOS ANGELES, Calif.—Until Sept. 1, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading, paving and otherwise improving Moorpark Way between Riverside Dr. and Moorpark St.

- Work involves:
- (1) Lump sum, grading (612 c.y. excavation; 664 c.y. fill, including removal of exist. improvements);
  - (2) 28,480 sq. ft. conc. pave., 7 inches thick;
  - (3) 29,834 sq. ft. rock and oil roadway, 2 inches thick;
  - (4) 187 sq. ft. conc. gutter, 8 inches thick;
  - (5) 16 lf. wood guard rail.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Sept. 1, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading, paving and otherwise improving Monte Vista St., between Avenue 61 and Avenue 50.

- Work involves:
- (1) Lump sum, grading (220 c.y. excavation; no c.y. fill; including removal of existing improvements and 12 trees, but not including removal of 6 palm trees);
  - (2) 4134 sq. ft. conc. pave. 8 in. thick, including conc. pavement of variable thickness;
  - (3) 1004 ft. unplastered heavy class curb;
  - (4) 10 ft. monolithic curb and pave.;
  - (5) 231 sq. ft. one course walk, 6 in. thick (driveways);
  - (6) 160 sq. ft. one course walk, 4 in. thick (driveways);
  - (7) 3200 sq. ft. one course walk, 3 in. thick;
  - (8) 6 palm trees removed.

**COMPLETE BIDS**

TEHAMA CO., Calif.—Garcia Construction Co., Irvington, Calif., at \$5,358.75, submitted low bid to F. W. Haselwood, District Engineer, State Division of Highways, Redding, for applying seal coat to 8.9 miles between the south boundary and Corning.

Total bids follow:  
Garcia Construction Co., Irvington, \$5,358.75.

Granite Construction Co., Watsonville, \$5,518.50.

E. A. Forde, San Anselmo, \$5,564.  
Hayward Bldg. Material Co., Hayward, \$5,755.

Lee J. Immel, Berkeley, \$5,777.50.  
The-Clau Bros., Inc., Berkeley, \$5,700.25.

E. F. Hilliard, Sacramento, \$6,153.75  
N. M. Ball Son, Berkeley, \$6,627.50  
Hemstreet & Bell, Marysville, \$6,536.25.

**BIDS OPENED**

INGLEDOW, Los Angeles Co., Cal.—Geo. H. Oswald, 366 E. 58th St., Los Angeles, at \$7,041.32, submitted low bid to the Inglewood City Council, Arthur W. Corv, City Engineer; Otto H. Duellke, City Clerk for widening and improving Manchester Blvd., between the west line of Commercial St. and the west line of Greville Ave. The work, which will be paid for from gasoline tax funds, will consist of widening to 100 ft. and paving to 76 ft. between curbs, walk, and curb.

Work involves:

- (1) 52,241 sq. ft. excav.;
- (2) 840 lf. remove existing curb;
- (3) 1315 sq. ft. remove existing gutter;
- (4) 4082 sq. ft. remove existing sidewalk;
- (5) remodel corr. iron culvert (est. \$4845);
- (6) 6 c.y. concr. for culvert;
- (7) 540 ft. new curb;
- (8) 1475 sq. ft. new gutter;
- (9) 4019 sq. ft. new walk;
- (10) 20,896 sq. ft. asphalt concr. base and wearing surf.;
- (11) 17,240 sq. ft. medium curing rock and oil plant-mix shoulders.

Total bids follow:  
Geo. H. Oswald, 366 E. 58th St., Los Angeles, \$7,041.32  
Geo. R. Curtis Pav. Co., 7,136.04  
C. O. Sparks, 7,221.48  
Griffith Co., 7,709.09  
R. A. Wattson, 7,839.78  
Geo. J. Beck, 7,984.01  
E. L. Fleming, 8,492.77  
L. A. Paving Co., 8,603.55  
Benson Constr. Co., 9,884.99

**CONTRACT AWARDED**

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$1,657.85, was awarded contract by the San Francisco Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,064, for the construction of a rubble wall on Market Street, between Diamond and Eureka Sts. Estimated cost, \$2,800. \* 29

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Calif.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on September 8, 1937.

Following is a list of blue prints and prices:  
III-ED-11-C—Bet. one and one-quarter mi. west of El Dorado and Clark's Corner; PLANS (Number of Sheets), or before, cost:  
CROSS-SECTIONS (No. of Sheets), 89; cost, \$8.90—total, \$10.80.

X-Mer-32-C—Bet. Los Banos and ten and five-tenths mi. east: NONE.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

**CONTRACT AWARDED**

OAKLAND, Calif.—Ransome Company, 4030 Hollis St., Oakland, at \$2.50 (1); \$28 (2); \$27 (3); \$26 (4); \$24 (5), and \$21 (6), was awarded contract by Oakland City Council, W. W. Chappell, Clerk, City Hall, for the repair of cement sidewalks in Oakland for the period of Sept. 1, 1937, to Dec. 31, 1937.

- Work involves:
- (1) 1st sq. ft. sidewalk repair (total amount less per sq. ft.);
  - (2) 24 sq. ft. per sq. ft.:
  - (3) 25 do;
  - (4) 50 do;
  - (5) 100 do;
  - (6) All over 200 sq. ft. per sq. ft.

**BIDS WANTED**

COCONINO CO., Ariz.—Until Sept. 3, 10 a. m., bids will be received by the Arizona State Highway Commission, Phoenix, Arizona, for highway improvement on the Flagstaff-Fredonia Highway, P. L. 4-A (1938) AFE 976, P. L. 4-B (1938) AFE, 5978; Non FA 95-D (1938) AFE, 8977; and Non FA 95-E (1938) AFE, 8981. The work, which begins at the west end of the Navajo Bridge, near Lee's Ferry, and extends about 28 miles toward Fredonia, consists of fur-

nishing and applying asphaltic surface treatment, and is to be completed on or before Nov. 30, 1937.

- Work involves:
- (1) 740 M. gals. sprinkling;
  - (2) 450 hours rolling;
  - (3) 277,000 gals. road oil, SC-2;
  - (4) 670 c.y. blotter material.

Specifications and plans may be obtained from the office of T. S. O'Connell, State Highway Engineer.

**BIDS WANTED**

GLENDALE, Los Angeles Co., Cal.—Until Aug. 31, 4 p.m., bids will be received by Glendale Unified School District for paving roadways and parking areas at Glendale Junior College. Work involves:

- (1) Sec. A and B—36,000 sq. ft. 3-in. asphalt concr.;
- (2) Sec. C—17,000 sq. ft. 3-in. asphalt concr.;
- (3) Sec. D—39,600 sq. ft. 2-in. asphalt concr.

Plans and specifications may be obtained from the above office. 39

**CONTRACT AWARDED**

SAN FRANCISCO—Chas. L. Harney, 433 Cal Bldg., at \$45,792.50 was awarded contract by the Department of Public Works, Room 251, City Hall under Spec. No. 19053, for construction of the Castro Street extension from Duboce Ave. to Walter and Divisadero Sts. Est. cost, \$58,000.

**BIDS WANTED**

MOHAVE CO., Ariz.—Until Sept. 3, 10:30 a. m., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for highway improvement on the Kingman-Boulder Dam Highway, F.A. 123-C (1938) A.F.E. 9303. The work, which begins about 1 mile NW of Kingman and extends NW about 2.9 mi., consists of grading, draining, aggregate base course and asphalt surf. treatment, and is to be completed on or before April 30, 1938.

- Work involves:
- (1) 76,200 c.y. rdwy. excav.;
  - (2) 6000 c.y. slides and overbreak-ages;
  - (3) 5600 c.y. drainage excav.;
  - (4) 1000 c.y. struc. excav.;
  - (5) 83,500 sta. yds. overhaul;
  - (6) 500 c.y. mi. haul;
  - (7) 7,500 c.y. imported borrow;
  - (8) 1,600 c.y. mi. imported borrow haul;
  - (9) 9000 tons aggregate base course (CIP);
  - (10) 100 M. gals. sprinkling;
  - (11) 900 hours rolling;
  - (12) 70 c.y. Class A concrete;
  - (13) 67,600 lbs. reinf. steel;
  - (14) 1846 lf. CMP (six sizes);
  - (15) 27,900 lf. line fence;
  - (16) 9625 ft. road guard;
  - (17) 38,700 gals. road oil, SC-2;
  - (18) 500 tons blotter matl.

Plans and specifications may be obtained from T. S. O'Connell, State Highway Engineer.

**CONTRACT AWARDED**

SAN FRANCISCO—U. Peira & Son 375 Delano Ave., at \$286.87 awarded contract by the Department of Public Works for the construction of concrete sidewalks along the front-ages of city property on the east side of 31st Ave. between Lawton Street and the existing sidewalk 60 ft. north of Lawton St. between 30th and 31st Avenues, and the west side of 31st Ave. between Lawton St. and existing sidewalk 75 ft. north of Lawton.

**CONTRACT AWARDED**

PLACER COUNTY, Calif.—Granite Cont. Co., Ltd., Bin No. 9, Watsonville, at \$10,808 awarded contract by State Director of Public Works Earl Lee Kelly for applying seal coat to about 15.7 miles of highway between Auburn and Colfax, Placer County.

**CONTRACT AWARDED**

**ELKO COUNTY, Nev.**—Utah Const. Co., Ogden, Utah, at \$4,070.63, submitted low bid and awarded contract by Robt. A. Allen, State Highway Engineer, Carson City, Nevada, for the construction of approximately 8.25 miles state highway in Elko County, miles north of Dinner Station to a point 0.2 miles north of Dinner Station, Route 43, Section A.

**Work involves:**

- (1) 42 acres clearing;
- (2) 595 lf. remove fence;
- (3) 66,330 c.y. rdwy. excav.;
- (4) 200 c.y. drainage excav.;
- (5) 56 sta. V Type ditches;
- (6) 4,775 c.y. borrow;
- (7) 54,663 yd. sta. overhaul (yd. sta.);
- (8) 792 yd. mile overhaul (yd. ml.);
- (9) 530 c.y. struc. excav.;
- (10) 1,425 m. subgrade, Type C;
- (11) 40,656 tons Type 1 gravel base;
- (12) 85 c.y. Class A concrete;
- (13) 29 c.y. Class B concrete;
- (14) 1346 lf. 18-in. CMP (dipped);
- (15) 280 lf. 24-in. do.;
- (16) 122 lf. 30-in. do.;
- (17) 154 lf. 36-in. do.;
- (18) 7570 lbs. reinf. steel;
- (19) 13,500 lbs. struc. steel;
- (20) 40 MFBM untreated Douglas fir;
- (21) 50 each. monuments;
- (22) 5,408 lf. construct fence;
- (23) 6 each. 16 ft. steel gates.

**Total bids follow:**

Utah Const. Co., Ogden ..... \$49,070.63  
Geo. French, Jr., Stockton ..... 49,913.47  
Dodge Const., Inc., Fallon ..... 51,932.86

**CONTRACT AWARDED**

**ORMSBY COUNTY, Nev.**—Silver State Const. Co., Inc., Fallon, Nev., at \$4,410.29, submitted low bid and awarded contract by Robert A. Allen, State Highway Engineer, Carson City, for approximately 0.866 miles highway construction from the Nevada State Prison, Engineer's Station "A" 89+61.72 to a point approximately 9 mile east, Engineer's Station "B" 135+37.34, Ormsby County.

**Work involves:**

- (1) 416 A. clearing;
- (2) 107 lf. remove culvert pipe;
- (3) 6,771 c.y. rdwy. excav.;
- (4) 15,802 yd. sta. overhaul (yard sta.);
- (5) 330 yd. mile overhaul (yd. ml.);
- (6) 40 c.y. struc. excav.;
- (7) 107 M gals. water;
- (8) 50 tons liq. asph., Type SC2;
- (9) 72 c.y. backfill;
- (10) 33 sta. surface ditches;
- (11) 6 c.y. Class B concrete;
- (12) 140 lbs. reinf. steel;
- (13) 176 lf. 18-in. CMP (dipped);
- (14) 16 each. monuments;
- (15) 50 c.y. rock cleanup;
- (16) Lump sum, roadside cleanup.

**Total bids follow:**

Silver State Const. Co., Inc., \$4,410.29  
Nevada Rock & Sand Co., Inc. .... 4,969.36  
Reno ..... 5,665.94  
Isbell Const. Co., Reno .....

**COMPLETE BIDS**

**TEHAMA CO., Calif.**—Garcia Construction Co., Irvington, Calif., at \$5,358.75, submitted low bid to F. W. Haselwood, District Engineer, State Division of Highways, Redding, for applying seal coat to 8.9 miles between the south boundary and Corn-

**Work involves:**

- (1) 110 tons liquid asphalt, 90-95;
- (2) 1325 tons screenings;

**Total bids follow:**

(A) Garcia Const. Co., Irvington, \$5,358.75  
(B) Granite Const. Co., Watsonville, \$5,518.50  
(C) E. A. Forde, San Anselmo, \$5,564.00  
(D) Hayward Building Material Co., Hayward, \$5,755.00  
(E) Lee J. Inmel, Berkeley, \$5,777.50  
(F) Tieslaw Bros., Inc., Berkeley, \$5,882.25.

(G) E. F. Hilliard, Sacramento, \$6,153.75.

(H) W. M. Ball Son, Berkeley, \$6,627.50.

(I) Hemstreet & Bell, Marysville, \$6,836.25.

**Unit prices follow:**

	(1)	(2)
(A) .....	\$18.00	\$5.55
(B) .....	16.20	2.50
(C) .....	18.30	2.68
(D) .....	21.00	2.60
(E) .....	20.00	2.70
(F) .....	20.35	2.75
(G) .....	18.00	3.15
(H) .....	20.50	3.00
(I) .....	23.00	3.25

**BIDS WANTED**

**ALAMEDA COUNTY, Calif.**—Until August 24, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco for rental of one asphalt pavement planer, chisel tooth type, wt. not less than 15,000 lbs., for approximately 300 hours' use near Hayward in Alameda County.

Specifications obtainable from the above office.

**CONTRACT AWARDED**

**COCONINO CO., Arizona.**—Pearson & Dickerson Contractors, Inc., Box 171, Prescott, Arizona, at \$57,964.00, was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Flagstaff-Fredonia Highway, FA 95-G (1938) AFE 8970. The work, which begins at the highway junction about six miles east of Flagstaff and extends northerly about 8.8 miles, consists of grading and furnishing and placing select material, aggregate base course and 90-95 road oil plant mix, and is to be completed on or before Feb. 28, 1938.

**BIDS WANTED**

**SANDERS CO., Mont.**—Until September 9, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 342 Post Office Bldg., Missoula, Mont., for constructing or improving 3,992 miles of the Clark Fork Highway Reconstruction Grading Project, 6-A1, National Forest Road Project, County of Sanders, Mont.

**Work involves:**

- (1) All lump maint. of exist. road;
- (2) All lump extra and misc. force account work;
- (3) 15 acres clearing;
- (4) 405,975 c.y. unclass. excav.;
- (5) 90,600 cu. yds. special overhaul;
- (6) 9,500 c.y. mi. special overhaul;
- (7) 3,992 mi. finishing earth grad. road;
- (8) 28 c.y. class A concrete.

Plans and specifications may be obtained at the above office upon deposit of \$10.

**BIDS WANTED**

**WHAITEMOON CO., Wash.**—Until September 9, 10 a. m., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Oregon, for constructing or improving 618 miles of the Mt. Baker Highway Reconstruction Suffering Project 6-A8, National Forest Road Project, Whatcom County, Wash.

**Work involves:**

- (1) 1700 c.y. unclass. excav.;
- (2) 175 mi. fine grading of subgrade and shoulders;
- (3) 18,000 tons heavy base course;
- (4) 7,000 tons crusher run top course;
- (5) 1,000 units watermg.
- (6) 1,550 lb. hub-hub rustle guard rail, Type 7.

Plans and specifications may be obtained from the above office upon the deposit of \$10.

**BIDS WANTED**

**ORANGE CO., Calif.**—Until Sept. 16, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 2.6 mi grading and paving with Portland cement concrete Hampshire Avenue, between Coast Blvd. and Garfield St., Orange County.

**Work involves:**

- (1) 139 sta. clearing and grubbing;
- (2) 2100 M. gals. water;
- (3) 15 c.y. removing existing conc.;
- (4) 61,000 c.y. roadway excav., without class;
- (5) 720 c.y. structural excav.;
- (6) 500 c.y. ditch and channel excavation;
- (7) 125,000 cu. yd. overhaul;
- (8) 18,000 cu. yds. overhaul;
- (9) 34,000 sq. yds. repairing subgrade;
- (10) 139 sta. finishing roadway;
- (11) 40 tons liquid asphalt, SC-2 (prime coat);
- (12) 410 tons mineral aggregate class mix surfacing;
- (13) 25 tons liquid asphalt, ROMC-3 (plant-mixed surfacing);
- (14) 495 tons liquid asphalt, SC-2 (road-mix surface treatment);
- (15) 40,000 sq. yds. preparing, mixing, and shaping shoulders;
- (16) 6,400 c.y. Class A Portland cement concrete pavement;
- (17) 26,500 lbs. bar reinforcing steel pavement and structure;
- (18) 12,500 each. pavement dowels;
- (19) 15 c.y. Portland cement concrete structure;
- (20) 90 lf. 8-in. CMP;
- (21) 120 lf. 12-in. do.;
- (22) 210 lf. 18-in. do.;
- (23) 510 lf. 24-in. do.;
- (24) 110 lf. removing, cleaning and relaying pipe culvert;
- (25) 90 lf. removing, cleaning and salvaging pipe culvert;
- (26) 9 each. spillway assemblies;
- (27) 74 each. guard post markers.

Plans and specifications may be obtained from the above office.

**PLANS APPROVED**

**OAKLAND**—Alameda Co., Calif.—The City of Oakland Port Commission has approved plans and specifications for the grading and paving of Maritime Street, from 14th Street to the overseas structure.

Bids will be invited shortly.

**BIDS OPENED**

**FORT BAKER, Marin Co., Calif.**—Hutchinson Sand & Gravel Co., Greenbrae, at \$3.35 per ton, submitted low bid to the Quartermaster, Harbor Defenses of San Francisco, Fort Baker, under Bid No. QM-825-38-2, for furnishing and spreading 300 tons pre-mixed asphalt top coat, starting at the gate by the Guard House and working toward Saugatico. Mixture to be dumped into a spreader furnished by the government and spread by contractor's trucks.

**Total bids follow:**

Hutchinson Sand & Gravel Co., Greenbrae, \$2.55 per ton.  
Eaton & Smith, San Francisco—\$1.35.  
Pacific Pavement Co. Ltd.—\$1.40.  
Chas. L. Harvey, \$1.50.

**BIDS WANTED**

**LOS ANGELES COUNTY, Calif.**—Until September 16, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for one mile surfacing with asphalt concrete between Atlantic Blvd. and N. 5th Ave., Monterey Park, Los Angeles.

**Work involves:**

- (1) 60,000 cu. yd. water;
- (2) 100,000 c.y. heavy excav. (total, unclassified);
- (3) 120,000 cu. yds. light excav. (total, unclassified);
- (4) 16,000 cu. yds. light excav. (total, unclassified);
- (5) 22,000 cu. yds. asphalt binder.

- (6) 750 tons asphalt cement, Grade B asphalt concrete;  
 (7) 420 tons mineral aggregate, asphalt concrete base and leveling course;  
 (8) 6330 tons mineral aggregate asphalt concrete, Type A surf.;  
 (9) 30 each adjusting manholes to grade.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**STOCKTON, San Joaquin Co., Cal.**—S. M. McGaw, 425 Lexington Ave., Stockton, at \$4,138.30, submitted low bid and was recommended for award by the Stockton City Council, B. L. Trahern, City Clerk. City Hall, Stockton, for the improvement of E Street from Myrtle Street to Linden Road.

Work involves:

- (1) 2054 cu. excavation;  
 (2) 96 cu. embankment;  
 (3) 859 tons cementing road gravel;  
 (4) 516 tons plant-mixed surfacing.  
 Total bids follow:  
 (A) S. M. McGaw, 425 Lexington Ave., Stockton—\$4,438.30.  
 (B) Al Biosetti & Son, Stockton—\$4,461.35.  
 (C) Heafey-Moore Co., Oakland—\$4,848.75.  
 (D) M. J. B. Construction Co., Stockton—\$5,382.75.  
 (E) George French, Jr., Stockton—\$5,563.00.

Unit prices follow:

	(2)	(3)	(4)
(A)	\$ 50	\$ 30	\$1.90
(B)	.35	1.00	1.55
(C)	.40	.40	2.25
(D)	.45	.60	1.95
(E)	1.00	.50	1.50

#### BIDS WANTED

**OAKLAND, Calif.**—Until Sept. 14, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the construction of the new Moss Ave. Approach between Broadway and Broadway streets, State Highway, Route 5, District 4.

Work involves:

- (1) 21,768 cu. excavation;  
 (2) 4,295 tons imported filling material;  
 (3) 7,294 tons stabilized base;  
 (4) 14,962 lb. concrete curb;  
 (5) 4,618 sq. ft. concrete gutter;  
 (6) 279,700 sq. ft. concrete pave.;  
 (7) 5,280 sq. ft. concrete penetration pavement;  
 (8) 27,065 sq. ft. cement sidewalk;  
 (9) 1,418 sq. ft. concrete driveway;  
 (10) 84 tons asphalt concrete surf.;  
 (11) 198 cu. concrete in structure, 5-sack mix;  
 (12) 208 cu. concrete in structure, 6-sack mix;  
 (13) 32 cu. concrete in structure, 7-sack mix;  
 (14) 27,425 lb. reinforcing steel;  
 (15) 75 lf. 6-ft. reinf. concrete culvert;  
 (16) 1 paper section reinf. concrete culvert, 20-ft. long;  
 (17) 388 lf. 24-in. pipe conduit;  
 (18) 395 lf. 29-in. pipe conduit;  
 (19) 8 lf. 18-in. vit. pipe conduit;  
 (20) 198 lf. 15-in. do.;  
 (21) 1435 lf. 12-in. do.;  
 (22) 50 lf. 6-in. do.;  
 (23) 665 lf. 8-in vit pipe sewer;  
 (24) 47 lf. 6-in. tile drain;  
 (25) 13 manholes w/rd. stand. tops;  
 (26) 1 manhole with inlet top;  
 (27) 27 strongwater inlets, Type "B";  
 (28) 3 strongwater inlets with 21-in. opening;  
 (29) 3 lamp posts;  
 (30) 1 drop connection;  
 (31) 8 wye branches;  
 (32) 711 lf. wire fencing (exclusive of gates);  
 (33) 23 lf. swing gates for wire fence;  
 (34) 18 lf. sliding gate for do.;  
 (35) 68 lf. pipe railing.

Plans and specifications may be obtained at the office of the City Engineer upon deposit of \$20.00.

### 30—RESERVOIRS & DAMS

#### BIDS OPENED

**PORTLAND, Ore.**—Gilpin Constr. Co., Portland, Oregon, at \$1,595, submitted the low bid to the U. S. Engineer Office, 306 Custom House, Portland, under Bid No. 698-38-26, for about 80 lf. pile dike No. 42-6 in the Columbia River at Dobelbower, 43 miles below Portland. Estimated cost, \$1,523.

Work involves:

- (1) 3,700 lf. Douglas fir piling;  
 (2) 1,200 lbs. bolts, spikes and cable fastening;  
 (3) 24 MFBM lumber.  
 Total bids follow:  
 The Gilpin Construction Co., Portland, Oregon—\$1,595.  
 Industrial Engineers & Contractors, Inc., Tacoma, Wash.—\$1,651.50.  
 The Makela Constr. Co., Astoria, Oregon—\$1,683.  
 Albert Burcham, St. Helens, Ore.—\$1,720.  
 Jaspers Piledriving Co., Cathlamet, Wash.—\$1,783.  
 Jacobsen Construction Co., Portland, Ore.—\$1,873.20.

#### CONTRACT AWARDED

**EUREKA, Humboldt Co., Calif.**—Mercer-Fraser Co., Second and Commercial Sts., Eureka, at \$27,875 submitted low bid and awarded contract by the Eureka City Council, J. C. Barkdull, City Clerk, City Hall, Eureka, for the clearing of reservoir site owned by the construction of the Mad River Dam in Section 10, T. 5-N, R. 2-E, Humboldt Base and Meridian.

Complete total bids were as follows:

- Mercer-Fraser Co., ..... \$27,875  
 N. M. Ball Sons, Albany, and  
 J. Smith & Sons, Eureka, ..... 36,000  
 John Burman & Sons, Eureka, 43,875

#### BIDS WANTED

**August 24, 1937.**  
**EL PASO DE ROBLES, San Luis Obispo Co., Calif.**—Until September 20, 5 p.m., bids will be received by the El Paso de Robles City Council, S. S. Tucker, City Clerk, City Hall, for the raising of the walls and re-roofing of the water reservoir, situated on a portion of Allen's Subdivision of Villa Lot No. 2, in the City of El Paso de Robles.

Plans and specifications may be obtained from the above office upon deposit of \$5.00.

#### BIDS WANTED

**SACRAMENTO, Calif.**—Until September 14, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Building, Sacramento, under Proposal No. 1105-38-30, for levee construction along a portion of the South Levee of Bear River, along the north and south levees of South Dry Creek Lateral, along the South Levee of Grasshopper Creek; and excavation along the Grasshopper Creek Diverting Channel.

Work is located as follows:

- (a) Along the South Levee of Bear River for about 1.06 miles between points approximately 1.10 ml. and 2.16 ml. west of Carlin Bridge.  
 (b) Along the North Levee of Bear River and North Levee of South Dry Creek for about 1.86 ml. between points approximately 0.45 ml. and 2.31 ml. east of the Western Pacific Railroad.  
 (c) Along the North Levee of South Dry Creek for about 0.89 ml. between points approximately 2.31 ml. and

3.20 ml. east of the Western Pacific Railroad; and along an extension of said North Levee of Bear River 500 feet in length, along the easterly boundary of the Sing property, and approximately 1.4 ml. north of the main channel of Bear River.

(d) Along the South Levee of South Dry Creek from its termination with the North Levee of Bear River approximately 1 mi. west of Carlin Bridge, easterly about 7.0 ml. to a point approximately 2.6 ml. east of the Southern Pacific Railroad.

(e) Along the North Levee of South Dry Creek between the State Highway and Southern Pacific Railroad Bridges, a length of approximately 2,000 feet.

(f) Two levees with borrow pit between, connecting the South Levee of South Dry Creek with the Grasshopper Creek Diversion Channel, southerly from the easterly end of Part (d), approximately 1,900 feet to the westerly end of the Grasshopper Creek Diversion Channel.

(g) Channel excavation through the ridge between Grasshopper Creek and South Dry Creek to connect with the southerly terminus of the connecting levees; (f), above, and the westerly terminus of the Grasshopper Creek Levee, (h) below.

(h) Along the South Levee of Grasshopper Creek from a point approximately 1/2 mile west of Horatville to a point approximately 2,400 feet east of Horstville.

The total quantities of earthwork involved are approximately as follows:

- Part (a) 12,600 cu. y.; Part (b) 234,200 cu. y.; Part (c) 75,000 cu. y.; Part (d) 459,200 cu. y.; Part (e) 26,000 cu. y.; Part (f) 32,200 cu. y.; Part (g) 22,200 cu. y.; Part (h) 28,600 cu. y. (See Locality Map.)

Work involves:

- (1) 867,800 cu. y. levee embankment, in place;  
 (2) 22,200 cu. y. excav.;  
 (3) 790 cu. y. road gravel, in place;  
 (4) 21 cu. y. class A concrete, in place;  
 (5) 1,220 lbs. reinf. steel, in place;  
 (6) 150 ft. corrug. iron pipe 8-in. diam. No. 14 gage, with necessary 8-in. diam. band couplers, in place;  
 (7) 1,866 ft. corrug. iron pipe, 18-in. diam. No. 12 gage, with necessary 18-in. diam. band couplers, in place;  
 (8) 382 ft. corrug. iron pipe, 24-in. diam. No. 12 gage, with necessary 24-in. diam. band couplers, in place;  
 (9) 94 ft. corrug. iron pipe, 30-in. diam. No. 12 gage, with necessary 30-in. diam. band couplers, in place;  
 (10) 622 ft. corrug. iron pipe, 36-in. diam. No. 10 gage, with necessary 36-in. diam. band couplers in place;  
 (11) 170 ft. corrug. iron pipe, 48-in. diam. No. 10 gage, with necessary 48-in. diam. band couplers, in place;  
 (12) Four corrug. iron cut-off sheets to fit 8-in. diam. corrug. iron pipe, in place;  
 (13) Forty corrug. iron cut-off sheets to fit 18-in. diam. corrug. iron pipe, in place;  
 (14) 12 corrug. iron cut-off sheets to fit 24-in. diam. corrug. iron pipe, in place;  
 (15) Two corrug. iron cut-off sheets to fit 30-in. diam. corrug. iron pipe, in place;  
 (16) 12 corrug. iron cut-off sheets to fit 36-in. diam. corrug. iron pipe, in place;  
 (17) Two corrug. iron cut-off sheets to fit 48-in. diam. corrug. iron pipe, in place;  
 (18) Two Calco No. 101 Slide head gate, 18-in. diam. with 8-ft. gate frame, or equal, in place;

- (19) Four Calco No. 101 Slide head gate, 18-in. diam. with 5-ft. gate frame, or equal, in place;
- (20) One Calco No. 101 Slide head gate, 24-in. diam. with 8-ft. gate frame, or equal, in place;
- (21) Two Calco No. 101 Slide head gate, 18-in. diam. with 12-ft. gate frame, or equal, in place;
- (22) Two Calco No. 100 Automatic drainage gate, 8-in. diam. or equal, in place;
- (23) 14 Calco No. 100 Automatic drainage gate, 18-in. diam. or equal, in place;
- (24) 3 Calco No. 100 Automatic drainage gate, 24-in. diam. or equal, in place;
- (25) 1 Calco No. 100 Automatic drainage gate, 30-in. diam. or equal, in place;
- (26) 4 Calco No. 100 Automatic drainage gate, 36-in. diam. or equal, in place;
- (27) 1 Calco No. 100 Automatic drainage gate, 48-in. diam. or equal, in place;
- (28) 2 Calco Embankment Protectors or equal, in place;
- (29) 8 galvanized iron flange to fit 2-in. diam. pipe for air vents in place;
- (30) 62 ft. galvanized iron pipe, 2-in. diam. for air vents, cut to length, in place;
- (31) 1 corrug. iron pipe, 24-in. diam. and Calco No. 101 gate; remove and waste;
- (32) 20 cu. yds. in spillway and headwall, remove and waste.
- (33) 260 sq. yds. oil surfacing from county roads, remove and waste;
- (34) 30 ft. corrug. iron pipe, 12-in. diam., remove and re-install;
- (35) 41,585 ft. new fence, in place

E. L. Gates and M. J. O'Neill, Eugene, Ore. ....	179,525
Kern & Gibbs, Portland.....	183,100
Elliott & Co., Seattle.....	189,600
Leonard & Slate, Multnomah.....	189,800
Harold Blake, Portland.....	197,550
Frederickson and Westbrook, Lower Lake, Calif. ....	198,600
Colonial Const. Co., Spokane.....	200,600
C. T. Malcolm, Portland.....	209,875
McNutt Bros., Eugene.....	219,300
Columbia Const. Co., Bonneville.....	228,710
Sam Orno, Bonneville.....	233,800
Clifford Dunn, Klamath Falls.....	233,850
White & Goulter, Seattle.....	253,000
Siems-Spokane, Spokane.....	257,700
Berke Bros. Inc., Portland.....	260,125

**PROPOSED**

**CORONA**—M. G. Blanchard, Chief Manager, T. & S. P. Ry. has announced that the re-location of 6.21 miles of the Santa Fe tracks in Santa Ana Canyon, made necessary by the proposed Prado Dam and reservoir, near Corona, will cost \$926,623.18. The dam is to be constructed by the U. S. Army Engineer as part of the Orange County Flood Control Programme.

**31—PIPE LINES & WELLS**

**CONTRACT AWARDED**

**SAN FRANCISCO**—W. J. Tobio, 3701 Balfour Ave., Oakland, at \$70,010.46, was awarded contract by the San Francisco Bay Exposition Co., 585 Bush St., for the construction of the first unit of the high pressure water system on Yerba Buena Shoals.

**SUB BIDS WANTED**

**LOS ANGELES, Calif.**—Williams Bros. & Haas, 1104 Merchants Exch. Bldg., San Francisco, are figuring plans and desire sub bids on all portions of work for the construction of the Palos Verdes feeder of the Colorado River Aqueduct, for which bids will be opened September 1, 10 a. m., Metropolitan Water District.

August 24, 1937.

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Underground Construction Co., 6 Alvarado St., Berkeley, at \$12,120, was awarded contract by the Constructing Quartermaster, Sacramento Air Depot, California, for the construction and completion of a Gas Distribution System at the Sacramento Air Depot.

**CONTRACT AWARDED**

**ALAMEDA AND CONTRA COSTA COS., Calif.**—G. M. Gest, 1216 24th St., Oakland, at \$14,688.90, was awarded contract by the Pacific Telephone & Telegraph Company for the construction of an underground conduit and cable.

**SUB BIDS WANTED**

**LOS ANGELES, Calif.**—Williams Bros. & Haas, 1104 Merchants Exch. Bldg., San Francisco, are figuring plans and desire sub bids on all portions of work for the construction of the Palos Verdes feeder of the Colorado River Aqueduct, for which bids will be opened September 1, 10 a. m., Metropolitan Water District.

**CONTRACT AWARDED**

**SAN FRANCISCO**—San Francisco Water Department, 425 Mason St., at \$176.70, was awarded contract by the Public Utilities Commission, Rm 957 City Hall, under Spec. No. WD 151, for the laying of 2-, 6- and 8-in. cast-iron mains in Greenview, 22nd and Arkansas Streets and in Harwood Alley.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**PLANNED**

**ORANGE CO., Cal.**—City of Orange has withdrawn from Orange County Joint Outfall Sewer District and will proceed at once with plans for the building of an individual sewage treatment plant to cost between \$65,000 and \$75,000. The directors of the district have authorized the WPA application for \$120,000 to finance the rebuilding of three miles of the joint outfall, using 27- and 30-in. vitrified clay pipe, except in Section 1 where Santa Ana specified concrete pipe.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Sept. 8, 10 A. M., bids will be received by Los Angeles Board of Public Works for construction of sewers in Leland Street between 36th and 38th Streets under 1911 ace. Estimated cost, \$2,124.61.

- Work involves:
- (1) lump sum, sanitary sewer (575 ft. 8-in. pipe, 24 wyes and tees, 15 ft. bends);
  - (2) 32 ft. house connection sewers;
  - (3) 23,040 sq. ft. AA resurf.

**BIDS OPENED**

**HUNTINGTON BEACH, Orange Co., Calif.**—A. L. Gabrielson, 3316 Comer Ave., Riverside, at \$14,946.70, submitted low bid to the Huntington Beach city council, C. R. Furr, City Clerk, for the construction of a drainage system and storm drains in the district centering at Orange and 13th Streets. Plans provide for the construction of a 32-inch reinforced concrete drain from the intersection of the above streets to the ocean front. The estimated cost is \$16,000. Harry Overmyer, city engineer, prepared the plans. The work, which will be bid upon as a lump sum, will involve:

- (1) 3500 cu. yd. dirt excavation;
- (2) 1416 ft. 36-in. reinf. conc. pipe;
- (3) 8 ft. 33-in. do.;
- (4) 56 ft. 24-in. do.;
- (5) 26 ft. 18-in. do.;
- (6) 32 ft. 36-in. precast manhole pipe;
- (7) 6250 sq. ft. cement walk;
- (8) 2300 sq. ft. macadam pavement to be replaced;
- (9) 3 manholes and frame and cover sets;
- (10) 100 cu. curb.

Total bids follow:  
A. L. Gabrielson, 3316 Comer Ave., Riverside—\$14,946.70.  
Artukovich Bros.—\$15,200.  
Harry L. Foster, San Diego—\$15,319.1.  
Behek & Brklich—\$15,555.  
V. J. K. Constr. Co.—\$15,685.  
W. J. Torsen Constr. Co.—\$15,835.  
Culjak & Zelko—\$15,868.50.  
E. C. Nickel—\$16,600.  
Santo Tedesco—\$16,949.  
Drainage Constr. Co., Lynwood—\$17,750.  
Dewald Bros.—\$18,200.  
Radich & Brown—\$18,695.  
Dimmitt & Taylor—\$19,900.  
Bids held under advisement.

**RECOMMENDED FOR AWARD**

**BREMERTON, Wash.**—Maerl and Co. 511 21st N., Seattle, at \$31,116 submitted low bid and was recommended for award by Cliff Casad, city engineer, Bremerton, for storm sewers. West Bremerton.

- Work involves:
- (1) 3700 ft. 42-in. reinf. conc. pipe;
  - (2) 150 ft. 24-in. conc. sewer pipe;
  - (3) 7 manholes;
  - (4) 1 storm overflow.
- Total bids follow:  
Maerl & Co., 511 21st N. St., Seattle—\$31,116.

**BIDS WANTED**

**BOULDER CANYON PROJECT**—Until October 4, 2 p. m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Denver, Colorado, under Spec. No. 749, for two 168-inch butterfly valves for installation in the Boulder power plant, Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained at the above office and also at the Bureau of Reclamation, Washington, D. C.

**LOW BIDDERS**

**VENTURA, Cal.**—Minnia & Moody, 1239 N. Larabe St., Los Angeles, at \$70,498.15 (alternate \$71,579.35), and Jacob P. Immel, P.O. Box 192, Ventura, at \$71,026.50 on Alternate (\$70,514.30 regular bid), submitted low bids to the Ventura city council for construction of an earth embankment type power water storage reservoir, in accordance with plans prepared by Carl Froerer, city engineer. Certified check or cashier's check or corporate surety bid bond, 10%.

**BIDS OPENED**

**THE DALLES, Ore.**—J. A. Terteling & Sons, Boise, Idaho, at \$142,050, submitted low bid to the District Engineer, U. S. Engineer Office, Bonneville, Oregon, for the construction of levees at Dalles City. Estimated cost, \$311,650.

- Work involves:
- (1) 25 cu. clearing;
  - (2) 60,000 cu. y. unclass. excav.;
  - (3) 40,000 cu. y. rock excavation;
  - (4) 8,000 cu. y. furnishing and placing gravel;
  - (5) 1,800 hours furnishing and operating sheeps foot roller;
  - (6) 60 hours furnishing and operating 3-wheeled roller.

Total bids follow:  
J. A. Terteling & Sons, Boise \$142,050  
Kuhn Brothers, Manhattan Beach, Calif. .... 147,295

Soule and Walters, Manette,  
Bremerton..... 37,350  
Queen City Const. Co., Seattle 43,236  
L. Coluccio & Con., Seattle..... 45,453  
Northwest Const. Co., Seattle 56,870

**BIDS WANTED**

**SANTA MONICA, Los Angeles Co., Cal.**—Until Aug. 30, 10 a. m., bids will be received by the Santa Monica city council, City Hall, for the construction of a storm drain and appurtenances in 26th St. and in Santa Monica Blvd. from the SE side of Santa Monica Blvd. to Santa Monica Blvd. Place North.

- Work involves:
- (1) 34 c.y. existing pavement and structures to be demolished;
  - (2) 330 c.y. excavation;
  - (3) one existing storm drain manhole to be remodeled;
  - (4) 194½ ft. 36-in. 1500-D centrif. reinf. concrete pipe;
  - (5) One standard storm drain manhole to be constructed;
  - (6) One standard catchbasin No. 1, side opening;
  - (7) One do No. 3, two grating opening;
  - (8) One do No. 3, three grating opening;
  - (9) One do, No. 3, four grating opening;
  - (10) 6 c.y. Class A concrete;
  - (11) 88 ft. 21-in. 2000-D centrif. reinf. concrete pipe;
  - (12) 20 ft. 15-in. extra strength cement pipe;
  - (13) 8 ft. 12-in. do;
  - (14) 4 sq. yds. asph. paint binder;
  - (15) 27 tons asph. conc. pave. (leveling course);
  - (16) 23 tons asph. conc. pave. (type B surf.);
  - (17) 3 tons concrete pave. (type C surf.).

Plans and specifications may be obtained at the office of the City Engineer, Howard B. Carter.

**CONTRACT AWARDED**

**WASCO, Kern Co., Calif.**—Graybill & Saco at \$1,195 were awarded the contract by the board of trustees of the Wasco Grammar District for construction of a new sewer connection to the new town sewer system.

**BIDS WANTED**

**SAN MATEO, Calif.**—Until September 7th, 8 p. m., bids will be received by the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, for the construction of sewers in 28th Ave., San Mateo.

- Approximate work involved:
- (1) 2302 ft. trenching at a depth of 6 feet;
  - (2) 115½ lf. 6-in. vit. clay sewer pipe;
  - (3) 1203 lf. 8-in. vit. clay sewer pipe;
  - (4) 12 ft. by 4-in. vit. clay wye branches;
  - (5) 6900 bricks;
  - (6) 500 gals. emulsified asph.;
  - (7) 70 yds. base rock;
  - (8) 25 lbs. cement;
  - (9) 10 tons No. 2 sand;
  - (10) 26 manhole steps;
  - (11) 6 cast iron frames and covers for manholes.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**DALLAS CITY, Ore.**—Until Sept. 17, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-61, for revising the sewer system and constructing pump houses and other concrete structures at Dallas City.

- Work involves:
- (1) 19,000 c.y. unclass. excav.;
  - (2) 3,500 lf. 6-in. concrete or vitrified clay sewer pipe;
  - (3) 4,300 lf. 8-in. do;

- (4) 1,750 lf. 10-in. do;
  - (5) 2,450 lf. 12-in. do;
  - (6) 1,900 lf. 15-in. do;
  - (7) 1,300 lf. 18-in. do;
  - (8) 1,100 lf. 21-in. do;
  - (9) 2,600 lf. 24-in. do;
  - (10) 1,450 lf. 27-in. do;
  - (11) 1,550 lf. 36-in. do;
  - (12) 110 lf. 8-in. cast iron sewer pipe;
  - (13) 430 lf. 36-in. concrete culvert pipe;
  - (14) 400 lf. 6-in. clay drain tile;
  - (15) 3,500 lf. 8-in. clay drain tile;
  - (16) 820 lf. Class B concrete;
  - (17) 980 c.y. Class A concrete;
  - (18) 300,000 lbs. reinf. steel;
  - (19) 41 each new concrete manholes, complete;
  - (20) 17 each new concrete inlets, complete;
  - (21) 3,000 lf. piling below cutoff;
  - (22) 450 lf. piling above cutoff;
  - (23) 14,000 lbs. misc. ferrous metal;
  - (24) 1 job roofing, sheet metal, sash and doors;
  - (25) 1 job 4 sluice gates;
  - (26) 1 job electric lighting for pump houses, complete;
  - (27) 20 lf. 3-in. power conduit;
  - (28) 160 lf. 1½-in. power conduit;
  - (29) 40 lf. 1-in. power conduit.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**GLENDALE, Los Angeles Co., Cal.**—Until Aug. 26, 10 a. m., bids will be received by Glendale city council (J. C. Albers, City Engineer), for construction of culverts at intersections of Grandview Ave. with San Fernando Road and with Cleveland St.

- The work involves:
- (1) 75 c.y. remove and dispose of concrete;
  - (2) 150 c.y. excavation;
  - (3) 60 c.y. class B concrete;
  - (4) 35 c.y. high early strength concrete;
  - (5) 6700 lbs. reinf. steel;
  - (6) 60 ft. class B curb;
  - (7) 4 only, frames and grates;
  - (8) 8 rats, supports and adapters, 12 ft. long;
  - (9) 500 lbs. galv. angles, anchor bolts and supports;
  - (10) 2 concrete manhole covers;
  - (11) 5700 lbs. struc. steel angles, 3½ x 3½ in. black;
  - (12) 62 sq. ft. 1 beamlock slab H 20 loading, 3½ ft. wide;
  - (13) 635 sq. ft. same, 4½ ft. wide;
  - (14) 36 ft. 12-in. class D cast-iron pipe;
  - (15) 500 sq. ft. expansion material.

**BIDS OPENED**

**LOS ANGELES, Calif.**—The following submitted bids to the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for 19,300 ft. 3-conductor, size 4/0 armored cable for 2300-volt service. Spec. 233:

Listenwaller & Gough, Inc., L. A.—(1) \$1,815 ft. total \$55,039.15; ½ of 1% reels; \$53 (Triangle Conduit & Cable Co., Brooklyn, N. Y.)

Circle Wire & Cable Corp., L. A.—(1) \$1,935 ft. total \$37,345.50; ½ of 1% do; reels \$53 ea. (Circle, Brooklyn, N. Y.)

Associated Wholesale Elec. Co., L. A.—(1) \$1,986 ft. \$38,329.80; ½ of 1% do; reels \$53 ea. (Percent Ins. Wire & Cable Co., Trenton, N. J.)

General Elec. Supply Corp., L. A.—(1) \$2,044 ft. \$39,449.20; ½ of 1% do; reels \$53 ea. (Gen. Elec., Bridgeport, Conn.)

Hazard Insulated Wire Co., Div. of Okonite Co., Wilkes-Barre, Pa.—(1) f.o.b. Banning, \$2,691 ft. \$40,356.30; ½ of 1% do; incl 45 reels at \$53 ea.

Granbar Elec. Co., L. A.—(1) \$2,091 ft. \$40,356.30; net, 30 days; ½ of 1% do from date of invoice; reels, \$53 ea. (Habirshaw, Yonkers, N. Y.)

Phelps-Dodge Copper Prod. Corp., L. A.—(1) \$2,091 ft. total \$40,356.30; net cash 30 da; ½ of 1% 10 da date

invoice; 45 reels at — (Habirshaw, Yonkers, N. Y.)

Anacoanda Wire & Cable Co., N. Y.—(1) \$2,091 ft. \$40,356.30; 10,000 ft. 40 da; compl in 50 da; ½ of 1% 10 da; net 30 da; 45 reels at \$53 ea. (Anacoanda, Marion, Ind.)

John A. Roebbing Sons Co., L. A.—(1) \$2,091 ft. \$40,356.30; ½ of 1% 10 da; reels \$53 ea.

General Cable Corp., L. A.—(1) \$2,091 ft. \$40,356.30; ½ of 1% 10 da; net 30 da; reels \$53 ea. (Gen. Cable Corp., Bayonne, N. Y.)

Simplex Wire & Cable Co., L. A.—(1) \$2,091 ft. \$40,356.30; ½ of 1% 10 da; 30 da net; reels \$53 ea. (Simplex, Boston, Mass.)

**BIDS OPENED**

**BONNEVILLE, Ore.**—Sam Orino, Bonneville, at \$42,763 submitted low bid to the District Engineer, U. S. Engineer Office, Bonneville, under Bid No. 694-38-23, for constructing a permanent lining for Ruckel Slide drainage tunnels near Bonneville.

Work involves:

- (1) 240 c.y. excavation;
- (2) 425 MFMB creosoted timber, in place;
- (3) 376 lf. 30-in. corr. iron outlet pipe, in place;
- (4) 32 lf. 36-in. do;
- (5) 32 MFMB timber backfill in place
- (6) 300 c.y. outlet pipe backfill, in place;
- (7) 45 lf. shaft lining, in place.

Total bids follow:

Sam Orino, Bonneville..... \$42,763.00  
Fathrie-McDougall, Portland 70,854.00  
Parker-Schram Co., " 80,855.00  
Siems-Spokane, Spokane 94,404.00

**33— WATER WORKS****CONTRACT AWARDED**

**SAN MATEO CO., Calif.**—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$27,126, was awarded contract by the San Francisco Public Utilities Commission, Room 287, City Hall, under Spec. No. W.D. 150, for reconstruction of Piarcoets Spillway in San Mateo County. \* 33

**BONO APPROVED**

**RIVERDALE, Fresno Co., Cal.**—A \$900 bond issue was approved at 6 p. m. and operate its water system, which is now owned by Mrs. Susie McGlashen and Mrs. Wm. Hensen, Riverdale by three to one vote to The Hensen well will be abandoned and a 30,000-gal. tank installed at the McGlashen well.

E. L. Julien, President, F. D. Hamilton and E. B. Brown, Directors of the Riverdale Utility District, plan to start bond proceedings immediately.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—E. J. Treacy, 430 Cal Bldg., San Francisco, at \$1,969.00, was awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19045, for the installation of hydrant lines in Francisco street at Van Ness Avenue, and in Folsom St. between 14th and 15th Sts. FWA job. Estimated cost, \$1800.

**BIDS REJECTED**

**PASCO, Franklin Co., Wash.**—Pasco Water Department, D. W. McGhee, City Manager, rejected all bids for the 500,000-gallon water tank (1) 70 ft 8 in. high; (2) 95 ft high. New bids will be called for later.

Chicago Bridge & Iron Works, 116 New Montgomery St., San Francisco, at \$39,685 (Item 1) and \$35,120 (Item 2), submitted the low bid.

**BIDS OPENED**

**SAN JOAQUIN CO., Calif.**—M. A. Jenkins, 3560 J St., Sacramento, at \$23,940 (F-M Co. Pumps), submitted low bid to the Reclamation District No. 551, W. P. Dwyer, Jr., Secretary, at the Office of the District in the Pump-house on Snodgrass Slough, for the construction of a pumping plant to pump drainage water from the district.

The bidder is required to name a unit price per lin. ft. of piling if piling of a greater length than that shown on the plans are required. The amount for pile extension is not to be taken into consideration in determining the low bid.

Total bids follow:

M. A. Jenkins, 3560 J St., Sacramento (F-M Co. Pumps)—\$23,940.

Lord & Bishop, Sacramento—\$24,730.

M. A. Jenkins, Sacramento (B-J Co. Pumps)—\$27,365.

Bundesen & Lauritzen, Pittsburg—\$29,759.

Holdner Constr. Co., Sacramento—\$30,791.

Underground Constr. Co., Berkeley—\$32,898.

Bids held under advisement. \*

**BIDS WANTED**

**BISHOP, Imperial Co., Calif.**—Until Sept. 8, 8:00 p.m., bids will be received by the Board of Trustees of the Bishop Union High School for installation of a water pump, pipes, valves, electric motor, fittings, etc., in accordance with specifications which may be obtained at the office of the principal at 269 N. Fowler St., Bishop. Rowena Vonderheide, Clerk.

**34— PARKS AND PLAY GROUNDS****CONTRACT AWARDED**

**FRESNO COUNTY, Cal.**—Standard Fence Co., 60th and Lowell Streets, Oakland, at \$3,660.55 awarded contract by the Fresno County Board of Supervisors (E. Dusenberry, clerk) for 3,483 lf. of 8-ft. chain link fence at the Fresno County Fairgrounds.

Complete bids follow:

Standard Fence Co., Oakland, \$3,660.55

Wickire Spencer Steel Co. San

Francisco ..... 4,349.00

Anchor Post Fence Co., L. A. .... 4,448.45

Pacific Fence Co., L. A. .... 4,720.00

Kamlan Fence Co., S. F. .... 4,930.00

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.**—Until Aug. 23, 5 p.m., bids will be received by the Bakersfield City Council for cleaning and chemical staining of four tennis courts in Jastro Park. Plans and specifications may be obtained at the office of the city engineer, Joe Holfelder.

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There is no alternative, buildings **MUST** be artificially lighted.

Somebody is going to light the buildings you design, and that lighting can be friend or foe to the effect you wish to produce.

Lighting left to others or added as an afterthought may ruin the most perfect architectural effect, while lighting planned as an integral part of the structure will bring out lines and textures, tones and colors.

Lighting **CAN** be practical as well as aesthetically effective, but the combination doesn't just happen—it requires careful planning.

In planning, you have many things to consider. We are concerned only with the electrical service of which lighting is a part. We will be glad to check or help plan the details to assure the effect you want.

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CONTRACTING CO.**

666 Harrison St., San Francisco  
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## 35— TUNNELS

## BIDS OPENED

LOS ANGELES, Calif.—Carl Hallin, 909 N. Alvarado, Los Angeles, at \$8,550, submitted low bid to Los Angeles Board of Public Works for construction of pedestrian subway across Figueroa Street at Hamlet Street; PWA Proj. 1461, Unit 7-C.

Total bids follow:  
Carl Hallin, 909 N. Alvarado St., Los Angeles, \$8,550.  
Chas. J. Dorfman, \$8,593.  
Contracting Engineers Co., \$10,287

## BIDS OPENED

LOS ANGELES, Calif.—Palmer & Van Dell, 1512 N. 49th Ave., Los Angeles, at \$7,635, submitted low bid to Los Angeles Board of Public Works for construction of pedestrian subway across Figueroa St., 65 ft. north of Poppy Peak Dr.; PWA Proj. 1461, Unit 7-G.

Total bids follow:  
Palmer & Van Dell, 1512 N. 49th Ave., Los Angeles, \$7,635.  
Carl Hallin, \$7,775.  
Chas. J. Dorfman, \$8,307.  
Contracting Engineers Co., \$9,142.

## BIDS OPENED

LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. La Brea, at \$7,519, submitted low bid to Los Angeles Board of Public Works for construction of pedestrian subway across Hoover St. at 52nd St.; PWA Proj. 1461, Unit 7-E.

Total bids follow:  
Chas. J. Dorfman, 124 N. La Brea, Los Angeles, \$7,519.  
Carl Hallin, \$7,625.  
Paul D. Lawrence, \$7,864.  
Schuck Constr. Co., \$8,330.  
Contracting Engrs. Co., \$8,516.  
M. G. Torson Const. Co., \$14,560.

## BIDS OPENED

LOS ANGELES, Cal.—L. W. Odell, 6417 Drexel Ave., at \$6,464 submitted low bid to Los Angeles Board of Public Works for construction of a pedestrian subway across Fairfax Ave. 53 ft. S of 4th St. PWA Project 1461, Unit 7-D.

Total bids follow:  
L. W. Odell, 6417 Drexel Ave., Los Angeles, \$6,464.  
Carl Hallin, \$6,485.  
Chas. J. Dorfman, \$7,022.  
Contracting Engineers Co., \$7,900.

## BIDS OPENED

LOS ANGELES, Cal.—Carl Hallin, 909 N. Alvarado, at \$7,250 submitted low bid to Los Angeles Board of Public Works for construction of a pedestrian subway across Figueroa St. at 11th St. PWA Project 1461; Unit 7-F.

Total bids follow:  
Carl Hallin, 909 N. Alvarado, Los Angeles, \$7,250.  
L. W. Odell, \$7,474.  
Chas. J. Dorfman, \$7,799.  
Schuck Const. Co., \$8,446.  
Paul D. Lawrence, \$8,459.  
Contracting Engineers Co., \$8,894.  
M. G. Torson Const. Co., \$14,780.

## BIDS OPENED

LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. La Brea, at \$8,469, submitted low bid to Los Angeles Board of Public Works for construction of pedestrian subway across Hollywood Blvd. at New Hampshire Ave. PWA Proj. 1461, Unit 7-B.

Total bids follow:  
Chas. J. Dorfman, 124 N. La Brea, \$8,499.

Carl Hallin, \$9,200.  
Contracting Engineers Co., \$10,555.  
Ralph E. Homann Co., \$98,57.

## MONTEREY COUNTY—BRIDGE—(State)

MONTEREY CO., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$310,468, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder bridge across Salinas River at Soledad consisting of 13 104-ft. spans and two 89-ft. spans on concrete piers and abutments on pile foundations.

## Work involves:

- (1) 1 lot clearing;
- (2) 6,650 c.y. struc. excav.;
- (3) 1,694,000 lbs. bar reinf. steel;
- (4) 1.57 c.y. class A portland cement concr. foot blocks;

(A) Lord & Bishop, Native Sons Bldg., Sacramento	\$310,468.00
(B) John Strona & Son, Pomona	320,158.20
(C) John F. Knapp, Oakland	336,424.00
(D) Andy Sordal and R. R. Bishop, Long Beach	349,116.50
(E) D. W. Thurston, Los Angeles	349,653.55
(F) C. W. Caletti & Co., San Rafael	362,791.00
(G) Lindgren & Swinerton, Inc., San Francisco	377,723.10
(H) L. E. Dixon Company, Los Angeles	387,858.30
(I) Bates & Rogers Construction, Oakland	388,423.35

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$500.00	\$500.00	\$300.00	\$1000.00	300.00	5000.00	1600.00	1100.00	500.00
(2)	5.00	3.70	6.00	750.00	7.75	9.50	5.50	4.75	6.75
(3)	.052	.0535	.05	.0485	.055	.06	.051	.057	.054
(4)	15.00	10.00	14.00	12.00	12.25	14.20	12.50	16.00	13.90
(5)	18.00	16.00	20.00	21.00	20.75	20.00	25.00	28.00	23.20
(6)	23.00	29.00	26.00	25.25	24.50	22.50	32.50	25.00	23.70
(7)	50.00	48.00	65.00	50.00	55.00	60.00	60.00	60.00	53.35
(8)	.12	.12	.12	.13	.13	.16	.14	.13	.23
(9)	.30	.22	.25	.25	.17	.30	.23	.24	.32
(10)	.70	.88	.90	.85	.80	.775	.90	1.00	1.08
(11)	.25	.30	.30	.35	.30	.25	.31	.38	.425
(12)	16.00	9.00	12.00	15.00	25.00	17.00	25.00	20.00	11.50
(13)	15.00	10.00	15.00	15.00	750.00	12.00	10.00	15.00	13.00
(14)	1000.00	3600.00	7500.00	1500.00	7500.00	2850.00	4000.00	850.00	900.00

## MADERA COUNTY—SURFACING—(Govt.)

MADERA CO., Calif.—Louis Biasotti & Son, P.O. Box 587, Stockton, at \$23,032.60, submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for 4.288 miles bituminous treated surfacing (Class C) on Section A (portion) of Route 74, North Fork National Forest Highway, Sierra National Forest, Madera Co.

## Work involves:

- (1) 4.288 miles fine grading of sub-grade and shoulders;
- (2) 95 tons cutback asphalt (Type M.C.I.) for prime coat;
- (3) 4.288 miles C-1 road mix surfacing laid;
- (4) 300 tons cutback asphalt (Type M.C. 2 or M.C. 3) for Class C

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$250.00	\$250.00	\$600.00	\$630.00	\$400.00	\$585.00
(2)	23.00	25.00	25.20	26.50	25.00	27.00
(3)	700.00	700.00	500.00	665.00	900.00	925.00
(4)	21.00	23.00	23.65	23.30	24.00	25.00
(5)	24.00	25.00	30.00	26.50	30.00	25.00
(6)	2.50	3.00	2.00	3.25	3.00	4.00
(7)	75	80	84	84	90	85

## Unit prices follow:

(5) 25 tons cutback asphalt (Type R.C. 1) for Class C seal;	\$28,414.88
(6) 50 M. gal. water; water;	
(7) 13,000 c.y. Class C new aggregate, disintegrated granite.	
Total bids follow:	
(A) Louis Biasotti & Son, P. O. Box 587, Stockton—\$23,032.60	
(B) George French, Jr., Stockton—\$24,623.60	
(C) Tieslau Bros., Inc., Berkeley—\$25,975.80	
(D) A. R. Maestretti, Stockton—\$26,727.76	
(E) J. A. Casson, Hayward—\$27,749.40	
(F) Piazza & Huntley, San Jose—\$28,414.88	

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

August 31, 2 P. M.

BID NO. 5112—100 dozen sable brushes; f.o.b. Government Island.

September 10, 2 P. M.

BID NO. 5118—3000 lbs. jute twine; f.o.b. Government Island.

## WAR DEPARTMENT

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

August 31, 3 P. M.

BID NO. 1105-38-49—Brass elbows, unions, gate valves, pipe, bushings, etc.; f.o.b. Rio Vista.

September 1, 3 P. M.

BID NO. 1105-38-51—1000 lbs. steel welding rod; f.o.b. Rio Vista.

## LOS ANGELES CITY

LOS ANGELES.—Until Sept. 2, 2 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for triple braid weatherproof insulated copper wire:

(a) 10,000 lbs. No. 8 AWG;

(b) 15,000 lbs. No. 2 AWG;

(c) 20,000 lbs. No. 1/0 AWG;

(d) 65,000 lbs. No. 6 AWG;

(e) 80,000 lbs. No. 4 AWG;

F.o.b. 1630 N. Main St., Los Angeles. Spec. 2401

LOS ANGELES.—Until Aug. 31, 2 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for galvanized steel conduit, 5-in. to 6-in. couplings and elbows for 3 months. Spec. 2396.

LOS ANGELES.—Until Sept. 2, 2 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for 7 strand bare copper wire, arc drawn:

(1) 34,000 lbs. No. 1/0 AWG;

(2) 6,000 lbs. 3/0 AWG.

Spec. 2397

## WAR DEPARTMENT

SACRAMENTO, Calif.—Until Sept. 1, P. M., bids will be received by the U. S. Engineer's Office, Room 208, P. O. Bldg., Sacramento, under Bid No. 105-38-50, for furnishing hammers, wrenches, screw drivers, sliding offsets, etc.; f.o.b. Rio Vista.

Specifications obtainable from the above office.

FORT MASON, Calif.—Until Sept. 7, 9 A. M., bids will be received by the Purchasing and Contracting Office, Major D. Grove, Q. M. Corps, Fort Mason, under Bid No. 928-38-6 for furnishing shackle cable, crank prings, floor mats, throttle wire, cable assembly, etc.; f.o.b. Presidio of San Francisco.

Specifications obtainable from the above office.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

SCH. 1450—1,616 lbs. nickel copper alloy sheets, for Mare Island, Sept. 3.

SCH. 1430—Water pipe, pipe fittings and valves, for Boston or Los Angeles, August 31.

SCH. 1445—Concrete reinforcement steel bars, for Los Angeles, September 3.

SCH. 1447—Foam generator type fire extinguishers, for eastern and western yards, Sept. 7.

SCH. 1457—Two motor-driven pumping units, for eastern or western yards, Sept. 7.

SCH. 1456—Four fire extinguishers, cart type and two CO<sub>2</sub> cylinders, for San Diego, Sept. 7.

SCH. 1458—52 aluminum or corrosion resisting steel steam jacketed kettles, 30 gals. capacity, and 7 do., for eastern and western yards, Sept. 7.

SCH. 1475—Pipe-threading machine and one set of chasers, for eastern and western yards, Sept. 7.

SCH. 1474—2 industrial engine-driven gasoline tractors, for San Diego, Sept. 7.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials as follows:

AUGUST 30, 2 P. M.:

BID NO. 5120: 30 foresters and geologists compasses; fob Government Island;

BID NO. 5123: 2,000 ft. cable, 16 pair, rubber insulated; fob Government Island;

BID NO. 5121: 3000 splicing sleeves, single tube, of various sizes; fob Government Island;

BID NO. 5120: crossarm bolts, clamps screws, etc.; fob Government Island;

BID NO. 5127: manila rope of various sizes; fob Government Island.

BID NO. 5128: 300 ft. leath link belting; fob Government Island;

BID NO. 5129: 2,000 dozen gasoline lantern mantels; fob Government Island.

SEPT. 9, 2 P. M.:

BID NO. 5125: 1200 board clips; fob Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND.—Until August 31, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 5122—Electric equipment; f.o.b. Government Island.

BID NO. 5133—25 dozen shovel handles; fob Government Island.

BID NO. 5136—1200 split redwood fence posts; fob Willows, Calif.

BID NO. 5137—Barbed cattle wire and staples; fob Willows, Calif.

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*S. F. Permit Total Reaches \$2,036,000*

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., SEPTEMBER 4, 1937

No. 33

## STATE INVITES PROPOSALS FOR SIX CONTRACTS

**Bids Sept. 22-23 on Grading, Bridge Repairs, Construction of Maintenance Station**

SACRAMENTO, Aug. 31.—Six contracts for work on California state highways, five in Northern and one in Southern California, were authorized for advertising today by the State Highway Commission. Grading, surfacing, bridge repairs and work on bridge approaches, and construction of a Division of Highways maintenance station will be figured by contractors, with proposals scheduled for opening September 22 and 23.

Bids on five contracts for work in as many counties will be opened in Sacramento September 22. These projects are located as follows:

**Lassen County:** Grading and surfacing with crusher run base and plant-mixed surfacing about 7.1 miles between Coppervale and Susan river.

**Butte County:** Repairing a bridge across the Feather river one mile west of Oroville and grading and paving about a tenth of a mile of roadway.

### Repairing Bridges

**Marin County**—Repairing two bridges about four miles north of Sausalito, one across the Richardson Bay track of the Northwestern Pacific railway and the other across Northwestern Pacific tracks near Alto.

**Plumas County:** Grading about eight-tenths of a mile of approaches to the Spanish Creek bridge near Quincy.

**Sacramento County:** Construction of a maintenance station building and appurtenances on Folsom boulevard between 64th and 65th streets in Sacramento.

On September 23 bids will be received at the Los Angeles office of the State Highway Engineer for grading and paving about 1.6 miles between Walnut Canyon and Trancas Beach in Los Angeles county.

## A.G.C. Hails Start of New PWA Program; Stimulus to Public, Private Work Seen

Allotment of nearly one-third of the \$359,000,000 fund authorized by the recent Congress for loans and grants by the Public Works Administration for construction of "moral obligation" projects was hailed this week by the Associated General Contractors of America as a signal benefit to the construction industry.

"Published reports of the prosperity of the construction industry

fail to tell the whole story," E. J. Harding, Managing Director of the Association, stated. "While construction volume is greater this year as compared with the volumes of the past three or four years, it is still far below the average volume of the five years preceding the depression, that is, from 1925 to 1929. According to studies which our association has made, the volume of construction in 1936 amounted to only 59 per cent of the average of those pre-depression years."

### Program Important

The great importance of the continuation of the PWA program was recognized early in the year by the Associated General Contractors, which found from its analysis of the statistics of the industry that in normal times public construction constituted 31 per cent of the total volume of construction.

Financing of public construction during normal times was mostly done by local governments, state, county and municipal, the association points out in its analysis of the financial condition of these local governmental units, showing that it was practically impossible for them to finance anything like the amount of construction which they were formerly able to do. The debts which they were obliged to incur during the past five years have so burdened them that instead of being able to devote the proceeds of new capital which they would receive from bond issues and loans to construction, they would be obliged to expend the greater part of such funds to interest on the bonded refundings.

The study made by the contractors' association showed that while, in the pre-depression period, local governments could have for new construction about every \$10,000,000 of total financing \$9,700,000 for new construction, at the present

### MATERIAL PRICE AVERAGE DROPS

The wholesale price average for building materials dropped three-tenths of one per cent during the week ended August 21, according to the weekly survey of the U. S. Bureau of Labor Statistics. The bureau reported the slight decline due chiefly to weakening prices for certain paint materials and gravel. The index for the group as a whole stood at 96.4 per cent of the 1926 average.

During the week, according to the bureau survey, quotations on yellow pine lath and flooring, chinawood oil, rosin and turpentine were higher.

time only \$3,900,000 would be available out of every \$10,000,000.

"Because of these facts, the Associated General Contractors determined that a continuation of the policy of federal aid through PWA was absolutely essential if the construction industry was to maintain its present volume," Harding said. "The association presented these facts to Congress which acted in the passage of the relief act, to make available additional funds for the construction of useful public works by the states and municipalities under the PWA Loan and Grant Plan.

"The early allotment of the funds made available by the relief act, for construction of dummy while the help for volume in the field of private construction will have an opportunity to build up until it will again approximate the level attained in the pre-depression period," Harding stated.

## \$2,036,000 S. F. PERMIT TOTAL DURING AUGUST

Figure Below Record July Total; Frame Permits Far Under 1936

Five hundred and twenty-five building permits were issued during August by the San Francisco Central Permit Bureau of construction estimated to cost \$2,036,872, as compared to 608 permits issued in August, 1936 for work costing \$1,699,327, Chief Clerk S. J. Rosenblum reported yesterday.

Gains were registered in the Class B construction, Alteration and Public Building classifications with drops shown in the Frame Building and Class C construction departments.

Eighty-seven permits were issued for frame construction costing \$451,683 during August. This total was slightly lower than the July figure of \$495,545, and far below the August, 1936 total of \$803,445.

### Total Under July

The August total of \$2,036,872 for all types of construction was substantially lower than the July figure of \$3,382,962 which set a record for 1937. Last month the building permit total was aided by the issuance of a permit for construction of the \$2,283,377 San Francisco-Oakland Bay Bridge Terminal Building.

Contributing heavily to the August permit figure was a permit for construction of the \$435,389 Richmond-Sunset Sewage Disposal Plant to be erected in the southwest corner of Golden Gate Park. Largest permit for private construction was issued to the Schmidt Lithograph Company for a \$175,000 plant addition.

During the first eight months of 1937, 5480 permits were issued for construction estimated to cost \$16,372,615. This total was substantially higher than the \$12,393,732 figure for which 4875 permits were issued in the first eight months of 1936.

### Figures Classified

Following is a classification of permit figures for August, 1937, and August, 1936:

Class.	Aug., 1937		Aug., 1936	
	No.	Est. Cost	No.	Est. Cost
A	1	\$ 60,000	1	5,000
B	1	175,000	1	5,000
C	10	99,225	17	256,799
Frame	87	451,683	174	802,445
Alter	123	364,335	407	353,045
Harbor	1	50,000	3	131,541
Public	3	896,629	4	75,003
East B. E.			1	14,633
<b>Total</b>	<b>525</b>	<b>\$2,036,872</b>	<b>608</b>	<b>\$1,699,327</b>

1937 (8 Mos.)		1936 (8 Mos.)	
No.	Est. Cost	No.	Est. Cost
5480	\$16,372,615	4875	\$12,393,732

## SCHADER BIDS ISLAND TRACK

A. D. Schader, 144 Spear St., San Francisco, yesterday submitted the low bid to the San Francisco Bay Exposition Co. for construction of a yard railroad track system on Yerba Buena shoals, site of the 1939 Golden Gate International Exposition. Schader's bid was 20,665 on the main proposition, and \$26,555 on the alternate proposal, exposition officials said.

The main proposition calls for constructing about 8,055 ft. of track, and the alternate provides for an additional 3,032 ft. of track. As in other recent exposition bid-openings, only the low bid was made public.

## Institute Will Hold Conclave Next Month

The American Institute of Steel Construction will hold its Fifteenth Annual Convention at the Greenbrier Hotel, White Sulphur Springs West Virginia, the last week in October. General business sessions will be held in the mornings on Tuesday, Wednesday, Thursday and Friday, October 26 to 29, inclusive. This will leave the afternoons free for special forums, conferences and group meetings, an arrangement which has been made for the first time at this year's convention. It was felt by the Board of Directors of the Institute that a program of this kind would permit of more thorough study of the problems of the industry and give an opportunity for more business to be transacted.

The President's reception to members and guests will be held Tuesday evening. A bridge tournament for ladies and gentlemen will be held on Wednesday evening. The annual banquet will be held on Thursday evening, and the get-together dinner on Friday evening.

The convention will be preceded by a meeting of the Board of Directors on Monday evening, and followed by a meeting of the Board for the election of new officers.

## WESTINGHOUSE LISTS LIGHT A. C. WELDER

The Midget Marvel A-C Welder, designed to meet the need for a low cost a-c welder for use in maintenance and repair as well as light construction work, is announced by the Westinghouse Elec. & Mfg. Co.

The welder comprises a transformer and control which is especially designed for alternating current welding. The new set has an operating efficiency of 87 per cent at normal loads, it is claimed.

## S. F. TERMINAL EXCAVATION IS 80% COMPLETED

Purcell Reports Rapid Progress  
On All Sections of Span  
Railway

Eighty per cent completion of the excavation for the Terminal Building of the San Francisco-Oakland Bay Bridge Interurban Railway was announced yesterday by Chief Engineer C. H. Purcell in a progress report filed with Director of Public Works Earl Lee Kelly. The work is under way in the block bounded by Mission, Howard, Fremont, and First streets in San Francisco. Simultaneously with the excavation at this site, pile driving is in operation with two pile driving rigs continuously at work.

Concrete foundations for the Terminal Building proper are expected to be started late this week. Meanwhile, excavation was started last week in the block west of First street, while demolition of the remaining structures continued in the block east of Fremont street by the contractors, MacDonald and Kahn.

Contract for more than \$600,000 was awarded last week to Eaton & Smith for construction of the San Francisco Viaducts, which will carry trains from the bridge proper to the terminal. The contractors are placing material orders and are assembling their construction plant in preparation for immediate work.

### Eastbay Contracts

The easterly approach to the bridge is likewise bustling with activity, with work under way on the Interurban Electric (S.P.) 26th street overhead, the Port of Oakland highway overhead, the interurban electric (S.P.) overhead and catenary bridges at the yards.

The forty units of concrete piers required for the Port of Oakland highway overhead, east of the Toll Plaza, have been completed by the contractors, Bates & Rogers, and are ready for the superstructure. Foundation piles for all of the 26 piers required for the interurban electric (S.P.) overhead in the yard, opposite the Toll Plaza, have been driven, while pile driving for all the masonry piers in the 26th street overhead, west of the Southern Pacific main line tracks, has also been completed. Foundations for eight of these piers have been completed, with ten more yet to be finished.

The Bridge Railway is expected to be in operation by Nov. 1, 1938.

New orders for steel boilers totaled 5,091 during the first six months of 1937, compared with orders amounting to 4,389 taken during the same period in the preceding year, the Bureau of Census reports.

# STATE SECURITY FORM PROCEDURE IS SIMPLIFIED

## Commission Adopts New Form For Reporting Monthly Contributions

SACRAMENTO, Calif. Aug. 30. —New and simplified procedure in reporting monthly contributions to the Unemployment Trust Fund was adopted today by the California Unemployment Reserves Commission.

The Commission, announcing it was acting to save employers of California thousands of dollars monthly, revoked its reporting form known as CURC 3, which called for as high as 114 separate figures, and substituted one calling for only fifteen.

First of the new forms will be mailed to more than 20,000 employers before October 1. The old CURC 3 will be used only one more month, for reporting August contributions.

Two principles caused the action, according to Jas. L. Matthews, chairman of the Commission. The first, he said, was the desire of Governor Frank F. Merriam to cause as little trouble as possible to California employers in making reports to the fund. The Governor expressed the principle last July when he signed a group of bills sponsored by the Department revising the Unemployment Reserves Act.

### Standardized Forms

The second principle, Matthews said, was the desire of the commission to be in line with requests of the Social Security Board which is advocating standardized forms. This request was received, the chairman said, some time after officers of the Commission began work on the simplification of the form.

"The new form," Matthews said, "will save employers of the state thousands of dollars in computing the amount of their contributions to the Unemployment Trust Fund."

"With all the various taxes the employer must pay, and the state and federal contributions he must make, it is not the policy of the Commission to burden him further with an extensive report to the fund. Our initial form was instituted during the pioneer period of this new legislation.

### Employee Protected

"Under the new form, the employee, who if unemployed and eligible after January 1, 1938, will receive benefits, is wholly protected. There are 1,300,000 contributing employees in California.

"Previous to July 1 of this year, employers were required to make quarterly reports only, and with the computations coming every 3 months, could well give the Commission the information on CURC 3.

"But when the Commission followed a request of the Social Se-

# Concrete Placing Completed in Two District Tunnels

Placing of concrete lining has been completed in two San Rafael tunnels Nos. 1 and 2 located on the distributing system of the Metropolitan Aqueduct, according to General Manager F. E. Weymouth of the Metropolitan Water District.

With the completion of the lining in these tunnels, progress summaries indicate that more than 104 miles of aqueduct tunnels have been excavated and 95 miles of these have been lined with concrete and completed. The entire aqueduct project is 65 per cent completed at the present time.

Known unofficially as the Trinity tunnels because they are located in the cities of Pasadena, Los Angeles and Glendale, the two bores just completed have a combined length of 9,716 feet and constitute the most westerly work now under construction on the 392 mile aqueduct system. Excavation work on these tunnels was started in October, 1935.

The San Rafael tunnels from an important junction point in the distributing system of the Metropolitan Aqueduct. Pipe lines to be constructed west of the tunnels will carry water to the cities of Glendale, Burbank, Beverly Hills and Santa Monica. Diverted south from a point in Eagle Rock Canyon, between the two tunnels, aqueduct water will be carried through another line to the cities of Los Angeles, Compton, Torrance and Long Beach.

Bids are to be opened September 1 for the construction of the first 18 miles of the later line, which will serve as the western cross-feeder to the distributing system. Work on this feature will probably be started within the next 30 days.

Stretching clear across the state, the aqueduct will carry a billion gallons of Colorado River water a day to the thirteen Southern California cities that comprise the Metropolitan Water District. Progress records indicate that the system will be put into operation in 1939.

## LABORATORIES' PLANT ADDITION IS STARTED

Work has begun on an addition to the principal office and testing station of Underwriters' Laboratories, Inc., at 207 E. Ohio street, Chicago. The plans call for a 4th and 5th floor facing Ohio street, centrally spaced with a 160-foot frontage, providing about 10,000 square feet additional floor space. Another electric elevator is to be installed in a shaft if the present near the east end of the present structure.

The board and adopted a rule requiring monthly contributions, it decided that a simplified form was necessary if the burden on employers was to be lessened."

# OPEN PROPOSALS FOR MENDOCINO, HUMBOLDT JOBS

## N. M. Ball Sons & E. E. Smith, Harold Smith Low Bidders On State Contracts

(Special to Daily Pacific Builder)  
SACRAMENTO, Sept. 1. — Bids aggregating \$69,833 for construction of a reinforced concrete bridge in Mendocino County and repairs to an existing bridge in Humboldt county, were opened today by the State Division of Highways.

N. M. Ball Sons and E. E. Smith, bidding jointly, submitted the low proposal of \$38,969 to the State Division of Highways for repairs to the existing timber bridge across Big Lagoon about ten miles north of Trinidad in Humboldt county.

Other bidders were: F. Kaus, \$39,699.78; M. A. Jenkins, \$43,327.50; W. K. Van Bokkelen Construction Co., \$43,595; F. J. Maurer, \$41,092; John Boeca and Co., \$48,224; Moore-Fraser Co., \$49,902.50, and Alfred H. Vogt Co., \$52,697.50.

Principal items in the contract were: 178,000 pounds of reinforcing steel and 1,635 cubic yards of Class A Portland cement concrete.

Harold Smith, St. Helena, at \$30,864, submitted the low bid for construction of a reinforced concrete bridge at Dry Creek between McDonald and Yorkville in Mendocino county.

Approximately 1.2 miles of approach road were involved in the contract. The roadbed is to be graded and penetration oil treatment applied.

Other bidders were: Claude C. Wood, \$31,520.50; Rock & Gravel Trucking Co., \$32,936; Guerin Bros. \$33,004; N. M. Ball Sons, \$36,612.30; John Roca and Co., \$37,007; W. K. Van Bokkelen Const. Co., \$39,450; Charles L. Harney, \$43,960.30, and Peter J. McHugh, \$45,213.50.

The work involves the following principal items: 12,200 cubic yards of unclassified excavation; 36 tons of liquid asphalt; 43,800 pounds of reinforcing steel; 223 cubic yards Portland cement concrete, and 490 lineal feet CMP.

## BOOKLET ON WOOD INTERIORS ISSUED

The National Lumber Manufacturers' Association, 1337 Connecticut avenue, Washington, D. C., announces publication of a new booklet, "New Interior Ideas in Wood."

The 21-page booklet is fully illustrated. Subjects include: the fireplace alcove; living room corner; dining room corner; paneled living room; the small den; kitchen cupboards and the recreation room.

Other booklets in the series are: "The Soft Warm Beauty of Paneling", "Mellow Wood Interiors", and "Wood Walls". All may be obtained from the Association at the price of ten cents each.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
720	Ambrose	Blincoe	4000
721	Diefendorf	Owner	3500
722	Ferrari	Nat Roof	1150
723	Gilmore	Kelly	2000
724	Grace	Owner	3500
725	Higgin	Magnus	3000
726	Trask	Kelly	1500
727	United Artists	QRS	7500
728	Almie	Owner	4000
729	Cochrell	Owner	1000
730	Piombo	Owner	3000
731	Ran	Owner	1000
732-3	Rousseau	Owner	4000
734	Soc. Calif.	Martin	17000
735	Weinstein	Beale	1000
736	Majestic	QRS	1200
737	Nelson	Owner	9000
738	Schlegel	Ragnal	1000
739	So. Pac.	Owner	2300
740	Banky	Owner	2000
741	Hawkey	Owner	4000
742	YMCA	Wagner	4000
743	Bothin	Siegrist	8700
744	Dolly	Morris	4500
745	Johnson	Owner	4000
746	Mtn. View	Owner	4000
747	Polverini	Owner	1500
748	Walkup	Newman	5000
749	O'Day	Owner	4000
750	Ryan	Owner	1000
751	Vigen	Vigen	5000
752-3	Wolter	Owner	5000

### DWELLING

(720) N BELGRAVE 150 E Shrader.  
Two - story and basement frame dwelling.

Owner—Tom Ambrose, c/o contractor  
Contractor—C. O. Blincoe, 2663 15th  
Avenue  
Architect—Not Given. \$4,000

### FLATS

(721) SW ROOSEVELT WAY AND  
Clifford Terrace. Two-story and  
basement frame flats.

Owner and Builder—Fred Diefendorf,  
112 Arguello Blvd.  
Engineer—C. F. Wieland, Berkeley.  
\$8,400

### ALTERATIONS

(722) 132 TEDDY AVE. Alter dwelling.

Owner—Louis Ferrari, 59 Rosemont  
Place.  
Contractor—National Roofing & Siding  
Co., 2172 Market St.  
Architect—Not Given. \$1150

### ALTERATIONS

(723) SE FOLSOM and Sixth St.  
Alter gasoline station.

Owner—Gilmore Oil Co., 3rd and 18th  
Street.  
Contractor—Robt P. Kelly, 1434 Lawton  
Street.  
Architect—Not Given. \$2,000

### DWELLING

(724) E RHODE ISLAND 200 S 22nd  
St. One-story & basement frame  
dwelling.

Owner and Builder—T. T. Grace, 44  
Prosper Street.  
Architect—G. A. Berger, 309 Valencit  
Street. \$3,500

### DWELLING

(725) W 14th AVE 375 N Santiago.  
One - story and basement frame  
dwelling.

Owner—Edna Higgin, 62 Monterey  
Boulevard.  
Contractor—Magnus & Redenbaugh,  
283 4th Ave.  
Architect—Not Given. \$3,000

### ALTERATIONS

(726) 1448 19th AVE. Alter dwelling.  
Owner—Jessie M. Trask, premises.  
Contractor—Robt P. Kelly, 1434 Lawton  
Street.  
Architect—Not Given. \$1,500

### MARQUEE

(727) 1077 MARKET ST. Marquee.  
Owner—United Artists Theatre, 1077  
Market St.

Contractor—QRS Neon Corp., Ltd.,  
699 Potrero Avenue.  
Architect—Not Given. \$7,500

### DWELLING

(728) E. 18TH AVE., 225 N NO-  
RIEGA One-story and base-  
ment frame dwelling.

Owner—Oliver Almie, 1445 24th Ave.  
Architect—Not Given. \$4500

### ALTERATIONS

(729) 1785 FULTON ST. Alter mar-  
ket.

Owner—L. Cochrell, Prem.  
Architect—Not Given. \$1000

### STORAGE YARD

(730) S TURK, 106 W STEINER  
ST. Reinforced concrete storage  
yard.

Owner—Piombo Bros., 1571 Turk St.  
Architect—Not Given. \$3000

### ALTERATIONS

(731) 49-54 ZOE ST. Alter ware-  
house.

Owner—Samuel Ran, 234 Fifth St.  
Architect—Not Given. \$1000

### DWELLING

(732) S TURK ST., 100 E KITT-  
REDGE. One-story and base-  
ment frame dwelling.

Owner—Oliver M. Rousseau, 221  
Kearny St.  
Architect—Not Given. \$4000

### DWELLING

(733) S TURK ST., 75 E KITT-  
REDGE. One-story and base-  
ment frame dwelling.

Owner—Oliver M. Rousseau, 321  
Kearny St.  
Architect—Not Given. \$4000

### ALTERATIONS

(734) 165 McALLISTER ST. Alter  
Club.

Owner—Society of Calif. Pioneers,  
Prem.  
Contractor—Wm Martin, 666 Mission  
St.  
Architect—John N. Ahnden, 822 29th  
Ave. \$17,000

### ALTERATIONS

(735) 101 MARKET ST. Alter store.

Owner—Weinstein Co., 100 Market  
St.  
Contractor—Beale Store Equip. Co.,  
2515 16th St.  
Architect—Not Given. \$1000

### ALTERATIONS

(736) 2465 MISSION ST. Alter mar-  
quee.

Owner—Majestic Theatre, Prem.  
Contractor—QRS Neon Corp., Ltd.,  
699 Potrero Ave.  
Architect—Not Given. \$1200

### ALTERATIONS

(737) NW CLAYTON AND IRON  
ALLEY. Concretory and basement  
frame dwelling.

Owner—Fernando Nelson & Sons,  
2001 19th Ave.  
Architect—Not Given. \$6000

### ALTERATIONS

(738) 1051 20th ST. Alter dwelling.

Owner—F. Schlegel, 56 Alp Ave.

Contractor—Joseph Ragni, 134 Acton  
St.  
Architect—Not Given. \$1000

### ALTERATIONS

(739) 65 MARKET ST. Alter office  
building.

Owner—Southern Pacific Co., Prem.  
Architect—J. H. Christie, 65 Market  
St. \$2300

### DWELLING

(740) NE WISCONSIN AND 23rd St.  
One - story and basement frame  
dwelling.

Owner and Builder—Clara Bankey,  
999 Wisconsin St.  
Architect—Not Given. \$2,000

### DWELLING

(741) N ALEMANY BLVD. 69 West  
Bright. Two-story frame dwell-  
ing.

Owner and Builder—E. E. Hawkey,  
1357 San Bruno Ave.  
Architect—Not Given. \$4,000

### ALTERATIONS

(742) 220 GOLDEN GATE Avenue.  
Alter club building.

Owner—Y. M. C. A., premises.  
Contractor—Geo. Wagner, 181 South  
Park.  
Architect—Not Given. \$8,000

### ALTERATIONS

(743) 546 HOWARD ST. Alter  
warehouse.

Owner—Bothin Real Estate Co., 604  
Mission St.  
Contractor—F. R. Siegrist, 604 Mis-  
sion St.

Architect—Geo. Travis, 604 Mis-  
sion St.  
Engineer—Norman Green, Sharon  
Blgd. \$8700

### DWELLING

(744) E. 15TH AVE., 25 N WAWO-  
NA. One-story and basement  
frame dwelling.

Owner—John P. Dolly, 550 Taraval  
St.  
Contractor—Gordon Morris, 95 Pine-  
hurst Way.  
Architect—Not Given. \$4500

### DWELLING

(745) SW COR. 17TH AVE. AND  
VICENTE ST. One-story and  
basement frame dwelling.

Owner—S. F. Johnson, 600 Wawona.  
Architect—Not Given. \$4000

### ALTERATIONS

(746) 187 SECOND ST. Alter stores  
and lofts.

Owner—Mountain View Cemetery  
Assn., Ter. Piedmont Ave., Oak-  
land.  
Contractor—Not Selected.  
Architect—W. P. Day, 405 Montgom-  
ery St. \$4000

### ALTERATIONS

(747) 1320-1330 VAN NESS AVE.  
SO. Alter flats.

Owner—Jos. Polverini, 428 Francisco  
St.  
Architect—Not Given. \$1500

### ALTERATIONS

(748) 240 SECOND ST. Alter ware-  
house.

Owner—Walkup Drayage Warehouse,  
Prem.  
Contractor—Cliff C Newman, 507  
Brannan St.  
Architect—Not Given. \$5000

### ALTERATIONS

(749) 1075 MARKET ST. Alter store.

Owner—Made O'Day, 39 Stockton St.  
Architect—Not Given. \$4000



**BATTERY STATION**  
(750) NW 16TH ST. AND VAN NESS AVE. SO. One-story steel battery station.  
Owner—James Ryan, Prem.  
Architect—Not Given. \$1000

**DWELLING**  
(751) N. KIRKHAM, 100 W. 23RD AVE. One-story and basement frame dwelling.  
Owner—Andrew Vigen, 1346 40th Ave.  
Contractor—Elias Vigen, 1346 40th Ave.  
Architect—D. E. Jaekle, 126 Post St. \$5000

**DWELLING**  
(752) SE MAYWOOD AND RAVENWOOD DRIVE. One-story and basement frame dwelling.  
Owner—Paul A. Wolter, Jr., 90 Ravenwood Drive.  
Architect—Earl MacDonald, 110 Sutter St. \$5000

**DWELLING**  
(753) W. MAYWOOD, 200 S. YERBA BUENA. One-story and basement frame dwelling.  
Owner—Paul A. Wolter, Jr., 90 Ravenwood Drive.  
Architect—Earl MacDonald, 110 Sutter St. \$5000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt
444	Browning	Owner	1200
445	Jacobs	McCoy	6500
446	Pressler	Owner	4500
447	Stearman	Owner	2000
448	Van Ness	Van Ness	2900
449	Leekins	Owner	3000
450	Leekins	Owner	3000
451	Pond	Pond	3200
452	Ponsi	Lloyd	4000
453	Scherman	Spivock	4000
454	Stewart	Caskey	5000
455	Glickman	Caskey	2000
456	Heinrich	Owner	1000
457	Laikan	Owner	3000
458	Alonzo	Taten	1200
459	Bernard	Owner	2250
460	Bruning	Anderson	3000
461	Heinrich	Jensen	1000
462	Heinrich	Jensen	2000
463	Hearty	Jensen	2500
464	Lervick	Hughes	4000
465	Mendoza	Owner	2500
466	Sherman	Lynn	5750
467	Sundberg	Jensen	2000
468	Davison	Johnson	5000
469	Omega	Pfarr	2250
470	Baker	McClure	1200
471	Fey	Owner	1000
472	Kaelig	Knudsen	1000
473	Kay	Kulchar	4000
474	Knox	Owner	1500
475	Lurie	Hermann	3000
476	Besley	Owner	1200
477	Scamnell	Owner	3200
478	Toffelmier	Kimball	3000

**STORAGE BLDG.**  
(444) 2326 FIFTH ST., BERKELEY. One-story 1-room storage bldg.  
Owner and Builder—J. Browning Co., Inc., 2326 5th St., Berkeley.  
Architect—Not Given. \$1200

**DWELLING**  
(445) 474 VERMONT AVE., BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—Ruth Jacobs, 2211 Channing Way, Berkeley.  
Contractor—William McCoy, Sr., 2124 Acton St., Berkeley.  
Architect—Not Given. \$6,500

**DWELLING**  
(446) 3107 HYDE ST., OAKLAND. One-story 6-room dwelling.  
Owner and Builder—Walter Pressler, 1419 Excelsior Ave., Oakland  
Architect—Not Given. \$4,500

**ADDITION**  
(447) 9929 PEARMAIN ST., OAKLAND. Wholesale addition.  
Owner and Builder—Elmer Stearman, 9367 Granada.  
Architect—Not Given. \$2,000

**DWELLING**  
(448) 7126 SUNKIST DRIVE, OAKLAND. One-story 5-room dwelling.  
Owner—Elvin Van Ness, 4920 Park Blvd., Oakland.  
Contractor—L. E. Van Ness & Son, 4920 Parke Blvd., Oakland.  
Architect—Not Given. \$2,900  
Also garage, \$200.

**DWELLING**  
(449) 3963 COOLIDGE AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. W. Leekins, 6054 La Salle Ave.  
Architect—Not Given. \$3000

**DWELLING**  
(450) 3969 COOLIDGE AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. W. Leekins, 6054 La Salle Ave.  
1-story frame garage, \$250.  
Architect—Not Given. \$3000

**DWELLING**  
(451) 3560 66TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. K. Pond, 1056 Ardmore Ave.  
Contractor—C. P. Pond, 1056 Ardmore Ave.  
1-story frame garage, \$200.  
Architect—Not Given. \$3200

**DWELLING**  
(452) 5204 HARMON AVE., OAKLAND. One-story 6-room dwelling.  
Owner—Elizabeth Ponsi, Prem.  
Contractor—J. A. Lloyd, 4017 E. 15th St.  
Architect—Not Given. \$4000

**DWELLING**  
(453) 1526 26TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Sol Scherman, 1526 26th Ave.  
Contractor—W. Spivock, 544 Golden Gate Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(454) 5600 CABOT DR., OAKLAND. One-story 5-room dwelling.  
Owner—R. W. Stewart, 306 Lee St.  
Contractor—H. T. Caskey, 4215 Carson St.  
Architect—F. H. Slocombe, 0127 Piedmont Ave. \$5000

**ALTERATIONS**  
(455) 15 HARDWICK AVE., PIEDMONT. Alterations.  
Owner—A. W. Glickman, 733 Arima St., Oakland.  
Contractor—H. T. Caskey, 4215 Carson St., Oakland.  
Architect—Not Given. \$2000

**ALTERATIONS**  
(456) 4828 PARK BLVD., OAKLAND. Alterations.  
Owner & Builder—Eas. R. Vaughn, 2760 Bonhomme.  
Architect—Not Given. \$1000

**DWELLING**  
(457) 921 BELVEDERE BERKELEY. One-story 5-room frame dwelling.  
Owner and Builder—William Laikan, Fresno.  
Architect—Not Given. \$3,000

**REPAIRS**  
(458) 261 McADAM, OAKLAND. Repairs and alterations.  
Owner—A. Alonzo, 261 McAdam St.

Contractor—F. G. Taten, 5237 Miles Ave., Oakland.  
Architect—Not Given. \$1,200

**DWELLING**  
(459) 2115 107th AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—R. B. Bernard, 725 Warfield, Oakland.  
Architect—Not Given. \$2,350

**ADDITION**  
(460) 2124 HOPKINS ST., OAKLAND. Addition to store.  
Owner—H. F. Bruning, 2124 Hopkins St., Oakland.  
Contractor—A. Frederic Anderson, 1093 Longridge Road, Oakland.  
Architect—Miller & Warnecke, Financial Center Bldg., Oakland. \$3,900

**GARAGE**  
(461) 992 SUNNYHILLS RD., OAKLAND. One-story frame garage.  
Owner—H. H. Heinrich.  
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.  
Architect—Kent & Hass, San Francisco. \$1,000

**ALTERATIONS**  
(462) 992 SUNNYHILLS RD., OAKLAND. Alterations.  
Owner—H. H. Heinrich.  
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.  
Architect—Kent & Hass, San Francisco. \$2,900

**DWELLING**  
(463) 149 CAPRICORN, OAKLAND. One-story 4-room dwelling.  
Owner—Phil Heraty, 488 Fairbanks Ave., Oakland.  
Contractor—Harry K. Jensen, 2757 Rawson St., Oakland.  
Architect—Not Given. \$2,500

**DWELLING**  
(464) 1943-5 69th AVE., 2062 Church St., OAKLAND. One-story nine-room dwelling.  
Owner—Margaret L. Lervik, 1239 60th Ave., Oakland.  
Contractor—Hughes & Lervick, 1239 60th Ave., Oakland.  
Architect—Not Given. \$1,000

**DWELLING**  
(465) 7800 HILLMONT AVE., OAKLAND. One-story 4-room dwelling.  
Owner and Builder—M. A. Mendoza, 6836 Flora St., Oakland.  
Architect—Not Given. \$2,500

**DWELLING**  
(459) 2131 LEIMERT BLVD., OAKLAND. One-story 5-room dwelling.  
Owner—Clay Sherman, Oakland.  
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.  
Architect—W. W. Wurster, 260 California St., San Francisco. \$5,750

**BARBECUE PIT**  
(467) 998 SUNNYHILLS RD., OAKLAND. Barbecue pit and garden walls.  
Architect—A. J. Sundberg.  
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.  
Architect—Kent & Hass, San Francisco. \$2,000

**DWELLING**  
(468) 1534 CAMPUS DRIVE, BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—H. L. Davison, 1119 Milvia St., Berkeley.  
Contractor—R. F. Johnson and Son, 560 50th St., Oakland.  
Plans by Builder. \$5,000

**ADDITION**  
(469) 2421 **PIEDMONT, BERKELEY.**  
Addition.  
Owner—Chi Omega, 2421 Piedmont.  
Contractor—C. J. Pfirang.  
Architect—Not Given. \$2,350

**ADDITION**  
(470) 3517 **BROADWAY, OAKLAND.**  
Addition.  
Owner—E. Carlton Baker.  
Contractor—S. and J. S. McClure Co.,  
506 Ramona St., Albany.  
Architect—Not Given. \$1,200

**ADDITION**  
(471) 6754 **PINEHAVEN RD., OAKLAND.** Three-room addition.  
Owner and Builder—George R. Fey,  
6754 Pinehaven Road, Oakland.  
Architect—Not Given. \$1,000

**STORE**  
(472) 2063 **TELEGRAPH AVENUE, OAKLAND.** One-story tile store  
Owner—M. Kalley, premises.  
Contractor—Knudsen and Devillers,  
354 Hobart St., Oakland.  
Architect—Not Given. \$1,000

**ALTERATIONS**  
(473) 1508 **BROADWAY, OAKLAND.**  
Alterations.  
Owner—Kay Jewelry Co., 1308 Broadway, Oakland.  
Contractor—S. Kulchar & Co., 731 E. Tenth St., Oakland.  
Architect—Not Given. \$1,000

**ADDITION**  
(474) 1229 25th ST., OAKLAND. Addition (brick).  
Owner and Builder—Knox Cleaners, Inc., 1229 25th St., Oakland.  
Architect—R. C. Schuppert, 1530 Wellington St., Oakland. \$1,800

**DEPOSITORY**  
(475) 1540 **SAN PABLO AVENUE, OAKLAND.** Concrete depository.  
Owner—The Robt. A. Lurie Co., 1540 San Pablo Ave., Oakland.  
Contractor—The Hermann Safe Co., 200 Howard St., San Francisco.  
Architect—Not Given. \$3,000

**ADDITION**  
(476) 17045 **BROADWAY TERRACE, OAKLAND.** Addition.  
Owner and Contractor—R. W. Besley  
17045 Broadway Terrace, Oakland.  
Architect—Not Given. \$1290

**DWELLING**  
(477) 2463 **CORDOVA ST., OAKLAND.** One-story 4-room dwelling.  
Owner and Builder—J. W. Scammell,  
3161 Fruitvale Ave., Oakland.  
Architect—Not Given. \$3,300  
Also 1-story garage, \$150.

**DWELLING**  
(478) 1323 107th AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. C. Toffelmier, 8650 East 14th St., Oakland.  
Contractor—Stanley Kimball, 2456 Hilgard Ave., Berkeley. \$3,000  
Also 1-story frame garage, \$200.

### BUILDING CONTRACTS ALAMEDA COUNTY

No	Owner	Contractor	Amt.
104	Birge	Foster	3786
103	Skaggs	Fitzmaurice	5790
105	Roeth	Whalin	9991
106	Lucerne	McGee	13352

**CEMENT WORK**  
(403) 241 **WAYNE AVE., Oakland.** Concrete and cement work for six 2-story apartment buildings.  
Owner—M. B. Skaggs.  
Architect—F. Soderberg, 341 17th St., Oakland

Contractor—J. H. Fitzmaurice.  
Filed, Aug. 26, '37. Dated, Aug. 20, '37.  
Concrete poured for footings, walls, etc. \$3000  
Concrete poured for footings, floors, etc. 1310  
Usual 35 days 1480  
TOTAL COST, \$5790  
Limit, 30 days. Plans and specifications filed.

**ALTERATIONS**  
(104) 1639 **LA VAREDA AVENUE, BERKELEY.** Alterations for residence  
Owner—Raymond T. Birge.  
Architect—M. D. Reynolds.  
Contractor—W. G. Foster.  
Filed Aug. 28, '37. Dated, Aug. 5, '37.  
Frame up, 25%.  
App. board to interior surf., 25%.  
Completion, 25%.  
Usual 35 days, 25%.  
TOTAL COST, \$3786  
Plans and specifications filed.

**RESIDENCE**  
(105) **BERKELEY View Terrace, Berkeley.** Residence.  
Owner—Chas. F. B. and Margaret M. Roeth, 2548 Cedar St., Berkeley.  
Architect—Not Given.  
Contractor—Webb and Whalin, 2930 22nd Ave., Oakland.  
Filed, Aug. 30, '37. Dated, Aug. 21, '37  
Frame up \$2497.75  
House enclosed 2497.75  
Completion 2497.75  
Usual 35 days 2487.75  
TOTAL COST, \$9,991.00  
Bond, \$1995.50. Sureties Webb and Whalin, Blackman, Anderson. Limit, 90 days. Plans and spec. filed.

**ALTERATIONS**  
(106) 5725 **E 11th ST., Oakland.** Alterations and additions, boiler installation.  
Owner—The Lucerne Cream & Butter Co., 1000 Broadway, Oakland.  
Architect—Not Given.  
Contractor—McGee Sales Agency.  
Filed, Aug. 30, '37. Dated, Aug. 25, '37.  
Arrival of machinery 60%  
Completion of installation 25%  
Usual 35 days 15%  
TOTAL COST, \$13,352

### SAN FRANCISCO CO. PERMITS UNDER \$1000

**BILLBOARD, \$13; W Van Ness 135 S Greenwich; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.**  
**SIGN, electric, \$300; 2639 Mission St.; owner, D. L. MacFarland, premises; contractor, QRS Neon Corp., 690 Potrero Ave.**  
**ALTER dwelling, \$16; 1497 Masonic St.; owner, Celia E. Koster, 1497 Masonic Ave.**  
**ALTER dwelling, \$50.00; 2419 26th Ave.; owner, Dr. Jos. F. Atkinson, premises.**  
**ALTER warehouse, \$200; 1184 Harrison St.; owner, M. J. Callihan, 352 Virginia St., San Mateo; contractor, Fred M. Sauer, 2622 22nd Avenue.**  
**ALTER dwelling, \$250; 1443-45 Octavia; owner, F. W. Masher, 105 Montgomery St.**  
**BILLBOARD, \$7; S Mission 325 W 7th St.; owner, Foster & Kleiser Co., 1675 Eddy St.**  
**ALTER rooming house, \$750; 911 Folsom St.; owner, Wm. Greenfield, 2218 Pine St.; contractor, Robert F. Gaiway, 2566 Pine St.**  
**ALTER dwelling, \$200; 758 Chestnut St.; owner Mr. Cridelle 758 Chestnut St.; contractor, Joe Yrigoyen, 31 Thornton Ave.**  
**ALTER dwelling, \$100; 445 Marina Blvd.; owner, Robert Gump, 445 Marina Blvd.; contractor, Alpine Wood & Supply Co., 2846 Shattuck Ave., Berkeley.**

**BILLBOARD, \$13; S Geary opposite Presidio Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.**  
**GARAGE, one-story private frame, \$200; rear E Laidley 90 N Fairmont; owner, Louis Lakegard, 187 Laidley St.**  
**ALTER dwelling, \$570; 181 Duncan; owner, Michael P. Lyons, prem.; contractor, National Roofing and Siding Co., 2172 Market St.**

**ALTER stores, \$214; 18-20-24 First St.; owner, A. Aronson, 3rd and Mission St.; contractor, Phoenix-Simpton Co., 520 Sixth St.**  
**ALTER dwelling, \$450; 179 Commonwealth; owner, Mr. R. Gordon, 635 Irving St.; contractor, Nelson Annihilators, 210 Post St.**  
**ALTER dwelling, \$135; 3003 Clay St.; owner, Sue Arrington, Prem.**  
**ALTER dwelling, \$85; 85 Ney St.; owner, Robert Hallenbarter, Prem.**

**ELECTRIC, \$250; NE Innes and Earl; owner, R. S. Averill, 696 Innes Ave.**  
**SIGN, electric, \$300; 4th and Bryant Sts.; owner, Regal Amber Beer Co., 675 Treat Ave.; contractor, Elec. Prod. Corp., 910 Harrison St.**

**ALTER rooming house, \$200; NE Cor. 4th and Folsom Sts.; owner, A. Giovanetti, 562 Greenwich St.**  
**ALTER apartment house, \$50; 1040 Leavenworth; owner, W. Thompson, Prem.**  
**ALTER restaurant, \$250; 405 Francisco St.; owner, Dale Taso, Prem.; contractor, Cochran and St. John, 952 Mission St.**  
**SIGN, electric, \$300; 131 Fell St.; owner, Speedometer Service Co., Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.**

**ALTER shed, \$50; NE Innes and Earl; owner, R. S. Averill, 696 Innes Ave.**  
**ALTER dwelling, \$900; 1739 8th Ave.; owner, Gavnell Peacock, Prem.**  
**STOPAGE shed, frame, \$210; 2101 Bryant St.; owner, Remler Co., Ltd. Prem.; contractor, John Hink, 1459 Van Ness Ave. So.**  
**ALTER bank, \$80; St. Francis Hotel Bldg.; owner, Canita Co., 625 Market St.; contractor, Phoenix-Simpton Co., 520 Sixth St.**  
**ALTER warehouse, \$50; NE Innes Ave. and Earl; owner, R. S. Averill, 696 Innes Ave.**

**SIGN, electric, \$200; 416 Castro St.; owner, Alex's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.**  
**ALTER flats, \$100; E 24th St., 100 N. Guerrero; owner, Edward Marr, 2070 Pacific Ave.**  
**ALTER library, \$500; 295 14th Ave.; owner, Dr. Gena Sherrin, Ernest Lombardi, 1218 Hollister St.**  
**ALTER factory, \$950; SW cor. Chestnut and Taylor Sts.; owner, J. Brownstone, Russ Bldg.; contractor, Alfred P. Fisher, 111 Sutter St.**

**ALTER flats, \$35; 745 Ashbury; contractor, Ernest Lombardi, 1218 Hollister St.**  
**ALTER factory, \$275; 1379 Folsom St.; owner, Ohio Chemical Co., Prem.; contractor, Hugh Hall, 2288 3rd St.**  
**ALTER dwelling, \$350; 3234 Jennings Ave.; owner, M. Love, c/o contractor, Ernest Lombardi, 1218 Hollister St.**  
**ALTER store, \$100; 228 Fillmore St.; owner, Frank D. Hall, Prem.**  
**ALTER dwelling, \$500; 660 Van Ness Ave. So.; owner, Jos. M. Sala, 3960 16th St.**  
**ALTER store, \$75; 2840 Mission St.; owner, Louis Pantoni, 61 Naples St.**

**SIGN, electric, \$400; 639 Broadway; owner, Chez Broadway, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.**

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Lunds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Houses and Jans             |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Banks, Stores and           |
| 7.—Federal Buildings            | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves                     |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies &            |

### 1— APARTMENTS

**Owner Taking Bids**  
**APARTMENT HOUSE** Cost, \$20,000  
**ANTIOCH, Contra Costa Co., Calif.**  
 Two-story frame and stucco apartment house containing ten one- and two-room apts. with bath, gas forced air heating system, some hardwood floors, wood sash, composition roof, linoleum baths.  
**Owner—Mrs. Rene, 223 4th St., Antioch.**  
**Architect—C. O. Clausen, 736 46th Ave., San Francisco.**

### 3— CHURCHES

**Being Done By Day's Work**  
**EMPIRE CHURCH** Cost, \$3,000  
**SAN LEANDRO, Alameda Co., Calif.**  
 Remodel church building (new choir pews, pulpits and communion table).  
**Owner—Withheld.**  
**Architect—Geo. Patton Simonds, 80 Main St., Hayward.**

**Preparing Working Drawings**  
**CHURCH** Cost, \$45,000  
**SAN JOSE, Santa Clara Co., Calif.**  
 80 S. Fifth St.  
 New edifice to replace church recently destroyed by fire.  
**Owner—First Christian Church.**  
**Architect—Binder & Curtis, 25 West San Carlos St., San Jose.**  
 Preliminary plans have been accepted by the owners.

### 4— FACTORIES & WAREHOUSES

**Contract Awarded**  
**STORAGE SHED** Cost, \$—  
**SAN FRANCISCO, Bayshore Blvd.**  
 One-story steel frame bone storage shed (80 ft. wide by 200 ft. long, 40 ft. to under side of trusses), concrete walls, glass brick, covered with protective metal, concrete hns and pits, railroad tracks, paving.  
**Owner—Consolidated Chemical Industries, Inc., 111 Sutter Street.**  
**Architect—J. Francis Ward, 68 Post Street.**  
**Structural Engineer—W. H. Ellison, 821 Market St.**  
**Contractor—Barrett & Hilp, 918 Harrison Street.**  
 Work must be completed in 120 calendar days.

**Sub-Contracts Awarded**  
**FACTORY** Cont. Price, \$64,449  
**SAN FRANCISCO, Folsom St bet Annie and Fourth Streets.**  
 Three-story reinforced concrete factory building (80x143 ft.)  
**Owner—M. Greenberg's Sons, 765 Folsom Street.**  
**Architect—Hyman and Appleton, 88**

**Post Street.**  
**Contractor—Barrett & Hilp, 918 Harrison Street.**  
**Steel Rolling Doors—Kinnear Mfg. Co., 261 Brannan Street.**  
 Sub-contract awarded previously published August 20.

**Sub-Contracts Awarded**  
**FACTORY** Cost, \$12,000  
**SAN FRANCISCO, W 30th Street 245 N. 18th Street.**  
 One-story frame factory building.  
**Owner—Fruehauf Trailer Co., 145 11th Street.**  
**Engineer—W. H. Ellison, 821 Market.**  
**Contractor—Barrett & Hilp, 918 Harrison Street.**  
**Sheet Metal—Morrison & Co., 71-76 Duboce Avenue.**  
**Plumbing—W. F. Wilson Co., 736 Harrison Street.**

**Bids In—Held Under Advertisment**  
**STORAGE SHED** Est. Cost, \$90,000  
**SAN FRANCISCO, Bayshore Blvd.**  
 One-story steel frame bone storage shed (80 ft. wide by 200 ft. long, 40 ft. to under side of trusses), concrete walls, glass brick, covered with protective metal, concrete hns and pits, railroad tracks, paving.  
**Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.**  
**Architect—J. Francis Ward, 68 Post Street.**  
**Structural Engineer—W. H. Ellison, 821 Market St.**  
 Announcement shortly.

**Additional Sub-Contracts Awarded**  
**WAREHOUSE** Cost, \$28,000  
**OAKLAND, Alameda Co., Calif. 377 Second Street.**  
 One-story concrete warehouse (100x100x200-ft.)  
**Owner—The Lurie Co., 333 Montgomery St., San Francisco.**  
**Lessee—Penninsula Stores, Inc.**  
**Architect—W. E. De Pugh, 333 Montgomery St., San Francisco.**  
**Contractor—Cahill Brothers, 206 Sansome St., San Francisco.**  
**Roofing—J. W. Bender Roofing and Paving Co., 1999 Brvant St.**  
**Sheet Metal—Robert J. Neilan, 39 Los Street.**  
**Glass—Halbenicht & Howlett, 529 Clay Street.**  
**Millwork—Brannan Street Planing Mill, 569 Brannan St.**  
**Hardware—E. M. Hundley, 662 Mission Street.**  
**Overhead Doors—Parker-Carpenter, Inc., 606 Mission St.**  
 All of San Francisco.  
 Sub-contracts previously awarded published August 3.

**PLANS BEING FIGURED**  
**LOS ANGELES, Calif.**—Stone and Webster, 641 W. 5th St., are taking general contract bids for the new manufacturing plant to be built on a 50-acre site at Alameda Ave. and 232nd St., Los Angeles county territory, for the Johns Manville Corp.  
 Principal building of the plant will be a structure, 700x100 ft. in area, and another structure, 310x100 ft., with a wing 90x60 ft., both one-story. They will be of structural steel construction with transite exterior. Plans were prepared by Stone & Webster, 100 Federal St., Boston. Albert C. Martin, 225 Hargins Bldg., Los Angeles, is consulting architect. Following is a partial list of the bidders: **Earl J. Taylor Co., 816 W. 5th St.**  
**Lindgren & Swinerton, 605 W. Olympic Blvd., Boston Corp., 625 S. Olive St., Pozzo Const. Co., 2403 Riverside Drive.** Bids are to be submitted August 30.

**Contract Awarded**  
**ADMIN. BLDG.** Cost, \$—  
**EMERYVILLE, Alameda Co., Calif.**  
 Four-story reinforced concrete administration building.  
**Owner—Shell Development Co., 53rd and Horton Sts., Oakland.**  
**Plans by Eng. Dept. of Owner.**  
**Contractor—Langdon and Swinerton, Inc., 1723 Webster St., Oakland.**

**Plans Completed**  
**ALTERATIONS** Cost, \$4,500  
**SAN FRANCISCO, 182 Second Street**  
 Alter stores and lofts.  
**Owner—Mountain View Cemetery Association, Piedmont Ave., Oakland.**  
**Architect—W. P. Day, 405 Montgomery Street.**

**Contract Awarded**  
**ALTER WAREHOUSE** Cost, \$5,500  
**SAN FRANCISCO, 240 Second St.**  
 Alterations to warehouse.  
**Owner—Walking Drayage Warehouse Co., 240 2nd St.**  
**Architect—Not Given.**  
**Contractor—Chiff C. Newman, 507 Brannan Street.**

**Contract Awarded**  
**ALTER WAREHOUSE** Cost, \$9,000  
**SAN FRANCISCO, 516 Howard St.**  
 Alterations to warehouse.  
**Owner—Bohan Real Estate Co., 604 Mission Street.**  
**Engineer—Norman Green, Sharon Building.**  
**Contractor F. R. Siegrist, 604 Mission Street.**

**Bids In—Held Under Advertisment**  
**ADMINISTRATION BLDG.** Cost, \$—  
**EMERYVILLE, Alameda Co., Calif.**  
 Four-story reinforced concrete administration building.  
**Owner—Shell Development Co., 53rd and Horton Sts., Oakland.**  
**Plans by Eng. Dept. of Owner.**  
 Announcement shortly.

### 5— FLATS

**Contract Awarded**  
**FLATS** Cont. Pr., \$18,990  
**SAN FRANCISCO, Jefferson Street, near Baker Street.**  
 Two-story frame and stucco flat building (two 6-room flats), gas-fired hot air heating system, steel sash, linoleum baths, composition roof, small penthouse.  
**Owner—Withheld.**  
**Architect—Richard J. Neutra, 251 Kearny St.**  
**Contractor—Empire Constr. Co., Ltd., Russ Bldg.**  
 Complete bids follow:

Empire Constr. Co., Ltd.	\$18,990
Peter Sartorio	19,980
Adolph Strate	23,450
P. P. Jensen & Sons, Inc.	23,980
Villa Morel, Inc.	24,513

### 6— GARAGES & SERVICE STATIONS

**To Be Done By Day's Work**  
**FLATS** Cost, \$8,500  
**SAN FRANCISCO, SW Roosevelt Way and Clifford Terrace.**  
 Two-story and basement frame and stucco flat building.  
**Owner and Builder—Prof. Diefendore, 112 Arguello Blvd.**  
**Engineer—F. W. Hand, Berkeley.**

**Contract Awarded**  
**STORAGE STATION** Cost, \$8,500  
**SAN FRANCISCO, San Joaquin Co., Calif.**  
 100 E. Washington St.  
 Gasoline service station

Owner—F. A. Eglington.  
Architect—Not Given.  
Contractor—J. A. Allen, 22 S. Sutter St.

**Sub Contracts Awarded**  
**GARAGE BLDG.** Cost, \$12,000  
SAN JOSE, Calif. St. James, near Market St.

One-story brick front garage building 67 x 127½ ft., brick side walls, summerbell trusses, cement floors.

Owner—Myrtle Judkins, c/o Contractor.

Architect—Chas. McKenzie, Twohy Bldg., San Jose.

Contractor—Howard S. Waltz, Rt. 4, Box 468, San Jose.

**Plumbing**—Mark Cox, 1091 Carolyn St.

**Electric Wiring**—Ted Russell Elec. Co., Montgomery Hotel.

**Sheet Metal**—Roy E. Oberg, 151 W. Santa Clara.

**Glass and Steel Windows**—Christopher & Schmidt Glass Co., 418 S. Market.

**Iron Work**—Engfer Bros., 535 W. San Carlos.

**Brick and Stone Work**—Frank Filben, 1140 Martin Ave.

**Grading and Concrete**—J. C. Bateman, 590 Stockton Ave.

**Lumber**—Santa Clara Lumber Co., E. Santa Clara and 26th St.

**Painting**—Geo. M. Cahill, 763 East Julian St.

All of San Jose.

## 7— FEDERAL BUILDINGS

### MATERIALS AWARDED

LOS ANGELES, Calif.—Treasury Department approved following bldg. material and equipment awards for the construction of the U. S. Post Office at Los Angeles. George A. Fuller Co., Contractor: Fire pump, Davton-Dowd Co.; motor for fire pump, Howell Elec. Co.; fans for ventilation, Western Blower Co.; fan blast radiator for ventilation, Young Radiator Co.; pressure reducing valves on water mains, Charles M. Bailey Co.; automatic steam control, Marsh Tritrol Co.; silver mirrored reflectors, Curtis Lighting Co.

### CONTRACT AWARDED

SAN FRANCISCO—W. G. Thompson, 336 Church St., San Francisco, at \$6,926.50 under Item 1, All. a, b, c, da, db, and dc, awarded contract by the Veterans' Administration Facility, Washington, D. C., for exterior painting at the Veterans' Administration Facility, San Francisco.

### Contract Awarded

POST OFFICE Cont. Pr., \$172,600

SANTA MONICA, Los Angeles Co.

United States Post Office.

Owner—U. S. Government.

Plans by the Treasury Department,

Washington, D. C.

Consulting Architect—Robert Dennis Murray.

Contractor—James I. Barnes, Wilhoit Bldg., San Diego, Calif.

Complete bid published Aug. 2.

### BIDS WANTED

SEATTLE, Wash.—Until Sept. 14, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 874, for burglar-proof cabinets and alarm system for District Headquarters Bldg., Seattle Est. cost, \$1,257.

### Bid Opening Date Postponed Until

Sept. 21

P. S. Post Office Est. Cost, \$70,000

WYBURN, Placer Co., Calif.

Owner—U. S. Post Office.

Plans by Supervising Architect of the Treasury Dept., Washington,

D. C.

Plans and specifications may be

obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C.

No deposit for one set of plans.

Bid opening date postponed from September 7.

### BIDS OPENED

ALCATRAZ, Calif.—Fred J. Early, Jr., 369 Pine St., at \$5,222. Alt. (a) ded. \$0, submitted low bid to the Board of Prisons, U. S. Penitentiary, Alcatraz, for new steel frame guard tower on roof of Building 68, and rehabilitating present inter-tower buzzer system on Alcatraz Island, under Spec. No. 53, Invitation No. 1095.

One other bid submitted by Leo Epp, San Francisco, at \$5,987 Alt. (a) add \$100.

### BIDS OPENED

ALCATRAZ, Calif.—Following bids were submitted to the Bureau of Prisons, U. S. Penitentiary, Alcatraz, for replacing wall condenser and rehabilitating Refrigeration Plant in Building 68, U. S. Penitentiary, Alcatraz, under Spec. No. 54, Invitation No. 1103:

The Pelton Water Wheel Co., 2929 19th St., S. F. \$320, (1a) \$480, (2) \$3625, (3) \$84, (4) \$10, (5) \$480.25, (6) \$640.25.

York Ice Machinery Corp., 234 9th St., San Francisco—(1) \$267, (1a) \$281, (2) \$32, (3) \$87, (4) \$72, (5) \$478, (6) \$472.

### Contract Awarded

POST OFFICE Cont. Pr., \$59,820

SUSANVILLE, Lassen Co., Calif.

United States Post Office.

Owner—U. S. Government.

Plans by the Supervising Architect of the Treasury Dept., Washington,

D. C.

Contractor—Geo. Goedhart, 2244 W.

110th Pl., Chicago.

### Contract Awarded

POST OFFICE Cont. Pr., \$64,390

COLUMBIA, Colusa Co., Calif. Fourth and Market Streets.

United States Post Office.

Owner—U. S. Government.

Plans by the Supervising Architect of the Treasury Dept., Washington,

D. C.

Contractor—Geo. Goedhart, 2244 W.

110th Pl., Chicago.

### BIDS WANTED

SAN DIEGO, Cal.—Until Sept. 14, 11 A. M. bids will be received by the Eleventh Naval District, foot Broadway, San Diego, for remodeling quarters MI at the Naval Operations Base (Marine Corps Base), San Diego, under Spec. No. 8773.

Work consists of alterations and additions to existing timber framing and exterior tile wall quarters, i. e., removal of a portion of the roof framing of the one-story service portion of the building and extending the second floor to provide passage from new interior stairs to the main portion of the second floor quarters, and to provide additional closet space.

Project will include carpentry and joinery work, plaster and stucco work, electrical, painting and other miscellaneous work for making the required alterations and additions.

Plans and specifications obtainable from Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, upon deposit of \$10.00.

### COMPLETE BIDS

RENO, Nevada—As previously reported, Schuler & McDonald, Inc., 1719 14th St., Oakland, at \$106,713, submitted low general bid to the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for the construction of Treatment Bldg., No.

1, at the Veterans' Administration Facility, Reno, Nevada.

Separate bids were received for (1) general construction; and (2) electrical elevator.

Complete bids follow:

**General Work**

Schuler & McDonald, Inc., Oakland

Facilities—(Item 1) \$106,713; (Alt. A) deduct \$1,830.

George A. Maurer Co., Piedmont

Calif.—(Item 1) \$122,974; (Alt. A) deduct \$4,700.

Trevitht-Shields & Fisher, Fremont

Calif.—(Item 1) \$128,000; (Alt. A) deduct \$4,000.

L. F. Dowd Co., Los Angeles, Calif.

—(Item 1) \$129,000; (Alt. A) deduct \$2,700.

E. & E. J. Protzer, Philadelphia

Pa.—(Item 1) \$143,300; (Alt. A) deduct \$4,200.

Whittaker & Snook, Pasadena, Cal.

—(Item 1) \$148,000; (Alt. A) deduct \$3,800.

### Elevators

Kimball Bros. Co., Council Bluffs,

Iowa—\$7,400.

Otis Elevator Co., Washington, D.

C.—\$7,594.

S. Heller Elevator Co., Milwaukee,

Wis.—\$8,656.

A. Kieckhefer Elev. Co., Milwaukee,

Wis.—\$9,800.

### Contract Awarded

POST OFFICE Cont. Pr., \$49,723

TOPENNISH, Wash.

United States Post Office.

Owner—U. S. Government.

Plans by the Supervising Architect of the Treasury Dept., Washington,

D. C.

Contractor—West Coast Constr. Co.,

Seattle, Wash.

## 8— CLUB BUILDINGS

### Contract Awarded

ALTERATIONS Cost, \$8,500

SAN FRANCISCO. 220 Golden Gate Avenue.

Owner—Y.M.C.A., 220 Golden Gate.

Architect—Not Given

Contractor—George Wagner, 181 So.

Park.

### Contracts Awarded

REMODEL BLDG. Cost, \$.....

SAN FRANCISCO, McAllister Street

and Van Ness Ave. and Polk St.

Remodel bldg. for museum and art

gallery and future clubrooms and

dining room.

Owner—Society of California Pio-

neers, c/o Architect.

Architect—John H. Ahnden, 822 39th

Avenue.

General—Wm. Martin, 666 Mission St.

\$17,116.50.

Heating—Colan Heating and Sheet

Metal Co., 1060 Folsom St., \$2,145

## 9— HOSPITALS

### TAKEING SEGREGATED BIDS

DUARTE, Los Angeles Co., Calif.

—Harry N. Herzog, of Suburban Con-

struction Co., 341 S. La Brea Ave.,

Los Angeles, will supervise construction

and is taking segregated bids on all

trades for a new unit to be built

at a sanatorium in Duarte for the

Jewish Consumptive Relief Association.

The site is being excavated.

Building will contain 40 rooms and

20 bathrooms; frame and stucco con-

struction, clay tile roof, rubber tile

and linoleum floors, Carrara glass,

steel sash, 15 fire doors, unit heating

system, Venetian blinds. Estimated

cost \$55,000. Another unit will be

built later. Paul C. Pape, architect,

346 S. La Brea Ave., Los Angeles.

August 30, 1937

CONSTRUCTION UNDERWAY

LONG BEACH, Calif.—Scoenberger

Bros., 640 Obispo Ave., Long Beach,

have been awarded the contract and

have started work on the construc-

tion of a one- and part two-story and basement reinf. conc. hospital building at Atlantic Ave. and 38th St., Long Beach, for Long Beach Maternity Hospital; Francis H. Gentry, engineer, Jergins Trust Bldg., Long Beach, Cost, \$25,000.

**Bids Wanted**  
**HOSPITAL ADDITION** Cost, \$.....  
**HOLLISTER**, San Benito Co., Calif.  
 Hazel Hawkins Hospital.

Remodel hospital and add one-story frame and stucco wing.

**Owner**—Hazel Hawkins Hospital  
 Judge M. T. Dooling, Chairman  
 of Board.

**Architect**—Binder & Curtis, 25 West San Carlos St., San Jose.

Plans and specifications obtainable from the architect's office. No deposit required. Definite closing date not yet set.

Following have taken out plans:  
 E. Nommensen, 315 S. 17th St., San Jose.

Neisen & Erhentraut, 82 Hollywood Ave., San Jose.

F. C. Stolte, 1405 San Antonio Ave., Alameda.

**Low Bidder**  
**HOSPITAL** Cost, \$.....  
**LIHUE**, Kauai, T. H.

Two-story G. N. Wilcox Memorial Hospital (containing 75 beds) stucco on concrete exterior, concrete frame, metal lath and plaster interior partitions, rigid asbestos roof, asphaltic tile floors, Otis elevator, Oregon pine interior.

**Owner**—Wilcox Trust, Lihue.

**Architect**—C. W. Dickey, Honolulu.

**Low Bidder**—Ralph E. Woolley, Honolulu, \$195,450.

**BID OPENING DATE POSTPONED**  
**COVINA**, Los Angeles Co., Calif.—

Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles announce that the date for opening of bids for the Macgan and Norwood Clinic, to be built in Covina, has been postponed until Aug. 30.

**Architect Appointed**  
**HEATING PLANT** Cost, \$.....  
**LIVERMORE**, Alameda Co., Calif.

Arroyo Sanatorium.

Central heating plant to be installed in sanatorium.

**Owner**—County of Alameda

**Architect**—Will G. Corlett, Bank of America Bldg., Oakland.

Mr. Corlett has been appointed to prepare plans.

**10—HOTELS**

**CONTRACT AWARDED**  
**LOS ANGELES**, Calif.—Charles J. Dorfman, 124 N. La Brea Ave. awarded contract for the structural portion of remodeling the old Alexandria hotel on the SW Cor. of Fifth and Spring Sts., for Phil Goldstone.

C. E. Noerenberg, 310 Los Angeles Railway Bldg., architect. 10

**12—POWER PLANTS**

**Contract Awarded**  
**TELEPHONE BLDG.** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.

SW Cor. San Joaquin and Linday Streets.

General construction of three-story and basement Class A telephone exchange building (96 x 56 ft.), concrete and brick roof, plastering, plumbing, lighting and heating.

**Owner**—P. T. & T. Co. (H. C. Britton, District Manager)

Plans by Engrg. Dept. of Owner.

**Contractor**—Monson Bros., 475 Sixth St., San Francisco.

**13—PUBLIC BUILDINGS  
 FIRE HOUSES & JAILS**

**Contract Awarded**  
**FRAMING EAST TOWERS**

**VERBA BUENA SHOALS**, Site of the 1929 World's Fair.

Framing work in connection with East Towers.

**Owner**—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 555 Bush St.

Plans by San Francisco Bay Architectural Comm., 585 Bush St.

**Contractor**—Tinton Constr. Co., 923 Folsom St.

**Bids Rejected**  
**FIRE HOUSE** Est. Cost, \$5,000

**SAN BRUNO**, San Mateo Co., Calif.

One-story fire house (engine room, meeting room, kitchen and showers), to be built of Soule unit-built steel and stucco, or Basolite concrete and hollow tile.

**Owner**—City of San Bruno.

Plans by City Engineer, F. A. Sav-

Bids were received for (a) Soule unit-built steel and stucco and (b) Basolite concrete and hollow tile.

Following are complete bids which were rejected:

A. Nelson, Inc., 242 Ocean Ave., S. F.—\$8,000; (b) \$7,500.

J. Betteancourt, San Bruno—(a) no bid; (b) \$5,900.

State Construction Co., S. F.—(a) \$8,570; (b) \$8,790.

State Construction Company's bid was not considered as it was not accompanied by a certified check.

**BIDS OPENED**  
**PE-ROOF BLDG.**

**STOCKTON**, San Joaquin Co., Calif. State Hospital Farm.

Re-roof with composition roofing the Female Ward Bldg.

**Owner**—State of California, Dept. of Institutions.

**Architect**—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.

**Low Bidder**—San Joaquin Lumber Co., P. O. Box 71 Stockton—\$1,323.

One other bid submitted by Stockton Roofing Company, at \$2,284.

**Funds Allotted**  
**CITY HALL** Est. Cost, \$80,000

**SANTA CRUZ**, Santa Cruz Co., Cal.

Church and Locust Streets.

One- and two-story reinforced concrete City Hall (second and third units) to house offices of city engineer, building and plumbing inspectors, council chamber, and police court and committee chambers.

**Owner**—City of Santa Cruz (S. Z. Evans, City Clerk).

**Architect**—C. J. Ryland, Monterey and Carmel.

Plans are completed on second unit and are being prepared on the third unit.

PWA has allotted grant in amount of \$36,000 and funds in the amount of \$44,000 are available to complete financing.

**Contract Awarded**  
**PE-ROOF BLDG.** Cont. Pr., \$2,783

**SACRAMENTO** Sacramento County, Cal. State Office Bldg. No. 2.

Insulation and composition roofing on building.

**Owner**—State of California.

**Architect**—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

**Contractor**—Sacramento Roofing Service, 12th and N. B. Sts., Sacramento.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Adam Arras & Son, 4008 18th St., at \$3,313, awarded contract by the Dept. of Public Works, City Hall for installing a freight elevator in the Veterans' Building, Civic Center.

**BIDS WANTED**  
**SAN JOAQUIN**

**SAN JOAQUIN CO., Calif.**—Until September 13, 11 a. m., bids will be received by the County of San Joaquin, Eugene D. Graham, County Clerk, for constructing a ferry tender's house at Mandeville Ferry, on the north side of Bacon Island, about 20 miles west of Stockton. Plans and specifications prepared by County Surveyor Julius B. Manthey. Bid forms obtainable at the office of the County Surveyor, Highway-Agriculture Bldg., Hazelton Ave. and B St., Stockton.

Bids will be opened in the office of the Board of Supervisors, County Courthouse, Stockton.

**BIDS WANTED**  
**VENTURA**, Calif.—Until Sept. 20, 9 a. m., bids will be received by the Ventura county clerk, L. A. Halliwell, for repainting certain portions of the Ventura county courthouse. Specifications on file at the office of the county surveyor.

**BIDS REJECTED—NEW BIDS WANTED**  
**OAKLAND**, Alameda Co., Calif.—

Oakland City Council, W. W. Chapman, City Clerk, rejected all bids received Aug. 25 as excessive for construction of a shed (183 x 25 ft.) at the Oakland Municipal Corporation Yard and are receiving new bids until Sept. 1, 11 p. m. Shed will be of steel frame, corrugated metal roof and sides, to be constructed on pile foundation already in place.

Specifications obtainable from the City Clerk.

Adam Arras & Son, 4008 18th St., San Francisco, submitted low bid at previous opening, at \$7,069.

**BIDS OPENED**  
**SACRAMENTO**, Cal.—Lawrence Const. Co., 5372 Ninth Ave., Sacramento, at \$2,865 submitted low bid to the State Division of Architecture.

George B. McDougall, State Architect, Public Works Bldg., Sacramento for improvements to Sutter's Fort, Sacramento.

Only other bid submitted by Holden Const. Co., Sacramento, at \$3,422.

**BIDS WANTED**  
**OAKLAND**, Calif.—Until Sept. 7, 9 A. M., bids will be received by the Oakland City Council for the sale and removal of buildings at Nos. 648, 660, 790, 708 Lansdale Rd., Oakland.

**Completion Plans**  
**VENTURA** Est. Cost, \$12,000

**ALPITALMA** Alameda Co., Calif., 18th and Poplar Sts.

Alterations and repairs to the Detention Home.

**Owner**—County of Alameda

**Architect**—Edw. T. Foulkes, 357 12th Street.

Plans will be completed and bids called in about one week.

**Grant Approved**  
**FIRE STATION** Est. Cost, \$36,500

**PETALUMA** Sonoma Co., Cal.—East side of Third St. near D St.

One-story frame and stucco fire station (steel roof trusses and columns).

**Owner**—City of Petaluma

**Architect**—Brainerd Jones, 226 Washington St., Petaluma.

Structural Engineer—Jefferson Sly, 251 Kearns St., San Francisco.

The city of Petaluma voted bonds

in the amount of \$40,000 to finance construction of the fire house. The PWA, however, has approved a grant of \$18,150 and bonds will probably be reduced.

#### BID OPENED

SAN FRANCISCO.—Michel & Pfeiffer Iron Works, Inc., 10th and Harrison Sts., at \$36, submitted only bid to the Department of Public Works, City Hall, for furnishing and installing one way guard on window of San Francisco Morgue, Kearny and Commerce Sts.

#### Sub Contracts Awarded ENTRANCE TOWERS

YERBA BUENA SHOALS. Site of the 1939 World's Fair. Two main entrance towers, each 70 feet high with bases 118 x 263 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush. Contractor—Barrett & Hill, 918 Harrison St., San Francisco.

Roofing—Malott & Peterson, 2412 Harrison St.

Sheet Metal—Morrison & Co., 74-76 Duchoe St.

Lumber—Bookstaver & Moore  
All of San Francisco.

### 14— RESIDENCES

To Be Done By Day's Work  
RESIDENCE Cost, \$9,000

SAN FRANCISCO NW Clayton & Iron Alley.

One-story and basement frame and stucco residence.

Owner & Builder—Fernando Nelson & Sons, 2901 19th Ave.  
Architect—Not Given.

Contract Awarded  
RESIDENCE Cost, \$9,500

BAYWOOD, San Mateo Co., Calif.  
Parrott Dr., Lot 7, Blk. 21.

Two-story frame and stucco residence.

Owner—D. J. Anzini, 430 Highland Ave., San Mateo.  
Architect—Not Given.

Low Bidder  
RESIDENCE Est. Cost, \$5,000

BERKELEY HIGHLANDS, Alameda Co., Calif.

One-story frame residence, composition roof, gas floor furnaces, hardwood floors, tile bath, etc.

Owner—Wirthfeld.

Architect—Williams & Wastell, 337 17th St., Oakland.

Low Bidder—H. C. Andresen & Son, 600 Montclair Ave., Oakland.

Preparing Preliminary Plans  
RESIDENCE Est. Cost, \$5,000

HAYWARD, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, hot air heating system, wood sash.

Owner—Wirthfeld.

Architect—Geo. Patton Simonds 80 Mon St., Hayward.

Plans will be completed in about one month and sub bids taken by the owner.

Owner Now Taking Sub Bids  
RESIDENCE Cost, \$6,500

SAN FRANCISCO Kitcham St., nr 22nd Ave.

One-story and basement frame and stucco duplex residence, hot air furnace, hardwood floors, tile bath, composition shingle and

composition roof, wood sash, etc.  
Owner—E. Vigen, 1346 40th Ave.  
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded  
RESIDENCE Cost, \$16,000

SAN MATEO, San Mateo Co., Calif.

Two-story frame and stucco duplex residence (two five-room apartments) hardwood floors, tile baths, terra cotta tile roof, steel sash, concrete walls, hot air oil burning heating system, tile terraces and steps, social room, 3-car garage.

Owner—Manuel Correia, 716 Third Ave., San Mateo.

Architect—Otto Hinterman, Call Bldg., San Francisco.

Contractor—Roy Allen, 103 Castillian Way, San Mateo.

Contract Awarded  
RESIDENCE Cost, \$9,500

SAN MATEO, Calif. Lot 7, Blk. 21, Parrott Drive.

Two-story frame and stucco residence.

Owner—D. D. Anzini, 430 Highland, San Mateo.

Architect—Not Given.

Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded  
RESIDENCE Cost, \$10,500

BURLINGAME, San Mateo Co., Cal. Lot 7, Blk. 28, Clarendon Rd.

Two-story frame and stucco residence.

Owner—James L. Porter, 1493 Oak Grove Ave., Burlingame.

Architect—Not Given.

Contractor—Hammer & Tosch, 1479 Burlingame Ave., Burlingame.

Bids In  
RESIDENCE Est. Cost, \$7,000

SACRAMENTO, Calif.

Two-story frame and brick veneer residence, shingle roof, steel sash, tile floors in baths, oil burning heating system.

Owner—Dr. Saverien, c/o Architect.

Architect—Herbert Goodpastor, Mission Bldg., Sacramento.

Contractor—Announcement shortly.

Plans Being Figured—To Close  
RESIDENCE Cost, \$5,000

SAN FRANCISCO NW Clayton & Iron Alley.

One-story frame and stucco residence, shake roof, hardwood floors, tile baths, etc.

Owner—J. G. Hamilton, c/o Architect.

Architect—M. J. Rist, Phelan Bldg., San Francisco.

As previously reported, plans are being figured by the following contractors:

Mayer Bros. & Son, 1359 Fourth Ave.

Peter Sartorio, 369 Pine St., San Francisco.

A. F. Mattock Co., 212 Clara St., San Francisco.

W. F. Waser, 225 Monte Vista Larkspur.

Marin Building Company, 740 4th St., San Rafael.

Plans Being Figured  
RESIDENCE Cost, \$

SAN FRANCISCO

One-story frame and Pumitile residence, air conditioning system, hardwood floors, tile bath, etc.

Owner—Ben Cory c/o Architect.

Architect—W. W. Wurster, 260 Callifornia St., San Francisco.

Plans are being figured by a selected contractor.

Contracts Indefinitely Postponed  
RESIDENCE Cost, \$

SAN FRANCISCO

One-story frame and stucco residence, hardwood floors, tile baths

etc.

Owner—Mr. Schwager, c/o Architect.

Architect—W. W. Wurster, 260 Callifornia St., San Francisco.

Contract Awarded  
RESIDENCE Cost, \$5,500

BERKELEY, Alameda Co., Cal. 1354 Campus Drive.

One-story frame and stucco residence (6 rooms) garage.

Owner—H. L. Davission, 1113 Milvia St., Berkeley.

Architect—Not Given.

Contractor—R. F. Johnson & Son, 560 36th St., Oakland.

PLANS BEING FIGURED

HOLMBY HILLS, Los Angeles Co., Cal.—Architect Gordon B. Kaufmann

627 S Carondelet St., Los Angeles, is taking bids until Sept. 9 from a selected list of contractors for a two-story 14-room residence (94x103-ft.) to be built on the NE corner of Delferm Drive and Baroda Dr., Holmby Hills.

Low Bidder  
RESIDENCE Cost, \$

SAN FRANCISCO, Calif.

One-story frame and rustic residence (6 rooms), composition roof, hardwood floors, tile baths, etc.

Owner—Miss Morrill, c/o Architect

Architect—George E. Ralph, 110 Sutter St.

Low Bidder—Ed. Zinkand & Son, 667 36th Ave.

Plans Being Figured—To Close September 7, 3 P. M.

RESIDENCE Cost, \$

SAUSALITO, Marin Co., Calif.

One-story frame and stucco residence, shake roof, hardwood floors, tile baths, etc.

Owner—J. G. Hamilton, c/o Architect.

Architect—M. J. Rist, Phelan Bldg., San Francisco.

Plans are being figured by the following contractors:

Mayer Bros. & Son, 1359 Fourth Ave.

Peter Sartorio, 369 Pine St., San Francisco.

A. F. Mattock Co., 212 Clara St., San Francisco.

To Be Done By Day's Work  
RESIDENCE Cost, \$5,500

OAKLAND, Alameda Co., Calif. 1609 Leimert Boulevard.

Two-story frame and stucco residence (6 rooms).

Owner and Builder—A. K. Schmidt, 3936 Elston Ave., Oakland.

Architect—Not Given.

To Be Done By Day's Work  
RESIDENCE Cost, \$6,000

SAN FRANCISCO, S Cranleigh Dr., 299 S. Sloat Blvd.

Two-story and basement frame and stucco residence.

Owner and Builder—Stoneson Bros., 1 Sloat Boulevard.

Architect—Harold Stoner, 35 Vicente Street.

To Be Done By Day's Work  
RESIDENCES Cost, \$3,500 each

SAN FRANCISCO, E Nueva Avenue N of Blanka Ave.

Four one-story and basement frame and stucco residences.

Owner and Builder—Wm. H. Grahn, 2965 Mission St.

Architect—Not Given.

Bids Opened  
RESIDENCE

WOODSIDE, San Mateo Co., Calif.

One-story frame and stucco residence (5 rooms, 3 baths), hardwood floors, tile baths, etc.

Owner—Irma Casper Silverstein, c/o Architect.

Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Low Bidder—Carlen Constr. Co., 147

10th St.—\$14,660.  
**Complete bids follow:**  
 Carlen Constr. Co. \$14,660  
 Moore & Roberts. 14,824  
 Douglas, Stevens & Clark,  
 Menlo Park ..... 15,056  
 Grant-Martinelli Co. .... 15,434  
 H. H. Larsen ..... 15,523  
 Thomas M. Jones ..... 16,200  
 All of San Francisco, unless otherwise noted.  
 Bids held under advisement.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** Sherwood Forest.

Two-story frame, stucco and brick veneer residence, terra cotta tile roof, hardwood floors, tile baths, etc.

Owner & Builder—Frank B. Modglin.  
 Architect—M. J. Rist, Phelan Bldg.

**PLANS BEING FIGURED**  
**LAKE ARROWHEAD, San Bernardino Co., Calif.**—Architects Douglas Homold and George Vernon Russell, 1918 Grace Ave., Hollywood, are taking bids, until Aug. 30, for altering and adding to a large residence at Running Springs, Lake Arrowhead, for Myron Seiznick; est. cost, \$50,000.  
 Following contractors will submit bids: Eric Barclay, 709 Architects' Bldg., Los Angeles; J. Walter Johnson, 5205 Hollywood Blvd., Los Angeles; Frank Woodyard, 9470 Santa Monica Blvd., Beverly Hills.

**Plans Completed**  
**APT. BLDG.** Cost, \$.....  
**BURLINGAME, San Mateo Co., Cal.**  
 Almer Road.

One- and two-story frame and stucco apartment building (eight 2-room apartments).

Owner—Withheld.  
 Architect—O. R. Thayer, 244 Kearny St., San Francisco.  
 Bids will be asked shortly.

**Completing Plans**  
**RESIDENCES** Cost, \$3,200 ea.  
**SAN CARLOS, San Mateo Co., Calif.**  
 Three 1-story frame and stucco residences.

Owner—Withheld.  
 Architect—O. R. Thayer, 244 Kearny St., San Francisco.  
 Plans will be completed and bids taken from a selected list of contractors in one week.

**Completing Plans**  
**RESIDENCE** Cost, \$5,750  
**SAN MATEO, San Mateo Co., Calif.**  
 Tenth Avenue.

One-story frame and stucco residence (duplex).  
 Owner—Withheld.  
 Architect—O. R. Thayer, 244 Kearny St., San Francisco.

General bids will be taken upon completion of plans.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$.....  
**SAN FRANCISCO.** NE Corner Wawona St. and 15th Ave.

Two one-story frame and stucco residences (5 rooms and social hall each) hardwood floors, tile baths.  
 Owner and Builder—Dolly Realty Co., 550 Taraval St.

Construction Mgr.—Gordon Morris.

**Under Construction**  
**REMODEL BLDG** Cost, \$.....  
**BURLINGAME, San Mateo Co., Cal.**  
 111 Lawton Avenue.

Remodel four-room apts. into eight apartments.  
 Owner—Mrs. C. Bert.  
 Architect—O. R. Thayer, 244 Kearny St., San Francisco.

Contractor—T. N. Gesso, 1201 Van-couver Ave., Burlingame.

**Completing Plans**  
**RESIDENCE** Cost, \$7,500  
**MILLERAVE HIGHLANDS, San Mateo Co., Calif.**

Two-story frame and stucco residence (6 rooms, shake roof, hardwood floors, tile baths, hot air heating system).

Owner & Builder—J. M. Johnson.  
 Architect—Albert H. Larsen, 333 Kearny St.

**Constructing Temporarily Postponed**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO** Francisco Hts., Belmont Ave.

Two-story frame and stucco residence (6 rooms, 2 baths), wood sash, composition shingle roof, hardwood floors, tile baths.

Owner—F. A. Calmus, c/o Architect. Architect—Harold G. Stoner, 35 Vicente St., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost, \$9,500  
**REDWOOD CITY, San Mateo Co., Calif.** Woodacre Knolls, Lots 4 and 5, Block 3.

Two-story Monterey Colonial style residence (9 rooms, 2 baths), hardwood floors, tile roof, tile porch, tile baths, etc.

Owner—John Hansen, c/o Contractor. Architect—C. O. Clausen, 746 46th Ave., San Francisco.

**Contract Awarded**  
**RESIDENCE** Cost Pr., \$10,821  
**SACRAMENTO, Calif.** Wright & Kimbrough Tract, 46th St.

Two-story frame and stucco residence (4 rooms).  
 Owner—Joe Ostap.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

**Contractor—Lawrence Construction Co., 5372 N. High Ave., Sacramento.**  
 Complete bids follow:  
 Lawrence Constr. Co. \$10,821  
 W. E. Trumble ..... 11,119  
 M. R. Peterson ..... 11,159  
 Frank Maloney ..... 11,650  
 All of Sacramento.

**CONTRACT AWARDED**  
**HOLMBY HILLS, Los Angeles Co., Cal.**—Sidney W. Ryan, Rm. 205, 5504 Hollywood Blvd., Los Angeles, will build a 2-story, 17-room frame and brick veneer residence at 236 North Delfino Dr., Holmby Hills, for Ben Siegel; 8 bath, vinyl tile covering unit gas furnace heating system, 4 brick chimneys, tile roof, garage, asphalt concrete paving in motor yard, insulating. Est. cost, \$198,000.

**Revising Plans**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** Market and Mason

Two-story frame and stucco residence (12 rooms, 2 baths).  
 Owner—Hedberg Building Architects.  
 Architect—W. P. H. H., 537 Market Street.

Arch. Eng. Co., 537 Market Street, San Francisco.  
 Plans will be completed in about two weeks.

**Revising Plans**  
**RESIDENCE** Cost, \$.....  
**ROSS, Contra Costa Co., Calif.**

One-story frame and stucco fire-resisting residence (4 rooms, 2 baths).  
 Owner—H. J. H. Architects.  
 Architect—W. P. H. H., 537 Market St., San Francisco.

Arch. Eng. Co., 537 Market Street, San Francisco.  
 Plans will be completed in about three weeks.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**GALE AND, Alameda Co., Calif.** 5600  
 Walnut Drive.

One-story frame and stucco residence (5 rooms).  
 Owner—K. W. Stewart, 306 Lee St.  
 Architect—F. H. Slucombe, 412 Piedmont Ave., Oakland.

Contractor—H. T. Caskey, 4215 Carson St.

**PLANS BEING FIGURED**  
**BRENTWOOD, Los Angeles Co., Cal.**—Until Sept. 7, Architects Plummer, Wulfsberg & Becket, 1400 Pacific Finance Bldg., Los Angeles, are taking bids from a selected list of contractors for a 2-story, 14-room residence to be built on Fordyce Rd., Brentwood, for Mrs. Virginia Bruce Gilbert.

**Bids In—Held Under Advisement**  
**RESIDENCE**  
**LA GRANGE, Stanislaus Co., Calif.**  
 One-story frame and stucco ranch house (12 rooms), tile roof, steel sash, oil heating plant, etc.

Owner—J. C. Kassar, c/o Architect. Architect—G. N. Hilburn, 1211 K St., Modesto.

**15—SCHOOLS**

**Plans Being Figured—Close About September 10th**  
**SCHOOL** Cost, \$12,000  
**UPPER LAKE, Lake Co., Calif.**

One-story frame grammar school building (2 classrooms, library).  
 Owner—Upper Lake School District.  
 Architect—William H. Robertson Bldg., Santa Rosa.

Upper Lake Union School District voted bonds in the amount of \$12,000 to finance construction of school.  
 Following is partial list of contractors figuring plans:

A. O. Lightfoot, Upper Lake.  
 C. W. Hansen, P.O. Box 115, Santa Rosa.

D. Downs, Rt. 4, Box 226, Sebastopol.  
 R. S. Knight, Rt. 4, Box 662, Santa Rosa.

Allen F. Smith, 200 Sebastopol Avenue, Santa Rosa.

**Bids Wanted—To Close Sept. 10, 3 P. M.**  
**INDUSTRIAL ARTS BLDG**  
**HUNTINGTON BEACH, Orange Co., Calif.**

One-story steel frame industrial arts building (16 x 101 ft.) steel studs, metal lath and plaster exterior, wood wainscoting, and plaster interior, cement and wood floor, steel windows, sawtooth type mill construction roof, gas unit heating system.

Owner—Huntington Beach Union High School District.  
 Architect—Allison & Allison, 1014 Edison Bldg., Los Angeles.

Separate bids will be taken as follows: (1) general work; (2) heating and ventilating; (3) plumbing; and (4) electric work. Plans obtainable from the architect.

**NEW BIDS WANTED**  
**SOUTH SAN FRANCISCO, San Mateo Co., Cal.**—Until Sept. 22, 8 P. M., new bids will be received by the South San Francisco Unified School District for (1) painting the exterior surfaces of the main building of the South San Francisco High School;

(2) painting the exterior wood and steel sash frame and doors of the Technical Arts Bldg. and (3) painting all exterior door sash and frame of the New Annex Bldg.

Specifications may be obtained from the secretary of the Board of Education, Victor Ratko. Bids will be opened in the office of the High School and may be accompanied by

a 10% certified check.

Bids received August 18 were rejected because of irregularities.

**Preparing Working Drawings**  
**SCHOOL.** Est. Cost, \$19,091  
**FRUITRIDGE,** Sacramento Co., Cal.  
 One-story frame school building containing 14 classrooms and an assembly room with stage, lavatories, office, waiting room, nurse's room, teachers' room and kitchen; wooden roof trusses, stucco walls, shingle roof, direct radiation heating, floor area of 26,840 sq. ft.

**Owner—Fruitage School District.**  
**Architect—Charles Dean, City State Life Bldg., Sacramento.**

PWA allotted grant of \$45,091 and loan of \$60,000 to finance construction.

**Plans Approved**  
**SCHOOL.** Est. Cost, \$60,000  
**LOYALTON,** Sierra Co., Calif.  
 One-story frame school building (12 classrooms and assembly hall), concrete foundation, shingle roof.  
**Owner—Loyalton School District.**  
**Architect—W. E. Coffman, Forum Bldg., Sacramento.**

**Engineer—F. W. Kellberg, 320 Market St., San Francisco.**  
 Plans have been approved by the State Division of Architecture and bids will be asked in about one week.

**BIDS OPENED**  
**SANTA MARGARITA,** San Luis Obispo Co., Calif.—Kyle Roof Service, San Luis Obispo, at \$2,135, submitted low bid to the Santa Margarita Elementary School District (David W. Miller, Clerk), for roofing the Santa Margarita Elementary School.

Only other bid submitted by James Quagino, County Roof Service, San Luis Obispo, at \$2,210.

Bids held under advisement until August 30.

**Contract Awarded**  
**ADDITION.** Cont. Pr. \$6,480  
**PAJARO,** Monterey Co., Calif.

One classroom and arcade addition to the Pajaro School.  
**Owner—Pajaro Grammar Sch. Dist.**  
**Architect—Chas. E. Butner, 7 Winham St., Sallinas.**  
**Contractor—P. T. Wallstrum, Watsonville.**

**Funds Allotted**  
**SCHOOL.** Est. Cost, \$181,800  
**FORT BRAGG,** Mendocino Co., Calif.  
 One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices), steel trusses.  
**Owner—Fort Bragg Union High Sch. District.**

**Architect—W. E. Coffman, Forum Bldg., Sacramento.**  
**Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.**

PWA allotted grant in amount of \$81,110 to assist in financing.

**Completing Plans**  
**SCHOOL ADDITION.** Cost, \$8,000  
**SACRAMENTO CO., Calif.**  
 One-story frame and stucco addition to Arcade Grammar School.  
**Owner—Arcade Elementary School District.**

**Architect—Harry J. Devine, Cronan Bldg., Sacramento.**

Plans will be completed and bids asked in about one week.

**Funds Allotted**  
**GYM & POOL.** Est. Cost, \$125,455  
**WATSONVILLE,** Santa Cruz Co., Cal.  
 One-story reinforced concrete gym (to house manual training shop, boys' room, boys' and girls' shower and dressing rooms, locker and practice rooms, etc.) and pool.

**Owner—Watsonville Un. High School District.**

**Architect—Harold H. Weeks, 593 Market St., San Francisco.**  
 PWA has allotted grant in amount of \$56,455 to assist in financing.

**CONTRACT AWARDED**  
**MARYSVILLE,** Yuba Co., Calif.—W. D. Salts, 641 Forbes St., Yuba City, at \$15,520 awarded contract by the Ella Elementary School District, W. G. Taylor, Clerk, for construction of a one-room addition to the present school house in the Olivehurst District of Yuba County.

**Funds Allotted**  
**ADDITION.** Est. Cost, \$242,380  
**CAMPBELL,** Santa Clara Co., Calif.  
 Addition of school auditorium and gymnasium to high school.  
**Owner—Campbell Union High School District.**

**Architect—Harold H. Weeks, 593 Market St., San Francisco.**  
 PWA has allotted grant in amount of \$109,071 to assist in financing.

**Funds Allotted**  
**SCHOOL BLDGS.** Est. Cost, \$85,000  
**SANTA CLARA,** Santa Clara Co. Cal.  
 Santa Clara High School.  
 Gymnasium (127x100-ft.) to seat from 750 to 900; shop, garage, equip., etc.

**Owner—Santa Clara High School District (S. J. Brainerd, Principal).**  
**Architect—Harold H. Weeks, 593 Market St., San Francisco.**

PWA has allotted grant in amount of \$38,250 to assist in financing.

**Bids Opened**  
**GYMNASIUM**  
**DAVIS,** Yolo County, Calif.

New gymnasium building to replace one destroyed by fire last New Year's, to include two laboratory rooms, combination band room and stage, gym, locker rooms, shower rooms, etc., and three-classroom wing addition to main school building.

**Owner—Davis Joint Union High Sch. District (I Homer H. Cornick, Principal).**

**Architect—Starks & Flanders, Bank of America Bldg., Sacramento.**  
**Low Bidder—W. C. Keating, 1121 24th St., Sacramento—\$80,500**  
 Complete bids follow:

	Alt.	Ded.
W. C. Keating	\$80,500	\$2250
Lawrence Constr. Co.	80,811	2240
Otto Steinhrenner	81,470	2518
M. R. Peterson	82,111	2244
H. W. Robertson	84,422	2400
Chas. F. Utger	84,787	2250
Holdener Constr.	85,261	2350
Landgren & Swinerton	85,437	2150
L. F. Gould	86,000	2380
J. C. Meyers, Stockton	93,277	2200

All of Sacramento, unless otherwise noted.  
 Bids ran high and are being held under advisement.

**LOW BIDDER**  
**LOS ANGELES,** Cal.—H. B. Nicholson, 438 Chamber of Commerce Bldg., submitted low bid to Los Angeles Board of Education at \$59,499 for strengthening and reconstruction of the main building at the Raymond Avenue school in accordance with plans prepared by Architect Harold S. Johnson, 1001 Architects' Bldg.

**Completing Working Drawings**  
**ASSEMBLY HALL.** Est. Cost, \$30,000  
**COURTLAND,** Sacramento Co., Calif.  
 One-story frame and stucco assembly building, with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.

**Owner—Courtland Joint Union High School District.**

**Architect—Charles F. Dean, California State Life Bldg., Sacramento.**  
**Engineer—F. W. Kellberg, 320 Market St., San Francisco.**

**Funds Allotted**  
**SCHOOL ADDITION.** Est. Cost, \$29,545  
**KERN CO., Calif., Pondham.**

One-story frame and stucco addition to the Pondham School, consisting of two classrooms and cafeteria.

**Owner—Pondham School District.**  
**Architect—Frank Wynkoop, 313 Haberfelde Bldg., Bakersfield.**  
**Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.**

Plans are completed and PWA allotted grant in the amount \$13,295, to assist in financing.

**CONTRACT AWARDED**  
**KERN CO., Calif.—L. H. Hansen & Son, 334 Safford St., Fresno,** awarded contract by Mountain View School District, at \$73,200, for erecting a classroom addition to the Mountain View School in Kern county. Chas. H. Biggar, architect, 554 Haberfelde Bldg., Bakersfield.

**PLANS BEING FIGURED**  
**EAGLE ROCK,** Los Angeles Co., Calif.—Until Sept. 14, Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, are taking general contract bids from a closed selected list of contractors for the Wilber Thorne Hall to be built at Occidental College, Eagle Rock. General contract does not include the mechanical work, floor covering, seating, light fixtures, curtains, or landscape work. E. Ellingwood is the mechanical engineer.

**Completing Plans**  
**AUDITORIUM.** Est. Cost, \$120,000  
**KING CITY,** Monterey Co., Calif.  
 New High School Auditorium building; stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1,000, foyer, toilet facilities, closets, check room, ticket room, etc.  
**Owner—King City High School District.**  
**Architect—Robert Stanton, Hotel Dei Monte, Del Monte.**

Plans will be completed in about one week.  
 PWA allotted grant in the amount of \$54,000, Docket No. 1591, to assist in financing.

**CONTRACTS AWARDED**  
**FILMORE,** Ventura Co., Calif.—The Fillmore Union High School District has authorized Architects John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles, to award contracts for construction of a science building and a new high school building in Filmore, as follows: General contract, Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, at \$147,729, less \$300 for monolithic finish and \$1513 for omission of finish in rooms 207 and 210; plumbing, H. A. Bave, 228 W. Main St., Santa Paula, at \$86,851; electric wiring, Seaside Elec. Co., 97 S. Oak St., Ventura, at \$4275, less \$38 for omission of work in rooms 207 and 210; painting, Wm. Gelfan, 646 S. La Brea, Los Angeles, at \$680, less \$100 for omission of painting of all plastered surface, and \$80 for omission of work in rooms 207 and 210. Bids for heating and cooling were rejected. Plans will be revised and new bids asked later.

**Contracts Awarded**  
**ADDITION**  
**CHOWCHILLA,** Madera Co., Calif.  
 One-story frame and stucco addition (assembly hall to seat 400, and two classrooms), wood shingle roof, etc.; repairs to the present building, new toilet facilities, etc.



Owner—Chowchilla Grammar School District.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
**General Work**—Frehwitt-Shields and Fisher, Pacific Southwest Bldg., Fresno—\$35,769.  
**Mechanical Work**—Art Stadille, 801 West Yosemite, Madera—\$1,554.  
**Plumbing**—Sanitary Plumbing Co., P.O. Box 937, Merced—\$939.

**Plans Completed**  
**SCHOOL** Est. Cost, \$12,000  
**FIREBAUGH**, Fresno Co., Calif.  
 One-story frame and stucco school building (2 classrooms), composition roof, acoridian doors.  
 Owner—Firebaugh Grammar School District.  
 Architect—Edw. Glass, Mattei Bldg., Fresno.  
**Structural Engineer**—F. W. Kellberg, 320 Market St., San Francisco.  
 Bids will be asked shortly.

**Funds Allotted**  
**SCHOOL** Est. Cost, \$36,364  
**STEVENSON**, Merced Co., Calif.  
 One-story frame and stucco school building, concrete foundations, corridors, floors and toilet room fixtures; four classrooms, activity classroom and assembly with stage, office and toilet facilities; wood roof with tile covering, metal lath or gypsum wall board interior.  
 Owner—Merquin Union School Dist., Merced Co.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
**Structural Engineer**—F. W. Kellberg, 320 Market St., San Francisco.  
 Working drawings are now being completed.  
 PWA allotted funds in the amount of \$36,364, including grant of \$16,364, and loan of \$20,000, to finance work.

**Funds Allotted**  
**ALTERATIONS & ADDITIONS** Est. Cost, \$121,206  
**CASTI E ROCK**, Wash.  
 Two-story brick veneered frame building (148 x 83 ft.), with two-story wing (60 x 100 ft.); remodel and repair existing grade and high school buildings.  
 Owner—Castle Rock Consolidated School District No. 132, Coville County.  
 Architect—Donald J. Stewart, 707 1/2 Main St., Vancouver.

**Bids Opened**  
**SCHOOL ADDITION**  
**NEAR SACRAMENTO**, Calif. Sylvan Grammar School.  
 Three-room frame and brick veneer addition to school, electric heating system, shingle roof.  
 Owner—Sylvan Elementary School District.  
 Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
**Engineer**—F. W. Kellberg, 320 Market St., San Francisco.  
 Low Bidder—L. F. Gould, 1623 O St., Sacramento—\$14,813.

Complete bids follow:  
 I. F. Gould, Sacto. . . . . \$14,813  
 Lawrence Const. Co. . . . . 15,248  
 L. L. Watson . . . . . 15,450  
 H. W. Robertson . . . . . 15,596  
 M. R. Peterson . . . . . 15,995  
 Otto Steinhilbrenner . . . . . 16,450  
 Bids held under advisement.

**Completing Plans**  
**SCHOOL** Est. Cost, \$65,000  
**KEPN CO**, Calif. 5 miles west of Shafter.  
 One-story frame and stucco school (5 classrooms, auditorium, shop and cafeteria), tile and metal roof, gas floor furnaces, maple floors, wood sash.  
 Owner—Maple School District.  
 Architect—Perrine & Mackie, Her-

bert E. Mackie, Architect, 908 Western Pac. Bldg., Los Angeles.  
 Plans will go to the State Architect about Sept. 10.

**Funds Allotted**  
**SCHOOL BUILDING** Est. Cost, \$153,225  
**PORTERVILLE**, Tulare Co., Calif.  
 New High School (7 classrooms, library, administrative offices, 6 special rooms, sewing, domestic science, manual training and music rooms), reinforced concrete construction.  
 Owner—Porterville Union High Sch. District.  
 Architect—W. D. Coates, Rowell Bldg., Fresno.  
**Structural Engineer**—F. W. Kellberg, 320 Market St., San Francisco.  
 Plans are completed and PWA allotted grant in the amount of \$68,951 to assist in financing.

**Complete Bids**  
**ADDITION** Cont. Pr., \$35,769  
**CHOWCHILLA**, Banderia Co., Calif.  
 One-story frame and stucco addition to Wilson School (assembly hall to seat 300, and two classrooms), wood shingle roof, etc.; repairs to the present building; new toilet facilities, etc.  
 Owner—Chowchilla Grammar School District.  
 Architect—Frederick L. Swartz, Brix Bldg., Fresno.  
 Contractor—Frehwitt - Shields & Fisher, Pacific Southwest Bldg., Fresno.

**GENERAL CONTRACT**  
 Frehwitt-Shields & Fisher,  
 Fresno . . . . . \$25,769  
 Limer & Allen . . . . . 26,619  
 Hodgson & Sons . . . . . 26,670  
 R. W. Brown Constr. Co. . . . . 26,819  
 W. J. Ochs . . . . . 27,059  
 L. H. Hansen & Son . . . . . 29,433  
 Midstate Constr. Co. . . . . 29,647

**MECHANICAL WORK**  
 Art Stadille, Madera . . . . . 1,554  
 Sanitary Plumbing Co. . . . . 1,721  
 Warburton Plumbing Co. . . . . 1,745  
**PLUMBING**  
 Sanitary Plumbing Co., Merced . . . . . 939

**CONTRACT AWARDED**  
**PALOS VERDES HILLS**, Calif.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded contract for construction of a boarding school on a 25-acre site in the Palos Verdes Hills for Joseph H. Chadwick, 1305 Meyer St., San Polpo. Berge M. Clark and David B. Clark, architects, 210 University Ave., Palo Alto.

**Plans Completed**  
**SCHOOL** Est. Cost, \$120,000  
**EAST BAKERSFIELD**, Kern Co., Calif.  
 New junior high school, consisting of a two-story and basement, class A classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and wood frame roofing, steam heat.  
 Owner—Kern County Union High School District.  
 Architect—Chas. H. Biggar, 554 Harborville Bldg., Bakersfield.  
**Structural Engineer**—Mark Falk, 908 Washington Bldg., Los Angeles.  
 Plans have been submitted to the State Architect for checking and bids are expected to be advertised shortly.

**Plans Completed**  
**SCHOOL** Est. Cost, \$7,500  
**KERN CO**, Calif.  
 One-story Class A reinforced concrete classroom building.  
 Owner—Palms S. I. of District  
 Architect—Frehwitt & Kump, Harborville Bldg., Bakersfield.

**Structural Engineer**—Mark Falk, Washington Bldg., Los Angeles.  
 Plans have been submitted to the state architect for checking.

**FUNDS ALLOTTED**  
**ADDITION** Est. Cost, \$40,000  
**PLACERVILLE**, Eldorado Co., Calif.  
 Cottage and Union Streets.  
 Two-story addition (2 classrooms, manual training rooms and assembly hall) to present building and addition to boiler capacity.  
 Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
 Architect—Jens Petersen, 812 26th St., Sacramento.  
 Plans are completed and PWA allotted grant in the amount of \$18,000 Docket No. 1063 to assist in financing.

**CONTRACT AWARDED**  
**FRESNO**, Calif.—Wessel Electric Co., 1751 Balch Ave., Fresno, at \$1,960, submitted low bids and was awarded contract for installing new feeders and switchboard in the Washington Junior High School.  
 Complete bids follow:  
 Wessel Electric Co. . . . . \$1,960.00  
 Fresno Electric Co. . . . . 1,962.00  
 Snider Electric Co. . . . . 2,184.73  
 Electric Constr. Co. . . . . 2,324.00  
 Robinson Electric Co. . . . . 2,250.00  
 Inland Light Co. . . . . 2,292.75  
 All of Fresno

**Revising Plans**  
**SCHOOL ADDN.** Est. Cost, \$60,000  
**WASCO**, Kern Co., Calif. Wasco Grammar School.

Two-classrooms, cafeteria and toilet building of reinf. con. construction, with tile and metal roof, steam heating system.  
 Owner—Wasco Grammar School District.  
 Architect—Perrine & Mackie; Herbert E. Mackie, Architect, Western Pacific Bldg., Los Angeles.  
 Bid will probably be asked about Sept. 15.

**16—BANKS, STORES AND OFFICES**

**Sub-Contracts Awarded**  
**SITOP** Cost, \$6,500  
**SAN FRANCISCO** 270 Fremont St.  
 One-story Class C shop building.  
 Owner—E. B. Ward, 270 Fremont St.  
 Architect—W. P. Dav and H. M. Mischelson, Financial Center Bldg.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
**Excavation**—L. Devincenzi, 118 Blake Street.  
**Steel Sash**—Michel & Pfeffer Iron Works, 10th and Harrison Sts.  
**Reinforcing Steel**—Truscon Steel Co., 601 Mission St.  
**Placing Reinf. Steel**—J. Philip Murphy, 3901 Mission Street.  
**Concrete**—John Cassaretto, Sixth and Channel Sts.  
**Lumber**—Christensen Lbr. Co., Quint and Evans Sts.  
**Plumbing**—A. Ramazzotti, 1473 Valbuena Street.  
**Misc.**—Iron—Kortick Mfg. Co., 335 1st Street.

**PREPARING SKETCHES**  
**LOS ANGELES**, Cal. Architect P. R. Williams, 3829 Wilshire Blvd., Lester G. Scherer, a scenic architect, 5575 Sunset Blvd., have prepared sketches for a 12-story Class A bldg. to be built in Hollywood for a company represented by J. Von Hoas, 1019 W. Pico Blvd. One of the sites under consideration is located on Sunset Blvd. between Argyle and El Centro. It is a 100-ft. building will contain a 2500 seat theater, broadcast studio, and office.

**CONTRACT AWARDED**

SAN BERNARDINO, Kern Co., Cal.—Harman & So., 5341 San Fernando Road, Glendale, awarded contract at approximately \$59,000 for the construction of a one-story brick and reinforced concrete store building (60 x 270 ft.) at 440 "E" St., San Bernardino, for Allied Properties; J. J. Newberry Co., lessee. Nordstrom & Anderson, architects, 424 Insurance Exchange Bldg., Los Angeles.

**Plans Completed**

MARKET BLDG. Cost, \$.....  
SAN FRANCISCO. Lakeside District.

Two-story frame and stucco market building.

Owner—Withheld.  
Architect—Harold G. Stoner, 35 Vicente St.

Preliminary estimates are now being taken.

**Sub Contracts Awarded**

STORE BLDG. Cost, \$4,600  
SANTA ROSA, Sonoma Co., Calif. A Street.

One-story reinforced concrete store building (32 x 80 ft.).

Owner—Fred Gemethl.  
Architect—William Herbert, Rosenberg Bldg., Santa Rosa.

Contractor—C. W. Hansen, P.O. Box 115, Santa Rosa.

Roofing—C. D. Roberts, 432 Third St.  
Plumbing—Geo. Mitchell, 513 Third St.

Electric Wiring—Karl F. Stolling, 1067 Fourth St.

Sheet Metal—D. E. Metzgers, 898 4th St.

Tile Work—W. H. Moody, 629 Fifth St.

Glass, Lumber & Mill—Henry Laws, 8th and Wilson.

Brick, Stone & Hollow Tile—D. Lancina, Rt. 2, Box 367.

Hardware—Dixon Hardware Co., 425 4th St.

Painting—C. W. Sullberg & Son, Rt. 1, Box 19

Lathing & Plastering—Paul Lindau, 533 Humboldt St.  
All of Santa Rosa.

**Sub-Contracts Awarded**

BANK Cost, \$28,000  
SAN FRANCISCO. SE Clement and Seventh Avenue.

New bank building.  
Owner—American Trust Co., 464 California Street.

Plans by W. W. Harper, c/o Contractor.

Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

Reinforcing Steel and Mesh—W. C. Hauck & Co., 280 San Bruno Ave.

Plumbing—E. Sugarman, 3624 Geary.  
Sheet Metal—Guilfooy Cornice Works, 1234 Howard St.

Roofing and Vault Dampproofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St.

Glass and Mirrors—Habenicht and Howlett, 529 Clay St.

Bronze Entrance and Grilles—Monarch Iron Works, 262 7th St.

Tile Work—Mangrum-Holbrook Co., 301 Golden Gate St.

Painting and Decorating—A. E. Gordon Painting Co., 141 Morris St.

Stairs and Railings—Peirano & Drew, 445 Bayshore Blvd.

Lathing and Plastering—Peter Bradley, 639 Brannan St.

Electric Work and Fixtures—Central Electric Co., 179 Minna St.

Steel Sash—Detroit Steel Products Co., 111 Sutter St.

Lumber—Christensen Lumber Company, Quint and Evans Ave.

**PREPARING PLANS**

LOS ANGELES, Calif.—Architects A. R. Walker, and P. A. Elsen, 708 Pacific Commerce Bldg., 437 S Hill St., are preparing plans for remodeling a 4-story and basement building

at 337-35 S. Broadway, for Walter Lion, department store operator.

**Completing Plans**

ALTERATIONS Cost, \$.....  
SAN FRANCISCO. 536-42 Howard St.  
Reduce 165-ft. bldg. 50-ft. in length

and add one story to present 2-story building.

Owner—L. & E. Emanuel, Inc.  
Structural Engineer—Albert P. Fisher, 111 Sutter St.

**Owner Now Taking Bids**

ONE BLDG. Cost, \$3,500  
SAN FRANCISCO. 15th Ave. and

15th St.

One-story frame and stucco store building, with structural glass front.

Owner—Mike Demenio, 3798 Mission Street.

Architect—D. E. Jaekle, 126 Post St.

**Sub Contracts Awarded**

STORE ADDN. Cost, \$10,000  
FRESNO, Fresno Co., Cal. 932 Van Ness Ave.

Addition to store building.  
Owner—T. J. Buford, 932 Van Ness Ave., Fresno.

Architect—Not Given.  
Contractor—K. R. Smith, 423 Cortland Ave., Fresno.

Plumbing—B. A. Newman Co., 320 North H Street.

Electric Wiring—Robinson Electric, 136 N. Van Ness Ave.

Sheet Metal—Fulton Sheet Metal Works, 312 N. H St.

Glass—Fresno Glass Co., 1314 Broadway.

Iron Grille Work and Steel Rolling Doors—Kyle & Co., 346 G St.

Brick and Stone Work—Peller & Howard, 829 Carmen Ave.

Lumber—Willard Lumber & Supply Co., 2021 H St.

Mill Work—Hollenbeck Bush Planing Mill Co., S. Van Ness and Lorena.

Painting—Louis Petersen, 3455 Mono Ave.

Lathing and Plastering—W. E. Smart, 3520 Illinois St.

Elevator—Otis Elevator, 931 Van Ness Ave.  
All of Fresno.

**Sub Contracts Awarded**

ALTER STORE Cost, \$13,000  
SAN FRANCISCO. NW Jackson and Van Ness Ave.

Alter store building.

Owner—Wm. D. McCann, 404 Post St.  
Contractor—Barrett & Hilp, 918 Harrison St.

Mill—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Plumbing & Heating—Dowd-Welch, 3516 16th St.

Stairs—Peirano & Drew, 445 Bayshore Blvd.

Masonry—Wm. A. Rainey & Son, 323 Clementina St.

Electric Work—Delatour Electric Co., 321 Peoria St.

**17—THEATRES****CONTRACT AWARDED**

SAN CLEMENTE, Orange Co., Cal.—Strang Bros. Const. Co., 212 Calle Marina, San Clemente, awarded contract for construction of a theater

600-125-ft., in San Clemente for the Capital Co., Pacific States Theaters, lessees. C. A. Batch, architect, 1914 S. Vermont Ave., Los Angeles.

Contractor—Strang Bros. Const. Co., 212 Calle Marina, San Clemente.

**BIDS WANTED**

RIVERSIDE, Riverside Co., Cal.—Until Sept. 7, 7:30 P. M., bids will be received by the Riverside Board

of Education for a theater stage switchboard complete with dimmers, switches and magazine panel. Specifications are on file at the business office of the board, 3450 9th Street, Riverside.

**PLANS BEING FIGURED**

PORTERVILLE, Tulare Co., Calif.—Until Sept. 7, 1935, Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, is taking new general bids for converting an existing store bldg.

at 210 Mill St., Porterville, into a theater for Principal Theaters, Inc. Separate bids will be taken later for heating and venting, electrical wiring and fixtures, decorating marquee and vertical signs. The following contractors will submit bids: Calhoun-Hastings, 1150 N Las Palmas Ave., Los Angeles; A. V. Perkinson, 3975 S. Vermont Ave., Los Angeles; Robert E. Missap, 437 S Hill St., Los Angeles; Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno.

Contractor—Principal Theaters, Inc., 1150 N Las Palmas Ave., Los Angeles.

Architect—C. A. Balch, 1914 S. Vermont Ave., Los Angeles.

Contractor—Calhoun-Hastings, 1150 N Las Palmas Ave., Los Angeles.

Contractor—A. V. Perkinson, 3975 S. Vermont Ave., Los Angeles.

Contractor—Robert E. Missap, 437 S Hill St., Los Angeles.

Contractor—Midstate Const. Co., 501 Pacific Southwest Bldg., Fresno.

**PLANS BEING FIGURED**

SHERMAN OAKS, Los Angeles Co., Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., is taking bids for a selected list of contractors for a new reinforced concrete theater bldg.

100x150 ft. in area, to be built on the SW corner of Ventura Blvd. and Cedros Ave., Sherman Oaks, for Fox West-Coast Theaters. The following will submit bids: Ferguson & Hollingsworth Co., 507 S. Lorena; W. Perkinson, 3975 S. Vermont Ave.; Al Matson, 219 S Commercial, Inglewood; W. J. Distel, 1284 Rideley Dr.; C. W. Driver, 111 W 17th St.

Contractor—Ferguson & Hollingsworth Co., 507 S. Lorena.

Contractor—W. Perkinson, 3975 S. Vermont Ave.

Contractor—Al Matson, 219 S Commercial, Inglewood.

Contractor—W. J. Distel, 1284 Rideley Dr.

Contractor—C. W. Driver, 111 W 17th St.

**18—WHARVES & DOCKS**

Sub-Contracts Awarded  
WHARF & BLDG. Cont. Fr., \$90,184  
SAN FRANCISCO. Piers 35 and 37.

Connecting wharf and timber frame building at Piers 35 and 37 to be constructed on jacketed pile foundations, asphaltic pavement

on timber decks, composition roof steel rolling doors, electrical work. All work included in general contract.

Owner—State of California (Board of Harbor Commissioners), Ferry Building.

Engineer—Frank G. White, Ferry Building.

Contractor—Monson Bros., 475 Sixth Street.

Painting—D. E. Burgess, 282 7th St.  
Steel Rolling Doors—Kinneer Mfg. Co., 361 Brannan St.

Lathing and Plastering—Peter Bradley, 639 Brannan St.

Glass—W. P. Fuller & Co., 301 Mission St.

Sub-Contracts previously awarded published July 26.

Contract Awarded  
STORAGE SHED Cont. Fr., \$39,877  
SAN FRANCISCO. Waterfront; Sea Wall, Lot 29.

Remove existing structures and construct a timber frame storage shed (32,000 sq. ft. floor space), corrugated iron sides, composition flat roof, steel sash.

Owner—State of California (Board of Harbor Commissioners), Ferry Bldg.

Engineer—Frank G. White, Ferry Bldg.

Contractor—Leo Epp, 4745 Geary St., San Francisco.

Complete bids follow:  
Leo Epp..... \$39,877

Fred J. Early, Jr..... 41,769

Monson Bros..... 41,922

F C Amoroso & Sons..... 43,859

Frank J. Reilly Co..... 45,731

**19—MISC. CONSTRUCTION**

BIDS WANTED  
SACRAMENTO, Calif.—Until September 30, 10:30 a.m., bids will be received by the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Proving Ground, San Francisco, under C.P. Form 38-34, for installing subterranean cable at the Sacramento Air

**Depot, Sacramento**

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until September 30, 10 a. m., bids will be received by the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio, San Francisco, under C.P. No. 1084-S-38-2, for installing a telephone conduit system at the Sacramento Air Depot.

Plans and specifications may be obtained at the above office.

**BIDS WANTED 4**

- LOS ANGELES, Cal.**—Until Sept. 10, 2 p. m., bids will be received by Los Angeles Water & Power Commission for furnishing and laying paper-insulated, lead-covered cable; Spec. No. 2403. Bids will be taken on:
- (1) 500,000 ft. 1,000,000 CM, 1-conductor, 600-volt, lead-covered cable;
  - (2) 10,000 ft. 500,000 CM do.;
  - (3) 30,000 ft. 4/0 AWG do.;
  - (4) 20,000 ft. 1/0 AWG do.;
  - (5) 50,000 ft. No. 4 AWG do.;
  - (6) 5,000 ft. No. 6 AWG do.;
  - (7) 1,500 ft. No. 2/0 AWG, 1-conductor, 5000-volt do.;
  - (8) 7,970 ft. 500,000 CM, 3-conductor do.;
  - (9) 7,100 ft. 500,000 CM, 3-conductor do.;
  - (10) 10,000 ft. No. 2/0 AWG, 3-conductor do.

**BIDS OPENED**

**PORTLAND, Oregon.**—King Bros., Portland, Oregon, at \$1,835, submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under Bid No. 698-38-66, for repairing the U. S. pipeline dredge "Multnomah." Estimated cost, \$2,421.75.

**Total bids follow:**

King Bros., Portland, Ore. .... \$1,835.00  
Commercial Iron Works ..... 2,973.00  
Portland ..... 1,575.00  
The Smith Corp., dba General Iron & Steel Works, Portland ..... 3,114.40

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Sept. 5, 10 a. m., bids will be received by Los Angeles Harbor Department, Los Angeles, for work boat, 40 ft. long, propelled by two diesel engine power units, each 110-hp. Spec. 971.

**CONTRACT AWARDED**

**OLYMPIA, Thurston Co., Wash.**—E. C. Gaynor Co., Sioux City, Iowa, at \$6.00 to \$6.25 per foot (prices depending upon point of delivery), was awarded contract by H. D. Vao Easton, Supervisor, State Purchasing Division, Olympia, for constructing 95,000 ft. of snow fence.

Delivery points: Ellensburg, Wenatchee, Walla Walla, Colfax and Pasco.  
Gaynor Co. will install machinery at point near Spokane to make up fencing.

**BIDS OPENED**

**HICKAM FIELD, T. H.**—Chester R. Clarke, Honolulu, at \$290,655, submitted low bid to the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W-397-38-3, for the construction and completion of concrete warming-up aprons, Hickam Field, T. H.

**Work involved:**

- (1) Job complete;
- (2) Deductions—Alternate. Excavation, grading and paving area line 48+1.64 and line 47+6.4, betw. Range 22+50 and Range 27+30 shown on drawing 397-2733, Sheet 10.

Robert E. McKee, 1128 Central Bldg. Los Angeles, at \$357,100 (Item 1) and \$11,700 (Item 2), submitted the only bids to the Constructing Quartermaster, Fort Mason, San

Francisco.

Complete bids will be published shortly.

**CONTRACT AWARDED**

**LEBEC, Kern County, Cal.**—D. A. Loomis, Glendale, at \$15,407 awarded contract by the State Division of Architecture, Geo. E. McDougall, State Architect, Public Works Building, 12th and N. Sts., Sacramento, for construction of a truck weighing station near Lebec. Work will consist of one-story frame weighing house, one-story frame pump house, scale pit, concrete scale platform, water well, and other miscellaneous work.

Complete bids published Aug. 19

**Sub Contracts Awarded****ALTERATIONS & ADDITIONS**

Est. Cost, \$25,000  
**BAY MEADOWS, San Mateo Co., Cal.**  
Alterations and additions to Bay Meadows clubhouse; extend first floor of clubhouse on the north to the end wall of the grandstand, with runway beneath for passage to paddock; additional box seats, mutual windows, and lockers.

Owner—(California Jockey Club (Wm. P. Kyne, General Manager), Structural Engineer—W. Adrian, 417 Market St., San Francisco.  
Contractor—Cahill Bros., 209 Sansome St., San Francisco.  
Structural Steel—Bethlehem Steel Co., 20th and Illinois.  
Reinforcing Steel—Soule Steel Company, 1750 Army St.  
Steel Sash—Detroit Steel Products Co., 111 Sutter St.  
Lumber—Loop Lumber Co., Central Basin.  
All of San Francisco.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Hutchinson Co., 639 17th St., Oakland, at \$39,970 (Item 1) and Basalt Rock Co., Inc., 909 Eighth St., Napa, at \$32,542 (Item 2A) and \$35,340 (Item 2B), submitted bids for L. B. Chambers, District Engineer, 205 Post Office Bldg., Sacramento, under Proposal No. 1165-3-28, for furnishing 37,400 tons of riprap stone at various points along the Sacramento River, Steamboat Slough and Three-Mile Slough.

1) 22,100 tons riprap stone delivered to the contractor by barge or by truck at site of bank protection work in the Sacramento River, Steamboat Slough, and Three-Mile Slough at or between the following points:

- (a) 5000 tons Steamboat Slough at Mile 17.0.
- (b) 2000 tons Three-Mile Slough at end of highway bridge.
- (c) 700 tons Sacramento River between Mile 15.0 and Mile 20.0.
- (d) 8000 tons Sacramento River between Mile 20.0 and Mile 50.0.
- (e) 2000 tons Sacramento River between Mile 50.0 and 1 Mile east of street bridge, Sacramento.

2A) 17,900 tons riprap stone delivered to the contractor by trucks at the following points:

- (a) 5000 tons Steamboat Slough at Mile 17.0.
- (b) 2000 tons Three-Mile Slough at end of highway bridge.
- (c) 1000 tons Robbina;
- (d) 6000 tons Three-Mile Landing;
- (e) 700 tons Steamboat Slough.

2B) 17,900 tons riprap stone delivered to the contractor by barge or by truck at the following points: (a) 5000 tons Steamboat Slough at Mile 17.0; (b) 2000 tons Three-Mile Slough at end of highway bridge; (c) 1000 tons Robbina; (d) 6000 tons Three-Mile Landing; (e) 700 tons Steamboat Slough.

and Mile 136.0;

- (d) 1000 tons bet. Mile 136.0 and Mile 145.0;
- (e) 500 tons bet. Mile 148.0 and Mile 154.5;
- 2) On easterly side of river:
  - (a) 600 tons bet. Mile 85.0 and Mile 95.0;
  - (b) 1100 tons bet. Mile 95.0 and Mile 105.0;
  - (c) 1000 tons bet. Mile 95.0 and Mile 105.0;
  - (d) 800 tons bet. Mile 125.0 and Mile 134.0

Item 2-B is an Alternate for Item 2-A; i. e., award will be made on only one of items.

Total bids follow

Hutchinson Co., 329 17th St., Oakland—(1) \$39,970, (2A) —, (2B) —,  
Basalt Rock Co., Inc., 909 8th St., Napa—(1) \$42,970, (2A) \$32,542, (2B) \$35,340.

Blake Bros., San Francisco—(1) \$12,025, (2A) —, (2B) —,  
Lord & Bishop, Sacramento—(1) \$51,935, (2A) \$36,270, (2B) \$39,015.

Daniel Contracting Co., San Francisco—(1) \$35,172, (2A) —, (2B) —.

**BIDS WANTED**

**RIVERTON PROJ., Wyo.**—Until Sept. 14, 10 a. m., bids will be received by the U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Riverton, Wyoming, under Spec. No. 967-D, for the preparation and stockpiling of concrete aggregates, Riverton Project.

Work involves:

- (1) 7,000 cu. y. stripping gravel deposits
- (2) preparing and stockpiling 16,500 cu. y. of sand and gravel.

Plans and specifications may be obtained from the above office.

**Preparing Plans**

**GRANDSTAND** Est. Cost, \$18,000  
**EUREKA, Humboldt Co., Calif.**  
Timber grandstand on the grounds of the Humboldt County Fair.  
Owner—Humboldt County Fair Assn., Architect—Newton Ackerman, 4th & Commercial Sts., Eureka.  
Structural Engineer—W. H. Ellison, 821 Market St., San Francisco.

**BIDS WANTED**

**ALTURAS, Modoc Co., Calif.**—Until September 14, 10 a. m., bids will be received by the Surprise Valley Electrification Corporation, Allan Sicker, Engineer, Room 11, Bell Building, Alturas, for the construction of a 900-hp.-per diesel electric generating plant for Surprise Valley Electrification Corp., Alturas.

Plans and specifications may be obtained at the above office.

**CONTRACT AWARDED**

**JEWELL, Chatsop Co., Ore.**—J. B. Miller, Oregon City, at \$60,458.20 was awarded contract by D. C. Owner, Nehalem Valley Cooperative Electrical Assn., Jewell, for about 54 miles 110-volt, 2-wire lines extending from Clincy to Jewell from Jewell to Veepier and from Jewell to Elsie.

**CONTRACT AWARDED**

**MODON AND LARSEN COS., Cal.**  
Public Works Bureau, 1000 Broadway, Portland, Oregon, at \$28,423.34, was awarded contract by the Chief Engineer, Alan Sicker, Surprise Valley Electrification Corporation, Alturas, for about 100 miles of about 250-volt, 2-wire transmission and distribution line.

**PREPARING PRELIMINARY PLANS**

**WILMINGTON, W. Va.**  
Grant & Pender, 607 First St., Bldg. 100, New York, at \$100,000, was awarded contract by the Chief Engineer, Walter H. Williams, for the construction of the Wilmington, for the Highfield Oil Co., C. F. Braun & Co.,

Alhambra, have contract for the construction of refinery.

#### CONTRACT AWARDED

MENDOCINO COUNTY, Calif.—E. E. Murray, Rt. 1, Box 770, Modesto, at \$29.50 per acre submitted the low bid to Ohm & Raab, 109 E. Weber Ave., Stockton, for Robert S. Odell Co., for ditching and checking either 58.6 acres or 84.1 acres of land for alfalfa culture in Potter Valley, Mendocino County.

Guerin Bros., San Francisco, at \$106 per acre, submitted only other bid.

#### BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until Sept. 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a maintenance station building and appurtenances on Folsom Blvd. between 64th and 65th Sts.

Work involves:

- (1) 1 lot maintenance station and appurtenances;
- (2) 100 l.f. industrial fence;
- (3) 169 l.f. lawn fence;
- (4) 1 3-ft. lawn fence gate;
- (5) 20 c.y. Portland cement concrete curb.

Plans and specifications obtainable at the above office.

#### BIDS OPENED

INDEPENDENCE, Polk Co., Ore.—Harold Blake, Portland, Ore., at \$28,310, submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under Bid No. 698-38-56, for the construction of experimental sections of asphalt bound river bank revetment with riprap, on the Willamette River, 1 1/2 miles below Independence, Ore. Estimated cost, \$12,887.

Total bids follow:

Harold Blake, Portland, Oregon	\$28,310
Warren Northwest Inc., Portland	29,560
United Contracting Co., Portland	30,805
Juplin & Eldon, Portland	35,585

#### BIDS WANTED

FORT McDOWELL, Calif.—Until September 21, 3 p.m., bids will be received by the Quartermaster, Fort McDowell, Angel Island, California, under Bid No. 536-38-4, for drydocking, cleaning, painting and repairing the U. S. Army Launch Q-9.

Plans and specifications may be obtained from the above office.

#### Planned

EXHIBIT BLDG. Cost, \$.....  
YERBA BUENA SHOALS. Site of 1939 World's Fair.  
"Temple of Wine" exhibit building. Owner—Wine Institute, 85 2nd St. Plans by Owners.

#### LOW BIDDERS

EAST SOUND, San Juan Co., Wash.—O. A. Carlson, 2212 Second Street, Seattle, at \$71,464 (Group 1) and NePage-McKenny Co., 804 6th Street, Seattle, at \$70,966 (group 2) and \$68,295 (group 3) submitted low bids to the Oregon Light and Power Co., Inc., Henry Cayton, President, East Sound, for about 52 miles of rural electrical distribution system in San Juan Co. Group 1—welded; Group 2—copper; Group 3—aluminum.

Group 1—O. A. Carlson	\$71,464
NePage-McKenny Co.	72,066
Group 2—NePage-McKenny	70,966
O. A. Carlson	72,145
Group 3—NePage-McKenny	68,295
O. A. Carlson	69,864

Bids under advisement.

#### CONTRACT AWARDED

MENDOCINO CO., Calif.—E. E. Murray, Rt. 1, Box 770, Modesto, at \$29.50 per acre, was awarded con-

tract by Ohm & Raab, 109 E. Weber Ave., Stockton, for Robert S. Odell Co., for ditching and checking either 58.6 acres or 84.1 acres of land for alfalfa culture in Potter Valley, Mendocino County.

Guerin Bros., San Francisco, at \$106 per acre, submitted only other bid.

#### BIDS WANTED

SACRAMENTO, Calif.—Until Sept. 30, 11 A. M., bids will be received by the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio of San Francisco, under C. P. 1084-S-38-4, for constructing telephone manholes at the Sacramento Air Depot.

Plans and specifications may be obtained from the above office.

### 20—MISC. SUPPLIES AND MATERIALS

#### BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until September 7, 7:30 p.m., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, for the sale to the city of materials and supplies for the improvement of Third Street, by widening its intersection with the east line of C Street to the east boundary of the City of Petaluma.

Estimated requirements:

- (1) 5584 sacks Portland cement;
- (2) 1617 tons coarse aggregate;
- (3) 750 tons fine aggregate;
- (4) Part circle corrugated iron culverts;
- (5) 7400 l.f. and 54 bends electrical conduits.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

PHOENIX, Arizona.—Until Sept. 8, 10:30 A. M., bids will be received by H. L. Walsh, city manager, for furnishing materials as follows:

- 1-2-in. tees, precaulked;
- 3-2-in. cross, precaulked;
- 6-2-in. cross, precaulked all bell;
- 4-2-in. tees, precaulked all bell;
- 2-3-in. bends, 90-deg. precaulked;
- 4-3-in. bends, 45 deg. precaulked;
- 2-3x2 reducers precaulked;
- 1-6x2 reducer precaulked;
- 2-2-in. C I plugs;
- 3-3-in. C I plugs;
- 4000 ft. 2-in. precaulked pipe, 15-ft. length, Class 150;

3250 ft. 2-in. precaulked pipe, do;  
6-2-in. gate valves C I hub, double disc, right hand square nut;  
6-3-in. gate valves C I hub, do;  
2-3x3x2 C I tee, all bell precaulked  
2-3x3x3 C I tee, do;  
4-3-in. cross, all bell precaulked.  
Certified check for 5% must accompany each proposal.

#### BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Cir. Prop. 19, for Douglas fir lumber, f.o.b. bidder's shipping point and/or delivered to government yards (1) 5900 Venice Blvd., (2) Brazil and Exchange Sts., Los Angeles, and (3) 835 Commercial St., San Gabriel:

Niedermeyer—Martin Lumber Co., Portland, Ore.; disc. 2%.

MacDonald & Harrington, San Francisco, (2) \$2707, (3) \$6350, disc. 2% 30 da.; fob mill Wendling, Springfield, Lebanon, Cottage Grove and Portland, Ore.

Owens-Parks Lbr. Co., (1) \$8547, (2) \$3555, (3) \$8730. Total \$20,832. 5% 30 da.; delivered to government yards.

Truick Lbr. Co., Portland, Ore., (1) \$8547, (2) \$2875, (3) \$7185. Total, \$17,065.50; 2% 30 da.; f.o.b. mill, Corvallis Portland, Roseburg, Ore.

J. F. Sharp Lbr. Co., Seattle, Wash.,

(1) \$6563, (2) \$2658, (3) \$7655. Total, \$16,876. 5% 30 da.; f.o.b. mill, Forest Grove, Portland, Dallas, Corvallis, Eugene, Ore.

Geo. E. Miller Lbr. Co., Portland, (1) \$5532, (2) \$6092. Total \$13,870; 2% 10 da.; f.o.b. mill, Roseberg, Lebanon, Dattau, Ore.

Glenn Lbr. Co., (1) \$8152, (2) \$3376, (3) \$7915. Total, \$19,443, 2% 30 da.; deliv. to govt. yards.

E. K. Wood Lbr. Co., (1) \$8875, (2) \$3706, (3) \$8285. Total, \$20,866; 2% 30 da.; f.o.b. job site.

Sullivan Lbr. Co., Portland, (1) no bid, (2) no bid, (3) \$6600; 2% 10 da.; f.o.b. Portland, Ore.

Chas. R. McCormick Lbr. Co., (1) no bid, (2) \$2771, (3) \$6105; disc. 2% 10 da.; f.o.b. mill, Portland, St. Helens, Ore.

San Pedro Lbr. Co., (1) \$8819, (2) \$3622, (3) \$8455. Total, \$20,896; 5% 30 da.; deliv. to govt. yards.

Hammond Lbr. Co., (1) \$8196, (2) \$3410.50, (3) \$8038.75. Total, \$19,654.25, 5% 30 da.; f.o.b. govt. yards.

#### BIDS OPENED

LOS ANGELES, Calif.—The following firms submitted identical bids to the Metropolitan Water District, 206 W. 3rd St., Los Angeles, for furnishing approximately 925,000 sq. ft. welded steel mesh or woven wire fabric for use as gunite reinforcement. Spec. 237:

Blue Diamond Corp., Trojan Steel Co., Ceco Steel Products, Wickwire-Spencer Steel Co., Planet Mfg. Co., E. Lockett & Son, R. J. M. Co., John-Manville Sales Co., Soule Steel Co., L. A. Iron & Steel Co., Trucon Steel Co., and Security Materials Co.

The work is divided into two alternative schedules, viz.: (1) providing for the furnishing and self-furring 2x4-in., 12-ga. welded wire mesh, and (2) providing for self-furring woven wire fabric. The bids were: Schedule (A) (1) \$10175 total \$8750, use tax \$262.50; (2) \$10175 total \$16,770, use tax \$485.63; f.o.b. Buffalo, N. Y., or Monesson, Pa. Shipping wt., 28 lbs. per 100 sq. ft.; discount, 1/2 of 1% 10 days. Schedule (B) no bids received.

#### BIDS WANTED

SOUTH GATE, Los Angeles Co., Calif.—Until Sept. 20, 7:30 p.m., bids will be received by the South Gate city council for the following estimated material requirements for a period of 1 year from date:

- (1) 1529 tons sand (concr.);
- (2) 11,661 sacks cement (portland);
- (3) 3175 tons rock (crushed);
- (4) 4777 tons decomposed granite;
- (5) 497 bbls. road oil (60-70);
- (6) 1148 ft 10-in C I water pipe (class 150);
- (7) 450 ft 6-in C I water pipe (class 150);

(8) 3700 ft 2-in C I water pipe (class 150);

(9) 2730 ft 2-in galv iron pipe;

(10) 3812 ft 8-in sewer pipe;

(11) 546 ft 6-in sewer pipe;

(12) 1250 ft 10-in wire fence (complete); No. 9-mesh 2-in mesh corner bearing only after weaving chain link.

(13) 262 ft 6-in wire fence (complete); No. 9-mesh 2-in mesh corner bearing only after weaving chain link;

(14) 2542 tons premix.

#### CONTRACTS AWARDED

LOS ANGELES, Calif.—Southern Pine & Lumber Co. Agency at \$17,640, was awarded contract by Metropolitan Water District Los Angeles, for 50,000 ft 30-in. wire chain link, 10-mesh corner bearing only delivered to West Portal, Portero, Lawrence, Cabazon and East Portal or Banning yards; Bid 87384.

## BIDS OPENED

SAN FRANCISCO, Calif.—Following bids were received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1884, for furnishing furniture for the school department:

## The contract involved:

- (1) 100 chairs, 15-in.;
- (2) 500 stools, 15-in.;
- (3) 12 storage cabinets;
- (4) 12 wardrobe cabinets;
- (5) 25 easels, primary;
- (6) 25 tables, cafeteria;
- (7) 200 tables, 25-in.;
- (8) 1000 table tops;
- (9) 50 luncheon tables;
- (10) 100 backs.

Following bids were submitted:

- J. W. Frick & Co., S. F.—(1) \$156, (2) \$168.
- Haas Wood & Ivory Works, S. F.—(3) \$55.80, (4) \$55.80, (5) \$19.75, (6) \$9.80, (7) \$7.15, (8) \$1.35 (birch), \$0.90 (magnolia), (9) \$28.70, (10) \$6.10.

H. Schulte & Son, S. F.—(3) \$32.50, (4) \$32.50, (5) \$6.75, (6) \$7.85, (7) \$4.25, (8) \$10.00, (9) \$12.02, (10) \$5.50.

Rucker, Fuller Co., S. F.—(1) \$1.84, (2) \$1.90.

American Seating Co., S. F.—(1) \$1.49, (2) \$1.62.

Hyewood-Wakefield Co., S. F.—(1) \$1.74, (2) \$2.10.

Braas & Kuhn Co., S. F.—(3) \$39, (4) \$36, (5) \$3.95, (6) \$7.95, (7) \$4.35, (8) \$1.62, (9) \$10.75, (10) \$4.50.

R. Brandwein & Co., S. F.—(3) \$42.50, (4) \$42.50, (5) no bid, (6) \$12.00 on bid; (7) \$5.29 (maple, \$5.24 (birch), \$4.77 (mag.), (8) \$1.35, (9) \$1.75, (10) \$5.65.

Bids have been referred to the school authorities.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Listenwaller & Gough, Inc., Los Angeles, at \$34,863.95, were awarded contract by Metropolitan Water District, Los Angeles, for 19,300 ft. 3-conductor, size 4/0 armored cable; Spec. 233.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Calif. Corr. Culvert Co., 409 Leroy St., at \$23,737.63, was awarded contract by the U. S. Engineer, Los Angeles, for corrugated culvert pipe, drainage gates and hand couplers delivered along Los Angeles River; Circ. Prop. 17.

## CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$192.24, was awarded contract by the Forest Service Supply Depot, Frank Havnie, Supply Officer, Government Island, under B57 No. 5102, for furnishing corrugated metal pipe culvert; f.o.b. South San Francisco.

## CONTRACT AWARDED

GOVERNMENT ISLAND, Calif.—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$250.36 (1), and at \$408.38 (2), f.o.b. South San Francisco, was awarded contract by the Forest Service Supply Depot, Frank Havnie, Supply Officer, Government Island, Bid No. 5103, for furnishing corrugated metal pipe culvert; f.o.b. (1) Sonora and (2) Redding.

## CONTRACT AWARDED

ALL-AMERICAN CANAL.—Independent Iron Works, Ltd., 821 Pine Street, Oakland, at \$15,513, awarded contract by the Bureau of Reclamation, Denver, under Spec. 952-D, for metal work for installation in the trash rack structure at the All-American Canal. Work will be done by the Government.

## CONTRACT AWARDED

ALL-AMERICAN CANAL.—Northwestern Steel Rolling Mills, Seattle, Wash., at \$14,151.92, were

awarded contract by Bureau of Reclamation, Denver, Colo., under Bid No. 4233-A, for reinforced steel for All-American Canal.

## BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until September 8, 5:30 p.m., bids will be received by the East Bay Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing material, as follows: PROPOSAL 909—30 tons pig lead in 100-lb. bars.

PROPOSAL LS 205—1500 lb. ft. 26-in. diameter electric welding pipe. Plans and specifications may be obtained at the above office.

## MATERIALS APPROVED

TULARE, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Tulare: MacDonald Construction Co., general contractors; Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Uniflow Mfg. Co.; gas water heater, Kewanee; Tohaco Co.; indirect water heater, Bell & Gossett Co.; oil heaters, copper coil, Excelco Products Corp.; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Bailey Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Works; back-water valve, Josam Mfg. Co.; boiler, Pacific Steel Boiler Corp.; combination gas and oil burner, Ray Burner Co.; tube radiators, U. S. Radiator Corp.; wall radiators, U. S. Radiator Corp.; angle radiator valves, Marsh Valve Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; air valves for radiators, Amco Radiator Co.; air valves for ends of steam mains, Am. Radiator Co.; panel boards, Cutler-Hammer Mfg. Co.; main switch, Cutler-Hammer Mfg. Co.; rubber-covered wire, Colver Insulated Wire Co.; receptacles, Bryant Elec. Co.; flush switches, Bryant Elec. Co.

## BIDS WANTED

SACRAMENTO, Calif.—Until October 1, 3 p.m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for the purchase of condemned government property, including chain hoists, cross-cut saws, cutting and welding torches, drafting machines and other miscellaneous equipment.

Plans and specifications may be obtained from the above office.

## CONTRACT AWARDED

LOS ANGELES, Cal.—Owens Parks Lumber Co., at \$1665.75, was awarded contract by U. S. Engineer, Los Angeles, for (1) 19.5 MFEM D F Lumber, fob 5900 Venice Blvd.; (2) 14 MFEM same, fob Brazil and Exchange Sts.; Circ. Prop. 18.

Complete bids follow:

Owens Parks Lbr. Co., (1) \$615.75, (2) \$450; total, \$1065.75. Terms 5% 30 days.

Globe Lumber Co., (1) \$624; (2) \$162; total \$1086; 2% 20 days.

Patten-Blinn Lumber Co., (1) \$620 (2) \$151; total \$1074; 2% 30 days.

E. K. Wood Lumber Co., (1) \$631.35; (2) \$450.50; total, \$1081.85; 5% 30 days.

Hammond Lumber Co., (1) \$651.25; (2) \$475; total, \$1126.25; 5% 30 days.

San Pedro Lbr. Co., (1) \$665.50; (2) \$475; total, \$1140.50; 5% 30 days.

H. A. Broving, (1) \$676.65; (2) \$196.80; total, \$1173.45; 2% 10 days.

A. E. Fickling Lbr. Co., (1) \$749; (2) \$525; total, \$1274; 7% 20 days.

Globe Lbr. Co., (1) \$750.50; (2) \$556; total, \$1306.50; 5% 30 days.

Consolidated Lbr. Co., (1) \$790.25; (2) \$573; total, \$1363.25; 5% 30 days.

E. J. Stanton & Son, (1) \$700.25; (2) \$573; total, \$1363.25; 10% 30 days.

## BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Treasury Department, Los Angeles, for lumber and millwork fob Santa Barbara; Invitation No. 30820.

Owens-Park Lumber Co., \$2637.84; 5% 30 days on sash and doors, 10% 30 days on balance.

Globe Lumber Co. Ltd., items (97) (120) (136) and Lot 1, \$1230.27; Lot 2, \$304.22; Lot 3, \$1794.77; Lot 4, \$1,000.61; Lot 5, \$198; 5% 30 days.

Three identical bids at: first three items, \$20.02; Lot 1, \$1223.74; Lot 2, \$312.22; Lot 3, \$1794.77; Lot 4, \$1000.43; Lot 5, \$198; 5% 30 days by Boyd Lbr. & Mill Co., Ambrose Lbr. Co., Inc., Union Mill & Lbr. Co.

Deats Sash & Door Co., Lot 4, \$636.20; Lot 5, \$146.60; 5% 30 days.

Hipolito Co., Lot 4 (1) \$8.35; (2) \$6.67; (3) \$7.68; (4) \$9.57; (5) \$4.38; (6) \$5.95; (7) \$4.18; (8) \$1.98; (9) \$4.98; (10) \$1.87; (11) \$2.30; (12) \$1.92 (13) \$17.58; (14) \$8.57 (15) \$5.91; (16) \$3.93; (17) \$4.23; (18) \$12 (19) \$6.50 (20) \$14.67; (21) \$2.42; Lot 5 (22) \$2.57; (23) \$2.14, (24) \$2.54, (25) \$1.90 (26) \$2.57; (27) \$3.99; (28) \$2.74 (29) \$4.26; (30) \$1.73 (31) \$1.22; 5% 30 days.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Associated Wholesale Elec. Co., Los Angeles, at \$34,750.37, was awarded contract by Metropolitan Water District, Los Angeles, for 25,000 ft. 3-conductor, size 4/0 armored cable; Spec. 235.

## DAILY PACIFIC BUILDER

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav., Irrigation Proj.	31—Pipe Lines and Wells
23—St. Light, Systems	32—Sewers & Sewage Equipment
24—Machinery and Equipment	33—Water Works
25—Railroads	34—Parks & Playgrounds
26—Fire Alarm Syst.	35—Tunnels
27—Fire Equipment	
28—Streets & Highways	

## 21— BRIDGES

### BIDS OPENED

YUBA CO., Calif.—The following submitted bids to the Yuba County Board of Supervisors, W. M. Strief, County Clerk, Hall of Records, Marysville, for the construction of two trestle bridges and miscellaneous structures.

Work involves:

- (1) Constructing superstructure Harding Avenue bridge, including sway bracing for pile or post;
- (2) Concrete footing and foundation:
  - (a) Provide and install 5800 SEM redwood post for entire structure;
  - (b) Provide and install redwood pile in lieu of concrete pier and wooden post;
- (3) Rockmix pavement and steel coat for Harding Avenue Bridge;
- (4) Install concrete headwall for culverts 1, 2 and 3;
- (5) Reinf. steel for culvert headwall, 1, 2 and 3;
- (6) Construction complete, except for concrete headwall and concrete piers the bridge Huntington Avenue;
- (7) Install concrete headwall and foundation piers for bridge covered by Item 6.

Total bids follow:

(A) M. A. Jenkins, Sacramento.	(C)	(D)		
(B) F. F. Bender, Sacramento.				
(C) Hemstreet & Bell, Marysville.				
(D) John O'Leary, San Francisco.				
Unit prices follow:				
(A)	(B)	(C)	(D)	
(1)	\$5668	\$8925.00	\$8000	\$7407.00
(2)	880	990.00	1400	550.00
(2a)	425	507.50	522	551.00
(2b)				1665.00
(3)	360	315.00	450	450.00
(4)	1782	2035.50	1998	1917.00
(5)	140	224.00	224	154.00
(6)	790	1690.00	760	585.00
(7)	357	522.25	680	396.95

### BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until Sept. 14, 2 P. M., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete bridge over Price Creek, Humboldt County.

Work involves:

- (1) 116 cu. struc. excav.;
- (2) 232 cu. concrete;
- (3) 29,137 lbs. reinf. steel, in place;
- (4) 450 lf. piling, in place;
- (5) 1012 cu. approach fill.

Plans and specifications may be obtained at the office of the Humboldt County Surveyor 2nd and K Streets, Eureka.

### BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until Sept. 14, 2 P. M., bids will be re-

ceived by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the constructing a reinforced concrete bridge over Mad River near Butler Valley, Humboldt County.

Work involves:

- (1) 25 cu. struc. excav.;
  - (2) 357 cu. concrete;
  - (3) 55,113 lbs. reinf. steel, in place;
  - (4) 500 cu. approach fill.
- Plans and specifications may be obtained at the office of the Humboldt County Surveyor, 2nd and K Streets, Eureka.

### BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until Sept. 14, 2 P. M., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete bridge on Road No. 121 near Pernade in Road District No. 1, Humboldt County. Steel beams furnished.

Work involves:

- (1) 165 cu. concrete deck;
  - (2) 120 lf. guard rail.
- Plans and specifications may be obtained at the office of the Humboldt County Surveyor, 2nd and K Streets, Eureka.

### CONTRACT AWARDED

SACRAMENTO, Calif.—M. A. Jenkins, 3560 Y St., Sacramento, at \$17,978.67, submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, County Clerk, Court House, Sacramento, for the construction of four small bridges across the Wylder-Ferguson Road, Sacramento.

Work involves:

- (1) 4224 lf. reinf. redwood piles;
- (2) 3120 lf. driving piles;
- (3) 1480 redwood caps;
- (4) 12,810 ft. redwood bulkhead material;
- (5) 55,024 ft. stringers and bridging;
- (6) 16,060 lf. redwood sub floors;
- (7) 15,899 ft. post and railing;
- (8) 170 cu. concrete—6 sacks;
- (9) 19,577 lbs. reinf. steel;
- (10) 162 cu. excava.;
- (11) Lump sum, removal of old structures.

Total bids follow:

(A) M. A. Jenkins, 3560 Y St., Sacramento—\$17,978.67.	(B) Eundensen & Lauritzen, Pittsburg—\$18,790.51.			
(C) Walter Campbell Construction Co., Sacramento—\$19,060.96.	(D) John C. O'Leary Construction Co., San Francisco—\$20,518.80.			
Unit prices follow:				
(A)	(B)	(C)	(D)	
(1)	\$ 64	\$ 52	\$ 54	\$ 55
(2)	.40	.80	.55	.85
(3)	90.00	87.00	97.00	94.00
(4)	90.00	109.00	115.50	85.00

(5)	90.00	89.00	91.50	94.00
(6)	90.00	90.00	90.50	84.00
(7)	90.00	120.00	139.00	139.00
(8)	14.00	7.50	13.00	14.00
(9)	0.275	0.55	0.55	0.55
(10)	2.50	1.25	1.15	2.00
(11)	500.00	600.00	725.00	1200.00

### CONTRACT AWARDED

JACKSON CO., Oreg.—Tom Lillebo, Reedsport, Oregon, at \$2,347, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for the construction of a 3-span deck and substructures over Trail Creek, together with approximately .0666 mile of approach grading, Tillier Way Highway, Project 16—J1, National Forest Road Project, County of Jackson.

### CONTRACT AWARDED

MONTEREY CO., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$31,465, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder bridge across Salinas River at Soledad, consisting of 13 104-ft spans and two 9-ft spans on concrete piers and abutments on pile foundations.

### CONTRACT AWARDED

SACRAMENTO, Calif.—J. H. Mohr, Inc., 960 7th St., San Francisco, at \$275, submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, County Clerk, Court House, Sacramento, for painting on the Mormon Island Bridge, Sacramento County.

Total bids follow:

J. H. Mohr, Inc., 960 7th St., San Francisco	\$275
Progressive Paint Co., Sacramento	3,540
Arthur Soreidi, Sacramento	3,987
A. W. Simmonds, Sacramento	4,370

### CORRECTION—BIDS WANTED

MARIN COUNTY, Cal.—Until September 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairing two bridges four miles north of Sausalito, one across Richardson Bay and tracks of Northwestern Pacific Railway and one across the Northwestern Pacific Railway tracks near Alto.

Work involves:

- (1) 750 cu. existing bit. surf. removed and disposed of;
- (2) 7,000 BFM existing timber removed and disposed of;
- (3) 75 tons broken stone bituminous macadam;
- (4) 4 tons liquid asphalt, 90-95;
- (5) 278,000 lbs. bar reinf. steel;
- (6) 1,582 cu. Class A Portland cement concrete;
- (7) 15,000 BFM dense select Redwood lumber, all heart structural grade;
- (8) 530 each counterweight blocks;
- (9) 1 lot existing wheel guard raised
- (10) 1 lot misc. items of work.

Item 6 previously reported incorrectly. Plans and specifications obtainable from the above office.

### CONTRACT AWARDED

ORANGE COUNTY, Cal.—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$10,488, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, for

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento : California

repairing bridge across Santa Ana river four miles east of Anaheim, Orange County.

**BIDS OPENED**

**HUMBOLDT CO., Cal.—N. M. Ball** Sons and E. E. Smith, 852 Carmel St., Albany, at \$38,969, submitted low bid to the State Division of Highways, to C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairs to the existing timber bridge across Big Lagoon, 10 miles north of Trinidad, Humboldt Co.

Work involves:

- (1) 1 lot remove and dispose of portions of existing bridge;
- (2) 178,000 lbs. bar reinf. steel;
- (3) 1,635 cu. y. Class A portland cement concrete;
- (4) 1 lot painting timber railing;
- (5) 1 lot misc. items of work.

Total bids follow:

- (A) N. M. Ball Sons and E. E. Smith, 852 Carmel St., Albany—\$38,969.
- (B) F. Kaus, Stockton—\$39,699.78.
- (C) M. A. Jenkins, Sacramento—\$43,327.50.
- (D) W. K. Van Bokkelen, Oakland—\$43,595.
- (E) F. J. Maurer & Son, Inc., Eureka—\$44,092.
- (F) John Rocca & Co., San Rafael—\$48,224.
- (G) Mercer Fraser Co., Eureka—\$49,902.50.
- (H) Alfred H. Vogt Co., San Francisco—\$52,697.50.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$290.00	\$675	\$14.40	\$1300	\$1000
(B)	2419.28	.053	15.50	1360	500
(C)	4000.00	.05	16.50	1700	1750
(D)	3700.00	.0575	16.00	1500	2000
(E)	3118.00	.063	16.00	2000	1500
(F)	4269.00	.065	18.00	2455	500
(G)	3600.00	.06	19.50	1500	2240
(H)	3000.00	.06	20.50	3200	2300

**BIDS OPENED**

**LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, at \$8,200** submitted the low bid to the Los Angeles county supervisors for constructing two bridges across La Mirada slough, one on Broadway and the other on Colima Rd. The bridges will each consist of one 40-ft. span with 24-ft. roadway, steel girders, concrete deck, timber abutments and railings. Estimated cost \$10,600. The three low bids were taken under advisement, all others rejected.

Total bids follow:

- Standard Const. Co., L. A., \$8350.
- Culbertson Bros., L. A., \$8600.
- E. S. & N. S. Johnson, Pasadena, \$8737.

- Jos. R. Lippincott, L. A., \$8764.
- W. J. Distell, L. A., \$8784.

- Oberg Bros., Los Angeles, \$9895.
- Geo. J. Bock Co., L. A., \$9400.
- Oscar Oberg, Los Angeles, \$9680.
- Carlo Bongiovanni, L. A., \$9740.
- John T. Scarlett, L. A., \$9774.

- Oceal & Son, Los Angeles, \$9941.
- Chas. J. Dorfman, L. A., \$9990.
- W. H. McCune, Monrovia, \$10,350.
- Byerts & Dunn, L. A., \$10,470.

The Contracting Engineers Co., Los Angeles, \$10,600.

**BIDS WANTED**

**HUMBOLDT COUNTY, Calif.—Until Sept. 14, 2 P. M.** bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for the repairing of the cable bridge across Mad River at Mountain View in Road District No. 3, Humboldt County.

Work involves:

- (1) Repairing redwood;
  - (2) Stringers and decking.
- Plans and specifications may be obtained at the office of the Humboldt County Surveyor, 2nd and K Streets, Eureka.

**22—DREDGING HARBOR WORKS, EXCAVATION**

**CONTRACT AWARDED**

**SAN DIEGO, Cal.—Standard Dredging Co., 325 Central Building, Los Angeles, at \$0.30 per cu. yd.** was awarded contract by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8571, for approximately 6,000 cu. yd. dredging of an area outboard of the Marine Railway at the Destroyer Base, Naval Operating Base, San Diego.

**23—CANALS**

**BIDS WANTED**

**RIVERTON PROJ., Wyo.—Until Sept. 20, 10 A. M.** bids will be received by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Riverton, Wyo., under Spec. No. 746 for the construction of structures, Pilot Canal, station 1363 to station 1571, and bridge at station 845+91.8. Riverton Project.

Work involves:

- (1) 748 cu. y. all classes of excav.
- (2) 8,100 cu. y. backfill about struc.
- (3) 2,797 cu. concrete;
- (4) 1,245 cu. cobble riprap;
- (5) placing 278,650 lbs. reinf. bars;
- (6) Erecting 56 MFMB of timber in structures;
- (7) Constructing 1,145 lf. of 6-inch dia. sewer pipe drains;
- (8) Manufacturing and placing 3,000 lf. porous concrete drain tile;
- (9) Laying 168 lf. 18- and 24-in. dia. lock-joint concrete pipe;
- (10) Installing 9,650 lbs. gates and miscellaneous metalwork.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SHOSHONE PROJECT, Wyo.—Jas. Crick, Spokane, Wash., at \$224,583.** was awarded contract by Bureau of Reclamation, for construction of earthwork canal lining and structures, Sta 363 plus 30 to Sta 322 plus 30, and Sta 340 to Sta 712, Heart Mt Canal, Heart Mt Div., Shoshone Project, Wyoming, located near Cody, Wyo. Spec. 743.

**BIDS WANTED**

**YAKIMA PROJECT, Wash.—Until Sept. 22, 10 A. M.** bids will be received by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Yakima, Wash., under Spec. No. 748, for the construction of earthwork canal lining and structures, station 1120 to station 1595, Yakima Ridge Canal, Rosa Division, Yakima Project.

Work involves:

- (1) 946,200 cu. y. excav for canal;
- (2) 166,000 sta. cu. y. of overhaul;
- (3) 15,750 cu. y. excav for struc.
- (4) 11,640 cu. y. excav for drainage channels and dikes;
- (5) 1,100 cu. y. excav for relocated roads;
- (6) 2,350 cu. y. of road surfacing;
- (7) 2,550 cu. y. compacting embankment;
- (8) 800 sq. yds. of preparing rock foundations for concrete lining;
- (9) 80,500 sq. yds. trimming earth foundations for concrete lining;
- (10) 18,700 cu. y. backfill;
- (11) 1,350 cu. y. concrete in struc.
- (12) 27,370 cu. y. concrete in canal lining;
- (13) 1,700 sq. yds. dry-rock paving;
- (14) 200 cu. y. riprap;
- (15) Placing 2,489,350 lbs. reinf. bars;
- (16) Erecting 202,300 lbs. of structural steel in bridges;
- (17) Erecting 23 MFMB of timber in bridges;
- (18) Laying 49,700 lf. 6-in. dia. drain pipe;

- (19) Laying 2,310 lf. 12- and 18-inch dia. concrete pipe;
  - (20) Laying 130 lf. 18-in. dia. corr. metal pipe;
  - (21) Installing 7,350 lbs. of gates.
- Plans and specifications may be obtained at the above office.

**BIDS WANTED**

**BOISE PROJECT, Ida.—Until Sept. 20, 10 A. M.** bids will be received by the U. S. Bureau of Reclamation, J. C. Page, Comm'r. Boise, Idaho, under Spec. No. 751, for the construction of earthwork, canal lining and structures, station 157 to station 477+25, Black Canyon canal, Payette Division, Boise Project.

Work involves:

- (1) 711,300 cu. y. excav. for canal;
- (2) 66,000 cu. y. excav. for core banks;
- (3) 300,000 sta. cu. y. overhaul;
- (4) 27,000 cu. y. excav. for struc.
- (5) 16,800 cu. y. earth excav. for drainage channels and dikes;
- (6) 6,000 cu. y. compacting canal embankment;
- (7) 500 sq. yds. preparing of rock foundations for concrete lining;
- (8) 11,500 cu. yds. trimming earth foundations for concrete lining;
- (9) 50,000 cu. y. earth lining of canal;
- (10) 1,000 cu. y. gravel blanket on inside slope of canal embankment;
- (11) 15,100 cu. y. backfill;
- (12) 2,340 cu. y. concrete in struc.
- (13) 1,220 cu. y. concrete in canal lining
- (14) 3,200 sq. yds. dry-rock paving;
- (15) 20 cu. y. riprap;
- (16) Placing 435,800 lbs. reinf. bars;
- (17) Erecting 77,000 lbs. struc. steel in highway bridge;
- (18) Erecting 154 MFMB timber in bridges;
- (19) Removing 6,000 lf. of existing pipe lining;
- (20) Installing 1,500 lbs. of 4- and 6-inch diameter metal pipe;
- (21) Laying 50 lf. of 24- and 30-in. corrugated metal pipe;
- (22) Laying 10,100 lf. of 4- to 18-in. dia. concrete pipe;
- (23) Installing 37,150 lbs. of gates & metalwork.

Plans and specifications may be obtained at the above office.

**24—STREET LIGHTING**

**BIDS WANTED**

**EXETER, Tulare Co., Calif.—Until September 8, 7:30 p.m.** bids will be received by the Exeter City Council, Allen Jordan, City Clerk, City Hall, Exeter, for the removing of present system of electrols and cables involving 4,000 ft. of cable and 20 electrols, standards and units, and installing 6 blocks about 4,000 ft. of cable and 32 20-ft. single light pendant electrols or more. Bids are also requested for an additional three blocks about 2,500 feet of cable and twelve 20-ft. single light pendant electrols.

Bids are being received in three propositions, as follows:  
**PROPOSITION "A":** Pine St., from Filbert Ave to D St. and E St., from Palm St. to Maple St., removing electrols and cable and installing the new street lighting system consisting of 32 electrols, complete with all accessories.

**PROPOSITION "B":** Furnishing and installing each additional electroler complete with all accessories, at locations 2, 4, 6, 8, 10, 18, 20 and 22 including credit allowed for the omission of a pull box at such locations.

**PROPOSITION "C":** Pine St., from D St. to Kaweah Ave. furnishing and installing the lighting system consisting of 32 electrols, together with all accessories.

Plans and specifications may be obtained from the above office upon deposit of \$10.

#### BIDS WANTED

**SAN MATEO CO., Cal.**—Until September 15, 1 p. m., bids will be received by the San Mateo County Bd. of Supervisors, E. E. Hinman, County Clerk, Court House, Redwood City, for illuminating by means of electric energy and lamps on the public highway, Millbrae Lighting District of San Mateo County. Work to be installed, cared for and maintained by successful bidder at a rate per month per lamp.

- Work involves:
- (1) 34 100-candlepower overhead st. lights without refractors;
  - (2) 1 250-candlepower overhead st. light with refractor.

### 25—MACHINERY AND EQUIPMENT

#### CONTRACT AWARDED

**CENTRAL VALLEY PROJ., Calif.**—Food Machinery Corp., Fresno, at \$2,105 awarded contract by Bureau of Reclamation, Denver, under Spec. No. 935-D, for four motor-driven pumping units for installation at Government Camp, Friant Dam, Central Valley Project. Apparatus will be installed by the Government.

#### BIDS WANTED

**SEATTLE, Wash.**—Until September 7, 10 a. m., bids will be received by the City of Seattle, Willard V. Stone, City Purchasing Agent, 511 County-City Bldg., for furnishing instrument transformers.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**ALL-AMERICAN CANAL.**—The following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., under Spec. No. 957-D, (1) one motor-driven, vertical shaft, deep-well, turbine pumping unit having a capacity of 125 gals. per minute at a total dynamic head of 310 ft.; (2) six motor-driven, vertical, centrifugal, submerged type, sump pumps, having a capacity of 200 gals. per minute at a total dynamic head of 30 ft., for installation at the Imperial Dam and desilting works, All-American Canal System, Boulder Canyon Project. Apparatus will be installed by the Government; f.o.b. shipping point and/or Yuma, Ariz.

F. H. Whitely Co., Denver; f.o.b. Lawrenceburg, Ind.—(1) 1548 lbs. \$548, (2) —, no bid; no bid; disc. 2%.

American Well Works, Denver; f.o.b. Yuma, Ariz.—(1) 1540 lbs. \$622; (2) 1655 lbs. \$3,636; no bid; net.

Palmer Supply Co., Seattle; f.o.b. Aurora, Ill.—(1) 2100 lbs. \$782.70; (2) \$860 the \$1857.17; \$2,639.87; 2%.

Woods & Little, Inc., San Francisco; f.o.b. Stevens Falls, N. Y.—(1) no bid; (2) 5400 lbs. \$2,490; no bid; 2%.

United Iron Works, Oakland; f.o.b. Oakland—(1) —, no bid; (2) 7200 lbs. \$990; no bid; net.

The Danmore Co., Salem, Ohio; f.o.b. Salem—(1) 2070 lbs. \$693.40; (2) 6000 lb. \$2192.70; no bid; net.

Smith Booth Fisher Co., L. A.; f.o.b. Chicago, Ill.—(1) —, no bid; (2) 6620 lb. \$2100; no bid; net.

Peel-Machy Corp.—Peerless Pump Div., f.o.b. Yuma, Ariz.—(1) —, no bid; (2) 7500 lb. \$750; (2) —, no bid; no bid.

Deane Machine Co., Los Angeles; f.o.b. Yuma, Ariz.—(1) 1844 lbs. \$697.40; (2) —, no bid; no bid; 3%.

Western Pump Co., Chicago, Ill.; f.o.b. Chicago, Ill.—(1) —, no bid; (2) 2220 lb. \$600; no bid; 1%.

Worthington Pump & Machy. Corp.,

Denver, Colo.; f.o.b. L. A.—(1) \*1844 lbs. \$729.50; (2) —, no bid; no bid; 3%.

Worthington Pump & Machy Corp., Denver, Colo.; f.o.b. Harrison, N. J.—(1) —, no bid; (2) 5100 lbs. \$2278.26; \$3,008.06; net.

Morris Machine Works, Baldwinville, N. Y.; f.o.b. Baldwinville—(1) —, no bid; (2) 9900 lbs. \$3660; no bid; net.

Lawrence Machine & Pump Corp., Lawrence, Mass.; f.o.b. Lawrence—(1) —, no bid; (2) 7740 lbs. \$2874; no bid; 1%.

Western Pump Co., Ltd., San Jose; f.o.b. Yuma, Ariz.—(1) 1750 lbs. \$798.72; (2) 6250 lbs. \$2167.65; \$2896.40; 3%.

The Weinman Pump Mfg. Co., Columbus, Ohio; f.o.b. Columbus—(1) no bid; (2) 6270 lbs. \$1896.60; no bid; net.

Victor Equip. Co.—Kimball Krogh Pump Div., L. A.; f.o.b. L. A.—(1) 1950 lbs. \$759; (2) 12000 lbs. \$3,036; \$4,695; net.

Stearns Roger Mfg. Co., Denver; f.o.b. N. Tonawanda, N. Y.—(1) —, no bid; (2) 7800 lbs. \$3102; no bid; net.

Bingham Pump Co., Portland, Ore., f.o.b. Portland—(1) 2000 lbs. \$780; (2) 2000 lbs. \$3940; \$3700; net.

Hendrie & Bolthoff Mfg. & Supply Co., Denver; f.o.b. Pomona—(1) \*1844 lbs. \$793.15; (2) —, no bid; no bid; net.

Hendrie & Bolthoff Mfg. & Supply Co., Denver; f.o.b. Battlecreek, Mich.—(1) —, no bid; (2) \$220 lbs. \$2764.20; \$3,738.15; net.

Fairbanks-Morse & Co., Denver; f.o.b. San Francisco—(1) 1121 lbs. \$590.54; (2) —, no bid; no bid; net.

Fairbanks-Morse & Co., Denver; f.o.b. Yuma, Ariz.—(1) 590 lbs. no bid; (2) —, no bid; no bid; net.

Fairbanks-Morse & Co., Denver; f.o.b. Boise, Wis.—(1) —, no bid; (2) 5064 lbs. \$3615.36; no bid; net.

Fairbanks-Morse & Co., Denver; f.o.b. Denver—(1) —, no bid; (2) 13,824 lbs. no bid; no bid; net.

\*Weight was omitted, average wt. of other bidders was used.

#### BIDS WANTED

**BOULDER CANYON PROJECT.**—Until Sept. 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 870-D, for structural steel transmission towers and switchyard structures for the Ploche transformer circuit and switch station at the Boulder switchyard, Boulder Canyon Project, f.o.b. shipping point and/or Boulder City. Structures will be erected by the Government.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**OWYHEE PROJ., Oregon-Idaho.**—Until Sept. 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 871-D, for 2,300-volt switching equipment, complete with circuit breakers and control apparatus; four 1,000-kv-a, self-phase, 60-cycle, oil-insulated, single-cooled transformers, and one 69-kv lightning arrester for the Reclamation Ditch pumping plant, f.o.b. shipping point and/or Durway, Ore. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office.

#### CONTRACTS AWARDED

**LOS ANGELES.**—United Iron Works, 540 2nd St., Oakland at \$33,780, were awarded contract by Metropolitan Water District, for 5 horizontal centrifugal pumping units with capacity of 2600 g.p.m. against total head of 850 ft. Spec. 231.

August 27, 1937.

#### BIDS OPENED

**BONNEVILLE, Oregon.**—Following submitted bids to the U. S. Engineer's Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-35, for 115 kv. potential transformers: (1) Alternate "A"; f.o.b. shipping point. (2) Alternate "B"; f.o.b. Bonneville, Ore.

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa.—(1) \$9,448; (2) \$9,740.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—(1) \$9,740; (2) \$10,320.

General Electric Co., Schenectady, N. Y.—(1) \$9,252; (2) \$9,833.60.

#### BIDS OPENED

**DENVER, Colo.**—The following bids were received by R. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. No. 955-D, for furnishing and delivering f.o.b. shipping point and/or railroad destination at the outlet works: (1) one 30-in. diameter interior differential needle valve for installation in the Outlet works at the Grassy Lake Dam, Upper Snake River Project, Idaho; and (2) two 42-in. diameter interior differential needle valves for installation in the outlet works at the Boca Dam, Truckee Storage Project, Nevada-California. Work will be installed by the Government.

Hardy Tynes Mfg. Co., Birmingham, Ala.—(1) \$18,000; (2) \$18,000; \$23,290 (combination bid).

The Smith Corp., dba General Iron & Steel Works, Portland, Oregon, f.o.b. Portland, Oregon, (1) \$4,675; (2) \$13,790.

Baldwin Southwark Corp., Philadelphia, Pa.; f.o.b. Philadelphia, (1) \$20,970; (2) \$27,660.

Koppers Co., Western Gas Div., Ft. Wayne, Ind., f.o.b. Port Wayne, Ind., (1) \$10,775; (2) \$32,595.

Joshua Hendy Iron Works, San Francisco, Calif., f.o.b. San Francisco—(1) \$17,218; \$22,950 (combination bid).

#### BIDS OPENED

**BONNEVILLE PROJECT, Oregon.**—The following submitted bids to the U. S. Engineer's Office, Bonneville, Oregon, for furnishing materials, performing work, and delivering equipment for the fishways operating machinery, Bonneville Project.

Alternative "A" f.o.b. shipping point. Alternative "B" f.o.b. Bonneville, Oregon.

Work involves:

- SCHEDULE I**
- (1) 1 lot 6 regulating gate hoists, Bradford Island ladder intake;
  - (2) 1 lot 6 regulating gate hoists, Washington Shore ladder intake;

- SCHEDULE II**
- (3) 1 lot 15 diffusion gate hoists, Bradford Island and Washington Shore ladder;
  - (4) 1 lot, 15 Weir water supply gate hoists, Powerhouse collection channel;

- SCHEDULE III**
- (5) 1 each, fish gate hoist, Navigation channel;
  - (6) 4 each, radial gate hoists, Auxiliary supply, Spillway Dam;
  - (7) 1 lot, 2 radial gate hoists, Intake and regulating, Bradford Island ladder.

Total bids follow:  
Dallas Machine & Locomotive Wks., Dallas, Oregon—\$18,940.50 (Sch. II, Alt. B).

General Iron & Steel Works, Portland, Oregon—\$21,851 (Sch. I); \$18,620 (Sch. II); \$39,687 (Sch. III) Alternate A.

Western Foundry Co., Portland, Oregon—\$16,507.50 (Sch. I, Alt. A).

Star Iron & Steel Co., Tacoma, Wash.—\$24,468 (Sch. I); \$18,825 (Sch. II); \$33,112 (Sch. III), Alt. B.



Consolidated Steel Corp., Ltd., Los Angeles—\$25,985 (Sch. D); \$24,862 (Sch. II); \$35,778 (Sch. III), Alt. A.  
 Foote Bros. Gear & Machine Corp., Chicago, Ill.—\$23,220 (Sch. D); \$35,220 (Sch. II), Alt. A.

Commercial Iron Works, Portland, Ore.—\$25,417.50 (Sch. D); \$19,710.50 (Sch. II); \$38,146 (Sch. III), Alt. B.

**BIDS OPENED**

**BONNEVILLE, Ore.**—The Converse Co., Inc., 405 Exchange Bldg., Seattle, Wash., at \$14,864, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-31, for the installation of a 200-watt annunciator system in the Bonneville power house, Bonneville, Ore.

Westinghouse Electric Supply Co., 145 First Ave. South, Seattle, Wash., at \$15,200, submitted only other bid.

**BIDS WANTED**

**BONNEVILLE, Ore.**—Until Sept. 24, 3 p. m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-80, for the construction and erection of a 115-kv. switching and bus structure on the roof of the powerhouse, Bonneville, Ore.

- Work involves:
- (1) 365,000 lbs. galv. struc. steel, in place;
  - (2) 1 c.y. cement grout;
  - (3) 350 lbs. furn. and placing galv. anchor bolts;
  - (4) 65 lf. drilling and grouting 1 1/2-in. anchor bolt holes.
- Plans and specifications may be obtained from the above office. \*

**BIDS OPENED**

**ALL-AMERICAN CANAL.**—The following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 958-D, for five vertical, motor-driven, pumping units; one having a capacity of 10 cu. ft. per second at a total dynamic head of 3.8 ft., two having capacities of 10 cu. ft. per second at a total dynamic head of 4 ft.; one having a capacity of 9 cu. ft. per second at a total dynamic head of 3.8 ft.; and one having a capacity of 5 cu. ft. per second at a total dynamic head of 3.5 ft., for installation in pumping plants on the All-American Canal system, Boulder Canyon Project.

Sterling Pump Corp., Stockton, Cal.—\$4 659.85; f.o.b. Stockton.

Fairbanks-Morse & Co., Denver, Colo.—\$4,181.65; f.o.b. San Francisco, Calif., or Calexico, Calif.

Morris Machine Works, Baldwinville, N. Y.—\$4,548; f.o.b. Baldwinville.

Buehamp Pump Co., Portland, Ore.—\$3,764; f.o.b. Portland.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—\$14,327; f.o.b. Milwaukee.  
 Palmer Supply Co., Seattle, Wash.—\$4,738.28; f.o.b. Los Angeles, or Calexico, Calif.

S. Morgan Smith Co., York, Pa.—\$11,238; f.o.b. York.

Lawrence Mach. & Pump Corp., Lawrence, Mass.—\$5,405; f.o.b. Lawrence.

Victor Equip. Co., Kimball Krogh Pump Div., Los Angeles, Calif.—\$5,071; f.o.b. Los Angeles.

Brown Jackson Co., Los Angeles—\$3 676.70; f.o.b. Los Angeles.

United Iron Works, Oakland, Calif.—\$5 127; f.o.b. Oakland

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.—\$2,756.39; f.o.b. Pomona, Calif.

Worthington Pump & Machinery Corp., Denver, Colo.—\$4,109.46; f.o.b. Los Angeles, Calif.

**26—RAILROADS**

August 27, 1937

Additional Sub-Contracts Awarded  
**TERMINAL.** Cont. Pr., \$1,658,510  
**SAN FRANCISCO.** First and Mission Streets.

San Francisco - Oakland Bay Bridge  
 Railway Terminal (3-story reinforced concrete building; granite facing on head house; steel roof framing over track level on top floors; composition roofing over concrete; 165-ft. wide by 700-ft. long).

Contractor—MacDonald & Kahn Co., 200 Financial Center Building.

Placing of Reinforcing Steel—J. P. Murphy, 3901 Mission St.

Painting—D. Zelinsky and Sons, 165 Grove Street.

Terrazzo—American Terrazzo Co., 36 Wood St.

Tile Work—American Art Tile Co., 231 Franklin St.

Marble—American Marble Co., P. O. Box 578, South San Francisco.

Miscellaneous and Ornamental Iron—Fair Mfg. Co., 617 Bryant Street.

Mill—Colma Mill & Lumber Company.

Glass—W. P. Fuller & Co., 301 Mission Street.

As previously reported: Columbia Steel Co., 235 Montgomery St., at \$442,360 awarded contract for structural steel; Scott Co., Inc., 243 Minna St., at \$109,220, mechanical work, and Radelinger Brothers, 54 Natoma St., at \$73,250, electric work, all under separate contract.

Sub-contracts previously reported: pile driving to Raymond Conc. Pile Co., 333 Montgomery St.; excavations to Plombo Bros. & Co., 1571 Turk St.; reinforcing steel to Tracon Steel Co., 604 Mission Street; granite to Texas Quarries, Inc., Victorville, Calif.

**LOW BIDDER**

**SAN FRANCISCO, Calif.**—A. D. Schader, 144 Spear Street, at \$20,665 (Lines A to H); \$26,588 (Lines A to F), and \$2,900 (deduction for track "C"), submitted low bid to the San Francisco Bay Exposition Co., 585 Bush Street, for a yard railroad track system on Yerba Buena Shoals, site of the 1939 World's Fair.

Work will involve approx. 8,055 ft. of track under Prop. 1, with an alternate proposal of an additional 3,032 ft. of track.

August 31, 1937

**LOW BIDDER**

**SAN FRANCISCO.** A. D. Schader, 144 Spear St., at \$30,665 (Proposition 1) and \$26,585 (Alternate) submitted low bid to the San Francisco Bay Exposition Co. (Leland W. Cutler, President), 585 Bush Street, for a yard railroad track system on Yerba Buena Shoals, site of the 1939 World's Fair.

Work will involve approx. 8,055 ft. of track under Prop. 1, with an alternate proposal of an additional 3,032 ft. of track.

**29—STREETS AND HIGHWAYS**

**CORRECTION—BIDS WANTED**

**OAKLAND, Calif.**—Until Sept. 14, 1 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall for the construction of the new Moss Ave. and Vernon streets, State Highway, Route 5, District 4.

- Work involves:
- (1) 21,758 cu. excavation;
  - (2) 4,395 tons imported filling material;
  - (3) 7,204 tons stabilized base;
  - (4) 14,062 lf. concrete curb;

- (5) 4,618 sq. ft. concrete gutter;
- (6) 279,700 sq. ft. concrete pave;
- (7) 50,380 sq. ft. concrete penetration pavement;
- (8) 27,065 sq. ft. cement sidewalk;
- (9) 4,418 sq. ft. concrete driveway;
- (10) 84 tons asphalt concrete surf.;
- (11) 198 c.y. concrete in structure, 5-sack, 470 lbs. cement per c.y.;
- (12) 208 c.y. concrete in structure, 6-sack, 564 lbs. cement per c.y.;
- (13) 32 c.y. concrete in structure, 7-sack, 658 lbs. cement per c.y.;
- (14) 27,475 lbs. reinforcing steel;
- (15) 75 lf. 6-ft. reinf. concrete culvert;
- (16) 1 paper section reinf. concrete culvert, 20-ft. long;
- (17) 388 lf. 24-in. reinf. conc. pipe;
- (18) 395 lf. 21-inch do.;
- (19) 88 lf. 18-in. vit. pipe conduit;
- (20) 198 lf. 15-in. do.;
- (21) 1438 lf. 12-in. do.;
- (22) 50 lf. 6-in. do.;
- (23) 565 lf. 8-in. vit. pipe sewer;
- (24) 477 lf. 6-in. tile drain;
- (25) 13 manholes w/ht stand. tops;
- (26) 1 manhole w/ht stand. top;
- (27) 27 strongwater inlets, Type "B";
- (28) 3 strongwater inlets with 21-in. opening;
- (29) 3 lamp posts;
- (30) 1 drop connection;
- (31) 8 wye branches;
- (32) 711 lf. wire fencing (exclusive of gates);
- (33) 23 lf. swing gates for wire fence;
- (34) 18 lf. sliding gate for do.;
- (35) 68 lf. pipe railing.

Correction in items.  
 Plans and specifications may be obtained at the office of the City Engineer upon deposit of \$20.00.

**BIDS WANTED**

**BUTTE COUNTY, Cal.**—Until Sept. 22, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairing bridge over Feather River one mile west of Oroville, and grading and surfacing approximately 0.69 mile of roadway.

- Work involves:
- (1) 30 M. galv. water;
  - (2) 25 c.y. removing existing conc.;
  - (3) 10 cu. y. rdwy. excav., unclass.;
  - (4) 25 c.y. struc. excav.;
  - (5) 2,100 cu. y. imported borrow;
  - (6) 5 sta. yds. finish rdwy.;
  - (7) 1,100 sq. yds. subgrade prepared
  - (8) 220 c.y. Class A Portland cement concrete pavement;
  - (9) 432 each pavement dowel;
  - (10) 265 c.y. Class A Portland cement concrete struc.;
  - (11) 42,850 lbs. bar reinf. steel, pavement and struc.;
  - (12) 100,200 BFM Douglas fir lumber;
  - (13) 24,000 BFM dense select Redwood timber, all heart;
  - (14) 16,000 BFM select all-heart Redwood lumber;
  - (15) 5000 BFM salvage timber;
  - (16) 1 lot, existing timber trestle removed and disposed of;
  - (17) 1 lot misc. items of work.

Plans and specifications obtainable from the above office.

**LOW BIDDER**

**FLACER COUNTY, Calif.**—Fredrickson & Westbrook, P. O. Box 138, Lower Lake, at \$14,330 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for surfacing with road-mix surfacing two miles between Gold Run and Airport, Placer County.

- Work involves:
- (1) 3,550 tons mineral agg. road-mix surfacing
  - (2) 160 tons liquid asph. ROMIC-3.
- Complete bids will be published shortly.

## LOW BIDDER

COLUSA COUNTY, Calif.—Garcia Const. Co., Irvington, at \$7,645 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for surfacing with road-mix surfacing 2.7 miles between Geneva and 2.7 miles north, Colusa County.

## Work involves:

- (1) 3,500 cu. yd. mineral aggregate;
- (2) 200 tons liquid asphalt, ROMC-3;
- (3) 2.7 miles spreading, mixing and compacting surfacing material.

Complete bids will be published shortly.

## CONTRACT AWARDED

POWDER RIVER CO., Mont.—Jas. Crick, Spokane, Wash., at \$66,239.50 was awarded contract by the U. S. Bureau of Public Roads, 342 Post Office Bldg., Missoula, Mont., for the construction and improvement of Ashland Broadus Highway Grading Project 53-B, National Forest Road Project, located within the Custer National Forest, County of Powder River

## CONTRACT AWARDED

NEW MEXICO.—Ernest W. Everley, Albuquerque, New Mexico, at \$77,275, was awarded contract by the U. S. Bureau of Public Roads for surfacing Cedro Canyon Highway, N. Mexico, Forest Project 15-A3-B3.

## CONTRACT AWARDED

ELKO CO., Nev.—Utah Construction Co., Ogden, Utah, at \$46,738.10 was awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, for grading approximately 2.578 mi. of Section C of Route 18, Owyhee River National Highway, Humboldt National Forest, Elko County.

## LOW BIDDER

ORANGE COUNTY, Cal.—Oswald Bros., 366 E. 5th St., Los Angeles, at \$12,410.00 submitted the low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Building, Los Angeles, for 0.3 mile grading and surfacing with Portland cement concrete between Center Street and Placentia Ave., Orange County.

## Work involves:

- (1) 18 sta. clearing and grubbing;
- (2) 225 M. gals. water;
- (3) 365 cu. yd. removing concrete;
- (4) 1600 cu. yd. roadway excav., without class;
- (5) 40 cu. yd. struc. excav.;
- (6) 4100 sta. yds. overhaul;
- (7) 140 cu. yd. imported borrow;
- (8) 4490 sq. yds. preparing subgrade;
- (9) 18 sta. finishing roadway;
- (10) 4 tons liq. asphalt, SC-2 (prime coat);
- (11) 95 tons liq. asphalt, SC-4 (surf.);
- (12) 650 tons mineral aggreg. (surf.);
- (13) 150 sq. yds. asphalt. paint binder;
- (14) 825 cu. yd. class A portland cement concrete (prime);
- (15) 370 each. pave. dowels;
- (16) 2100 lbs. bar reinf. steel;
- (17) 70 lf. 18-in. corr. metal pipe;
- (18) 40 lf. laminated guard railing;
- (19) 2 each. culvert markers.

Complete bids will be published shortly.

## BIDS WANTED

FRESNO, Calif.—Until Sept. 10, 11 a. m., bids will be received by the Fresno City Commission, H. S. Foster, City Clerk, City Hall, Fresno, for the paving of the alleys in Blocks 245 and 367 Fresno.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

VALLEJO, Solano Co., Cal.—A. G. Raich, 1 De Haro St., San Francisco

at \$4,352.35, submitted low bid to the Vallejo City Council, Harry W. Mitchell, City Clerk, for paving a portion of Porter Street from Lemon Street to Marine.

## Work involves:

- (1) 1,342 cu. yd. grading;
- (2) 14,500 sq. ft. 3-inch crusher run base;
- (3) 14560 sq. ft. 2-inch asphalt top;
- (4) 50 cu. yd. concrete curb and gutter;
- (5) 130 lf. 4-in. house lateral sewers.

## Total bids follow:

- (A) A. G. Raich, 1 De Haro St., San Francisco, \$4,352.35.
- (B) Union Paving Co., San Francisco, \$4,857.10.
- (C) Pacific States Const. Co., \$5,155.25.

## Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ .95	\$1.00	\$1.15
(2).....	2.85	3.50	3.35
(3).....	.09	.11	.11
(4).....	17.00	16.60	15.60
(5).....	.80	1.00	1.00

## BIDS WANTED

SAN BENITO, MONTEREY, SAN LUIS OBISPO AND SANTA BARBARA COS., Calif.—Until September 7, 2 p. m., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying traffic stripe to 705 miles existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

Plans and specifications available at the above office.

## LOW BIDDER

SAN BERNARDINO COUNTY, Cal.—George Gardner & Sons, 445 East Cypress Ave., Redlands, at \$19,830.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying seal coat to existing pavement on about 82.4 miles between Vidal and Needles.

## Work involves:

- (1) 670 tons liquid asphalt, SC-4;
- (2) 1249 cu. yd. sand, location A;
- (3) 53.7 miles cover material, location B.

## COMPLETE BIDS

ORANGE CO., Cal.—Oswald Bros., 366 E. 5th St., Los Angeles, at \$12,410, submitted the low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for 0.3 mi. grading and surfacing with Portland cement concrete between Center St. and Placentia Ave., Orange County.

## Work involves:

- (1) 18 sta. clearing and grubbing;
- (2) 225 M. gals. water;
- (3) 365 cu. yd. removing concrete;
- (4) 1600 cu. yd. roadway excav., without classification;
- (5) 40 cu. yd. struc. excav.;
- (6) 4400 sta. yds. overhaul;
- (7) 140 cu. yd. imported borrow;
- (8) 4490 sq. yds. preparing subgrade;
- (9) 18 sta. finishing roadway;
- (10) 4 tons liq. asphalt, SC-2 (prime coat);
- (11) 95 tons liq. asphalt, SC-4 (surf.);
- (12) 650 tons mineral aggreg. (surf.);
- (13) 150 sq. yds. asphalt. paint binder;
- (14) 825 cu. yd. class A portland cement concrete (prime);
- (15) 370 each. pave. dowels;
- (16) 2100 lbs. bar reinf. steel;
- (17) 70 lf. 18-in. CMP;
- (18) 40 lf. laminated guard railing;
- (19) 2 each. culvert markers.

## Total bids follow:

- (A) Oswald Bros., 366 E. 5th St., Los Angeles—\$12,410.
- (B) F. F. Hollock Ltd., Pasadena—\$12,590.50.
- (C) South Co., Los Angeles—\$12,956.25.
- (D) South Pole Elsinore—\$13,021.50.
- (E) Sully-Miller Contr. Co., Long

Beach—\$13,803.

(F) C. O. Sparks, Los Angeles—\$14,075.50.

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	20.00	10.00	30.00	33.00	50.00	20.00
(2)	1.50	1.00	2.50	2.00	2.00	2.00
(3)	2.00	2.10	2.00	1.50	1.50	3.00
(4)	.25	.35	.40	.40	.60	.50
(5)	1.50	1.00	2.00	1.00	1.50	1.50
(6)	.01	.02	.01	.01	.01	.01
(7)	1.75	1.00	2.00	1.00	2.30	1.75
(8)	1.2	.10	.12	.12	.15	.12
(9)	7.00	7.00	6.00	5.00	5.00	7.00
(10)	15.00	13.50	15.00	10.00	15.00	20.00
(11)	12.00	9.00	10.00	9.00	12.00	10.50
(12)	3.00	3.20	3.10	2.75	2.50	3.20
(13)	.05	.05	.10	.10	.05	.05
(14)	8.00	8.50	7.83	8.80	8.50	9.50
(15)	.14	.12	.12	.12	.12	.16
(16)	.065	.08	.07	.06	.06	.07
(17)	.50	.30	.60	1.00	1.50	.50
(18)	1.25	1.50	1.50	1.50	3.00	1.00
(19)	2.50	3.00	3.00	3.00	3.00	3.00

## CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—A. G. Raich, 1 De Haro St., San Francisco, at \$4,352.35, was awarded contract by the Vallejo City Council, Harry W. Mitchell, City Clerk, for paving a portion of Porter Street from Lemon Street to McLane

## BIDS WANTED

LASSEN CO., Calif.—Until Sept. 22, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing 77 miles with crusher run base and plant-mix surfacing between Coperville and Susan River, Lassen County.

## Work involves:

- (1) 41 acres clearing and grubbing right-of-way inside construction line;
- (2) 45 acres clearing right-of-way inside construction line;
- (3) 4500 M. gal. water;
- (4) 220,200 cu. roadway excavation without classification;
- (5) 175,000 cu. yds. overhaul;
- (6) 870 cu. yd. ditch and channel excavation;
- (7) 1800 cu. yd. struc. excav.;
- (8) 962 sta. finishing roadway;
- (9) 31,690 tons crusher run base;
- (10) 14,500 tons mineral aggregate (plant-mix surfacing);
- (11) 770 tons liq. asphalt, ROMC-5 (plant-mix surfacing);
- (12) 120 tons liq. asphalt, SC-2 (prime coat);
- (13) 85 tons liq. asphalt, ROMC-3 (field coat);
- (14) 800 tons stone screening (steel coat);
- (15) 7000 lbs. bar reinf. steel;
- (16) 37 cu. yd. class A portland cement concrete structure;
- (17) 90 lf. 12-in. CMP;
- (18) 9628 lf. 18-in. do.;
- (19) 530 lf. 24-in. do.;
- (20) 158 lf. 36-in. do.;
- (21) 268 lf. 36-in. do.;
- (22) 58 lf. 42-in. do.;
- (23) 54 lf. 54-in. do.;
- (24) 156 lf. removing, cleaning and salvaging CMP;
- (25) 50 lf. removing, cleaning and salvaging CMP;
- (26) 4 each. culvert headwalls removed and reset;
- (27) 98 each. culvert markers;
- (28) 68 each. monuments.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

OAKLAND, Calif.—Until Sept. 14, 1 p. m., bids will be received by the Oakland City Council, W. W. Chapman, City Clerk, City Hall for surfacing 16,235 sq. yds. parking lot at the Oakland Municipal Auditorium.

Plans and specifications may be obtained from the above office.

**BLUE PRINTS AVAILABLE**  
**SACRAMENTO, Cal.**—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work which bids will be opened in Sacramento on September 16th, and in Los Angeles on September 16, 1937.

**VI-A-5-E**—Overhead crossing of the tracks of the S.P.R.R. and W.P.R.R. at Greenville. Bids to be opened in Sacramento: PLANS (No. of Sheets), 10; cost, \$150; CROSS-SECTIONS (No. of Sheets), one; total, \$150.  
**VI-LA-26-MonP**—In Monterey Park, bet. Atlantic Blvd. and New River. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 7; cost, \$0.70; CROSS-SECTIONS (No. of Sheets), 25; cost, \$2.50; VI-Ors-171-A & H1B—Hampshire Ave., bet. Coast Blvd. and Garfield Creek; PLANS (No. of Sheets), 10; cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 59; cost, \$5.90; total, \$6.90.  
 Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Dept. of Public and Industrial Highways, and would accompany the order to this office.

**CONTRACT AWARDED**  
**TEHAMA CO., Calif.**—Garcia Construction Co., Irvington, at \$3,588.75 awarded contract by F. W. Haselord, District Engineer, State Division of Highways, Redding, for applying seal coat to 8.9 miles between a south boundary and Corning.

**BIDS WANTED**  
**LOS ANGELES, Cal.**—Until Sept. 10, 10 a. m., bids will be received by the Los Angeles Board of Public Works for improvement of alleys in block south of 12th Street and west of Grand Ave., under the 1911 Act. Bid. cost, \$3700. Work involves:  
 1) Lump sum, grading (481 cu. yd. fill);  
 2) 16,652 sq. ft. 6-in. conc. pave.;  
 3) 40 sq. ft. asphalt conc. wearing surf., 3 in. thick;  
 4) 30 lf. unplastered light curb;  
 5) 113 sq. ft. 3-in. conc. sidewalk.

**BIDS WANTED**  
**BERKELEY, Alameda Co., Calif.**—Until September 14, 10 a. m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for building a hall on Vassar Avenue near Kenecy, Berkeley.  
 Work involves:  
 1) 743 cu. y. excav.;  
 2) 20 cu. y. excav. below subgrade;  
 3) 166 cu. y. concrete;  
 4) 14,600 lbs. reinf. steel;  
 5) 250 lf. guard fence;  
 6) 2900 sq. ft. waterproofing;  
 7) 256 lf. piling and rock draining.  
 Plans and specifications may be obtained from the above office.

**COMPLETE BIDS**  
**SAN PABLO, Marin Co., Calif.**—Pacific States Construction Co., 705 All Bldg., San Francisco, at \$18,335.00, submitted low bid to the San Rafael City Council, E. W. Smith, City Clerk, City Hall, for the improvement of Lincoln Ave. from a point 717 feet northerly from Linden Ave. to the southerly line of Allman venue.  
 Work involves:  
 1) 3,450 cu. y. excavation;  
 2) 83,500 sq. ft. 4-in. asphalt concrete;  
 3) 83,500 sq. ft. 5-in. rock base;  
 4) concrete curb and shallow sewer protection;  
 5) 36 lf. arch culvert;  
 6) 23 lf. 10-inch CMP;

(7) 1 standard gutter inlet complete, including frame and grating.  
 Total bids follow:  
 (A) Pacific States Const. Co., 705 All Bldg., San Francisco, \$13,313.50  
 (B) E. A. Forde, San Anselmo, \$19,357.50  
 (C) Union Paving Co., San Francisco \$19,657.50  
 (D) A. G. Raich, San Francisco, \$19,851.50  
 (E) Frank Mann, Fairfax, \$20,458.50  
 Unit prices follow—

	(A)	(B)	(C)	(D)	(E)
(1).....	\$ 50	\$ 50	\$ 65	\$ 75	\$ 82
(2).....	1325	15	31	11	13
(3).....	.05	.05	.05	.05	.08
(4).....	11.50	10.00	12.50	15.00	15.00
(5).....	3.50	3.00	10.00	3.00	7.50
(6).....	2.50	1.50	2.00	2.00	1.50
(7).....	70.00	25.00	100.00	100.00	60.00

**BIDS WANTED**  
**PLUMAS CO., Calif.**—Until Sept. 22, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading approaches to Spanish Creek bridge at Quincy, a distance of approximately 0.8 miles.  
 The work involves:  
 1) 60 M gals. water;  
 2) 25,500 cu. y. roadway excav., uncl.;  
 3) 20,000 sta. yds. overhaul;  
 4) 2,800 cu. y. surf. mat.;  
 5) 550 cu. y. excav. for ditch and channel;  
 6) 50 cu. y. struc. excav.;  
 7) 39 sta. yds. finish rdwy.;  
 8) 10,000 lbs. bar reinf. steel;  
 9) 95 cu. y. Class A cement concrete structures;  
 10) 88 lf. 24-in. CMP;  
 11) 220 lf. 30-in. CMP;  
 12) 92 lf. cleaning and salvaging type culvert;  
 13) 4 lf. lam. guard rail;  
 14) 8 each. culvert markers;  
 15) 2 each. clearance markers;  
 16) 15 each. monuments.  
 Plans and specifications obtainable from the above office.

**BIDS WANTED**  
**COCHISE CO., Arizona.**—Until September 10, 10 a. m., bids will be received by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for applying asphaltic surface treatment to about 11.2 miles of the highway about 92 miles north of Flagstaff on the Flagstaff-Fredonia Highway.  
 Work involves:  
 1) 300 M gal. emulsion (CIP);  
 2) 180 hours rolling;  
 3) 11,800 gal. road oil SC-2 (CIP);  
 4) 275 cu. y. hotter material (CIP).  
 Plans and specifications may be obtained at the office of the Arizona Highway Department, 17th Avenue and Jackson St., Phoenix, Ariz.

**BIDS OPENED**  
**SAN BERNARDINO COUNTY, Cal.**  
 George Gardner & Sons, 445 East Congress Ave., Redlands, at \$19,500.00, submitted low bid to the State Division of Highways, Engineer State Bldg., Los Angeles, for applying seal coat to existing pavement on about 8.21 miles between Ampley and Essex and between Vidal and Needles.  
 Work involves:  
 1) 670 tons liquid asphalt SC-4;  
 2) 870 cu. y. sand and broken A;  
 3) 83.7 mil. conc. material for bottom B.  
 Total bid follows:  
 (A) George Gardner & Sons, Redlands \$19,500.00  
 (B) Geo. H. Clark & Co., San Bernardino \$21,250.00  
 (C) J. A. Cassin, Hemet, \$21,775.00  
 (D) R. E. Hayes & A. S. San Diego \$24,120.00  
 (E) W. R. Shriver, Los Angeles \$24,120.00

120.00.  
 (F) A. S. Vinnell Co., Los Angeles, \$24,627.50.  
 Unit prices follow:  

	(A)	(B)	(C)	(D)	(E)
(A).....	\$16.00	\$2.00	\$100.00		
(B).....	16.00	1.50	135.00		
(C).....	20.00	1.50	100.00		
(D).....	17.00	2.50	150.00		
(E).....	17.00	2.50	150.00		
(F).....	17.55	2.00	170.00		

**BIDS WANTED**  
**OKANOGAN County, Ore.**—Until Sept. 15, 10 A. M., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for highway clearing, Loup Loop Highway Clearing Project 28-D, Washington National Forest Road Project, Clelan National Forest, Okanogan County.  
 Work involves:  
 1) 65 acres clearing;  
 2) 10 acres roadside cleanup;  
 3) 200 sq. ft. dangerous trees and snags.  
 Plans and specifications may be obtained at the above office.

September 2, 1937  
**CONTRACT AWARDED**  
**IMPERIAL COUNTY, Calif.**—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at \$5,990 awarded contract by the State Highway Dept., 1465 Harbor Blvd., San Diego, for highway oiling in Imperial county between Trifolium Canal and 7 miles north of Kane Springs (X1-1mp-26-B.C.) about 14.3 miles in length, seal coat to be applied.

**CONTRACT AWARDED**  
**ORMSKY CO., Nevada.**—As previously reported, Silver State Constr. Co., Inc., Fallon, Nevada, at \$44,120, awarded contract by Robert A. Allen, State Highway Engineer, Carson City, for approximately 0.66 miles highway construction from the Nevada State Prison, Engineer's Station "A" 89-6172 to a point approximately 9 mile east, Engineer's Station "B" 125-3734, Ormsky County.  
 Work involves:  
 1) 416 A clearing;  
 2) 167 lf. remove culvert pipe;  
 3) 6,771 cu. y. rdwy. excav.;  
 4) 15,062 yd. sta. overhaul (yard 840 yd.);  
 5) 220 yd. mile overhaul (yd. ml.);  
 6) 40 cu. y. struc. excav.;  
 7) 167 M gals. water;  
 8) 50 ton-hq. asphalt Type SC2;  
 9) 72 cu. y. backfill;  
 10) 33 sta. surface ditches;  
 11) 6 cu. y. Class B concrete;  
 12) 140 lbs. point steel;  
 13) 125 lf. 18-in. CMP (dipped);  
 14) 16 each. monuments;  
 15) 70 cu. y. rock cleanup;  
 16) 1 lump sum, roadside cleanup.  
 Total bids follow:  
 1) Silver State Co., Inc., \$4 10 29  
 2) Nevada Rock & Sand Co., Inc., Reno, 4,965.36  
 3) Pacific States Const. Co., Reno, 5,665.94  
 4) The L. C. Co., Inc., Reno, 6,998.54  
 5) E. J. O'Connell, Nevada, 6,998.54

Unit prices follow—

	(A)	(B)	(C)	(D)
(1).....	\$2.00	\$2.00	\$25.00	\$25.00
(2).....	.70	.70	1.00	1.00
(3).....	.25	.25	.40	.50
(4).....	.05	.05	.02	.02
(5).....	.30	.25	.25	.30
(6).....	1.00	1.50	1.50	1.50
(7).....	1.00	1.00	2.00	2.00
(8).....	1.00	1.00	1.00	20.00
(9).....	1.00	1.00	1.00	1.00
(10).....	1.00	1.00	1.00	1.00
(11).....	1.00	1.00	1.00	1.00
(12).....	1.00	1.00	1.00	1.00
(13).....	1.00	1.00	1.00	1.00
(14).....	1.00	1.00	1.00	1.00
(15).....	1.00	1.00	1.00	1.00
(16).....	1.00	1.00	1.00	1.00
(17).....	1.00	1.00	1.00	1.00
(18).....	1.00	1.00	1.00	1.00
(19).....	1.00	1.00	1.00	1.00
(20).....	1.00	1.00	1.00	1.00
(21).....	1.00	1.00	1.00	1.00
(22).....	1.00	1.00	1.00	1.00
(23).....	1.00	1.00	1.00	1.00
(24).....	1.00	1.00	1.00	1.00
(25).....	1.00	1.00	1.00	1.00
(26).....	1.00	1.00	1.00	1.00
(27).....	1.00	1.00	1.00	1.00
(28).....	1.00	1.00	1.00	1.00
(29).....	1.00	1.00	1.00	1.00
(30).....	1.00	1.00	1.00	1.00
(31).....	1.00	1.00	1.00	1.00
(32).....	1.00	1.00	1.00	1.00
(33).....	1.00	1.00	1.00	1.00
(34).....	1.00	1.00	1.00	1.00
(35).....	1.00	1.00	1.00	1.00
(36).....	1.00	1.00	1.00	1.00
(37).....	1.00	1.00	1.00	1.00
(38).....	1.00	1.00	1.00	1.00
(39).....	1.00	1.00	1.00	1.00
(40).....	1.00	1.00	1.00	1.00
(41).....	1.00	1.00	1.00	1.00
(42).....	1.00	1.00	1.00	1.00
(43).....	1.00	1.00	1.00	1.00
(44).....	1.00	1.00	1.00	1.00
(45).....	1.00	1.00	1.00	1.00
(46).....	1.00	1.00	1.00	1.00
(47).....	1.00	1.00	1.00	1.00
(48).....	1.00	1.00	1.00	1.00
(49).....	1.00	1.00	1.00	1.00
(50).....	1.00	1.00	1.00	1.00
(51).....	1.00	1.00	1.00	1.00
(52).....	1.00	1.00	1.00	1.00
(53).....	1.00	1.00	1.00	1.00
(54).....	1.00	1.00	1.00	1.00
(55).....	1.00	1.00	1.00	1.00
(56).....	1.00	1.00	1.00	1.00
(57).....	1.00	1.00	1.00	1.00
(58).....	1.00	1.00	1.00	1.00
(59).....	1.00	1.00	1.00	1.00
(60).....	1.00	1.00	1.00	1.00
(61).....	1.00	1.00	1.00	1.00
(62).....	1.00	1.00	1.00	1.00
(63).....	1.00	1.00	1.00	1.00
(64).....	1.00	1.00	1.00	1.00
(65).....	1.00	1.00	1.00	1.00
(66).....	1.00	1.00	1.00	1.00
(67).....	1.00	1.00	1.00	1.00
(68).....	1.00	1.00	1.00	1.00
(69).....	1.00	1.00	1.00	1.00
(70).....	1.00	1.00	1.00	1.00
(71).....	1.00	1.00	1.00	1.00
(72).....	1.00	1.00	1.00	1.00
(73).....	1.00	1.00	1.00	1.00
(74).....	1.00	1.00	1.00	1.00
(75).....	1.00	1.00	1.00	1.00
(76).....	1.00	1.00	1.00	1.00
(77).....	1.00	1.00	1.00	1.00
(78).....	1.00	1.00	1.00	1.00
(79).....	1.00	1.00	1.00	1.00
(80).....	1.00	1.00	1.00	1.00
(81).....	1.00	1.00	1.00	1.00
(82).....	1.00	1.00	1.00	1.00
(83).....	1.00	1.00	1.00	1.00
(84).....	1.00	1.00	1.00	1.00
(85).....	1.00	1.00	1.00	1.00
(86).....	1.00	1.00	1.00	1.00
(87).....	1.00	1.00	1.00	1.00
(88).....	1.00	1.00	1.00	1.00
(89).....	1.00	1.00	1.00	1.00
(90).....	1.00	1.00	1.00	1.00
(91).....	1.00	1.00	1.00	1.00
(92).....	1.00	1.00	1.00	1.00
(93).....	1.00	1.00	1.00	1.00
(94).....	1.00	1.00	1.00	1.00
(95).....	1.00	1.00	1.00	1.00
(96).....	1.00	1.00	1.00	1.00
(97).....	1.00	1.00	1.00	1.00
(98).....	1.00	1.00	1.00	1.00
(99).....	1.00	1.00	1.00	1.00
(100).....	1.00	1.00	1.00	1.00

**COMPLETE BIDS**

**PLACER COUNTY, Calif.**—Fredrickson & Westbrook, P.O. Box 138, Lower Lake, at \$14,330, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 S. St., Marysville, for surfacing with road-mix surfacing two miles between Gold Run and Airport, Placer County.

- Work involves:
- (1) 3,550 tons mineral agg (road-mix surfacing);
  - (2) 160 tons liquid asph., ROMC-3.
- Total bids follow:
- (A) Fredericksen & Westbrook, Lower Lake—\$14,330.
  - (B) Garcia Const. Co., Irvington—\$14,382.50.
  - (C) Piazza & Huntley, San Jose—\$14,981.50.
  - (D) The Hubert & Son, Inc., Sacramento—\$16,902.80.
  - (E) Granite Const. Co., Ltd., Watsonville—\$17,951.50.

Unit prices follow:

	(1)	(2)
(A) .....	\$3.00	\$23.00
(B) .....	3.15	20.00
(C) .....	3.17	23.30
(D) .....	3.64	24.88
(E) .....	3.93	25.00

**BIDS OPENED**

**SAN FRANCISCO**—The Fay Improvement Co., 760 Market St., at \$7,950, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Girard St. between the northerly line of Ward St. and the northerly line of Mansell St. and other locations in the vicinity.

- Work involves:
- (1) 11,730 c.y. excav.;
  - (2) 980 c.y. embankment;
  - (3) 265 lf. 18-in. VCP sewer;
  - (4) 35 lf. 15-in. do.;
  - (5) 520 lf. 12-in. do.;
  - (6) 430 lf. 8-in. do.;
  - (7) 7 18x6-in. Y branches;
  - (8) 28 12x6-inch do.;
  - (9) 24 8x6-in do.;
  - (10) 5 brick manholes;
  - (11) 6 brick catchbasins;
  - (12) 180 lf. 10-in. VCP culvert.

Estimated cost, \$10,260.  
Total bids follow:

- (A) The Fay Imp. Co., 760 Market St. S. F. .... \$7,950.85
- (B) Chas. L. Harney ..... 8,880.90
- (C) M. J. Lynch ..... 9,974.20
- (D) Eaton & Smith ..... 10,526.70
- (E) Plomho Bros. & Co. .... 11,912.60

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) .....	\$ 35	41	50	54	62
(2) .....	22	01	24	01	20
(3) .....	2.81	3.25	2.50	3.36	3.00
(4) .....	2.39	2.75	2.70	2.76	3.00
(5) .....	1.63	1.85	2.00	1.87	2.00
(6) .....	1.90	1.90	1.70	1.29	1.50
(7) .....	3.50	5.00	5.00	3.20	10.00
(8) .....	2.00	3.00	3.00	1.60	5.00
(9) .....	1.50	1.00	2.00	1.60	2.50
(10) .....	93.50	100.00	90.00	112.00	100.00
(11) .....	86.50	90.00	89.00	112.00	100.00
(12) .....	1.40	1.65	1.50	1.60	2.00

**BIDS OPENED**

**SAN FRANCISCO**—The Fay Improvement Co., 760 Market St., at \$1801.01, submitted low bid to the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of the westerly half of Funston Avenue between Taraval St. and 100 feet south, and three other portions of Funston Avenue.

- The work involves:
- (1) 20 lf. 6-in vit clay pipe side sewers;
  - (2) 144 sq ft Class E concrete center strip pavement;
  - (3) 5276 sq. ft asphaltic concrete pavement, consisting of 4-inch asphaltic concrete base and 2-in. asphaltic concrete;
  - (4) 413 sq ft remove existing asphalt concrete pavement, consisting of

a concrete base and an asphaltic concrete wearing surface, and replace with Class E concrete center strip pavement.  
Estimated cost, \$1570.

Total bids follow:

- (A) The Fay Improvement Co., 760 Market St., S. F.—\$1801.01.
- (B) Lowrie Paving Co., S. F.—\$2,094.03.

Unit prices follow:

	(A)	(B)
(1) .....	\$1.25	\$2.50
(2) .....	27	25
(3) .....	23	28
(4) .....	42	50

**BIDS WANTED**

**GILA COUNTY, Ariz.**—Until Sept. 17, 2 P. M., bids will be received by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for sub-grading 2 1/2 miles at the highway junction about one-half mile east of Globe on the Globe-Showlow Highway, F. A. 99-B.

- Work involves:
- (1) 2,779 miles subgrading roadway
  - (2) 2000 cu. yds. ref. finishing slopes
  - (3) 214,755 c.y. select material (CIP);
  - (4) 5,500 tons agg. base course (CIP)
  - (5) 4375 M. gals. sprinkling (CIP);
  - (6) 150 hours rolling;
  - (7) 4,500 tons mineral agg. (CIP);
  - (8) 270 tons cutback asphalt, MC-4 (CIP);
  - (9) 2,779 miles processing road-mix;
  - (10) 450 tons screenings (CIP);
  - (11) 6 tons blotter material (CIP).

Plans and specifications may be obtained at the office of the Arizona Highway Department, 17th and Jackson Sts., Phoenix.

**BIDS WANTED**

**LOS ANGELES COUNTY, Calif.**—Until Sept. 23, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and paving 1 1/2 miles with Portland cement concrete, plant-mixed surfacing between Trancas Beach and Walnut Canyon, Los Angeles County.

- Work involves:
- (1) 84 sta. clear and grub right-of-way;
  - (2) 3000 M. gals. water;
  - (3) 590 c.y. removing existing conc.;
  - (4) 170,000 c.y. rdwy. excav., unclass.
  - (5) 1200 c.y. struc. excav.;
  - (6) 1000 c.y. ditch and channel excav
  - (7) 500,000 sta. yds. overhead;
  - (8) 11,000 c.y. sand subgrade treatment;

- (9) 51,000 sq. yds. subgrade blending
- (10) 20,300 sq. yds. preparing subgrade;
- (11) 84 sta. finishing rdwy.;
- (12) 55 tons liquid asph. SC-2 (prime coat);
- (13) 500 tons mineral agg. (plant-mixed surfacing);
- (14) 295 tons liquid asphalt, ROMC-4 or ROMC-5 (do);
- (15) 28,000 sq. yds. prepare, mix and shape shoulders;
- (16) 340 tons liquid asphalt, SC-2 (shoulders);
- (17) 4,100 c.y. Class A Portland cement concrete pavement;
- (18) 7,600 each pavement dowel;
- (19) 16,500 lbs. bar reinf. steel, pavement and structure;
- (20) 30 c.y. Class A Portland cement concrete structure;
- (21) 460 lf. 8-in. CMP;
- (22) 210 lf. 18-in. do.;
- (23) 720 lf. 24-in. do.;
- (24) 610 lf. 20-in. CMP;
- (25) 60 lf. removing and salvaging pipe culvert;
- (26) 27 each spillway assemblies;
- (27) 340 c.y. Class A Portland cement concrete curb;
- (28) 22 each culvert markers;
- (29) 3.1 miles removing and setting property fences;

- (30) 4 each drive gates;
- (31) 700 lbs. misc. iron and steel

Items 4, 6 and 21 previously reported incorrectly.

Plans and specifications obtainable from the above office.

**BIDS WANTED**

**STATE OF OREGON**—Until September 14, 9 a.m., bids will be received by the Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, for highway improvement and bridge construction, as follows:

**Clatsop County:** Construction concrete bridge over South For Quartz Creek about 5.5 mi. east of Elsie on the Wolf Creek Highway Federal Aid Project No. 181-E. Requires approx. 700 cu. yds. excavation; 210 cu. yds. concrete, and 31,000 lbs. metal reinforcement.

**Douglas and Jackson Counties:** Diamond Lake Rock Production Project on West Diamond Lake and Crater Lake-North Secondary Highway, State Project. Furnishing of 10,300 cu. yds. crushed rock in stock piles.

**Grant County:** Forest Boundary Long Creek Section of Pendleton John Day Highway, State Project. Furnishing of 5,200 cu. yds. crushed rock in stock piles.

**Hood River County:** Bloucher Section of Hood River Secondary Highway Federal Aid Secondary Project No. FAS 253-B; 1.6 mi. surfacing and furnishing of 4,000 cu. yds. crushed rock in stock piles. Requires approximately 9,900 cu. yds. crushed rock; and 18,800 sq. yds. oil mat surface treatment.

**Lincoln County:** Siletz Highway Surfacing and Rock Production Project on Siletz Secondary Highway, State Project; 16.7 mi. surfacing and furnishing of 5,400 cu. yds. crushed material in stock piles. Requires approximately 5,100 cu. yds. quarry rock; and 18,200 cu. yds. crushed rock on washed gravel.

**Mutnomah County:** Construction of approximately 234 lineal feet of treated timber bulkhead along the Mount Hood Highway in the town of Gresham, State Project. Requires approximately 450 cu. yds. excavation; 6600 lin. ft. 12-in. x 12-in. treated sheet piling; 45 cu. yds. concrete; 2,000 lbs. metal reinforcement; 14,000 lbs. structural steel; 20 MFEM treated lumber, and 6 cu. yds. asphaltic concrete.

**Wasco County:** The Dalles Road Side Improvement Project on the Columbia River Highway, Federal Aid Project No. 36-C. Requires approximately 5,000 cu. yds. rock excavation.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon deposit of \$5.00.

**COMPLETE BIDS**

**COLUSA COUNTY, Calif.**—Garcia Const. Co., Irvington, at \$7,645, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 S. St., Marysville, for surfacing with road-mix surfacing 2.7 miles between Geneva and 2.7 miles north, Colusa County.

- Work involves:
- (1) 3,500 c.y. mineral aggregate;
  - (2) 910 tons liquid asphalt, ROMC-3
  - (3) 2.7 miles spreading, mixing and compacting surfacing material.

Total bids follow:

- (A) Garcia Const. Co., Irvington—\$7,645
- (B) Humphreest & Bell, Marysville—\$8,460
- (C) Ernest E. Smith, Eureka—\$8,895
- (D) Tieslau Bros., Berkeley—\$9,759.50

- Helwig Const. Co., Sebastopol—\$9,830.
  - Geo. French, Jr., Stockton—\$9,845.
  - Granite Const. Co., Ltd., Watsonville—\$10,455.
  - Frank Embleton, Albany—\$11,650.
  - M.J.B. Const. Co., Stockton—\$12,250.
  - A. Teichert & Son, Inc., Sacramento—\$13,280.
- Unit prices follow:
- |       | (1)    | (2)     | (3)     |
|-------|--------|---------|---------|
| ..... | \$0.65 | \$18.50 | \$50.00 |
| ..... | 0.60   | 20.00   | 800.00  |
| ..... | 0.60   | 24.00   | 650.00  |
| ..... | 1.00   | 19.20   | 825.00  |
| ..... | 1.30   | 20.00   | 400.00  |
| ..... | 1.15   | 20.00   | 600.00  |
| ..... | 1.05   | 22.00   | 800.00  |
| ..... | 1.55   | 20.00   | 750.00  |
| ..... | 1.70   | 24.50   | 700.00  |
| ..... | 1.90   | 20.00   | 900.00  |

**NOTICE OF INTENTION**  
**SAN FRANCISCO, Calif.**—The Department of Public Works, Room 251, City Hall, announces intention to improve Duncan Street between Diamond and Castro Streets, and of a proposed diagonal street between the northwest corner of 27th and Castro streets and the north line of Duncan street.

- The work will involve:
- 8-in. VCP sewer, in place;
  - 12-in. do.;
  - Brick manholes, complete;
  - 8-in. by 6-in. Y branches, in pl.;
  - 12-in. by 6-in. Y branches, in pl.

**RESERVOIRS & DAMS**

**BIDS WANTED**  
**ALCOVA DAM, Wyo.**—Until October 1, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 754, for motor-driven gate hoists for operating the 25 ft. 8 in. by 40 ft. head-wheel gates to be installed in the Spillway at the Alcovia Dam, Kendrick Project, Wyoming. Gate hoists will be installed by the Government, at shipping point and/or assembler, Wyoming.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**  
**SACRAMENTO, Calif.**—M. J. Ruddy and Geo. E. Murray, Modesto, at \$957, submitted low bid to Lieutenant L. B. Chambers, District Engineer, U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for raising and strengthening the existing levee, and constructing a new levee along the west bank of the Sacramento river, from approximately 2100 feet upstream from Sycamore Warehouse to downstream 1950 feet. Estimated cost, \$9,237.86.

- Work involves:
- 68,000 c.y. levee;
  - 1,600 c.y. inspection trench;
  - 1,000 c.y. irrigation ditch;
  - 2,400 c.y. road approach.

- Total bids follow:
- M. J. Ruddy and Geo. E. Murray, Modesto—\$7,957.
  - Kuhn Bros., Inc., Manhattan Beach—\$8,030.
  - Hemstreet & Bell, Marysville—\$8,030.
  - J. P. Immell, Ventura—\$8,577.50.
  - Olympian Dredging Co., S. F.—\$9,482.70.
  - A. Teichert & Son, Inc., Sacramento—\$10,877.
  - Bundensen & Lauritzen, Pittsburg—\$11,242.
  - J. R. Reid—\$12,410.
  - R. A. Farish, San Francisco—\$14,735.
  - Weslun Bros., Inc., Berkeley—\$14,311.
  - C. Dudley DeVelbiss, Oakland—\$14,600.

**SAN BERNARDINO COUNTY—BRIDGE—(State)**

**SAN BERNARDINO COUNTY, Cal.**—Oswald Bros., 366 E. 58th St., Los Angeles, at \$13,326.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete slab bridge across Cable Creek, 7 miles north of San Bernardino, consisting of two 21-ft. spans and one 24-ft. span on concrete bents and about 2 mi. of roadway approaches to be graded and surfaced with plant-mixed surfacing medium curing type.

- Work involves:
- 1) 1 lot portions existing concrete dip and rock riprap to be removed and disposed of;
  - 2) 75 M. gals. water;
  - 3) 2,650 c.y. rdwy. excav., unclass.;
  - 4) 550 c.y. struc. excav.;
  - 5) 12 sta. finishing roadway;
  - 6) 250 tons of mineral aggregate plant-mix surf.;
  - 7) 13 tons liq. asph., MC-4, plant-mix surf.;
  - 8) 20 tons do. SC-4, road-mix treatment;
  - 9) 3,000 sq. yds. preparing, mixing,

- and shaping shoulders and de-
- 10) 2 tons liquid asphalt, MC-3 seal coat;
- 11) 17 tons stone screenings, do.;
- 12) 400 sq. yds. asph. paint binder;
- 13) 200 c.y. salvaged detour surf.;
- 14) 35,000 lbs. bar reinl; steel;
- 15) 300 c.y. Class A portland cement concrete;
- 16) 184 lf. timber railing;
- 17) 10 each, monuments, in place;
- 18) 1 lot misc. items of work.

- Total bids follow:
- (A) Oswald Bros., Los Angeles, \$13,326.00.
  - (B) George Herz & Co., San Bernardino, \$13,340.
  - (C) Claude Fisher Co., Ltd., Los Angeles, \$13,477.
  - (D) J. E. Haddock, Ltd., Pasadena, \$13,531.70.
  - (E) Dimmitt & Taylor, Los Angeles, \$13,569.25.
  - (F) J. R. Lippincott, Los Angeles, \$14,938.
  - (G) Martin Green, San Bernardino, \$15,670.
  - (H) Oscar Oberg, Los Angeles, \$16,651.65.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$250.00	\$650.00	\$525.00	\$200.00	\$350.00	\$518.00	\$575.00	\$500.00
(2)	1.50	1.50	1.00	1.25	1.75	1.20	2.50	1.00
(3)	.....	25	.57	.50	.45	.35	1.00	.57
(4)	.....	1.50	1.40	1.00	1.00	1.50	1.38	1.20
(5)	.....	10.00	7.00	10.00	10.00	15.00	10.00	15.00
(6)	.....	3.25	3.10	3.50	3.25	2.60	2.50	3.00
(7)	.....	17.00	17.00	15.00	19.00	14.50	18.00	19.00
(8)	.....	12.00	12.00	10.50	11.00	12.00	22.00	10.80
(9)	.....	.10	.12	1.255	.06	.08	.22	.15
(10)	.....	25.00	37.00	30.00	34.00	40.00	30.00	40.00
(11)	.....	2.50	3.00	3.00	2.75	3.00	5.00	3.00
(12)	.....	.03	.04	.05	.03	.05	.05	.05
(13)	.....	.75	1.25	1.50	1.15	1.00	2.50	1.20
(14)	.....	.06	.055	.055	.055	.06	.055	.058
(15)	.....	22.00	18.50	20.00	23.00	23.00	17.00	24.00
(16)	.....	2.00	1.50	1.50	1.30	1.50	3.00	3.50
(17)	.....	3.00	3.00	3.00	3.00	3.00	2.50	3.00
(18)	.....	250.00	340.00	400.00	300.00	300.00	300.00	800.00

Unit prices will be published shortly.

**BIDS WANTED**  
**TUOLUMNE COUNTY, Cal.**—Until September 17, 3 P. M., bids will be received by the Public Utilities Commission, Room 267, City Hall, San Francisco, under Hutch Hetchy Contract No. 171, for furnishing and installing a traveling water screen in Lawn Cherry Aqueduct in Tuolumne County.

Plans and specifications may be obtained at Room 605, San Francisco Water Department Building, 425 Mason Street, upon deposit of \$10.

**CONTRACT AWARDED**  
**VENTURA, Ventura Co., Cal.**—J. P. Immell, P. O. Box 192, Ventura, at \$7,036.25 was awarded contract by Ventura city council for construction of an earth embankment type reservoir for the city of Ventura in accordance with plans prepared by Carl Froerer, city engineer.

**BIDS OPENED**  
**SACRAMENTO, Calif.**—M. J. Ruddy and Geo. E. Murray, Modesto, at \$7,957, submitted low bid to Lieutenant L. B. Chambers, District Engineer, U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for raising and strengthening the existing levee and constructing a new levee along the west bank of the Sacramento river, consisting of 73,000 c.y. levee and approximately 2100 ft. southerly from Sycamore Warehouse downstream 1,950 feet. Estimated cost, \$9,237.86.

Total bids follow:

- (A) M. J. Ruddy and Geo. E. Murray, Modesto, at \$109 per c.y.,

- total, \$7,957.
- (B) Kuhn Brothers, Inc., Manhattan Beach, at \$11 per c.y., total, \$8,030.00.
- (C) Hemstreet & Bell, Marysville, at \$11 per c.y., total, \$8,030.
- (D) J. P. Immell, Ventura, at \$1175 per c.y., total, \$8,577.50.
- (E) Olympian Dredging Co., S. F., at \$1299 per c.y., total, \$9,482.70.
- (F) A. Teichert & Son, Inc., Sacramento, at \$149 per c.y., total, \$10,877.00.
- (G) Bundensen and Lauritzen, Pittsburg, at \$154 per c.y., total, \$11,242.00.
- (H) J. R. Reeves, Sacramento, at \$17 per c.y., total, \$12,410.
- (I) R. A. Farish, San Francisco, at \$195 per c.y., total, \$14,225.
- (J) Theisler Brothers, Inc., Berkeley, at \$195 per c.y., total, \$14,381.
- (K) C. Dudley DeVelbiss, Oakland, at \$20 per c.y., total, \$14,600.

**BIDS WANTED**  
**LOS ANGELES, Cal.**—Until Sept. 21, 2 p.m., bids will be received by the Los Angeles county supervisors for the application of bituminous enamel upon interior surfaces of valves and outlet pipes of San Gabriel Dam No. 1, including the furnishing of all necessary materials and equipment. In accordance with plans and specifications prepared by C. H. Howell, chief engineer, 751 S. Figueroa St., Los Angeles. Copies of the plans and specifications may be obtained from the engineer upon payment of \$2.40, not returnable. Certified or cashier's check or bidder's bond for 10% must accompany each proposal. The items are:

- (1) 7000 sq. ft. interior surface of valves.

**PLANS BEING COMPLETED**

**PHOENIX, Maricopa Co., Ariz.**—Asst. Commissioner Wm. Zimmerman of the Indian Bureau has announced that the bureau will advertise for bids probably within 10 days for the construction of the Head Gate Rock diversion dam on the Colorado River Reservation in Arizona as the first unit of a 10,000 irrigation development. Plans are being completed and as planned at the present time provide for a weir type structure between 10 and 12 feet in height with a crest length of 1600 ft. The program of canal and lateral construction, drainage system, etc., covers a 10-year period. \* 30

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.**—Until Sept. 7, 5 P. M., bids will be received by the Board of Trustees of the Kern county union high school district for furnishing steel casing for a water well on the site of the proposed East Bakersfield School.

Plans and specifications may be obtained from the office of T. L. McCuen, Business Manager, C. F. Moore Clerk

**LOW BIDDERS**

**LOS ANGELES**—Low bidders on various schedules for constructing the Palos Verdes feeder of the Colorado River Aqueduct, Spec. 225, were reported by Metropolitan Water District as follows (this were still being read late yesterday and had not been opened for some schedules; the list of low bids consequently is as complete as possible at press time, but is subject to later additions and corrections, and probably will not be verified by district officials until late today or tomorrow).

Sch. 21-P—United Concrete Pipe Corp., Box 1, Sta. H, Los Angeles—\$731,192.75.

Sch. 21-P—R G Clifford, 215 Market St., San Francisco—\$728,018.30

Sch. 21-SC—R G Clifford—\$756,996.45.

Sch. 21-SE—United Concrete Pipe Corp. \$757,312.25.

Sch. 22-P—D. W. Thurston, 412 W 6th St., Los Angeles—\$683,662.25.

Sch. 22-S—J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles—\$693,910.

Sch. 22-SC—Morrison-Knudsen Co., 411 W 5th St., Los Angeles—\$684,157.50.

Sch. 22-SE—Morrison-Knudsen Co.—\$674,673.75.

Sch. 23-P—American Concrete and Steel Pipe Co., 4655 Firestone Blvd., South Gate—\$922,768.50.

Sch. 23-S—J. F. Shea Co., Inc.—\$813,484.25.

Sch. 23-SC—United Concrete Pipe Corp. \$881,772.35.

Sch. 23-SE—Morrison-Knudsen Co. \$877,133.50.

Complete list of bid items published in the Daily Pacific Builder July 30, 1937.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS OPENED**

**GLENDALE, Los Angeles Co., Cal.**—Geo. R. Curtis Paving Co., 2410 E 26th St., Los Angeles, at \$5,977.20 submitted the bid to Glendale city council for construction of culverts at intersections of Grandview Ave. with San Fernando Road and with Island St.

- Work involves:
- (1) 25 cu. yd. excav. and disposal
  - (2) 150 cu. excavation
  - (3) 60 cu. yd. F concrete
  - (4) 25 cu. yd. high early strength concrete

**ELKO COUNTY—HIGHWAY CONSTRUCTION—(State)**

**ELKO CO., Nev.**—As previously reported, Utah Const. Co., Ogden, Utah, at \$49,070.63, was awarded contract by Robt. A. Allen, State Highway Engineer, Carson City, Nevada, for the construction of approximately 8.25 miles state highway in Elko County, 2 miles north of Dinner Station to point 10.25 miles north of Dinner Station, Route 43, Section A.

- Work involves:
- (1) 42 acres clearing;
  - (2) 395 lf. remove fence;
  - (3) 84,330 cu. yd. excav.;
  - (4) 2100 cu. yd. drainage excav.;
  - (5) 56 sta. V type ditches;
  - (6) 4.775 cu. borrow;
  - (7) 54,663 yd. sta. overhaul (yd. sta.);
  - (8) 792 yd. mile overhaul (yd. ml.);
  - (9) 530 cu. yd. struc. excav.;
  - (10) 8.25 mi. subgrade, Type C;
  - (11) 40,656 tons Type 1, gravel base;
  - (12) 85 cu. yd. Class A concrete;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$20.00	\$15.00	\$25.00	\$20.00	\$40.00	\$25.00
(2)	.03	.05	.05	.08	.10	.03
(3)	.24	.27	.25	.25	.31	.35
(4)	.30	.40	.40	.75	.40	.75
(5)	5.00	1.00	7.50	7.00	7.00	5.00
(6)	.24	.25	.25	.37	.35	.30
(7)	.01	.01	2.10	2.15	.02	.02
(8)	.20	.15	.20	.25	.15	.25
(9)	2.00	1.00	1.50	1.20	1.50	1.50
(10)	75.00	100.00	100.00	220.00	150.00	100.00
(11)	.40	.37	.40	.42	.45	.40
(12)	32.00	35.00	30.00	37.50	32.00	35.00
(13)	32.00	35.00	30.00	27.50	35.00	35.00
(14)	2.10	1.90	2.10	2.15	2.25	2.50
(15)	3.15	2.75	4.00	3.15	3.25	3.50
(16)	4.20	3.25	4.50	3.80	4.00	4.50
(17)	5.60	5.00	6.00	5.80	6.00	6.35
(18)	.10	.08	.08	.10	.07	.08
(19)	.12	.12	.12	.10	.12	.13
(20)	125.00	100.00	125.00	100.00	150.00	150.00
(21)	3.50	3.00	3.00	4.00	4.00	4.00
(22)	1.25	1.12	1.15	1.15	.17	1.12
(23)	22.00	25.00	37.5	30.00	30.00	25.00

- (5) 6700 lbs. reinf. steel;
  - (6) 60 cu. ft. Class B curb;
  - (7) 4 only frames and grates;
  - (8) 8 rails, supports and adapters, 5 ft. 1/2-in. long;
  - (9) 500 lbs. galv. angles, anchor bolts and supports;
  - (10) 2 concrete manhole covers;
  - (11) 5700 lbs. struc. steel angles, 3 1/2 x 3 1/2 x 3/4-in. black;
  - (12a) 682 sq ft I beamlock slab H 20 loading, 3 1/2-ft. wide;
  - (12b) 655 sq. ft. same, 4 1/2-ft. wide;
  - (13) 26 ft 12-in. Class D cast iron pipe;
  - (14) 500 sq ft. expansion material.
- Total bids follow:
- (A) Geo. R. Curtis Paving Co., Los Angeles, \$5977.20.
  - (B) Houser & Garnett, Glendale, \$6,678.00.
  - (C) W. R. Shriver, Los Angeles, \$7,092.70.

Unit bids follow:

	(A)	(B)	(C)
(1)	\$ 3.50	\$ 4.00	\$ 5.00
(2)	.50	1.65	1.50
(3)	17.00	18.00	22.50
(4)	14.00	20.00	24.00
(5)	.046	.06	.065
(6)	.60	.60	.75
(7)	115.00	160.00	125.00
(8)	30.00	37.00	40.00
(9)	.325	.17	.20
(10)	6.00	8.50	10.00
(11)	.065	.20	.03
(12)	1.50	1.50	1.60
(13)	3.50	3.10	2.00
(14)	.25	.10	.20

**PROPOSED PLAN**

**TORRANCE, Los Angeles Co., Cal.**—Frank R. Leonard, city engineer of Torrance and F. M. Andreadi, former commissioner Los Angeles Harbor Dept. are sponsoring a proposal to drain Bixby and Nigger Sloughs to provide an additional 300 acres for

- (13) 29 cu. yd. Class B concrete;
- (14) 1346 lf. 18-in. CMP (dipped);
- (15) 280 lf. 24-in. do.;
- (16) 122 lf. 30-in. do.;
- (17) 154 lf. 36-in. do.;
- (18) 7570 lbs. reinf. steel;
- (19) 13,500 lbs. struc. steel;
- (20) 40 lf. FBM untreated Douglas fir;
- (21) 30 each. monuments;
- (22) 5,405 lf. construct fence;
- (23) 6 each, 16 ft. steel gates.

Total bids follow:

- (A) Utah Const. Co., Ogden, \$49,070.63
- (B) Geo. French, Jr., Stockton 49,913.47
- (C) Dodge Const. Inc., Fallon 51,932.86
- (D) Heafey-Moore Co., Fredrickson & Watson, Fredrickson Bros. Oakland, Calif. 52,485.90
- (E) Nevada Rock & Sand Co., Inc., Reno, Nev. 58,639.57
- (F) Isbell Const. Co., Fresno 59,245.97

Unit prices follow:

industrial purposes. The cost of draining Bixby Slough is \$81,300 and the proposed plan calls for construction of two reinf. conc. conduits, each 30 ft. by 15 ft. extending from the slough to the west basin of the Los Angeles harbor. The promoters hope to eventually evolve a ship channel out of the proposed project \* 2

**CONTRACTS AWARDED**

**SAN FRANCISCO, Calif.**—Clinton Construction Co. of California, 923 Folsom Street, at \$252,500 (Proposition A—structural work), and Anderson & Rowe, 45 Belcher Street, at \$172,589 (Proposition B—mechanical work), were awarded contracts by the Department of Public Works, Rm. 251, City Hall, San Francisco, under Spec. No. 19023, for the construction of Richmond-Sunset Sewage Treatment Plant. Estimated cost, \$482,000.

Complete bids published August 19, 1937.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Sept. 15, 10 a. m., bids will be received by Los Angeles Board of Public Works for Central Outfall Sewer repairs between West Blvd. and Coast Blvd.; cash contract. Work involves preparing surf; removing all bulkheads and debris; furnishing and placing electric welded galv. wire fabric, No. 12 wire, transverse 12-in. spacing, No. 12 wire, longitudinal 4-in. spacing, Clinton or equal reinf. at 80.15 sq. ft. of surf covered, for which contractor will be paid in accordance with unit price bid for extra work; gunning interior surface of sewer and 44 manholes. Bids will be received on: (1) per cubic cement used and included in work and including labor and material appurtenant thereto.

**CONTRACT AWARDED**

**HUNTINGTON BEACH.** Orange Co., Calif. — A. L. Gabrielson, 3316 Comer Ave., Riverside, at \$14,946.70, awarded contract by the Huntington Beach city council, C. R. Furr, City Clerk, for the construction of a drainage system and storm drains in the city center along Orange and 13th Streets. Plans provide for the construction of a 32-inch reinforced concrete drain from the intersection of the above streets to the ocean front. The estimated cost is \$16,000. Harry Overmyer, city engineer, prepared the plans.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Sept. 10, 3 P. M., bids will be received by the San Francisco Bay Exposition Co., 555 Bush St., for the construction of the first unit, sanitary sewer system, Yerba Buena Shoals.

- Work involves:
- (1) 1998 lf. 16-in. welded steel pipe;
  - (2) 734 lf. 14-in. do;
  - (3) 2292 lf. 10-in. do;
  - (4) 4245 lf. 8-in. do;
  - (5) 1830 lf. 6-in. do;
  - (6) one 10-in. gate valve;
  - (7) three 8-inch gate valves;
  - (8) 14 4-in. gate valves;
  - (9) 610 lf. 10-in. vit. clay pipe;
  - (10) 1642 lf. 8-in. do;
  - (11) 855 lf. 6-in. do;
  - (12) 13 collection sumps;
  - (13) 15 manholes;
  - (14) 20 lf. 5-in. cast iron soil pipe;
  - (15) hump sum, sewage ejectors, complete.

Plans and specifications may be obtained from the above office upon deposit of \$20.00.

**PWA PROJECT APPROVED**

**SEATTLE.** Wash. — PWA Docket 1589. Estimated cost city sewer system, \$500,000. Owner, City of Seattle; N. A. Carle, City Engineer. Project involves the construction of two units: Henderson Street No. 9, which consists of 60-inch concrete sewer on East Marginal Way from Michigan to West Oregon and West Oregon from East Marginal Way to pumping plant near Duwamish Waterway; Unit No. 10, consisting of sewage pumping plant and sewage treatment plant on West Oregon St. near Duwamish Waterway. Treatment will consist of plain sedimentation, separate sludge digestion, chlorination, sludge drying beds, coarse screens and grit chambers. Sludge will be used to fill site.

Quantities involved:

- Unit No. 9: 8600 ft. of 60-in. pre-cast concrete sewer; 100 ft. of 60-in. monolithic concrete pipe; one 60-in. outfall on piling; three 60-in. junction chambers, eight 3-ft. manholes
- Unit No. 10: About \$25,000; 2 digesters, 40 ft. diam. by 18 ft. deep; 2 clarifiers, 85 ft. diam. by 10 ft. deep; screen and grit chambers, \$4,000; two sludge pits, 12 ft. by 12 ft., mechanical equipment \$28,000; 20,000 cu. yds. grading site; \$20,000 for sludge beds; \$10,000 for house and chlorinating apparatus; \$46,200 for contingencies; \$31,500 for engineering.

**33— WATER WORKS**

**BIDS WANTED**

**ANTIOCH.** Contra Costa Co., Cal.—Until Sept. 13, 8 p.m., bids will be received by the Antioch City Council, J. E. McElheney, City Clerk, City Hall, Antioch, for the improvement of the Antioch Water Works, consisting of a new filter unit, renewal of filter beds in three present units, installing baffles in sedimentation tanks, automatic equipment and chlorinator at the water works pumping plant on the south shore of San Joaquin River, and installing riser pipe to distributing tank

**MENDOCINO COUNTY—BRIDGE—(State)**

MENDOCINO CO., Calif.—Harold Smith, 1427 Kearny St., St. Helena, at \$30,864.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge and approaches about 12 miles; the approaches to consist of a graded roadbed with a penetration of treatment applied, at Dry Creek, between McDonald and Yorkville.

- Work involves:
- (1) Clearing and grubbing;
  - (2) 570 M. gals. watering;
  - (3) 12,200 cu. rdwy. excav., without class;
  - (4) 225 cu. ditch and channel excav.;
  - (5) 550 cu. struc. excav.;
  - (6) 109,000 sta. yds. overhaul;
  - (7) 6050 cu. imported borrow;
  - (8) 62 sta. finishing rdwy.;
  - (9) 35 tons hp. asph. 8C-2; penetration oil treatment;
  - (10) 47,800 lbs. bar reinf. steel;
  - (11) 190 cu. class A portland cement concrete strucs.;
  - (12) 63 cu. class A portland cement concr. flooring 1 1/2 inks;
  - (13) 450 lf. 18-in. CMP;

- (14) 20 lf. 36-in. CMP;
- (15) 258 lf. solid timber railing;
- (16) 22 each culvert markers;
- (17) 2 1/2 miles new property fence;
- (18) 6 each drive gates;
- (19) 100 cu. yd. wired riprap;
- (20) 1 bridge remove and dispose of;
- (21) 1 lot base bridge items;
- (22) 26 each monuments complete, in place.

The state will furnish CMP and hand couple, etc.

- Total bids follow:
- (A) Harold Smith, 1427 Kearny St., St. Helena, \$30,864.00.
  - (B) Claude C. Wood, Stockton, \$31,520.50.
  - (C) Eock & Gravel Trucking Co., Inc. Oakland, \$32,936.00.
  - (D) Guerin Bros., San Francisco, \$33,004.00.
  - (E) N. M. Ball Sons, Berkeley, \$36,612.30.
  - (F) John Rocca & Co., San Rafael, \$37,007.00.
  - (G) W. K. Van Bokkelen Const. Co., Oakland, \$39,450.00.
  - (H) Chas. L. Harney, San Francisco, \$13,960.30.
  - (I) Peter J. McHugh, San Francisco, \$45,213.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$750.00	\$1100.00	\$750.00	\$500.00	\$200.00	\$2500.00	\$2500.00	\$4000.00	\$3500.00
(2)	1.25	1.50	2.50	1.50	1.50	1.50	2.00	2.00	1.00
(3)	29	70	40	66	90	75	80	84	1.15
(4)	1.50	50	100	1.00	1.20	2.00	1.50	1.30	2.00
(5)	1.50	2.00	2.50	2.30	2.00	4.00	2.00	3.00	2.50
(6)	.01	.05	.02	.01	.01	.01	.01	.01	.02
(7)	.60	60	89	.92	.75	.35	.85	1.34	1.65
(8)	10.00	5.00	5.00	8.00	6.00	7.50	10.00	15.00	13.00
(9)	22.00	20.00	40.00	30.00	20.00	25.00	30.00	22.00	20.00
(10)	.06	.07	.08	.06	.06	.07	.06	.07	.065
(11)	29.50	28.00	34.50	27.20	25.00	30.00	33.00	30.00	31.00
(12)	20.00	25.00	20.00	22.00	23.00	20.00	17.00	27.00	15.00
(13)	.50	.60	.75	.50	.50	.75	1.00	.80	1.00
(14)	.75	.60	1.00	1.00	1.00	1.50	1.00	1.30	2.00
(15)	2.00	1.50	1.50	1.40	2.00	1.50	1.50	1.60	2.00
(16)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00
(17)	700.00	750.00	750.00	1000.00	800.00	1200.00	1100.00	875.00	1000.00
(18)	22.00	20.00	21.00	25.00	21.00	20.00	25.00	25.00	50.00
(19)	3.00	9.00	5.00	5.00	15.00	10.00	10.00	13.00	6.00
(20)	300.00	100.00	50.00	150.00	300.00	750.00	300.00	200.00	150.00
(21)	300.00	500.00	250.00	400.00	1000.00	500.00	1500.00	500.00	800.00
(22)	3.00	5.00	2.50	3.00	3.00	3.00	3.00	1.00	4.00

Plans and specifications may be obtained from the above office. \* 33

**BIDS OPENED**

**CENTRAL VALLEY PROJECT.** Calif.—California Steel Products Co., Bay & Taylor Sts., San Francisco, at \$7874 (Schedule 1) and \$3,782 (Schedule 2), submitted low bid to the U. S. Bureau of Reclamation, 206 Old Post Office Bldg., Sacramento, under Spec. No. 964-D, for the construction of a circular steel water tank having a capacity of 150,000 gallons, at Government Camp at Kennett Dam, Central Valley Project, Calif. Schedule 1, Commercial bill of lading; Schedule 2, Government bill of lading.

- Total bids follow:
- California Steel Product Co., Bay and Taylor Sts., San Francisco—(1) \$7874, (2) \$3,782.
  - Western Pipe & Steel Co. of Calif., San Francisco—(1) \$1920, (2) \$1820.
  - Moore Dry Dock Co., Oakland—(1) \$587, (2) \$585.
  - Baker Tank & Pipe Co., Oakland—(1) \$6120, (2) \$3,780.
  - Port-Judah-Des Moines Steel Co. San Francisco—(1) \$8,500, (2) \$8,000.

**34— PARKS AND PLAY GROUNDS**

**CONTRACT AWARDED**  
**HOLLISTER.** San Butte Co., Cal.—Crow's Nursery, 8 Montgomery St., Golby, at \$465 awarded contract by the Proclamation Division, Wash-

ington, D. C., for seeding and planting the grounds of the U. S. P. O. at Hollister.

**NO BIDS RECEIVED**

**SAN FRANCISCO.**—No bids were received August 27 by the Proclamation Division, Public Bldgs. Branch, Washington, D. C., for landscape work at the U. S. Mint in San Francisco.

**BIDS RECEIVED**

**UKIAH.** Mendocino Co., Calif.—Proclamation Division, Washington, D. C., rejected all bids for seeding and planting grounds of the U. S. P. O. at Ukiah. Specifications will be revised and readvertised.  
City Wide Lawn Service Co., Inglewood, at \$497, submitted previous bid.

**35— TUNNELS**

**ALLOTTED**

**PROFIT AND DESIGN.** The U. S. Bureau of Public Roads allocated \$3,000,000 in the construction of a tunnel and approaches for Alameda and Highway Forest at the summit of Tunnel

**BIDS WANTED**

**SALT LAKE CITY.** U. S. Dept. of Interior, Public Bldg. 15, Salt Lake City, Utah, is soliciting bids for the construction of a tunnel and approaches for Alameda and Highway Forest at the summit of Tunnel

Work involves:

- (1) 1,300 c.y. all classes of open-cut excavation;
  - (2) 7,000 c.y. excav. in tunnel;
  - (3) 1,874 cu. y. concrete in tunnel;
  - (4) 20 cu. y. backfill;
  - (5) 25 cu. y. dry-rock paving;
  - (6) Placing 1,300 lbs. reinf. bars;
  - (7) Furnishing and installing 37,000 lbs. permanent steel supports in tunnel;
  - (8) Furnishing & erecting 32 MPFBM permanent timbering in tunnel;
  - (9) Constructing 550 lf. of 6-in. dia. tunnel drain.
- Plans and specifications may be obtained from the above office.

**VENTURA—RESERVOIR**

VENTURA, Cal.—Minnis & Moody, 1239 N. Larabee St., Los Angeles, at \$70,498.15 alternate, \$71,579.35, and Jacob P. Immel, P.O. Box 192, Ventura, at \$71,036.55 on Alternate (\$70,514.30 regular bid), submitted low bids to the Ventura city council for construction of an earth embankment type power water storage reservoir, in accordance with plans prepared by Carl Froerer, city engineer. Certified check or cashier's check or corporate surety bid bond, 10%.

Work involves:

- (1) 80,700 c.y. rolled mill excav.;
- (2) 19,000 c.y. rolled ml.;
- (3) 19,500 sq. yds. subgrading;
- (4) 19,400 sq. yds. reinf. concrete surf.;
- (5) 281,000 lbs. slab reinf.;
- (6) 206 cu. y. struc. conc.;
- (7) 18,000 lbs. reinf. steel in misc. struc.;
- (8) 488 ft. 36-in. reinf. concr. pipe, centrif. cast;
- (9) One reinstallation of Type L, Martin Gate valve;
- (10) 6 MPFBM redwood lumber;
- (11) 254 weir holes;
- (12) One 24-in. gate valve;
- (13) 24 ft. 27-in. reinf. concrete cast pipe;
- (14) 197 ft. 20-in. reinf. concrete pipe centrif. cast;
- (15) 2 screens;
- (16) One reservoir sump;
- (17) 96 8-in. C I drain pipe;
- (18) One 8-in. gate valve;
- (19) 397 ft. 8-in. plain concr. pipe;
- (20) 415 ft. reinstallation of existing tence;
- (21) 1025 ft. new fence.

ALTERNATE

- (16a) One reservoir sump;
- (17a) —;
- (18a) One 16-in. gate valve;
- (19a) 493 ft. 16-in. reinf. concrete cast pipe.
- (A) Minnis & Moody, L. A.—\$70,498.15; alt., \$71,579.35.
- (B) Jacob P. Immel, Ventura—\$70,514.30; alt., \$71,036.55.
- (C) C. F. Robbins, L. A.—\$73,937.01; alt., \$74,423.51.
- (D) Werner & Webb, L. A.—\$74,626.50 alt., \$75,415.
- (E) Daley Corp., San Diego—\$75,573.25; alt., \$76,007.20.
- (F) N. J. Fadel, L. A.—\$75,757.45; alt., \$75,972.59.
- (G) C. G. Willis & Sons, Inc., L. A.—Total bids follow: \$77,304.30; alt., \$78,481.20.
- (H) J. E. Haddock, Ltd., Pasadena—\$78,203.10; alt., no bid.
- (I) Heuser & Garnett, Glendale—\$78,780.05; alt., \$79,965.25.
- (J) Geo. K. Thompson & Co., L. A.—\$81,413.71; alt., \$82,144.95.
- (K) C. R. Butterfield-Kennedy Co., San Pedro—\$82,312.85; alt., \$82,323.25.
- (L) Stanton-Reed Co. L. A.—\$84,034.81; alt., \$85,174.87.
- (M) Oberg, L. A.—\$84,194.24; alt., \$85,430.99.
- (N) Central Bros., L. A.—\$87,273.40; alt., \$88,529.90.
- (O) J. J. Bohon, Long Beach—\$87,439.15; alt., \$88,055.60.

- (P) Oneal & Smith, Long Beach—\$88,324; alt., \$89,081.
- (Q) Macco Constr. Co., Clearwater—\$90,018.20; alt., \$90,917.70.
- (R) Bennett & Taylor, L. A.—\$93,149.35; alt., \$94,080.20.
- (S) A. S. Vinnell Co., Alhambra—\$93,394.72; alt., \$94,393.80.
- (T) Bodenhamer Constr. Co., Oakland—\$94,373.58; alt., \$95,651.99.
- (U) Claude Fisher Co., Ltd., L. A.—\$95,037; alt., \$96,756.
- (V) Griffith Co., L. A.—\$103,727.85; alt., \$104,328.85.
- (W) Engineer's Estimate—\$97,939.90; alt., \$98,739.20.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ .19	\$.18	\$.187	\$.28	\$.15	\$.209	\$.225	\$.19	\$.29	\$.255	\$.25
(2)	.30	.125	.097	.30	.225	.30	.225	.27	.065	.295	.20
(3)	.07	.05	.13	.15	.17	.09	.12	.12	.13	.07	.10
(4)	1.17	1.15	1.10	1.85	1.25	1.305	1.23	1.35	1.50	1.14	1.35
(5)	.05	.06	.06	.05	.055	.049	.0484	.052	.055	.06	.051
(6)	20.00	22.00	18.00	20.00	22.00	18.00	22.00	27.25	23.00	27.00	22.50
(7)	.08	.06	.06	.05	.055	.049	.049	.052	.055	.07	.06
(8)	6.20	7.00	7.30	8.00	8.25	6.82	10.00	8.35	8.00	6.50	7.50
(9)	25.00	30.00	260.00	50.00	75.00	25.00	50.00	50.00	14.00	60.00	70.00
(10)	125.00	90.00	126.00	150.00	135.00	100.00	150.00	115.00	180.00	175.00	120.00
(11)	.75	.50	1.04	.25	1.00	.45	1.00	.50	1.00	1.00	.50
(12)	250.00	250.00	903.00	300.00	200.00	245.00	275.00	375.00	250.00	272.90	260.00
(13)	4.00	4.00	13.00	5.00	5.00	4.50	6.00	6.00	5.00	4.50	5.25
(14)	3.50	5.40	5.50	5.00	5.00	4.10	5.50	8.15	5.00	7.45	5.00
(15)	25.00	20.00	23.00	15.00	30.00	40.00	28.00	50.00	30.00	40.00	40.00
(16)	15.00	50.00	19.00	20.00	60.00	16.00	150.00	50.00	135.00	47.00	20.00
(17)	2.00	4.25	4.50	2.50	3.50	3.80	4.00	3.75	3.50	3.50	2.50
(18)	30.00	35.00	50.00	35.00	50.00	25.00	30.00	60.00	20.00	33.35	28.00
(19)	3.5	2.75	7.50	1.50	5.25	3.68	.70	1.00	1.40	2.48	3.30
(20)	4	4.00	2.5	2.9	.25	1.9	.40	.25	.30	.25	.30
(21)	60	60	68	65	65	50	1.00	50	75	40	45
(16a)	50.00	60.00	100.00	50.00	100.00	50.00	150.00	.....	200.00	50.00	35.00
(17a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(18a)	150.00	75.00	414.00	150.00	200.00	60.00	94.00	.....	60.00	78.15	65.00
(19a)	2.55	4.00	7.00	3.00	5.40	4.00	3.60	.....	4.00	4.00	4.50
(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
(1)	\$.248	\$.19	\$.20	\$.22	\$.18	\$.25	\$.26	\$.31	\$.20	\$.26	\$.314
(2)	.158	.38	.40	.19	.36	.28	.26	.30	.32	.28	.55
(3)	.302	.12	.12	.27	.13	.10	.07	.11	.15	.20	.33
(4)	1.32	1.50	1.35	1.50	1.58	1.50	1.75	1.30	1.74	1.70	1.50
(5)	.06	.053	.06	.049	.06	.055	.055	.07	.06	.057	.055
(6)	17.52	25.15	22.00	33.00	25.00	25.00	21.00	30.00	42.50	22.00	30.00
(7)	.062	.054	.06	.06	.06	.075	.06	.07	.06	.057	.055
(8)	6.78	7.90	12.00	9.00	8.50	8.20	10.25	8.20	7.10	7.50	8.50
(9)	31.00	175.00	125.00	150.00	50.00	50.00	45.00	105.00	28.00	250.00	125.00
(10)	149.00	140.00	125.00	125.00	100.00	105.00	205.00	144.00	192.00	135.00	150.00
(11)	.748	.84	.60	1.00	1.25	.80	.50	.70	.60	1.00	1.03
(12)	314.00	300.00	275.00	280.00	293.00	200.00	332.00	470.00	348.00	300.00	250.00
(13)	5.653	5.87	5.00	3.85	6.00	5.00	6.75	3.90	3.67	6.00	5.00
(14)	5.574	7.50	14.00	6.20	11.00	9.50	7.10	4.50	8.00	8.50	8.50
(15)	31.50	20.00	50.00	10.00	15.00	10.00	18.00	56.00	100.00	150.00	50.00
(16)	31.00	50.00	50.00	100.00	35.00	30.00	40.00	125.00	60.00	100.00	50.00
(17)	3.77	3.85	3.50	4.50	8.00	3.50	5.35	2.35	4.00	5.00	4.00
(18)	21.00	57.75	30.00	35.00	35.00	17.00	35.00	63.00	38.00	40.00	25.00
(19)	1.934	2.60	2.50	3.55	4.00	8.50	4.15	.81	2.50	5.00	2.90
(20)	.30	.31	.60	.55	.278	.30	.20	.30	.62	.40	.25
(21)	.597	.48	1.50	.75	.405	.60	.40	.65	.72	.60	.50
(16a)	55.00	125.00	125.00	200.00	150.00	120.00	130.00	137.00	90.00	300.00	125.00
(17a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(18a)	68.00	107.00	75.00	75.00	75.00	100.00	78.50	118.25	262.00	80.00	65.00
(19a)	4.46	5.10	5.00	4.60	6.00	9.00	6.00	3.00	4.87	8.00	4.10
(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)
(1)	\$.40	\$.30	\$.06	\$.15	40.00	16.00	16.00	16.00	16.00	16.00	15.00
(2)	.30	.40	1.65	.17	2.00	18.00	18.00	18.00	18.00	18.00	30.00
(3)	.05	.05	22.00	.19	2.05	2.05	2.05	2.05	2.05	2.05	2.05
(4)	.07	.07	6.90	.21	.45	16a	16a	16a	16a	16a	42
(5)	75.00	75.00	80.00	17a	17a	18a	18a	18a	18a	18a	60.00
(6)	30	30	200.00	12	12	12	12	12	12	12	12
(7)	3.65	3.65	4.10	14	14	14	14	14	14	14	14
(19a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until Sept. 10 a. m., bids will be received by the Purchasing and Contracting Office, Major D. Grove, Fort Mason, under Spec. No. 928-38-67, for furnishing 40,000 lbs. of excelsior, medium bass or cottonwood; f.o.b. Fort Mason.  
Specifications obtainable from the above office.

## U. S. FOREST SERVICE

**SAN FRANCISCO.**—Until Sept. 7, 3 p. m., bids will be received by the Forest Service, G. D. Huestis, Asst. Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1166, for one 4-man portable sleeping quarters trailer; f.o.b. bidder's shipping point. Alternate, f.o.b. Government Island, Oakland.

## WAR DEPARTMENT

**SAN FRANCISCO.**—Until Sept. 7, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-38-22, for furnishing (1) 8,000 cu. yd. of Class "A" ready-mix concrete; (2) 1,500 cu. yd. Class "B" ready-mix concrete.

**FORT MASON, Cal.**—Until Sept. 10 a. m., bids will be received by the Purchasing and Contracting Office, Major D. Grove, Fort Mason, under Bid No. 926-38-74, for furnishing non-automatic running light panels; f.o.b. Fort Mason.  
Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Bids will be received by the Office of the General Purchasing Officer, H. A. A. Smith, The Panama Canal, Washington, D. C., for furnishing supplies and equipment, as follows:

**SEPT. 7, 10:30 A. M.:**  
**BID NO. 3283:** galvanized roofing, asphalt roofing, roofing copper, pig iron, pipe lead, pig tin ferrosilicon, quicklime, pipe and fittings, miscellaneous bathroom fixtures, and similar supplies and materials.

**SEPT. 9, 10:30 A. M.:**  
**SCHED. 3284:** Valves, cocks, soil pipe and fittings, lavatory supplies and equipment, asphalt, oils and greases and paint supplies.  
 Specifications obtainable from the above address or from Fort Mason. \*

## LOS ANGELES CITY

**LOS ANGELES, Cal.**—Until Sept. 7, 2 P. M., bids will be received by Los Angeles Water and Power Purchasing Agent for No. 16 AWG later rubber insulated lead covered cable; (a) 8900 ft. 15 conductor; (b) 5900 ft. 9 conductor. Spec. 2399.

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until September 10, 10 a. m., bids will be received by the San Francisco General Depot, Quartermaster Corps, Major D. Grove, Fort Mason, under Bid No. 928-38-70, for furnishing motor sup-

plies, including springs, bolts, brass strips and tubing of various sizes; f.o.b. Whse. G. Presidio of San Francisco. \* 41

## CONCHAS DAM

**CONCHAS DAM, N. M.**—Until September 17, 11 a. m., bids will be received by the U. S. Engineer, Conchas Dam, for one new engine type lathe, 16-in. swing, 8-ft. length of bed, motor driven, fully equipped; f.o.b. contractor's plant or shipping point. Invitation W911-38-29. \* 25

## WAR DEPARTMENT

**SACRAMENTO, Calif.**—Until September 10, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-58, for furnishing 2000 ft. 5-in. diameter hoisting rope and one wire rope strap; f.o.b. Rio Vista.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Until Sept. 7, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, 49 Fourth St., San Francisco, under Bid No. 4456, for rental of one flat rack truck, not less than 1½ tons capacity; for about 169 hours' use in Fresno.  
 Specifications obtainable from the above office.

## CANAL ZONE

**PANAMA CANAL ZONE.**—Until September 13, 10:30 a. m., bids will be received by the General Purchasing Officer, H. A. A. Smith, The Panama Canal, Washington, D. C., under Sched. No. 3285, for furnishing metal furniture, wood furniture, liquid chlorine, kitchenware and misc. supplies and materials.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason.

## WAR DEPARTMENT

**SAN FRANCISCO.**—Until September 14, 10 a. m., bids will be received by the Purchasing and Contracting Office, Major D. Grove, Fort Mason, under Bid No. 928-38-72, for furnishing tubing, coupling, casting brushes, tacks, twine, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until September 10, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-23, for furnishing 33 kegs of nails including common, box and twin head types; f.o.b. Fort Union.  
 Specifications obtainable from the above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for furnishing supplies and materials for use on WPA projects, as follows:

**September 7, 10 A. M.**  
**BID NO. 4461—20,000 MFBM Oregon pine;** f.o.b. San Francisco.  
**BID NO. 4462—1,500 ft. clay pipe;** f.o.b. San Francisco.  
**BID NO. 4467—15,000 ft. steel conduit;** f.o.b. San Francisco.  
**September 8, 10 A. M.**  
**BID NO. 4468—560 ft. clay sewer pipe;** f.o.b. Oakland.  
**BID NO. 4465—107 cwt. steel relaf. bars** of various sizes; f.o.b. San Francisco.  
**BID NO. 4463—360 tons screenings** of various grades; f.o.b. San Mateo County.  
 Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until September 7, 10 a. m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, under Bid No. 4458, for rental of one gasoline-powered concrete mixer for approximately one month's use in San Francisco.

Specifications obtainable at the above office.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Hayoie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**September 7, 2 P. M.**  
**BID NO. 5147—Sheet metal roofing** of various sizes, ridge roll and galvanized sheets; f.o.b. Redding.  
**BID NO. 5146—Machine bolts,** carriage bolts, lag screws, washers, etc.; f.o.b. Redding.  
 Specifications obtainable from the above office.

## LOS ANGELES CITY

**LOS ANGELES, Cal.**—Until Sept. 8, 11 a. m., bids will be received by Los Angeles city purchasing agent under Spec. No. 3677, for furnishing galv. wrought steel pipe, as follows:  
 (1) 2900 ft. ½-in., approx. 0.85 lb. per ft.;  
 (2) 10,000 ft. ¾-in., approx. 1.13 lbs. per ft.;  
 (3) 15,000 ft. 1-in., approx. 1.63 lbs. per ft.  
 (4) 1000 ft. 1½-in., approx. 2.73 lbs. per ft.



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## IN THIS ISSUE



To Call Bids For \$260,000  
Pipeline Shortly

♦ ♦ ♦

*Hemstreet & Bell Low on Eldorado Job*

♦ ♦ ♦

**Building Permits, Advance Reports  
of Building and Engineering  
Projects**



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No. 34

## DO NOT ADVERTISE \$260,000 PIPE PROJECT SOON

### Public Utilities Commission Preparing Plans for Peninsula 36-Inch Line

Bids will be called prior to October 1 for construction of a \$260,000 pipe line to serve the area from Redwood City to South Palo Alto through Hetch Hetchy water, the San Francisco Public Utilities Commission revealed yesterday.

The Board of Supervisors approved an ordinance calling for an appropriation of \$260,000 from the Water Reserve Fund for construction of the pipeline several months ago. At the same time they applied for a PWA grant of forty-five per cent of the cost of the project.

No word has been heard from Washington as to the success or failure of the application. However, the pipeline will be constructed regardless of whether a PWA grant is allotted or not, the Public Utilities Commission indicated yesterday.

The pipeline as proposed by the Public Utilities Commission will connect with the present peninsula pipeline terminus at El Camino Real. It will extend to South Palo Alto, serving Atherton, Menlo Park and Stanford University. The line will be 27,000 feet long and will consist of 36-inch salvaged pipe.

It is expected the line eventually will be extended as far south as Sunnyvale. When extended that distance and operating to full capacity, Utilities officials estimate the line will deliver 30,000,000 gallons per day.

The original proposed financing plan called for a PWA grant of \$117,000. Approximately \$80,000 of the \$143,000 balance was to have been advanced by the communities to be served. This would have reduced San Francisco's cash outlay to \$63,000 which would have been repaid through a special surcharge.

No definite plan of financing will be advanced until the success or failure of the PWA application is known. If the grant is made the original plan will probably be followed.

### MATERIAL PRICE AVERAGE GAINS

Average wholesale prices for building materials advanced 0.1 per cent during the week ended August 28, the U. S. Bureau of Labor Statistics reported yesterday. The group index stood at 96.5 per cent of the 1926 average, as compared with 86.9 per cent a year ago and 85.3 during the corresponding period in 1935.

The slight rise in the group average, according to the bureau, was accounted for by higher prices for yellow pine flooring, chinawood oil, rosin, turpentine and sand. Lower prices were reported for yellow pine lath, doors and gravel. The brick and tile, cement and structural steel subgroups showed no change from the preceding week.

## STATE INVITES PROPOSALS FOR TWO CONTRACTS

### Bids Sept. 29 on Alameda Grade Separations, Mendocino Bridge Project

SACRAMENTO, Sept. 7.—Two contracts, providing for construction of a bridge and two grade separations, today were authorized for advertising by the State Highway Commission.

Bids on both contracts, it was announced, will be opened in Sacramento September 29.

The grade separation project involves construction of one overpass and one underpass, both in Alameda county.

The overcrossing will carry the new Altamont Pass highway over the tracks of the Southern Pacific Railway at Redmond. The other structure will take the highway below the Western Pacific tracks at Stone Cut. Construction of both crossing eliminations is included in a single contract.

The bridge project is located in Mendocino county about three and one-half miles north of Point Arena.

## FIFTEEN BIDS SUBMITTED ON ELDORADO JOB

### Hemstreet & Bell Low on Grading Contract; Cannon Bids Armor Coat

SACRAMENTO, Sept. 8.—Low bids aggregating approximately \$207,000 were received here today by the State Highway Commission on two contracts for work in Eldorado and Merced counties.

Hemstreet & Bell, Marysville, submitted a low bid of \$163,731 for grading and surfacing about four and three-tenths miles in Eldorado county between Clarks Corner and 1.25 miles west of Eldorado.

Fifteen bids were received on this contract from contractors in Northern and Southern California, Nevada and Oregon.

Second and third low bidders on the Eldorado county project were Macco Construction Co., Clearwater, with a proposal of \$169,495; and Heafey-Moore Co., Fredrickson & Watson Construction Co. and Fredrickson Brothers, Oakland, at \$178,431.

Surfacing on this project will be plant-mixed medium curing type, on crusher run base.

### Armor Coat Contract

For application of armor coat to about 10.5 mi. of existing pavement and borders in Merced county, low bidder was J. A. Cannon, Hayward, with a proposal of \$43,761.

Second and third low bidders, respectively, for the armor coat contract, were Granite Construction Co., Ltd., Watsonville, \$46,976; and Jones & King, Hayward, \$48,496.

Nine contractors figured the project, which is located between Los Banos and 10.5 miles east.

Specifications call for a bridge consisting of one 120-ft. steel truss span, one 66-ft. steel beam span, two 50-ft. steel beam spans and one 30-ft. 6-in. steel beam span, on concrete piers with timber pile foundations.

The contract also calls for grading, surfacing with imported material, and applying penetration to four-tenths of a mile of roadway.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
754	Crocker	Hawkings	9000
755	Embassy	QRS	1000
756	Isaacson	Owner	3750
757	United Bldg	Owner	2000
758	United Artists	Arnke	2000
759	Lewis	Henrietta	9000
760	Nelson	Owner	4000
761	O'Connell	Callaghan	1000
762	Peters	Salomon	3689
763	Wellman	Sibley	15000
764	Barber	Owner	3500
765-6	Costello	Owner	4000
767	Hutts	Owner	1500
768	Mignoli	Owner	4000
769	Nelson	G. G. Const.	4000
770	Roach	Chiodo	3450
771	Schiff	Empire	10000
772	Donaldson	Owner	1500
773	Gurley	Owner	2200
774	Hopkins	Owner	1500
775	Cohen	Royal	1725
776	Golden	Fink	4925
777-8	Liebman	Owner	8500
779	Valente	Owner	20000

### ALTERATIONS

(754) 1201 BRYANT ST. Alter garage.  
Owner—A. Crocker Co., c/o Contractor—B. A. Hawkings & Co., 182 Market St.  
Architect—A. H. Jacobs, 110 Sutter St.  
Engineer—H. M. Engel, 110 Sutter St. \$9000

### ELECTRIC SIGN

(755) 1125 MARKET ST. Electric sign.  
Owner—Embassy Theatre, Prem.  
Contractor—QRS Neon Corp., Ltd., 690 Potrero Avenue.  
Architect—Not Given. \$1000

### DWELLING

(756) S MONTEREY BLVD. 200 W EDNA. One-story and basement frame dwelling.  
Owner—F. Isaacson, 643 Joost St.  
Architect—Not Given. \$3750

### ALTERATIONS

(757) 321 BUSH ST. Alter offices.  
Owner—United Bldg Constr. Co., Prem.  
Architect—G. A. Lansburgh, 321 Kearny St. \$2000

### ROOF SIGN

(758) 1077 MARKET ST. Roof sign.  
Owner—United Artists Theatre, Prem.  
Contractor—Arnke Iron Works, 780 Brannan St.  
Architect—G. A. Dailey, 210 Post St. \$2000

### SERVICE STATION

(759) SW GENEVA and Paris Sts. Class C service station.  
Owner—Norman H. Lewis, 120 Rolph Street.  
Contractor—J. M. Henrietta, 2929 21st Avenue.  
Architect—Not Given. \$9,000

### DWELLING

(760) W YORK 104 N 25th Street. One - story and basement frame dwelling.  
Owner and Builder—Brigid Nealon, 1276 York Street.  
Architect—Not Given. \$4,000

### ALTERATIONS

(761) 44 CONKLIN ST. Alter dwelling.  
Owner—Ed O'Connell 44 Conklin St

Contractor—Jack Callaghan, 900 Clay-ton Street.  
Architect—Not Given. \$1,000

### ALTERATIONS

(762) 3201-11 MISSION ST. Alter store.  
Owner—Henry J. Peters, c/o contractor.

Contractor—L. Salomon, 1734 Broder-ick Street.  
Architect—John J. Foley, 770 Fifth Avenue. \$3,689

### WAREHOUSE

(763) W BAYSHORE Blvd. 410 N Courtland. One - story Class C warehouse.  
Owner—C. A. Wellman, 165 Landers.  
Contractor—Sibley Grading & Team-ing Co., 165 Landers St.  
Architect—Not Given. \$15,000

### DWELLING

(764) N BOSWORTH 225 E Diamond. One-story frame dwelling.  
Owner and Builder—H. Barber, 225 College Avenue.  
Architect—Not Given. \$3,500

### DWELLING

(765) N EIGHTH AVE. 325 S Judah. One-story frame dwelling.  
Owner and Builder—Michael Costello 821 34th Avenue.  
Architect—Not Given. \$4,000

### DWELLING

(766) E 8th AVE. 350 S Kirkham. One-story frame dwelling.  
Owner and Builder—Michael Costello 821 34th Avenue.  
Architect—Not Given. \$4,000

### STORES

(767) N GEARY 57 E 2nd Avenue. One-story frame stores.  
Owner and Builder—W. P. Hutts, 1300 Pacific Ave.  
Architect—Not Given. \$1,500

### DWELLING

(768) E 33rd AVE. 300 S Judah St. One-story frame dwelling.  
Owner & Builder—Jos. Mignoli, 1386 16th Avenue.  
Architect—C. O. Clausen, 746 46th Avenue. \$4,000

### DWELLING

(769) S LOWER Terrace 179 East Roosevelt. Two-sty. frame dwell-ing.  
Owner—B. Nelson, 4370 Army St.  
Contractor—Golden Gate Const. Co., 244 Kearny Street.  
Architect—G. A. Berger, 309 Valen-cia Street. \$4,000

### DWELLING

(770) S OAKDALE 225 E ngalls. One-story frame dwelling.  
Owner—T. & C. Roach, 1333 Hawes.  
Contractor—Michele C. Chiodo, 1186 Rhode Island St.  
Architect—G. A. Berger, 309 Valen-cit Street. \$3,450

### FLATS

(771) N JEFFERSON 237 W Brod-erick. Two-story frame flats.  
Owner—Schiff & Wolfes, c/o archi-tect.  
Contractor—Empire Const. Co., Russ Building.  
Architect—R. J. Neutra, 251 Kearny Street. \$10,000

### ALTERATIONS

(772) 1561 WILLARD ST Alter dwelling.

Owner—C. G. Donaldson, Prem.  
Architect—Not Given. \$11

### ALTERATIONS

(773) 129 FREMONT STREET. Al-ter Warehouse.  
Owner—Jno. E. Gurley, 350 Post St  
Engineer—W. H. Ellison, 821 Mar-j Street. \$2

### COMPRESSOR HOUSE

(774) REAR MARK HOPKINS H-TEL. Concrete compressor hou-  
Owner—Mark Hopkins Hotel C-  
California and Mason Sts.  
Contractor—J. W. Cobby & Son, 1  
Tehama St.  
Engineer—W. Harry Archer, 1  
Market St. \$21

### ALTERATIONS

(775) 741 MARKET ST. Alter sto-  
Owner—L. S. Cohen & Sons, 1025 Ma-  
ket Street.  
Contractor—Royal Show Case Co.,  
McAllister St.  
Architect—Not Given. \$1

### ALTERATIONS

(776) 321 GEARY ST. Alter store.  
Owner—The Golden Pleasant,  
Powell St.  
Contractor—Fink & Schindler Co., 1  
Brannan St.  
Architect—Not Given. \$4

### DWELLING

(777) S MARINA BLVD. 345 W-  
Fillmore. Three-story and basem-  
ent frame dwelling.  
Owner and Builder—B. Liebman, 31  
Fillmore Street.  
Architect—I. Goldstein, 1200 Oak-  
\$3

### DWELLING

(778) S MARINA BLVD. 367 W-  
Fillmore. Three-story and basem-  
ent frame dwelling.  
Owner and Builder—B. Liebman, 31  
Fillmore Street.  
Architect—I. Goldstein, 1200 Oak-  
\$3

### FUNERAL PARLOR

(779) S GREEN ST. 175 E Pow-  
er. One-story frame funeral parlo-  
Owner—Valente, Marini and Per-  
& Co., 649 Green St.  
Contractor—Not Selected.  
Engineer—Conrad T. Kett, 519 Cs-  
fornia Street. \$20,000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
479	Mathew	Armstrong	12
480	Fisher	Jorgensen	32
481	Baker	McCure	82
482	Chevrolet	Muller	53
483	Hoyt	Stolte	10
484	Lee	Juttler	23
485	Olsen	Johnson	43
486	Pendola	Owner	23
487	Schumacher	Thrams	83
489	Martin	Teigland	60
490	Bell	Moore	40
491	Roberts	Waldman	50
492	Bennett	Justice	23
493	Griggs	Petersen	23
494	Kraetz	Ghiglotti	40
495	Miller	Lloyd	38
496	Sommarstrom		
		Sommarstrom	30
497	Eggen	Ruegg	13
498	Berland	Owner	50
499	Bryerly	Nicholson	20
500-1	Davis	Krattemaker	22
502	Duignan	Peters	59
503	Flagg	Owner	40

**ADDITION**  
 (9) 721 ALAMEDA, BERKELEY.  
 Addition.  
 Owner—A. Mathew, 721 Alameda.  
 Contractor—J. R. Armstrong, 1131  
 Fleet Road, Berkeley.  
 Architect—Not Given. \$1,200

**LEVELLING**  
 (4) 1300 PARKER AVE, BERKE-  
 LEY. One-story 5-room frame  
 dwelling.  
 Owner—C. R. Fisher, 6127 Foothill  
 Blvd., Berkeley.  
 Contractor—E. Jorgensen, 24 N  
 21st St., San Jose.  
 Architect—Not Given. \$3,500

**REPAIRS**  
 (61) 3403-3405 BROADWAY, OAK-  
 LAND. One-story store.  
 Owner—E. Carlton Baker, Alameda.  
 Contractor—S. & J. S. McClure Co.,  
 506 Ramona St., Albany.  
 Architect—Not Given. \$8,500

**ADDITION**  
 (2) 10800 E 14th St., OAKLAND.  
 Steel addition.  
 Owner—Chevrolet Motor Co., 10,800 E  
 14th St., Oakland.  
 Contractor—F. A. Muller, 1416 Jeffer-  
 son St., Oakland.  
 Architect—Not Given. \$5,240

**ADDITION**  
 (3) 926 HIGH ST., OAKLAND. Ad-  
 dition.  
 Owner—Hoyt Heater Co., 926 High  
 St., Oakland.  
 Contractor—F. C. Stolte Co., 1465 San  
 Antonio Ave., Alameda.  
 Architect—Not Given. \$1,600

**ALTERATIONS**  
 (34) 2500 HARRISON ST., OAK-  
 LAND. Alterations.  
 Owner—Don Lee, Inc., 2500 Harrison  
 St., Oakland.  
 Contractor—F. A. Muller, 1416 Jeffer-  
 son St., Oakland.  
 Architect—Not Given. \$1,200

**LEVELLING**  
 (5) 2433 90th AVE., OAKLAND.  
 One-story 6-room dwelling.  
 Owner—E. R. Olsen, 6218 E 17th St.,  
 Oakland.  
 Contractor—Elmer Johnson, 450 Oaks  
 Blvd., San Leandro.  
 Architect—Not Given. \$4,750  
 Also 1-story frame garage, \$250.

**LEVELLING**  
 (86) 1169 85th AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner and Builder—Frank Fendola,  
 Pickwick Hotel, San Francisco.  
 Architect—Not Given. \$2,800  
 Also 1-story garage, \$150.

**LEVELLING**  
 (87) 600 FLORENCE AVE., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner—R. W. Schumacher, 600 Floren-  
 ce Ave., Oakland.  
 Contractor—C. H. Thrains, 28 Home  
 Place, Oakland.  
 Architect—C. H. Treichel, 696 Cleve-  
 land Ave., Oakland. \$8,500  
 Also 1-story garage, \$250.

**ALTERATIONS**  
 (48) 2900 GARBER, BERKELEY.  
 Alterations.  
 Owner—F. E. Farquhar, premises.  
 Contractor—Wm. Livingston & Son,  
 1152 Euclid Ave., Berkeley.  
 Architect—E. T. Spencer, 369 Pine St.,  
 San Francisco. \$5,000

**ALTERATIONS**  
 (49) 4 PARK WAY, PIEDMONT  
 Alterations.  
 Owner—Mr. and Mrs. A. Martin, four  
 Park Way, Piedmont.  
 Contractor—C. M. Teigland, 525 49th  
 St., Oakland.  
 Architect—Not Given. \$6,000

**ADDITION**  
 (490) 2211 MARKET ST., OAKLAND.  
 Brick addition.  
 Owner—James Bell, 2211 Market St.,  
 Oakland.  
 Contractor—The John J. Moore Co.,  
 354 Hobart St., Oakland.  
 Architect—R. H. Cooley, 354 Hobart  
 St., Oakland. \$4,000

**DWELLING**  
 (491) 3668 GREEN ACRE RD., OAK-  
 LAND. Two-story 5-room dwell-  
 ing.  
 Owner—C. Roberts.  
 Contractor—A. E. Waldman, 5409  
 Foothill Blvd., Oakland.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (492) 10707 BREED AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—Clara Bennett, 3254 Liberty  
 Ave., Alameda.  
 Contractor—N. F. Justice, 2206 Clin-  
 ton Ave., Alameda.  
 Architect—Not Given. \$3,200

**ALTERATIONS**  
 (493) 1008 ASH MOUNT, OAKLAND.  
 Alterations.  
 Owner—Mr. and Mrs. H. M. Griggs,  
 Fremont.  
 Contractor—O. Petersen, 3626 Rhoda  
 Ave.  
 Architect—Not Given. \$2,000

**DWELLING**  
 (494) 3422 38TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—John Kroetz, 4106 Adelme  
 St.  
 Contractor—Louis Ghigliotti, 5503  
 Telegraph Ave.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (495) 1741 MOUNTAIN BLVD.,  
 OAKLAND. One-story 5-room  
 dwelling.  
 Owner—Walter Miller, 1021 Santa Fe  
 Ave., Berkeley.  
 Contractor—J. A. Lloyd, 4017 E. 15th  
 St.  
 Architect—Not Given. \$3,800

**DWELLING**  
 (496) 5714 NOTTINGHAM DRIVE,  
 OAKLAND. One-story 4-room  
 dwelling.  
 Owner—Clifford E. Sommarstrom,  
 1719 8th Ave.  
 Contractor—Edw. Sommarstrom, 1719  
 8th Ave.  
 Architect—Not Given. \$3,400

**ADDITIONS**  
 (497) 1936 BERRYMAN, BERKE-  
 LEY. Additions.  
 Owner—S. T. Eggen, Fremont.  
 Contractor—T. G. Ruegg, 251 Kearny  
 St., San Francisco.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (498) 1531 BROADWAY, OAKLAND  
 Alterations.  
 Owner & Contractor—Berland's Shoe  
 Store, Inc., 1209 Washington Ave.,  
 St. Louis, Mo.  
 Architect—Not Given. \$5,000

**ADDITIONS & ALTERATIONS**  
 (499) 5876 McANDREW DR., OAK-  
 LAND. Additions and altera-  
 tions.  
 Owner—Mrs. Dara Brerly, Fremont.  
 Contractor—D. W. Nicholson, 357 12th  
 Street.  
 Architect—W. E. Schirmer, 427 13th  
 St. \$2,000

**DWELLING**  
 (500) 7506 FOOTHILL BLVD. OAK-  
 LAND. One-story 4-room 2-fam-  
 ily dwelling.  
 Owner—Sam Davis, Fremont.  
 Contractor—C. J. Krattenmaker, 5322  
 James Ave.  
 Architect—Not Given. \$2,200

**DWELLING**  
 (501) 7506 FOOTHILL BLVD. OAK-  
 LAND. One-story 4-room 2-fam-  
 ily dwelling.  
 Owner—Sam Davis, Fremont.  
 Contractor—C. J. Krattenmaker, 5322  
 James Ave.  
 Architect—Not Given. \$2,200

**DWELLING**  
 (502) 5462 PROCTOR AVE., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner—M. Duignan, 3621 E 12th St.  
 Contractor—A. Lester Peters, 223  
 Duncan.  
 Architect—Not Given. \$5,950

**DWELLING**  
 (503) 3366 HERRIER ST., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner & Builder—A. J. Flagg, 3743  
 Loma Vista.  
 Architect—Not Given. \$1,000

**GARAGE**  
 (504) 41 ELLITA ST., OAKLAND  
 One-story tile garage.  
 Owner & Builder—Wm. M. Greuner,  
 160 Grand Ave.  
 Architect—Not Given. \$1,000

**BUILDING CONTRACTS  
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Am't
162	Pioneers	Martin	17166
163	Roos	Emanuel	18709
164	Peters	Salomon	3689
165	Bothin	Stegrist	11523
167	P.T.&T	Zelinsky	470

**ALTERATIONS**  
 (162) 456 McALLISTER ST. Alter  
 lodge building.  
 Owner—Society of California Pioneers  
 456 McAllister St.  
 Architect—John H. Ahnden, 922 39th  
 Avenue.  
 Contractor—Wm. Martin, 666 Mission  
 Filed, Sept. 1, '37. Dated, Aug. 27, '37  
 Monthly payments of 75¢  
 Usual 35 days 25%  
**TOTAL COST, \$17,166.00**  
 Bond, \$8,583. Sureties, New Amster-  
 dam Casualty Co. Limit, 100 days  
 Plans and specifications filed

**FIXTURES, ETC.**  
 (163) STOCKTON and Market Sts.  
 Install fixtures and interior work  
 on fifth floor of store.  
 Owner—Roos Bros. Inc., Market and  
 Stockton Streets.  
 Architect—Albert R. Williams, 251  
 Post Street.  
 Contractor—L. & E. Emanuel Co.,  
 2665 Jones Street.  
 Filed, Sept. 2, '37. Dated, Aug. 26, '37  
 Prog. payments during const. 50%  
 Completion 25%  
 Usual 35 days 25%  
**TOTAL COST, \$18,700.00**  
 Plans and specifications filed

**ALTERATIONS**  
 (164) 3201-11 MISSION ST. Altera-  
 tions and additions to frame bldg  
 Owner—Henry J. Peters, 821 Leaven-  
 worth Street.  
 Architect—John J. Foley, 770 Fifth  
 Avenue.  
 Contractor—L. Salomon, 1731 Brod-  
 erick Street.  
 Filed, Sept. 2, '37. Dated, Aug. 28, '37  
 Progress payments  
**TOTAL COST, \$3,680.00**  
 Bond, \$1,840. Sureties, Maryland  
 Casualty Co. Limit, 40 days. Plans  
 and specifications planned.

**RECONSTRUCTION**  
 (165) 546 HOWARD ST. Reconstruc-  
 tion of north half of building af-  
 ter wrecking of south half.  
 Owner—Bothin Real Estate Co., 904  
 Mission Street.

Plans by Norman B. Green and Geo. W. Travis, 55 New Montgomery. Contractor—F. R. Siegrist, 604 Mission Street.  
Filed, Sept. 4, '37. Dated, Aug. 30, '37. Tenth of each month. 75%  
Usual 35 days. 25%  
TOTAL COST, \$115,523.00  
Bond, \$11,523. Sureties, U. S. Fidelity & Guaranty Co. Limit, 90 working days. Plans and specifications filed.

**PAINTING**  
(167) 1145 LARKIN ST. Interior painting of offices.  
Owner—Pac. Tel. & Tel. Co.  
Contractor—D. Zeilinsky & Sons, Inc., 165 Grove St.  
Filed Sept. 8, '37. Dated Aug. 18, '37 75% on completion.  
25% 40 days after

TOTAL COST, \$470.00  
Bond, \$470. Surety, Pacific Indemnity Co. Specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
107	Consolidated	Neadeau	2700
108	Same	Same	2700
109	Bell	Moore	3384
110	Harris	Kaufenberg	8564
111	Vincent	Nicholson	2236

#### RESIDENCE

(107) PTN LOTS 18 and 19 BLK 5  
E 14th St. Homesites, Hayward.  
Residence.

Owner—Consolidated Realty Co., 544 Market St., San Francisco.  
Architect—Donnell E. Jaekle, S. F.  
Contractor—Mark Neadeau, 3660 16th St., San Francisco.

Filed, Sept. 2, '37. Dated, Aug. 26, '37.  
Roof sheathing on..... 675.00  
Rough plastering..... 675.00  
Rough plastering..... 675.00  
Completion..... 675.00  
Usual 35 days..... 675.00

TOTAL COST, \$2700.00  
Bond, \$1500. Sureties, Theo. Neadeau, Albert Rogers. Limit, Oct. 9. Plans and specifications filed.

#### RESIDENCE

(108) PTN LOTS 17 and 18 BLK 5,  
E 14th St. Homesites, Hayward.  
Residence.

Owner—Consolidated Realty Co., 544 Market St., San Francisco.  
Architect—Donnell E. Jaekle, S. F.  
Contractor—Mark Neadeau, 3660 16th St., San Francisco.

Filed, Sept. 2, '37. Dated, Aug. 26, '37.  
Roof sheathing on..... 675.00  
Completion..... 675.00  
Usual 35 days..... 675.00

TOTAL COST, \$2700.00  
Bond, \$1500. Sureties, Theo. Neadeau, Albert Rogers. Limit, Oct. 9. Plans and specifications filed.

#### ADDITION

(109) 2211 MARKET ST., Oakland.  
One-story brick addition.

Owner—James Bell Co., 2211 Market St., Oakland.  
Architect—Not Given.  
Contractor—J. J. Moore Co., 354 Hobart St., Oakland.

Filed and dated, Sept. 2, 1937.  
Payments not specified.  
TOTAL COST, \$3384.00  
Limit, 40 days. Plans and specifications filed.

#### APARTMENTS

(110) 2506 RIDGE ROAD, BERKELEY. Two-story frame apartment building.

Owner—Chas. V. and Mary Jane Harris.  
Architect—Not Given.  
Contractor—V. A. Kaufenberg, Box 12, Rio Vista.

Filed, Sept. 4, '37. Dated, Aug. 23, '37.  
Monthly payments of..... 90%

Usual 35 days..... 10%  
TOTAL COST, \$8564.00  
Bond, \$8564. Sureties, Standard Accident Ins. Co. Limit, 120 days. Plans and specifications filed.

#### ALTERATIONS

(111) 5576 McANDREWS DR., Oakland. Alterations and additions.  
Owner—Mr. and Mrs. Vincent.  
Architect—Wm. E. Schirmer, 427 13th St., Oakland.

Contractor—Don W. Nicholson, 550 Blossom Way, San Leandro.  
Filed, Sept. 2, '37. Dated, Sept. 1, '37.  
Payments not given.

TOTAL COST, \$2236.00  
Plans and specifications filed.

### SAN FRANCISCO CO. PERMITS UNDER \$1000

ALTER apts., \$200; 1611 Washington St.; owner, Mary Crowley, 1605 Washington St.

ALTER dwelling, \$250; 1278 Stanyan St.; owner, Geo. E. Moore, 1295 Stanyan St.; contractor, Joseph Zualby, 4543 Lincoln Way.

ALTER apt. fls., \$180; 1162 Ellis St.; owner, Virginia H. O'Neil, 1162 Ellis St.

ALTER dwelling, \$900; 847 Duncan St.; owner, Louis Pillon, prem.

SIGN, electric, \$100; 235 Guerrero; owner, J. E. William, premises; contractor, Neon Sign Service Co., 1707 Folsom St.

ALTER dwelling, \$500; 137 11th Ave. owner, James H. McFarland, 710 47th Ave.

ALTER dwelling, \$150; 69 Fountain; owner, Wm. McCredy, premises; contractor, N. Hallstrom 34 Fountain St.

ALTER hotel, \$88; 1625 Polk St.; owner, A. S. Bowie, premises; contractor, Hermie E. Muser, 216 California St.

ALTER bakery, \$950; 1548 Polk St.; owner, E. Deegard and Steve Burke, premises; contractor, S. F. Show Case Co., 682-84 McAllister.

ALTER store, \$330; 2981 Washington St.; owner, C. Diller, 1513 Fillmore St.; contractor, Hermie E. Muser, 2516 California St.

SIGN, electric, \$200; 76 6th St.; owner, Turf Cafe, premises; contractor, Pacific Neon Mfg. Co., 2600 15th Street.

ALTER dwelling, \$100; 229 Lobos; owner, Harry Hughes, 232 Capitol.

SIGN, electric, \$110; 371 Columbus; owner, Carlo De Petris, premises; contractor, American Elec. Sign Co., 1740 Eddy St.

FLUE, \$15; 379 Hanover; owner, Mr. Owen, premises; contractor, Walcott, 31, Twohigh, 1529 Pine.

GARAGE, one-story frame, private, \$300; N Troy 117 W Hyde; owner, N. Ferris, 1531 Clay St.

ALTER dwelling, \$450; 700 Van Ness Ave.; owner, C. M. Weaver, 51 Commonwealth; contractor, Geo. G. Atkenhead, 403 Eddy St.

SIGN, electric, \$180; 282 Mission St.; owner, Done Lee, Inc., premises; contractor, Novelty Elec. Sign Co., 419 Larkin St.

SIGN, electric, \$250; 211 Church St.; owner, Bear Candy Store, premises; contractor, American Elec. Sign Co., 1740 Eddy St.

ALTER dwelling, \$75; 489 Cheney; owner, M. C. Farrell, premises.

ALTER restaurant, \$10; 1164 Market; owner, M. J. Malloy, premises.

ALTER flats, \$600; 553 Holly Park Circle; owner, Felice Carolina, 553 Holly Park Circle.

ALTER flue, \$15; 3650 Fillmore St.; owner, Mrs. Cardinell, premises; contractor, H. Bertram, 726 Bryant Street.

SIGN, electric, \$100; 124 Turk Street; owner, ; contractor, Ameri-

can Elec. Sign Co., 1740 Eddy St.  
ALTER elec. bldg., \$250; NW P. and Sansome Sts.; owner, Roy Ins. Co., Ltd., 201 Sansome St.

ALTER dwelling, \$184; 526 Juda Ave.; owner, J. Farrott, premises; contractor, S. F. Terrazzo Co., 3730 Third St.

ALTER private garage, \$75; 378 Coleridge St.; owner, Jos. T. Forster, 378 Coleridge St.

ALTER dwelling, \$25; 223 Lisbon Ave.; owner, A. L. Bolton, premises.

ALTER dwelling, \$350; 535 Missisipp St.; owner, Nick Bochich, prem contractor, John Scarabosio, 7 Wisconsin St.

ALTER dwelling, \$500; 597 Arkansas St.; owner, J. Cimino, premises; contractor, John Scarabosio, 7 Wisconsin St.

ALTER restaurant, \$200; 1149 Market St.; owner, J. Irving, prem; contractor, A. A. Alterallo & Carpenter Shop, 3122 Geary.

ALTER dwelling, \$184; 556 Judson Ave.; owner, C. S. Ames, premises; contractor, S. F. Terrazzo Co., 3730 Third St.

SIGN, electric, \$150; 440 O'Farrell; owner, Lady Elinor Beauty Service, premises; contractor, Lum Corp., 5835 3rd St.

SIGN, electric, \$550; 210 Mission St.; owner, Dorward Pump Co., 21 Mission St.; contractor, Electric Prod. Corp., 910 Harrison St.

GARAGE, private, \$150; W De Har 25 S 22nd St.; owner, Mike Someroff, 1012 De Haro St.

ALTER dwelling, \$220; 1434 Thoma St.; owner, G. Azzarelli, prem. contractor, S. F. Terrazzo Co., 3730 3rd St.

SIGN, electric, \$250; 2828 Mission St.; owner, Honey Cream Doughnut Shop, premises; contractor, Lum Corp., 5835 3rd St.

SIGN, electric, \$100; 4600 41st Ave. owner, Standard Standards, Inc., 200 Bush St.; contractor, Electric Prod. Corp., 910 Harrison St.

ALTER warehouse, \$500; 333 Turk St.; owner, G. A. Blanchard, 222 Gold en Gate Ave.

ALTER store, \$110; 378 Pine Street; owner, A. E. C. Cigar Store, 37 Pine St.

ALTER store and dwelling, \$850; 40 Cortland Ave.; owner, D. Genarr premises; contractor, Carl Frank Co., 305 Eocana St.

ALTER auditorium, \$90; 220 Golden Gate Ave.; owner, Y. M. C. A. premises.

SIGN, electric, \$150; 1545 Market St.; owner, El Patio Ball Room, 1545 Market St.; contractor Elec. Prod. Corp., 910 Harrison St.

ALTER warehouse, \$200; 177-89 Stevenson St.; owner, San Francisco Examiner, 3rd and Market; architect, Julia Morgan, 1135 Merchants Exchange Bldg.

SIGN, electric, \$350; 100 Powell St.; owner, Ed Selig, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 340 Stockton St.; owner, Hotel Drake Wilshire, 34 Stockton St.; contractor, P. and J. Electric Co., 4 Leona Terrace.

SIGN, electric, \$150; 1545 Market St.; owner, El Patio Ball Room, 1545 Market St.; contractor, El Prod. Corp., 910 Harrison St.

ALTER restaurant, \$360.00; 33 New Montgomery St.; owner, Smith & Hunter, 20 Annie St.; contractor, Royal Show Case Co., 770 McAllister St.

SIGN, electric, \$150; 1545 Market St.; owner, El Patio Ball Room, 1545 Market St.; contractor Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 531 Geary St.; owner, Miron, premises; contractor, Brumfield Electric Sign Co., 965 Folsom St.



## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 10.—Offices                                 |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and                       |
| 8.—Club Buildings               | 17.—Theatres                                |
| 9.—Hospitals                    | 18.—Wharves & Docks                         |
| 10.—Hotels                      | 19.—Misc. Const.                            |
|                                 | 20.—Misc. Supplies &                        |

## 1—APARTMENTS

## CONTRACT AWARDED

**LOS ANGELES, Cal.**—J. S. Metzger & Son, 408 S Spring St., room 404 awarded contract for erecting and adding four stories to an apartment building at 410 N. Rossmore Ave. for Davis and Thorne, Title Insurance Bldg. The building, a reinforced concrete structure, 150x118 ft., was started nine years ago by Harry Feigenbaum and was poured up to the 5th floor level. Completion of the building is estimated to cost \$350,000 and will include the installation of all interior finish, tile work, steel sash, two elevators, electric refrigeration, marble work and steam heat. Gilbert Stanley Underwood, architect, 408 S. Spring St., Los Angeles.

## Contract Awarded

**APARTMENTS** Cost, \$40,000  
**WATSONVILLE, Santa Cruz Co. Cal.**  
Hyde Park Tr., Middlefield Lane. Two - story frame and stucco apartment building (eight 4-rm. apts.) flanked by two 6-room residences (hardwood floors, tile baths, etc.)  
Owner—Withheld.  
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.  
Contractor—G. C. Taylor & Son, Watsonville.

## Plans Completed

**APARTMENTS** Cost, \$60,000  
**SAN FRANCISCO, Calif.** NE Golden Gate and University Terrace. Three-story frame apartment building (eighteen 3- and Junior 4-room apts.), whitewashed brick front and rustic exterior, composition shingle roof, tile baths, hardwood floors, etc., Colonial style.  
Owner—John Murphy.  
Architect—H. C. Baumann, 251 Kearny St.

## Plans Being Figured—Bids Close on

**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO, Calif.** Alta St. Alterations to apartment building (interior and exterior).  
Owner—E. McNear, Jr.  
Architect—Angus McSweeney, 604 Mission St.

Following will submit bids:  
D. B. Gladstone, 557 Market St.  
G. W. Williams Co., 315 Primoso Road, Burlingame.  
G. P. W. Jensen, 320 Market St.

## 3—CHURCHES

## Plans Being Figured

**CHURCH** Cost, \$.....  
**WEST BERKELEY, Alameda Co.** New frame church to seat approxi-

mately 150.  
Owner—Withheld.  
Architect—Charles W. McCall, 1404 Franklin St., Oakland.  
Plans are being figured by a selected list of contractors.

## CONTRACT AWARDED

**EAGLE ROCK, Los Angeles Co., Calif.**—Don W. Kemp, 707 1/2 St. Los Angeles, submitted low bid for a 1-story, 14-room Sunday school building to be built on Eagle Rock Blvd. for the Presbyterian Church of Eagle Rock. Arthur L. Herberger, architect, 605 Architects' Bldg., Los Angeles.

## Plans Being Completed

**CHURCH** Cost, \$45,000  
**SAN JOSE, Santa Clara Co., Calif.** 80 S. Fifth St.

New evidence to replace church recently destroyed by fire.  
Owner—First Christian Church.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
Bids will be asked in about three weeks.

## TO PREPARE PLANS

**LOS ANGELES, Calif.**—Architects R. Hansen, Lorenzo Young, Edward Anderson, Hiram Pope and John Petzer, all of Salt Lake City, and Architect Georgius Cannon, Security Bldg., Pasadena, have been commissioned to prepare plans for the Mormon Temple to be built on a 25-acre site on the north side of Santa Monica Blvd., two blocks east of Westwood Blvd., West Los Angeles, for the Church of Jesus Christ of Latter-Day Saints. Estimated cost, \$400,000.

## 4—FACTORIES &amp; WAREHOUSES

**Bids In—Held Under Advisement**  
**SAN FRANCISCO** Jackson and Battery Streets.

Two - story and basement reinforced concrete addn. to lithograph plant (work includes heating, ventilating, plumbing, electric work, piling, waterproofing, concrete, carpentry, plastering, glass roofing, steel windows and rolling doors, sheet metal, etc.)

Owner—Stecher - Traug Lithograph Corp., 640 Battery Street.

Consulting Engineer—Jesse Rosenberg, 325 Market Street.  
Plans were figured by a closed selected list of contractors.

## Low Bidder

**MIXED FEED PLANT & SILOS** Cost, \$200,000

**PETALUMA, Sonoma Co., Calif.** Five-story reinforced concrete mill building (approx. 50 x 80 ft.), head house and grain silos tanks.  
Owner—Poultry Producers of Central California, 840 Battery St., San Francisco.

Low Bidder—Jones Hettelsater Construction Co., Kansas City, Mo.

## CONTRACT AWARDED

**WILMINGTON, Calif.**—Bethlehem Steel Corp., Slason and Downey Ave., Los Angeles, awarded contract for furnishing approximately 3000 tons of structural steel to be used in the construction of a large refinery at Watson, north of Wilmington, for the Richfield Oil Co., C. F. Braun & Co., 1000 S. Fremont Ave., Alhambra, have the contract for the erection of the plant.

## Contract Awarded

**WAREHOUSE** Cost, \$15,000  
**SAN FRANCISCO, W. Bayshore Blvd.** 410 N Courtland Avenue. One-story Class C warehouse.  
Owner—C. A. Wellman, 165 Landers. Architect—Not Given.  
Contractor—Sibley Grading & Teaming Co., 165 Landers St.

## CONTRACT AWARDED

**LOS ANGELES, Calif.**—Joshua H Marks-Charde Co., 816 W. 5th St., awarded general contract for the rock wool building and the pipe hldg., the first two units of a manufacturing plant to be built on a 50-acre site at Alameda Ave. and 283rd Street, Los Angeles county territory, for the Johns-Manville Corp. Consolidated Steel Corp., Slason and Eastern Aves., has the contract for furnishing and erecting the structural steel. Plans prepared by Stone & Webster, engineers, 49 Federal St., Boston, Mass., and 601 W. 5th St., Los Angeles. Albert C. Martin, 233 Higgins Bldg., Los Angeles, is consulting architect.

## CONTRACT AWARDED

**LOS ANGELES, Cal.**—Hess Const. Co., 2921 Oakwood Ave., Lynwood, awarded contract for construction of 3 steel frame factory building (100x160-ft.) at the corner of McKinley and Slason Avenues, Los Angeles, for Coast Centerless Grinding Co., Ray Tissue, president, W. M. Bostock structural engineer, 6221 Pacific Blvd., Huntington Park.

## Plans Being Prepared

**WAREHOUSE** Cost, \$30,000  
**PETALUMA, Sonoma Co., Calif.** One - story frame and corrugated iron warehouse.

Owner—Poultry Producers of Central California, 840 Battery St., San Francisco.

Plans by Eng. Dept. of Owner.  
Bids will be asked at a later date.

## Contract Awarded

**MIXED FEED PLANT & SILOS** Cost, \$195,000

**PETALUMA, Sonoma Co., Calif.** Five-story reinforced concrete mill building (approx. 50 x 80 ft.), head house and grain silos tanks.  
Owner—Poultry Producers of Central California, 840 Battery St., San Francisco.

Plans by Eng. Dept. of Owner.  
Contractor—Jones Hettelsater Construction Co., Kansas City, Mo.  
Electric wiring bids will be asked shortly.

## CONSTRUCTION STARTED

**LOS ANGELES, Cal.**—Jones-Manville Corp. Architects Bldg. will do their own plumbing and electrical work for the first two units of a new manufacturing plant to be built at Alameda Ave. and 283rd St. As previously reported, the Joshua H Marks-Charde Co., Architects' Bldg., has the general contract and Consolidated Steel Corp. has the structural steel. Stone & Webster, engineers; Albert C. Martin, consulting architect.

## 5—FLATS

## Construction Postponed

**FLATS** Cost, \$.....  
**STOCKTON, San Joaquin Co., Calif.** Two - story frame flat building (1- and 5-room flats), two fireplaces gas furnaces, tile and linoleum baths, hardwood floors, wood

sash, wood shingle roof.  
Owner—Withheld.  
Architect—Victor Galbraith, 221 East  
Acacia St., Stockton.  
Construction postponed until next  
spring.

## 6—GARAGES & SERVICE STATIONS

Contract Awarded  
ALTERATIONS Cost, \$9,500  
SAN FRANCISCO. 1201 Bryant St.  
Alter garage building.  
Owner—A. Crocker Co., c/o Contractor.  
Architect—A. H. Jacobs, 110 Sutter  
St.  
Engineer—H. M. Engel, 110 Sutter St.  
Contractor—B. A. Howkins & Co.,  
1182 Market St.

Contract Awarded  
SERVICE STATION Cost, \$8,500  
SAN FRANCISCO. SW Geneva Ave.  
and Paris Street.  
Class C gasoline service station.  
Owner—Norman H. Lewis, 120 Ralph.  
Architect—Not Given.  
Contractor—J. M. Henrietta, 2929 21st  
Avenue.

## 7—FEDERAL BUILDINGS

CONTRACT AWARDED  
SAN DIEGO, CALIF.—Otis Elevator  
Co., Los Angeles, awarded contract,  
at \$18,757, by the Bureau of Yards &  
Docks, Navy Dept., Washington, D.  
C., under Spec. No. 8452, for electric  
passenger elevator, electric freight  
elevator, and hoistway entrances at  
the Naval Operating Base (Hospital),  
San Diego.

Low Bidder  
POST OFFICE  
LIHUE, KAUAI, T. H.  
United States Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect,  
Treasury Department, Washing-  
ton, D. C.  
Low Bidder—George E. Freitas, 95 B.  
Campbell Block, Honolulu—\$65-  
600.

Site Selected  
STORAGE BLDG. Est. Cost, \$275,000  
MARE ISLAND, Solano Co., Calif.  
One-story paint storage building to  
be constructed at north end of  
Cedar Ave. and north of the yard  
causeway road.  
Owner—U. S. Government, Bureau of  
Yards & Docks.  
Plans by Supervising Architect of the  
Treasury Dept., Washington, D. C.  
Building will replace sheds destroyed  
by fire last May.

Bid Opening Date Postponed Until  
Sept. 21, 2 P. M.  
OFFICERS' QTRS., ETC. Cost, \$435,000  
SACRAMENTO CO., Cal.—Army Air  
Depot, near North Sacramento.  
Eight double non-commissioned offi-  
cers quarters (est. cost, \$120-  
900), Spec. No. 387-E; four double  
company officers' quarters,  
including one alternate type "B"  
quarters (est. cost, \$85,000), Spec.  
No. 390-E; one bachelor officers'   
quarters and officers' mess (est.  
cost, \$120,000), Spec. No. 391-E;  
all of reinforced concrete con-  
struction.  
Owner—U. S. Government (Major A.  
W. Parker, Constructing Quar-  
termaster, P. O. Box 1646, Sacra-  
mento).

Plans prepared by the Office of the  
Quartermaster General, Washing-  
ton, D. C.  
Plans and specifications may be  
obtained from the office of the Con-  
structing Quartermaster upon deposit

of \$50. Certified check made payable  
to the Treasurer of the United States  
required as deposit.

Opening date postponed from Sep-  
tember 9.

Complete Bids  
POST OFFICE Cost, \$.....  
LIHUE, KAUAI, T. H.  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Washing-  
ton, D. C.  
Low Bidder—Geo. E. Freitas, 95 B.  
Campbell Block, Honolulu, \$65,000  
Geo. E. Freitas, Honolulu, (Item 1)  
\$65,000; (Alt. A—add) \$5,000.  
Ralph E. Woolley, Honolulu, \$72,300;  
\$500.  
E. E. Black, Ltd., Honolulu, \$74,700,  
\$420.  
Shigomatsu Sonjigo, Hanapepe, T. H.  
\$75,000; \$1,000.  
Walker & Olund, Ltd., Honolulu, \$78-  
000; \$500.  
Phoenix Const. Co., Honolulu, \$84,000;  
\$600.  
John Hansen, Honolulu, \$86,680; \$300.  
W. S. Ching, Honolulu, \$98,550; \$850.

Contract Awarded  
POST OFFICE Cont. Pr., \$82,932  
ANACOSTIA, Washington.  
Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Washing-  
ton, D. C.  
Contractor—T. D. MacNeil, Mt. Ver-  
non, Wash.

LOW BIDDER  
LAURIER, Ferry Co., Wash.—A. A.  
Durand, 500 University, Walla Walla,  
Wash., at \$5,980 submitted low bid to  
the Procurement Division, Washing-  
ton, D. C., for a new well at the U.  
S. Inspection Station at Laurier.

Contract Awarded  
DORMITORIES, ETC.  
Cont. Pr., \$128,800  
KENNETT DAM, Calif., 9 miles N.  
of Redding, Shasta Co., Govern-  
ment camp, Kennett Dam, Cen-  
tral Valley Project.  
Two two-story dormitories (44x90 ft.  
each), three six-room residences,  
two 5-room residences, fifteen 4-  
room residences, fourteen 3-room  
residences, and twelve two-room  
residences; all buildings will  
have wood siding over sheathing,  
composition shingle roofing and  
walboard interior. Spec. No. 742.  
Owner—U. S. Govt., Bureau of Re-  
clamation, 206 Old Post Office  
Bldg., 7th and K Streets, Sacra-  
mento.  
Contractor—N. A. Anderson, 111 West  
7th St., Los Angeles.  
Complete bids published Aug. 9.

Contract Awarded  
LABORATORY, ETC.  
Cont. Pr., \$15,165  
KENNETT DAM, Calif., 9 Miles N.  
of Redding, Shasta Co., Govern-  
ment Camp at Kennett Dam,  
Central Valley Project.  
Concrete testing laboratory (39x54  
ft.) and a combined garage and  
fire station (50x121 ft.); shiplap  
siding, composition shingle roof-  
ing, walboard interior, corrugated  
iron siding and roofing.  
Owner—U. S. Government, Bureau of  
Reclamation, 206 Old Post Office  
Bldg., 7th and K Streets, Sacra-  
mento.  
Contractor—Ray & Christofferson,  
767 Seventh St., San Bernardino  
Complete bids published Aug. 11

Contract Awarded  
DUPLIX COTTAGES  
Cont. Pr., \$90,000  
KENNETT DAM, Calif., 9 Miles N.  
of Redding, Shasta Co., Govern-  
ment Camp at Kennett Dam.

## Central Valley Project.

Twenty-seven duplex cottages (ap-  
proximately 48x34 ft. each); may  
be prefabricated or built in place.  
Building board exterior wall cov-  
ering and composition shingle  
roofing; Spec. 708.

Owner—U. S. Govt., Bureau of Re-  
clamation, 206 Old Post Office  
Bldg., 7th and K Streets, Sacra-  
mento.

Contractor—John E. Branagh, 116  
Monticello Ave., Piedmont.  
Complete bids published Aug. 9.

Bid Opening Postponed Until Sept.  
22, 1 P. M.  
POST OFFICE Est. Cost, \$85,000  
MAYWOOD, Los Angeles Co., Calif.  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect  
of the Treasury Dept., Washing-  
ton, D. C.

Date was previously set for Sept.  
17.

Plans and specifications may be  
obtained from the Procurement Divi-  
sion, Public Bldgs. Branch, Wash-  
ington, D. C. No deposit for one set  
of plans.

Bid Opening Postponed Until Sept  
22, 1 P. M.  
POST OFFICE Est. Cost, \$155,000  
LAKEVIEW, Lake County, Oregon  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect  
of the Treasury Dept., Washing-  
ton, D. C.

Date postponed from Sept. 17.  
Plans and specifications may be  
obtained from the Procurement Divi-  
sion, Public Bldgs. Branch, Wash-  
ington, D. C. No deposit required for  
one set of plans.

## 8—CLUB BUILDINGS

Preliminary Studies Prepared  
CLUBHOUSE, ETC. Cost, \$  
SODA SPRINGS, Nevada Co., Calif.  
Clubhouse, cabins, etc. (log style),  
clubhouse to contain 2 dormi-  
tories, 12 beds each; 2 locker  
rooms, lounge 24x15 ft., dining  
room 24x34 ft., kitchen 24x34 ft.,  
bath, 7 rooms and 6 showers; land-  
scaping, ski run, tennis courts,  
etc.

Owner—Army-Navy Sierra Club  
(Commander E. C. Edwards,  
Mare Island, in charge).  
Architect—Mark Daniels, 101 Post St.,  
San Francisco

Further details will be announced  
at a later date.

Sub Contracts Awarded  
REMODEL BLDG. Cost, \$  
SAN FRANCISCO, McAllister Street  
between Van Ness Ave. and Polk St.  
Remodel building for museum and  
art gallery and future clubrooms  
and dining room.  
Owner—Society of California Pio-  
neers, c/o Architect.

Architect—John H. Ahnden, 822 39th  
Avenue.

Contractor—Williams Martin, 666  
Mission St.

Plastering—A. Cordes, 666 Mission St

Mill Work—Anderson Bros. Planning  
Mill, Quint and Custer Sts.

Electric—Frank Goodman, 1466 33rd  
Ave.

Plumbing—J. J. McLeod, 1246 Golden  
Gate Ave.

Painting—Raphael Co., 270 Tehama  
St.

As previously reported: Heating  
Colan Heating & Sheet Metal Co.  
1060 Folsom St. \$2,145.

**HOSPITALS**

**Bid Rejected**  
**CULINARY BLDG.**, Etc. Cost, \$20,000  
**AHWAHNEE**, Madera County, Calif.  
**Tri-County Tubercular Sanitarium**, Unit No. 1: One-story and basement concrete culinary department building (kitchen, dining room, diet kitchen, etc.) concrete 1100 RS, asbestos shingle roof, steel sash, wire glass, all metal doors, linoleum floor finish, metal lath and plaster ceilings, etc., and Unit No. 2: Frame administration building, wood shakes all-wood trim, linoleum floors, plastered walls.

**Owner**—Madera, Stanislaus and Merced Counties.  
**Architect**—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco.

**Liner & Allen**, 130 27th St., Merced, at \$28,938, submitted only bid, which was rejected. Ahwahnee Hospital Board announced plans will be revised for a frame building.

**Contract Awarded**  
**HOSPITAL**, Cost, \$200,000  
**LIHUE**, Kauai, T. H.

Two-story G. N. Wilcox Memorial Hospital (containing 75 beds), stucco on concrete exterior, concrete frame, metal lath and plaster interior partitions, rigid asbestos roof, asphaltic tile floors, Otis elevator, Oregon pine interior.

**Owner**—Wilcox Trust, Lihue.  
**Architect**—C. W. Dickey, Honolulu.  
**Contractor**—Ralph E. Woolley, Honolulu.

**10— HOTELS**

**Contract Awarded**  
**ALTERATIONS**, Est. Cost, \$500,000  
**SAN FRANCISCO**, Leavenworth and McAllister Sts. Renamed Hotel Empire.

Remodel and redecorate all the guest rooms and apts. in former Wm. Taylor Hotel, remodel church and basement into ramp garage; air-conditioned coffee shop and dining room & cocktail lounge; also Sky Club cocktail lounge to be built on 24th floor; new express elevator.

**Managers**—E. R. Rosenberg and C. E. Eatin.  
**Architect**—Douglas Dacre Stone, 381 Bush Street.

**Associate Architects**—Hertzka and Knowles, 369 Pine Street.

**Contractor**—Lindgren and Swinerton, Inc., 625 Standard Oil Bldg.

September 8, 1937.  
**Sub Bids Wanted**  
**HOTEL**, Cost, \$...  
**NEAR BAKERSFIELD**, Kern Co., Calif.

One-story frame and stucco hotel (14 rooms).  
**Owner**—H. G. Kennedy, 1140 Chatham Road, Oakland.

**Architect**—Not Given  
**Mgr. of Construction**—H. G. Kennedy, 1140 Chatham Road, Oakland.

**Contract Awarded**  
**HOTEL**, Cost, \$200,000  
**BURNS**, Oregon.

Three-story and mezzanine floor concrete hotel building (200x100-ft.) 60, rooms, 5 shops, etc.

**Owner**—E. W. Barnes.  
**Architect and Engineer**—E. A. Miller, Contractor—Avalonde Const. Co., 629 W. Oak St., Portland.

**13— PUBLIC BUILDINGS  
 FIRE HOUSES & JAILS**

**Bids Opened**  
**SMOKE STACK**, Cost, \$.....  
**TALMAGE**, Mendocino County, Calif.  
 State Hospital.

Erection and completion of a concrete smoke stack approximately 82 ft. in height and partly lined with fire brick, and the removal of two steel stacks.

**Owner**—State of California, Department of Institutions.  
**Architect**—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.

**Low Bidder**—Carl N. Swenson, 355 Stockton Ave., San Jose.  
 Complete bids follow:  
 Carl N. Swenson, San Jose..... \$6,500  
 K. E. Parker Co., San Francisco 7,636  
 Oliver S. Almie, S. F. .... 9,340  
 Bids held under advisement.

**CONTRACT AWARDED**  
**SACRAMENTO**, Cal.—Lawrence Const. Co., 5772 Ninth Ave., Sacramento, at \$2865 awarded contract by State Division of Architecture, for improvements to Sutro's Fort, Sacramento.

**CONTRACT AWARDED**  
**SEATTLE**, Wash.—A. S. Hansen, 2200 25th St., Seattle, at \$106,948 was awarded contract by Board of Public Works for switchboard building, equipment, etc., for the City of Seattle.

**Preparing Plans**  
**ADDITION**, Cost, \$228,181  
**KELSO**, Wash.  
 Four-story reinf. concrete and brick veneer addition to courthouse (82x118 ft.), acoustical treatment, concrete slab flooring, pressed rubber linoleum, steel sash, etc.

**Owner**—County of Cowlitz.  
**Architect**—Ray V. Weatherly, Henry Bldg., Longview, Wash.

**SUB BIDS WANTED**  
**SAN FRANCISCO**, Calif.—A. Nelson, 242 Ocean Ave., desires sub bids on all portions of the work for the construction of Engine House No. 20 for which bids will be opened Sept. 15th by the Department of Public Works, City Hall, San Francisco.  
 Plans prepared by City Architect Chas. Sawyer, City Hall.

**To Ask Bids Shortly**  
**ARCHITECTURAL FEATURES**, Cost, \$

**YERBA BUENA SHOALS**, Site of the 1939 World's Fair  
 Architectural features of the Central Courts of the Palace group  
**Owner**—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.  
 Plans by San Francisco Bay Architectural Commission, 585 Bush St.

**Funds Allotted**  
**CITY HALL**, ETC., Est. Cost, \$30,611  
**WILLIAMS**, Colusa Co., Calif.  
 Frame and concrete city hall, jail and firehouse, tile roof, metal lath, plaster and celotex.  
**Owner**—City of Williams.  
**Architect**—Not Given.  
 PWA allotted grant in the amount of \$13,776 to assist in financing.

**Funds Allotted**  
**PRODUCTS TERMINAL BLDG.**, Est. Cost, \$305,334  
**SAN FRANCISCO**, Calif.  
 Construction of a four-story to existing building, extensions of elevators, addition of refrigerator equipment and storage, and enlargement of existing machinery room on first floor of building

Exterior walls are to be reinforced concrete with column structure, which with reinforced concrete columns support the roof which will, in the future, become another or fourth floor. Work includes removal of existing roof covering and repairing slab for floor usage.

**Owner**—State of California (Board of Harbor Commissioners), Ferry Bldg.  
**Engineer**—Frank G. White, Ferry Bldg.

PWA grant, Docket W-1379, in the amount of \$137,400, has been allotted to assist in financing.

**BIDS WANTED**  
**OAKLAND**, Alameda Co., Calif.—Until Sept. 14, 1 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing and installing a gas floor furnace in engine house at 4226 Moraga Road, Oakland.

**Bids Rejected**  
**LIBRARY**, Cost, \$...  
**CARMICHAEL**, Sacramento Co., Cal County Library.  
**Owner**—County of Sacramento.  
**Architect**—Harry J. Devine, Cronan Bldg., Sacramento.  
 Work postponed until next spring.

**Bids Wanted—To Close Sept. 14,**  
**2 P. M.**  
**AIRPLANE HANGAR**, Cost, \$10,000  
**HUMBOLDT CO. AIRPORT**, Cal. 3 miles east of Eureka.  
 Eight-plane hangar (60x85 feet) of redwood timber construction with Teco connectors.  
**Owner**—County of Humboldt (Fred M. Kay, Clerk).  
**Architect**—F. G. Geergerson, 537 G St Eureka.

**Structural Engineer**—W. H. Ellison, 821 Market St., San Francisco.  
 Plans and specifications obtainable at the architect's office. Bid must be accompanied by certified or cashier's check or bid bond for 5% of bid, made payable to the clerk.

**Correction in Contract Award**  
**MEMORIAL BLDG.**, Cent. Pr., \$21,549  
**PORTOLA**, Plumas Co., Calif.  
 Veterans' Memorial Building.  
**Owner**—County of Plumas.  
**Architect**—Not Given.  
**Contractor**—Howard Ross, Box 941, Nevada City.

It was previously announced in error by the office of the county clerk that this contract had been awarded Mr. Ross at \$2,164.

**BIDS WANTED**  
**STOCKTON**, San Joaquin Co., Cal.—Until Sept. 20, 11 A. M., bids will be received by the Office of San Joaquin, Eugene D. Graham, County Clerk, for replacing existing boiler in steam heating plant of the Court House at Stockton.

Plans and specifications prepared by Julius B. Manthey, county surveyor, Highway-Agriculture Building, Hazelton Ave. and B St., Stockton, in whose office they are now on file.

**Contract Awarded**  
**VISALIA**, Tulare Co., Calif. R. Pederson, 446 Clark St., Fresno, at \$10,105, awarded contract by the City of Visalia, Ann Lowell, City Clerk, for remodeling the Municipal Auditorium in Visalia.

Complete bids follow:  
 R. Pederson, Fresno \$7,650 alt. 1  
 add \$2,185 (2) add \$2,155, 3  
 add \$3,251 (4) add \$352 (5) add \$276, 6  
 add \$1,925  
 R. Hodgson & Son, Forterville \$12,500 (1) add \$2,000 (2) add \$2,000  
 Kaspar Schlaich, Visalia \$20,216  
 (3) add \$7,875 (4) add \$670 (5) 194  
 \$150 (6) add \$2500

### Plans Being Filed—Bids Close September 2

**MEDICAL BLDG.** Cost, \$23,000  
**MARYSVILLE**, Yuba Co., Calif. H and Fourth Streets.  
 One - story frame and stucco medical building (offices, treatment rms., etc.), completely air - conditioned.  
 Owner—Withheld.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

**Proposed**  
**LIBRARY ANNEX** Cost, \$3,500  
**LARKSPUR**, Marin Co., Calif.  
 New library annex (29 x 40 ft.) to be constructed on south side of the city hall.  
 Owner—Town of Larkspur.  
 Architect—Not Given.

**Contract Awarded**  
**RE-ROOF BLDG.** Cont. Pr., \$1,323  
**STOCKTON**, San Joaquin Co., Calif.  
 State Hospital Farm.  
 Re-roof with composition roofing the Female Ward Bldg.  
 Owner—State of California, Dept. of Institutions.  
 Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.  
 Contractor—San Joaquin Lumber Co., P.O. Box 71, Stockton.

**Bids Opened**  
**BOILER** Cost, \$ .....  
**TALMAGE**, Mendocino County, Cal  
 State Hospital.  
 Erection and completion of a new 300-h.p. W.T. boiler in the boiler plant, complete with foundations, burner, breeching, piping and other appurtenances required for complete installation.  
 Owner—State of California.  
 Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.  
 Low Bidder—Walter S. Leland, Walnut Creek, \$16,665.  
 No other bid was submitted by C. C. Moore & Co., San Francisco, at \$19,225.  
 Bids held under advisement. \*

## 14—RESIDENCES

**Work Started**  
**ALTERATIONS** Cost, \$ .....  
**SAN FRANCISCO**, Calif. 2626 Valjejo Street.  
 Alterations to residence.  
 Owner—Mrs. A. Diehl.  
 Architect—Mark Daniels, 101 Post St.  
 Work is being done by day's labor.

**Bids Opened**  
**RESIDENCE** Cost, \$12,000  
**SACRAMENTO**, Calif. Robbins Center.  
 Two-story frame and brick veneer residence.  
 Owner—Edward Schranz, Jr.  
 Architect—Chas. Dean, California State Life Bldg., Sacramento.  
 Low Bidder—J. C. Motroni, Box 537, Woodland.  
 Complete bids follow:  
 J C Motroni, Woodland..... \$14,646  
 Fred Stuckert, Sacramento..... 16,870  
 Brown & Woodhouse, Woodland..... 16,500  
 Bids held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$ .....  
**OAKLAND**, Alameda Co., Calif.  
 Two - story frame and stucco residence.  
 Owner—Mr Dorick.  
 Architect—Fred Reimers, 233 Post St., San Francisco  
 Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland

**Bids Opened**  
**RESIDENCE** Cost, \$ .....  
**ROSEVILLE**, Placer Co., Calif.  
 Two - story frame and stucco resi-

dence (shake roof, hardwood floors, two tile baths, gas furnace, etc.)  
 Owner—Dr. Lucas Empey, c/o Architect.  
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento.  
 Low Bidder—F. Collaro, Roseville, \$13,100.  
 Complete bids follow:  
 F. Collaro, Roseville.....\$13,100.00  
 R. P. Mussetter, Auburn..... 13,380.00  
 H. K. Giesser, Roseville..... 13,426.70  
 Browning Const. Co., North Sacramento..... 13,560.00  
 Bids ran high and are being held under advisement.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**MILLBRAE**, San Mateo Co., Calif.  
 Lot 4340, Hillcrest, Ashton Ave.  
 One - story frame and stucco residence.  
 Owner—N. Schultz, Millbrae.  
 Architect—Not Given.  
 Contractor—Schultz Constr. Co., 1 Hillcrest Blvd.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
**OAKLAND**, Alameda Co., Calif. 600 Florence Ave.  
 One - story frame residence (6 rooms)  
 Owner—R. W. Schumacher, 600 Florence Ave.  
 Architect—C. H. Treichel, 696 Cleveland Ave.  
 Contractor—C. H. Thrans, 25 Home Place. \*

**Owner Taking Bids**  
**RESIDENCE** Cost, \$7,000  
**BURLINGAME**, San Mateo Co., Cal.  
 Two - story frame and stucco residence (6 rooms), hardwood floors, tile baths, wood shingle roof.  
 Owner—B. Tanklage, c/o Liberty Mill Co., San Francisco.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

September 7, 1937.  
**Bids In—Held Under Advisement**  
**APARTMENT COURT** Cost, \$25,000  
**MENLO PARK**, San Mateo Co., Cal.  
 Frame and stucco apartment court (four 3 - room and six 2 - room apartments), gas hot air heating, hardwood floors, tile baths, composition shingle and composition roof, steel sash, nine garages.  
 Owner—L. P. Heiman, c/o Architect.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Announcement in about one week.

**Sub Bids Wanted**  
**RESIDENCE** Est. Cost, \$4,500  
**SAN LEANDRO**, Alameda Co., Calif.  
 One - story reinforced concrete residence and garage.  
 Owner—John Anderson Corp., 495 3rd St., Oakland.  
 Architect—William W. Wurster, 260 California St., San Francisco.  
 Contractor—Adam Arras & Son, 495 3rd St., Oakland.  
 Mr. Arras desires sub bids at his Oakland office after 1 p.m. Sept. 7, 8 and 10th, on brick, roofing, hardware, mill work, lumber, painting, asphalt tile, plumbing, heating, electric work, glass and sheet metal.

**Contract Awarded**  
**RESIDENCE** Contract Price, \$8,450  
**SACRAMENTO**, Sacramento County.  
 Two - story frame and brick veneer residence, shingle roof, steel sash, tile floors in baths, oil burning heating system.  
 Owner—Dr. Savarin, c/o Architect.  
 Architect—Herbert Goodpastor, Miltau Bldg., Sacramento  
 Contractor—N. H. Lund, 2241 Ninth Ave., Sacramento.

**Bids Wanted**  
**RESIDENCE**  
**LAFAYETTE**, Contra Costa Co., Cal.

One - story frame and stucco residence (7 rooms), oil-fired hot air heating system, steel sash, composition roof, etc.  
 Owner—Dr. Robert A. Brady, Berkeley.  
 Architect—R. J. Neutra, 251 Kearny St., San Francisco.

**Contract Awarded**  
**ALTERATIONS** Cost, \$6,500  
**PIEDMONT**, Alameda Co., Calif. 4 Park Way.  
 Alter residence.  
 Owner—A. Martin, 4 Park Way.  
 Architect—Not Given.  
 Contractor—G. M. Teigland, 525 49th St., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,500  
**ALAMEDA**, Calif. Fernside Tract.  
 One - story frame and stucco residence (6 rooms), hardwood floors, tile baths, wood sash, hot air heating system.  
 Owner—Wallace Miracle.  
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.  
 Contractor—Chas. Falk, 1520 E. 38th St., Oakland.

**Contract Awarded**  
**RESIDENCE**  
**LA GRANGE**, Stanislaus Co., Calif.  
 One - story frame and stucco ranch house (12 rooms), tile roof, steel sash, oil heating plant, etc.  
 Owner—J. C. Rasasco, c/o Architect.  
 Architect—G. N. Hilburn, 1211 K St., Modesto.  
 Contractor—Laughlin Constr. Co., Turlock.

## 15—SCHOOLS

**BIDS WANTED**  
**ALLEGHANY**, Sierra Co., Calif.—Until Sept. 17, bids will be received by the Alleghany School District (Pat Shepard, Clerk), for the construction of a frame school building.  
 Plans prepared by Carl Lindly, 244 Kearny Street, San Francisco. Plans and specifications may be seen at the architect's office and at the residence of the clerk at Alleghany.

**Preparing Sketches**  
**SCHOOL** Cost, \$381,000  
**VALLEJO**, Solano Co., Calif.  
 New Lincoln School; alterations to Curry School and addition of science building and girls' gymnasium at the High School.  
 Owner—Vallejo Unified School District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 An election will be held in the near future to vote bonds to finance construction.

**Bids Wanted—To Close Sept. 17, 8 P. M.**  
**SCHOOL ADDN.** Est. Cost, \$12,000  
**UPPER LAKE**, Lake Co., Calif.  
 One - story frame addition to grammar school (2 classrooms, library)  
 Owner—Upper Lake Union School District, J. Clair Shirley, clerk.  
 Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
 Upper Lake Union School District has voted bonds in the amount of \$12,000 to finance construction of the school.

Plans and specifications obtainable from the architect's office upon deposit of \$10.00.  
**CONTRACT AWARDED**  
**JEROME**, Ariz.—H. Clay Sparks, 922 E. Van Buren St., Phoenix, was awarded contract by Jerome Union High School District, at \$77,000, for construction of a gym and classroom building 77 x 117 ft in area, and a new heating plant at Jerome. It will be a brick structure with stucco

exterior, glass brick, heating and ventilating equipment, lockers and showers, stucco interior. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix, architects.

**BIDS REJECTED**

**SANTA MARGARITA**, San Luis Obispo Co., Calif.—Santa Margarita Elementary School District (David W. Miller, Clerk) rejected all bids for adding the Santa Margarita Elementary School.

Kyle Roof Service, San Luis Obispo, at \$2,135 submitted low bid.

**Contract Awarded**  
**SCHOOL ADDITION**

**WEED**, Siskiyou Co., Calif. Cont. Pr., \$3,152  
Classroom addition to the Weed High School.

Owner—Siskiyou Union High School District, E. H. Kaupp, Clerk, Yreka.

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Contractor—F. H. Neilson, 96 Eighth St., Orland.

Complete bids follow:  
F. H. Neilson, Orland.....\$3,152  
Roy & Hart.....9,209  
Albert Young.....10,527

**BIDS OPENED**

**SCHOOL ADDITION**  
**SANTA CLARA CO.**, Calif. Cambrian School District.

Addition of an auditorium to the Cambrian Grammar School.  
Owner—Cambrian Union Elementary School District.

Architect—Binder & Curtis, 25 West San Carlos St., San Jose.  
Low Bidder—Bert Ward & Son, 1139 Lincoln Ave., San Jose—\$14,025.

Complete bids follow:  
Bert Ward & Son, San Jose.....\$14,025  
Bridges Constr. Co.; San Jose.....14,270  
Carl N. Swenson Co., S. J.....14,284  
Neilson, Erlentraut, S. J.....14,400  
J. C. Monk & Son, Los Gatos.....15,600  
George L. Honore, S. J.....16,908  
A. Nelson, Inc., S. F.....15,600  
Bids held under advisement.

**CONTRACT AWARDED**

**SANTA CLARA COUNTY**, Calif.—California Roofing Co., San Jose, at \$470 submitted only bid and awarded contract by the Cambrian School District (Violet R. Bohaert, clerk) for the repairing of the roof of the school building.

**Preparing Working Drawings**  
**SCHOOL**

**SAN JOAQUIN CO.**, Calif. Three mi. north of Lodi (Huston Grammar School).

One-story school building (5 classrooms and auditorium), tile roof.  
Owner—Huston Grammar School District.

Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

Huston School District voted bonds July 1 in the amount of \$50,000, proceeds to finance construction.

Plans will be completed and forwarded to Sacramento for approval in about 10 days.

**Contract Awarded**

**HEATING PLANT** Cont. Pr., \$5,198  
**WALNUT GROVE**, Sacramento Co., Calif.

Heating plant in the Walnut Grove Elementary School.

Owner—Walnut Grove School District.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Luppen & Hawley, Inc., 3126 J St., Sacramento.

Complete bids follow:  
Luppen & Hawley, Inc., Sacramento—\$5,198.

M. F. Carpenter, 907 Front St., Sacramento—\$5,314.  
Willy & Rhoads, 3653 J St., Sacramento—\$5,598.

**Contract Awarded**  
**SCHOOL ADDITION**

**NEAR SACRAMENTO**, Calif. Sylvan Grammar School.

Three-room frame and brick veneer addition to school, electric heating system, shingle roof.

Owner—Sylvan Elementary School District.

Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
Engineer—F. W. Kellner, 329 Market St., San Francisco.

Contractor—L. F. Gould, 1623 O St., Sacramento—\$14,813.

**BIDS WANTED**

**ARTESIA**, Los Angeles Co., Cal.—Until Sept. 17, 8:30 p.m., bids will be received by the Bloomfield School District for construction of an addition to the Bloomfield School, near Artesia. Plans and specifications may be obtained at the office of Kenneth S. Wing, architect, 501 Terminal Ave., Long Beach, after Sept. 7, upon deposit of \$10.

**Completing Working Drawings**

**SCHOOL ADDITION** Cost, \$140,000  
**BERKELEY**, Alameda Co., Calif. NE via Alameda and Virginia Sts.

Whittier Elementary School addition of approximately 13 classrooms, principal's office, cafeteria, rest rooms, lavatories, and an auditorium.

Owner—Berkeley Unified School District.

Architect—P. L. Dragon and C. R. Schmidts and B. R. Hardman and G. Officer, 2068 Allston Street, Oakland.

Plans will be completed and forwarded to Sacramento for approval in about ten days.

**Bids Opened**

**SCHOOL ADDN.** Cost, \$.....  
**CONTRA COSTA COUNTY**, Cal. Ambrose School District, near Pittsburg.

Three additional classrooms and an auditorium for Ambrose School.  
Owner—Ambrose School District.  
Architect—H. H. Weeks, 593 Market St., San Francisco.

Bids were taken under the following propositions: (a) deduct for omitting finish in Room No. 1; (b) deduct for omitting Room No. 1 (c) deduct for omitting certain cabinets in Rooms 2 and 3; (d) deduct for buzzer instead of clocks; (e) deduct for omitting telephones and wiring; (f) deduct for omitting electric lamps and fixtures; (g) deduct for omitting cement floor in storeroom under stage; (h) add for radiator in store room; (i) deduct for omitting heating, etc. in auditorium; (j) concrete per cubic yard.

- (1) C. M. Norgrove, 2220 Roosevelt Ave., Berkeley, \$47,170.
- (2) George Petersen, San Leandro, \$47,250.
- (3) N. H. Sjoberg & Son, Oakland, \$47,964.
- (4) W. K. Van Bokkelen, Oakland, \$48,576.
- (5) E. Seeno, Pittsburgh, \$49,000.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(a)	\$1358.00	\$885.00	\$815.00	\$1252.00	\$831
(b)	3320.00	3160.00	2985.00	2781.00	2714
(c)	166.00	605.00	582.00	172.00	273
(d)	163.00	170.00	158.00	160.00	45
(e)	145.00	135.00	127.00	135.00	151
(f)	975.00	900.00	870.00	850.00	718
(g)	225.00	140.00	154.00	132.00	333
(h)	65.00	65.00	72.00	65.00	85
(i)	1375.00	1380.00	1294.00	1300.00	1364
(j)	.90	1.10	1.15	1.15	1.10

**Preparing Working Drawings**  
**ADDITION** Cost, \$

Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.

Owner—Albany High School District

Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

**BIDS WANTED**

**FULLERTON**, Orange Co., Calif.—Until Sept. 14, 7 p.m., bids will be received by the Fullerton School District for fencing, landscaping, installation of playground equipment and construction of lunch shelters at elementary school sites in Fullerton. Plans and specifications obtainable from the district superintendent, Fullerton, upon deposit of \$25.

**Preparing Preliminary Plans**  
**SCHOOL** Est. Cost, \$300,000

**EL CERRITO**, Contra Costa Co., Cal. New three-story reinforced concrete El Cerrito High School.  
Owner—Richmond Union High School District (Walter T. Helms, Supt. of Schools).

Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

**Plans Completed**

**SCHOOL ADDITION** Cost, \$8,000  
**SACRAMENTO COUNTY**, Calif.

One-story frame and stucco addition to Arcade Grammar School.  
Owner—Arcade Elementary School District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans are now awaiting approval at State Division of Architecture.

**Preliminary Plans Completed**  
**HIGH SCHOOL** Cost, \$150,000

**SAN ANSELMO**, Marin Co., Calif. Drake Blvd. near Morningglade Court.

New Junior Tamalpais High School.  
Owner—Tamalpais High School District—Architect—Not Given.

Preliminary plans have been submitted to the State Board of Education and the State Division of Architecture.

**BIDS WANTED**

**LOS ANGELES**, Cal.—Until Sept. 15, 2 P. M., bids will be received by Los Angeles Board of Education for construction of a reinforced concrete Class A auditorium building, shop building and a classroom building at the Western District high school. All three buildings will be let under one contract but separate bids will be taken for each unit. Est. cost, \$199,000.  
H. L. Gogerty, 6872 Yuca, and C. E. Noerenberg, 210 Los Angeles Railway Bldg., architects; O. W. Ott, mechanical engineer; Clayton T. Gibbs, electrical engineer.

Following contractors have procured plans: Chas. J. Dorfman, 124 N. La Brea Ave.; Wm. J. Shirley, 1724 S. Vermont Ave.; Schuck Const. Co., 1937 62nd St.; Carlo Bongiovanni, 2504 Canyon Dr.; E. C. Nesser, 4822 W. Jefferson St.; Theo. A. Eeyer Corp., Chamber of Commerce Bldg.; W. W. Petley, 624 S. La Brea Ave.; David J. Reed, 6348 Colgate Ave.; Arthur Pinner, Jr., 4354 3rd St.

**Site Selected**

**HIGH SCHOOL** Cost, \$  
**SAN JOSE**, Santa Clara Co., Calif. San Willow Glen Way and Pine Ave. at south end of Bird Ave. New Willow Glen Junior High School.  
Owner—San Jose Union High School District.

Architect—Not Given.

Purchase of the proposed high school site was recently announced by Superintendent Walter L. Bachrodt.

September 8, 1937.

**Funds Allotted**  
**SCHOOL** Est. Cost, \$29,000

**VENTURA CO.** Montalvo Grammar School District.

One-story frame and stucco one-and-a-half type school building (three classrooms, auditorium, kitchen and

office rooms), U-shaped, with open cloisters surrounding a patio, flat roof, composition roofing, wood sash doors and trim, concrete foundation and floors in cloisters, wood floors in cloisters, wood floors in classrooms and auditorium.

Owner—Montalvo Grammar School District.

Architect—Not Given.

PWA allotted grant in the amount of \$13,909 to assist in financing.

#### Funds Allotted

SCHOOL Est. Cost, \$14,500  
MONTREY CO., Calif. Buena Vista School District.

One-story frame school building (2 classrooms, coat and lunch rooms, two workrooms, teachers' room, janitor's room, boys' and girls' toilets.

Owner—Buena Vista School District. Architect—Not Given.

PWA allotted grant in the amount of \$6,325 to assist in financing.

#### Plans Being Completed

HIGH SCHOOL Cost, \$57,765  
POINT ARENA, Mendocino Co., Cal

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and auditorium to seat 300.

Owner—Point Arena Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

District allotted grant by PWA in the amount of \$25,994. Bonds to complete financing approved May 18.

Plans will be forwarded to State Division of Architecture, Sacramento, for approval in about one week.

### 16—BANKS, STORES AND OFFICES

Preliminary Plans Being Prepared  
ALTERATIONS Cost, \$.....  
SAN FRANCISCO, Calif. California and Montgomery Streets.

Alterations and additions to 12-story office building (15 x 37 ft.).  
Owner—Louis R. Lurie, 333 Montgomery Street.

Architect—W. D. Peugh, 333 Montgomery Street.

Further details will be announced shortly.

Plans Being Figured—Bids Close on  
Sept. 13, 5 P. M.

ALTERATIONS Cost, \$.....  
SAN FRANCISCO, Calif. 3rd Mason Street.

Alterations for restaurant.  
Owner—John Leighton.

Architect—Albert E. Williams, 251 Post Street.

Following will submit bids:  
Unit Bolt Fixture Co., 557 Market Street.

Mullen Mfg. Co., 60 Rausch St.  
Pink & Schindler, 552 Brannan St.

W. C. Tait, 883 Market St.  
Walter Mfg. Co., 5875 Mission St.

Braas & Kuhn, 1917 Bryant St.  
I. & E. Emanuel, 2665 Jones St.

Ostlund & Johnson, 1901 Bryant St.  
Wm. Bateman, 1915 Bryant St.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Minneapolis-Moline Power Implement Co., 933 Chapman Bldg., Los Angeles, awarded contract for furnishing and erecting the structural steel for a 2-story telephone exchange building (70x100 ft.) to be built in Compton for the Southern California Telephone Co., 740 S. Olive St., Los Angeles. General contract to be awarded shortly. Plans by Owner's Engrg. Dept. \*

Contract Awarded  
STORE BLDG. Cost, \$8,500  
OAKLAND, Alameda Co., Cal. 3403-05 Broadway.

One-story frame store building.  
Owner—E. Carlton Baker, Alameda. Architect—Not Given.  
Contractor—S. & J. S. McClure Co., 506 Ramona St., Albany.

Contract Awarded  
ALTERATIONS Cost, \$18,700  
SAN FRANCISCO. Stockton and Market Sts.

Alter interior of fifth floor of store building and install fixtures.  
Owner—Roods Bros., Inc.

Architect—Albert R. Williams, 251 Post St.

Contractor—L. & E. Emanuel, Inc., 2665 Jones St.

PLANS BEING FIGURED  
HUNTINGTON PARK. Los Angeles Co., Cal.—Pacific States Savings & Loan, 437 S. Hill St., Los Angeles, is taking bids from a selected list of contractors for a one-story, brick and reinforced concrete store building (72x100 ft.) to be built at 6113-19 Pacific Blvd., Huntington Park, for themselves.

Norstrom & Anderson, architects, 424 Insurance Exchange Bldg., Los Angeles.

#### CONTRACT AWARDED

COMPTON, Los Angeles Co., Cal.—Ryder-Nelson Co., 1036 S. Ridgeway Dr., Los Angeles, awarded general contract for construction of a 2-story telephone exchange building, 70x100 feet in area, in Compton for the Southern California Telephone Co., Minneapolis-Moline Power Implement Co., 933 Chapman Bldg., Los Angeles, will furnish and erect the structural steel. Plans were prepared by the owner's engineering department, 740 S. Figueroa St., Los Angeles.

Plans Completed  
MEDICAL BLDG. Cost, \$23,000  
MARYSVILLE, Yuba Co., Calif. H and Fourth Streets.

One-story frame and stucco medical bldg. (offices, treatment rooms, etc.), completely air-conditioned.  
Owner—Withheld.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans are completed and will go out for bids very shortly.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans are completed and will go out for bids very shortly.

PLANS BEING FIGURED  
LOS ANGELES, Calif.—Until Sept. 14, 10 a. m., Architect Albert C. Martin, 233 Higgins Bldg., is taking bids for a medical office building to be built at 2816 Glendale Blvd. for Dr. Floyd J. Trenery. Separate bids are being taken on electric wiring.

Plans are completed and will go out for bids very shortly.

Sub-Contracts Awarded  
ALTERATIONS Cost, \$300,000  
SAN FRANCISCO. Claus Spreckels Bldg., Third and Market Streets.

Alterations and additions to Claus Spreckels Bldg., consisting of the removal of the present four-story dome and addition of seven new floors, complete new lobby and exterior modernization of bldg.

Owner—The Pacific States Savings and Loan Company.

Architect—Albert F. Roller, Crocker First National Bank Building.

Engineer—H. J. Brunner, Sharon Building.

Contractor—P. J. Walker Co., Sharon Building.

Structural Steel—Western Iron Wks., 11 Beale Street.

Plumbing and Heating—Frank Davidson, Ltd., 65 Chesley St.

Electric Wiring—Radefinger Bros., 544 Natoma Street.

Wrecking—Emasco Concrete Cutting

Corp., 147 11th St.  
Terra Costa—Gladding, McBean and Co., 660 Market St.

### 17—THEATRES

Completing Plans  
THEATRE Cost, \$100,000  
WILLOWS, Glenn Co., Calif. S Butte.

Reinforced concrete theatre building (125x150-ft.) to seat 1,200; six stores.

Manager—Joe Samaha, San Francisco. Architect—Not Given.

Contractor—Salih Bros., 25 Taylor St. San Francisco.

Construction is expected to start within a few weeks.

Plans Being Completed  
ALTERATIONS Cost, \$30,000  
STOCKTON, San Joaquin Co., Calif.

323 E. Main Street.  
Alterations to State Theatre.

Owner—Fox West Coast Theatres. Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contract Awarded  
ALTERATIONS Cost, \$25,000  
RICHMOND, Contra Costa Co., Calif.

Fifth Street.  
Alterations to theatre building (new seats, plastering, concrete floor, heating and ventilating system, wiring, fixtures, etc.).

Owner—Fox West Coast Theatres. Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Oakland.

Contract Awarded  
ALTERATIONS Cost, \$25,000  
RICHMOND, Contra Costa Co., Calif.

Fifth Street.  
Alterations to theatre building (new seats, plastering, concrete floor, heating and ventilating system, wiring, fixtures, etc.).

Owner—Fox West Coast Theatres. Architect—A. A. Cantin, 64 Pine St., San Francisco.

Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Oakland.

### 19—MISC. CONSTRUCTION

Plans Completed  
FUNERAL PARLOR Cost, \$25,000  
SAN FRANCISCO, Calif. S. Greer St., east of Powell.

One-story frame funeral parlor.  
Owner—Valente, Marini & Perata & Co.

Engineer—Conrad T. Kett, 519 California St.

Contractor—Conrad T. Kett, 519 California St.

BIDS WANTED  
SACRAMENTO, Calif.—Until September 30, 10 a. m., bids will be received by the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio, San Francisco, under C.P. No. 1084-Sc-38-2, for installing a telephone conduit system at the Sacramento Air Depot.

Bids will be taken on the following:

(1) Installing single clay duct in place, per lin. ft.;

(2) Installing two-way clay duct in place, per lin. ft.;

(3) Installing four-way clay duct in place, per lin. ft.

Plans and specifications may be obtained at the above office.

BIDS WANTED  
SACRAMENTO, Calif.—Until September 30, 10:30 a. m., bids will be received by the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio, San Francisco, under C.P. No. 1084-Sc-38-3, for installing subterranean cable at the Sacramento Air Depot, Sacramento.

Bids will be taken on the following:

(1) Installing cable WC-251 (1 pair) in place, per ft.;

(2) Installing cable WC-253 (2 pair) in place, per ft.;

(3) Excavating and backfilling, per lin. ft.;

(4) Excavating rock, per cu. yd.

Plans and specifications may be obtained from the above office.

BIDS OPENED  
LEWIS CO., Ore.—Harold Blake, 400 N. Thompson St., Portland, at \$10,450, submitted the only bid to the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-38-62, for

constructing experimental sections of asphalt-bound river bank revetment and repairing existing revetment, in the Willamette River, 1 1/4 miles above Harrisburg, Oregon. Est. cost, \$5,346.

Work involves:

- (1) 8,000 sq. yds. asphalt-bound gravel-ell revetment by penetration;
- (2) 11,000 cu. yd. seal coat;
- (3) 2,000 gals. of 8.5 lbs. additional asphalt.

Unit prices follow:

- Harold Blake Portland: (1) \$1.00; (2) \$35; (3) \$30.

Mr. Blake qualified his bid conditioned on being awarded the Independence oiling contract.

**BIDS WANTED**

**SANTA MONICA, Los Angeles Co., Cal.**—Meyer J. Hirsch, Santa Monica, is taking bids for a reinforced concrete stadium, to seat 3000 persons, to be built on Olympic Blvd., near Lincoln Blvd., Santa Monica. Plans are available at the office of J. L. Zerboni, Bureau Union Transfer & Storage Co., Hill and Main Streets, Ocean Park.

**Bids in Hand Under Advertisement.**

**ALTER MORTUARY.** Cost, \$..... **SAN FRANCISCO.** 17 Brennan Place Alter front of mortuary. Owner—Joa. Hagan & Sons. Architect—Albert R. Williams, 251 Post Street. Announcement shortly.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Sept. 22, 1:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for tile work in the Stockton Street tunnel, Stockton St. between Bush and Sacramento Streets.

Plans and specifications obtainable at the above office upon deposit of \$10.00. Bid must be accompanied by certified check payable to the City and County of San Francisco for 10% of the bid.

**COMPLETE BIDS**

**EAST SOUND, San Juan Co., Wash.**—O. A. Carlson, 2212 Second St. Seattle, at 471,464 (Group 1) and NePage-McKenny Co., 804 6th Street, Seattle, at 70,996 (Group 2) and 68,295 (Group 3), submitted low bids to the Orcas Light & Power Co., Inc., Henry Cayon, President, East Sound, for about 52 miles of rural electrical distribution system in San Juan Co. Group 1—welded; Group 2—copper; Group 3—aluminum.

Total bids follow:

- O. A. Carlson, 2212 Second St. Seattle ..... (1) \$71,464
- ..... (2) 72,145
- ..... (3) 69,864

**Ne-Page McKenny Co., 804 6th St., Seattle.** (1) 72,066 (2) 70,996 (3) 68,295

**J. J. Agutter & Co., Seattle.** (1) 75,562 (2) 75,573 (3) 76,087

**Homer J. Johnson, Portland.** (1) 63,689 (2) (3) 65,195

**Van S. McKenny Co., Seattle.** (1) 107,635 (2) 109,028 (3) 106,028

**BIDS OPENED**

**SPOKANE, Wash.**—Puget Constr. Co., 3951 8th NW, Seattle, at \$247,212, submitted low bid to the Inland Rural Electrification, Inc., of St. John, Wash., for the construction of 270 miles of power line in Spokane County.

Total bids follow:

- Puget Constr. Co., 3951 8th NW, Seattle..... \$247,212

**Roberts & Broad, Spokane.** 257,353  
**Fritz Ziebarth, Long Beach, Calif.** 259,348

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until September 28, 2 p.m., bids will be received by State Division of Architecture, Department of Public Works, Public Works Bldg., Sacramento, for wrecking buildings on the Los Angeles State Building site, First and Broadway, Los Angeles.

The buildings referred to are the former Los Angeles Times building and four buildings on First St., designated as 219, 221, 225 and 227 First Street. The work will involve the removal of the Times building down to the first floor level and the removal of the other four buildings down to the basement level, all in accordance with specifications for the work. All materials and equipment to be removed will become the property of the successful contractor. Bids will be entertained on a sale basis or on a contract basis. In the case of a sale, the contractor offering to perform the work and pay the most for the materials and equipment will be considered first. In case no sale offers are received, the offer proposing to charge the least for performing the work will be considered.

**Bids Wanted—To Close Sept. 21.**

**ADDITION, ETC.** Cost, \$15,000  
**SEATTLE, Wash.** Occidental Avenue and King Street.

Two - story reinforced concrete and brick addition to warehouse (300x45-ft.)

Owner—Northern Pacific Railway Co. 1818 King St., Seattle.

Plans by Engr. Dept. of Owner (A. F. Stotter, Asst. Chief Engineer), Lessee—Central Fruit and Produce Co., Occidental and Kings Sts., Seattle.

**20— MISC. SUPPLIES AND MATERIALS**

**BIDS WANTED**

**ROSEDALE, Kern Co., Calif.**—Until Sept. 16, 8 P. M., bids will be received by the Rosedale Union School District, W. P. Lewis, Clerk, for furnishing the following materials for the construction of a school building for the Rosedale School: 1 lot structural steel; 1 lot electrical fixtures; 1 lot millwork.

Specifications and list may be obtained at the office of Architect Perrine & Mackie, 908 Western Pacific Bldg., Los Angeles.

**BIDS OPENED**

**LOS ANGELES, Cal.**—The following submitted bids to Los Angeles County Purchasing Agent under Bid No. 437, for pre-mixed rock and oil delivered, as follows:

- (1) 1800 tons Eastern Avenue bet. Worth St. and Floral Dr.;
- (2) 160 tons Cortez St. bet. Barranca and W. Covina city limits;
- (3) 750 tons Covina Blvd. bet. Citrus Ave. and Grand Ave.;
- (4) 2232 tons Cypress Ave. bet. Irwindale and Grand Aves.;
- (5) 615 tons Dozier St. bet. Rowan and Bramick Aves.;
- (6) 235 tons McDonnell Ave. bet. Michigan and First Sts.;
- (7) 920 tons Badillo St. bet. Hollenbeck and Lark Ellen Hgts.;
- (8) 558 tons Hollenbeck Street from Badillo to W. Covina city limits;
- (9) 235 tons Humphreys Ave. bet. 3rd and Gleason Sts.;
- (10) 110 tons Brannick Ave. bet. Folson and Blanchard Sts.;
- (11) 360 tons Virginia Ave. bet. Barranca St. and Oregon Ave.;
- (12) 324 tons E. Badillo St. bet. Bar-

- ranca St. and Grand Ave.
- Oswald Bros., (1) \$2.94; (2) \$3.60; (3) \$3.50; (4) \$3.50 (5) \$3.25; (6) \$3.25; (7) \$3.50; (8) \$3.50; (9) \$3.25; (10) \$3.30; (11) \$3.50; (12) \$3.50; net.
- Asphalt Paving Materials Co., (1) \$2.99; (2) \$3.99; (3) \$2.84; (4) \$2.78; (5) \$3.33; (6) \$3.39; (7) \$2.84; (8) \$2.84; (9) \$3.39; (10) \$3.39; (11) \$2.84; (12) \$2.84; net.
- Pacific Rock & Gravel Co., (1) \$3.10 (2) \$2.9; (3) \$2.84; (4) \$2.83; (5) \$3.30; (6) \$3.30; (7) \$2.83; (8) \$2.83; (9) \$3.30; (10) \$3.35; (11) \$2.83; (12) \$2.85; net.
- W. E. Hall Co., (1) \$3.15; (2) \$2.95; (3) \$2.79; (4) \$2.79; (5) \$3.35; (6) \$3.35 (7) \$2.79; (8) \$2.79; (9) \$3.35; (10) \$3.35; (11) \$2.79; (12) \$2.79; net.
- Osborn Co., (1) \$2.94; (2) no bid; (3) \$2.94; (4) \$2.94; net.

**BIDS WANTED**

**OAKLAND, Calif.**—Melrose Lumber & Supply Co., 46th Ave. and 12th St., Oakland, at \$3,493.64, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 908, for furnishing 81,000 l.f. Oregon pine lumber.

Total bids follow:

- Melrose Lumber & Supply Co., 46th Ave. and 12th St., Oakland..... \$3,493.64
- Eureka Mill Lumber Co..... 3,506.86
- Loop Lumber & Mill Co..... 3,559.78
- Humphrey Lumber Co..... 3,559.80
- E. K. Wood Lumber Co..... 3,561.42
- Bay City Lumber Co..... 3,566.40
- Smith Lumber Co..... 3,572.35
- Strable Co..... 3,639.18
- Zenith Lbr. & Mill Co..... 3,705.39
- Hogan Lumber Co..... 3,771.52
- Oakland Lumber Co..... 3,834.25
- San Pablo Lumber Co..... 3,837.68

**BIDS OPENED**

**LOS ANGELES, Calif.**—The following submitted bids to the Los Angeles Water & Power Purchasing Agent, under Spec. No. 2397, for (1) 34,000 lbs. No. 1/10 AWG; (2) 6,000 lbs. 3/0 AWG:

- John A. Roebbling's Sons Co.—(1) \$19.60, (2) \$19.55; disc. 1/2% 10 days.
- Anaconda Wire & Cable Co.—(1) \$19.60, alt. for combination award with Spec. No. 2401, \$19.47; (2) \$19.50; alt. \$19.37; disc. 1/2% 10 days.
- Electric Wholesale Mart—(1) \$19.45, (2) \$19.35; disc. 1/2% 30 days.
- Phelps-Dodge Copper Prod.—(1) \$19.60, alt. \$19.47; (2) \$19.50, alt. \$19.37; disc. 1/2% 10 days.
- U. S. Rubber Prod.—(1) \$19.60, (2) \$19.50; disc. 1/2% 10 days.
- General Cable Corp.—(1) \$19.60, (2) \$19.50; disc. 1/2% 10 days.

- Listenwaller & Gough—(1) \$19.60, (2) \$19.50; disc. 1/2% 10 days.
- Westinghouse Electric Co.—(1) \$19.60, (2) \$19.50; disc. 1/2% 10 days.

**BIDS OPENED**

**LOS ANGELES, Calif.**—The following firms submitted identical bids to the Los Angeles Water & Power Purchasing Agent, for triple braid weatherproof insulated copper wire: (a) 10,000 lbs. No. 8 AWG; (b) 15,000 lbs. No. 2 AWG; (c) 24,000 lbs. No. 6 AWG; (d) 65,000 lbs. No. 6 AWG; (e) 80,000 lbs. No. 4 AWG.

F.o.b. 1630 N. Main St., Los Angeles, Spec. 2401.

- General Cable Corp., U. S. Rubber Prod., Phelps-Dodge Copper Prod., John A. Roebbling's Sons Co. Anaconda Wire & Cable Corp. Item (1) (a) \$20.72, (b) \$19.67, (c) \$19.85, Item (2) \$20.12; Item (3) \$19.82, Disc. 1/2% 10 days.
- Electric Wholesale Mart, Item (1) (a) \$20.45, (b) no bid, (c) \$19.55; Item (2) \$19.85; Item (3) \$19.55, Disc. 1/2% 30 days.

**BIDS OPENED**

**BONNEVILLE, Ore.**—Star Iron & Steel Co., 435 E 11th St., Tacoma, at \$9,975 (Alternate B) submitted only bid to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-38, for Gantry Cranes for Bonneville. Alternate "A", fob shipping point; Alternate "B", fob Bonneville.

- Work involves:
- (1) one 1½-ton Gantry Crane "A", with lifting beam;
  - (2) one 1½-ton Gantry Crane "B", with lifting beam;
  - (3) 3 loading skips.

Unit prices follow:  
 Star Iron & Steel Co., 435 E. 11th St., Tacoma, Wash., (1) \$4,935; (2) \$1,935; (3) \$35.  
 No bid received on Alternate "A".

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Consumers Rock & Cement Co., 575 Berry St., San Francisco, at \$70,000, submitted low bid to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-22, for furnishing (1) 8,500 c.y. of Class "A" ready-mix concrete; (2) 1,500 c.y. Class "B" ready-mixed concrete.

- Total bids follow:
- (A) Consumers Rock & Cement Co., 575 Berry St., San Francisco—\$77,050.
  - (B) San Francisco Gravel Co.—\$87,400.
  - (C) Ready-mix Concrete Co., Ltd.—\$93,700.
  - (D) Golden Gate Atlas Materials Co.—\$97,500.

Bids on individual schedules were:

	(1)	(2)
(A) .....	\$65,875	\$11,175
(C) .....	79,900	13,800
(D) .....	82,875	14,625
(B) .....	74,800	12,600

**BIDS OPENED**

**OAKLAND, Calif.**—Iowa Valve Co., 501 Howard St., San Francisco, at \$11,850, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal LS-204, for furnishing 760 hub end street valves.

Total bids follow:

Iowa Valve Co., 501 Howard St., San Francisco.....	\$11,850.00
Rensselaer Valve Co.....	11,872.00
Pacific States Valves.....	11,932.20
Rich Mfg. Co.....	12,092.70
Crane Company.....	16,965.00

**BIDS OPENED**

**SACRAMENTO, Calif.**—Chas. R. McCormick Lumber Co., 461 Market St., San Francisco, at \$341.50, submitted low bid to the Sacramento State Purchasing Agent, 319 State Capitol Bldg., under Req. 27665, for creosoted Douglas fir lumber, f.o.b. Folsom, Calif.

Total bids follow:  
 Chas. R. McCormick Lumber Co., 461 Market St., San Francisco—\$341.50.

J. H. Baxter & Co.—\$344.04.  
 Stapleton Lumber Co.—\$451.20.  
 James L. Hall—\$525, 2% 30 days.  
 James L. Hall, at \$425, submitted an alternate bid; delivery 30 days after creosoted plant is completed.

**BIDS OPENED**

**PETALUMA, Sonoma Co., Calif.**—Following submitted bids to the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, for the sale to the city of materials and supplies for the improvement of Third Street, by widening its intersection with the east line of C Street to the east boundary of the City of Petaluma.

Estimated requirements:  
 (1) 5584 sacks Portland cement;

- (2) 1617 tons coarse aggregate;
- (3) 750 tons fine aggregate;
- (4) Part circle corrugated iron culverts;
- (5) (a) electrical conduits; (b) 54 L bends.

Total bids follow:  
**ITEM I**—  
 M. Vonsen Co., Petaluma—\$7½¢ per sack; 2½% 30 days.

G. P. McNear, Petaluma—67¢ per sack; 2½% cash discount.  
 Golden Eagle Milling Co., Petaluma—67½¢ per sack; 2½% cash disc.  
 Diamond Match Lumber Co., Petaluma—67½¢ per sack; 2½% cash discount.

Hunt & Behrens, Inc., Petaluma—67½¢ per sack; 2½% cash discount.

**ITEM II**—  
 Hines Bros. & Basalt Rock Co., Inc., Napa, at \$1.70.

Lauritzen, Petaluma, at \$1.80.

**ITEM III**—  
 Lauritzen, Petaluma, at \$1.70.

Hines Bros. & Basalt Rock Co., Inc., Napa, at \$1.80.

**ITEM IV**—  
 California Corrugated Culvert Co., Berkeley—\$1.55 per ft

**ITEM V**—  
 Cline Electric Co., Petaluma—(a) 21¢ per ft.; (b) \$1.90 each.

Westinghouse Elec. Co., S. F.—(a) \$0.2203 per ft.; (b) \$2.30 each; cash discount, 5%.

A. F. Tomasini Hardware Co., Petaluma—(a) \$20.13 per 100 ft.; (b) \$57.45 per 100 ft.

Baugh & Liddle, Petaluma—(a) \$21.59 per 100 ft.; (b) \$17.5 each.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—J. A. Roebings Sons Co., 624 Folsom St., San Francisco, at \$7180.00, was awarded contract by the U. S. Engineer, Los Angeles, for wire rope.

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# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                                      |                               |
|------------------------------------------------------|-------------------------------|
| 21.—Bridges                                          | 30.—Reservoirs and Dams       |
| 22.—Drainage, Harbor Works, Excav., Irrigation Proj. | 31.—Pipe Lines and Wells      |
| 23.—St. Light, Systems                               | 32.—Sewers & Sewage Equipment |
| 24.—Machinery and Equipment                          | 33.—Disposal Plants           |
| 25.—Railroads                                        | 34.—Water Works               |
| 26.—Fire Alarm Sys.                                  | 35.—Parks & Play-grounds      |
| 27.—Fire Equipment                                   |                               |
| 28.—Streets & Highways                               | 35.—Tunnels                   |

## 21— BRIDGES

### CONTRACT AWARDED

**MARIN CO., Calif.**—John Carvano, 122 Clorida Ave., San Rafael, at \$5,380.25, submitted low bid and was awarded contract by the Marin Co. Board of Supervisors, County Clerk, County Court House, San Rafael, for the construction of a reinforced concrete bridge across Olema Creek on the Olema to Point Reyes Lighthouse Road, County Road No. 402, Marin County.

Work involves:  
 (1) 165 c.y. Class A Portland cement in place;  
 (2) 28,000 lbs. reinf. steel, in place  
 Total bids follow:  
 John Carvano, 122 Clorida Ave., San Rafael—(1) \$22.85, (2) \$0.0575; total, \$5380.25.

Renati Bros., Novato—(1) \$23.80, (2) \$0.055; total, \$5467.00.  
 Brower & Lambretti, Mill Valley—(1) \$25.40, (2) \$0.055; total, \$7381.

### BIDS WANTED

**MENDOCINO COUNTY, Cal.**—Until Sept. 29, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a bridge across Garcia River, 3.5 miles north of Point Arena, consisting of one 120-ft. steel truss span, one 66-ft., two 50-ft. and one 20-ft. 6-in. steel beam spans on concrete piers with timber pile foundations, and approx. four-tenths mile grading and surfacing with imported material and applying penetration oil treatment.

- Work involves:  
 (1) 1 lot clear and grub right of way;  
 (2) 150 M. gals. water;  
 (3) 1,650 c.y. rdwy. excav., unclas.;  
 (4) 400 cu. yd. struc. excav.;  
 (5) 11,060 c.y. imported borrow;  
 (6) 18 sta. finishing rdwy.;  
 (7) 11 tons liquid asphalt SC-2;  
 (8) 85,000 lbs. bar reinf. steel;  
 (9) 116 c.y. Class A portland cement concrete footing blocks;  
 (10) 420 c.y. Class A Portland cement concrete struc.;  
 (11) 217,000 lbs. struc. steel;  
 (12) 3,080 lbs. cast steel;  
 (13) 440 lf. timber railing;  
 (14) 1,280 lf. furnish untreated Douglas fir piles, includ. test piles;  
 (15) 1,860 lf. furnish treated do.;  
 (16) 85 each driving piles, including test piles;  
 (17) 86 lf. 18-in. CMP;  
 (18) 4 each culvert markers;  
 (19) 0.60 mile new property fence;  
 (20) 4 each drive gates;  
 (21) 10 each monuments;  
 (22) 1 only remove and dispose of

existing bridge;  
 (23) 1 lot misc. items of work.  
 The state will furnish CMP.  
 Plans and specifications may be obtained at the above office

### BIDS WANTED

**ALAMEDA CO., Calif.**—Until September 29, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two grade separations, one over the tracks of the Southern Pacific Company at Redmond, and the other under the tracks of the Western Pacific Railroad Company at Stone Cut.

- Work involves:  
 (1) 25 M. gals. water;  
 (2) 39,000 c.y. rdwy. excav., without classification;  
 (3) 200 c.y. ditch excav.;  
 (4) 2,200 c.y. struc. excav.;  
 (5) 3,300 c.y. backfill;  
 (6) 7,900 sta. yd. overhaul;  
 (7) 4.4 sta. finishing rdwy.;  
 (8) 850 tons crusher run base;  
 (9) 5 tons liq. asph., SC-2, penetration oil treatment;  
 (10) 428 c.y. Class A portland cement concrete pavement;  
 (11) 830 each, pave. dowels;  
 (12) 400,000 lbs. bar reinf. steel;  
 (13) 1,820 c.y. Class A portland cement conc. strucs.;  
 (14) 342 c.y. Class A portland cement conc. arch barrel;  
 (15) 15 c.y. Class A portland cement conc. railing;  
 (16) 720 lf. steel piles, including test piles, furnishing;  
 (17) 20 each, steel piles, including test piles, driving;  
 (18) 188 lf. 8-in. CMP;  
 (19) 146 lf. 12-in. CMP;  
 (20) 76 lf. 15-in. CMP;  
 (21) 78 lf. 18-in. CMP;  
 (22) 416 lf. 8-in. perf. metal pipe;  
 (23) 40 c.y. rock filling material;  
 (24) 26 lf. 24-in. by 3 3/4-in. part circle C M culvert, 12-gauge;  
 (25) 91 c.y. Class A portland cement concrete curbs, gutters and side-walks;  
 (26) 3 each, spillway assemblies;  
 (27) 110 lbs. copper strips;  
 (28) 1 lot misc. items of work  
 Plans and specifications may be obtained at the above office.

### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Atlas Cona. Co., 39 Congress St., Pasadena, at \$15,500, was awarded contract by the Los Angeles County Supervisors, for the construction of a steel bridge on Bush Avenue over Alhambra Wash. The proposed structure will be a one 81-foot span through plate girder bridge with a 24-foot concrete deck.

## Capital City Title Company

•

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Manager

•

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Sacramento : California

### BIDS REJECTED

**STATE OF WASHINGTON.**—The Division of Highways, L. V. Murrow, Olympia, Washington, rejected all bids for clearing, grading, draining and constructing a reinforced concrete slab bridge on about 0.8 mile of Primary State Highway No. 5, Kleikitt Creek Vicinity, U. S. Works Program Highway Project No. W.P.H. 134-E, in Lewis County, Washington, involving about 6 acres of clearing, 23,225 cubic yards of excavation, 260 cubic yards of concrete, 25,000 pounds of steel reinforcing bars, 162 linear feet of pipe culverts and other items.  
 Graham Bros. & Medley, Chehalis, at \$24,704, submitted the only bid. \*

### CONTRACT AWARDED

**SAN BERNARDINO CO., Calif.**—Oswald Bros., 366 E 58th Street, Los Angeles, at \$13,326 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for constructing a reinforced concrete slab bridge across Cable Creek, 7 miles north of San Bernardino, consisting of two 21-ft. spans and one 24-ft. span on concrete bents and about 2 mile of roadway approaches to be graded and surfaced with plant-mixed surfacing medium curing type.

### BIDS WANTED

**SACRAMENTO, Calif.**—Until Sept. 20, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, Court House, Sacramento, for the construction of a concrete bridge east of Rio Linda, known as Curved Bridge, east of Rio Linda.  
 Work involves:  
 (1) 290 c.y. Class A, 6-sack concrete;  
 (2) 59 c.y. Class E, 9-sack concrete;  
 (3) 2,900 lbs. reinforcing steel;  
 (4) 950 c.y. excavation and backfill;  
 (5) Lump sum for removal of the old structure.  
 Plans and specifications may be obtained at the above office.

### BIDS WANTED

**SANTA CLARA CO., Calif.**—Until September 20, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete culvert in Ross Road over Matadero Creek, Santa Clara Co.  
 Plans and specifications may be obtained at the above office upon the deposit of \$1.00 \* 21

## 23— CANALS

### BIDS OPENED

**OWYHEE PROJECT, Oregon-Ida.**—Geo. B. Henly Constr. Co., Ontario, Ore., at \$8,380, submitted low bid to the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Ida., under Spec. No. 961-D, for the construction of earthwork, South Canal lateral, S.C. 57, Station 105-00 to end, and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho

- Work involves:  
 (1) 90,000 c.y. excav., common for laterals;  
 (2) 100 c.y. excav., rock for laterals;  
 (3) 5,000 sta. c.y. overhaul.  
 Total bids follow:  
 (A) Geo. B. Henly Constr. Co., Ontario, Oregon—\$8,380.  
 (B) Jos. P. Brumbach, Parma, Idaho \$ 719.40  
 (C) A. D. MacKenzie, Rupert, Idaho —\$9,300

- (D) J. A. Terling & Sons, Boise—\$10,650.  
 (E) Morrison-Knudsen Co., Inc.—\$10,860.  
 (F) A. L. Nelson, St. Anthony—\$13,650.00.  
 (G) W. C. White, Vale, Oregon—\$16,750.00.

Unit prices follow:

	(1)	(2)	(3)
(A).....	\$0.99	\$0.30	\$0.05
(B).....	.094	.30	.02
(C).....	.10	2.90	.02
(D).....	1.175	.40	.01
(E).....	.118	.40	.04
(F).....	.14	2.00	.05
(G).....	.18	3.50	.04

#### BIDS OPENED

**OWYHEE PROJECT, Oregon-Ida.**  
 Henry L. Horn, Nyssa, Oregon, at \$22,551, submitted low bid to the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 962-D, for the construction of structures South Canal lateral, S. C. 5.7, Station 0 to Station 195, and sublaterals, Succor Creek division, Owyhee project, Oregon-Idaho

Work involves:

- 3300 cu. y. excav., common, for structures;
- 100 cu. y. excav., rock, for strucs.;
- 5100 cu. y. backfill about structures;
- 2300 cu. y. puddling or tamping backfill;
- 1100 cu. y. concrete in strucs.;
- 70000 lbs. placing reinf. bars;
- 1600 sq. yd. dry-rock paving;
- 11 MFMB erecting timber in structures;
- 1300 lf. laying 15-in. dia. conc. pipe;
- 530 lf. laying 18-in. dia. conc. pipe;
- 450 lf. laying 24-in. dia. conc. pipe;
- 50 lf. laying 30-in. dia. conc. pipe;
- 50 lf. laying 36-in. dia. conc. pipe;
- 276 lf. laying 60-in. dia. conc. pipe;
- 5700 lbs. installing gates;
- 500 lbs. installing misc. metalwork.

Total bids follow:

- (A) Henry L. Horn, Nyssa, Oregon—\$22,551.  
 (B) W. C. White, Vale—\$26,658.  
 (C) J. A. Terling & Sons, Boise, Idaho—\$27,789.  
 (D) Fife & Co., Nyssa, Oregon—\$29,644.50.  
 (E) H. J. Adler Constr. Co., Yakima, Wash.—\$32,551.  
 (F) R. Knolton, Layton, Utah—\$35,481.50.

Unit prices on file at the office of the Daily Pacific Builder.

#### BIDS OPENED

**ALL-AMERICAN CANAL, Cal.—A. S. Vinnell Co., 969 Amalia Avenue, Alhambra, at \$147,462 submitted low bid to the U. S. Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under spec. No. 744, for construction of earth lining from Station 51-50 to Station 691-46, All-American Canal.**

Work involves:

- (1) 243,200 cu. y. compacted earth lining;
  - (2) 64,400 cu. y. uncompactd do.
- Total bids follow:
- A. S. Vinnell Co., 969 Amalia Ave., Alhambra, (1) \$3,475; (2) \$2,225; \$147,642; (total) \$147,462.

Zybavh & Trowbridge Co., Nebraska, Kuhn Bros., Manhattan Beach: (1) \$ 615; (2) \$ 14; \$158,584.

Geo. W. Condon Co., Omaha: (1) \$ 625 (2) \$ 29; \$170,676.

Geo. K. Thompson Co., Los Angeles: (1) \$ 85; (2) \$ 22; \$172,248.

Geo. Bork & Co., Los Angeles: (1) \$ 65; (2) \$ 28; \$176,112.

V. R. Dennis Const. Co., S. D.: (1) \$ 73; (2) \$ 24; \$192,992.

Morrison-Knudsen Co.: (1) \$ 74; (2) \$ 25; \$196,065.

Oswald Bros., Los Angeles: (1) \$ 85 (2) \$ 25; \$222,820.

## 25—MACHINERY AND EQUIPMENT

### BIDS WANTED

**LOS ANGELES, Calif.—Until Sept. 17, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for RENTAL of core drilling equipment, complete with all accessories and operating personnel, for drilling rock and taking cores at site of proposed Hansen Dam in Tujuanga Wash; Circ. r.t.p. 33. Bids will be received on:**  
 (1) 300 hrs. rental of drilling outfit as specified, for 1st 300 hrs.;  
 (2) 300 hrs. same, after 1st 300 hrs. of operation have been completed.  
 Est.—500 lf. drilling to be completed within 50 calendar days. \*

### BIDS OPENED

**LOS ANGELES, Calif.—Following submitted bids to the Metropolitan Water District, F. E. Weymouth, General Manager, and Chief Engineer, 306 W. 3rd St., Los Angeles, for furnishing an electric mine hoist for use at the Lawrence adit of the San Jacinto tunnel of the Colorado River aqueduct; Spec. 236. The work to be bid on is as follows:**

- (1) double drum hoist complete with motor and controls;
- (2) single drum hoist, do.;
- (3) services of erecting engineer.

Items (1) and (2) are alternative.

Bids follow:

Vulcan Iron Works, Wilkes-Barre, Pa.—Without elec. equip.: (1) \$43,500; shipping weight, 200,000 lbs.; heaviest piece, 15,000 lbs.; no disc.; (2) \$28,700; shipping weight, 130,000 lbs.; heaviest piece, 15,000 lbs.; no disc.; (3) erecting engineer, \$21 per day; f.o.b. Wilkes-Barre, Pa.

Nordberg Mfg. Co., Los Angeles—(1) No bid, (2) f.o.b. cars, Milwaukee, Wis., \$41,300; shipping weight, 190,000 lbs.; heaviest piece, 20,000 lbs.; no disc.; (3) services of erecting engineer, \$15 per day.

### BIDS WANTED

**SACRAMENTO, Calif.—Until September 10, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one commercial type automobile, with pick-up body. Plans and specifications may be obtained from the above office. \* 25**

### BIDS WANTED

**OAKLAND, Calif.—Until September 15, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 910, for furnishing one motor truck chassis. Plans and specifications may be obtained at the above office. \* 1**

### BIDS OPENED

**LOS ANGELES, Calif.—The following submitted identical bids, at \$1732, tax \$259.50, to the Metropolitan Water District Purchasing Agent, Los Angeles, under Bid No. 88063, for furnishing five electric motor belt-driven air compressors.**  
 Worthington Pump & Machy. Co., Chicago  
 The Roy-Rix Machinery Co., Chicago  
 The Pneumatic Tool Co., Brown-Bevis Equipment Co., Sulphur Machinery Co., Ingersoll-Rand Co.

### BIDS OPENED

**LOS ANGELES, Calif.—The following submitted bids to the Metropolitan Water District, Los Angeles, under Spec. No. 239.**

Bids were taken as follows:

Sch 1—Item (1), one 48x42-inch needle valve, complete with control and operating mechanism; Item (2), one 60x54-inch needle valve, complete

with control and operating mechanism.

Sch. 2—Item (3), one 42-in. horizontal cylinder valve complete with 48x42-in. adapter and control and operating mechanism; Item (4), one 54-in. horizontal cylinder valve, complete with 60x54-in. adapter and control and operating mechanism.

Total bids were:

Joshua Hendy Iron Works, San Francisco—Sch. 1, (1) \$10,100, (2) \$14,340; no use tax; total, \$24,450. W'ts.: (1) 20,300 lbs. dunnage, etc., 1300 lbs.; net wt for erection, 19,000 lbs.; (2) 34,435 lbs. dunnage, etc., 1708 lbs. net weight for erection, 32,727 lbs. Sch. 2, no bid; f.o.b. Sunnyvale. No disc.

Pelton Water Wheel Co., San Francisco—Sch. 1, (1) \$11,445, (2) \$25,550; no use tax; total, \$36,995. Weights, (1) 28,000 lbs. dunnage, etc., 1000 lbs; net weight for erection, 27,000 lbs; (2) 61,600 lbs. dunnage, etc., 2500 lbs; net weight for erection, 59,000 lbs. Sch. 2, no bid; f.o.b. San Francisco. No disc.

Hardie-Tynes Mfg. Co., Birmingham, Ala.—Sch. 1, (1) \$10,500, (2) \$18,750; total, \$29,250. Weights: (1) 34,000 lbs. dunnage, etc., 800 lbs; net weight for erection, 33,400 lbs; (2) 59,000 lbs. dunnage, etc., 1000 lbs. net weight for erection, 58,000 lbs; f.o.b. Birmingham, Ala. Disc. ½ of 1%; 10 da; subject to use tax.

S. Morgan Smith Co., York, Pa.—Sch. 1, no bid; Sch. 2, (3) \$7015, (4) \$9040; total, \$16,055, exclusive of use tax. Weights: (3) 17,000 lbs. dunnage, 500 lbs; net weight for erection, 16,500 lbs; (4) 25,700 lbs. dunnage, etc., 700 lbs; net weight for erection, 25,000 lbs; f.o.b. York, Pa. No disc.

### BIDS WANTED

**SAN FRANCISCO—Until Sept. 13, 10 A. M., bids will be received by Col. O. S. Albright, Signal Corps, Contracting Officer, Ninth Corps Area, Presidio, under CP No. 1084 SC 28-6, for installing one high frequency antenna system at Hamilton Field, Marin County.**

Plans and specifications may be obtained at the above office.

### BIDS WANTED

**BONNEVILLE, Ore.—Until Oct. 1, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-97, for fire protection equipment at Bonneville, Ore. Alternate "A" fob shipping point; Alt. "B" fob Bonneville.**

Work involves:  
 (1) Carbon dioxide fire protection system, for two 48,000 kv-a generators, three transformer vaults and one oil storage room and spare parts.

### EXTRAS:

- (2) Services of erecting engineer, if required;
- (3) 50-lb. cylinders filled with carbon dioxide, complete with discharge head flexible connection and all apparatus, equipment and materials necessary for installing

In addition to Item 1. Plans and specifications may be obtained from the above office.

### CONTRACT AWARDED

**SAN FRANCISCO—Moore Drydock Co., foot of Adeline St., Oakland, at \$1490.00 (28 days) awarded contract by the U. S. Engineer Office, Lieutenant Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Spec. No. 888-38-21, for furnishing two self-adjusting dragheads for U. S. Dredge "San Pablo"; fob Presidio, San Francisco.**

Total bids follow:

Moore Drydock Co., foot of Adeline St., Oakland, \$1490; 28 days.

General Engr. & Drydock Co., San Francisco; \$1628; 35 days.  
Bethel Steel Co., San Francisco; \$2960; 35 days for first; 50 days for second.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Following submitted bids to the Metropolitan Water District, under Spec. 229, for five 20-in. combination electric motor and manually floor operated auxiliary cranes for use in handling pumps and intermediate shafts at Colorado River Aqueduct pumping plants:

Consolidated Steel Corp., Ltd. (1) \$5108 each, total, \$25,540; no use tax, job bidder's plant, 5700 S. Eastern Ave., Los Angeles. Wt., 14,000 lbs. per crane; heaviest piece, 14,000 lbs. Net.

Judson-Pacific Co., San Francisco (Coast Engr. & Equip. Co., Los Angeles): (1) \$4715 each, \$23,575; no use tax, job San Francisco, Shipping wt., 16,500 lbs.; heaviest piece, 16,500 lbs.; no discount.

Cyclops Iron Works, San Francisco: (1) \$5200 each, total, \$26,000; no use tax, job point not stated. Shipping weight, 17,300 lbs.; heaviest piece, 17,300 lbs. Disc.  $\frac{1}{2}$  of 1%.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Fairbanks, Morse & So., at \$2136.61 were awarded the contract by Metropolitan Water District Purchasing Agent for oil transfer pumps, job Los Angeles; Bid No. 476.

#### Total bids follow:

Fairbanks, Morse & Co. \$2136.61  
DeLaval Pacific Co. 2673.57  
Smith Booth User Co. 8806.22  
Worthington Pump & Mch'y. 4260.68

#### CONTRACTS AWARDED

**CONCHAS DAM, N. M.**—The following were awarded contracts by the U. S. Engineer, Conchas Dam, N. M., for furnishing mine equipment for use on the construction of the South Dyke of the Conchas Dam.

Sullivan Mch'y. Co., semi-portable air-compressor, Inv. No. W 911-38-10.  
Sterling Motor Truck Co., motor trucks with dump bodies, Inv. No. W 911-38-11.

Osgood Co., one new 2-yard Diesel power shovel, Lot No. 1 of Inv. W 911-38-12.

Harnischfeger Corp., rental of one used Diesel,  $1\frac{1}{2}$ - to  $2\frac{1}{2}$ -yard power shovel, Lot No. 2 of Inv. W 911-38-12.

The Cleveland Tractor Co., three crawler Diesel tractors, Lot No. 1, Inv. No. W 911-38-13.

Emaco Derrick & Equip. Co., one cable controlled bulldozer, Lot No. 2, Inv. No. W 911-38-13.

Dempster Bros., Inc., 8 units of hoist two detachable bottom dump buckets, Inv. No. W 911-38-14.

#### CONTRACTS AWARDED

**LOS ANGELES, Calif.**—U. S. Pipe & Foundry Co., at \$101,220, awarded contract by Los Angeles Water & Power Commission for cast iron pipe under Spec. X-104.

American Cast Iron Pipe Co., at \$16,875, awarded contract for 7000 ft. 6-in. and 9000 ft. 8-in. pipe under same spec.

## 26—RAILROADS

#### COMPLETE BIDS

**BONNEVILLE PROJECT.**—Wren and Greenough, 2407 NW 28th Street, Portland, at \$66,285, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-55, for furnishing and placing riprap along the S. P. & S. Railway and adjacent property in the vicinity of North Bonne-

vile. Est. cost, \$87,750.00.

#### Work involves:

- (1) 9,000 cu. yd. excav. and sloping;
- (2) 82,000 tons of 2,000-lb. loose riprap, in place.

#### Total bids follow:

- (A) Wren & Greenough, 2407 NW 28th St., Portland, \$66,285.00
- (B) E. L. Gates, Trail, Ore., 98,425.00
- (C) Parker-Schram, Portl'd., 96,475.00
- (D) C. F. Malcolm, 114,000.00
- (E) Morrison - Kundsens, Boise, 114,975.00
- (F) Columbia Contract Co., 120,000.00
- (G) F. J. Kernan, Portland 173,325.00

#### Unit prices follow:

	(1)	(2)
(A) .....	\$0.55	\$4.75
(B) .....	.75	1.39
(C) .....	.40	1.15
(D) .....	.40	1.35
(E) .....	.60	.97
(F) .....	.50	1.40
(G) .....	1.25	1.97

#### TO ASK BIDS SHORTLY

**LOS ANGELES, Calif.**—Stone & Webster, engineers, 601 W. 5th St., Los Angeles, will take bids within a week for a railroad road to be installed on property at Alameda Ave. and 253rd St., Los Angeles County territory, for the Johns-Manville Corp., who are preparing to erect a new manufacturing plant on the site.

## 29—STREETS AND HIGHWAYS

#### BIDS WANTED

**SANTA CLARA CO., Calif.**—Until September 20, 11 a. m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete retaining wall on the San Jose and Almaden Road, south of Curtner Avenue bridge, Santa Clara County.

Plans and specifications may be obtained from the above office.

#### COMPLETE BIDS

**SAN BENITO, MONTEREY, SAN LUIS OBISPO, AND SANTA BARBARA COS., Calif.**—S. A. Cummings, 4170 Falcon St., San Diego, at \$3,662.75, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying traffic stripe to 705 miles existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

#### Work involves:

- (1) 705 miles traffic stripe painting;
- (2) 124 miles traffic stripe spotting.

#### Total bids follow:

S. A. Cummings, 4170 Falcon St., San Diego—(1) \$415; (2) \$5.50; total, \$3662.75.

Al W Simmonds, Sacramento—(1) \$410; (2) \$6.00; total, \$3994.50.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$9,023.52, submitted the low bid to Los Angeles County Supervisors for improving Sepulveda Blvd. from Washington Blvd. to Venice Blvd., 2400 ft. or 0.45 mi. Cash Contract No. 503.

#### Work involves:

- (1) 1,500 cu. yd. excav. (incl. shaping);
- (2) 27,955 sq. ft. 4-in. asphalt base;
- (3) 27,955 sq. ft. 2-in. asphalt concrete wearing surface;
- (4) 194 tons 1½-in. premix pave.;
- (5) 27,760 sq. ft. 6-in. D R base;
- (6) 21,532 sq. ft. 4-in. D R base;
- (7) 136 1½-6-in. x9-in. x15-in. cement concrete curb;
- (8) 73 1½-in. monthlit cement curb curb and gutter.

- 9) 246 sq. ft. 8-in. cement concrete gutter;
- (10) 5,354 sq. ft. 6-in. cement concrete gutter;
- (11) 15 ft. curb armor.

#### The total bids were:

- (A) Griffith Co., 502 Los Angeles Ry. Bldg.—\$9023.52
- (B) Geo. R. Curtis Pav. Co.—\$9397.77
- (C) J. E. Hadcock, Ltd.—\$9424.49
- (D) L. A. Paving Co.—\$9592.49
- (E) Geo. J. Beck Co.—\$11,614.45

#### BIDS WANTED

**SAN FRANCISCO.**—Until Sept. 29, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of Taraval Street between 12th Ave. and Montalvo Ave. Estimated cost, \$27,000.

#### Work involves:

- (1) 3,000 cu. yd. grading (excavation);
- (2) 2,940 lf. unarmored concrete curb;
- (3) 850 sq. ft. 2-course concrete sidewalk;
- (4) 6 brick catchbasins, complete;
- (5) 300 lf. 10-in. VCP culvert, in place.

(6) 14,400 sq. ft. 8-in. Class E 5-sack concrete pavement;

(7) 53,000 sq. ft. asphalt-conc pavement consisting of a 6-in. Class E 5-sack concrete base and a 2-in. asph. concrete wearing surf.

(8) 30 tons asphaltic concrete concrete pavement;

(9) 2500 lf. 4-in. white lacquer traffic lines;

(10) 1 ornamental street lighting system complete.

Plans and specifications may be obtained at the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

#### BIDS WANTED

**SACRAMENTO, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada Counties, Cal.**—Until September 23, 10:30 a. m., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B Street, Marysville, for applying a traffic stripe to about 510 miles of existing pavement in Sacramento, Placer, Yuba, Butte, Sutter, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

The State will furnish all white traffic lacquer used in this work. Lacquer will be delivered in five-gallon containers at the following maintenance stations: Sacramento, Woodland, Williams, Willows, Chico, Marysville, Roseville, Auburn, Placerville, Nevada City and Colfax.

#### Work involves:

- (1) 100 miles traffic stripe spotting;
- (2) 510 miles traffic stripe painting.

Plans and specifications may be obtained at the above office.

#### RECOMMENDED FOR AWARD

**MADERA CO., Calif.**—Louis Biasotti & Son, P.O. Box 587, Stockton, at \$23,033.60, was recommended for award by the Bureau of Public Rd.

H. Swadlow, District Engineer, Federal Office Building, Civic Center, San Francisco, for 4288 miles bituminous treated surfacing (Class C) on Section A (portion) of Route 74 North Fork National Forest Highway Sierra National Forest, Madera County.

#### CONTRACT AWARDED

**ORANGE COUNTY, Calif.**—Oswald Eng'g., 306 E. 5th St., Los Angeles, at \$1210 was awarded contract by the State Division of Highways, S. V. Farquhar, District Engineer, 845 State Bldg., Los Angeles, for 0.3 mile of grading and tracing with Portland cement concrete between Center St. and Placenta Ave. Orange County.

## BIDS WANTED

**NULMOMAH AND HOOD RIVER COS., Oregon.**—Until September 22, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Oregon, for the constructing or improving the Columbia River Highway Reconstruction Grading Project 28-B, National Forest Road Project, Mulnomah and Hood River Counties, Oregon.

## Work involves:

- (1) All reqd. maintenance of special detours;
  - (2) All reqd. extra and misc. force account work;
  - (3) 20 acres clearing;
  - (4) 9 acres grubbing;
  - (5) 3,000 c.y. stripping and storing topsoil;
  - (6) 246,200 c.y. unclass. excav.;
  - (7) 1,000,000 sta. yds. special overhaul;
  - (8) 18,000 c.y. ml. special overhaul;
  - (9) 800 c.y. dry chokel stone or slag base course;
  - (10) 100 tons aggregate for Class A pavement;
  - (11) 50 c.y. Class A concrete (footings);
  - (12) 50 c.y. Class D concrete (in culv. pavement);
  - (13) 14,000 lbs. reinforcing steel;
  - (14) 110 c.y. Class A cement stone masonry (walls);
  - (15) 212 lf. 120-in. corr. galv. sheet metal pipe;
  - (16) 870 lf. bitum. coated corr. sheet metal pipe, Type 1;
  - (17) 520 lf. bitum. coated perf. corr. sheet metal pipe underdrain, Type 2;
  - (18) 3,000 c.y. replacing top soil.
- Plans and specifications may be obtained from the above office upon deposit of \$10.

## BIDS WANTED

**OAKLAND, Calif.**—Until September 13, 4:30 p.m., bids will be received by the Oakland Port Commission for grading and paving Maritime Street, Outer Harbor.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

**SANTA BARBARA CO., Cal.**—Until Sept. 21, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, District Engineer, District V., 50 Higiera Street, San Luis Obispo, for about 12.8 miles of roadbed to be widened and should be treated with liquid asphalt between Santa Barbara and Stony Creek, between Tajiguas and 2 miles west of Arroyo Hondo and between Alcatraz and Gaviota Creek, Santa Barbara County.

Plans and specifications may be obtained from the above office.

## CONTRACTS AWARDED

**STATE OF WASHINGTON.**—The Division of Highways, L. V. Morrow, Olympia, awarded the following contracts for highway and bridge construction:

**Garfield Co.**: Clearing, grading, draining and surfacing of about 3.6 miles of Primary State Highway No. 3, McKiernan Grade to Summit, Federal Aid Project No. 66, in Garfield County, Wash., involving about 31,890 cubic yards of excavation, 29,120 cubic yards of crushed stone surfacing, 181 cubic yards of concrete, 18,060 pounds of steel reinforcing bars, 704 linear feet of cable guard rail design No. 2, 9 MFEM of treated timber and lumber, 465 barrels of bituminous cement, 618 linear feet of pipe culverts and other items.

**Awarded:** Max J. Kunej, E 120 Augusta, Spokane, at \$74,353.

**Whitman Co.:** Manufacturing and

stockpiling crushed stone surfacing and mineral aggregates for non-skid seal on Primary State Highway No. 3, Garfield to Palouse Stockpiling, State Project, in Whitman County, Washington, involving about 7,660 cubic yards of crushed stone and mineral aggregates.

**Awarded:** Roy L. Bair, 1220 Ide, Spokane, at \$7,827.

**Thurston Co.:** Paving with Portland cement concrete and constructing a reinforced concrete bridge on about 0.4 mi. of Primary State Highway No. 9, Ferry Creek Vicinity, Federal Aid Project No. 4, in Thurston County, Washington, involving about 28,440 cubic yards of excavation, 5,200 cubic yards of selected roadway borrow, 540 cubic yards of crushed stone surfacing and mineral aggregates, 3,521 square yards of in-situ concrete pavement, 1,075 linear feet of cable guard rail design No. 6, 297 cubic yards of concrete, 56,000 pounds of steel reinforcing bars, 200 linear feet of cast-iron pipe, 280 linear feet of pipe culverts, and other items.

**Awarded:** Woodworth & Cornell, Inc., Tacoma, at \$43,866.

**Clallam Co.:** Clearing, grading, draining and surfacing on about 0.9 mile of Secondary State Highway No. 9-A, Freshwater Creek Vicinity, Federal Aid, Secondary Highway Project No. FAS 24-A, in Clallam County, Washington, involving about 6 acres of clearing, 30,695 cubic yards of excavation, 7,030 cubic yards of selected roadway borrow, 1,120 cubic yards of screened gravel surfacing, 200 cubic yards of concrete, 33,000 pounds of steel reinforcing bars, 1,780 linear feet of cable guard rail design No. 6, 378 linear feet of pipe culverts, and other items.

**Awarded:** F. E. Wilder, Olympia, at \$26,238.

**Grant Co.:** Constructing a pile and timber trestle detour bridge 667 feet long on Primary State Highway No. 18, across Moses Lake near Nappel, State Project, in Grant County, Washington, involving about 150 MF BM of untreated timber and lumber, 6000 linear feet of untreated piling, and other items.

**Awarded:** Henry Hagman, Cashmere, at \$11,590.

## BIDS OPENED

**LOS ANGELES, Calif.**—L. A. Rock & Gravel Corp., 1735 N. Main St., at \$8400, submitted low bid to Los Angeles Board of Education for ground improvement work at the Commonwealth Ave. school.

Total bids follow: L. A. Rock & Gravel Corp., 1735 N. Main St., \$8400; Ciss Crane Service, \$9649.80; B. G. Karn, \$8846; C. G. Willis & Sons, Inc., \$10,169; Oberg Bros., \$11,184; Arthur Pinner, Jr., \$11,688; Santa Teresa, \$12,996.

## CONTRACTS AWARDED

**GLENDALE, Los Angeles Co., Cal.**—J. Akmadzich, 3028 Gilroy St., Los Angeles, submitted low bid and was awarded contract by Glendale Unified School District, for paving roadways and parking areas at Glendale Junior College. Award was made on tonnage basis. Prices were: (1) Sec. A and B—36,000 sq. ft. 3-in. asphalt, at \$3.65 per ton; (2) Sec. C, 17,900 sq. ft. 3-in. asphalt, at \$3.65 per ton; (3) Sec. D, 39,600 sq. ft. 2-in. asphalt, at \$3.75 per ton.

## CONTRACT AWARDED

**CACHE CO., Utah.**—J. M. Sumsion, Springville, Utah, at \$31,564.20 was awarded contract by the Utah State Road Commission, Salt Lake City, for highway improvement, P.A.S. 8-A, Paradise-Hyrum, Cache Co., Utah.

## BIDS OPENED

**LOS ANGELES, Calif.**—P. J. Akmadzich, 3028 Gilroy St., at \$6,663.64, submitted low bid to Los Angeles Board of Public Works, for grading, paving and otherwise improving Monte Vista Way, bet. Riverside Drive and Moorpark St., a cash contract. Estimated cost, \$7011.38. Work involves:

- (1) Lump sum, grading (612 c.y. excavation, 604 c.y. fill, including removal of exist. improvements)
  - (2) 26,459 sq. ft. conc. pave., 7 inches thick;
  - (3) 29,834 sq. ft. rock and oil roadway, 2 inches thick;
  - (4) 1,587 sq. ft. conc. gutter, 8 inches thick;
  - (5) 16 lin. ft. wood guard rail.
- Total bids follow: \$6,663.64.  
(A) P. J. Akmadzich—\$6,663.64.  
(B) Geo. R. Curtis Paving Co.—\$6,847.06.  
(C) Sou. Calif. Roads Co.—\$7,186.50.  
(D) L. A. Paving Co.—\$7,302.05.  
(E) Griffith Co.—\$7,476.85.  
(F) E. E. Hadcock, Ltd.—\$7,937.97.

## Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$250	740	\$870	\$540	\$430	\$500
(2).....	.16	.165	.17	.17	.18	.194
(3).....	.05	.035	.036	.05	.05	.046
(4).....	.22	.21	.24	.25	.25	.27
(5).....	1.00	1.90	1.25	2.00	2.00	2.00

## BIDS OPENED

**LOS ANGELES, Cal.**—R. A. Gibbs, 1501 W. Mission Rd., Alhambra, at \$2,380.34, submitted low bid to Los Angeles Board of Public Works, Los Angeles, for grading, paving and otherwise improving Monte Vista St., bet. Ave. 61 and Ave. 50, a cash contract. Work involves:

- (1) Lump sum, grading (220 c.y. excavation, no c.y. fill, including removal of existing improvements and 12 trees but not including removal of 6 palm trees); est. cost, \$2263.40;
- (2) 4,134 sq. ft. conc. pave., 8 inches thick, including conc. pave. of variable thickness;
- (3) 1,064 ft. unplan. heavy class curb;
- (4) 10 ft. moldable curb and pave.;
- (5) 231 sq. ft. 1-course walk, 6 inches thick (driveways);
- (6) 100 sq. ft. 1-course walk, 4 inches thick (driveways);
- (7) 1,200 sq. ft. 1-course walk, 3 in. thick;
- (8) 6 palm trees removed.

## Total bids follow:

	(A)	(B)	(C)	(D)	(E)
(A) R. A. Gibbs Co.	\$2,380.34				
(B) John S. Mitchell	\$2,576.51				
(C) A. R. Milosevich	\$3,054.04				
(D) L. A. Paving Co.	\$3,077.71				
(E) Tomel Constr. Co.	\$3,912.02				

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	389.00	450.00	600.00	800.00	1500.00
(2).....	.25	.23	.20	.27	.25
(3).....	.60	.70	.60	.75	.80
(4).....	.80	1.00	.60	1.25	1.25
(5).....	.24	.19	.24	.23	.22
(6).....	.20	.17	.20	.19	.20
(7).....	.16	.16	.15	.17	.16
(8).....	80.00	210.00	350.00	150.00	300.00

## BIDS WANTED

**SAN FRANCISCO**—Until Sept. 22, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of the crossing of Quintara St. and 35th St. by grading, official line and subgrade. Est. cost, \$2000.

## Work involves:

- (1) 600 c.y. grading (excavation);
  - (2) 94 lf. unarmored conc. curbs;
  - (3) 660 sq. ft. 1-course conc. sidewalk;
  - (4) 3 brick catchbasins, complete;
  - (5) 65 lf. 10-in. vit. clay pipe culverts;
  - (6) 4894 sq. ft. asphalt conc. pavement.
- Plans and specifications may be obtained from the office of the City

Engineer, John J. Casey, Room 251, City Hall, upon deposit of \$1000.

**CONTRACT AWARDED**  
**SAN-BERNARDINO CO., Calif.**—George Gardner & Sons, 445 E Cypress Ave., Redlands, at \$19,830 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for applying seal coat to existing pavement on about 82.4 miles between Amboy and Essex and between Vidal and Needles.

**BIDS WANTED**  
**SAN FRANCISCO**—Until Sept. 22, 2:30 P. M., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Moraga St. between 31st and 32nd Avenues, and six other locations, where not already improved. Est. cost, \$6400.

- Work involves:
- (1) 15,097.5 sq. ft. asphalt concrete pavement;
  - (2) 739 l.c. armored concrete curbs;
  - (3) 589 l.c. 6-in. VCP side set curb;
  - (4) 1000 sq. ft. 2-inch asphaltic concrete wearing surface;
  - (5) Plans and specifications may be obtained at the office of John J. Casey, City Engineer, Room 251, City Hall, upon deposit of \$10.

**CONTRACT AWARDED**  
**COLUSA COUNTY, Calif.**—Garcia Const. Co., Irvington, at \$7,645 was awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 E. St., Marysville, for surfacing with road-mix surfacing 2.7 miles between Geneva and 2.7 miles north, Colusa County.

**CONTRACT AWARDED**  
**NAVAJO COUNTY, Ariz.**—Triangle Rock & Gravel Co., P. O. Box 250, San Benito, at \$43,748 awarded contract by the U. S. Bureau of Public Roads, P. O. Box 70, New Post Office Bldg., Phoenix, for placing selected borrow sub-base on about 8.148 miles of Sections A and B, Route 30, Globe-Showlow National Forest Highway, Singuaves National Forest, Navajo County, Ariz.

**BIDS WANTED**  
**MARICOPA COUNTY, Ariz.**—Until Sept. 17, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Phoenix-Prescott Highway, F.A. 84-C, 1st Reop. (1938) AFE 8984. The work, which is located along Center Street in Wickenburg consists of grading, concrete curb, asphalt gutter, concrete pipe, select material, and cut-back mix, and is to be completed on or before Jan. 31, 1938.

- Work involves:
- (1) 1470 cu. rdwy. excav.;
  - (2) 1100 cu. yd. select material;
  - (3) Sprinkling and rolling;
  - (4) 1670 lf. comb. curb and gutter;
  - (5) single curb and valley gutter;
  - (6) 620 lf. 30-in. reinf. conc. pipe;
  - (7) 630 tons cut-back mix;
  - (8) manholes;
  - (9) catch basins;
  - (10) monument covers;
  - (11) 25 tons cut-back asphalt, MC-4;
  - (12) 12 tons emulsified asphalt;
  - (13) screenings;
  - (14) salvaging & stockpiling oil cake.
- Plans and specifications may be obtained at the office of the State Highway Engineer, T. S. O'Connell.

**BIDS WANTED**  
**STATE OF WASHINGTON**—Until September 21, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, Washington, for highway and bridge construction, as follows:

**Whitman County:** Constructing a steel plate girder bridge and reinforced concrete approaches over the Palouse River at Palouse on Primary State Highway No. 3, Federal Aid Project No. 213-D, in Whitman County, Washington, involving about 800 cubic yards of excavation, 455 cubic yards of concrete, 56,000 lbs. of steel reinforcing bars, 150,000 lbs. of structural steel, 2,900 lbs. of cast steel, 800 linear feet of precast concrete piling, and other items.

**Grays Harbor County:** Paving with asphaltic concrete Type I-1 on about 12 miles of Primary State Highway No. 9, Main Street, in Elma, and Elma West, U. S. Public Works Project Nos. NRM 42-B (1935) and NRH 42-C (1935), in Grays Harbor County, Washington, involving about 222 cubic yards cement concrete base and stop, 26 cubic yards of concrete, 2772 tons of asphaltic concrete, 146 linear feet of cable guard rail, design No. 6, 219 linear feet of pipe culverts, and other items.

**Grays Harbor County:** Redecking steel span and reconstructing the steel approach of the Wishkah River Bridge in Aberdeen, on Primary State Highway No. 9, State Project, in Grays Harbor County, Washington, involving about 75 cubic yards of excavation, 210 cubic yards of concrete, 26,000 pounds of steel reinforcing bars, 2,000 pounds of structural steel, 60 MFEM of treated and 48 MFEM of untreated timber and lumber, and other items.

**Pacific County:** Constructing a steel bridge swing type and timber approach trestle and detour bridge over the Nasel River on Primary State Highway No. 12, Federal Aid Project No. 73-B, in Pacific County, Washington, involving about 205 cubic yards of concrete, 57 MFEM of treated and 131 MFEM of untreated timber and lumber, 15,000 linear feet of treated and 12,000 linear feet of untreated timber piling, 816,000 lbs. of carbon and 31,500 lbs. of silicon structural steel, 16,000 lbs. of steel reinforcing bars, 80,000 lbs. of machinery, 800 linear feet of shear timber, and other items.

**Kittitas Co.:** Clearing, grading draining and surfacing on about 1.0 miles of Secondary State Highway No. 2-E, Forest Boundary South, Federal Aid Secondary Highway Project No. FAS 15-A, in Kittitas County, Washington, involving about 8 acres of clearing, 7,300 cubic yards of excavation, 5,330 cubic yards of selected roadway borrow, 2,810 cubic yards of crushed stone surfacing, 348 linear feet of pipe culverts, and other items.

**Benton and Franklin Cos.:** Constructing cable towers and anchorages at the Hanford Ferry on Secondary State Highway No. 11-A, State Project, in Benton and Franklin Counties, Washington, involving about 1,240 cubic yards of excavation, 200 cubic yards of concrete, 12,500 lbs. of steel reinforcing bars, 10,000 lbs. of structural steel, 2,400 lbs. of cast steel, 57 MFEM of treated and 10 MFEM of untreated timber and lumber, 95 linear feet of drain pipe, and other items.

Plans and specifications may be obtained from the above office upon deposit of \$2.00, also at the office of the County Engineer in the county in which the work is situated. \* 29

**CONTRACT AWARDED**  
**MARIN CO., Calif.**—P. S. Harless, Box 594, San Rafael, at \$6360.50, submitted low bid and was awarded contract by the Marin County Board of Supervisors, County Clerk's Office, Court House, San Rafael, for the construction of a portion of the county highway on the Point San Pedro Road, County Road No. 105D, from

the Golf Links to the east city limit of San Rafael.

- Work involves:
- (1) 65 tons liquid asphalt, MC-5 (plant-mixed surfacing);
  - (2) 1600 tons mmeral aggregate do
- Total bids follow:
- P. S. Harless, Box 594, San Rafael —(1) \$14,50, (2) \$3.38; total, \$6360.50
- F. J. Main, Fairfax—(1) \$17.95, (2) \$3.30; total, \$6448.75.
- Union Paving Co., San Francisco—(1) \$18.00, (2) \$3.35, (3) \$6530
- Chas. L. Harney, San Francisco—(1) \$17.00, (2) \$3.60; total, \$6865.
- Pacific States Constr. Co., San Francisco—(1) \$20.00, (2) \$4.20; total, \$8020

**BIDS WANTED**  
**MARICOPA CO., Arizona.**—Until September 17th, 10 a.m., bids will be received by T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for grading and constructing concrete curb and gutters along Center Street in the town of Wickenburg, Phoenix-Prescott Highway F.A. 84-C (1938), AFE 8984.

- Work involves:
- (1) 1470 cu. roadway excav.;
  - (2) 1100 cu. yd. select material;
  - (3) Sprinkling and rolling;
  - (4) 1670 lf. combined curb and gutter;
  - (5) Single curb and valley gutter;
  - (6) 620 lf. 30-in. reinf. conc. pipe;
  - (7) 630 tons cutback mix;
  - (8) manholes;
  - (9) catch basins;
  - (10) Monument covers;
  - (11) 25 tons cutback asphalt, MC-4;
  - (12) 12 tons emulsified asphalt;
  - (13) screenings;
  - (14) salvaging and stockpiling oil cake.
- Plans and specifications may be obtained at the office of the Arizona State Highway Department, 17th Avenue and Jackson Street, Phoenix, Arizona.

**BIDS WANTED**  
**LOS ANGELES CO., Calif.**—Until September 20, 2 p.m., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, District VII, Room 808, State Building, Los Angeles, for applying seal coat to 14.6 miles existing shoulders, between Summit and Palmdale, Los Angeles County.

- Work involves:
- (1) 95 tons liquid asphalt, ROMC-5, in place;
  - (2) 1,700 tons screenings in place.
- Plans and specifications may be obtained from the above office. \*

**BIDS WANTED**  
**NAVAJO A.O. Calif.**—Until Sept. 22, 10 a.m., bids will be received by Arizona State Highway Commission, Phoenix, Ariz., for highway improvement on the Showlow-Concho Highway, FAS 104-B (1928). The work, which consists of grading and draining about 2.4 miles of roadway, is located from 2 1/2 to 5 miles southwest of Concho and is to be completed on or before Dec. 31, 1937.

- Work involves:
- (1) 2800 cu. roadway excav.;
  - (2) 350 cu. yd. drainage excav.;
  - (3) 250 cu. yd. strc. excav.;
  - (4) 37,200 cu. imported borrow (C.P.);
  - (5) 4500 cu. stripping pits;
  - (6) 320 hrs. rolling;
  - (7) 56 cu. yd. class A cone;
  - (8) 3500 lbs. steel reinforcement steel;
  - (9) 490 lf. CMP 4 sizes;
  - (10) 7700 lf. line fence.
- Plans and specifications may be seen at the office of the state highway engineer, T. S. O'Connell. \*

**BIDS OPENED**

LOS ANGELES, Cal.—Nordloh and Miller, 1540 Micheltorena St., at \$6,450 submitted low bid to Los Angeles Board of Education for ground improvements at the Buchanan Street school. Total bids follow: Nordloh & Miller, \$6450; Vido Kovacevich, \$7,350; B. G. Karns, \$8633; Oberg Bros., \$8863; Edw. Green, \$9833; C. G. Willis & Son, Inc., \$10,866.75; Arthur Pinner Jr., \$11,135.

**NOTICE**

COCHISE CO., Ariz.—State Highway Engineer, T. S. O'Connell, Phoenix, Arizona, is planning to call for bids about the middle of November, for the grading, draining and surfacing of about 15 miles of roadway, including the placing of an asphaltic surface treatment on the Willcox-Bowie Junction Highway, F.A. Project 130-A, Arizona.

The department wishes to eliminate the open pits all along the line which are dangerous to stock. Pits will be filled in September 15 and will not be reopened.

The Department will have a representative stationed on the jobs between September 7th and September 14th, for the purpose of conducting interested contractors over the work.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—L. A. Rock & Gravel Corp., 1735 N. Main St., at \$8900 was awarded contract by Los Angeles Board of Education for the ground improvement work at Commonwealth Avenue school.

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Calif.—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento on September 22nd and in Los Angeles on September 23, 1937.

Following is a list of blue prints and prices:

H-Plu-21-C — Appchs. to Spanish Creek Bridge near Quincy. Bids to be opened in Sacramento: PLANS (No. of Sheets), 7, cost, \$9.70; CROSS-SECTIONS (No. of Sheets), 12, cost, \$1.20; total, \$1.90.

H-Las-29-B—Bet. Coppervale and Susan River. Bids to be opened in Sacramento: PLANS (No. of Sheets), 12, cost, \$1.20; CROSS-SECTIONS (No. of Sheets), 85, cost, \$8.50; total, \$9.70.

H-Sac-11-Sac — On Folsom Blvd. in the City of Sacramento, bet. 64th and 65th Sts. Bids to be opened in Sacramento: PLANS (No. of Sheets), 12, cost, \$1.20; CROSS-SECTIONS (No. of Sheets), 1, total, \$1.20.

H-But-21-A—Bridge across Feather River. Bids to be opened in Sacramento: PLANS (No. of Sheets), 6, cost, \$9.90; CROSS-SECTIONS (No. of Sheets), 4, cost, \$0.40; total, \$1.30.

HV-Mm-152-C-A—Bridge across Richardson Bay and the tracks of the N.W.P.R. and one across tracks of the N.W.P.R. near Alto. Bids to be opened in Sacramento: PLANS (No. of Sheets), 3, cost, \$0.50; CROSS-SECTIONS (No. of Sheets), none; total, \$0.50.

HV-LA-60-A—Bet. Trancas Beach and Walnut Canyon. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 10, cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 49; cost, \$1.90, total, \$5.90.

Requests for the above plans, specifications and proposal forms must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

**BIDS WANTED**

TACOMA, Wash.—Until Sept. 13, 2 p.m., bids will be received by the City of Tacoma for paving with concrete Taylor Way from Lincoln Ave. to Marine View Drive. Specifications call for 14-day mix and alternate on high early strength concrete.

**Work involves:**

- (1) 3700 ft. of pavement 20 ft. wide, 9-in., 6½-in., 9-in. thick;
- (2) 4250 cu. yd. of selected borrow for fill of 0 ft. to 2 ft. deep;
- (3) 8210 sq. yd. pavement.

Plans and specifications may be obtained from the office of the City Engineer, C. D. Forsbeck.

**LOW BIDDER**

SAN BENITO, MONTEREY, SAN LUIS OBISPO, AND SANTA BARBARA COS., Calif.—S. A. Cummings, 4170 Falcon St., San Diego, at \$3,662.75, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying traffic stripe to 705 miles existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties. Complete bids will be published shortly.

**BIDS WANTED**

SAN FRANCISCO.—Until Sept. 22, 2:30 P. M., bids will be received by the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19,967, for resurfacing Ninth Avenue, between Kirkham and Ortega Sts. Estimated cost, \$3843.

**Work involves:**

- (1) 52,500 sq. ft. remove by heating the existing asphaltic wearing surface to a depth of one inch, and replace with asphaltic concrete one inch in thickness.
- (2) 135 tons asphalt concrete binder, in place.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10.

**CONTRACT AWARDED**

SAN FRANCISCO.—The Fay Improvement Co., 760 Market St., at \$7,950.85, was awarded contract by the San Francisco Dept. of Public Wks., Room 251, City Hall, for the improvement of Grand St., between the northerly line of Ward Street and the northerly line of Mansell Street, and other locations in the vicinity.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Sept. 22, 10 a.m., bids will be received by Los Angeles Board of Public Works for improvement of alley south of 12th St. west of Stanford Ave. and east of San Pedro St.; 1911 Act.

**Work involves:**

- (1) Lump sum, grading (481 cu. yds. cut);
- (2) 16,653 sq. ft. concr. pav., 6 inches thick;
- (3) 40 sq. ft. asph. concr. wear. surf.;
- (4) 110 sq. ft. unplan. light curb;
- (5) 113 sq. ft. sidewalk, 3 in. thick.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Sept. 15, 10 a.m., bids will be received by Los Angeles Board of Public Works for grading, paving and constructing storm drain and other improvements in streets in the 68th St. and R/W west of Broadway Improvement District, a Cash Contract.

**Work involves:**

- (1) Storm drain complete (684 ft. 18-in. pipe, 306 ft. 15-in. pipe, 255 ft. 12-in. pipe, 12 ft. 6-in. pipe, 2 EZ manholes);
- (2) 16,000 sq. ft. rock and oil roadway, 3 inches thick;
- (3) 2426 sq. ft. Class A resurf.;
- (4) 173 sq. ft. Class C resurf.;

(5) 300 cu. yd. grading (lump sum). \*  
**BIDS WANTED**

SAN FRANCISCO.—Until Sept. 10, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. 19,073, for the construction of Alemany Blvd., Section "C" from Naglee to Lawrence Ave.

**Work involves:**

- (1) 1200 cu. y. excavation;
  - (2) 62,000 sq. ft. asphalt-conc. pavement (1½-x1½-x8-in.);
  - (3) 1210 l.f. concrete curb (armored);
  - (4) 10,600 sq. ft. concrete sidewalk (two-course);
  - (5) 310 l.f. redwood curb (3-x16-inch) painted;
  - (6) Redwood header (2-x12-inch).
- Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 251, City Hall, upon deposit of \$10.00.

**BIDS WANTED**

SAN FRANCISCO.—Until Sept. 22, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the improvement of 35th Ave. between Quintara and Rivera Streets; Quintara Street between 35th Avenue and 36th Ave. where not already improved. Estimated cost, \$1770.

**Work involves:**

- (1) 165 l.f. 6-in. VCP side sewers, in place;
- (2) 182.5 l.f. unarmored conc. curb;
- (3) 4312.5 sq. ft. asphalt-conc. pavement.

Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 251, City Hall, upon deposit of \$10.00.

**CONTRACT AWARDED**

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, at \$1801.01, was awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of the westerly half of Funston Avenue between Taraval Street and 100 feet south; and three other portions of Funston Avenue.

**LOW BIDDERS**

MOHAVE COUNTY, Ariz.—Pearson & Dickerson Contractors, Inc., at Tilton Building, Prescott, Arizona, at \$133,614.06 submitted the low bid to the Arizona State Highway Commission, Phoenix, Ariz., for highway improvement on the Kingman-Boulder Dam Highway, F.A. 123-C (1938) A.E. 9303. The work, which begins about 1 mile NW of Kingman and extends NW about 2.9 mi., consists of grading, draining, aggregate base course and asphalt surf. treatment, and is to be completed on or before April 30, 1938.

**Work involves:**

- (1) 76,200 cu. yd. wdy. excav.;
- (2) 6000 cu. yd. slides and overbreakage;
- (3) 5600 cu. yd. drainage excav.;
- (4) 1000 cu. yd. str. excav.;
- (5) 83,500 sta. v.d.s. overhaul;
- (6) 500 cu. yd. haul;
- (7) 23,800 cu. yd. imported borrow;
- (8) 28,100 cu. yd. imported borrow haul;
- (9) 8000 tons aggregate base course (C1P);
- (10) 100 M. gals. sprinkling;
- (11) 900 hours rolling;
- (12) 570 cu. yd. Class A concrete;
- (13) 67,800 lbs. reinf. steel;
- (14) 1846 l.f. CMP (six sizes);
- (15) 97,000 l.f. bit. fence;
- (16) 4675 ft. road guards;
- (17) 38,760 gals. road oil, SC-2;
- (18) 500 tons blotter mat.

W. E. Orr, at \$133,678.45 submitted second low bid. \*

**LOW BIDDERS**

**COCONINO COUNTY Cal.**—Tiffany Const. Co., 535 N 7th St., San Jose, at \$33,083.90 submitted low bid to the Arizona State Highway Commission on the Flagstaff-Fredonia Highway, FL-4-A (1938) AFE 8976, FL 4-B (1938) AFE 8978; Non-FA 95-D (1938) AFE 8977; and Non-FA 95-E (1938) AFE 8981. The work, which begins at the west end of the Navajo Bridge near Lee's Ferry, and extends about 28 miles toward Fredonia, consists of furnishing and applying asphaltic surface treatment, and is to be completed on or before Nov. 30, 1937.

**Work involves:**

- (1) 740 M. gals. sprinkling;
  - (2) 450 hours rolling;
  - (3) 277,000 gals. road oil, SC-2;
  - (4) 670 c.y. blotter material.
- Southern California Roads Co., Los Angeles, at \$33,460.55 submitted second low bid.

**BIDS WANTED**

**OAKLAND, Calif.**—Until Sept. 13, 4:30 P. M., bids will be received by the Oakland Port Commission for grading and paving Maritime Street, Outer Harbor.

**Work involves:**

- (1) 3000 c.y. removal of surfacing;
- (2) 1000 tons riprap;
- (3) 18,000 c.y. fill, in place;
- (4) 4,000 tons imported material, in place;
- (5) 6,300 tons crusher run rock, in place;
- (6) Furnishing and placing four corrugated iron cross drains and inlet catchbasins.

Plans and specifications may be obtained from the above office.

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**OAKLAND, Calif.**—Until September 7, 4:30 p.m., bids will be received by the Oakland Port Commission, for furnishing and placing concrete pipe and appurtenances across the Key Route Mole, Outer Harbor.

Plans and specifications may be obtained from the above office. \* 31

**BIDS WANTED**

**GLENDALE, Los Angeles Co., Cal.**—Until Sept. 18, 10 a.m., bids will be received by the Glendale city council for furnishing Hume centrifugally cast reinf. concr. pipe for job at West Chevy Chase, 1290 level reservoir site, as follows:

- (1) North Storm Drain from Sta. 1 plus 00 to Sta. 4 plus 80;
- (2) South Storm Drain from Sta. 1 plus 00 to Sta. 4 plus 05;
- (3) Outlet from Sta. 2 plus 07.5 to Sta. 4 plus 57.07;
- (4) Outlet from Sta. 1 plus 06.27 to Sta. 1 plus 88.5;
- (5) Spillway from Sta. 2 plus 90.1 to Sta. 4 plus .05;
- (6) Reservoir drain from Sta. 1 plus 06.25 to Sta. 4 plus 65.

**NOTE:** Items 1 to 4 shall be 30-in. Hume pipe reinf. with 4½-in. wall reinforcing with two circular cages with an area of 0.20 sq. in. per ft. for each cage. Item 5 shall be 30-in. with 4½-in. wall reinforced with one ellip. cage with an area of 0.20 sq. in. per ft. Item 6 shall be 12-in. Hume pipe with 3-in. wall reinforced with two circular cages with an area of 0.20 sq. in. per ft. for each cage.

Plans and specifications may be obtained from P. Diederich, Plant Superintendent. Certified check for 10%. G. E. Chapman, City Clerk.

**LOW BIDDER**

**PALO ALTO, Calif.**—Tony Garcia, 2557 El Camino Real, Redwood City, at \$4,295, submitted low bid to the

Veterans' Administration Construction Service, Room 764, Arlington Bldg., Washington, D. C., under Project No. 1357, for drilling, developing and testing deep well at the Veterans' Administration Facility, Palo Alto, California.

Complete bids will be published shortly.

**BIDS OPENED**

**OAKLAND, Calif.**—Lee J. Immel, 1031 Evelyn Street, Berkeley, at the Oakland Port Commission, for furnishing and placing concrete pipe and appurtenances across the Key Route Mole, Outer Harbor.

**Total bids follow:**

- Lee J. Immel, 1031 Evelyn Street, Berkeley—\$3,887.  
 M. J. Lynch, San Francisco—\$4,412.50.  
 Underground Construction Co., Berkeley—\$4,784.  
 Ben C. Gerwick, Inc., San Francisco—\$5,117.  
 Healy-Thibbitts Constr. Co., San Francisco—\$5,580.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**CORRECTION—BIDS WANTED**

**DALLES CITY, Ore.**—Until Sept. 17, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-34-64, for revising the sewer system and constructing pump houses and other concrete structures at Dalles City.

**Work involves:**

- (1) 19,000 c.y. unclass. excav.;
  - (2) 3,500 lf. 6-inch concrete or vitrified clay sewer pipe;
  - (3) 4,300 lf. 8-inch do;
  - (4) 1,750 lf. 10-inch do;
  - (5) 2,450 lf. 12-inch do;
  - (6) 1,900 lf. 15-inch do;
  - (7) 1,300 lf. 18-inch do;
  - (8) 1,100 lf. 21-inch do;
  - (9) 2,600 lf. 24-inch do;
  - (10) 1,450 lf. 27-inch do;
  - (11) 1,550 lf. 36-inch do;
  - (12) 110 lf. 8-in. cast iron sewer pipe
  - (13) 430 lf. 36-inch concrete culvert pipe;
  - (14) 400 lf. 6-in. clay drain tile;
  - (15) 3,500 lf. 8-in. clay drain tile;
  - (16) 820 lf. Class B concrete;
  - (17) 980 c.y. Class A concrete;
  - (18) 300,000 lbs. reinf. steel;
  - (19) 41 each new concrete manholes, complete;
  - (20) 17 each new concrete inlets, complete;
  - (21) 3,000 lf. piling below cutoff;
  - (22) 450 lf. piling above cutoff;
  - (23) 14,000 lbs. misc. ferrous metal;
  - (24) 1 job roofing, sheet metal, sash and doors;
  - (25) 1 job 5 sluice gates;
  - (26) 1 job electric lighting for pump houses, complete;
  - (27) 20 lf. 3-inch power conduit;
  - (28) 120 lf. 1½-in. power conduit;
  - (29) 40 lf. 1-in. power conduit;
  - (30) 150 lf. 30-in. concrete or vitrified clay sewer pipe;
  - (31) 3 automatic drainage gates.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SEATTLE, Wash.**—Until September 16, bids will be received by the City of Seattle for laying water mains in 64th SW and 29th W, Seattle, Wash.

**Work involves:**

- (1) 64th SW watermain: 6590 ft. of 8-inch and 100 ft. of 6-inch centrifugally cast iron pipe, 130 ft. of 2-inch galvanized steel pipe and fittings;
  - (2) 29th Avenue W: 612 ft. of 8-inch and 15 ft. of 6-inch centrifugally cast iron pipe and fittings.
- Plans and specifications may be

obtained from the office of the City Engineer, N. A. Carle, Seattle, Wash.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Following submitted bids to The County Sanitation Dist. No. 2, 4th floor, Times-Mirror Bldg., 110 S. Broadway, for furnishing equipment for the Joint Sewage Disposal Plant, at Harbor City, bids to be l.o.h. plant. Bidders may submit bids on any or all of the following items, and may offer two or more alternates under any one item. It is, however, proposed to purchase one gas engine with generator and exciter, one generator and exciter, one voltage regulator, one sewage pump without motor, and one sewage pump with motor.

- (1) One gas engine generator set consisting of one internal combustion multi-cylinder gas engine, using as fuel the gas from digesting sewage solids and one 3-phase, 50-cycle, 219-kva, 175-kw engine type generator and exciter mounted on the engine shaft; also for supervising the installation of said equipment.
- (2) One 3-phase, 50-cycle, 156-kva, 125-kw generator with direct connected exciter to be connected to an existing gas engine; also for supervising the installation of said generator and exciter and its connection to the gas engine.
- (3) One voltage regulator for two 219-kva, 3-phase, 50-cycle generators for unit excitation similar, or equal, to G. E. Type T-A; also for supervising the installation of said equipment.

(4) One raw sewage pump (with-out motor) of not less than 10,000 g.p.m. capacity at 8.5 ft. total dynamic head, together with suitable connection to, and mounting for, an existing 50-hp. motor; also for supervising the installation of said equipment.

(5) One raw sewage pump of not less than 10,000 g.p.m. capacity at 8.5 ft. total dynamic head, with a 30-hp., 3-phase, 50-cycle, 440-volt, 50-d-c, C. 6 or more poles, wound rotor motor with motor control and complete V-belt, or similar drive, connecting the pump and motor; also for supervising the installation of said equipment.

Pacific Enterprise Products—(1) \$12,100, (1a) \$11,900, (1b) \$8620, (1c) \$13,160, (1d) \$15,522.  
 General Electric Co.—(2) \$2725.60, (3) \$850.  
 Electric Machine & Mfg. Co.—(2) \$2602, alt \$2779, (3) \$683  
 Fairbanks-Morse Co.—(2) \$2408.56, (3) \$858.81, (4c) \$1170, (5c) \$1449  
 Worthington Pump & Mfg. Corp.—(1a) \$14,859, (1b) \$14,155, (2) \$2595, (3) \$850, (4c) \$2272.68, (5c) \$2973.68  
 Byron-Jackson Co.—(4c) \$4965.94, (5c) \$5695.49.  
 DeLaval Steam Turbine Co.—(4a) \$3510, (5a) \$6258  
 Western Electric & Mfg Co.—(2) \$2884, (3) \$810  
 Cooper-Bessemer Corp. — (1) \$13,619.54, alt \$14,139.91  
 Ideal Electric & Mfg Co.—(2) \$2,506, (3) \$890.  
 Vernon Tool Co.—(1) \$14,080, alt \$13,730  
 Smith Booth User Co.—(1) \$12,405, (2) \$2922, (3) \$882.86.

The bid of Byron-Jackson Co. includes sales tax; on all other bids sales tax is extra. \* 32

**BIDS REJECTED**  
**SAN MATEO, Calif.** The San Mateo City Council, Belmont Rhodes, City Clerk, City Hall, San Mateo, rejected all bids September 7th for the construction of sewers in 28th Avenue San Mateo

**BIDS OPENED**

**SOUTH SAN FRANCISCO, San Mateo Co., Calif.—**W. J. Tobin, 3701 Balfour Ave., Oakland, at \$14,670.28, submitted by bid to the South San Francisco City Council, for the construction of a storm sewer in Linden and Grand Avenues

- Work involves:  
 (1) 148 l.f. 12-in. reinf. conc. pipe storm sewer;  
 (2) 870 l.f. 15-in. do.;  
 (3) 854 l.f. 21-in. do.;  
 (4) 876 l.f. 24-in. do.;  
 (5) 544 l.f. 30-in. do.;  
 (6) 8½ c.y. concrete collar around 30-in. storm sewer;  
 (7) 9 manholes;  
 (8) 1 catchbasin;  
 (9) catchbasins salvaged;  
 (10) 2 special catchbasins;  
 (11) 5 pipe clothing;  
 (12) 2 salvaging catchbasin grading;  
 (13) 3350 sq. ft. reinf. concrete gutters;  
 (14) 725 sq. ft. reinforced concrete sidewalk;  
 (15) 2250 sq. ft. reinforced pavement;  
 (16) 3350 sq. ft. replacing concrete gutter;  
 (17) 725 sq. ft. replacing concrete sidewalk;  
 (18) 2250 sq. ft. replacing pavement.

Total bids follow:

(A) W. J. Tobin, 3701 Balfour Ave., Oakland—\$14,670.28.  
 (B) Robt. B. McNair, Oakland—\$15,096.00.  
 (C) M. J. Lynch, San Francisco—\$15,607.50.  
 (D) M. J. McGuire & M. Hester, Oakland—\$18,068.30.  
 (E) M. A. Chick & McMan—\$21,000.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 2.15	\$ 1.95	\$ 2.00	\$ 3.85	\$ 2.50
(2)	2.79	2.00	4.10	3.85	3.50
(3)	4.00	3.25	4.50	4.50	5.50
(4)	5.00	4.75	5.00	6.00	7.00
(5)	5.12	7.35	5.20	8.50	9.00
(6)	15.00	15.00	15.00	36.00	20.00
(7)	90.00	100.00	90.00	85.00	120.00
(8)	87.50	110.00	90.00	90.00	90.00
(9)	67.50	100.00	75.00	66.00	70.00
(10)	80.00	150.00	100.00	110.00	100.00
(11)	2.00	5.50	5.00	10.00	20.00
(12)	10.00	11.00	10.00	16.00	10.00
(13)	1.0	1.0	1.0	1.0	.75
(14)	.07	.05	.03	.06	.10
(15)	11	10	09	15	20
(16)	25	22	22	30	30
(17)	17	21	13	20	20
(18)	35	40	28	50	50

**CONTRACT AWARDED**

**WILLIAMS, Ariz.—**Phoenix-Tempe Stone Co., Phoenix, at \$22,900.34 has been awarded contract by the City of Williams for the construction of sewage disposal plant, a PWA project. This company has just completed 5 miles of sewer lines at a cost of about \$70,000, also a PWA project.

**Machinery & Material**

**CONCHAS DAM**

**CONCHAS DAM, N. M.—**Until September 23, 11 a.m., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for furnishing 250,000 bbls. portland cement to be used in the construction of the Conchas Dam, on South Canadian River, 27 miles north of Newkirk, N. M. Bids to be f.o.b. cars at contractor's shipping point in full carload lots and in good condition, to the railroad company for shipment to Newkirk, N. M., under Government bills of lading to be furnished by the contracting officer. Invitation No. W 911-38-30.

**MET. WATER DISTRICT**

**LOS ANGELES, Calif.—**Until Sept. 21, 2 p.m., bids will be received by Metropolitan Water District Purchasing Agent for sale of miscellaneous construction equipment. Bid No. 357. Material may be seen at Banning salvage yard and Berdo Camp.

**SAN FRANCISCO CITY**

**SAN FRANCISCO.—**Until Sept. 17, 2 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1896, for furnishing one traffic stripe marking machine. Specifications obtainable from above office upon deposit of \$10.

**SAN FRANCISCO CITY**

**SAN FRANCISCO.—**Until Sept. 20, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1897, for furnishing 11,000 ft. 1½-inch and 20,000 ft. 2½-inch cotton rubber-lined fire hose. Specifications obtainable from the above office.

**WAR DEPARTMENT**

**SAN FRANCISCO.—**Until September 20, 3 p.m., bids will be received by the U. S. Engineer's Office, Lieut. Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-27, for two 30-in. dia., 26-in. pitch propellers: f.o.b. San Francisco.

Specifications obtainable from the above office.

**U. S. FOREST SERVICE**

**GOVERNMENT ISLAND, Calif.—**Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Calif., for furnishing supplies and materials, as follows:

September 13, 2 P. M.  
 BID NO. 5159—100 bbls. Portland cement; f.o.b. Fresno.

September 14, 2 P. M.  
 BID NO. 5158—100 bbls. Portland cement; f.o.b. Porterville.

BID NO. 5155—Misc. lumber, including Douglas fir, redwood and pine; f.o.b. McCloud.

BID NO. 5158—Lavatory, water closet, bath tub, sink, etc.; f.o.b. McCloud.

BID NO. 5157—Portland cement; red bricks, flue lining, clay thimble, etc.; f.o.b. McCloud.

Specifications obtainable from the above office

**TREASURY DEPARTMENT**

**SAN FRANCISCO.—**Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for RENTAL of the following equipment, for use on WPA projects, as follows:

September 15, 10 A. M.  
 BID NO. 4488—One concrete mixer, not less than ½ cubic yard capacity, gasoline powered, for abt. 8 months' use in San Francisco.

BID NO. 4485—One 1½-ton flat-bed truck with stake sides; size of flat bed to be 9 feet long by 80 inches wide, for about 75 days' use in San Jose.

Specifications obtainable from the above office.

**MERCED CO.—HIGHWAY IMPROVEMENT—(State)**

**MERCED COUNTY, Calif.—**J. A. Casson, 319 Warren St., Hayward, at \$43,761.25, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.5 miles armor coat to be applied to the existing pavement and borders between Los Banos and 10.5 miles east, Merced County.

- Work involves:  
 (1) 10 c.y. remove existing concrete;  
 (2) 552 sta. reshaping shoulders;  
 (3) 2,314 tons min. aggregate, plant-mix surface;  
 (4) 116 tons liquid asphalt MC-5 or MC-extra heavy plant-mix surf.;  
 (5) 6,770 tons screenings armor coat and seal coat;  
 (6) 535 tons asphaltic emulsion armor coat and seal coat;

(7) 203 tons liquid asphalt, SC-1A or SC-2 penetration oil treatment and prime coat.

- Total bids follow:  
 (A) J. A. Casson, 319 Warren Street, Hayward, \$43,761.25.  
 (B) Granite Const. Co., Ltd., Watsonville, \$46,976.10.  
 (C) Jones & King, Hayward, \$48,496.50.  
 (D) E. A. Forde, San Anselmo, \$48,739.73.  
 (E) Plaza & Huntley, San Jose, \$48,943.05.  
 (F) Independent Const. Co., Ltd., Oakland, \$50,757.00.  
 (G) A. J. Ralsch, San Jose, \$51,506.70.  
 (H) C. C. Wood, Stockton, \$59,896.00.  
 (I) Baich Bros., Torrance, \$65,023.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$5.00	\$4.00	\$12.00	\$5.00	\$2.35	\$5.00	\$5.00	\$30.00	\$3.00
(2)	2.00	1.00	3.00	1.50	1.80	2.50	3.20	2.50	10.00
(3)	2.75	3.40	2.50	3.50	4.00	4.50	3.50	5.50	5.50
(4)	16.90	15.00	17.90	20.00	18.00	18.00	18.00	18.00	19.00
(5)	3.35	2.65	2.80	3.45	3.45	3.45	3.86	4.30	4.50
(6)	17.25	18.00	20.00	22.00	20.30	20.00	20.06	21.00	21.00
(7)	11.70	12.00	12.50	11.41	11.65	12.50	13.00	15.00	14.00

**DeWALT MACHINERY, Ltd.**

**ELECTRIC SAWS - POWER HAND SAWS - BAND SAWS  
 ATLAS LATHES - DRILL PRESSES - SANDERS  
 DAVIS & WELLS CABINET SHOP MACHINES**

**FOUR STORES: EASY TERMS**

**SAN FRANCISCO:** 1061 Folsom St. **Phone: MArket 1913**  
**OAKLAND:** 1011 Harrison Street **Phone: TE, 1273**  
**SACRAMENTO:** 710 Twelfth St. **Phone: CApital 586**  
**FRESNO:** 510 N. Fulton Street **Phone: N-2-0667**



**LOS ANGELES—PALOS VERDES FEEDER—(District)**

LOS ANGELES, Calif.—The following report is made to the Metropolitan Water District, Los Angeles, under Spec. No. 225, for the construction of the Palos Verdes feeder of the Colorado River Aqueduct.

The bids, which were referred to the engineers for tabulation, analysis and report to the Board of Directors, could not be analyzed prior to publication, due to involved stipulations which may change the apparent figures and order of the bids. Complete details are printed herewith showing recapitulation of the total bid for each schedule.

The bidders were:

- (A) United Concrete Pipe Corp., 1347 W. 208th Street, Los Angeles.
- (B) R. G. Clifford, 215 Market St., San Francisco.
- (C) Floyd Shefner, 1807 N. Main St.

- (D) D. W. Thurston, 412 W. 6th St.
- (E) American Concrete & Steel Pipe Co., 4635 Preston Blvd., South Gate.
- (F) Morrison-Knudson Co., 1121 Title Guaranty Bldg.
- (G) Winstan Bros. Co., 924 Title Guaranty Bldg.
- (H) Emsco Derrick & Equip. Co., P.O. Box 1408, Arcade Station.
- (I) Metropolitan Constr. Co., 208 W. 8th St.
- (J) Drainage Constr. Co., 3696 Cedar St., Lynwood; Elliott, Stroud & Seabrook, 529 Rives-Strong Bldg., Los Angeles.
- (K) J. F. Shea Co., 617 S. Olive St.
- (L) Lindgren & Swinerton, Williams Bros. and Haas, Inc., 605 West Olympic Blvd.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)
21-P	731,192.75	728,018.30	943,533.35	800,474.00	764,952.00
21-S	765,622.75	756,796.45	998,202.10	834,496.50	827,938.95
21-SE	757,312.25	762,325.50	980,289.05	838,993.50	845,447.00
22-P	737,690.25			683,662.25	700,487.00
22-S		686,478.40		707,350.50	735,610.00
22-SC	736,440.35	737,003.55		739,658.55	748,530.00
22-SE	739,128.00	737,500.20		734,851.50	770,536.65
23-P	938,679.75				927,768.50
23-S		874,295.50			935,320.50
23-SC		881,772.35			954,125.50
23-SE		893,160.75	920,009.66		987,033.00

	(F)	(G)	(H)	(I)	(J)	(K)	(L)
	1,085,161.75	800,994.00	847,913.00	807,015.10	765,070.00	838,827.10	
822,937.75	1,138,571.25	819,568.80	862,262.50	838,170.20	815,897.50		
917,517.25	1,120,189.00	833,708.35	881,925.00	830,962.25	798,300.00	861,122.90	
	880,915.50	758,075.00	765,362.50	721,723.55	683,910.00	771,880.50	
684,157.50	934,826.00	789,459.25	776,690.50	751,138.65	733,883.00		
674,673.75	916,708.50	773,381.15	792,481.75	744,842.85	711,632.50	787,731.80	
	1,046,641.50	887,235.15	893,001.00	893,889.45	843,484.25	1,024,998.05	
872,500.50	1,102,516.00	921,685.15	909,824.75	929,588.37	893,641.00		
887,133.50	1,103,502.25	923,214.15	944,795.25	942,711.35	888,019.50	1,063,801.05	

Bidders' stipulations follow:

- (A) United Concrete Pipe Corp.—Applying to Sch. 21-P, 22-P and 23-P: Will accept the award of any or all schedules. If awarded any two schedules, deduct from Item No. 1 3c per c y. of excav. on each schedule. If awarded three schedules, deduct from Item No. 1 8c per c y. of excav. on each schedule. Stipulations applying to Sch. 21-SC, 22-SC and 23-SC: Will accept any two or three schedules, but will not accept any one schedule alone. Applying to Sch. 21-SE, 22-SE and 23-SE: Will accept any two or three schedules but will not accept any one schedule alone.
- (B) R. G. Clifford—Bid based on provision that all three schedules—21, 22, and 23—be awarded and bidder will not accept any one or two. Steel pipe to be furnished by Western Pipe & Steel Co.
- (C) Floyd Shefner—No stipulations. Pre-cast pipe to be furnished by American Concrete & Steel Pipe Company and steel pipe by Consolidated Steel Pipe.
- (D) D. W. Thurston—Will not accept Schedule 22-P with Sch. 21-P. NOTE: Bidder failed to complete his prices on Sch. 21-P. Centrif. cast concrete pipe to be furnished by American Concrete & Steel Pipe Co., and steel pipe by Southwest Welding & Mfg. Co.
- (E) American Concrete & Steel Pipe Co.—(1) Will accept all of the three schedules as bid upon; that is, the three "S" schedules together, or the three "SC" to-

- gether, or the three "SE" together. An award of one or two steel schedules is not acceptable. (2) Will accept any one or all of the three pre-cast pipe schedules as bid upon. (3) If more than one schedule is awarded and if separate awards are made for each schedule, and separate contracts are entered into covering all such awards, deduct \$1000 per schedule. Pre-cast and steel pipe to be furnished by bidder.
- (F) Morrison-Knudson Co.—Bidder will accept award of all three schedules. If awarded two schedules only, add 50c per lin. ft. on all steel pipe in trench. Will not accept less than two schedules. Steel pipe to be furnished by Western Pipe & Steel Co.
- (G) Winstan Bros. Co.—Will accept the award on one schedule only. Steel pipe to be furnished by Consolidated Steel Corp.
- (H) Emsco Derrick & Equip. Co.—If awarded any two schedules, deduct 37½¢ from each unit of items 19, 20, 25, 26, 28 and 29, and change Item 2 on all schedules to \$1.07, and deduct ½¢ per sq. ft. from Items 32 and 33 and change Item 6 to 40c on all schedules. Pre-cast pipe to be furnished by American Concrete & Steel Pipe Co.; steel pipe by Emsco and Macco Constr. Co. and Marco-Robertson, Ltd.
- (I) Metropolitan Construction Co.—

- Will accept any or all schedules. For the award of two schedules, deduct 1½¢ from all items; for award of three schedules, deduct 2¢ from all items. Steel pipe will be furnished by bidder or others satisfactory to district.
- (J) Drainage Constr. Co., Elliott & Stroud-Seabrook—All schedules or none. Steel pipe to be furnished by Western Pipe & Steel Co.
- (K) J. F. Shea Co.—(1) For the award of any two schedules, deduct from Item 1 of both schedules considered 12½¢ per c y. (2) For the award of any three schedules, deduct from Item 1 of all schedules 13½¢ per c y. (3) For the award of any two of spun mortar schedules, deduct in addition to stipulations 1 and 2, 7c per c y. from Item 1 of spun mortar schedules. (4) For the award of all three schedules of spun mortar type, deduct, in addition to stipulations 1 and 2, the amount of 8½¢ per c y. from Item 1 of spun mortar schedules. Steel pipe to be furnished by Consolidated Steel Corp.
- (L) Lindgren & Swinerton, Inc., Williams Bros. & Haas, Inc.—No stipulations. Pipe will be furnished by Western Pipe & Steel Co.

No bids were received for Schedules 21-M, 22-M and 23-M, for centrifugally impelled machine-trowelled mortar lining of the steel pipe under 21-S, 22-S and 23-S, the lining to be placed subsequent to the laying of the pipe, under the steel pipe schedules.

Plans for the line were prepared by the district engineer under the direction of the General Manager and Chief Engineer, F. E. Weymouth. The line is 17.4 miles in length and is located in the cities of Los Angeles, South Pasadena, and Vernon and in unincorporated territory of the county.

Work involves:

- SCH. 21-P
- Pre-cast concrete pipe for the Palos Verdes Feeder of the Colorado River Aqueduct distribution system between Stations O plus 1025 and 297 plus 59. Inside diam. of pipe 54 in.; length, 28,930 ft.
  - (1) 148,000 c y. trench excav.
  - (2) 1400 c y. excav. for struc.
  - (3) 4300 c y. excav. in tunnel and adit.
  - (4) 40 tons furnish and erect steel support in tunnel and adit.
  - (5) 65 MFEM furnish and place permanent timbers in tunnel and adit.
  - (6) 114,000 c y. backfill.
  - (7) 500 c y. rock refill.
  - (8) 900 c y. concr. in struc.
  - (9) 1600 c y. concr. in anchors, manhole bases, and supports across trench.
  - (10) 8000 c y. concr. in cradle.
  - (11) 2330 c y. concr. in tunnel and adit.
  - (12) 25,730 ft 54-in. lock-joint pre-cast concr. pipe.
  - (13) Does not apply here.
  - (14) 1980 ft 42-in. centrif. cast concr. wasteway pipe.
  - (15a) 3500 ft 14-ga steel cylinder reinf. in 54-in. coner pipe (furn and place).
  - (15b) 1800 ft 12-ga steel cylinder reinf. in 54-in. coner pipe (furn and place).
  - (15c) 3215 ft 12-ga steel cylinder reinf. in 54-in. coner pipe (furn and place).
  - (15d) 3835 ft 11-ga steel cylinder reinf. in 54-in. coner pipe (furn and place).



- (5) 200 c.y. mix and place grout;
- (6) 160 ft. install 8-in. concr. pipe;
- (7) 600 ft. install 12-in. concr. pipe;
- (8) 5 connections, remodeling hse concr sewers;
- (9) 200 ton-miles hauling steel;
- (10) 1000 ton-miles hauling cement.

SC# 21-C

Gunitite-coated welded steel pipe with spun mortar lining and gunitized joints for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between Stations 0 plus 10.25 and 297 plus 59; inside diam. of steel pipe, 55 in.; length, 28,930 ft.

- (1) 124,000 c.y. trench excav.;
- (2) 900 c.y. excav. for struc.;
- (3) 4000 c.y. excav. in tunnel and adit.;
- (4) 40 tons furn and erect steel support in tunnel and adit.;
- (5) 65 MFBM furn and place permanent timbers in tunnel and adit.;
- (6) 105,000 c.y. backfill;
- (7) 500 c.y. rock refill;
- (8) 700 c.y. concr in struc.;
- (9) 550 c.y. concr in anchors, man-hole bases and supports across trench;

- (10) 320 c.y. concr in cradle;
- (11) 2210 c.y. concr in tunnel and adit.;
- (12) and (13) Do not apply here;
- (14) 1880 ft. 42-in centrif cast concr wasteway pipe;
- (15) and (16) Do not apply here;
- (17) 110,000 lbs. furn and place reinf steel in precast concr pipe;
- (18) 110,000 lbs. plate reinf steel in struc.;
- (19) to (24) Do not apply here;
- (25) furnish and install 55-in spun-mortar lined steel pipe of the following thicknesses:
- (25a) 20,565 ft 3/4-in.;
- (25b) 4025 ft 13/32-in.;
- (25c) 775 ft 7/16-in.;
- (25d) 1055 ft 15/32-in.;
- (26) Does not apply here;
- (27) 2480 ft. furn and install in tunnel 55-in spun-mortar lined steel pipe with plate thickness of 3/4-in.;

- (28) to (30) Do not apply here;
- (31) 130 ft. incaseement under R R tracks;
- (32) 263,000 sq. ft. pipe coating, type A;
- (33) 119,000 sq. ft. pipe coating, type B;
- (34) Does not apply here;
- (35) 11,000 lbs. furn and install steel manhole thimbles and covers;
- (36) 12,000 lbs. furn and install steel thimbles for connections to flanged fittings;
- (37) 20,000 lbs. furn and install steel manifolds, reducing sections, nipples and tee branch;
- (38) 225 ft. furn and install 20-in. steel pipe in Ascot Reservoir adit.;
- (39) one point, furn and install electrolysis test points, type 1;
- (40) one point, furn and install electrolysis test points, type 2;
- (41) 40,000 lbs. install shut-off, regulating and relief valves;
- (42) 105,000 lbs. install misc. metal;
- (43) 500 ft. drill grout holes;
- (44) 150 connections for grouting;
- (45) 200 c.y. mix and place grout;
- (46) 160 ft. install 8-in. concr pipe;
- (47) 600 ft. install 12-in. concr pipe;
- (48) 5 connections, remodeling hse concr sewers;
- (49) 200 ton-miles hauling steel;
- (50) 1000 ton-miles hauling cement.

SC# 21-SC

Gunitite-coated welded steel pipe with coal-tar enamel lining for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between stations 0 plus 10.25 and 297 plus 59; inside diam. of steel pipe, 57 in.; length, 28,930 ft.

- (1) 129,000 c.y. trench excav.;
- (2) 900 c.y. excav. for struc.;
- (3) 4,300 c.y. excav. in tunnel and

Units on Schedule 21-SC

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$.81	\$1.15	\$1.25	\$1.10	\$1.05	\$1.12	\$2.29	\$1.005	\$1.75	\$1.24	\$1.12	
(2)	1.10	2.00	2.50	1.25	2.50	1.50	2.80	2.40	2.00	2.00	1.75	
(3)	8.11	15.00	15.00	12.00	14.00	15.00	18.25	4.80	10.00	12.80	10.00	
(4)	110.00	150.00	150.00	150.00	150.00	230.00	185.00	142.50	150.00	140.00	140.00	
(5)	65.00	60.00	75.00	100.00	75.00	100.00	87.70	78.00	80.00	75.00	35.00	
(6)	.34	.14	.40	.21	.42	.26	.55	.48	.25	.40	.23	
(7)	3.00	3.60	4.00	2.15	3.70	2.75	4.27	4.80	3.50	4.00	4.00	
(8)	20.85	25.00	25.00	26.00	19.00	20.00	22.70	18.00	25.00	25.00	20.00	
(9)	11.00	21.00	10.00	7.55	14.00	14.00	32.65	9.80	10.00	15.00	18.00	
(10)	7.90	7.90	8.00	8.50	7.50	8.00	15.75	8.00	10.00	8.00	7.00	
(11)	8.00	11.00	15.00	10.00	10.00	16.00	16.90	10.90	14.00	11.00	15.00	
(12)&(13)												
(14)	5.00	6.10	7.25	4.90	5.45	11.00	6.15	6.00	6.50	8.00	8.00	
(15)&(16)												
(17)	.06	.06	.07	.06	.058	.06	.087	.035	.06	.07	.05	
(18)	.02	.02	.02	.009	.02	.02	.023	.025	.02	.025	.019	
(19) to (21)												
(22)	15.53	12.88	18.73	18.70	15.80	13.75	17.20	16.37	11.80	14.43	15.20	
(25a)	16.83	13.65	20.90	17.55	16.80	15.40	18.00	17.47	15.60	15.24	18.20	
(25c)	17.23	14.30	22.90	19.05	18.83	16.00	20.65	18.03	17.00	15.85	18.00	
(25d)	17.88	15.00	24.04	20.10	17.72	17.00	22.00	18.70	17.00	17.72	18.50	
(26)												
(27)	11.47	10.50	17.54	12.90	13.80	13.00	15.05	9.42	11.50	13.40	14.00	
(28) to (30)												
(31)	28.00	60.00	40.00	70.00	38.00	40.00	31.75	60.00	35.00	40.00	80.00	
(32)	.07	.068	.10	.07	.08	.075	.087	.075	.06	.072	.09	
(33a)	125	104	15	115	15	14	128	.08	10	12	13	
(33b)												
(34)	.20	.25	.208	.16	.15	.25	.23	.245	.16	.24	.17	
(35)	.20	.50	.17	.21	.20	.50	.21	.245	.20	.54	.16	
(37)	.22	.23	.29	.17	.20	.25	.32	.245	.15	.27	.25	
(38)	8.00	7.60	8.85	12.90	10.00	10.00	10.05	7.15	9.00	8.40	8.00	
(39)	300.00	150.00	175.00	115.00	120.00	150.00	84.00	300.00	100.00	150.00	120.00	
(40)	300.00	150.00	150.00	115.00	110.00	125.00	185.00	300.00	100.00	150.00	100.00	
(41)	.05	.05	.05	.045	.04	.07	.061	.06	.03	.05	.06	
(42)	.06	.05	.08	.06	.04	.07	.082	.05	.03	.07	.03	
(43)	2.00	1.50	1.00	2.30	1.00	1.00	3.00	.50	1.50	1.20	3.00	
(44)	3.00	3.00	2.50	3.50	2.00	5.00	3.00	2.00	5.00	2.00	5.00	
(45)	20.00	10.00	25.00	25.00	20.00	20.00	33.40	25.00	20.00	32.00	15.00	
(46)	.90	.40	.50	.50	.75	.60	.57	.50	1.00	2.00	2.00	
(47)	.90	.90	.35	.35	1.00	1.00	1.12	.75	1.00	2.50	.80	
(48)	50.00	40.00	150.00	12.00	60.00	80.00	73.75	18.00	30.00	50.00	20.00	
(49)	1.50	.20	.20	.14	.50	.30	.77	.20	1.00	.50	.50	
(50)	.40	.20	.20	.14	.10	.20	.39	.15	.25	.29	.40	

Units on Schedule 22-SE

	(A)	(B)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$.88	\$1.85	\$1.15	\$1.20	\$1.15	2.12	\$1.32	\$2.00	\$1.38	\$1.38	\$1.84
(2)	1.50	2.00	1.15	2.00	1.50	2.50	2.40	2.00	2.00	1.78	1.85
(3) to (5)											
(6)	.38	.20	.21	.42	.28	.47	.65	.25	.43	.28	.24
(7)	3.50	3.40	2.20	3.70	2.75	2.40	4.80	3.50	4.00	4.00	3.60
(8)	21.00	26.00	26.00	18.00	20.00	34.00	18.00	25.00	25.00	20.00	18.25
(9)	12.00	21.00	7.50	14.00	14.00	30.00	9.60	10.00	15.00	14.00	17.40
(10)	8.00	18.00	5.80	6.85	8.00	10.00	4.00	10.00	8.00	8.00	21.00
(11) to (13)											
(14)	7.00	6.10	4.90	4.85	11.00	6.10	6.00	6.50	6.00	6.00	7.54
(15) to (18)											
(19)	.05	.04	.04	.058	.08	.07	.035	.04	.07	.05	.007
(20)	.02	.02	.009	.03	.02	.025	.025	.02	.025	.012	.018
(21) to (24)											
(25a)	16.00	12.00	15.55	15.80	12.78	13.70	16.04	14.20	13.54	18.28	14.20
(25b)	18.00	12.00	16.40	16.82	13.25	17.25	16.85	14.85	14.31	14.00	12.87
(25c)	18.50	13.34	17.20	17.38	14.00	18.40	17.20	15.75	14.87	18.00	13.82
(25d)	19.50	14.08	18.60	19.32	14.75	18.30	17.85	17.00	15.16	18.00	14.24
(30)											
(31)	25.00	60.00	68.00	41.00	40.00	32.00	60.00	35.00	40.00	65.00	87.00
(32)	.17	.088	.07	.06	.075	.085	.075	.06	.072	.09	.089
(33)	.14	.108	.115	.15	.14	.145	.09	.10	.12	.13	.118
(34)											
(35)	.20	.50	.21	.20	.50	.17	.245	.18	.24	.17	.27
(36)	.20	.50	.21	.20	.50	.14	.245	.20	.34	.14	.21
(37)	.22	.24	.17	.20	.25	.29	.245	.15	.27	.25	.28
(38)											
(39)	300.00	150.00	115.00	120.00	150.00	110.00	300.00	100.00	150.00	120.00	20.00
(40)	360.00	150.00	115.00	115.00	125.00	105.00	300.00	100.00	150.00	100.00	28.80
(41)	.05	.05	.045	.04	.03	.035	.06	.03	.05	.06	.08
(42)	.04	.05	.06	.04	.07	.055	.05	.03	.07	.03	.036
(43) to (45)											
(46)	.80	.40	.30	.75	.60	.80	.50	1.00	2.00	.80	1.04
(47)	.80	.60	.35	1.00	1.00	1.35	.75	1.00	2.00	.60	1.14
(48)	35.00	40.00	12.00	60.00	80.00	50.00	18.00	30.00	50.00	20.00	200.00
(49)	1.80	.20	.14	.80	.30	.50	.20	1.00	.50	.80	.75
(50)	.20	.20	.14	.10	.30	.25	.15	1.00	.30	.80	1.00

- (4) 40 tons furnish and erect steel support in tunnel and addit;
- (5) 65 MPBM furnish and place permanent timbers in tunnel and addit;
- (6) 108,000 c.y. backfill;
- (7) 500 c.y. rock refill;
- (8) 700 c.y. concr in struc;
- (9) 550 c.y. concr in anchors, man-hole bases and supports across trench;
- (10) 320 c.y. concr in cradle;
- (11) 2,330 c.y. concr in tunnel and addit;
- (12) and (13) do not apply here;
- (14) 1,980 ft. 42-in centrif cast concr wasteway pipe;
- (15) and (16) Do not apply here;
- (17) 110,000 lbs. furn and place reinf steel in precast concr pipe;
- (18) 110,000 lbs. placing reinf steel in struc;
- (19) to (27) Do not apply here;
- (28) furnishing and installing 57-in enamel-lined steel pipe of the following plate thicknesses;
- (28a) 19,505 ft. 3/4-in.;
- (28b) 3,115 ft. 13/32-in.;
- (28c) 2,490 ft. 7/16-in.;
- (28d) 960 ft. 15/32-in.;
- (28e) 390 ft. 1/2-in.;
- (29) Does not apply here;
- (30) 2,480 ft. furnish and install in tunnel 57-in enamel-lined steel pipe with plate thickness of 3/4-in.;
- (31) 130 ft. incasement under railway tracks;
- (32) 273,000 sq. ft. pipe coating, type A;
- (33) 123,000 sq. ft. pipe coating, type B;
- (34) Does not apply here;
- (35) 41,000 lbs. furnish and install steel manhole thimbles and covers;
- (36) 12,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- Units on Schedule 21-SE
- (37) 20,000 lbs. furnish and install steel manifolds, reducing sec-

- (38) 225 ft furnish and install 30-in. steel pipe in Ascot reservoir addit;
- (39) one point, furnish and install electrolysis test points, type 1;
- (40) one point, furnish and install electrolysis test points, type 2;
- (41) 40,000 lbs. install shut-off, regulating, and relief valves;
- (42) 105,500 lbs. install misc. metal;
- (43) 500 ft. drill grout holes;
- (44) 150 connections for grouting;
- (45) 200 c.y. mix and place grout;
- (46) 100 ft. install 8-in. concr. pipe;
- (47) 600 ft. install 12-in. concr. pipe;
- (48) 5 connections, remodel house connection sewers;
- (49) 200 ton-miles hauling stel;
- (50) 1200 ton-miles hauling cement.

SCH. 21-M

Centrifugally impelled machinestrovled mortar lining in steel pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between stations 0 plus 1025 and 297 plus 59; inside diam. of steel pipe, 55 in.

- (1) to (49) Do not apply here;
- (50) 500 ton-miles hauling cement;
- (51) 28,920 ft. mortar lining of 55-in. steel pipe.

SCH. 22-P

Precast concrete pipe for the Palos Verdes feeder of the Colorado River Aqueduct distributor system betw Stations 297 plus 67 and 590 plus 30. Inside diam. of pipe, 50 in.; length, 28,310 ft.

- (1) 145,000 c.y. trench excavat;
- (2) 1000 c.y. excav. for struc;
- (3) to (5) Do not apply here;
- (6) 113,000 c.y. backfill;
- (7) 500 c.y. rock refill;
- (8) 600 c.y. concr. in struc;
- (9) 4800 c.y. concr. in anchors, man-hole bases, and supports across trench;
- (10) 6400 c.y. concr. in cradle;
- (11) and (12) Do not apply here;
- (13) 24,740 ft. 50-in. lock-joint precast concr. pipe;
- (14) 350 ft. 42-in. centrif. cast concr.

- wasteway pipe;
- (15) Does not apply here;
- (16) Furnishing and placing steel cylinder reinf. in 60-in. concr pipe;
- (16a) 1270 ft. 14-go.;
- (16b) 490 ft. 13-ga.;
- (16c) 805 ft. 12-ga.;
- (16d) 490 ft. 11-ga.;
- (16e) 1025 ft. 10-ga.;
- (16f) 5505 ft. 9-ga.;
- (16g) 5630 ft. 8-ga.;
- (16h) 7615 ft. 3/16-in.;
- (16i) 900 ft. 13/64-in.;
- (16j) and (16k) Do not apply here;
- (16l) 390 ft. 1/2-in.;
- (16m) 1125 ft. 9/32-in.;
- (16n) 615 ft. 5/16-in.;
- (16o) 10 ft. 17/32-in.;
- (16p) 15 ft. 3/4-in.;
- (17) 1,900,000 lbs. furnish and place reinf. steel in precast concr pipe;
- (18) 260,000 lbs. placing reinf. steel in struc;
- (19) to (21) Do not apply here;
- (22) furnishing and installing 53-h O D unlined steel pipe of the following plate thicknesses:
- (22a) 510 ft. 3/4-in.;
- (22b) 50 ft. 13/32-in.;
- (22c) 265 ft. 7/16-in.;
- (22d) 240 ft. 15/32-in.;
- (23) to (30) Do not apply here;
- (31) 380 ft. incasement under railway tracks;
- (32) Does not apply here;
- (33) 9,700 sq. ft. pipe coating, type B;
- (34) 47,000 sq. ft. gunite lining steel cylinders;
- (35) 47,000 lbs. furnish and install steel manhole thimbles and covers;
- (36) 14,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 15,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;
- (38) Does not apply here;
- (39) 3 points furnish and install electrolysis test points, type 1 etc.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$.81	\$ 1.15	\$ 1.25	\$ 1.10	\$ 1.05	\$ 1.10	\$ 2.23	\$ 1.03	\$ 1.75	\$ 1.18	\$ 1.13	\$ 1.52
(2)	1.10	2.00	2.50	1.25	2.50	1.50	2.80	2.40	2.00	2.00	1.75	1.25
(3)	8.10	15.00	15.00	12.00	14.00	15.00	18.50	4.80	10.00	12.00	10.00	11.00
(4)	140.00	150.00	150.00	150.00	150.00	230.00	185.65	142.50	150.00	140.00	140.00	152.00
(5)	65.00	60.00	75.00	40.00	75.00	100.00	87.70	78.00	80.00	75.00	85.00	78.00
(6)	27	14	40	21	42	26	54	49	25	40	25	27
(7)	3.00	3.60	4.00	2.15	3.70	2.75	2.27	4.80	3.50	4.00	4.00	3.60
(8)	21.00	26.00	25.00	26.00	19.00	20.00	43.70	18.00	25.00	25.00	20.00	23.00
(9)	12.00	21.00	10.00	7.55	14.00	14.00	32.65	9.60	10.00	15.00	16.00	17.40
(10)	8.00	18.00	8.00	5.75	7.00	8.00	15.75	6.00	10.00	8.00	7.00	21.00
(11)	8.00	11.00	15.00	10.00	10.00	16.00	16.90	10.80	14.00	11.00	13.00	12.60
(12) & (13)												
(14)	5.00	6.10	7.25	4.90	5.45	11.00	6.15	6.00	6.50	6.00	9.00	7.60
(15) & (16)												
(17)	.06	.06	.07	.06	.08	.06	.067	.035	.06	.07	.05	.067
(18)	.02	.02	.02	.009	.02	.02	.023	.025	.02	.025	.012	.016
(19) to (27)												
(28a)	15.00	12.52	17.50	16.35	15.60	13.25	16.15	16.68	14.80	13.91	14.00	14.55
(28b)	15.95	13.30	19.48	17.05	16.40	14.00	17.65	17.35	15.80	14.81	15.00	14.89
(28c)	16.80	14.00	20.93	18.55	17.20	14.70	19.09	18.01	17.06	15.68	17.00	16.80
(28d)	17.60	14.73	22.35	19.40	18.00	15.50	20.25	18.62	17.75	16.38	18.00	14.80
(28e)	18.20	15.42	24.00	20.85	19.00	16.30	22.05	19.33	19.20	17.07	18.00	18.29
(29)												
(30)	12.97	10.23	15.48	12.50	13.80	12.50	13.15	10.09	11.50	13.10	13.00	10.07
(31)	29.00	60.00	40.00	70.00	38.00	40.00	31.75	60.00	35.00	40.00	80.00	36.00
(32)	.08	.06	.10	.07	.08	.075	.087	.075	.06	.072	.09	.069
(33)	.14	.08	.16	.115	.15	.14	.128	.09	.10	.12	.13	.118
(34)												
(35)	.20	.24	.298	.15	.15	.25	.23	.245	.18	.24	.17	.22
(36)	.20	.50	.17	.21	.20	.50	.21	.245	.20	.54	.18	.51
(37)	.22	.23	.28	.17	.20	.25	.30	.245	.15	.27	.25	.20
(38)	8.50	7.00	8.85	9.20	10.00	10.00	10.05	7.15	9.00	8.40	9.00	8.00
(39)	304.00	150.00	175.00	115.00	120.00	150.00	84.00	300.00	100.00	150.00	120.00	100.00
(40)	304.00	150.00	175.00	115.00	120.00	150.00	84.00	300.00	100.00	150.00	120.00	100.00
(41)	.05	.05	.05	.045	.04	.03	.061	.06	.03	.05	.06	.06
(42)	.06	.05	.08	.06	.04	.07	.082	.05	.03	.07	.03	.086
(43)	2.00	1.50	1.00	2.30	1.00	1.00	3.00	.50	1.50	1.20	3.00	1.20
(44)	3.00	2.00	2.50	3.50	2.00	5.00	5.00	2.00	5.00	2.00	5.00	2.40
(45)	20.00	10.00	25.00	25.00	25.00	20.00	33.40	25.00	20.00	32.00	12.00	24.50
(46)	.60	.40	.50	.30	.75	.60	.57	.50	1.00	.20	.30	1.04
(47)	.60	.60	.50	.30	.75	.60	.57	.50	1.00	.20	.30	1.04
(48)	50.00	40.00	150.00	12.00	60.00	80.00	73.75	18.00	30.00	5.00	20.00	200.00
(49)	1.50	.20	.20	.14	.50	.30	.77	.20	1.00	.50	.50	.75
(50)	.40	.20	.20	.14	.10	.20	.46	.15	.25	.20	.40	1.00

- (40) 2 points, furnish and install electrolysis test points, type 2;
- (41) 50,000 lbs. install shut-off, regulating, and relief valves;
- (42) 100,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 500 ft. install 8-in. concr. pipe;
- (47) 100 ft. install 12-in. concr. pipe;
- (48) 6 connections, remodeling house conn. sewers;
- (49) 300 ton-miles hauling steel;
- (50) 3000 ton-miles hauling cement.

SCH. 22-S  
Unlined welded steel pipe with gunite exterior coating for the Palos Verde feeder of the Colorado River Aqueduct distribution system betw. Stations 297 plus 67 and 590 plus 00; inside diam. of pipe, 51 in.; length, 28,310 ft.

- (1) 124,000 c.y. trench excav.;
- (2) 1000 c.y. excav. for struc.;
- (3) to (5) Do not apply here;
- (6) 108,900 c.y. backfill;
- (7) 500 c.y. rock refill;
- (8) 600 c.y. concr. in struc.;
- (9) 600 c.y. concr. in anchors, manhole bases, and supports across trench;
- (10) 60 c.y. concr. in cradle;
- (11) to (13) Do not apply here;
- (14) 350 ft. 42-in. centrif. cast concr. wasteway pipe;

(15) and (16) Do not apply here;  
(17) 12,000 lbs. furnish and place reinf. steel in precast concrete pipe;

- (18) 100,000 lbs. placing reinf. steel in struc.;
- (19) Does not apply here;
- (20) Furnish and install 5/16 in. unlined steel pipe of the following plate thicknesses:

- (20a) 27,760 sq. ft. 3/8-in.;
- (20b) 80 sq. ft. 1/2-in.;
- (20c) 285 sq. ft. 7/16-in.;
- (20d) 165 sq. ft. 1/2-in.;

- (21) to (30) Do not apply here;
- (31) 395 ft. incasement under railway tracks;

- (32) 23,000 sq. ft. pipe coating, type A;
- (33) 353,000 sq. ft. pipe coating, type B;

- (34) Does not apply here;
- (35) 44,000 lbs. furnish and install steel manhole thimbles and covers;

- (36) 14,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 35,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;

- (38) Does not apply here;

- (39) 3 points, furnish and install electrolysis test points, type 1;

- (40) 2 points, furnish and install electrolysis test points, type 2;

- (41) 50,000 lbs. install shut-off, regulating, and relief valves;
- (42) 100,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 500 ft. install 8-in. concr. pipe;
- (47) 100 ft. install 12-in. concr. pipe;
- (48) 6 connections, remodeling house conn. sewers;

- (49) 200 ton-miles hauling steel;
- (50) 300 ton-miles hauling cement.

SCH. 22-SC  
Gunite-coated welded steel pipe with spun mortar lining and gunited joints for the Palos Verde feeder of the Colorado River Aqueduct distribution system betw. Stations 297 plus 67 and 590 plus 00; inside diam. of steel pipe, 51 in.; length, 28,310 ft.

- (1) 124,000 c.y. trench excav.;
- (2) 1000 c.y. excav. for struc.;
- (3) to (5) Do not apply here;
- (6) 108,900 c.y. backfill;
- (7) 500 c.y. rock refill;
- (8) 600 c.y. concr. in struc.;
- (9) 600 c.y. concr. in anchors, manhole bases, and supports across trench;
- (10) 60 c.y. concr. in cradle;
- (11) to (13) Do not apply here;
- (14) 350 ft. 42-in. centrif. cast concr. wasteway pipe;

(15) and (16) Do not apply here;

- (17) 12,000 lbs. furnish and place reinf. steel in precast concrete pipe;
- (18) 100,000 lbs. placing reinf. steel in struc.;
- (19) Does not apply here;
- (20) Furnish and install 5/16 in. unlined steel pipe of the following plate thicknesses:
- (20a) 27,760 sq. ft. 3/8-in.;
- (20b) 80 sq. ft. 1/2-in.;
- (20c) 285 sq. ft. 7/16-in.;
- (20d) 165 sq. ft. 1/2-in.;
- (21) to (30) Do not apply here;
- (31) 395 ft. incasement under railway tracks;
- (32) 23,000 sq. ft. pipe coating, type A;
- (33) 353,000 sq. ft. pipe coating, type B;
- (34) Does not apply here;
- (35) 44,000 lbs. furnish and install steel manhole thimbles and covers;
- (36) 14,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 35,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;
- (38) Does not apply here;
- (39) 3 points, furnish and install electrolysis test points, type 1;
- (40) 2 points, furnish and install electrolysis test points, type 2;
- (41) 50,000 lbs. install shut-off, regulating, and relief valves;
- (42) 100,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 500 ft. install 8-in. concr. pipe;
- (47) 100 ft. install 12-in. concr. pipe;
- (48) 6 connections, remodeling house conn. sewers;
- (49) 200 ton-miles hauling steel;
- (50) 300 ton-miles hauling cement.

Units on Schedule 22-P

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$.80	\$1.15	\$1.00			(17)	\$.048	\$.0425	\$.0425			
(2)	1.50	1.15	2.50			(18)	.02	.009	.02			
(3) to (5)						(19) to (21)						
(6)	.35	.21	.42			(22a)	11.00	15.00	16.00			
(7)	3.50	2.20	3.70			(22b)	14.00	15.00	16.00			
(8)	21.00	28.00	19.00			(22c)	16.00	18.50	17.00			
(9)	7.00	7.50	7.00			(22d)	19.00	18.25	19.00			
(10)	5.50	5.50	6.00			(23) to (30)	27.00	68.00	38.00			
(11) and (12)						(31)						
(13)	7.39	3.60	4.70			(32)						
(14)	7.00	4.90	4.95			(33)	.18	.115				
(15)						(34)	.20	.17	.15			
(18a)	4.30	3.75	4.50			(35)	.20	.16	.15			
(16b)	4.55	4.20	3.80			(38)	.20	.21	.20			
(16c)	4.76	4.70	4.10			(37)	.22	.17	.20			
(16d)	4.96	5.15	4.30			(38)						
(16e)	5.15	5.15	4.60			(39)	300.00	115.00	120.00			
(16f)	5.47	6.05	5.00			(40)	300.00	115.00	110.00			
(16g)	5.65	6.60	5.20			(41)		.05	.045	.04		
(16h)	6.08	8.85	6.00			(42)	.08	.06	.04			
(16i)	6.26	7.35	6.30			(43) to (45)						
(16j) and (16k)						(46)	.60	.30	.75			
(16l)	6.96	11.00	8.90			(47)	.60	.35	1.00			
(16m)	7.94	11.95	10.00			(48)	50.00	12.00	60.00			
(16n)	8.75	13.10	12.00			(49)	1.00	.14	.50			
(16o)	9.50	15.00	15.00			(50)	.25	.14	.10			
(16p)	12.50	15.50	16.00									

Units on Schedule 22-S

	(B)	(D)	(E)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$1.85	\$1.15	\$1.25	\$2.16	\$1.56	\$2.00	\$1.43	\$1.41	\$1.84
(2)	2.00	1.15	2.00	2.50	2.40	2.00	2.00	1.75	.95
(3) to (5)									
(6)	.20	.21	.42	.47	.48	.25	.43	.43	.25
(7)	3.60	2.20	3.70	2.40	4.80	3.50	4.00	4.00	3.50
(8)	26.00	26.00	19.00	34.00	18.00	25.00	25.00	20.00	19.25
(9)	21.00	7.50	14.00	30.00	8.60	10.00	15.00	16.00	17.40
(10)	18.00	5.80	6.65	10.00	6.00	10.00	8.00	8.00	21.00
(11) to (13)									
(14)	6.10	4.90	4.95	6.10	6.00	8.50	8.00	9.00	7.54
(15) to (16)									
(17)	.06	.08	.04	.07	.035	.06	.07	.05	.057
(18)	.02	.009	.03	.025	.025	.02	.025	.012	.016
(20a)	11.30	14.90	14.90	14.58	15.63	13.70	12.88	12.50	14.04
(20b)	11.74	14.20	15.70	16.30	16.02	14.00	13.57	13.50	12.25
(20c)	12.60	16.40	18.40	17.80	16.41	15.00	14.28	14.00	12.90
(20d)	13.28	18.10	17.30	18.78	17.12	16.70	14.99	15.00	13.64
(21) to (30)									
(31)	60.00	68.00	41.00	32.00	60.00	35.00	40.00	65.00	37.00
(32)	.068	.07	.04	.085	.075	.08	.072	.09	.069
(33)	.108	.115	.15	.145	.09	.10	.12	.13	.116
(34)									
(35)	.25	.16	.15	.17	.245	.16	.24	.17	.22
(36)	.50	.21	.20	.14	.245	.20	.54	.16	.51
(37)	.25	.17	.20	.29	.245	.15	.27	.25	.17
(38)									
(39)	150.00	115.00	120.00	110.00	300.00	100.00	150.00	120.00	20.00
(40)	150.00	115.00	110.00	105.00	300.00	100.00	150.00	100.00	20.00
(41)	.05	.045	.04	.035	.06	.03	.05	.06	.06
(42)	.05	.06	.04	.055	.05	.03	.07	.03	.036
(43) to (45)									
(46)	.40	.30	.75	.80	.50	1.00	2.00	.30	1.04
(47)	.60	.35	1.00	1.55	.75	1.00	2.50	.60	1.34
(48)	40.00	12.00	60.00	60.00	18.00	30.00	50.00	20.00	200.00
(49)	.20	.14	.50	.50	.20	1.00	.50	.50	.75
(50)	.20	.14	.10	.25	.15	1.00	.20	.50	1.00

Unit prices on Schedule 23-P:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.122	\$.150				(18)	\$.002	\$.002	
(2)	2.50	4.00				(19) to (21)			
(3) to (5)						(22a)	11.50	16.00	
(6)	.30	.42				(22b)	11.50	16.00	
(7)	3.50	3.70				(22c)	14.50	17.00	
(8)	22.00	19.00				(31)	25.00	38.00	
(9)	7.00	7.00				(32)	.20	.30	
(10)	5.50	6.00				(33)			
(11) and (12)						(34)	.20	.15	
(13)	7.35	4.55	.35			(35)	.20	.15	
(14) and (15)						(36)	.20	.20	
(16a) to (16g)						(37)	.30	.20	
(16h)	6.08	8.50	(38)						
(16i)	6.26	8.28	(39)				200.00	120.00	
(16j)	6.58	8.80	(40)				300.00	110.00	
(16k)	8.85	7.00	(41)				.07	.04	
(16l)			(42)				.06	.04	
(16m)	7.44	8.00	(43) to (45)						
(16n)	7.75	10.20	(46)				.70	.75	
(16o)	8.50	11.00	(47)				.70	1.00	
(16p)	9.50	11.50	(48)				50.00	60.00	
(16q)	10.20	12.10	(49)				1.50	.50	
(17)	.045	0425(50)	(50)				.25	.10	

		Units on Schedule 22-SC										
		(A)	(B)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
(17)	12,000 lbs. furnish and place reinf. steel in precast concrete pipe;	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
(18)	100,000 lbs. placing reinf. steel in struc.;	2.00	2.00	2.00	2.00	2.40	2.56	2.00	2.00	2.00	2.00	1.75
(19)	to (25) Do not apply here;	(3) to (5)										
(26)	furnish and install 51-in. spum-mortar lined steel pipe of the following plate thicknesses:	(6)	.38	.20	.21	.42	.26	.47	.48	.25	.43	.23
		(7)	3.60	3.60	2.20	3.70	2.75	2.40	4.80	3.50	4.00	4.00
		(8)	21.00	26.00	26.00	19.00	20.00	34.00	18.00	35.00	35.00	20.00
(26a)	27.90 ft. 5/8-in.;	(9)	14.00	21.00	7.50	14.00	14.00	30.00	9.60	10.00	15.00	16.00
(26b)	80 ft. 13/32-in.;	(10)	8.00	18.00	5.80	6.65	5.00	10.00	6.00	10.00	8.00	8.00
(26c)	285 ft. 7/16-in.;	(11) to (13)										
(26d)	165 ft. 15/32-in.;	(14)	7.00	6.10	4.90	4.95	11.00	6.10	6.00	6.50	6.00	9.00
(27)	to (30) Do not apply here;	(15) to (16)										
(31)	395 ft. incasement under railway tracks;	(17)	.06	.06	.06	.058	.06	.07	.035	.06	.07	.05
		(18)	.02	.02	.009	.02	.02	.025	.025	.02	.025	.012
(32)	23,000 sq. ft. coating, type A;	(19) to (25)										
(33)	353,000 sq. ft. pipe coating, type B;	(26)	15.87	12.33	16.03	15.35	13.25	16.70	16.74	14.10	13.92	14.30
		(26b)	18.97	13.00	16.35	16.10	14.50	18.30	17.02	14.40	14.60	15.00
(34)	Does not apply here;	(26c)	17.50	13.65	17.50	16.80	15.50	20.00	17.57	15.50	15.30	16.50
(35)	42,000 lbs. furnish and install steel manhole thimbles and covers;	(26d)	18.54	14.80	19.25	17.70	16.00	21.00	18.12	17.00	16.03	17.50
		(27) to (30)										
(36)	14,000 lbs. furnish and install steel thimbles for connections to flanged fittings;	(31)	27.00	60.00	68.00	41.00	19.00	32.00	60.00	35.00	40.00	65.00
		(32)	.17	.068	.07	.06	.075	.085	.075	.06	.072	.08
		(33)	.14	.108	.115	.15	.14	.145	.09	.10	.12	.13
		(34)										
(37)	35,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;	(35)	.20	.25	.16	.15	.25	.17	.245	.16	.24	.17
		(36)	.20	.50	.21	.20	.50	.14	.245	.20	.54	.16
		(37)	.22	.25	.17	.20	.25	.29	.245	.15	.27	.25
		(38)										
(39)	3 points furnish and install electrolysis test points, type 1;	(39)	300.00	150.00	115.00	120.00	150.00	110.00	300.00	100.00	150.00	120.00
(40)	2 points furnish and install electrolysis test points, type 2;	(40)	300.00	150.00	115.00	110.00	125.00	105.00	300.00	100.00	150.00	100.00
		(41)	.05	.05	.045	.04	.03	.035	.06	.03	.05	.06
		(42)	.06	.05	.06	.04	.07	.055	.05	.03	.07	.03
		(43) to (45)										
(42)	100,000 lbs. install misc. metal;	(46)	.60	.40	.30	.75	.60	.80	.50	1.00	2.00	.30
(43)	to (45) Do not apply here;	(47)	.60	.60	.35	1.00	1.00	1.35	.75	1.00	2.50	.60
(44)	500 ft. install 8-in. coner. pipe;	(48)	50.00	40.00	12.00	60.00	80.00	50.00	18.00	30.00	50.00	20.00
(47)	100 ft. install 12-in. coner. pipe;	(49)	1.50	.20	.14	.50	.30	.50	.00	1.00	50.00	50.00
(48)	6 connections, remodeling house conn. sewers;	(50)	.50	.20	.14	.10	.20	.25	.15	1.00	.20	.50

## Unit prices on Schedule 23-S:

		(B)	(E)	(G)	(H)	(I)	(J)	(K)	(L)
(59)	200 ton-miles hauling steel;	\$2.30	\$1.89	\$2.52	\$1.14	\$2.25	\$2.02	\$1.79	\$2.84
(59)	300 ton-miles hauling cement.	2.00	4.00	3.00	2.40	2.00	2.00	1.75	1.60
		(3) to (5)							
		(6)	.22	.42	.53	.475	.25	.49	.23
		(7)	5.60	3.70	2.40	4.30	3.50	4.00	4.00
		(8)	26.00	19.00	45.00	18.00	25.00	25.00	26.00
		(9)	21.00	14.00	31.00	9.60	10.00	15.00	16.00
		(10) to (17)							
		(18)	.02	.02	.025	.025	.02	.025	.012
		(19)							
(1)	129,000 c.y. trench excav.;	(20a)	11.20	15.55	14.80	15.03	13.40	12.70	12.50
(2)	1000 c.y. excav. for struc.;	(20b)	11.80	16.00	15.80	15.97	14.10	13.38	13.50
(3)	to (5) Do not apply here;	(20c)	12.50	16.00	17.20	16.46	15.50	14.07	14.00
(6)	112,000 c.y. backfill;	(21) to (30)							
(7)	500 c.y. rock refill;	(31)	60.00	39.00	32.00	35.00	35.00	40.00	50.00
(8)	600 c.y. rock refill;	(32)	.068	.06	.085	.075	.06	.072	.09
(9)	600 c.y. coner. in anchors, manhole bases, and supports across trench;	(33)	.108	.15	.145	.09	.10	.12	.13
		(34)							
(10)	60 c.y. coner. in cradle;	(35)	.25	.15	.17	.245	.16	.24	.17
(11)	to (13) Do not apply here;	(36)	.50	.20	.14	2.45	.20	.54	.16
(14)	350 ft. 42-in. centrif. cast coner. wasteway pipe;	(37)	.24	.20	.31	2.15	.13	.27	.17
		(38)							
(15)	and (16) Do not apply here;	(39)	150.00	120.00	110.00	300.00	100.00	150.00	120.00
(17)	12,000 lbs. furnish and place reinf. steel in precast concrete pipe;	(40)	150.00	110.00	105.00	300.00	100.00	150.00	100.00
		(41)	.05	.04	.035	.06	.03	.05	.06
(18)	100,000 lbs. placing reinf. steel in struc.;	(42)	.05	.04	.055	.05	.03	.07	.03
		(43) to (45)							
(19)	to (23) Do not apply here;	(46)	.40	.75	.80	.50	1.00	2.00	.30
(29)	furnish and install 53-in. enamel-lined steel pipe of the following thicknesses;	(47)	80	1.60	1.35	.75	1.00	2.50	.60
		(48)	40.00	60.00	50.00	18.00	30.00	50.00	20.00
		(49)	.20	.50	.50	.20	1.00	.50	.75
(29a)	27.210 ft. 5/8-in.;	(50)	.20	.10	.25	1.5	1.00	.20	.50
(29b)	580 ft. 13/32-in.;								
(29c)	265 ft. 7/16-in.;								
(29d)	235 ft. 15/32-in.;								
(30)	Does not apply here;								
(31)	395 ft. incasement under railway tracks;								
(32)	24,000 sq. ft. pipe coating, type A;								
(33)	366,000 sq. ft. pipe coating, type B;								
(34)	Does not apply here;								
(35)	42,000 lbs. furnish and install steel manhole thimbles and covers;								
(36)	14,000 lbs. furnish and install steel thimbles for connections to flanged fittings;								
(37)	35,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;								
(38)	Does not apply here;								
(39)	3 points, furnish and install electrolysis test points, type 1;								
(40)	2 points, furnish and install electrolysis test points, type 2;								

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Units on Schedule 23-SE:

	(A)	(B)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1).....	\$ 1.40	\$2.30	\$1.74	\$1.95	\$ 2.47	\$1.36	\$2.25	\$2.02	\$1.77	\$2.89
(2).....	2.50	2.00	4.00	1.50	3.00	2.40	2.00	2.00	2.00	1.60
(3) to (5)										
(6).....	.30	.22	.42	.26	.52	.46	.25	.49	.23	.32
(7).....	3.50	3.60	3.70	2.75	2.40	4.80	3.50	4.00	4.00	3.50
(8).....	22.00	26.00	19.00	20.00	48.00	18.00	25.00	25.00	20.00	26.00
(9).....	14.00	21.00	14.00	14.00	31.00	9.60	10.00	15.00	16.00	17.40
(10) to (17)										
(18).....	.025	.02	.02	.02	.025	.025	.02	.025	.012	.016
(19) to (28)										
(29a).....	15.95	11.83	16.60	12.25	15.65	15.99	14.15	13.36	13.30	15.83
(29b).....	16.00	12.54	17.20	13.65	16.80	16.60	14.90	14.11	14.00	15.22
(29c).....	17.25	13.19	18.00	14.70	18.05	17.19	15.70	14.80	14.80	15.31
(30).....										
(31).....	30.00	60.00	39.00	40.00	32.00	35.00	35.00	40.00	50.00	36.00
(32).....	.07	.068	.06	.07	.085	.075	.06	.072	.09	.069
(33).....	.14	.108	.15	.14	.145	.09	.10	.12	.13	.118
(34).....										
(35).....	.20	.25	.35	.25	.17	.245	.16	.24	.17	.22
(36).....	.22	.50	.20	.50	.14	.245	.20	.54	.16	.53
(37).....	.25	.25	.20	.25	.35	.245	.15	.27	.25	.20
(38).....										
(39).....	300.00	150.00	120.00	150.00	110.00	300.00	100.00	150.00	120.00	200.00
(40).....	300.00	150.00	110.00	125.00	105.00	300.00	100.00	150.00	100.00	200.00
(41).....	.08	.05	.04	.05	.035	.06	.03	.05	.06	.06
(42).....	.06	.05	.04	.07	.055	.05	.03	.07	.03	.036
(43) to (45)										
(46).....	.60	.40	.75	.60	.80	.50	1.00	2.00	.30	1.04
(47).....	.60	.60	1.00	1.00	1.35	.75	1.00	2.50	.60	1.34
(48).....	60.00	40.00	60.00	80.00	50.00	18.00	30.00	50.00	20.00	200.00
(49).....	1.50	.20	.50	.30	.50	.20	1.00	.50	.50	.75
(50).....	.50	.20	.10	.20	.25	.15	1.00	.20	.50	1.00

Units on Schedule 23-SC:

	(A)	(B)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$ 1.40	\$2.30	\$1.80	\$2.00	\$2.53	\$1.42	\$2.25	\$2.02	\$1.80
(2).....	2.50	2.00	4.00	1.50	3.00	2.40	2.00	2.00	1.75
(3) to (5)									
(6).....	.30	.22	.42	.26	.53	.475	.25	.49	.23
(7).....	3.50	3.60	3.70	2.75	2.40	4.80	3.50	4.00	4.00
(8).....	22.00	26.00	19.00	20.00	48.00	18.00	25.00	25.00	20.00
(9).....	14.00	21.00	14.00	14.00	31.00	9.60	10.00	15.00	16.00
(10) to (17)									
(18).....	.025	.02	.02	.02	.025	.025	.02	.025	.012
(19) to (25)									
(26a).....	16.13	12.20	16.10	13.00	16.10	16.03	13.80	13.73	13.80
(26b).....	16.20	12.82	16.65	13.50	17.50	16.97	14.65	14.42	14.80
(26c).....	17.33	13.50	17.35	15.20	22.40	17.46	16.00	15.11	15.00
(27) to (30)									
(31).....	30.00	60.00	39.00	40.00	32.00	35.00	35.00	40.00	50.00
(32).....	.07	.068	.06	.075	.085	.075	.06	.072	.09
(33).....	.14	.108	.15	.14	.145	.09	.10	.12	.13
(34).....									
(35).....	.20	.25	.35	.25	.17	.245	.16	.24	.17
(36).....	.22	.50	.20	.50	.14	.245	.20	.54	.16
(37).....	.25	.25	.20	.25	.35	.245	.15	.27	.25
(38).....									
(39).....	300.00	150.00	120.00	150.00	110.00	300.00	100.00	150.00	120.00
(40).....	300.00	150.00	110.00	125.00	105.00	300.00	100.00	150.00	100.00
(41).....	.08	.05	.04	.05	.035	.06	.03	.05	.06
(42).....	.06	.05	.04	.07	.055	.05	.03	.07	.03
(43) to (45)									
(46).....	.60	.40	.75	.60	.80	.60	1.00	2.00	.30
(47).....	.60	.60	1.00	1.00	1.35	.75	1.00	2.50	.60
(48).....	50.00	40.00	60.00	80.00	50.00	18.00	30.00	50.00	20.00
(49).....	1.50	.20	.50	.30	.50	.20	1.00	.50	.50
(50).....	.50	.20	.10	.20	.25	.15	1.00	.20	.50

- (41) 50,000 lbs. install shut-off, regulating, and relief valves;
- (42) 100,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 500 ft. install 8-in. coner. pipe;
- (47) 100 ft. install 12-in. coner. pipe;
- (48) 6 connections, remodeling house conn. sewers;
- (49) 200 ton-miles hauling steel;
- (50) 300 ton-miles hauling cement.

SCH. 22-M

- Centrifugally impelled machine-troweled mortar lining in steel pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between Stations 297 plus 67 and 590 plus 00; inside diam. of steel pipe, 51 in.
- (1) to (49) Do not apply here;
- (50) 500 ton-miles hauling cement;
- (51) Does not apply here;
- (52) 28,290 ft. mortar lining of 51-in. steel pipe.

SCH. 23-P

Precast concrete pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system between Stations 590 plus 00 and 951 plus 85; inside diam. of pipe, 50 in.; length, 34,470 ft.

- (1) 147,000 c.y. trench excav.;
- (2) 100 c.y. excav. for struc.;
- (3) to (5) Do not apply here;
- (6) 109,000 c.y. backfill;
- (7) 1000 c.y. rock refill;
- (8) 250 c.y. coner. in struc.;
- (9) 3500 c.y. coner. in anchors, manhole bases, and supports across trench;
- (10) 7,600 c.y. coner. in cradle;
- (11) and (12) Do not apply here;
- (13) 30,680 ft. 50-in. lock-joint precast coner. pipe;
- (14) and (15) Do not apply here;
- (16) furnishing and placing steel cylinder reinf. in 50-in. coner. pipe;
- (16a) to (16g) Do not apply here;
- (16h) 2000 ft. 16/32-in.;
- (16i) 18,205 ft. 13/16-in.;
- (16j) 7,815 ft. 7/32-in.;
- (16k) 1165 ft. 15/64-in.;
- (16l) Does not apply here;
- (16m) 270 ft. 9/32-in.;
- (16n) 320 ft. 5/16-in.;
- (16o) 745 ft. 11/32-in.;
- (16p) 455 ft. 3/4-in.;
- (16q) 765 ft. 13/32-in.;
- (17) 2,750,000 lbs. furnish and placing reinf. steel in precast concrete pipe;
- (18) 210,000 lbs. placing reinf. steel in struc.;
- (19) to (21) Do not apply here;
- (22) furnish and install 63-in. O. D. unlined steel pipe of the following plate thicknesses:
- (22a) 375 ft. 3/4-in.;
- (22b) 585 ft. 13/32-in.;
- (22c) 250 ft. 7/16-in.;
- (23) to (30) Do not apply here;
- (31) 1210 ft. incasement under railway tracks;
- (32) 100 sq. ft. pipe coating, type A;
- (33) Does not apply here;
- (34) 50,000 sq. ft. Gunite lining of steel cylinders;
- (35) 58,000 lbs. furnish and install steel manhole thimbles and covers;
- (36) 12,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 7,000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;
- (38) Does not apply here;
- (39) 3 points, furnish and install electrolysis test points, type 1;
- (40) 3 points, furnish and install electrolysis test points, type 2;
- (41) 15,000 lbs. install shut-off, regulating, and relief valves;
- (42) 60,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 100 ft. install 8-in. coner. pipe;
- (47) 100 ft. install 12-in. coner. pipe;
- (48) 3 connections remodeling house conn. sewers;
- (49) 200 ton-miles hauling steel;
- (50) 300 ton-miles hauling cement.

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## SCH. 23-S

Unlined welded steel pipe with Gunite exterior coating for the Palos Verdes feeder of the Colorado River Aqueduct distribution system betw. Stations 590 plus 00 and 951 plus 85; inside diam. pipe, 51 in.; length, 34,470 ft.

- (1) 124,000 c.y. trench excav;
- (2) 100 c.y. excav. for struc;
- (3) to (5) Do not apply here;
- (4) 105,000 c.y. backfill;
- (7) 1000 c.y. rock refill;
- (8) 250 c.y. concr. in struc;
- (9) 900 c.y. concr. in anchors, manhole bases, and supports across trench;
- (10) to (17) Do not apply here;
- (18) 50,000 lbs. placing reinf. steel in struc;
- (19) Does not apply here;
- (20) furnish and install 51-in. unlined steel pipe of the following plate thicknesses:
- (20a) 12,930 ft.  $\frac{3}{8}$ -in.;
- (20b) 20,655 ft. 13/32-in.;
- (20c) 865 ft. 7/16-in.;
- (21) to (30) Do not apply here;
- (31) 1315 ft. incasement under railway tracks;
- (32) 407,000 sq. ft. pipe coating, type A;
- (33) 39,000 sq. ft. pipe coating, type B;
- (34) Does not apply here;
- (35) 52,000 lbs. furn. and install steel manhole thimbles and covers;
- (36) 12,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 7000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;
- (38) Do not apply here;
- (39) 3 points, furnish and install electrolysis test points, type 1;
- (40) 3 points, furnish and install electrolysis test points, type 2;
- (41) 15,000 lbs. install shut-off, regulating, and relief valves;
- (42) 60,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) 100 ft. install 8-in. concr. pipe;
- (47) 100 ft. install 12-in. concr. pipe;
- (48) 3 connections, remodeling house connection sewers;
- (49) 100 ton-miles, hauling steel;
- (50) 400 ton-miles, hauling cement;

- manifolds, reducing sections, and nozzles;
- (38) Does not apply here;
  - (39) 3 points, furnish and install electrolysis test points, type 1;
  - (40) 3 points, furnish and install electrolysis test points, type 2;
  - (41) 15,000 lbs. install shut-off, regulating, and relief valves;
  - (42) 60,000 lbs. install misc. metal;
  - (43) to (45) Do not apply here;
  - (46) 100 ft. install 8-in. concr. pipe;
  - (47) 100 ft. install 12-in. concr. pipe;
  - (48) 3 connections, remodeling house conn. sewers;
  - (49) 100 ton-miles hauling steel;
  - (50) 400 ton-miles hauling cement.

## SCH. 23-SE

Gunite - coated welded steel pipe with coal-tar enamel lining for the Palos Verdes feeder of the Colorado River Aqueduct distribution system betw. Stations 590 plus 00 and 951 plus 85; inside diam. of steel pipe, 53 in.; length, 34,470 ft.

- (1) 130,000 c.y. trench excav.;
- (2) 100 c.y. excav. for struc.;
- (3) to (5) Do not apply here;
- (6) 109,000 c.y. backfill;
- (7) 1000 c.y. rock refill;
- (8) 250 c.y. concr. in struc.;
- (9) 900 c.y. concr. in anchors, manhole bases, and supports across trench;
- (10) to (17) Do not apply here;
- (18) 50,000 lbs. placing reinf. steel in struc.;
- (19) to (28) Do not apply here;
- (29) furnish and install 53-in. enamel-lined steel pipe of the following plate thicknesses;
- (29a) 5585 ft.  $\frac{3}{8}$ -in.;
- (29b) 22,785 ft. 13/32-in.;
- (29c) 6080 ft. 7/16-in.;
- (30) Does not apply here;
- (31) 1315 ft. incasement under railway tracks;
- (32) 423,000 sq. ft. pipe coating, type A;
- (33) 41,000 sq. ft. pipe coating, type B;
- (34) Does not apply here;
- (35) 52,000 lbs. furnish and install steel manhole thimbles and covers;
- (36) 12,000 lbs. furnish and install steel thimbles for connections to flanged fittings;
- (37) 7000 lbs. furnish and install steel manifolds, reducing sections, and nozzles;
- (38) Does not apply here;
- (39) 3 points, furnish and install electrolysis test points, type 1;
- (40) 3 points, furnish and install electrolysis test points, type 2;
- (41) 15,000 lbs. install shut-off, regulating and relief valves;
- (42) 60,000 lbs. install misc. metal;
- (43) to (45) Do not apply here;
- (46) install 8-in. concr. pipe;
- (47) 100 ft. install 12-in. concr. pipe;
- (48) 3 connections, remodeling house connection sewers;
- (49) 100 ton-miles hauling steel;
- (50) 400 ton-miles hauling cement.

## SCH. 23-M

Centrifugally impelled machine-troweled mortar lining in steel pipe for the Palos Verdes feeder of the Colorado River Aqueduct distribution system betw. Stations 590 plus 00 and 951 plus 85; inside diam. of steel pipe, 51 in.

- (1) to (49) Do not apply here;
- (50) 600 ton-miles hauling cement;
- (51) Does not apply here;
- (52) 34,450 ft. mortar lining of 51-in. steel pipe.

Units on Schedule 21-P were:

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ELDORADO CO.—GRADING & SURFACING—(State)

ELDORADO CO., Calif.—Hemstreet & Bell, 501 Eleventh Street, Marysville, at \$163,731.25, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 4.3 miles grading and surfacing with plant mixed surfacing medium curing type of crusher run base between one and one mile west of Eldorado and Clark's Corner.

Work Involves:

- (1) 32 acres clear and grub;
- (2) 2,400 M. gals. water;
- (3) 211.00 c.y. rdwy. excav., unclass.;
- (4) 2,350 c.y. struc. excav.;
- (5) 2,465 c.y. ditch and channel excavation;
- (6) 329,000 sta. yds. overhaul;
- (7) 325 c.y. concrete removed and disposed of;
- (8) 230 sta. finishing rdwy.;
- (9) 370 c.y. salvaged surf.;
- (14) 15,900 tons crusher run base;
- (11) 9,600 tons mineral aggregate, plant mix surf.;

- (12) 475 tons liquid asphalt, MC-4, MC-5 or MC-extra heavy plant mix surf.;
- (13) 68 tons liquid asphalt, SC-2 prime coat and penetration oil treatment;
- (14) 30 tons sand do.;
- (15) 40 tons liquid asphalt MC-3 or MC-4 seal coat;
- (16) 370 tons stone screenings, seal coat;
- (17) 12,700 lbs. bar relin. steel;
- (18) 160 c.y. Class A portland cement concrete, struc.;
- (19) 10 c.y. rubble masonry, slope paving;
- (20) 196 lf. 8-in. CMP;
- (21) 230 lf. 12-in. CMP;
- (22) 94 lf. 12-in. CMP siphon;
- (23) 2,520 lf. 18-in. CMP;
- (24) 200 lf. 24-in. CMP;
- (25) 50 lf. 24-in. CMP siphon;
- (26) 406 lf. 30-in. CMP;
- (27) 42 lf. 30-in. CMP siphon;
- (28) 98 lf. 48-in. CMP;
- (29) 174 lf. 8-in. perf. metal pipe

- underdrains;
- (30) 35 c.y. rock filling material;
- (31) 2 each 12-in. concrete pipe joints
- (32) 2 each 24-in. do.;
- (33) 1 each 30-in. do.;
- (34) 1 each 18-in. headgate;
- (35) 58 lf. existing CMP, remove, clean and salvage;
- (36) 78 lf. existing CMP remove, clean and relay;
- (37) 5 each spillway assemblies;
- (38) 200 lf. laminated guard railing;
- (39) 350 lf. guard railing removed and disposed of;
- (40) 88 each culvert markers;
- (41) 95 each guide posts;
- (42) 24 each guide posts, remove and reset;
- (43) 5.5 miles property fences;
- (44) 0.7 mile property fences moved and reset;
- (45) 28 each drive gates;
- (46) 95 each monuments complete in place.

Total bids follow:

(A) Hemstreet & Bell, 501 11th St., Marysville	\$163,731.25
(B) Macco Construction Co., Clearwater	168,495.10
(C) Healey-More Co. and Frederickson & Watson Construction Co. and Frederickson Bros., Oakland	178,431.91
(D) Frederickson & Westbrook, Lower Lake	179,014.80
(E) Pacific States Constr. Co., S. F., and Young & Son Co., Ltd., Berkeley	179,519.60
(F) George Pollock, Sacramento	184,767.75
(G) A. Teichert & Son	185,521.40
(H) George K. Thompson & Co., Los Angeles	188,151.50
(I) N. M. Ball Sons, Albany	191,378.50
(J) Union Paving Co., San Francisco	195,240.40
(K) Louis Biasotti & Son, Stockton	199,498.85
(L) McNutt Bros., Eugene, Oregon	204,138.40
(M) Chas. L. Harnay, San Francisco	246,894.40
(N) Inab Construction Co., Reno, Nevada	250,525.40
(O) Harold Blake, Portland, Oregon	258,806.35

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	150.00	100.00	190.00	90.00	150.00	200.00	100.00	100.00	200.00	200.00	150.00	150.00	300.00	100.00	125.00
(2)	1.50	1.00	1.25	1.40	1.50	1.50	1.25	2.00	1.25	1.00	1.00	2.00	1.00	2.00	1.25
(3)	.21	.28	.34	2.33	3.00	3.33	.27	2.37	1.50	.30	.40	.39	.50	.47	.67
(4)	1.50	1.50	1.25	1.40	1.10	2.00	1.50	1.50	2.00	1.90	1.50	1.00	3.50	2.50	1.25
(5)	.75	1.00	.70	1.00	.50	.65	.75	.80	1.00	1.50	1.00	1.00	2.60	1.00	1.00
(6)	.01	.004	.007	.007	.005	.01	.01	.005	.01	.01	.01	.01	.01	.01	.01
(7)	1.00	3.00	1.25	1.00	2.00	1.50	2.00	4.00	2.00	1.50	4.00	3.00	3.75	2.50	3.75
(8)	5.00	10.00	8.50	7.50	7.00	6.00	5.00	7.00	5.00	5.00	7.00	10.00	10.00	10.00	6.00
(9)	1.00	2.00	1.00	45.00	1.50	1.00	2.00	1.50	.60	.75	1.00	1.50	1.00	1.50	1.50
(10)	1.80	1.50	1.94	2.33	2.50	2.15	2.20	2.34	2.02	2.25	2.25	1.75	2.60	3.00	2.35
(11)	2.00	1.80	2.03	2.41	2.80	2.85	2.34	2.44	2.30	2.30	2.50	4.50	3.00	4.60	2.50
(12)	17.50	16.50	19.50	18.00	20.00	17.00	21.00	16.00	18.00	18.00	18.65	17.00	20.00	18.61	23.00
(13)	16.00	15.00	18.00	15.00	18.00	14.00	20.00	18.75	17.00	20.00	14.55	15.00	18.00	18.00	30.00
(14)	2.25	3.00	3.10	2.50	3.00	5.00	3.50	3.50	3.00	5.00	4.00	5.00	3.75	4.00	7.00
(15)	21.50	20.00	25.00	20.00	24.00	20.00	24.00	20.90	21.00	25.00	24.00	20.00	23.60	25.00	30.00
(16)	3.50	3.50	3.75	3.40	3.50	4.00	3.50	3.50	3.00	3.50	4.00	5.00	4.40	6.50	3.00
(17)	.06	.06	.06	.08	.07	.07	.06	.06	.07	.06	.07	.06	.07	.07	.07
(18)	25.50	25.00	30.00	31.00	26.00	30.00	24.00	30.00	30.00	25.00	30.00	25.00	30.00	27.50	30.00
(19)	20.00	20.00	14.50	17.00	16.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	12.00	30.00	12.00
(20)	1.05	.85	1.03	1.00	1.00	1.00	1.00	1.10	1.25	1.25	1.35	1.00	1.40	1.25	1.10
(21)	1.35	1.15	1.38	1.25	1.25	1.40	1.35	1.40	1.40	1.80	1.80	1.25	1.70	1.50	1.25
(22)	2.00	1.50	1.72	1.50	1.60	2.00	1.85	2.00	1.75	2.00	2.40	2.00	2.00	2.00	2.00
(23)	1.80	1.60	1.94	2.33	2.50	2.00	2.00	2.00	2.00	2.00	2.25	1.85	2.50	2.20	1.90
(24)	3.00	2.50	3.03	2.60	2.65	2.90	3.00	2.90	2.60	3.00	3.25	3.50	3.30	3.20	2.75
(25)	3.50	3.05	3.40	3.40	3.15	3.50	3.50	3.50	3.50	3.50	4.25	3.50	3.80	3.70	3.25
(26)	3.75	3.40	3.96	3.25	3.40	3.75	3.75	3.50	3.50	4.00	5.00	3.40	4.00	4.00	4.00
(27)	4.50	4.10	4.55	4.00	3.90	5.00	4.25	4.50	4.50	4.50	5.50	4.50	4.70	4.60	5.00
(28)	8.25	7.25	7.87	7.00	6.85	7.00	8.00	7.50	9.00	8.00	8.00	7.50	8.00	8.00	8.00
(29)	1.05	1.00	1.38	1.00	1.05	1.25	1.00	1.10	1.20	1.25	1.25	1.50	1.00	1.70	1.50
(30)	3.00	4.00	3.82	3.55	3.00	4.00	3.75	2.50	3.00	5.00	5.00	2.00	4.25	3.60	2.50
(31)	7.00	7.50	5.65	5.00	6.00	11.00	8.00	8.00	20.00	10.00	12.00	6.00	5.00	11.50	8.00
(32)	12.00	11.25	20.80	8.00	12.00	15.00	14.00	10.00	25.00	15.00	15.00	10.00	9.50	14.35	12.00
(33)	20.00	15.50	15.13	15.00	18.00	23.00	20.00	15.00	30.00	20.00	18.00	15.00	17.00	19.00	15.00
(34)	30.00	17.00	18.43	160.00	20.00	30.00	20.00	15.00	25.00	15.00	25.00	15.00	25.00	15.00	15.00
(35)	1.00	.75	.84	.60	.50	.50	.75	1.00	1.00	.50	.80	1.00	1.25	1.00	.50
(36)	1.50	1.00	1.38	1.00	.75	.75	1.00	1.10	1.20	1.00	1.00	1.00	1.50	1.00	1.00
(37)	15.00	13.00	16.20	16.00	15.00	13.00	15.00	16.00	15.00	15.00	15.00	30.00	15.00	16.00	23.00
(38)	1.50	1.25	1.23	1.70	1.25	1.10	1.00	1.00	1.20	1.50	1.25	1.25	1.00	1.50	1.00
(39)	.75	.50	.46	.20	.25	.25	.10	.50	.30	.25	.25	.25	.30	.10	.20
(40)	2.50	2.50	1.89	2.00	2.50	3.00	2.75	3.00	3.00	2.50	3.50	2.50	3.50	3.00	3.00
(41)	2.00	2.50	1.89	2.00	2.50	3.00	2.50	3.00	3.00	2.50	3.00	2.00	3.00	3.50	2.00
(42)	1.00	2.00	1.23	1.50	1.00	2.00	1.50	1.00	1.00	1.00	1.00	1.50	1.00	1.50	1.00
(43)	650.00	600.00	680.00	650.00	675.00	600.00	600.00	450.00	600.00	650.00	600.00	700.00	300.00	780.00	800.00
(44)	500.00	400.00	375.00	400.00	350.00	500.00	450.00	350.00	400.00	500.00	600.00	200.00	425.00	500.00	500.00
(45)	200.00	15.00	25.00	20.00	20.00	15.00	20.00	18.00	23.00	20.00	25.00	22.00	20.00	25.00	20.00
(46)	3.00	4.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	3.50	3.00

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## IN THIS ISSUE

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**\$897,600 Low Bids on  
Span Track**

♦ ♦ ♦ ♦

*A. J. Raisch Bids Overpass at Greenville*

♦ ♦ ♦ ♦

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# PACIFIC CONSTRUCTOR

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Vol. XX

SAN FRANCISCO, CALIF., SEPTEMBER 18, 1937

No. 35

## PACIFIC BRIDGE, ROGERS COMBINE LOWEST BIDDERS

MacDonald - Kahn, Eaton & Smith Also Figure Job; One Bid for Bonding

Low bids aggregating approximately \$897,600 were submitted yesterday to the State Department of Public Works in San Francisco for construction of track work for the San Francisco-Oakland Bay Bridge interurban railway system. The low bidders were:

Pacific Bridge Co., Balfour building, San Francisco, at \$496,236 for Proposal A, track work on the main bridge and the San Francisco loop.

Rogers, Copeland, Cassell & Burghart, 2601 Wood street, Oakland, at \$428,363 on Proposal B, for track work in the East Bay Yard.

Only one proposal was received for bonding of the track work and contract rail. It was submitted by General Welding Co., 951 Folsom street, San Francisco, and amounted to \$32,527.

The bids of Rogers, Copeland, Cassell & Burghart (operating locally from the Eastbay office of Bates & Rogers Construction Co.) on Proposal A was \$565,969, or nearly \$95,000 over that of Pacific Bridge Company.

MacDonald & Kahn Co., Ltd., San Francisco, submitted a single bid on Proposal C, covering the entire work, at \$982,289.

Eaton & Smith, San Francisco, bid \$700,390 on Proposal A and \$469,000 on Proposal B.

The Rogers, Copeland, Cassell & Burghart bid carried a stipulation that if the group proved to be low on both schedules, award would be accepted only for the East Bay Yard work, while award of either contract would be acceptable if the bidder proved low only on one.

New orders for steel boilers taken during July, 1938, totaled 1,181 a slight gain over the total of 1,091 orders taken during the same month last year, according to the monthly report of the Bureau of Census.

## OPEN AIR DEPOT ELECTRICAL BIDS

Scott-Buttner Electric Company, at \$52,595, yesterday submitted the low bid to the Constructing Quartermaster for construction and completion of an electric distribution and street lighting system at the Sacramento Air Depot. Their bid on an alternate calling for a deduction of the entire street lighting system was omitted was minus \$9800, about \$1200 lower than the second lowest bidder.

The second lowest bidder was Alta Electric and Mechanical Company, at \$54,953, followed by Underground Construction Company, at \$55,398.

## Support for Transit Bond Proposal Urged

Organized Labor, and the construction industry, should give energetic support to the proposed \$49,250,000 subway rapid transit bond issue appearing on the November ballot, according to John P. McLaughlin, outstanding labor member of the Public Utilities Commission.

"With 49 per cent of the entire bond issue to be spent for labor, the workers of San Francisco will have a bigger stake in the actual subway construction than any other group," said Mr. McLaughlin.

The need for an immediate improvement in transportation facilities throughout the city is apparent to all, he declared. An exhaustive study of conditions and consultation with New York experts has convinced commission engineers that the only practical answer to the problem lies in subway rapid transit. Mr. McLaughlin estimated that whatever increases in taxes results from the bond issue will be offset by population and property value increases due to the improvement. A "yes" vote on the bonds is recommended by endorsement of the Building Trades Council and A. Watchman, council president, is active vice-chairman of the Rapid Transit Citizens Committee.

## RAISCH LOW ON GREENVILLE SEPARATION JOB

San Jose Contractor Bids State Overpass on Alameda Highway

(Special to Daily Pacific Builder) SACRAMENTO, Sept. 15.—A. J. Raisch, San Jose, today submitted the low proposal of \$104,290.50 to the State Division of Highways for construction of a reinforced concrete girder overhead crossing over the Southern Pacific and Western Pacific railroad tracks at Greenville, Alameda county.

The overhead crossing will consist of one 50-foot 6-inch span, eight 49-foot spans, and one 16-foot cantilever.

Other bidders were: R. R. Bishop, \$108,690.50; Carl N. Swenson Co., \$109,196.40; J. F. Knapp, \$109,907; John Rocca, \$113,707, and C. W. Calletti, \$117,239.

### Other Projects

The job was the first of two State projects in Alameda county for which bids were scheduled to be opened this month. The second contract, for which bids will be opened September 29, involves construction of two grade separations, one over the tracks of the Southern Pacific Company at Redmond, and the other under the Western Pacific tracks at Stone Cut.

The State Division of Highways will open bids September 16 on two contracts for work in Orange and Los Angeles counties. The Orange county project will involve grading and paving with Portland cement concrete about 2.6 miles of Hampshire avenue, between Coast Blvd. and Garfield street.

The Los Angeles County job involves surfacing about one mile of highway between Atlantic boulevard and New avenue at Monterey Park. The work involves: 1400 cubic yards roadway excavation; 32,000 square yards of asphalt paint binder; 720 tons asphalt cement; 6450 tons mineral aggregate, and 1200 tons imported subgrade material.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
750	Ashley	Edwards	3545
751	Lehto	Owner	6500
752	Maubherret	Harder	15500
753-4	Robison	Prop. Imp.	3000
755	Coffin	We. Iron	1400
186	Larson	Owner	1100
757	Nihli	McCarthy	5000
758	Niccoli	Owner	2750
759	Obuhen	Owner	16000
790	Voorhies	Owner	7000
792	Clausen	Holt	5000
793	Hansen	Hinkand	4985
794	Stoneson	Owner	5500
795-6	Ruegg	Owner ea.	4000

**ALTERATION**  
(780) FITZHUGH BLDG. Alter of-  
fice.  
Owner—Rea Ashley, Prem.  
Contractor—Henry W. Edwards, 432  
39th Ave.  
Architect—Not Given. \$3545

**FLATS**  
(781) N CORBETT, 180 W. ORD  
ST. Two-story and basement  
frame flats.  
Owner—Abe Lehto, 4186 17th St.  
Architect—Not Given. \$6500

**DWELLING**  
(782) N. VALLEJO, 174 W. LEAV-  
ENWORTH. Three-story frame  
dwelling with basement.  
Owner—E. Maubherret, 1706 Broad-  
way.  
Contractor—Gerrit Harder, 632 44th  
Ave.  
Architect—J. Kendall Masten, 2320  
Lake St. \$15,500

**DWELLING**  
(783) W ST. CHARLES, 66 N. PAL-  
METTO. One-story and base-  
ment frame dwelling.  
Owner—W A Robison, c/o Contrac-  
tor.  
Contractor—Property Improvement  
Co., 919 Fell St.  
Architect—L. A. Berg, Mills Bldg. \$3000

**DWELLING**  
(784) W ST. CHARLES, 100 N. OF  
PALMETTO. One-story and  
basement frame dwelling.  
Owner—W A Robison, c/o Contrac-  
tor.  
Contractor—Property Impr. Co., 919  
Fell St.  
Architect—L. A. Berg, Mills Bldg. \$3000

**ALTERATIONS**  
(785) SW BEALE AND FOLSOM.  
Alter storage shed  
Owner—Coffin-Redington Co., Prem.  
Contractor—Western Iron Works, 141  
Beale St.  
Architect—Fred. H. Meyer, Kohl  
Bldg. \$1400

**ALTERATIONS**  
(786) N GREENWICH, 150 W. OF  
BAKER. Alter dwelling.  
Owner—A R Larson, 4020 24th St.  
Architect—Not Given. \$1100

**DWELLING**  
(787) W 46TH AVE, 60 N. CA-  
BERILO. One-story and base-  
ment frame dwelling.  
Owner—Nihli, Inc, 1645 Judah St.  
Contractor—Chas M McCarthy, 1400  
22nd Ave.  
Architect—Not Given. \$5000

**DWELLING**  
(788) S. MANGELS AVE., 225 E OF  
CONGO. One-story and base-  
ment frame dwelling.  
Owner—W. J. Niccoli, 33 Mars St.  
Architect—Not Given. \$2750

**APARTMENT HOUSE**  
(789) S. NORTH POINT, 150 W OF  
BUCHANAN. Two-story frame  
apartment house.  
Owner—Geo. Obuhen, 2636 Octavia St.  
Architect—Not Given. \$16,000

**WAREHOUSE**  
(790) W. BOARDMAN PLACE, 25  
S. FARGO PLACE. Two-story  
Class C Warehouse.  
Owner—Jos. T. Voorhies, 915 Bryant  
Street.  
Architect—Not Given. \$7000

**ALTERATIONS**  
(791) 1421 LAKE ST. Alter dwell-  
ing.  
Owner and Contractor—Oscar Gron-  
berg, 1421 Lake Street.  
Architect—Not Given. \$1500

**DWELLING**  
(792) W 23rd AVE, 275 N Ocean  
Avenue. One-story and basement  
frame dwelling.  
Owner—C. O. Clausen and L. S. Ham-  
lin, 746 46th Ave.  
Contractor—O. K. Holt, 3957 46th.  
Architect—C. O. Clausen, 746 46th Av-  
enue. \$5,000

**STORE**  
(793) NW 18th AVE. and Taraval.  
One-story frame store.  
Owner—M. Hansen, 2383 18th Ave.  
Contractor—Ed. Zinkand & Son, 667  
36th Avenue.  
Architect—W. C. Falch, 1202 Hearst  
Building. \$4,985

**DWELLING**  
(794) W LAGUNITAS Drive 382 S  
Sloat Blvd. Two-story and base-  
ment frame dwelling.  
Owner and Builder—Stoneson Bros.,  
1 Sloat Blvd.  
Architect—Harold Stoner, 35 Vicente  
Street. \$5,500

**DWELLING**  
(795) E. TALBERT, 50 N. SUNNY-  
DALE AVE. One-story and base-  
ment dwelling.  
Owner—The Ruegg Co., 369 Pine St.  
Architect—Albert H. Larsen, 333  
Kearny St. \$4000

**DWELLING**  
(796) E. TALBERT, 75 N. SUNNY-  
DALE AVE. One-story and base-  
ment frame dwelling.  
Owner—The Ruegg Co., 369 Pine St.  
Architect—Albert H. Larsen, 333  
Kearny St. \$4000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
504	Blum	Chasmar	1000
505	Case	Christensen	48000
506	Scammel	Owner	5000
507	Ebrhardt	Owner	5000
508	Flaharty	Jensen	2400
509	Flaharty	Jensen	2400
510	E. Bay Print.	Lloyd	1800
511	Hoover	Owner	1000
512	Med Center	Owner	1200
513	O'Brien	Davis	3800
514	Triberti	Owner	1200
515	Woodburn	Owner	7000
516	Athens	Atkinson	3000
517	Hogue	Muller	3875
518	Palmer	Muller	6114
519	Safeway	Ludwig	4416

520	Schroeder	Booth	1000
521	Hays	Anloff	3300
522	Dossa	Owner	1750
523	Woolsey	Diedine	2000

**ADDITION**  
(504) 271 CROCKER AVE., OAK-  
LAND. Addition.  
Owner—James E. Blum, Prem.  
Contractor—C. E. Chasmar, 4257 Su-  
ter St.  
Architect—Not Given. \$1000

**WAREHOUSE**  
(505) 1933 PERALTA ST., OAK-  
LAND. One-story 1-room brick  
and concrete warehouse.  
Owner—J. I. Case Co., 2001 Peralta  
Street.  
Contractor—H. J. Christensen & W.  
G. Lyons Const. Co., 1955 Webster  
St.  
Architect—Frank J. Hoffman, c/o  
Owner. \$48,000

**DWELLING**  
(506) 2573 CORDOVA ST., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—J. W. Scammell,  
3161 Fruitvale Ave. \$5,000

**DWELLING**  
(507) 4445 DAVENPORT AVENUE,  
OAKLAND. 1½-story 7-room  
dwelling.  
Owner & Builder—Delmar W. Ehr-  
hardt, Prem.  
Architect—Not Given. \$5000

**DWELLING**  
(508) 6977 BROADWAY TERRACE,  
OAKLAND. One-story 4-room  
dwelling.  
Owner—H. R. Flaharty, 6207 Crown  
Ave.  
Contractor—Harry K. Jensen, 2757  
Rawson.  
Architect—Not Given. \$2400

**DWELLING**  
(509) 6983 BROADWAY TERRACE,  
OAKLAND. One-story 4-room  
dwelling.  
Owner—H. S. Flaherty, 6207 Crown  
Ave.  
Contractor—Harry K. Jensen, 2757  
Rawson.  
Architect—Not Given. \$2400

**ADDITION**  
(510) 5823 OCCIDENTAL STREET,  
OAKLAND. Addition.  
Owner—East Bay Printing Company,  
Prem.  
Contractor—J. A. Lloyd, 4017 E. 15th  
St.  
Architect—Not Given. \$1800

**ALTERATIONS**  
(511) 3910 PATTERSON AVENUE,  
OAKLAND. Alterations (dwell-  
ing).  
Owner & Builder—L. A. Hoover,  
Prem.  
Architect—Not Given. \$1000

**ALTERATIONS**  
(512) 411 30TH ST., OAKLAND. Al-  
terations.  
Owner & Builder—Medical Center  
Prop., Inc., 525 Standard Oil  
Bldg., San Francisco.  
Architect—Not Given. \$1300

**DWELLING**  
(513) 1920 106TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Geo. L. O'Brien, Jr., Prem.  
Contractor—Stanley M. Davis, 640  
Bancroft Ave., San Leandro.  
Also 1-story garage. \$200.  
Architect—Not Given. \$3800

**DWELLING**  
 (514) 5935 MacCALL AVE., OAK-  
 LAND. One-story 2-room dwell-  
 ing.  
 Owner & Builder—C. Triberti, 5937  
 MacCall Ave.  
 Architect—Not Given. \$1200

**DWELLING**  
 (515) 6564 LIGGETT DRIVE, OAK-  
 LAND. One-story 7-room dwell-  
 ing.  
 Owner & Builder—Paul E. Woodburn  
 & Son, 624 Prospect Ave.  
 1-story garage, \$250.  
 Architect—Not Given. \$7000

**ALTERATIONS**  
 (516) 1225 CLAY ST., OAKLAND.  
 Alterations.  
 Owner—Athens Athletic Club, Prem.  
 Contractor—C. E. Atkinson, 6363 Red-  
 wood Road.  
 Architect—J. B. Anthony, 3252 Lake-  
 shore Ave. \$3000

**ALTERATIONS**  
 (517) S. SANTA CLARA AVE., 140  
 E. OAKLAND AVE., OAKLAND.  
 Alterations.  
 Owner—Chas. L. Hogue, Grass Val-  
 ley.  
 Contractor—F. A. Muller, 1416 Jeffer-  
 son St.  
 Architect—Not Given. \$3875

**ALTERATIONS**  
 (518) SW COR. OAKLAND AND  
 SANTA CLARA AVES., OAK-  
 LAND. Alterations.  
 Owner—Mrs. Laura Palmer, Prem.  
 Contractor—F. A. Muller, 1416 Jeffer-  
 son St.  
 Architect—Not Given. \$6114

**INCINERATOR**  
 (519) W. HIGH ST., 250 S. ALA-  
 MEDA AVE., OAKLAND. Brick  
 incinerator.  
 Owner—Safeway Stores, Prem.  
 Contractor—Ludwig Incinerator, 960  
 Natoma St., San Francisco.  
 Architect—Not Given. \$4416

**DWELLING**  
 (520) 1022 KEELER, BERKELEY.  
 One-story 2-room frame dwell-  
 ing.  
 Owner—Mrs. L. F. Schroeder, Prem.  
 Contractor—Tombs & Booth, 2545  
 Benvenue.  
 Architect—Not Given. \$1000

**DWELLING**  
 (521) 600 63RD ST., OAKLAND. 1-  
 story 5-room dwelling.  
 Owner—R. V. Hays, 6427 Colby St.  
 Contractor—E. A. Anloff, 748 Gros-  
 venor Road.  
 Architect—Not Given. \$3300

**GARAGE**  
 (522) 3515 HOPKINS ST., OAK-  
 LAND. 1-story brick garage.  
 Owner & Builder—L. Dossa and F.  
 Nausin, Prem.  
 Architect—R. C. Schuppert, 1530 Wel-  
 lington St. \$1750

**REPAIRS**  
 (523) 5820 FOOTHILL BLVD., OAK-  
 LAND. Fire repairs.  
 Owner—Leon Woolsey, 1605 Tele-  
 graph Ave.  
 Contractor—Verne Diedine, 350 63rd  
 St.  
 Architect—Not Given. \$2000

**BUILDING CONTRACTS**

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
168	McCall	Stolte	5957
169	Stecher	Parker	117697
170	Stecher	Otis Elev.	8950
171	Stecher	Rehn	3870
172	Stecher	Grinnell	5595

**ALTERATIONS**  
 (168) HYDE AND LOMBARD STS.  
 Alt. dwelling.  
 Owner—J. B. Metcalf, 1098 Lombard  
 Street.  
 Architect—E. T. Spencer, 369 Pine St.  
 Contractor—F. C. Stolte Co., 1405 San  
 Antonio Ave., Alameda.  
 Filed Sept. 11, '37. Dated July 30, '37  
 Progress payments.

TOTAL COST, \$5,897  
 Limit, 45 days. Plans and specifica-  
 tions filed.

**CONCRETE PLANT**  
 (169) BATTERY AND JACKSON  
 STS. Two-story and basement  
 concrete plant (general construc-  
 tion).  
 Owner—Stecher-Traung Lithograph  
 Corp.  
 Engineer—Jesse Rosenwald, 525 Mar-  
 ket Street.  
 Contractor—K. E. Parker.

TOTAL COST, \$117,697  
 Bond, \$117,697. Surety, Seaboard  
 Surety Co. Plans and specifications  
 filed.

**ELEVATOR WORK**  
 (170) BATTERY AND JACKSON  
 STS. Elevator work.  
 Owner—Stecher-Traung Lithograph  
 Corp.  
 Engineer—Jesse Rosenwald, 525 Mar-  
 ket Street.  
 Contractor—Otis Elevator Co., 1  
 Beach St.

TOTAL COST, \$8,950  
 Plans and specifications filed.

**PLUMBING WORK**  
 (171) BATTERY AND JACKSON  
 STS. Plumbing work.  
 Owner—Stecher-Traung Lithograph  
 Corp.  
 Engineer—Jesse Rosenwald, 525 Mar-  
 ket Street.  
 Contractor—Geo. Rehn, 1919 Mission  
 St.

TOTAL COST, \$3,870  
 Plans and specifications filed.

**SPRINKLER SYSTEM**  
 (172) BATTERY AND JACKSON  
 STS. Sprinkler system.  
 Owner—Stecher-Traung Lithograph  
 Corp.  
 Engineer—Jesse Rosenwald, 525 Mar-  
 ket Street.  
 Contractor—Grinnell Co. of the Pac-  
 ific, 601 Brannan St.

TOTAL COST, \$5,595  
 Bond, \$5,595. Surety, U. S. Guarantee  
 Co. Plans and specifications filed.

**BUILDING CONTRACTS**

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
112	Carrington	Bernard	9747
113	Hays	Anloff	3300
114	P. T. & T.	Fox	1069
115	Safeway	Ludwig	4416
116	Signal	Nordstrom	3406

**DWELLING**  
 (112) LOT 368, FERNSIDE, ALA-  
 MEDA. Two-story and basement  
 frame dwelling.  
 Owner—Mr. and Mrs. A. C. Carrington,  
 1720 Cornell Rd., Alameda.  
 Architect—Kent & Hass, 525 Market  
 St., San Francisco.  
 Contractor—W. Vernon Bernard, 227  
 San Carlos Ave., El Cerrito.  
 Filed Sept. 10, '37. Dated Sept. 8, '37  
 Payments not listed.

TOTAL COST, \$9,747.00  
 Limit, 90 days. Plans and specifica-  
 tions filed.

**DWELLING**  
 (113) LOT 13, BLOCK 1361, POIR-  
 IER TRACT, OAKLAND. Five-  
 room frame dwelling and garage.  
 Owner—Richard Upson Hays.  
 Contractor—E. A. Anloff.

Filed Sept. 13, '37. Dated Sept. 13, '37  
 Frame up \$825.00  
 Brown plastered 825.00  
 Completion 825.00  
 Usual 35 days 825.00

TOTAL COST, \$3300.00  
 Limit, 75 days. Plans and specifica-  
 tions filed.

**ALTERATIONS**  
 (114) 2112-2116 BANCROFT WAY,  
 BERKELEY. Alterations.  
 Owner—Electric Telephone & Tele-  
 graph Co.  
 Contractor—Fox Bros.  
 Filed Sept. 13, '37. Dated Aug. 25, '37  
 Completion—75%  
 Usual 49 days—25%.

TOTAL COST, \$1,069  
 Bond, \$1069. Plans and specifica-  
 tions filed.

(115) ALAMEDA AND HIGH STS.,  
 OAKLAND. Installation of in-  
 cinerator.  
 Owner—Safeway Stores, Inc.  
 Contractor—The Ludwig Incinerator  
 Filed Sept. 14, '37. Dated Sept. 7, '37  
 Progress payments.

TOTAL COST, \$4,116.00

**SERVICE STATION**  
 (116) BLANDING AND PARK STS.,  
 ALAMEDA. Tire warehouse  
 service station.  
 Owner—Signal Oil Co.  
 Contractor—D. Nordstrom & Co  
 Filed Sept. 15, '37. Dated Sept. 15, '37  
 Completion—75%  
 Usual 30 days—25%.

TOTAL COST, \$3,406.00  
 Limit, 30 days. Plans and specifica-  
 tions filed.

**SAN FRANCISCO CO. PERMITS**

**UNDER \$1000**

ALTER dwelling, \$500; 2117 Lake St.,  
 owner, R. N. Nason, 359 Pine St.;  
 contractor, P. J. Hurley, 1676  
 Hayes St.

ALTER flats, \$100; 268 Chattanooga  
 St.; owner, O. Mattiasso, Prem.

SIGN, electric, \$200; 122 Battery St.;  
 owner, Boardman & Flower,  
 Prem.; contractor, Wonderlite  
 Neon Prod. Co., 170 Otis St.

GARAGE, private frame, \$235; 446  
 36th Ave.; owner, L. Macouillard,  
 Prem.

ALTER dwelling, \$100; 2914 Anza St.;  
 owner, D. Tesdahl, Prem.; contrac-  
 tor, Fred M. Kimball, 128 9th  
 Ave.

BILLBOARD, \$19; SE Sutter and  
 Pierce Sts., owner, Foster and  
 Kleiser Co., 1675 Eddy St.

ALTER dwelling, \$209; 226 6th St.,  
 owner, Florence Lewis, 3766 Clay  
 St.; contractor, Peary & Grant-  
 ham, 268 Market St.

ALTER dwelling, \$300; 363 14th Ave.,  
 owner, T. Seoble, Prem.; contrac-  
 tor, Hamill & Maier, 4011 Geary  
 Blvd.

FLUE, \$65; 1650 Shrader St.; owner,  
 Bruce & Martin, 1837 Union St.;  
 contractor, Bacigalupi & Daigneau,  
 1837 Union St.

ALTER store, \$150; 1260 Market St.;  
 owner, Dr. Podhurst, Prem.; con-  
 tractor, Standard Neon Mfg. Co.,  
 1189 Turk St.

GARAGE, private frame, \$250; 116  
 Divisadero (rear); owner, Curtis  
 C. Choer, 1233 Arguello Blvd.

ALTER dwelling, \$700; 2478-25 74  
 Bush St.; owner, Michael Tele-  
 quin, 2476 Bush St.

SIGN, electric, \$110; 1316 Pacific  
 Ave.; owner, V. Lambold, Prem.  
 Inc., contractor, A. J. Raymond,  
 Inc., 712 Sausalito St.

BILLBOARD, \$25; NE Post and  
 Pierce; owner, Foster & Kleiser  
 Co., 1675 Eddy St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres              |
| 7.—Federal Buildings            | 17.—Wharves & Docks                         |
| 8.—Club Buildings               | 18.—Misc. Const.                            |
| 9.—Hospitals                    | 19.—Misc. Supplies & Hotels                 |
| 10.—Hotels                      |                                             |

## 1—APARTMENTS

### CONTRACT AWARDED

LOS ANGELES, Cal.—Tower Construction Co., 4036 Wilshire Blvd., awarded contract for construction of a 2-story, 32-room, 8-unit apartment building at 1014 N. Doheny Drive for Mrs. Hawley Meritt, 512 N. Norton Street; frame construction, oak and linoleum floors, tile baths and daybeds, wood sash, gas heating, gas water heaters, electric refrigerators, garages; cost, \$35,000.

### Sub-Contracts Awarded

APARTMENTS Cost, \$15,000  
BURLINGAME, San Mateo Co., Cal.  
125 Highland Avenue.

Two-story frame and stucco apartment building containing ten 2-room apartments in main building, and two 2-room apartments in annex; steel sash, composition shingle roof, hot water heating system, hardwood floors, tile baths, etc.

Owner—W. J. Dessin, 121 Highland Ave., Burlingame.  
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Roofing—Crowley Roofing Co., Burlingame.  
Heating and Plumbing—H. R. Park, Burlingame.

Sheet Metal—Garvey Sheet Metal Works, Burlingame.

Glass—Banks Bros., Burlingame.  
Window Shades—Peninsula Drapery Shade Co., San Mateo.

Hardwood Floors—Inlaid Floor Co., 600 Alabama St., San Francisco.

Grading—M. Camerotto Co., San Mateo.

Lumber—Wisnol Lbr. Co., San Mateo.

Mill Work—Nelson & Shirkey, Burlingame.

Lathing and Plastering—C. B. Henderson, San Mateo.

Hardware—H. E. Hardware Co., Burlingame.

Plans Being Figured  
APARTMENT Cost, \$ .....  
SAN FRANCISCO, NE Union and Divisadero Streets.

Three-story frame and stucco apartment (one 7-room and 12 3- and 4-rm apts) roof tile, steam heating, tile baths, etc.

Owner—Jerome A. Carew, 111 Sutter.  
Architect—H. C. Baumann, 251 Kearny Street.

Bids are being taken by the owner from a selected list of contractors, only.

To Be Done By Day's Work  
APARTMENTS Cost, \$18,000  
SAN FRANCISCO S North Point  
150 W. Buchanan St.

Two-story frame and stucco apartment building.  
Owner—George Obujan, 2636 Octavia.  
Architect—Not Given.

## 3—CHURCHES

### PLANS BEING FIGURED

CORONA, Los Angeles Co., Calif.—Architect Douglas McLellan, 907 Architects' Bldg., Los Angeles, is taking bids from a selected list of contractors for a Class C Georgian style church building to be built at Main and 8th Sts., Corona, for the First Baptist Church. It will be a 1-story and part 2-story structure, with basement, and will contain an auditorium to seat 250 persons and Sunday School rooms; concrete and brick construction, slate roof, metal and wood sash. Bids are to be submitted September 22.

## 4—FACTORIES & WAREHOUSES

Additional Sub Contracts Awarded  
WAREHOUSE Cost, \$15,000  
SAN FRANCISCO, SE Cor. Carroll and Newhall Sts.

One-story mill construction warehouse.

Owner—General Brewing Corp., SE Cor. Carroll and Newhall.

Architect—Frederick H. Meyer, Kohl Building.

Engineer—Michael Pregnot, c/o Contractor.

Contractor—Cahill Bros., 206 Sansome Street.

Roofing—Jack Johnson Roofing Co., 5365 Army St.

Sheet Metal—R. J. Neilan, 39 Isis St.

Paving—Lowrie Paving Co., 1540 16th Street.

Other awards reported Aug. 3rd.

Plans Being Figured—Bids Close  
October 2, 3 P. M.  
IMPLEMENT BLDG. Cost, \$25,000  
RIO VISTA, Solano Co., Calif.

One-story frame and stucco implement building.

Owner—Gordon Hansen Co., Ltd., Rio Vista.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Plans and specifications may be obtained from the owner and from the architect upon deposit of \$20.

To Be Done By Day's Work  
WAREHOUSE Cost, \$8,500  
SAN FRANCISCO, Calif. W. Boardman Place, S. Fargo Place.

Two-story Class C Warehouse.  
Owner & Builder—Jos. T. Voorbies, 915 Bryant St.

Architect—Not Given

BIDS OPENED  
OAKLAND, Alameda Co., Calif.—J. F. Tulloch, 335 8th St., Oakland, at \$6,640, submitted low bid to Oakland City Council for the construction of a steel frame shed with corrugated metal roof and sides, to be constructed on pile foundation already in place.

Complete bids follow:  
J. F. Tulloch, 335 8th St., Oakland ..... \$6,640

Empire Constr. Co., S. F. .... 6,849

Adam Arras & Son, S. F. .... 6,889

Willis F. Lynn, Oakland ..... 6,939

Bids held under advisement.  
Roofing Contract Awarded  
FACTORY Est. Cost, \$125,000  
SAN FRANCISCO, SE Fifth and

Tehama Sts.  
Two-story and part mezzanine Class B factory building (80 x 275 ft.), reinforced concrete construction, composition roof, steel sash, one freight elevator.

Owner—Field Ernst Envelope Co., 45 Fremont St.

Architect—Day & Michelson, 405 Montgomery St.

Contractor—Cahill Brothers, Inc., 206 Sansome St.

Roofing—Malott & Peterson, 2412 Harrison St.

Other awards reported Aug. 3rd.

PREPARING PLANS  
LONG BEACH, Los Angeles Co., Cal.—J. H. Davies, structural engineer, Ocean Center Building, Long Beach, is preparing working drawings for additions to a factory building at 1600 W. 7th St., Long Beach, for Proctor & Gamble Mfg. Co. The work will consist of a six-story addition to the oil processing building, which will be of steel frame construction, and a six-story addition, 91 x 108 ft., to the fish products bldg., which will be of reinf. conc. constr.; reinf. conc. walls and floors, steel sash, sprinkler system, ornamental iron, elevators; cost, \$1,000,000.

Contracts Awarded  
SAN FRANCISCO, Jackson & Battery Sts.

Two-story and basement reinforced concrete addition to lithograph plant (work includes heating, ventilating, plumbing, electric work, piling, waterproofing, concrete, carpentry, plastering, glass roofing, steel windows and rolling doors, sheet metal, etc.)  
Owner—Stecher-Traung Lithograph Corp., 640 Battery St.  
Consulting Engineer—Jesse Rosenwald, 525 Market St.  
Contractor—K. E. Parker Co., 135 South Park St.—\$117,697.

Elevators—Otis Elevator Co., 1 Beach St.—\$8,950.

Sprinkler—Grinnell Company, 5th and Brannan Sts.—\$5,595.

Plumbing—George Rehn, 1919 Mission St.—\$3,870.

Pile Driving—M. B. McGowan, 74 New Montgomery St.

Sub Contracts Awarded  
LITHOGRAPH PLANT

Est. Cost, \$250,000  
SAN FRANCISCO Sterling Street, near Bryant Street.

Six-story reinforced concrete lithograph plant (work includes demolition of existing building on the site, concrete, carpentry, plastering, brick, hollow tile, glass, roofing, finish hardware, art metal, underpinning, heating and ventilating, boiler equip., pressure tanks, automatic sprinklers.)

Owner—Schmidt Lithograph Co., 2nd and Bryant Streets.

Consulting Engineer—Jesse Rosenwald, 525 Market St.

Contractor—K. E. Parker Co., 135 South Park St., San Francisco.

Steel Sash—Detroit Steel Products Co., 111 Sutter St.

Demolition and Excavation—Emasco Concrete Cutting Co., 147 11th St.

Ornamental Iron—Fair Mfg. Co., 617 Bryant St.

Hollow Metal Frames—Fire Protection Products Co., 1101 16th St.

Plumbing—W. J. Forster, 355 4th St.

Marble & Terrazzo—P. Grassi, 445 Bayshore Blvd.

Glass—Habernicht & Howlett, 529 Clay St.



Reinf. Steel—W. C. Hauck, 280 San Bruno Ave.  
 Plastering—M. J. King, 231 Franklin St.  
 Painting—J. H. Mohr, Inc., 960 7th St.  
 Heating & Ventilating—Scott Co., 243 Minna St.  
 Brick—White & Gloor, Monadnock Bldg.  
 As previously reported:  
 Electric Work—Radefinger Brothers, 544 Natoma St.—\$16,828.  
 Automatic Sprinklers—Geo. M. Robinson & Co., 451 Folsom St.—\$10,323.  
 Elevators—Otis Elevator Co., 1 Beach Street.

Planned  
**FACTORY & MILL** Cost, \$75,000  
**EUREKA**, Humboldt Co., Cal. Water-front bet J and K Sts.  
 Sawmill and factory.  
 Owner—Arrow Mill Co. (Harry Jameson in charge).  
 Architect—Not Given.  
 Further details will be announced shortly.

Contract Awarded  
**ADDITION** Cost, \$6500  
**FRESNO**, Fresno Co., Calif. 1519 G Street.  
 Addition to laundry.  
 Owner—Sterling Towel Company, 1519 G St., Fresno.  
 Architect—Not Given.  
 Contractor—T. C. Irwin, 908 Mildreda St., Fresno.

Structural Steel Contract Awarded  
**STORAGE SHED** Cost, \$.....  
**SAN FRANCISCO**, Bayshore Blvd.  
 One-story steel frame bone storage shed (80 ft. wide by 200 ft. long, 40 ft. to under side of trusses), concrete walls, glass brick, covered with protective metal, concrete bins and pits, railroad tracks, paving.  
 Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.  
 Architect—J. Francis Ward, 68 Post Street.  
 Structural Engineer—W. H. Ellison, 821 Market Street.  
 Contractor—Barrett & Hilp, 918 Harrison Street.  
 Structural Steel—Judson Pacific Co., 609 Mission St.

**PLANS BEING FIGURED**  
**LOS ANGELES**, Calif.—Western Bakeries Corp., 5225 Wilshire Blvd., is taking bids for a one-story building to contain about 40,000 sq. ft. of floor space, to be built at 6541 N. San Fernando Rd. It will be a wood frame and stucco structure, wood roof trusses, composition roof, cement floor, steel sash. Chas. Frye, architect, 410 San Fernando Road.

Electrical Contract Awarded  
**FACTORY** Cost, \$12,000  
**SAN FRANCISCO**, W 30th Street 245 N 18th Street.  
 One-story frame factory building.  
 Owner—Fruehauf Trailer Co., 145 11th Street.  
 Engineer—W. H. Ellison, 821 Market.  
 Contractor—Barrett & Hilp, 918 Harrison Street.  
 Electric—United Electric Co., 1190 Bryant Street.  
 As previously reported, Sheet Metal awarded to Morrison & Co., 74-76 DuBoce Ave.; plumbing to W. F. Wilson Co., 736 Harrison St.

**5—FLATS**  
 To Be Done By Day's Work  
**FLATS** Cost, \$7,500  
**SAN FRANCISCO**, Calif. N. Corbett Rd., W. Ord St.  
 Two-story and basement frame and stucco flats.

Owner & Builder—Abe Lehto, 4186 17th St.  
 Architect—Not Given

**6—GARAGES & SERVICE STATIONS**

Sub-Contracts Awarded  
**ALTERATIONS** Cost, \$9,500  
**SAN FRANCISCO**, 1201 Bryant St.  
 Alter garage building.  
 Owner—A. Crocker Co., c/o Contractor.  
 Architect—A. H. Jacobs, 110 Sutter.  
 Engineer—H. M. Engel, 110 Sutter St.  
 Contractor—E. A. Hawkins and Co., 1182 Market St.  
**Electric—Decker Electric Const. Co.**, 538 Bryant Street.  
**Lumber—Loop Lumber Co.**, Central Basin.  
**Steel Tanks—California Steel Products Co.**, Bay and Taylor Sts.  
**Structural Steel—Fair Mfg. Co.**, 617 Bryant Street.  
**Sprinkler System—J. H. Pinkerton Co.**, 927 Howard St.  
**Wreck Concrete—Emsco Concrete Cutting Corp.**, 147 11th St.

**7—FEDERAL BUILDINGS**

**FUNDS ALLOTTED**  
**SAN FRANCISCO**.—The Treasury Department has allotted \$4,250,000 for the construction of a new Customs House and the demolition of the present building, located on Battery Street, between Washington & Jackson, San Francisco. The new building will probably be erected on the site of the present building

**COMPLETE BIDS**  
**SAN FRANCISCO**.—As previously reported, Paragon Electric Co., 49 Geary St., at \$3,874, submitted low bid to Procurement Division, Public Buildings Branch, Washington, D. C., for communicating and buzzer system in the Federal Office Bldg., San Francisco.

Complete bids follow:  
 Paragon Electric Co. .... \$3,874  
 Chas. A. Langlais ..... 4,650  
 J. H. Armstrong ..... 4,750  
 Dictograph Products Co., Inc. .... 5,197  
 Central Electric Co. .... 5,550  
 All of San Francisco.

Bid Opening Postponed Until Sept. 21, 1 P. M.  
**POST OFFICE** Est. Cost, \$80,000  
**SHELTON**, Mason Co., Wash.  
 U. S. Post Office  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Dept., Washington, D. C.  
 Date was previously set for September 10th

Plans and specifications may be obtained from the Procurement Division, Public Bldgs. Branch, Washington, D. C., no deposit required for one set of plans.

Plans Being Completed  
**ADDITION** Cost, \$250,000  
**PASADENA**, Los Angeles Co., Calif.  
 East Colorado St. and Garfield Avenue.  
 Addition to post office building.  
 Owner—United States Government  
 Architect—Marrison & Mayburn, 25 S Euclid Ave., Pasadena.

**8—CLUB BUILDINGS**

Plans Being Figured  
**ADDITIONS** Cost, \$120,000  
**HONOLULU**, T. H. Fort Street  
 Additions to the Nuuanu Y. M. C. A. Bldg. (Oriental) reinforced concrete walls & floors; steel frame roof with concrete slab covered with Japanese roofing tile; interior partitions, metal lath and

plaster.  
 Owner—Nuuanu Y. M. C. A.  
 Architect—C. W. Dickey, 105 S. M. Damon Bldg., Honolulu.

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—A. D. Chesholm Co., 3984 W. 6th St., has the contract for erection of a club house near Los Feliz Blvd. and Riverside Drive for the Los Angeles Breakfast Club. It will be a wood frame structure with wood exterior, shake and tile roof, rustic interior, fireplaces, stage, showers and lockers, cost \$55,000. C. J. Smale, architect, 309 S. Orlando St.

Additional Sub-Contracts Awarded  
**REMODEL BLDG.** Cost, \$.....  
**SAN FRANCISCO**, McAllister Street bet. Van Ness Ave. and Polk St.  
 Remodel building for museum and art gallery and future chirorooms and dining room.  
 Owner—Society of California Physicians, c/o Architect.  
 Architect—John H. Ahnden, 822 39th Avenue.  
 Contractor—Wm. Martin, 666 Mission Street.

Concrete—Louie Sartorio, 2627 Lombard Street.  
 Cutting Concrete—D. J. & T. Sullivan 1940 Folsom Street.  
**Reinforcing Steel—Gunn, Carle and Co.**, 20 Potrero Ave.  
**Structural Steel—Mortenson Const. Co.**, 19th and Indiana Sts.  
**Lumber—Rolando Lumber Company.**  
**Ornamental Iron—Industrial Ornamental Iron & Bronze Works**, 552 Noe Street.

Glass and Glazing—Habernicht and Howlett, 529 Clay St.  
**Sheet Metal—General Sheet Metal Works**, 1529 Pine St.  
**Marble—Eisele & Dondoro Co.**, 3985 Third Street.  
**Steel Sash—Truscon Steel Co.**, 604 Mission Street.

As previously reported, plastering awarded to A. Cordes, 666 Mission St.; mill work to Anderson Brothers Planning Mill, Quint and Custer Sts.; electric to Frank Goodman, 1466 33rd Ave.; plumbing to J. J. McLeod, 1246 Golden Gate Ave.; painting to Raphael Co., 270 Tebama St.; heating to Colan Heating & Sheet Metal Co., 1060 Folsom Street.

**9—HOSPITALS**

Plans Being Prepared  
**HEATING PLANT** Cost, \$.....  
**LIVERMORE**, Alameda County, Cal.  
 Arroyo Sanatorium  
 Central heating plant to be installed in sanatorium.  
 Owner—County of Alameda  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland

Preliminary Plans Completed  
**SANATORIUM** Cost, \$2,000,000  
**HILO**, Hawaii.  
 Tubercular sanatorium.  
 Owner—Punahele Home, Hilo  
 Architect—C. W. Dickey, 105 S. M. Damon Bldg., Honolulu.

Preliminary plans have been completed by Architect Dickey and working drawings will be prepared by their Japanese architect in the County Engineer's Office, Hilo (5000).

Bids Wanted—To Close September 28, 10:30 A. M.  
**CULINARY BLDG.**, Etc. Cost, \$20,000  
**ADWANEHE**, Modera County, Calif.  
 Tri-County Tubercular Sanatorium, Unit No. 1 (one-story and basement) concrete culinary department including kitchen, dining room, diet kitchen, etc.; concrete floors, asbestos shingle roof, steel sash, wire glass, all metal doors, hardwood floor fin

ish, metal lath and plaster ceilings, etc., and Unit No. 2: Frame administration building, wood shakes, all-wood trim, linoleum floors, plastered walls.

Owner—Madera, Stanislaus and Merced Counties.

Architect—Johnson & Wethered, Sir Francis Drake Hotel, San Francisco.

Engineer—W. E. Bedesea, Merced.

Plans and specifications may be obtained from Mr. Bedesea. On previous bid opening, Limer & Allen, 130 27th St., Merced, at \$28,938, submitted only bid, which was rejected.

Preparing Working Drawings  
MEDICAL BLDG. Cost, \$70,000  
HONOLULU, T. H. Queens Hospital Grounds.

Fireproof reinforced concrete medical building (dark gray terra cotta roof) (Mabel Smythe Memorial Medical Bldg.)

Owner—Queens Hospital Assn.  
Architect—W. Dickey, 405 S. M. Damon Bldg., Honolulu.

#### BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until Sept. 20, 11 a. m., bids will be received by Eugene D. Graham, Co. Clerk, for furnishing and installing boiler in the Courthouse building, Stockton. Estimated cost, \$3000.

Plans and specifications may be obtained from above office.

### 10—HOTELS

#### PLANNED

LAS VEGAS, Nev.—Peter Pansey, Las Vegas, will start work at once on the erection of a tourist hotel in North Las Vegas for himself and associates. In addition to the main building, which will contain 20 hotel rooms, 20 individual bungalows will be built on the site. They will be concrete block structures. A swimming pool will also be constructed. Cost, \$75,000.

Contract Awarded  
ADDITION Cost, \$16,000  
TRACY, San Joaquin Co., Cal. East 11th Street.

Addition to Tracy Hotel.  
Owner—James H. Tracy, Tracy Hotel.  
Architect—Not Given.  
Contractor—Jere Strizek, 1020 Bush St., San Francisco.

#### PLANS BEING FIGURED

CORONADO, San Diego Co., Cal.—Hotel del Coronado, Coronado, is taking bids for alterations to the casino in the hotel and the installation of bowling alleys. Work will include structural steel, maple floors, acoustic plaster, insulating, lighting fixtures. D. D. McMurray, 480 California Terrace, Pasadena, architect.

### 11—ICE AND COLD STORAGE PLANTS

#### CONTRACTS AWARDED

RIVERSIDE, Riverside Co., Cal.—Kohlenberger Engr. Co., Fullerton, awarded contracts by the Riverside county supervisors for refrigerating equipment and ice making equipment to be installed in the new Riverside county hospital. 11

### 12—POWER PLANTS

#### BIDS OPENED

BOULDER CANYON PROJECT.—The following submitted bids to the Bureau of Reclamation, R. F. Walter Chief Engineer, Denver, under Spec. No. 959-D, for insulated cable for in installation in the Boulder power plant, Boulder Canyon project, Ari-

zona-California-Nevada; fob Boulder City, Nev.:

New England Electric Co., Denver, \$50,148.99.

Baitinger Electric Co., Inc., New York City, \$47,662.63.

B. & R. Electrical Supply Co., Denver, \$50,166.99.

United States Rubber Products, Inc., New York City, \$50,148.99.

Hazard Wire Rope Division of American Chain & Cable Co., Inc., Denver, \$50,166.99.

The Okonite Co., Chicago, \$50,166.99.

Imperial Electrical Supply Co., Inc. Brooklyn, N. Y., \$48,098.83.

Crescent Electric Co., San Francisco, \$49,290.24.

General Cable Corp., Chicago, Ill., \$50,400.92.

General Electric Co., Schenectady, N. Y., \$50,381.93.

Eagle Electric Supply Co., Inc., Boston, \$46,966.40.

American Electric Supply Co., Boston, \$48,063.82.

Hatschewsky Cable & Wire Division, Phelps Dodge Copper Prod. Corp., New York City, \$50,424.93.

Simplex Wire & Cable Co., Cambridge, Mass., \$50,148.99.

National Electric Prop. Corp., Pittsburg, Pa., \$50,148.99.

Williamsburg Electric Supply Corporation, Pittsburg, Pa., \$47,696.18.

Collyer Insulated Wire Co., Pawtucket, R. I., \$50,369.93.

American Automatic Electric Sales Co., Chicago, \$50,410.93.

American Steel & Wire Co., Denver, \$50,381.93.

Graybar Electric Co., Inc., Denver, \$50,410.93.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, \$50,124.99.

Kennecott Wire & Cable Co., Phillipsdale, R. I., at \$1,944.19 and Rock-Hill Products Corp., New Haven Conn., \$204.00 did not submit complete bid, therefore will not be considered.

### 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Low Bidder  
FIREHOUSE ADDITION Cost, \$6,000  
HILLSBOROUGH, San Mateo Co., Calif. Ascot Road

One-story frame and stucco addition to firehouse, terra cotta tile roof, wall board finish, gas steam radiators, overhead automatic rolling doors, slide fire flapole. Owner—Town of Hillsborough, City Manager Wisley.

Architect—Capt. E. L. Norberg, 407 Occidental Ave., Burlingame.

Low Bidder—James B. Allen, San Carlos.

Contract Awarded  
FIREHOUSE ADDN. Cont. Pr., \$5,424  
HILLSBOROUGH, San Mateo Co., Calif. Ascot Road.

One-story frame and stucco addition to firehouse (terra cotta tile roof, wall board finish, gas steam radiators, overhead automatic rolling doors, slide fire flapole). Owner—Town of Hillsborough, City Manager Wisley.

Architect—Capt. E. L. Norberg, 407 Occidental Ave., Burlingame.

Contractor—James B. Allen, San Carlos.

Bids Wanted To Close October 1st, 3 P. M.

ARCHITECTURAL FEATURES

Cost, \$  
VERBA BUENA SHOALS. Site of the 1939 World's Fair. Architectural features of the Main Courts of the Palace group. Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 680 Bush St.

Plans by San Francisco Bay Archi-

tectural Commission, 585 Bush St.

Plans and specifications may be obtained from above office.

Contract Awarded  
RESIDENCE Cost, \$11,000  
ORIND, Contra Costa Co., Calif.

Two-story frame and stucco residence (9 rooms, 3 baths) shingle roof, oil burning heating system, hardwood floors, tile baths, etc. Owner—Withheld.

Architect—F. L. Confer, 3149 Claremont Ave., Berkeley.

Contractor—C. M. Heigland, 4668 Dolores Ave., Oakland.

#### BIDS OPENED

OAKLAND, Alameda Co., Calif.—Carl T. Doell, 467 21st St., Oakland, at \$647, submitted low bid to Oakland City Council, for furnishing and installing a gas floor furnace in engine house at 4226 Moraga Road, Oakland. Complete bids follow:  
Carl T. Doell, Oakland .....\$647.00  
Rund Heater Co., S. F. .... 654.91  
Aladdin Heating Co., Oakland, 676.00  
Central Sheet Metal Works, Oakland ..... 695.00  
Bids held under advisement.

#### Bids Opened

AIRPLANE HANGAR Cost, \$10,000  
HUMBOLDT CO. AIRPORT, Calif. Three miles east of Eureka. Eight-plane hangar (60 x 85 ft.) of redwood timber construction with Teco connectors.

Owner—County of Humboldt (Fred M. Kay, Clerk).  
Architect—F. G. Georgeson, 537 G St., Eureka.

Structural Engineer—W. H. Ellison, 821 Market St., San Francisco.

Low Bidder—Mercer-Fraser Company, Eureka.

Complete bids follow:

Mercer-Fraser Co., Eureka .....\$12,737  
F. J. Maurer & Son, Inc., Eureka ..... 12,850

Halsby & Lax, Eureka ..... 13,49

Bids held under advisement until September 30.

Plans Being Figured — Bids Close September 24

MEDICAL BLDG. Cost, \$23,000  
MARYSVILLE, Yuba Co., Calif. H and Fourth Sts.

One-story frame and stucco medical building (offices, treatment rms., etc.) completely air-conditioned. Owner—Withheld.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Following is a partial list of contractors who have procured plans:

M. R. Peterson, 1116 O St., Sacramento.

Harry Robertson, 2004 F St., Sacramento.

Charles Unger, 2426 7th Ave., Sacramento.

#### CONTRACT AWARDED

SAN JOAQUIN CO., Calif.—John Hachman, P.O. Box 206, Stockton, at \$2,260, awarded contract by County of San Joaquin, Eugene D. Graham, County Clerk, for constructing a ferry tender's house at Mandeville Ferry, on the north side of Bacon Island, about 20 miles west of Stockton. Plans and specifications prepared by County Surveyor Julius B. Manthey. Bid forms obtainable at the office of the County Surveyor, Highway-Agriculture Bldg., Hazelton Ave. and B St., Stockton.

Complete bids follow:

John Hachman, Stockton .....\$2,260

J. A. Hachman, Stockton ..... 2,311

Vickroy Con. Co. .... 2,689

Tornell Co. .... 2,730

I. R. Drvden, ..... 2,732

George Roek ..... 2,847

All of Stockton.

**Contract Awarded**  
**BOILER** Cont. Pr., \$16,665  
**TALMAGE**, Mendocino County, Calif.  
 State Hospital.  
 Erection and completion of a new  
 300-hp. W.T. boiler in the boiler  
 plant, complete with foundations,  
 burner, breeching, piping and  
 other appurtenances required for  
 complete installation.  
 Owner—State of California.  
 Architect—Geo. B. McDougall, State  
 Architect, Public Works Building,  
 Sacramento.  
 Contractor—Walter S. Leland, Wal-  
 nut Creek.  
 Complete bids published Sept. 8th.

**Contract Awarded**  
**SMOKE STACK** Cont. Pr., \$6,500  
**TALMAGE**, Mendocino County, Calif.  
 State Hospital.  
 Erection and completion of a con-  
 crete smoke stack approximately  
 32 ft. in height and partly lined  
 with fire brick, and the removal  
 of two steel stacks.  
 Owner—State of California, Depart-  
 ment of Institutions.  
 Architect—Geo. B. McDougall, State  
 Architect, Public Works Building,  
 Sacramento.  
 Contractor—Carl N. Swenson, 355  
 Stockton Ave., San Jose.  
 Complete bids published Sept. 8.

**Bids Wanted—To Close Sept. 27, 11**  
**A. M.**  
**ADDITIONS** Est. Cost, \$41,289  
**SAN RAFAEL**, Marin Co., Calif.  
 Improvements and additions at the  
 County Farm; two-story and  
 part one-story concrete and stucco  
 employees' quarters, hospital  
 quarters and dining room, with  
 tile roof; superintendent's cottage,  
 laundry building addition;  
 remodel old superintendent's cot-  
 tage into nurses' quarters and re-  
 model old dining room into new  
 men's ward.  
 Owner—County of Marin.  
 Architect—N. W. Sexton, deYoung  
 Bldg., San Francisco.  
 Plans and specifications may be  
 obtained from the County Clerk upon  
 deposit of \$10.

**BIDS OPENED**  
**SAN FRANCISCO**—Grant - Marti-  
 nell Construction Co., 44 Mary St.,  
 at \$42,355, submitted low bid on gen-  
 eral work to Dept. of Public Works,  
 Room 251, City Hall, for construction  
 of Engine House No. 20 (48 x 92 ft.)  
 on the south side of Greenwich St.,  
 178 feet east of Steiner St.; of steel  
 frame construction, the roof, con-  
 crete masonry walls, wood frame re-  
 inforcing, cement and steel hose tower,  
 gas-fired steam plant.  
 Scott Co., 243 Minna St., at \$7,947,  
 submitted low bid on mechanical  
 work, and G. H. Armstrong, 1388 Van  
 Ness Ave. South, submitted low bid  
 on electrical work. Complete bids  
 follow:

<b>General Work</b>	
Grant-Martinelli Constr. Co.	\$42,355.00
Frank J. Reilly	42,371.00
Central Calif. Const. Co.	42,662.00
A. Nelson, Inc.	43,368.00
H. H. Larsen Co.	43,723.00
F. C. Amoroso & Sons	45,859.00
Manson Bros.	45,602.00
Leo Epp	46,477.00
DeLuca & Son, Inc.	46,686.00
Anderson & Ringrose	49,000.00
Peter Sartorio	49,300.00
<b>Mechanical Work</b>	
Scott Co.	7,947.00
O'Mara & Stewart, Ltd.	7,984.00
James H. Pinkerton	8,182.00
Corey & Joslyn	8,585.00
M. Deslano	8,977.00
<b>Electrical Work</b>	
G. H. Armstrong	2,370.00
Chas. A. Langlais	2,387.00
Crown Electric Co.	2,417.00

Abbett Electric Co.	2,500.00
B. J. Doherty	2,555.00
Central Electric Co.	2,690.00
Victor Lemoge	2,697.00
Matson Electric Co.	2,744.00
Atlas Elec. & Eng. Co.	2,845.00
Bids held under advisement.	

**Preparing Working Drawings**  
**LIBRARY, ETC.** Cost, \$1,000,000  
 S.A.L.E., Oregon.  
 Three-story state library and office  
 building (marble exterior, steel  
 sash, etc.)  
 Owner—State of Oregon.  
 Architects—Whitehouse and Church,  
 Bayway Exchange Bldg., Port-  
 land, and Trowbridge, Livingston  
 & Francis Keally, New York.  
 Further deals will be announced  
 shortly.

**14—RESIDENCES**

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO**, W Lagunitas Dr.  
 S Sloat Blvd.  
 Two - story and basement frame and  
 stucco residence.  
 Owner and Builder—Stoneson Bros.,  
 1 S Sloat Blvd.  
 Architect—Harold Stoner, 35 Vicente  
 Drive.

**Low Bidder** Cost, \$14,000  
**RESIDENCE**  
**BERKELEY**, Alameda Co., Cal. Yo-  
 semite Road.  
 Two - story frame and stucco resi-  
 dence (8 rooms, 3 baths) gas hot  
 air heating system, composition  
 roofing, etc.  
 Owner—Mr. Johnson.  
 Architect—Not Given.  
**Low Bidder**—L. E. Williams, c/o J.  
 Hudspeth, 1831 Arch St., Berke-  
 ley.

**Low Bidder** Cost, \$10,000  
**RESIDENCE**  
**SAN RAFAEL**, Marin Co., Calif.  
 1 1/2 Acre.  
 Two-story rustic residence (6 rms.,  
 3 baths), shake roof, oil heating  
 system, tile baths, hardwood  
 floors, etc.  
 Owner—Sydney Levy.  
 Architect—S. Heiman, 605 Market St.,  
 San Francisco.  
**Low Bidder**—D. W. Nicholson, c/o  
 Architect.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 Camino Ramon.  
 One - story frame and stucco resi-  
 dence (6 rooms).  
 Owner & Builder—Chas. G. Flied,  
 1132 Blewett St., San Jose.  
 Architect—Not Given.

**To Ask Bids Sept. 17—To Close**  
**October 4**  
**RESIDENCE** Cost, \$12,000  
**WOODLAND**, Yolo Co., Calif.  
 One - story frame and stucco resi-  
 dence (8 rooms, 2 baths), shingle  
 roof, gas furnace, hardwood  
 floors, tile baths, etc.  
 Owner—Dr. Edwin K. Copeland, 405  
 1st St., Woodland.  
 Architect—Dragon & Schmidts, 2068  
 Allston Way, Berkeley.

**Contract Awarded** Cost, \$25,000  
**RESIDENCE**  
**BURLINGAME**, San Mateo Co., Cal.  
 Chapin Lane  
 Two-story frame residence (10 rms.),  
 shingle roof, wood sash, hard-  
 wood floors, tile baths, etc.  
 Owner—Clarence Postley.  
 Architect—Gardner A. Dalley, 219  
 Post St., San Francisco.  
 Contractor—J. B. Oswald, 760 El Cer-  
 rito Ave., San Mateo.

**Contract Awarded** Cost, \$4,000 each  
**RESIDENCES**  
**SAN JOSE**, Santa Clara Co., Calif.  
 Bennett Way.  
 Two - story frame residences.  
 Owner—G. D. Cameron, 1071 Bennett  
 Way.  
 Architect—Not Given.  
 Contractor—H. D. Winingler, 900 Cal-  
 fornia Ave.

**To Ask Bids Sept. 17—To Close Oc-  
 tober 4**  
**RESIDENCE** Cost, \$6,500  
**WOODLAND**, Yolo Co., Calif.  
 One - story frame and rustic resi-  
 dence (5 rooms), shingle roof, gas  
 furnace, tile bath, hardwood  
 floors, etc.  
 Owner—J. M. Vickery, 602 Main St.,  
 Woodland.  
 Architect—Dragon & Schmidts, 2068  
 Allston Way, Berkeley.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$5,000 each  
**SAN FRANCISCO**, E Talbert North  
 Sunnyside Avenue.  
 Two one-story and basement frame  
 and stucco residences.  
 Owner and Builder—The Ruegg Co.,  
 369 Pine Street.  
 Architect—A. H. Larsen, 333 Kearny  
 Street.

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$  
**OAKLAND**, Alameda Co., Calif.  
 One - story frame and stucco resi-  
 dence (five rooms) wood shingle  
 roof, hardwood floors, tile baths  
 Owner—Clay Sherman, c/o Architect.  
 Architect—W. W. Wurster, 260 Cali-  
 fornia St., San Francisco.  
 Contractor—Willis F. Levin, 1037 Ash-  
 mount Avenue, Oakland.  
**Plumbing**—Henry E. Lee, 1736 Fifth  
 Ave., Oakland.  
**Electric Wiring**—Kerr & Clifford, 3525  
 E 14th St., Oakland.  
**Tile Work**—Brockhurst Tile Co., 2819  
 Shattuck Ave., Berkeley.  
**Glass**—W. P. Fuller & Co., 259 10th  
 St., Oakland.  
**Hardwood Floors**—Inland Floor Co.,  
 4067 Watts St., Oakland.  
**Foundations**—Triberti & Massaro, 885  
 43rd St., Oakland.  
**Lumber**—Hogan Lumber Co., 2nd and  
 Alice Sts., Oakland  
**Mill Work**—National Mill & Lumber  
 Co., 409 High St., Oakland.  
**Painting**—Pacific Painting and Deco-  
 rating Co., 5414 Telegraph Ave.,  
 Oakland.  
**Lathing & Plastering**—Murphy Bros  
 4925 Daisy St., Oakland.  
**Linoleum**—Higgins Co., 2335 Broad-  
 way, Oakland.

**BIDS WANTED**  
**TUOLUMNE CO.**, Calif.—Until Octo-  
 ber 5, 3 p.m. bids will be received  
 by the Public Utilities Commission,  
 Room 287, City Hall, for the construc-  
 tion of a cottage at O'Shaughnessy  
 Dam, Tuolumne County  
 Cottage will be of wood frame con-  
 struction, wood interior, shingle roof,  
 all supported on stone masonry and  
 concrete foundations; masonry plas-  
 ters and stone masonry fireplace.  
 Plans and specifications may be  
 obtained from Room 605, Water De-  
 partment Bldg., 425 Mason St., San  
 Francisco, upon deposit of \$10.

**Contract Awarded** Cont. Pr., \$11,646  
**RESIDENCE**  
**SACRAMENTO**, Calif. Robbins Cen-  
 ter.  
 Two - story frame and brick veneer  
 residence.  
 Owner—Edward Schranz, Jr.  
 Architect—Chas. Dean California  
 State Life Bldg., Sacramento.  
 Contractor—J. C. Morrison, Box 537,  
 Woodland.  
 Complete bids published Sept. 9

Plans Being Prepared  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda County, Calif.  
Montclair Highlands.  
One - story frame residence (4 rms.),  
rustic exterior, shingle roof, gas-  
fired central heating system. etc.  
Owner—Name withheld.  
Architect—Alfred C. Williams, 51 Ar-  
guello Blvd., San Francisco.

Contract Awarded  
DUPLICATE Cost, \$10,000  
STOCKTON San Joaquin Co., Calif.  
1235 N. Baker St.  
Two-story frame and stucco duplex  
(8 rooms).  
Owner—M. Tredway.  
Architect—Not Given.  
Contractor—C. L. Carlson, 807 North  
Madison St., Stockton.

Plans Being Figured  
RESIDENCE Cost, \$5,000  
NORTH BERKELEY, Alameda Co.,  
Calif. Yale Avenue.  
One - story residence (5 rooms), Red-  
wood board exterior, plaster in-  
terior, shingle roof, floor fur-  
nace, etc.  
Owner—W. R. Alexander.  
Architect—John B. Anthony, 2014  
Shattuck Ave., Berkeley.

Following is selected list of con-  
tractors who will submit bids. About  
one week will be allowed for figu-  
ring.  
L. Neilson, 1295 Hearst Avenue,  
Berkeley.  
Whalin Bros., 2942 23rd Ave., Oak-  
land.  
John Weston, 2507 26th Ave., San  
Francisco.  
Peppard & Wood, c/o Architect.

Plans Being Figured  
RESIDENCE Cost, \$7,000  
ANTIOCH, Contra Costa Co., Calif.  
1100 5th St.  
Two-story residence (6 rooms), red-  
wood board exterior, plaster in-  
terior, shingle roof, floor fur-  
nace, etc.

Owner—H. J. Bloomfield.  
Architect—John B. Anthony, 2014  
Shattuck Ave., Berkeley.  
Following is a selected list of con-  
tractors who will submit bids.  
About one week will be allowed for  
figuring.  
L. Neilson, 1295 Hearst Avenue,  
Berkeley.

Whalin Bros., 2942 23rd Avenue,  
Oakland.  
John Weston, 2507 26th Ave., San  
Francisco.  
Peppard & Wood, c/o Architect.

Plans Being Completed  
RESIDENCE Cost, \$16,500  
SAN FRANCISCO. Scott St. near  
Broadway.  
Two - story frame and stucco resi-  
dence (9 rooms, 5 baths), hard-  
wood floors, tile baths, composi-  
tion shingle roof, wood sash, etc.  
Owner—Ralph Levee.

Mgr. of Construction—Cyril Doane,  
49 Ries Way.  
Bids will be asked in about one  
week on a general contract.

Low Bidders  
RESIDENCE Cost, \$3  
PUEBLO, Alameda Co., Calif.  
Two - story frame and stucco resi-  
dence

Owner—O. O'Connor, c/o Architect.  
Architect—Clarence W. Mayhew, 6025  
Acacia St.  
Low bids were submitted by Olaf  
Peterson, 3626 Rhoda Ave., Oakland,  
and George Anderson, 211 Hanover  
St., Oakland.

Contract Awarded  
RESIDENCE Cost, \$10,000  
SACRAMENTO, Calif. 3680 W. Lin-  
coln Ave.  
Two-story frame residence

Owner—E. R. Gato, 913 45th Street,  
Sacramento.  
Architect—Not Given.  
Contractor—Roy Hess, 2200 P Street,  
Sacramento.

To Be Done By Day's Work  
RESIDENCES (2) Cost, \$10,000 each  
SAN FRANCISCO, Calif. S. Marina  
Blvd., W. of Fillmore St.  
Two 3-story and basement frame  
residences.  
Owner—B. Liebman, 3319 Fillmore  
St.  
Plans by I. Goldstein, 1200 Oak St.

Contract Awarded  
RESIDENCES (2) Cost, \$3,500 each  
OAKLAND, Alameda Co., Calif. 7506  
Foothill Blvd.  
Two 1-story frame residences (4  
rooms each)  
Owner—Sam Davis, 7506 Foothill  
Blvd., Oakland.  
Architect—Not Given.  
Contractor—C. J. Krattenmaker, 5322  
James Ave., Oakland. 144

Sub-Contracts Awarded  
RESIDENCE Cost, \$8,500  
MILLBRAE, San Mateo Co., Calif.  
Lot 4340 Hillcrest, Ashton Ave.  
One - story frame and stucco resi-  
dence.  
Owner—N. Schultz, Millbrae.  
Architect—Not Given.

Contractor—Schultz Construction Co.,  
11 Hillcrest Blvd., Millbrae.  
Plumbing—Scott Co., 243 Minna St.,  
San Francisco.  
Electric, Heating and Sheet Metal—  
Burlingame Electric Co., 219 El  
Camino, Millbrae.

Title Work—Scott Co., 243 Minna St.,  
San Francisco.  
Window Shades—Uneeda Shade Co.,  
155 Church St., San Francisco.  
Brick and Stone Work—Martin Nel-  
son, 2347 Army St., San Francisco  
Foundations—L. C. Sayre, 541 26th  
Ave., San Francisco.

Lumber—Millbrae Lumber Co., Mill-  
brae.  
Mill Work—Eureka Mill and Lumber  
Co., 3615 E 14th St., Oakland.  
Hardware—MacKillop Hdwe. Store,  
658 Clement St., San Francisco.  
Painting—Bay Region Painters, 1661  
Scott St., San Francisco.  
Lathing and Plastering—J. J. Pow-  
ers, 20th Ave., San Francisco.

Contract Awarded  
Contract Awarded  
RESIDENCE Cost, \$7,500  
SAN JOSE, Santa Clara Co., Calif.  
14th Fourth St.  
One-story frame and stucco resi-  
dence (6 rooms).  
Owner—M. DeMarco, 684 N. Fourth  
St., San Jose.  
Architect—Not Given.  
Contractor—V. J. Sunzeri, 176 N. 31st  
St., San Jose.

Sub-Contracts Awarded  
RESIDENCE Cost, \$17,056  
SAN MATEO, San Mateo Co., Calif.  
Baywood, Parrott Drive.  
Two - story frame and stucco resi-  
dence.  
Owner—V. K. Nagel.  
Architect—Chester H. Treichel, 696  
Cleveland St., Oakland.  
Contractor—Henry Voelker, 805 Win-  
chester Ave., Burlingame.  
Roofing and Shingling—Henry Baer,  
Garfield and 28th Avenues, San  
Mateo.

Plumbing—Herbert K. Lauder, 218  
Lorton, Burlingame.  
Electric Wiring—Medley Elec. Co.,  
1163 Broadway, Burlingame.  
Heating and Sheet Metal—Edward  
Sterger, 45 B St., San Mateo.  
Tile Work—Benetti Tile Co., 906 No.  
Humpholt St., San Mateo.  
Glass—San Francisco Glass Co., 5234  
Mission St., San Francisco.  
Grading—J. S. Baker, 740 Farrington

Lane, Burlingame.  
Foundations and Concrete—G. Braga-  
to & Co., 363 N Eldorado St., San  
Mateo.  
Lumber—Smith Lumber Co., Fourth  
and Channel Sts., San Francisco  
Mill Work—Lannom Bros. Mfg. Co.,  
Oakland.  
Lathing and Plastering—Ward Bros.,  
Burlingame.

Contract Awarded  
RESIDENCE Cost, \$6,500  
OAKLAND, Alameda Co., Cal. 5362  
Proctor Avenue.  
One - story and basement frame and  
stucco residence (6 rooms).  
Owner—M. Duignan, 3621 E 12th St.,  
St., Oakland.

Oakland.  
Architect—Not Given.  
Contractor—A. L. Peters, 223 Duncan  
Sub-Contracts Awarded  
RESIDENCE Cost, \$22,500  
SAN JOSE, Santa Clara Co., Calif.  
University Drive near Dana St.  
Two - story frame and stucco resi-  
dence (11 rooms).  
Owner—J. Derrol Chace, Commercial  
Bldg., San Jose.  
Architect—Not Given.  
Contractor—Nielsen and Erbentraut,  
42 Hollywood Ave., San Jose.

Roofing—Bush Roofing Company.  
Plumbing—A. J. Peters & Son.  
Electric Wiring—Roy Butler.  
Heating—A. J. Peters & Son.  
Sheet Metal—Farmers' Union.  
Tile Work—Thos. H. Grier Co.  
Hardwood Floors—Best Floor Co.  
Brick and Stone Work—S. F. Prouty.  
Grading—J. C. Bateman.  
Lumber—Chas. Lumber Co.  
Mill Work—Pacific Mfg. Co.  
Hardware—San Jose Hardware Co.  
Painting—Travers Kuntz.  
Lathing and Plastering—Magers and  
Carlson.

Contractor—J. C. Bateman.  
All of San Jose.

To Be Done By Day's Work  
RESIDENCE Cost, \$7,000  
PALO ALTO, Santa Clara Co., Calif.  
2302 Bryant St.  
One - story frame and stucco resi-  
dence (6 rooms).  
Owner & Builder—O. R. Ogren, 1810  
Fulton St., Palo Alto.  
Architect—Not Given.

Plans Being Completed  
RESIDENCE Cost, \$25,000  
ATHERTON, San Mateo Co., Calif.  
One - story frame and stucco resi-  
dence (10 rooms, 4 baths), shingle  
roof, hot water heating system,  
tile baths, etc.  
Owner—Name Withheld.  
Architect—Erie J. Osborne, 251 Kear-  
ny St., San Francisco.

Bids will be taken within a few  
days from a selected list of contrac-  
tors.

Sub-Bids Being Taken  
RESIDENCE Cost, \$7,000  
SAN JOSE, Santa Clara Co., Calif.  
Nevada Avenue.  
Two - story frame and stucco resi-  
dence (6 rooms) composition roof,  
gas furnace, hardwood floors.  
Owner—Mr. Lelase.  
Architect—Edw. Kress, First National  
Bank Bldg., San Jose.  
Contractor—Selected, but Withheld.

To Ask Bids Within Few Days  
RESIDENCE Cost, \$.....  
MARIETTA, Tamalpais Valley.  
One - story frame and stucco resi-  
dence (5 rooms) hardwood floors,  
tile baths, shingle roof, floor fur-  
naces, wood sash.  
Owner—L. L. Commy, 509 Sansome  
St., San Francisco.  
Architect—Mario Corbett, 72 3rd Ave.,  
San Mateo.

**Contract Awarded**  
RESIDENCE Cost, \$9,747  
ALAMEDA, Calif. Fernside Tract.  
Two-story and basement frame and stucco residence.  
Owner—A. C. Carrington, 1720 Cornell Road, Alameda.  
Architect—Kent & Hass, 525 Market St., San Francisco.  
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

**To Ask Bids Within Few Days**  
RESIDENCE Cost, \$5,000  
SAN ANSELMO, Marin Co., Calif.  
One-story California ranch house of frame and stucco and brick veneer construction, shake roof, wood and steel sash, hardwood floors, tile baths.  
Owner—Withheld.  
Architect—Mario Corbett, 72 3rd Ave. San Mateo.

**Contract Awarded**  
RESIDENCE Est. Cost, \$5,000  
HAYWARD, Alameda County, Calif. Hampton Road.  
One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, hot air heating system, wood sash.  
Owner—Withheld.  
Architect—Geo. Patton Simonds, 80 Main St., Hayward.  
Contractor—Parsons & Williams, 2268 80th Ave., Oakland.

**Preparing Preliminary Plans**  
RESIDENCE Cost, \$4,500  
SAN JOSE, Santa Clara Co., Calif.  
One-story frame residence (5 rooms), rustic exterior, wall board interior, tar and gravel roof, etc.  
Owner—Name withheld.  
Architect—George Patton Simonds, 80 Main St., Hayward

**Contract Awarded**  
RESIDENCE Cost, \$17,000  
SAN FRANCISCO, Calif. N. Vallejo St., W. Leavenworth.  
Three-story and basement frame and stucco residence.  
Owner—E. Mauberrert, 1706 Broadway  
Architect—J. Kendall Masten, 2320 Lake St.  
Contractor—Gerrit Harder, 632 44th Ave.

**Contract Awarded**  
ALTERATIONS Cost, \$5,897  
SAN FRANCISCO, Calif. Hyde and Lombard Sts.  
Alterations to residence.  
Owner—T. B. Metcalf, 1098 Lombard Street.  
Architect—E. T. Spencer, 369 Pine Street.  
Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
RESIDENCES Cost, \$4,000 each  
SAN FRANCISCO, Calif. W. St. Charles, N. Palmetto.  
Two-story and basement frame and stucco residences.  
Owner—W. A. Robison.  
Plans by L. A. Berg, Mills Bldg.  
Contractor—Prorerty Improvement Co., 919 Fell St.

**To Ask Bids In One Week**  
RESIDENCE Cost, \$5,000  
FODI, San Joaquin Co., Calif.  
One-story frame and stucco residence (5 rooms), rustic exterior, shingle roof, gas furnace, tile bath, hardwood floors, etc.  
Owner—Name withheld.  
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.

**Low Bidders**  
RESIDENCE Cost, \$  
SAN JOAQUIN CO., near Lodi.  
Two-story stucco and rustic residence (8 rooms), wood shingle roof, wood sash, hardwood floors, linoleum baths, oil-burning heat

Owner—Withheld.  
Architect—Victor Galbraith, 221 E. Acacia St., Stockton.  
Low Bidder—Alex A. Walters & Son, 516 E. Lodi Ave., Lodi.  
Second low bid was submitted by R. G. Polson, Stockton.  
Bids held under advisement.

September 10, 1937.  
**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,000  
SAN JOSE, Santa Clara Co., Calif. 1790 Emory St.  
One-story frame residence (6 rooms).  
Owner & Builder—A. R. Calvelli, 1625 Emory St., San Jose.  
Architect—Not Given.

**Plans Being Figured — Bids Close**  
September 25, 12 Noon  
RESIDENCE  
LAFAYETTE, Contra Costa Co., Cal.  
One-story frame and stucco residence (7 rooms), oil-fired hot air heating system, steel sash, composition roof, etc.  
Owner—Dr. Robert A. Brady, Berkeley.  
Architect—R. J. Neutra, 251 Kearny St., San Francisco.

September 14, 1937.  
**Contract Awarded**  
RESIDENCE Cost, \$6,000  
SACRAMENTO, Calif. 2777 Harkness Way.  
One-story frame and stucco residence.  
Owner—A. B. Collier.  
Architect—Not Given.  
Contractor—N. Martinelli, 3168 Riverside Blvd., Sacramento.

**Preparing Working Drawings**  
RESIDENCE Cost, \$7,000  
WEAVERVILLE, Trinity Co., Calif.  
One-story frame residence (6 rooms), wallboard interior, oil hot air heating system, etc.  
Owner—E. J. Regan, Weaverville.  
Architect—Not Given.  
Bids will be taken in three weeks.

**Sub-Bids Being Taken**  
RESIDENCE Cost, \$7,500  
SAN FRANCISCO, Merced Manor, 23rd Ave. near Ocean Ave.  
One-story frame and stucco residence (5 rooms) French style; tile bath, composition shingle roof, air conditioning system, etc. (Bid 5 of a group of 12 residences).  
Owners—C. O. Clausen & L. S. Hamlin.  
Architect—C. O. Clausen, 746 46th Avenue.  
Contractor—O. K. Holt, 3957 Army St.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,500  
OAKLAND, Alameda Co., Calif. 6564 Liggett Drive.  
One-story frame and stucco residence (7 rooms).  
Owner and Builder—Paul E. Woodburn & Son, 624 Prospect Ave., Oakland.  
Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$1,000  
CARMEL, Monterey Co., Calif. Seaside Drive.  
Two-story reinforced concrete, frame and stucco residence (10 rooms, four baths), asbestos colored shingle roof, gas heating system (forced air), 2 tile baths and 2 linoleum and lath and plaster baths, etc.  
Owner—Name withheld.  
Architect—Milton Latham, Carmel.  
Contractor—Harold Geyer, 574 Main St., Monterey.

**To Be Done By Day's Work**  
DUPLEX Cost, \$6,000  
SAN JOSE, Santa Clara Co., Calif. South 15th Street.

One-story frame duplex.  
Owner and Builder—Morton Hevru, 39 S 34th St., San Jose.  
Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$8,000  
SAN JOSE, Santa Clara Co., Calif. Willow Glen Way nr. Bird Ave.  
One-story and basement frame and stucco residence (6 rooms).  
Owner and Builder—Antonio Sorli-Bi, Diams Ave., Morgan Hill.  
Architect—Not Given.

**Con. act Awarded**  
RESIDENCE Cost, \$9,286  
SACRAMENTO, Calif. Wright and Kimbrough Tract.  
Two-story frame residence.  
Owner—Madeline Ostoja.  
Architect—Not Given.  
Contractor—Lawrence Constr. Co., 5372 Ninth Ave., Sacramento

RESIDENCE Cost, \$9,000  
SAN MATEO, Calif. Harvard Road  
One-story frame residence.  
Owner—A. H. Lowe, 77 Wilborough, Burlingame.  
Architect—Not Given.  
Contractor—C. H. Bessett Building Co., 526 Walnut, Burlingame

**15—SCHOOLS**

**Bond Election**  
HIGH SCHOOL Cost, \$  
SAN JOSE, Santa Clara Co., Calif. Phelan Tract, south end 10th St.  
New high school.  
Owner—San Jose Union High School District.  
Architect—Not Selected.

An election will be held Feb. 1, proceeds to finance construction of the new high school.

**Bond Election**  
HIGH SCHOOL Cost, \$  
SAN JOSE, Santa Clara Co., Calif. West Side.  
New high school building.  
Owner—San Jose Union High School District.  
Architect—Not Selected.

An election will be held Feb. 1, proceeds to finance construction of the new high school building.

**BID OPENING DATE POSTPONED**  
SAN FERNANDO VALLEY, Cal.—The bid opening date for a dormitory building to be built on a 40-acre site in San Fernando Valley, for a boys' home under the patronage of the Catholic Eye Brothers, has been postponed until Friday, Sept. 17th. Barker & Ott, architects, 624 S. La Brea Ave. The following revised list of contractors will submit bids: J. E. Roagan, 8129 Blackburn Ave.; W. W. Peley, 624 S. La Brea Ave.; Harman-Pacific Co., 422 E. 3rd St.; R. J. Chute, 1921 11th Ave.; Stoltz Constr. Co., 9571 Wilshire Blvd. R. H. Parr, 206 W. 112th St.; K. R. Bradley, 1833 W. Thier; all of Los Angeles; O. R. Mutter, 2999 Duarte Rd., San Marino.

**Sub-Contracts Awarded**  
SCHOOL, ADDN Cost, \$  
NEAR SACRAMENTO, Calif. S. J. Grammar School.  
Three-room frame and stucco residence, addition to school, electric heating system, shingle roof.  
Owner—Sylvan Elementary School District.  
Architect—Charles P. Deery, 2900 Union State Bldg. Bldg. Englewood, B. W. K. Co., 2215 1st St., Berkeley.  
Contractor—J. J. G. Co., 1111 Sacramento St., Sacramento.  
Millwork—M. A. P. Co., 1111 Sacramento St., Sacramento.  
Plaster—W. A. Co., 329 Broadway St., Plumbing With a Block, 954 1st St. Electric Wiring—E. B. Co., 1111 Sacramento St., Sacramento.

G Street.  
**Sheet Metal**—McLaughlin Sheet Mtl. Co., 1914 Eye St.  
**Tile**—H. A. Adams, 911 26th St.  
**Glass and Glazing**—W. P. Fuller and Co., 1013 12th St.  
**Painting**—E. H. Sprague, 2202 H St.  
**Window Hardware**—T. Scollan, 2919 T Street.  
**Black Boards**—Stanley Hook, 2680 Curtis Street.  
**Concrete**—H. Fields.  
**Steel**—Palmer Iron Works, P. O. Box 746.  
 All of Sacramento.

#### BONDS VOTED

**PASO ROBLES**, San Luis Obispo Co., Cal.—Shandon Union High Sch. District voted bonds in the amount of \$30,000 September 3, proceeds to finance construction of a gymnasium, assembly hall and work shop at the Shandon High School.  
 (3051) 1st report Aug. 18, 1937.

**Contract Awarded**  
**BOILER BLDG.** Cont. Pr., \$5,205  
**LIVINGSTON**, Merced Co., Calif.  
 Small building to house steam boiler.  
**Owner**—Livingston Grammar School District.  
**Architect**—A. O. Johnson, 730 Sir Francis Drake Hotel, San Francisco.  
**Contractor**—Ed H. Wolfe, 142 South First St., Turlock.

#### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Steed Bros., 942 E Main St., Alhambra, awarded contract at \$40,930 for construction of Units Nos. 1, 2 and 3 at Lowell school. Unit No. 1 will be a one-story cafeteria, classroom, administration and library unit, 36x138 ft., frame and stucco, wood sash, tile and composition roof, forced-air hgt. Units 2 and 3 will consist of the demolition of two brick classroom buildings and reconstructing them, using frame and stucco. Richard M Bates 3679 Wilshire Blvd., Los Angeles, architect.

#### BID OPENING POSTPONED

**EAGLE ROCK**, Los Angeles Co., Cal.—Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., announce that the time for opening bids for Belle Wilber Thorne Hall, to be built at Occidental College in Eagle Rock, has been postponed until 4 P. M., Sept. 16.

#### BIDS WANTED

**ALHAMBRA**, Los Angeles Co., Cal.—Until Oct. 4, 8 P. M., bids will be received by the Alhambra City School District for reconstruction of heating and ventilating system at Fremont school. Plans obtainable at 601 N. Garfield Ave., Alhambra, upon deposit of \$10. Certified or cashier's check or bond for 5% required.

#### CONTRACT AWARDED

**SAN FRANCISCO**—Alta Roofing Co., 976 Indiana St., at \$307.50, was awarded contract by Dept. of Public Works, for installing tar roof at the Junipero Serra School, Highland Ave. and Holly Park Circle.

**Plans Awaiting Approval**  
**HIGH SCHOOL** Cost, \$57,765  
**POINT ARENA**, Mendocino Co., Cal.  
 One - story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and auditorium to seat 300.  
**Owner**—Point Arena Union High Sch. District.

**Architect**—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
 Plans have been forwarded to the State Division of Architecture, Sacra-

mento, and upon approval bids will be asked.

**Plans Awaiting Approval**  
**SCHOOL ADDITION** Cost, \$140,000  
**BERKELEY**, Alameda Co., Calif. NE  
 Milvia and Virginia Sts.  
 Whittier Elementary School addition of approximately 13 classrooms, principal's office, cafeteria, rest rooms, lavatories, and an auditorium.

**Owner**—Berkeley Unified School District.  
**Architect**—P. L. Dragon and C. R. Schmidts and E. R. Hardman and G. Officer, 2068 Allston Street, Oakland.

Plans have been forwarded to the State Division of Architecture, Sacramento, and upon approval bids will be asked.

**Preliminary Plans Approved**  
**SCHOOL** Est. Cost, \$300,000  
**EL CERRITO**, Contra Costa Co., Cal.  
 El Cerrito High School.  
**Owner**—Richmond Union High School District (Walter T. Helms, Superintendent of Schools).  
**Architects**—Dragon & Schmidts, 2068 Allston Way, Berkeley.  
 Working drawings will be started shortly.

**Preparing Working Drawings**  
**ADDITION** Cost, \$50,000  
**ALBANY**, Alameda Co., Calif.  
 Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.  
**Owner**—Albany High School District.  
**Architect**—Dragon & Schmidts, 2068 Allston Way, Berkeley.  
 Plans will be ready for bids about December 1st.

**Plans Awaiting Approval**  
**SCHOOL** Est. Cost, \$36,364  
**STEVENSON**, Merced Co., Calif.  
 One - story frame and stucco school building, concrete foundations, corridors, floors and toilet room floors; four classrooms, activity classroom and assembly with stage, office and toilet facilities; wood roof with tile covering, metal lath or gypsum wall board interior.

**Owner**—Merquin Union School Dist., Merced Co.  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento.  
**Structural Engineer**—F. W. Kellberg, 329 Market St., San Francisco.

Plans have been forwarded to the State Division of Architecture, Sacramento, and upon approval, bids will be asked.

**PWA** allotted funds in the amount of \$36,364, including grant of \$16,364, at loan of \$20,000, to finance work. (1110) 1st report Nov. 27; 2nd, Sept. 1, 1937.

**Sub-Contracts Awarded**  
**ADDITION** Cont. Pr., \$6,480  
**PAJARO**, Monterey County, Calif.  
 One classroom and arcade addition to the Pajaro School.  
**Owner**—Pajaro Grammar Sch. Dist.  
**Architect**—Charles E. Butner, 7 Winham St., Salinas.  
**Contractor**—P. T. Wallstrum, Watsonville.

**Roofing**—Central Supply Co., Watsonville.

**Plumbing**—P. J. Friermuth Company, Watsonville.

**Electric Wiring**—Just Rite Elec. Co., Watsonville.

**Heating and Sheet Metal**—P. J. Friermuth Co., Watsonville.

**Glass**—Electric Planing Mill, Stockton.

**Window Shades**—Gill Mann Co., 160 2nd St., San Francisco.

**Hardwood Floors**—E. Strawn, Watsonville.

**Iron Grille Work**—Engfer Iron Wks.,

San Jose.  
**Grading and Foundations**—Rhodes & Picanso, Watsonville.  
**Lumber**—Hayward Lumber Co., Wat Mill Wok—Elec. Planing Mill, Stockton.  
**Painting**—Ayes Co., Salinas.  
**Lathing and Plastering**—Jas. Mortensen, Watsonville.  
**Concrete**—Rhodes & Picanso, Watsonville.

**BIDS WANTED**  
**LOS ANGELES**, Calif.—Until Sept. 15, 2 p.m., bids will be received by Los Angeles Board of Education for construction of an auditorium building, a shop building and a classroom building at the Western District high school. All three buildings will be let under one contract, but separate bids will be taken for each unit; reinforced concrete, Class A construction, composition roof, steel sash, tile and marble work, steam heating system; estimated cost, \$199,000. H. L. Gogerty, 6872 Yuca St., and C. E. Newberry, 210 L. A. Railway Bldg., architects; O. W. Ott, mechanical engineer; Clayton T. Gibbs, electrical engineer.

#### BIDS REJECTED

**FILLMORE**, Ventura Co., Calif.—Fillmore Union High School District rejected all general contract bids for construction of a science building and a junior high school building in Fillmore. It was previously announced that the general contract would be awarded Brunzell & Jacobson. New general contract bids will be asked soon, to be opened in about two weeks. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles, architects.

**Work Cancelled**  
**ADDITION** Cost, \$.....  
**LODI**, San Joaquin Co., Calif.  
 One - room addition to Garfield Sch. (brick veneer construction).  
**Owner**—Lodi Grammar School District.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

On bid opening, lowest bid was submitted by the Acme Construction Co., Oakland, at \$9,800.

#### BIDS WANTED

**FILLMORE**, Ventura Co., Calif.—Until Sept. 27, 7:30 P. M., new general contract bids will be received by Fillmore Union High School District for construction of a science building and a junior high school building in Fillmore. Both structures will be one-story, containing eight classrooms each; reinforced concrete walls and roof slabs, painted exterior, terra cotta tile, exterior trim, tile roof, steel windows. John C. Austin and Frederic M. Ashley, architects, Chamber of Commerce Building, Los Angeles.

#### BIDS WANTED

**LOS ANGELES**, Cal.—Until Sept. 24, 2 P. M., bids will be received by Los Angeles Board of Education for completion of cafeteria and student union building at the Los Angeles Junior College, 855 N. Vermont Ave. Est. cost, \$28,000. Allison and Alvion, Edison Bldg., architects.

**Sub-Contracts Awarded**  
**SCHOOL ADDN** Cont. Pr., \$14,670  
**TULARE**, Tulare Co., Calif.  
 One - story concrete addition (three classrooms) to the Lincoln Grammar School; composition roof.  
**Owner**—Lincoln Elementary School District.  
**Architect**—W. D. Coates, Rowell Bldg., Fresno.  
**Contractor**—Richmond Const. Co.  
**Roofing**—C. E. McMullin Co., Fresno  
**Plumbing & Sheet Metal**—R. E. Roun-

saville, Tulare.  
 Electric Wiring—Tulare Electric Co., Tulare.  
 Lumber and Mill Work—Blackstone Planing Mill, Fresno.  
 Lathing and Plastering—W. M. Bishop, Porterville.  
 Concrete—Central Valley Const. Co., Fresno.

**LOW BIDDER**

LOS ANGELES, Cal.—H. F. Miller, 7530 S Hobart Blvd., submitted low bid to Los Angeles Board of Education at \$84,900, for construction of the central portion of the administration building at the Abraham Lincoln high school. Albert C. Martin, 233 Higgins Bldg., architect.

Plans Awaiting Approval  
**AUDITORIUM**—Est. Cost, \$120,000  
**KING CITY, Monterey Co., Calif.**  
 New High School Auditorium building; stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1000, flyer, toilet facilities, closets, choker room, ticket room, etc.  
 Owner—King City High School Dist. Architect—Robert Stanton, Hotel Del Monte, Del Monte.

PWA allotted grant in the amount of \$54,000, Docket No. 1591, to assist in financing.

Plans have been forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

September 10, 1937.

**Bids Opened**  
**CLASSROOM BUILDINGS**

Est. Cost, \$4,500  
**KERN CO., Calif.** Vineland School District.

Three frame temporary classroom buildings.

Owner—Vineland School District. Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

Law—A. P. Aston, Bakersfield.

Complete bids follow:

A. P. Aston, Bakersfield.....	\$5,110
Andrew Archibald, Altadena.....	5,886
O. N. Harvey, Bakersfield.....	5,892
J. D. Williams, Bakersfield.....	6,200
Alva Hackney, Bakersfield.....	6,235
J. M. Gannon, Bakersfield.....	6,520

J. Carter & Fowler, Bakersfield, at \$2,110, submitted only bid for one unit.

Bids held under advisement.  
 (3981) 1st report Aug. 24, 1937.

Plans Contract Awarded  
**ALTERATIONS**—Cost, \$18,700  
**SAN FRANCISCO.** Stockton and Market Sts.

Rear interior of fifth floor of store building and install fixtures.

Owner—Eugene Bros. Inc.

Architect—A. Bert F. Williams, 251 Post St.

Contractor—L. & E. Emanuel, Inc., 2665 Jones St.

Class—Crawe Glass Co., 675 Golden Gate Ave.

Work Cancelled

**ADDITION**—Cost, \$.....

**LODI**, San Joaquin Co., Calif.

Additions and alterations to Emerson School.

Owner—Lodi Grammar School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

On bid opening, lowest bid was submitted by E. T. Wisner, Lodi, at \$2,939.

**Low Bidder**

**INDUSTRIAL ARTS BLDG.**

Est. Cost, \$75,000

**HUNTINGTON BEACH, Orange Co., Calif.**

One-story steel frame industrial arts building (146 x 101 ft.), steel studs, metal lath and plaster exterior, wood wainscoting, and

plaster interior, cement and wood floors, steel windows, sawtooth type null construction roof, gas unit heating system.

Owner—Huntington Beach Union High School District.  
 Architect—Allison & Allison, 1014 Edison Bldg., Los Angeles.  
 Low Bidder—Duff & Vanderhoogen, 733 W. 14th St., Long Beach—\$83,616.

**BIDS WANTED**

**SAN FRANCISCO**—Until Sept. 29, 2:30 p.m., bids will be received by Department of Public Works, Room 251, City Hall, for general construction of yard work at the Bay View School, Bay View Street, between Pomona and Flora Sts. Estimated cost, \$4,000.

Plans and specifications may be obtained from Chas. H. Sawyer, City Architect, Room 265, City Hall, upon deposit of \$5.00.

**New Bids Wanted—To Close October**

22, 8 P. M.

**SHOP BLDG.**—Est. Cost, \$8,000

**DANVILLE, Contra Costa Co., Calif.**

Alamo Road.

One-story frame shop building addition to San Ramon Valley High School.

Owner—San Ramon Union High School District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

On and opening Sept. 10th, following bids were received:

S. H. Johnson, Danville.....\$12,043

Robert McCarthy, S. F.....14,838

Emil Person, Berkeley.....16,068

Bids were rejected by the board as being too high. Slight revisions will be made in the plans and new bids will be opened Oct. 22, 8 p.m.

Plans Being Completed

**SCHOOL**

**SAN JOAQUIN CO., Calif.** Three

miles north of Lodi (Huston

Grammar School).

One-story school building (5 classrooms and auditorium), tile roof.

Owner—Huston Grammar School District.

Architect—Victor Galbraith, 221 E. Arcadia St., Stockton.

Plans will be forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

**Plans Being Prepared**

**HIGH SCHOOL**—Total Cost, \$1,250,000

**HONOLULU.** T. H. King Street.

Group building high school buildings.

Owner—Wallace R. Farrington High School.

Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.

The first unit for which plans are now being prepared will be completed by September, 1938. Estimated cost, \$260,000.

**Plans Being Figured—Bids Close**

Sept. 23, 8 P. M.

**SCHOOL**—Est. Cost, \$7,500

**KERN CO., Calif.**

One-story Class A reinforced concrete classroom building.

Owner—Edison School District.

Architect—Franklin & Kump, Habersfeld Bldg., Bakersfield.

Structural Engineer—Mark Falk, Washington Bldg., Los Angeles.

Plans and specifications may be obtained from the architect.

**Excavation Started**

Cost, \$35,000

**PIEDMONT, Alameda Co., Cal.** Lake

and Linda Streets.

Addition to Beach elementary school (add three classrooms, kindergarten, girls' toilet room and hall).

Owner—Piedmont Elementary School

District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.  
 Work is being done by WPA labor.

**Contract Awarded**

**SCHOOL**—Cont. Pr., \$3,662

**SANTA CLARA CO., Calif.** North

side Gish Road, near Oakland

Highway.

One-story frame two-room school building on the grounds of the existing schoolhouse site.

Owner—Orchard School District (J. O'Brien, Clerk).

Architect—Chas. McKenzie, 420 Twoby Bldg., San Jose.

Contractor—J. Gohranson, Rt. 2, Box 231, San Jose.

Complete bids follow:

J. Gohranson, San Jose.....\$3,662

M. W. Reese.....3,978

Dyke Walton.....4,070

Henry Bolon.....4,210

Megan & Newell.....4,821

Ward & Son.....4,855

Carl Swenson Co.....4,690

Bridges Constr. Co.....4,819

E. A. Hathaway.....5,064

F. C. Nelson.....5,158

All of San Jose.

**SUB BIDS WANTED**

**UPPER LAKE, Lake Co., Calif.**—

W. F. Dreyer & Son, 240 Atlas Way,

Napa, desires sub bids on all portions of the work for the construction of the Upper Lake Union Sch. District, for which bids will be opened Sept. 17, 8 p.m.

Plans prepared by Architect Williams Herbert, Rosenberg Building, Santa Rosa.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—I. B. Nicholson,

438 Chamber of Commerce

Bldg., awarded contract by Los Angeles Board of Education, at \$50,499,

for strengthening and reconstruction of main building at the Raymond Avenue school; Harold S. Johnson, 1001 Architects' Bldg., architect.

**LOW BIDDERS**

**HUNTINGTON BEACH, Orange**

**Co., Calif.**—Duff & Vanderhoogen,

733 W. 14th St., Long Beach, submitted low general contract bid to the Huntington Beach Union High Sch. District, at \$63,616, for boys' industrial arts building to be built at Huntington Beach High School. Other low bids were: Heating and ventilating, Joe Welsh, Santa Ana; plbg., Pacific Plumbing Co., 313 N. Ross St., Santa Ana; electric wiring, Cave El Co., 2107 N. Ross St., Santa Ana.

The bids were held under advisement. Building will be 1-story, 146x101 ft., of light steel frame construction, steel studs, metal lath and plaster exterior, wood wainscoting and plaster interior, concrete wood floors, steel windows, sawtooth type null construction roof, composition roof, gas unit heating, ventilating system, interior tile. Allison & Allison, architects, 1014 Edison Bldg., Los Angeles.

**BIDS WANTED**

**FILLMORE, Ventura Co., Cal.**—Until

Sept. 27, 7:30 P. M., new general contract bids will be received by the Fillmore Union High School District for construction of a science building and a junior high school building in Fillmore. Both structures will be 1-story, containing eight classrooms each; reinforced concrete walls and roof slabs, painted exterior, terra cotta tile, exterior trim, tile roof, steel windows. John C. Austin and Fred E. Ashby, Chamber of Commerce Bldg., Los Angeles, architects. Bids on heating and cooling will be asked for opening Oct. 4 (tentative date).

## Plans Being Figured—Bids Close

Sept. 25, 1 P. M.

**SCHOOL.** Est. Cost, \$60,000  
**LOYALTON,** Sierra Co., Calif.

One-story frame school building (12 classrooms and assembly hall), concrete foundation, single roof.

Owner—Loyalton School District.  
 Architect—W. E. Coffman, Forum Bldg., Sacramento.

Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of \$10.00.

**CONSTRUCTION TO START**

**MANHATTAN BEACH,** Los Angeles Co., Calif.—The Manhattan Beach City School District will start work immediately on the first unit of a new school plant to be built at the southeast corner of Fourteenth St. and Pacific Avenue, Manhattan Bch., a WPA project. Sterling Jeffers, at site, will supervise the work. It will be a 1-story structure and will contain 4 classrooms, toilets, frame and stucco, composition roof, wood and steel sash, concrete and maple floors, gas-steam radiators, steel doors, tile work, wood toilet partitions. A garage to house two school buses will also be built; frame and stucco composition roof, 30 x 40 ft. in area, concrete floor, sliding doors. Additional units to be built upon completion of Unit No. 1 include a kindergarten and classroom building, an administration building and a 4-classroom building. Cost of the first two units is estimated at \$108,569, of which the WPA contribution is \$62,920. Plumber, Wurdeman & Becket, architects, 1400 Pacific Finance Bldg., Los Angeles.

**PROJECTS APPROVED**

**WASHINGTON**—The PWA recently approved the following projects in the State of Washington:

**WENATCHEE:** Three schools, estimated cost, \$270,000; Architect E. W. Morrison, Textile Tower, Seattle.

**FORT STELLACOOM:** State Hospital Bldg., estimated cost, \$28,200. Architects Heath Grove and Bell and Mack and Morrison, Perkins Bldg., Tacoma. Owner, State of Washington.

**KALAMA:** High school, estimated cost, \$90,999. Owner, School District 128, Cowlitz County.

**SNOHOMISH:** Junior High School, estimated cost, \$145,000. Architect William Mallis, Lyon Bldg., Seattle. Owner, School District 329.

**MT VERNON:** Grade school, estimated cost, \$181,818. Architect N. Tolbert, 615 Bellevue N. Seattle. Owner, School Dist. 306, Skagit County.

**STANWOOD:** High School, estimated cost, \$99,440. Architect Earl W. Morrison, Textile Tower, Seattle. Owner, School Dist. 333, Snohomish County.

**EPHATA:** Grade School, estimated cost, \$76,000. Architect George M. Basque, Washington Trust Building, Spokane. Owner, Grant School Dist. 115, Grant County.

**CONCRETE:** Grade School, etc., estimated cost, \$60,000. Architect Wm. Mallis, Lyon Bldg., Seattle. Owner, Concrete Consolidated School District 115.

**OLYMPIA:** Addition to school, estimated cost, \$135,000. Architect Jos. H. Wohleb, Chambers Bldg., Olympia. Owner, Olympia Consolidated School District 320.

**PORT ORCHARD:** Gymnasium and shop, estimated cost, \$53,000. Architect Fred E. Stephen, Smith Tower, Seattle. Owner, South Kitsap Union High School Dist. 5.

**WOODLAND:** Addition to School, estimated cost, \$55,000. Architect

William Mallis, Lyon Bldg., Seattle. Owner, School District 131, Cowlitz County.

**SILVER LAKE:** Schol. Estimated cost, \$53,000. Architect E. W. Morrison, Textile Tower, Seattle. Owner, School District 331, Snohomish Co.

**TOUTLE LAKE:** School, estimated cost, \$82,000. Architect C. N. Freeman, Concord Bldg., Portland. Owner, School Dist. 130, Cowlitz County.

**BELLEVEUE:** Additions to High School, estimated cost, \$50,909. Architect Wm. Mallis, Lyon Bldg., Seattle. Owner, School Dist. 5, King County.

**WELLPINIT:** School, estimated cost, \$53,000. Architect G. M. Basque, Washington Trust Bldg., Spokane. Owner, School District 49, Stevens County.

**BREMERTON:** Library, estimated cost, \$56,900. Architect Wm. Mallis, Lyon Bldg., Seattle. Owner, City of Bremerton.

**DUPONT:** Additions to School, estimated cost, \$90,000. Architect Wm. Mallis, Lyon Bldg., Seattle. Owner, School Dist. 7, Pierce County.

**MAYBON:** School, estimated cost, \$72,200. Architect J. W. Maloney, Larson Bldg., Yakima. Owner, School District 120, Yakima County.

**FOSTER:** School, estimated cost, \$88,909. Architect Wm. Mallis, Lyon Bldg., Seattle. Owner, Consolidated School Dist. 144, King County.

**MCCENTER:** School, estimated cost, \$74,000. Architect C. N. Freeman, Concord Bldg., Portland. Owner, School District 101.

**NACHES:** School, estimated cost, \$104,000. Architect W. H. Rothe, Yakima. Owner, School District 121, Yakima County.

**ROSLYN:** School, estimated cost, \$74,000. Architect John W. Maloney, Larson Bldg., Yakima. Owner, School District 24, Kittitas County.

**UNION GAP:** School, estimated cost, \$65,000. Architect Lin B. Bassell, Yakima. Owner, School District 2, Yakima County.

**BIDS OPENED**

**SAN FRANCISCO**—Alta Roofing Co., 976 Indiana St., at \$307.50, submitted low bid to Dept. of Public Works, for installing tar roof at the Junipero Serris School, Highland Ave. and Holly Park Circle. Only other bid was submitted by the J. W. Bender Roofing Co., at \$425.

Bids held under advisement. (4058) 1st report Sept. 7, 1937. • 15

**16—BANKS, STORES AND OFFICES**

Plans Being Figured — Bids Close September 23rd

**ALTERATIONS** Est. Cost, \$.....  
**SANTA CLARA,** Calif. Main and Franklin Sts.

Revamping of heating system in present bank building.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

**To Ask Bids Shortly**  
**ADDITION** Est. Cost, \$.....  
**SAN JOSE,** Santa Clara Co., Calif. South First Street.

Addition to present bank building.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Owner.

**Contract Awarded**  
**BANK QUARTERS** Est. Cost, \$10,000  
**SAN FRANCISCO.** SE Third and Brannan Streets.

Bank quarters in present building.

Owner—American Trust Co., 464 California Streets.

Plans by Engineering Department of Owner.

Contractor—P. J. Walker Co., Sharon Building.

**To Ask Bids September 17—To Close**  
 September 23rd

**ALTERATIONS** Est. Cost, \$15,000  
**MODESTO,** Stanislaus Co., Calif. 912 Ninth St.

Alterations and additions to Grange office building (new roof, additional rooms, alterations to interior and exterior, new cooling system, etc.), brick construction.

Owner—Grange Company, 912 9th St., Modesto.

Architect—G. N. Hilburn, 1312 I St., Modesto.

**Sub Contracts Awarded**  
**ALTER STORE** Est. Cost, \$6,500  
**SAN FRANCISCO,** Calif. SW 18th St.

San Mission Streets.

Alter store building.

Owner—Gerhardt & Strohmaier & Co., 18th and Mission Sts.

Contractor—A. M. Hardy, 736 Clementina St.

Glass—W. P. Fuller & Co., 301 Mission St.

Iron Work—Ferro Enameling Co., 1100 5th Ave. Oakland.

Lumber—West Coast Lumber Co., 748 Brannan St., San Francisco.

Concrete—John Cassaretto Co., 6th & Channel Sts., San Francisco.

Steel—Mortenson Constr. Co., 19th and Indiana Sts., San Francisco.

**Contract Awarded**  
**TAVERN** Est. Cost, \$7,000  
**EAST PALO ALTO,** Santa Clara Co., Calif. Bayshore Blvd.

One-story frame tavern.

Owner—S. Kertz, 1902 Donohvet St., East Palo Alto.

Architect—Not Given.

Contractor—C. Damant, 137 Donohoe St., Palo Alto.

**CONTRACT AWARDED** 4  
**LOS ANGELES,** Calif.—K. R. Bradley Constr. Co., 1833 W. Pico Blvd., awarded contract for remodeling and

adding to the Farmers & Merchants National Bank at Fourth and Main Sts. Estimated cost, \$50,000. Henry Carlton Newton, 502 Architects' Bldg., architect; Lee Ellingwood, mechanical engineer; R. Howard Anin, structural engineer.

**Plans Being Prepared**  
**ADDITION** Est. Cost, \$.....  
**CARMEL** Monterey Co., Calif.

Addition to restaurant.

Owner—Harry Accourt.

Architect—Milton Latham, Carmel.

Bids will be asked about Oct. 1.

**CONTRACT AWARDED**  
**LOS ANGELES,** Cal.—Curtis Construction Co., 839 W. Washington Blvd., has general contract and has started work on completion of a 4-story building, 80 x 110 ft. in area, on the southwest corner of Fairfax Ave. and Colgate St. for Greene & Hinkle, furniture dealers. Work includes pouring of fire walls, construction of

pent house, installing passenger elevator, plaster and hardwood and composition floors. Separate contracts for the painting and plumbing will be let by the architect, Wm. Campbell, 422 S. Citrus Ave.

**Additional Sub Contracts Awarded**  
**ALTERATIONS** Est. Cost, \$300,000  
**SAN FRANCISCO** Claus Spreckels Bldg., Third and Market Streets.

Alterations and additions to Claus Spreckels Bldg., consisting of the removal of the present four-story dome and addition of seven new floors, complete new lobby and exterior modernization of building.



Owner—The Pacific States Savings & Loan Company.

Architect—Albert F. Roller, Crocker First National Bank Bldg.  
Engineer—H. J. Brunnier, Sharon Building.

Contractor—P. J. Walker Co., Sharon Building.

Steel Sash—Soule Steel Co., 1750 Army St.

Reinforced Steel—Soule Steel Co., 1750 Army St.

As previously reported:  
Structural Steel—Western Iron Wks., 141 Beale St.

Plumbing and Heating—Frank Davison, Ltd., 65 Chesley St.

Electric Wiring—Radefinger Bros., 544 Natoma St.

Wrecking—Emasco Concrete Cutting Corp., 147 11th St.

Terra Cotta—Gladding, McBean & Co., 660 Market St.

Low Bidder  
BANK QTRS. Cost, \$...  
SAN FRANCISCO, SE Third and Brannan Streets.

Bank quarters in present building.  
Owner—American Trust Co., 464 California Streets.

Plans of Engr. Dept. of Owner.  
Low Bidder—P. J. Walker Co., Sharon Building.

Contract Awarded  
ALTERATIONS Cost, \$3,620  
SACRAMENTO, Calif. 812 K St.  
Alterations to store building.  
Owner—Chas. E. Lewis, Prem.  
Architect—Not Given.

Contractor—C. J. Hopkins, 1810 28th St., Sacramento.

Contract Awarded  
ALTERATIONS Cost, \$4,500  
SAN FRANCISCO, Calif. 384 Post Street.  
Alterations to offices.  
Owner—Rea Ashley, Prem.  
Architect—Not Given.

Contractor—Henry W. Edwards, 432 39th Ave.

CONTRACTS AWARDED  
CULVER CITY, Los Angeles Co., Calif.—Geo. A. Fuller Co., 408 South Spring St., Los Angeles, Room 1203, awarded contract for construction of an office building on Grant St., Culver City, for the Metro-Goldwyn-Mayer Studios, 10202 Washington Blvd., Culver City. Other awards were: Plumbing and heating, E. Willardson, 2880 Rowena St., L. A.; electrical work, Pacific Elec. & Mech. Co. Loew's State Bldg., L. A.; elevators, Otis Elevator Co., 300 E. 8th St., L. A. Contracts for the hardware, electric fixtures and air conditioning will be let later. The bldg. will be an H-shaped structure with a central wing, extreme dimensions 343 x 215 ft., and will be part three stories and part four stories in height. It will be of steel frame construction with concrete walls, fully air conditioned, and will have a floor area of about 115,000 sq. ft. Heating will be a low-pressure steam system. As previously reported, structural steel for the building, amounting to about 450 tons, will be furnished and erected by Consolidated Steel Corp. Clark Beelan, architect, 1019 Union Bank Bldg., Los Angeles.

Plans Being Figured—Bids Close on September 23rd  
ALTERATIONS Cost, \$...  
SAN JOSE, Santa Clara Co., Calif. South First St.

Revamping of heating system in present bank building.  
Owner—Capital Co., 625 Market St., San Francisco.

Plans by Constructing Department of Owner.

PLANS BEING FIGURED

LOS ANGELES, Cal.—Architect A. Godley Bailey, 1308 Fourth Avenue, Los Angeles, has completed plans and is taking bids from a selected list of contractors for a one-story concrete reinforced concrete store bldg. to be built on the SW corner of La Brea Ave. and Clinton St. for a client.

Sub Contracts Awarded  
ALTERATIONS Cont. Pr., \$8,576  
SAN FRANCISCO, 1235 Mission St. (bet. 8th and 9th Sts., extending to Minna St.; formerly Mangrum-Hulbrook Bldg.).

General alterations to store building.  
Owner—C. W. Marvedel, 1235 Mission Street.

Architect and Engineer—J. E. Kraft & Sons, Phelan Building.

Contractor—Fred K. DuPay, 110 Sutter Street.

Roofing—Alta Roofing Co., 976 Indiana St.

Plumbing—Frank Davison, 65 Chesley St.

Electric Wiring—Frank Goodman, 666 Mission St.

Sheet Metal—Colan Heating & Sheet Metal Works, 1060 Folsom St.

Tile Work—Progressive Tile Co., 1216 Powell St.

Mill Work—Harder's Planing Mill, 2345 Oakdale St.

Hardware—E. M. Hundley, 662 Mission St.

Structural & Misc. Iron—F. Kern & Sons, 517 6th St.

Concrete—Bode Gravel Co., 235 Alabams St.

Concrete Cutting—Emasco Concrete Cutting Co., 147 11th St.

Steel Rolling Doors—Kinnear Mfg. Co., 361 Brannan St.

Contract Awarded  
ALTERATIONS Cost, \$6,000  
SAN FRANCISCO, 321 Geary Street.  
Alterations to store building.  
Owner—The Golden Pheasant, 255 Powell Street.

Architect—Not Given.  
Contractor—Fink and Schindler, 552 Brannan Street.

CONTRACT AWARDED  
SAN FRANCISCO—D. Zelinsky & Sons, 165 Grove St., at \$170, awarded contract by Pacific Telephone and Telegraph Co. for interior painting of offices at 1145 Larkin St.

Sub-Contracts Awarded  
ALTER STORES Cont. Pr., \$3,854.30  
SANTA ROSA, Sonoma Co., Calif. Hahmann Bldg., Fourth Street.  
Alter Dibble's Apparel Store and Pedersen's Store in Hahmann Bldg.

Owner—Mrs. Hahmann, c/o Architect.

Architect—Clarence Caultkins, Rosenberg Bldg., Santa Rosa.

Contractor—E. Ahlstrom, 323½ South R Ave., Santa Rosa.

Electric Wiring—L. A. Drake, 516 4th St., Santa Rosa.

Sheet Metal—Gust Malm, 610 Second St., Santa Rosa.

Tile Work—W. Moody, 620 5th St., Santa Rosa.

Glass—Diamond Match Lbr. Co., 101 E. Washington St., Petaluma.

Brick, Stone Work, Lathing and Plastering—Richard Keehn, 822 Monroe St., Santa Rosa.

Lumber—Mead Clark Lbr. Co., Third and Railroad Aves., Santa Rosa.

Hardware—Muller & Frey Hardware Co., 621 4th St., Santa Rosa.

Painting—G. Malvino, Rt. 5, Box 614, Santa Rosa.

Contract Awarded  
STORE Cost, \$5,000  
SAN JOSE, Santa Clara Co., Calif. Park Ave.

One-story store building.  
Owner—W. O. Campbell, 1265 Shasta

Ave., San Jose.  
Architect—Not Given.  
Contractor—Henry Andrade, 1485 Jackson St., Santa Clara.

Cabinet Work Contract Awarded  
ALTERATIONS Cost, Fr., \$9,300  
MERCED, Merced Co., Calif.  
Alterations and additions to 3-story bank and store building (complete renovation of third floor; installation of elevators; heating and cooling systems; redecoration of building).

Owner—Judge Shafer, Merced.

Architect—H. H. Winner, Wordsworth Avenue, Ross.

Lessee—First National Bank, Merced.

Contractor—Paul D. McComb, 648 19th St., Merced.

Cabinet Work—H. Schulte, 49 Rogers St., San Francisco.

As previously reported:

Marble—Roy Cook Marble Co., 1535 Powell St., Emeryville.

Bronze—McNeil & Steinberg Mfg. Co., 36 Clyde St., San Francisco.

Additional Sub Contracts Awarded  
DEPOT Cost, \$500,000  
SAN FRANCISCO, Fourth Street and Fioner St. Place.

Two-story and basement steel and concrete railway and bus terminal (29,000 sq. ft.); first floor: ticket concourse, waiting room, rest rooms for men and women, loading and unloading platforms and bus driveway areas; second floor: offices & baggage rooms; basement: company garage, mechanical facilities, heating plant.

Owner—Santa Fe Railway Co., 114 Sansome Street.

Plans by Engineering Department of Owner (H. L. Gilman, Architect; M. C. Blanchard, Chief Engineer); Kerckhoff Bldg., 121 E. 8th St., Los Angeles.

Contractor—P. J. Walker Co., Sharon Building.

Plastering—A. Knowles, 982 Bryant St.

Ornamental Iron—California Artistic Metal & Wire Co., 349 7th St.

Painting—Raphael Co., 270 Tehama St.

Steel Rolling Doors—D. A. Pancoast Co., 26 O'Farrell St.

Roofing—Alta Roofing Co., 976 Indiana St.

Sheet Metal—Gulfofy Corning Works, 1234 Howard St.

Linoleum D. N. & E. Walter, 562 Mission St.

Hollow Metal—Forderer Corning Wks., 269 Potrero Ave.

Marble—Jos. Musto Sons Keenan Co., 535 North Point St.

As previously reported:

Plumbing—Herman Lawson Co., 465 Tehama St.

Heating and Ventilating—Scott Co., Inc., 243 Minna St.

Sprinklers—Fire Protection Products Co., 1101 16th St.

Mill Work—Pacific Mfg. Co., Santa Clara.

As previously reported: Reinforcing Steel, Bethlehem Steel Co., 20th and Illinois Sts.; Concrete, John Cassaretto, 315 Berry St.; Electric Work, Alta Electric Co., 467 O'Farrell St. (751-1st report June 3, 1937, May 21, 1937, 11th report May 26, 1937)

Contract Awarded  
STORE Cost, \$7,500  
SAN FRANCISCO, Calif. NW 18th Ave. and Taraval St.

One-story frame and stone store building, 1st and gravel roof, tile front, over 1 cement floors, etc.

Owner—M. Haney.

Architect—Walter Falch, Hearst Building.

Contractor—Ed Zinkand & Son, 667 36th Ave.

**To Ask Bids In One Week**  
**ALTERATIONS** Cost, \$.....  
 SAN JOSE, Santa Clara Co., Calif.  
 Santa Clara Ave.  
 Alterations to store front.  
 Owner—Name Withheld.  
 Architect—Binder & Curtie, 35 West  
 San Carlos St., San Jose.

## 17— THEATRES

**Plans Being Completed**  
**THEATRE** Cost, \$85,000  
 HONOLULU, T. H. Oriental Quarter.  
 One-story reinforced concrete theatre  
 building (to seat 800) steel truss  
 roof and corrugated iron; interior  
 metal lath and plaster;  
 acoustical Celotex, etc. (Japanese  
 design).  
 Owner—Consolidated Amusement Co.  
 Architect—C. W. Dickey, 405 S. M.  
 Damon Bldg., Honolulu.  
 Bids will be asked within 10 days.

**Contract Awarded**  
**ALTERATIONS** Total Cost, \$25,000  
 PITTSBURG, Contra Costa Co., Cal.  
 Remodeling theatre (redecorating  
 plastering, carpentry work, beau-  
 tifying lobby, new marquee, new  
 seating, new carpets, new elec-  
 trical fixtures, etc.).  
 Owner—California Theatres.  
 Architect—F. F. Amades, 414 Dewey  
 Blvd., San Francisco.  
 Contractor—Horace J. Sino, 23 W  
 7th St., Pittsburg.  
 Contracts on painting, decorating,  
 carpets and marquee will be award-  
 ed within two weeks.

**Sub-Contracts Awarded**  
**ALTERATIONS** Cost, \$25,000  
 RICHMOND, Contra Costa Co., Calif.  
 Fifth Street.  
 Alterations to theatre building (new  
 seats, plastering, concrete floor,  
 heating and ventilating system,  
 wiring, fixtures, etc.)

Owner—Fox West Coast Theatres.  
 Architect—A. A. Cantin, 64 Pine St.,  
 San Francisco.  
 Contractor—A. J. Hopper, 1769 Pleas-  
 ant Valley Road, Oakland.  
**Plumbing**—R. W. Timmons, 703 Nevin  
 Ave., Richmond.  
**Electric Wiring**—Matson Elec. Const.  
 Co., 4115 Broadway, Oakland.  
**Heating**—Aladdin Heating Corp., 5107  
 Broadway, Oakland.  
**Iron Grille Work**—Frutiger Iron  
 Works, 325 8th St., Oakland.  
**Structural Steel**—Judson-Pacific Co.,  
 foot of Park Ave., Oakland.  
**Hardware**—Marshall - Nevell Supply  
 Co., Spear and Mission Sts., San  
 Francisco.

**Plans Completed**  
**THEATRE & STORE** Cost, \$100,000  
 PORTLAND, Ore. 5415 NE Union St.  
 One-story reinforced concrete theatre  
 and store building (200x118) partial  
 second story over theatre  
 for offices, etc.; theatre to seat  
 1200, 7 stores.  
 Owner—Lloyd Corp. Ltd., 720 NE  
 12th St., Portland.  
 Architect—Claud Beelman, 1019 Un-  
 ion Bank Bldg., Los Angeles, and  
 Ertz & Burns, Pittock Building,  
 Portland.

**Plans Being Figured — Bids Close**  
**October 1**  
**THEATRE & STORE** Cost, \$100,000  
 PORTLAND, Ore. 5415 NE Union St.  
 One-story reinforced concrete theatre  
 and store building (200x118 ft.),  
 partial second story over the-  
 atre for offices, etc.; theatre to  
 seat 1200, seven stores.  
 Owner — Lloyd Corp., Ltd., 720 NE  
 12th St., Portland.  
 Architect — Claud Beelman, 1019 Un-  
 ion Bank Bldg., Los Angeles, and  
 Ertz & Burns, Pittock Building,  
 Portland.

## 18— WHARVES & DOCKS

**To Ask Bids In About Two Weeks**  
**CONNECTING BLDG.** Cost, \$.....  
 SAN FRANCISCO, Pier 48.  
 Connecting building at Pier 48.  
 Owner—State Board of Harbor Com-  
 missioners, Ferry Bldg.  
 Engineer—Frank G. White, Ferry  
 Building.  
 Further details will be announced  
 shortly.

**Bids Wanted — To Close September**  
**30, 2 P. M.**  
**CONNECTING BLDG.** Cost, \$.....  
 SAN FRANCISCO, Pier 48 (outer  
 end).  
 Connecting building at Pier 48 (tim-  
 ber construction).  
 Owner—State Board of Harbor Com-  
 missioners, Ferry Bldg.  
 Engineer—Frank G. White, Ferry  
 Building.  
 Plans and specifications may be  
 obtained from above office upon de-  
 posit of \$10.

## 19—MISC. CONSTRUCTION

**Plans Completed**  
**AUTO CAMP** Cost, \$15,000  
 BAKERSFIELD, Kern Co., Calif.  
 State Highway.  
 14-unit automobile court (frame and  
 stucco construction, tile roof, steel  
 and wood sash, gas steam heat-  
 ing, air conditioning, etc.).  
 Owner—H. G. Kennedy, Bakersfield.  
 Architect—F. H. Slocombe, 4127 Pled-  
 mont Ave., Oakland.  
 Owner will build.

**CONTRACT AWARDED**  
**BONNER'S FERRY, Idaho.**—Fritz  
 Ziebarth, Inc., Security Bldg., Long  
 Beach, Calif., at \$90,992.73, awarded  
 contract by the Northern Idaho Rural  
 Rehabilitation Association, Inc.,  
 Sandpoint, Idaho, for the construc-  
 tion of 103.5 miles of power line near  
 Bonner's Ferry.

**FUNDS ALLOTTED**  
**UMATILLA, Ore.**—Umatilla Elec.  
 Cooperative Assn., Hermiston, Ore.,  
 has been allotted \$15,000 by REA  
 to finance house wiring and plum-  
 bing installations for about 150 cus-  
 tomers. A total of \$129,000 has been  
 allotted for distribution lines to be  
 built by this organization.

**PLANS AVAILABLE**  
**PLUMAS COUNTY, Calif.**—Plans  
 and specifications for the construc-  
 tion of approximately 250 miles of  
 12,000-volt transmission and distribu-  
 tion lines for the Plumas-Sierra Rural  
 Elec. Co-operative will be avail-  
 able about Sept. 20.

Plans and specifications will be on  
 file in the office of the Plumas-Sierra  
 Rural Electric Co-operative, at  
 Blarissen, Plumas County, and also  
 at the office of the Engineer, Allan  
 Sickler, Room 11, Bell Bldg., Alturas  
 Modoc County, where they may be  
 obtained upon deposit of \$10.

**BIDS OPENED**  
**ALTURAS, Modoc Co., Calif.**—  
 Fairbanks Morse Co., 35 Harrison St.,  
 San Francisco, at \$75,600, submitted  
 low bid to the Surprise Valley Elec-  
 trification Corporation, Allan Sickler,  
 Engineer, Room 11, Bell Building,  
 Alturas, for the construction of a  
 900-horsepower diesel electric gener-  
 ating plant for Surprise Valley Elec-  
 trification Corp., Alturas. Estimated  
 Cost, \$90,000.  
 Total bids follow:  
 Fairbanks Morse Co., 35  
 Harrison St., S. F. \$75,600.00  
 Worthington Co., Inc., S. F. \$3,442.00  
 Western Machinery Co., S.F. \$8,962.50

**PLUMBING BIDS BEING TAKEN**  
**LOS ANGELES, Calif.**—Los Ange-  
 les Union Passenger Terminal (A. J.  
 Barclay, construction superintendent,  
 726 N. Alameda St.), is taking bids  
 from a restricted list of contractors  
 for all pipe work and fixtures re-  
 quiring a plumbing system to be  
 installed in the main station build-  
 ings under construction on Alameda  
 St., between Aliso and Macy Streets,  
 for the Santa Fe, Union Pacific and  
 Southern Pacific railroads. The bids  
 are to be submitted Sept. 14.

**BIDS OPENED**  
**LOS ANGELES, Calif.**—Western  
 Boat Co., at \$16,028.16, submitted low  
 bid to Los Angeles Harbor Dept., for  
 work boat, 40 ft. long.  
 Total bids follow:  
 Western Boat Co., \$16,028.16.  
 Wras Boat Co., \$16,435.  
 Yacht Sales & Service Co., \$17,774.  
 W. M. Whiting Boat Bldg. & Re-  
 pairing Co., \$21,546.  
 Watchorn Boat Works, \$21,900.

**BIDS WANTED**  
**SAN DIEGO, Cal.**—Until Sept. 23,  
 11 A. M., bids will be received by Lt.-  
 Commander L. N. Moeller, Headquar-  
 ters, 11th Naval Dist., Public Works  
 Dept., foot of Broadway, San Diego,  
 under Spec. No. 8547, for electric ser-  
 vice connections at the Naval Hospi-  
 tal, San Diego.  
 Work involves:  
 (1) Furnishing and installing con-  
 crete transformer vault (under-  
 ground);  
 (2) Concrete signal manhole;  
 (3) One 50-kva single phase lighting  
 transformer;  
 (4) One 25-kva 3-phase power trans-  
 former;  
 (5) 220 lf. of concrete envelope and  
 duct system;  
 (6) Lighting, power, telephone and  
 signal cables;  
 (7) Oil fuse cutouts and miscella-  
 neous appurtenances.  
 Plans and specifications may be  
 obtained from the above office upon  
 the deposit of \$10, payable to Chief  
 of the Bureau of Yards & Docks.

**BIDS OPENED**  
**CASPER-ALCOVA PROJ., Wyo.**—  
 Mountain States Co., Billings, Mont.,  
 at \$13,375 submitted low bid to the  
 Bureau of Reclamation, R. F. Walter,  
 Chief Engineer, Casper, Wyo.,  
 under Spec. No. 965-D, for prepara-  
 tion and stockpiling of concrete ag-  
 gregates, Casper-Alcova Project.  
 Total bids follow:  
 Mountain States Co., Billings, \$13,375  
 J. B. Bertrand, Denver \$13,495  
 M. J. Gilpatrick, Riverton, Wyo. 14,035  
 T. G. Rowland, Salt Lake City 16,150  
 Summit Const. Co., Rapid City 16,180  
 Docks, 16,180  
 Gunther and Shirley Co., Los  
 Angeles \$16,775  
 Blanchard Bros., Denver, 16,960

**BIDS OPENED**  
**BLANCHLY, Oregon.**—McPage - Mc-  
 Kenny Co. 520 S Pine St., Portland,  
 at \$50,000, (2) \$48,841; (3) \$51,-  
 040; (4) \$49,777; (5) \$48,668; (6) \$37,-  
 225, submitted low bid to the Blach-  
 ly-Lane County Cooperative Electric  
 Association, Baar and Cunningham,  
 electrical engineers, 414 Spalding  
 Bldg., for the construction of 47 miles  
 of power lines in western Lane Co.,  
 along the Siuslaw Highway, west of  
 Junction City.  
 Bids were taken as follows:  
 (1) copper conductors and plant-  
 treated poles;  
 (2) copper conductors and field-  
 treated poles;  
 (3) copperweld conductors and plant-  
 treated poles;  
 (4) copperweld conductors and field-  
 treated poles;

(5) aluminum conductors and plant-treated poles;  
 (6) aluminum conductors and field-treated poles.

Total bids follow:  
 NePage-McKenny Co., 520 S Pine St., Portland: (1) \$50,607; (2) \$48,841; (3) \$51,040; (4) \$49,742; (5) \$48,688; (6) \$47,225.  
 Harold Blake, 400 N. Thompson, Portland, (1) \$82,035.00.  
 Huenergard Elec. Co., Worcester Bldg., Portland, (3) \$52,803.  
 Clifford A. Duhn, Klamath Falls, (5) \$65,327.00.  
 Homer G. Johnson, Imperial Hotel, Portland, submitted an irregular bid at \$57,989 for (3) and \$56,058 (5).

**Segregated Bids Being Taken**  
**FUNERAL PARLOR**—Cost, \$25,000  
**SAN FRANCISCO**, Calif., S. Green St., East of Powell.  
 One-story frame funeral parlor.  
 Owner—Valente, Marini & Perata & Co.  
 Engineer—Conrad T. Kett, 519 California St.

**BIDS WANTED**  
**PORTLAND, Ore.**—Until September 29, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Commercial, Portland, Oregon, under Bid No. 698-38-94, for drydocking and repairing the U. S. seagoing hopper dredge, "Colonel P. S. Michie."  
 Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**  
**LEWISTON, Idaho**—O. Carlson Electric Co., 2212 2nd St., Seattle, at \$189,817 (Item 3) submitted low bid and were awarded contract by Clearwater Valley Light and Power Association, 1206 Main Street, Lewiston, Idaho, for the construction of about 235 miles of rural electric distribution system in Latah county, Idaho, and Whitman County, Washington.  
 Bids were taken on:  
 (1) copperweld copper;  
 (2) hard-drawn copper;  
 (3) aluminum wire.

The bidders were:  
 (A) O. A. Carlson Electric Co., 2212 2nd St., Seattle.  
 (B) Puget Const. Co., Seattle.  
 (C) NePage-McKenny Co., Seattle.  
 (D) Bell Morgan and Odberg Company, Salt Lake City.  
 (E) Schram Co., Portland.  
 (F) Kern & Kibbe, Portland.  
 (G) Fritz Ziebarth Co., Long Beach.

Total bids follow:

	(1)	(2)	(3)
(A)	\$204,585	\$207,573	\$189,817
(B)	222,100	222,222	214,045
(C)	221,323	221,585	210,014
(D)	215,173	219,241	
(E)	217,717	214,559	202,742
(F)	220,054	220,506	206,195
(G)	211,431	223,914	209,016

**BIDS WANTED**  
**SAN FRANCISCO**—Until Sept. 24, 3:30 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Invit. No. 568-38-30, for drydocking, painting and repairing the U. S. Seagoing Hopper Dredge "A. Mackenzie."  
 Plans and specifications may be obtained from the above office.

**Contract Awarded**  
**INCINERATOR**—Cost, \$4,416  
**OAKLAND, Alameda Co., Calif.**—Alameda and High Streets.  
 Installation of incinerator.  
 Owner—Safeway Stores, Inc.  
 Architect—Not Given.  
 Contractor—The Ludwig Incinerator, 960 Natoma St., San Francisco.

**Additional Sub Contracts Awarded**  
**ALTERATIONS & ADDITIONS**  
 Est. Cost, \$25,000  
**BAY MEADOWS, San Mateo Co., Cal.**

Alterations and additions to Bay Meadows clubhouse; extend first floor of clubhouse on the north to the end wall of the grandstand, with runway beneath for passage to paddock; additional lock seats, mutual windows, and booths.  
 Owner—California Jockey Club (Wm. F. Kyne, General Manager).  
 Structural Engineer—W. Adrian, 417 Market St., San Francisco.  
 Contractor—Cahill Bros., 206 Sansome St., San Francisco.  
**Roofing**—Alta Roofing Co., 976 Indiana St.  
**Hardwood Floors**—Acme Floor Co., 1051 Mission St.  
**Canvas Decks**—J. L. Stewart.  
 Other awards reported Aug. 27th.

**BIDS WANTED**  
**SAN FRANCISCO**—Until Sept. 30, 11:30 a.m., bids will be received by Col. O. S. Albright, Contracting Officer, Signal Office, 9th Corps Area, Fresno, San Francisco, under CP No. 1084-SC-38-5, for initial 200 line (500 line ultimate) P-A-B-X to serve the U. S. Army Pacific Air Depot, Sacramento.

- Work involves:
- (1) Complete job;
  - (2) Items 2 to 7 inclusive for furnishing additional equipment for installation.
  - (3) 3 fire repeater circuits;
  - (4) Auxiliary turret type attendant's cabinet, equipped with 3 central office trunks, 2 information trunks, release and dial trunk keys and night alarm circuit;
  - (4) Executive night-of-way equipment to permit any one of three telephones dialing into any busy connection;
  - (5) Crash alarm circuit of 10 stations;
  - (6) A 10-station fixed conference group shall be included to enable the entire 10 stations to be signalled simultaneously;
  - (7) Same as Item 6, except for 20 stations.

**BIDS WANTED**  
**SAN FRANCISCO**—Until Sept. 20, 10 a.m., bids will be received by Col. O. S. Albright, Contracting Officer, Signal Office, 9th Corps Area, Fresno, San Francisco, under CP No. 1084-SC-38-7, for installing one high frequency antenna system at the Army Air Corps Radio Transmitting Station, Medford, Oregon.  
 Plans and specifications may be obtained at the above office.

**CONTRACT AWARDED**  
**HICKAM FIELD, T. H.**—Chester B. Clarke, Honolulu, T. H., at \$290,655, was awarded contract by the Purchasing and Contracting Officer, Hickam Field, T. H., under Bid No. W-397-38-3, for the construction and completion of concrete warming-up aprons, Hickam Field, T. H.

**BIDS OPENED**  
**SAN FRANCISCO**—D. E. Manning, 118 Virginia Avenue, San Francisco, at \$516, submitted low bid to Col. O. S. Albright, Signal Corps, Contracting Officer, Ninth Corps Area, Fresno, under CP No. 1084-SC-28-6, for radio, under CP No. 1084-SC-28-6, for installing one high-frequency antenna system at Hamilton Field, Marin County.  
 Underground Constr. Co., Berkeley, at \$570, submitted only other bid.

**BIDS OPENED**  
**SACRAMENTO, Calif.**—Continental Drilling Co., 924 E. Pico Street, Los Angeles, at \$2,500; (B) \$2,537, and Cannon Bros., 223 S. Pannes Ave., Compton, at (C) \$3,069 submitted the low bids to U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District

Engineer, Room 208, Post Office Bldg., Sacramento, under Proposal No. 1105-38-64, for the lease of equipment for drilling exploratory test holes at sites of proposed debris dam, as follows:

- (A) North Fork damsite on the North Fork of the American River about 10 miles by road northeasterly of Auburn, Calif.
- (B) Ruck-A-Chucky damsite on the Middle Fork of the American River about 21 miles by road northeasterly of Auburn, Calif.
- (C) Narrows damsite on the Yuba River about 3 miles by road northeasterly of Smartsville, Calif.

- Work involves:
- (A) NORTH FORK DAMSITE:
    - (1) One job mobilization and demobilization of equipment;
    - (2) Time consumed in drilling three vertical and two inclined holes in stream bed, per hour;
    - (3) 2 jobs, setting up equipment ready to drill at any level above high water elevation on either abutment slope;
    - (4) 100 hours, time consumed in drilling holes on abutment slopes at setups made under Item 3.
  - (B) RUCK-A-CHUCKY DAMSITE:
    - (1) One job mobilization and demobilization of equipment;
    - (2) Time consumed in drilling three vertical and two inclined holes in stream bed, per hour;
    - (3) 2 jobs, setting up equipment ready to drill at any level above high water elevation on either abutment slope;
    - (4) 100 hours' time consumed in drilling holes on abutment slopes at setups made under Item 7.
  - (C) NARROWS DAMSITE:
    - (1) One job mobilization and demobilization of equipment;
    - (2) Time consumed in drilling three vertical and two inclined holes in stream bed, per hour;
    - (3) 2 jobs, setting up equipment ready to drill at any level above high water elevation on either abutment slope;
    - (4) 100 hours' time consumed in drilling holes on abutment slopes at setups made under Item 7.

Total bids follow:  
 (A) Continental Drilling Co., 924 E. Pico St., Los Angeles, (A and B) \$5,037.00.  
 (B) Cannon Bros., 223 S Pannes Ave., Compton, \$8,818.00.  
 (C) R. S. McCintock, Spokane, \$10,018.50.  
 (D) M. B. McGowan, San Francisco, \$12,657.00.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$300.00	\$200.00	\$325.00	\$645.00
(2)	6.00	7.50	13.50	14.50
(3)	80.00	100.00	50.00	50.00
(4)	6.00	7.85	12.00	14.50
Total	2500.00	2969.00	3407.00	4109.00
(5)	300.00	250.00	325.00	954.00
(6)	6.30	7.85	13.50	14.50
(7)	75.00	100.00	50.00	50.00
(8)	5.75	7.85	12.00	14.50
Total	2537.00	2790.00	3204.50	4215.00
(9)		200.00	325.00	869.00
(10)		7.85	13.50	14.50
(11)		100.00	50.00	50.00
(12)		7.85	12.00	14.50
Total		3069.00	3470.00	4333.00

**20— MISC. SUPPLIES AND MATERIALS**

**ALL-AMERICAN CANAL**—Associated Piping & Engineering Co., 2332 E. 8th St., Los Angeles at \$12,665, was awarded contract by R. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. 945-D, for pipe band, routing and light standards for the Imperial Dam and desilting works, All-American Canal System, Boulder Canyon Project.

Materials will be installed by the Government.

Award of contract is a formality, since Associated Piping & Engineering Co. has claimed an error of approximately \$5000 in its bid. If the firm's claim is granted, California Steel Products Co., San Francisco, will be low at \$1877, and probably will receive the contract. Official announcement expected shortly.

#### BIDS WANTED

**SACRAMENTO, Calif.**—Until Sept. 21, 9 P. M., bids will be received by Lieut.-Col. L. B. Chambers, District Engineer, U. S. Engineer Office, Rm. 208, Post Office Bldg., Sacramento, under Proposal 1105-38-62, for furnishing miscellaneous castings, as follows:

- (1) 1 pump discharge connection;
- (2) 2 20-inch check valves;
- (3) 50 eye bolt for pipe sleeve hands;
- (4) 50 washer for pipe sleeve hands;
- (5) 12 runner shaft coupling bolts;
- (6) 1 lot cutter head bearing (upper bushing);
- (7) 1 lot cutter head bearing (lower bushing);
- (8) 1 chuck plate casting;
- (9) 1 lot bronze pinion casting;
- (10) 1 lot bronze bushings.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**SAN FRANCISCO**—The following unbid identical bids at \$183 per ft to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-24 for furnishing 430 feet of wire rope:

- Columbia Steel Company.
- A. Leschen & Son Rope Co.
- Hazard Wire Rope Co.
- General Machinery & Supply Co.
- John A. Roehlings Sons Co.
- E. H. Edwards Co.
- Wickwire Spencer Steel Co.
- Harron-Richard-McCone Co.
- Fred E. Barnett Co.

#### CONTRACTS AWARDED

**PETALUMA, Sonoma Co., Calif.**—The Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, awarded the following contracts for the sale to the City of materials and supplies for the improvement of 3rd Street, by widening its intersection with the east line of C Street to the east boundary of the City of Petaluma:

- Estimated requirements:
- 1 584 sacks Portland cement;
  - 2 1617 tons coarse aggregate;
  - 1 750 tons fine aggregate;
  - 1 Part circle corrugated iron culvert.
- Value of 7500 ft. 1 1/2-in. galv. electric conduit @ \$4 54 1/2 in. eils.  
 1 1000 ft. 4 1/2 in. 20' Near Co., Petaluma, at \$1067 per sack; 21.75 30 days.  
 1 1000 2 H. C. Ross-Bassett Rock Co., Petaluma, at \$170.  
 1 1000 ft. L. L. Lutz, Petaluma, at \$170.  
 1 1000 ft. California Corrugated Culvert Co., Berkeley, at \$155 per ft.  
 1 1000 ft. A. H. H. H. H. Co., Petaluma, @ \$20.13 per 100 ft.; @ \$7.15 per 100 ft.

#### BIDS OPENED

**OAKLAND, Cal.**—W. E. Thomas, 2140 84th Pkwy., Ave., Oakland, at \$1818.90 submitted the bid to East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal LS 205, for 1500 ft. of 12-inch diameter electric wire, as follows:

- W. E. Thomas, 2140 84th Pkwy., Ave., Oakland, at \$1818.90  
 General Welding Co., 2065 90  
 East Bay Welding Co., 2018.90  
 F. D. Shreve Welding, 3184.30

#### CONTRACT AWARDED

**OAKLAND, Cal.**—Federated Metals Corp., 75 Folsom St., San Francisco, at \$6,600 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 909, for furnishing 30 tons of pig lead in 100-lb. bars.

Bunker Hill Smelter Agency, Oakland, at \$6,600 submitted the only other bid.

#### CONTRACT AWARDED

**OAKLAND, Calif.**—Rich Mfg. Co., 3351 Santa Fe Ave., Los Angeles, at \$12,092.70 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal LS 204, for furnishing hub end street valves.

#### CONTRACT AWARDED

**OAKLAND, Cal.**—Melrose Lumber & Supply Co., 46th Ave. and 12th St., Oakland, at \$3,492.64 was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 908, for furnishing 81,000 ft. of Oregon pine lumber.

#### BIDS WANTED

**SACRAMENTO, Calif.**—Until Sept. 16, 8:35 p. m., bids will be received by the Sacramento City Council, H. G. Devon, City Clerk, City Hall, for furnishing approximately 300 tons Transit Mix Portland Cement Concrete for the street maintenance division.

#### BIDS WANTED

**SAN FRANCISCO**—Until Sept. 24, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1599, for furnishing (1) 1000 % m. water meters; (2) 50 2-in. water meters.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**OAKLAND, Calif.**—Until Sept. 20, 4-30 p. m., bids will be received by the Oakland Port Commission, for furnishing 10,000 c. y. rock at the Oakland Air Depot.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

**LOS ANGELES, Cal.**—Barrett Co., New York City, at \$23,936.11 was awarded contract by the Metropolitan Water District for 600 tons coal tar enamel, 2400 gals. coal tar primer and 240 gals. primer thinner, item 5 of Sched. 2, Spec. No. 234.

#### BIDS OPENED

**SAN FRANCISCO**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-25, for furnishing Douglas fir lumber: f.o.b. shipping point.

- Smith Lumber Co., San Francisco \$294.63; f.o.b. Reedsport, Oregon; 2 1/2 10 days; net 20 and 30 days.
- Cascade Cargo Sales Co., Seattle—\$810.78; f.o.b. Buncuda, Wash.; 2% 10 days; none 20 and 30 days.
- Humphrey Lumber Co., Oakland—\$870.40; f.o.b. Cottage Grove, Ore.; 2 1/2 10 days; 1% 30 days.
- Mattison Lumber Co., Seattle—\$914.63; f.o.b. Seattle, Wash.; 2% 10 days; 1 1/2 20 days; 1% 30 days.
- F. Sharp Lumber Co., Seattle—\$919.72; f.o.b. Lyons, Ore.; 2% 10 days; 1% 20 days; net 30 days.
- Smith Lumber Co., San Francisco—\$1511.59; f.o.b. San Francisco; 2% 10 days; 1% 20 days; net 30 days.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$4608.30 awarded contract by the U. S. Engineer, Los Angeles, discount, 1/2 of 1%, for corrugated culvert pipe, drainage gates and band couplers, Circ. Prop. 34, California Corrugated Culvert Co., Berkeley, at \$4,637.49, submitted only other bid.

#### BIDS OPENED

**SAN FRANCISCO**—Judson-Pacific Co., 609 Mission St., San Francisco, at \$3049.50 submitted low bid to the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-28, for furnishing 57,000 lbs. structural steel, painted, and 450 lbs. structural steel, galvanized; 400 Yerbe Buena Island.

Total bids follow:  
 Judson-Pacific Co., 609 Mission St., San Francisco, \$3,049.50  
 Schraeder Iron Works, S. F., \$3,225.00  
 Moore Dry Dock Co., Oakland \$3,879.90  
 Herrick Iron Works, Oakland \$3,948.15  
 Independent Iron Works, Ltd., Oakland ..... 4,034.70

#### BIDS OPENED

**SAN FRANCISCO**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-26, for (1) plywood, (2) wallboard; f.o.b. Port San Francisco.

U. S. Plywood Co., Inc.—(1) \$1,564.05; (2) \$249.92; 2% 10 days.  
 Lilly & Crowley, Inc.—(2) \$271.04, 2% 10 days; 2% 20 days; net 30 days.  
 Maris Plywood Co.—(1) \$1,445.61, 2% 10 days, 1% 20 days, net 30 days.  
 Pacific Plywood Co., Inc.—(2) \$271.04, 2% 10 days, 2% 20 days, net 30 days.  
 Forsyth Hardwood Co.—(1) \$1,310.80, (2) \$334.40, 3% 10 days, 3% 20 days, net 30 days.

#### CONTRACT AWARDED

**PHOENIX, Arizona**—Allison Steel Mfg. Co., P.O. Box 2151, Phoenix, Ariz., at \$8555.78, was awarded contract by the Arizona State Highway Commission, Phoenix, for furnishing and delivering 132,000 lbs. structural steel and 84 steel pivoted windows of various sizes, without glazing.

Total bids follow:  
 Allison Steel Mfg. Co.—(1) Struct. steel, \$7774.80, (2) 41 steel windows, \$426.36, (3) 8 steel windows, \$72.96, (4) 28 steel windows, \$235.48, (5) 4 steel windows, \$46.16.

Pennsylvania Iron & Steel Co.—(1) \$8965.50, (2) \$374, (3) \$64, (4) \$206.50, (5) \$40.50.

Baker-Thomas Lime & Cement Co.—(1) \$9372, (2) \$426.36, (3) \$72.96, (4) \$235.48, (5) \$46.16.

Minneapolis-Moline Power Implement Co.—(1) \$9768, (2) \$453.20, (3) \$77.76, (4) \$251.16, (5) \$49.

#### BIDS WANTED

**SAN FRANCISCO**—Until Sept. 24, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1592, for furnishing fir, redwood and spruce for the various City Departments and Institutions for a term of six months from date of award.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$4608.30, submitted low bid to U. S. Engineer, Los Angeles, discount, 1/2 of 1%, for corrugated culvert pipe, drainage gates and band couplers, Circ. Prop. 34, California Corrugated Culvert Co., Berkeley, at \$4,637.49, submitted only other bid.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                                         |                                 |
|---------------------------------------------------------|---------------------------------|
| 21.—Bridges                                             | 30.—Reservoirs and Dams         |
| 22.—Drainage, Harbor Works, Excav. and Irrigation Proj. | 31.—Pipe Lines and Wells        |
| 23.—St. Light Systems                                   | 32.—Sewers and Sewage Equipment |
| 24.—Railroads                                           | 33.—Water Works                 |
| 25.—Alarm Svt.                                          | 34.—Parks & Play grounds        |
| 26.—Fire Equipment                                      | 35.—Tunnels                     |
| 27.—Streets & Highways                                  |                                 |

Francisco, at \$1,589, submitted low bid and was awarded contract by the Humboldt County Board of Supervisors. Fred M. Kay, Clerk, Court House, Eureka, for the construction of a reinforced concrete bridge on Road No. 121 near Ferndale in Road District No. 1, Humboldt County. Steel beams furnished.

A. J. Anderson, Oakland, at \$1980, submitted only other bid.

## BIDS REJECTED

**HUMBOLDT CO., Calif.**—The Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, rejected all bids for the repairing of the cable bridge across Mad River at Mountain View in Road District No. 3, Humboldt County.

## BIDS REJECTED

**HUMBOLDT CO., Calif.**—The Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, rejected all bids for the construction of a reinforced concrete bridge over Price Creek, Humboldt County.

Frank Bryant, 429 Hazelwood Avenue, San Francisco, at \$6,240.94, submitted the low bid.

## CONTRACT AWARDED

**HUMBOLDT CO., Calif.**—Mercer-Fraser Co. Second and Commercial Streets Eureka at \$14877.28 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors Fred M. Kay Clerk Court House Eureka for the constructing a reinforced concrete bridge over Mad River near Butler Valley, Humboldt County.

Total bids follow:  
Mercer-Fraser Co. 2nd and Commercial Streets, Eureka—\$14,877.28.  
F. J. Maurer & Son, Inc., Eureka—\$15,217.91.

Dan Teters & Co., Riverside—\$16,851.54.  
E. E. Smith, Eureka—\$19,133.45.

## CONTRACT AWARDED

**MENDOCINO CO., Calif.**—Harold Smith, 1427 Kearny St., St. Helena, at \$30,417, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge and approaches about 12 miles; the approaches to consist of a graded roadbed with a penetration oil treatment applied, at Dry Creek, between McDonald and Yorkville.

## CONTRACT AWARDED

**HUMBOLDT CO., Calif.**—N. M. Ball Sons and E. E. Smith, 532 Car-

mel Street, Albany, at \$38,969, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairs to the existing timber bridge across Big Lagoon, 10 miles north of Trinidad, Humboldt Co.

## BLUE PRINTS AVAILABLE

**SACRAMENTO, Calif.**—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on September 29th, 1937.

Following is a list of blue prints and prices:

I—Men-56-B—Bridge across Garcla River, PLANS (No. of Sheets), 12; cost, \$1.80; CROSS-SECTIONS (No. of Sheets), 8; cost, \$0.80; total, \$2.60.  
IV—Ala-5-E—Grade crossing over the tracks of the S. P. R. R. at Redmond and one under the tracks of the W. P. R. R. at Stone Cut PLANS (No. of Sheets), 23; cost, \$3.50; CROSS-SECTIONS (No. of Sheets), 5; cost, \$0.50; total, \$4.00.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1498, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. 1

## BIDS WANTED

**VENTURA, Ventura Co., Cal.**—Until Oct. 4, 10 A. M., bids will be received by County Clerk L. E. Halliwell, Ventura, for construction of Wheeler Canyon Bridges, No. 3 and No. 4 on Eliseo Road, Ventura Co.; Bid No. 998.

Work involves:  
(1) 278 c.y. Class A concrete;  
(2) 27,100 lbs. reinf. steel;  
(3) 1260 FRM misc. lumber.

Structures will be 24x30 ft. of reinforced concrete construction.

## BIDS WANTED

**LOS ANGELES, Calif.**—Until Oct. 5, 2 p.m., bids will be received by the Los Angeles county supervisors, 501 Hall of Records, Los Angeles, for constructing a steel concrete and timber bridge on Mulberry Road over La Mirada Slough. It will have one 60-ft. span with 24-ft. roadway, reinforced concrete deck and wood bulkhead and abutments. Plans were prepared by W. B. Armstrong, county bridge engineer. Mame B. Beatty, clerk of the board.

## BIDS WANTED

**SAN MATEO COUNTY, Cal.**—Until October 6, 1:00 P. M., bids will be received by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Court House, Redwood City, for the construction of a bridge across Pescadero Creek, one mile west of the Anderson bridge. Plans and specifications may be obtained from the above office.

## 23—CANALS

## BIDS OPENED

**OWYHEE PROJ., Oreg.-Idaho.**—Fife & Co., Nappa, Oregon, at \$21,166.50, submitted low bid to the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 966-D for the construction of structure, South Canal lateral S-C 57, Station 195 to end, and

## 11—BRIDGES

## CONTRACT AWARDED

**LOS ANGELES, Calif.**—Atlas Construction Co., 39 Congress St., Pasadena, at \$8,200, was awarded contract by the Los Angeles county supervisors for constructing two bridges across La Mirada slough, one on road, and the other on Colima road. The bridges will each consist of one 40-ft. span with 24-ft. roadway, steel girders, concrete deck, timber abutments and railings. Estimated cost, \$10,600.

## BIDS WANTED

**TRINITY COUNTY, Calif.**—Until October 6, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete bridges, one across Big Creek, consisting of one 22-ft. and two 16-ft. slab spans, and the other across Hayfork Creek, consisting of one 60-ft., two 45-ft. and two 37-ft., 6-in. girder spans.

- Work involves:  
(1) 640 c.y. struc. excav.;  
(2) 122,000 lbs. bar reinf. steel;  
(3) 99 c.y. Class A Portland cement concrete footing blocks;  
(4) 505 c.y. Class A Portland cement concrete struc.;  
(5) 656 lf. lumber railing;  
(6) 1 existing bridge to be removed and disposed of;  
(7) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

## BIDS WANTED

**ELI FRADAY COUNTY, Cal.**—Until October 6, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge, consisting of three 71-ft. 0-in. spans and two 54-ft. 6-in. spans on concrete bents and abutments, across Webber Creek, about 2½ miles west of Placerville, Eldorado County.

- Work involves:  
(1) 800 c.y. struc. excav.;  
(2) 184,000 lbs. bar reinf. steel;  
(3) 930 c.y. Class A Portland cement concrete struc.;  
(4) 23 c.y. Class A Portland cement concrete railing;  
(5) 7,800 lbs. misc. steel;  
(6) 240 lf. 8-in. CMP;  
(7) 4 each spillway assemblies;  
(8) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office.

## CONTRACT AWARDED

**HUMBOLDT CO., Calif.**—Frank Bryant, 429 Hazelwood Avenue, San

Capital City  
Title Company

JAMES E. BANCROFT  
Manager

801 J Street  
Sacramento : California

sublater, Succor Creek Division, Owyhee Project.

Total bids follow:

Fire & Co., Nyssa, Ore. . . . \$21,166.50  
 J. A. Terteling & Sons, Boise . . . 23,263.00  
 (am) . . . . . 23,357.50  
 W. C. White, Vale, Ore. . . . 24,878.00  
 G. B. Henly Const. Co., On-

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—J. F. Shea Co. 617 S. Olive St., Los Angeles, at \$2,261,581.50, was awarded contract by the Board of Directors of the Metropolitan Water District, Los Angeles, for the construction of the Palos Verdes Feeder of the Colorado River Aqueduct, under Spec. 225. The line is approximately 17.4 miles in length, and is located in South Pasadena, Los Angeles, and Vernon, and in unincorporated county territory. Plans for the project were prepared by F. E. Weymouth, General Manager and Chief Engineer. The contract was awarded on Schedules, as follows:

Sch. 21-SC—Gunitite-coated welded steel pipe with spun mortar lining and gunited joints, between Stations 0 plus 10.25 and 297 plus 59, inside diam. of steel pipe, 55 in.; length, 28,930 ft.

Sch. 22-SC—Same type between Stations 297 plus 67 and 590 plus 00; inside diam. of steel pipe, 51 in.; length, 28,810 ft.

Sch. 23-SC—Same type between Stations 590 plus 00 and 951 plus 85; inside diam. of steel pipe, 51 in.; length, 31,470 ft.

The materials, including cement, coal tar enamel, gunitite, reinf. mesh, etc., to be furnished by the district, amount to \$177,300, making the total for the line, \$2,538,881.50.

Work will probably start about October 15 and the time for completion, as fixed by the specifications, is Dec. 31, 1928.

The engineer's analysis of the bids showed, in addition to the above figures upon which the award was made, that J. F. Shea Co. was also low on Schedules 21-SE, 22-SE, and 23-SE, gunitite coated welded steel pipe with coal tar enamel lining, a total of \$2,345,572, with district furnished materials amounting to \$205,570, or a total of \$2,551,142.

The other combination, next in line, was United Concrete Pipe Corp. on Schedule 21-P for coated concrete pipe, at \$731,192.75 and J. F. Shea Co. on Schedules 22-SC and 23-SC, \$1,579,164, or a total for the combination of \$2,310,366.75, with district furnished materials amounting to \$241,465, or a grand total of \$2,551,821.75.

Complete bids were published September 7th in the Daily Pacific Builder.

#### BIDS WANTED

**SNOWFLAKE, Navajo Co., Ariz.**—Until Sept. 25, 10 a. m., bids will be received by the Board of Directors of the Showlow-Silver Creek Water Conservation and Power District, Navajo County, Arizona, for the construction of canals, pumping plant, and structures, all part of the Showlow-Silver Creek Water Conservation and Power District, in accordance with plans and specifications on file in the office of the District Engineer, James B. Grand, 405 Ellis Bldg., Phoenix, Ariz. Copies of the plans and specifications may be obtained upon deposit of \$10, returnable if U. S. Currency or certified check for 10; must accompany each bid. Samuel F. Snow, Secretary. The work is divided into four sections, viz:

1. Diversion works at Daggs Reservoir, consisting of forebay, flume, and afe race, and a canal about 13 miles long with a capacity of 30 sec. ft. of water, a by-pass from Daggs

Reservoir to Mexican Lake, and a drop and penstock along the canal line.

2. Pumping plant on Silver Creek and installation of two pumps as shown on the plans, together with the installation of pumps, and all electrical equipment including a pole line from the present 4600-volt line to the pumping plant, with transmission lines and transformers, etc., in place and ready to operate.

3. Furnishing two 5000-g.p.h. low head, propeller type pumps, complete with strainers, pump bowls, pump columns and housing, discharge elbow, pump mounting and pump motors, unit to be complete from the strainer bowl to the connection with the switch gear, at the pumping station on Silver Creek.

4. A canal from the pumping plant to carry 30 sec. ft. of water, with an approximate length of 12 miles. \*

#### 24—STREET LIGHTING

##### BIDS OPENED

**EXETER, Tulare Co., Calif.**—R. A. Wattson, 1026 N. McCadden Place, Los Angeles, at \$11,958.56 (Proposition "A") and \$4,083.56 (Proposition "C"), and Scott-Buttner Electric Co., 2214 Webster Street, Oakland, at \$220 (Proposition "B"), submitted low bids to the Exeter City Council, Alton Jordan, City Clerk, City Hall, Exeter, for the removing of present system of electroliers and cables including 4,000 ft. of cable and 20 electroliers, standards and units, and installing 6 blocks about 4000 ft. of cable and 32 20-ft. single light pendant electroliers or more. Bids are also requested for an additional three blocks about 2500 feet of cable and twelve 20-foot single light pendant electroliers.

Bids are being received in three propositions, as follows:

**PROPOSITION "A":** Pine St. from Fuller Ave. to D St. and E St., from Palm St. to Maple St., removing electroliers and cables and installing the new street lighting system, consisting of 32 electroliers, complete with all accessories.

**PROPOSITION "B":** Furnishing and installing each additional electrolier complete with all accessories, at locations 2, 4, 6, 8, 16, 18, 20 and 22, including credit allowed for the omission of a pull box at such locations;

**PROPOSITION "C":** Pine St., from D St. to Kaweah Ave., furnishing and installing the lighting system, complete, consisting of 12 electroliers, together with all accessories.

Total bids follow:

R. A. Wattson, 1026 N. McCadden Place, Los Angeles—(A) \$11,958.56, (B) \$28, (C) \$4,083.56.

Scott-Buttner Elec. Co., 2214 Webster St., Oakland—(A) \$13,967, (B) \$20, (C) \$175.

Robertson Electric Co., Fresno—(A) \$12,775, (B) \$260, (C) \$1500.

Sam Fingerhut, Bakersfield—(A) \$1888, (B) \$222, (C) \$4276.

Underground Constr. Co., Berkeley—(A) \$13,128, (B) \$250, (C) \$4392.

The Union Metal Co., Los Angeles—(A) \$13,150, (B) \$250, (C) \$4400.

R. Flatland, San Francisco—(A) \$1649, (B) —, (C) \$5350.

R. Flatland, San Francisco, under Proposition "B", submitted a bid of \$270 for the entire job, rather than a unit price. \* 24

#### 25—MACHINERY AND EQUIPMENT

##### BIDS OPENED

**LOS ANGELES, Cal.**—Until Sept. 28, 2 P. M., bids will be received by

Los Angeles Water & Power Purchasing Agent for disconnect switch, etc., Spec. No. 2402. Bids will be taken on the following:

(1) 160 400-volt, single throw, 7500-volt, front connected, disconnect switches, in accordance with item 5 of standard specification 216-DD;

(2) 6 1200-amp. single throw, 7500-volt indoor do;

(3) 15 600-amp. double throw, 34,500-volt indoor transfer selector disconnect switches in accordance with item 15 of standard spec. 216-DD;

(4) 25 2-screw bus support clamps with 3/4-in. stud for round bus bars "D" dimension, 1 1/2-in. "D" dia., 1-in. iron pipe size, in accordance with item 14 of standard spec. 216-DD;

(5) 15 2-screw bus support clamp with 1-in. "D", 2 1/2 1/2-in. dia. same;

(6) 20 4-bolt bus support clamps for flat bus bars, flat mounting, 3/4-in. main, 3-in. tap in accordance with item 16 of stand. spec. 216-DD;

(7) 18 3-bolt triangular bus support clamps for flat bus bars, edgewise mounting, 1/2-in. stud, 2-in. main in accordance with item 19 of standard spec. 216-DD;

(8) 30 4-bolt bus support clamps for flat bus bars, edgewise mounting, 1/2-in. stud, 3-in. main, 1-in. tap in accordance with item 21 of stand. spec. 216-DD;

(9) 90 heavy 3-bolt curved back, triangular clamps for flat bus bars for 3-in. main, 1 1/2-in. in tap in accordance with item 23 of the standard spec. 216-DD;

(10) 50 heavy insulator bases with two 3/4-in. "U" bolts for 1 1/2-in. standard iron pipe size, 3/4-inch stud in accordance with item 26 of standard spec. 216-DD.

##### BIDS OPENED

**SAN LUIS OBISPO, Calif.**—Longwell & Kennedy, 293 Acacia St., San Francisco, at \$2.50 per hour submitted low bid to the State Highway Department, San Luis Obispo, for rental of two 34-cu. yd. trucks for use in Monterey County for a period of from 45 to 60 days.

The following submitted identical bids at \$2.83 per hour: C. V. Clark, Jr., North Hollywood; McReynolds Trucking, Oakland; Janssen & Morgan, Pasadena and the Rock & Gravel Trucking Co., Oakland.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Judson Pacific Co., 609 Mission St., San Francisco, represented by Coast Engrg. & Equip. Co., Los Angeles, at \$23,575, was awarded the contract by the Metropolitan Water District for furnishing five 20-ton combination electric motor and manually floor operated auxiliary cranes for use in handling pump parts and intermediate shafts at the Aqueduct Pumping Plants; Spec. 229.

##### BIDS WANTED

**LOS ANGELES, Calif.**—Until Sept. 17, 3 p. m., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for the rental of core drilling equipment, complete with all accessories and operating personnel, for drilling through overburden and rock for taking dry samples and core samples in the proposed Hansen Dam in Tulare Wash. Los Angeles County, Circular Proc. 509-38-33. The bid call involves two items of rental of equipment as noted above, each for approximately 800 hours, to be used consecutively.

**CONTRACTS AWARDED**

**LOS ANGELES, Calif.**—S. Morgan and Co., York, Pa., at \$16,655 was awarded contract by the Metropolitan Water District for Schedule 2 Spec. 230, for sliceway control valves, for York, Pa.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Nordberg Eng. Co., Milwaukee, Wis. (17 S. Vermont St., Los Angeles) at \$11,100 was awarded contract by the Metropolitan Water District for furnishing electric line hoist for the Lawrence Adit at the San Jacinto Tunnel, Item 2 of spec. 236, for Milwaukee.

**CONTRACTS AWARDED**

**LOS ANGELES, Calif.**—Contracts for induction relays, Bid No. 87516, pec. E-341, were awarded by the Metropolitan Water District as follows:

Westinghouse Electric & Mfg. Co., items 14 to 19 and 11, 14, 15, 17 to 18, at \$16,380.50;  
General Electric Co., items 16 and 17, at \$395.25.  
Western Electric Mechanical Co., items 3 and 13 and 2 and 12, \$418.74

**IDS OPENED**

**SAN LUIS OBISPO, Calif.**—M. J. San Luis, Monterey, at \$450 per hour, submitted the low bid to the State Highway Dept., San Luis Obispo, for the rental of one 1/2-c.y., crawler type, power shovel for use in Monterey County. The Rock & Gravel Trucking Co., Oakland, was low bidder for rental of a second 1/2-c.y. shovel, at \$540 per hour.

**IDS OPENED**

**SAN LUIS OBISPO, Calif.**—J. L. Conner, Monterey, at \$605 per hour each, submitted the low bid to the State Highway Dept., San Luis Obispo, for the rental of two tractors with carryall and bulldozer for use in grading work in Monterey, Rd. V-107-117-Mon.

**IDS OPENED**

**SAN LUIS OBISPO, Calif.**—The Price Co., Santa Monica, at \$206 per hour each, submitted the low bid to the State Highway Dept., San Luis Obispo, for the rental of four 3-c.y. trucks for use on highway work in Dist. V, Monterey County.

**IDS WANTED**

**GILA PROJECT, Ariz.**—Until Oct. 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 972-D for eight sluiceways and eight diversion gates for installation in Basin No. 3 of the diverting works of the Gila Valley Canal Diversion Proj., Ariz. Gates will be installed by the Government; for floating point and/or Potholes, Cal. Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**BONNEVILLE, Ore.**—Hesse-Erstedt nor Works, 816 SE Taylor St., Portland, at \$8812.00 was awarded contract by the District Engineer, U. S. Engineer Office, Bonneville, for one drum electric hoist complete with winding ropes, sheaves, and anchor bolts.

**COMPLETE BIDS**

**SAN LUIS OBISPO, Calif.**—As previously reported, M. J. Murphy, Inc., Monterey, at \$150 per hour, submitted the low bid to the State Highway Department, San Luis Obispo, for the rental of one 1/2-c.y. crawler type, power shovel for use in Monterey County. The Rock & Gravel Trucking Co., Oakland, at \$540 per hour was low for rental of a second 1/2-yard shovel.

J. L. Conner, Monterey, at \$605 per hour each, submitted the low bid for the rental of two tractors with carryall and bulldozer.

The Price Co., Santa Monica, at \$206 per hour each submitted the low bid for the rental of four 3-c.y. yd. trucks.

The complete bids were:

C. E. Huls, Merced: Shovel No. 1, Byers, 1 1/2-yd. 1936, \$650 per hour. Trucks Nos. 1, 2, 3 and 4, Indiana, 3-yd. 1936, \$253 per hr. each.

M. J. Murphy, Inc., Carmel: Shovel No. 1, P&H, 1/2-yard, 1937, \$450 per hour.

Circle Truck Co., Los Angeles: Truck No. 1, Ford, 4-yard, 1936, \$209 per hr.; trucks Nos. 2, 3 and 4, Ford, 4-yd., 1936, \$209 per hr. each.

A. C. Busey, Riverside: Shovel No. 1, Lorain, 1/2-yd. 1936, \$650 per hr. Trucks Nos. 1 and 2, Ford V8, 1936, \$245 per hr. each; trucks Nos. 3 and 4, Ford V8, 3-yd., 1936, \$245 per hr. ea.

Kenneth Richards & Co., Pasadena, Trucks Nos. 1, 2 and 3, GMC, 3-yd. 1936, \$243 per hr. ea., truck No. 4, GMC, 3-yd., 1937, \$243 per hr.

Claybrook and Royals, Pasadena: Trucks Nos. 1 and 2, GMC, 3-yd., 1936 \$243 per hr. each; truck No. 3, Ford, 3-yd., 1937, \$243 per hr.; truck No. 4, Ford, 3-yd., 1936, \$243 per hr.

C. V. Clark, Jr., North Hollywood: Trucks Nos. 1, 2 and 3, Mack, 3 1/2-yd. 1937, \$283 per hr. ea.; truck No. 4, GMC, 3 1/2-yd., 1937, \$283 per hr.

Nick Vlachic, Los Angeles: Truck No. 1, Ford, 3-yd., 1936, \$198 per hr. (Disqualified, bid incomplete).

La Marr Dump Truck Service, Pasadena: Trucks Nos. 1, 2 and 3, Ford, 3-yd., 1934, \$218 per hr. ea., truck No. 4, Ford, 3-yd., 1936, \$218 per hr.

Henson & Jones, Pasadena: Trucks Nos. 1, 2, 3 and 4, GMC, 3-yd., 1936, \$243 per hr. ea.

The Price Co., Santa Monica: Shovel No. 1, Lorain, 1/2-yd. 1935, \$610 per hour; shovel No. 2, Bay City, 1/2-yd. 1937, \$545 per hr. Trucks Nos. 1 and 2, Ford, 3-yd. 1936, \$206 per hr. ea.; trucks Nos. 3 and 4, Ford, 4-yd., 1936, \$206 per hr. ea.

Rock & Gravel Trucking Co., Oakland: Shovel No. 1, P&H, 1/2-yd. 1936, \$590 per hr.; shovel No. 2, P&H 1/2-yd., 1936, \$540 per hr. Trucks Nos. 1, 2, 3 and 4, GMC, 3-yd., 1935, \$243 per hr. ea.

**CONTRACT AWARDED**

**ALL-AMERICAN CANAL**—Eagle Electric Supply Co., Boston, Mass., at \$36,645.70 (Item 1) and \$2,621.75 (Item 3) and Williamsburg Electric Supply Co., Brooklyn, N. Y., at \$5,970.44 (Item 2) were awarded contracts by the Bureau of Reclamation, for insulating cable for Imperial Dam, All-American Canal Project.

**CONTRACTS AWARDED**

**BOULDER CANYON PROJ.**—Westinghouse Electric & Manufacturing Co., Washington, D. C., at \$14,152 (Item 1) and NePage-McKenny Co., Seattle, at \$18,223 (Item 2) awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 756, for furnishing and delivering materials at the shipping and receiving wharves for the main control equipment, 250-c.v. main current distribution switchboards, and 600-volt and miscellaneous alternating-current control equipment for the control of generating units N-5 and N-6 in Boulder power plant, Boulder Canyon project. All material will be installed by the Government.

(1) Main control equipment;  
(2) 460-volt and misc. A.C. control equipment

**BIDS OPENED**

**SAN FRANCISCO**—Alexander Bros. Truck Contracting Co., 2575

Thermal St., Oakland, at \$620 per hour submitted low bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 4th St., San Francisco, under Bid No. 4476, for the rental of one power shovel, not less than 3/4-yard, crawler type, for about 160 hours use near Berkeley.

Total bids follow:

Alexander Bros. Truck Contracting Co., \$620 per hour, 2 days del.; net.  
Granfield-Farrar & Carlin, San Francisco, \$675 per hour, 1 day del.; net.  
Aras-Knapp Co., \$700 per hour, 1 day del.; net.

**BIDS OPENED**

**SAN FRANCISCO**—Portola Truck Service, 1540 Bayshore Blvd., San Francisco, at \$234 per hour submitted low bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, under Bid No. 4477, for the rental of one truck, with not less than 1000-gal. water tank and sprinkler attachment, for about 160 hours' use near Berkeley.

Total bids follow:

Portola Truck Service, 1540 Bayshore Blvd., San Francisco, \$234 per hour, 1 day delivery; net.  
E. J. McCabe: \$235 per hour, 1 day delivery; net.  
Peter Sutso, \$245 per hour, 1 day delivery, 25c per hour discount 30 days.  
Hayward Bldg. Supply Co., \$260 per hour, 2 days delivery; net.

**BIDS OPENED**

**BOULDER CANYON PROJECT**—The following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., under Spec. No. 960-D, for (1) two 230-kv, 3-pole disconnecting switches; and (2) 230-kv, 3-phase, outdoor type lightning arresters for installation in the Boulder Power Plant, Boulder Canyon Project. Work to be installed by the Government; f.o.b. Boulder City.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—(1) \$17,670.  
Bovay Switch Co., San Francisco—(1) \$18,353.80.  
Railway & Industrial Engrg. Co., Greensburg, Pa.—(1) \$16,378.80.  
Electric Power Equipment Co., Philadelphia, Pa.—(1) \$16,393.  
Pacific Electric Mfg. Co., S. F.—(1) \$16,353.80.  
General Electric Co., Schenectady, N. Y.—(1) \$16,754, (2) \$17,160.

**CONTRACT AWARDED**

**BONNEVILLE, Ore.**—Link-Belt Co., 390 W. Pershing Road, Chicago, at \$7,145, was awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-27, for ten traveling water screens with all operating mechanisms and necessary appurtenances, ready for complete installation at the Bonneville Project.

**CONTRACT AWARDED**

**DENVER, Colo.**—The Smith Corp., dist. General Iron & Steel Works, Portland, Oregon, at \$1675 (Item 1) and \$12,300 (Item 2) was awarded contract by R. F. Walter, Chief Engineer, Bureau of Reclamation, Denver, under Spec. No. 955-D, for furnishing and delivering f.o.b. shipping point and/or railroad destination at the option of the bidder, 1100 interior differential needles for installation in the outlet works of the Grassy Lake Dam, Upper Snake River Project, Idaho and 12 two 42-in. diameter interior differential needles for installation in the outlet works of the Ross Dam Turbine Storage

Project, Nevada - California. Work will be installed by the Government.

### CONTRACTS AWARDED

**BONNEVILLE, Oregon**—Berkeley Steel Construction Co., Inc., Second and Camelia Streets, Berkeley, at \$34,323 (Schedule 1) and Lakeside Bridge and Steel Co., Milwaukee, Wis., at \$25,740 (Schedule 2), were awarded contract by the District Engineer, U. S. Engineer Office, Bonneville, Oregon, for steel truss racks, gates, stop logs, lifting beams, dogging devices and storage hooks for the powerhouse at Bonneville Dam; f.o.b. shipping point and/or Bonneville.

Work involves:

- SCHEDULE I**
- 30 Main unit trash rack intermediate sections;
  - 6 Main unit trash rack bottom sections;
  - 4 Station service unit trash rack intermediate sections;
  - 1 Station service unit trash rack bottom section;
  - 1 Station service unit trash rack top section.

- SCHEDULE II**
- 7 Trash sluice weir gates;
  - 21 Trash sluice weir stop logs;
  - 28 Dogging devices for gates;
  - 14 Stop log storage hooks;
  - 1 Station service trash gate;
  - 1 Trash sluice control gate;
  - 1 Trash rack lifting beam;
  - 1 Trash sluice lifting beam. 25

### CONTRACTS AWARDED

**BONNEVILLE, Ore.**—The following were awarded contracts by the U. S. Engineer Office, Bonneville, under Bid No. 694-38-8, for fishway gates, stop logs, and miscellaneous steel for Bonneville Project:

Pacific Car & Foundry Co., White Bldg., Seattle—(1) \$9046; (3) \$3356; (5) \$47,276; (8) \$2176.

Berkeley Steel Constr. Co., Inc., Second and Camelia Sts., Berkeley—(1) \$19,094; (6) \$13,460.

Lakeside Bridge & Steel Co., Milwaukee, Wis.—(4) \$9860; (9) \$4605.

General Iron & Steel Works, 1870 SW Front St., Portland—(7) \$10,269.

### BIDS WANTED

**LOS ANGELES, Cal.**—Until Sept. 22, 4 P. M., bids will be received by Los Angeles Board of Education purchasing bureau for one 10-h.p. diesel engine and one type 4, 2 1/2-h.p. steam turbine, Bid JC2930.

## 26—RAILROADS

### CONTRACT AWARDED

**SAN FRANCISCO**—Easton & Smith 715 Ocean Ave., at \$2300, awarded contract by State Board of Harbor Commissioners, Frank G. White, Engineer, for laying railroad track at Islais Creek. Other bidders were: Pacific Pavement Co. \$2,978.00; A. D. Shader 3,165.00.

### CONTRACT AWARDED

**BONNEVILLE, Prof. Ore.**—Wren & Greenough, 2407 NW 28th Street, Portland, at \$66,825 were awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 691-38-55, for furnishing and placing H-pile along the S. P. & S. Railway and adjacent property in the vicinity of North Bonneville. Est. cost, \$87,750.

### BIDS OPENED

**HOOD RIVER, Ore.**—Kern & Kibbe 42 SE Salmon, Portland, at \$48,142 submitted low bid to U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-71, for protective work for the Mount Hood Railroad, Hood River, Oregon.

Work involves:

- (1) 3,200 c.y. unclass. excav.;
  - (2) 15,000 c.y. unclass. borrow;
  - (3) 9,600 tons (2000 lbs.) of loose rock riprap in place;
  - (4) 270 c.y. gravel covering of levee;
  - (5) 80 hours furnishing and operating three-wheel roller;
  - (6) 1 job track adjustment;
  - (7) 160 each, new cross ties in place;
  - (8) 75 lf. 6-in. concrete or vitrified sewer pipe in place;
  - (9) 52 lf. 8-in. conc. or vit. sewer pipe in place;
  - (10) 245 lf. 10-in. concrete or vitrified sewer pipe in place;
  - (11) 160 lf. 12-in. concrete or vitrified sewer pipe in place;
  - (12) 280 lf. 6-in. clay drain tile in place;
  - (13) 280 lf. 8-in. clay drain tile in place;
  - (14) 20 lf. 8-in. cast iron sewer pipe in place;
  - (15) 1 job raising wood frame shed;
  - (16) 600 c.y. class B concrete in place;
  - (17) 87,000 lbs. reinf. steel in place;
  - (18) 9,000 lbs. electrically welded fabric in place;
  - (19) 1 job miscellaneous ferrous metal in place;
  - (20) 1 job painting;
  - (21) 1 job sluice gate in place.
- Total bids follow:
- Kern & Kibbe, 42 SE Salmon, Portland ..... \$48,142  
 Leonard & Slate, Multnomah, 49,976  
 Parker - Schram Co., Portland \$3,246  
 Kuckenberg - Wittman, Inc., 55,155  
 Sam Orino, Bonneville, 55,792  
 MacEran Bros., Seattle, 56,876  
 Guthrie-McDougall, Portland ..... 56,737  
 Dan Teters & Co., Riverside, \$61,795.75  
 United Contracting Co., ..... 79,141
- Unit prices on file at the office of the Daily Pacific Builder.

### BIDS OPENED

**SAN FRANCISCO** and Alameda Co., Cal.—General Welding Co., 951 Folsom Street, San Francisco, at \$2,527.05, submitted only bid to the State Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, under Contract R-11 and R-21B, for the construction of bonding of the track work and contact rail of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

- CONTRACT R-11—San Francisco Loop, Main Bridge**
- (1) 15,000 1 1/2-in. 250,000 c.m. bonds;
  - (2) 110 250,000 c.m. bonds at special track work;
  - (3) 1670 350,000 c.m. bonds, lengths from 3 to 6 ft.;
  - (4) 590 350,000 c.m. bonds, lengths from 7 to 19 ft.;
  - (5) 70 350,000 c.m. bonds, lengths from 20 to 40 ft.;
  - (6) 390 No 2 AWG bonds;
  - (7) 155 negative feeder taps;
  - (8) 4700 lf. 1,000,000 c.m. jumper cable connections between, negative feeder taps;
  - (9) 6000 lf. 500,000 c.m. cross cable bond;
  - (10) 1180 welding and bonding 150 lbs. contact rail joints;
  - (11) 1240 11-in. 4/0 bonds;
  - (12) 165 1,000,000 c.m. cone terminals;
  - (13) 65 500,000 c.m. cone terminals;
  - (14) 10 units, spark gap and connectors;
  - (15) 335 500,000 c.m. contact rail jumpers, lengths from 8 to 16 ft.;
  - (16) 135 500,000 c.m. contact rail jumpers, lengths from 16 to 38 ft.
- CONTRACT R-21B—East Bay Yard**
- (1) 8000 1 1/2-in. 250,000 c.m. bonds;
  - (2) 250 250,000 c.m. bonds at special track work;
  - (3) 850 350,000 c.m. bonds, lengths from 3 to 6 ft.;
  - (4) 350 350,000 c.m. bonds, lengths from 7 to 19 ft.;

- (5) 90 350,000 c.m. bonds, lengths from 20 to 40 ft.;
- (22) 650 No. 2 AWG bonds;
- (23) 80 negative feeder taps;
- (24) 3000 lf. 1,000,000 c.m. cross bond cables, connecting to negative feeder taps;
- (25) 60 units structure grounding bonds to ground rod;
- (26) 70 units structure grounding bonds to yard rails;
- (27) 260 welding and bonding, 150 lbs. contact rail joints;
- (28) 120 11-inch 4/0 bonds;
- (29) 15 1,000,000 c.m. cone terminals;
- (30) 5 500,000 c.m. cone terminals;
- (31) 55 500,000 c.m. contact rail jumper cables, lengths from 8 to 16 ft.;
- (32) 22 500,000 c.m. contact rail jumper cables, lengths from 16 to 22 ft.;

Unit prices follow:

(1).....	\$ .86	(2).....	\$. 75
(3).....	. 85	(4).....	1.10
(5).....	. 85	(6).....	. 70
(7).....	. 90	(8).....	. 60
(9).....	. 12	(10).....	. 45
(11).....	. 66	(12).....	1.50
(13).....	1.15	(14).....	4.25
(15).....	2.25	(16).....	2.75
(17).....	. 78	(18).....	. 84
(19).....	. 78	(19).....	1.15
(21).....	1.40	(22).....	. 75
(23).....	. 90	(24).....	. 25
(25).....	3.50	(26).....	3.00
(27).....	4.50	(28).....	. 78
(29).....	1.50	(30).....	1.15
(31).....	2.75	(32).....	3.25

## 29—STREETS AND HIGHWAYS

### CONTRACT AWARDED

**PLACER CO., Calif.**—Frederickson & Westbrook, P.O. Box 138, Lower Lake, at \$14,330, was awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 E St., Marysville, for surfacing with road-mix surfacing two miles between Gold Run and Airport, Placer County. 28

### BIDS WANTED

**SAN LEANDRO, Alameda Co., Cal.**—As previously reported, until Oct. 4, 9:00 p.m., bids will be received by San Leandro City Council, E. F. Hutchings, City Clerk, from the facing of East 14th Street, from the creek to Davis Street, and on either side of the East Bay Street Railway, from Davis Street south to the City Limit. Estimated cost, \$6770.

Work involves:

- (1) 15,129 sq. yds. removing old material;
  - (2) 530 tons natural rock asphalt.
- Plans and specifications may be obtained from the City Engineer, John Carl Thayer.

### COMPLETE BIDS

**COCONINO CO., Arizona**—Reliance Truck Co., 1410 S. 7th St., Phoenix, Arizona, at \$12,511, submitted low bid to the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for applying asphaltic surface treatment to about 11.2 miles of the highway about 92 miles north of Flagstaff on the Flagstaff-Fredonia Highway.

Work involves:

- (1) 298 M. gals. sprinkling (CIP);
  - (2) 179 hours rolling;
  - (3) 211,792 gals. road oil, SC-2 (CIP);
  - (4) 271 cu. yd. blower material (CIP).
- Total bids follow:
- (A) Reliance Truck Co., 1410 S. 7th St., Phoenix—\$12,511.
  - (B) W. E. Orr, Prescott—\$12,539.70.
  - (C) Tiffany Constr. Co., Phoenix—\$13,106.03.
  - (D) J. A. Casson Co., Phoenix—\$13,523.30.
  - (E) Skousen Bros., New Mexico—\$13,665.70.



**(F) So. Calif. Roads Co., Los Angeles—\$14,333.70.**

Unit prices follow:

	(1)	(2)	(3)	(4)
(A).....	\$4.00	\$4.00	\$0.09	\$2.00
(B).....	3.50	3.25	.094	1.50
(C).....	4.50	3.50	.096	1.50
(D).....	4.70	3.00	.10	1.50
(E).....	4.50	3.75	.10	1.75
(F).....	5.00	4.00	.10	3.50

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Morrison-Knudsen Co., Inc., 411 W. 5th St., has been awarded contract by Southern Pacific Co. for grading and constructing channel change and roadbed for railroad relocation between Russ and Lang Stations, Los Angeles County, on the Bakersfield-Los Angeles main line route. Work involves 27,250 c.y. excav. at \$0.49 c.c. yd. of grading measured in excavation and no additional payment for overhaul.

**BIDS WANTED**

**CALAVERAS COUNTY, Cal.**—Until Sept. 27, 2:00 P. M., bids will be received by the State Division of Highways, Department of Public Works, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for applying road-mix surface treatment to 3.3 miles of existing roadbed between Stanislaus county line and Rock Creek via Milton, Calaveras County.

- Work involves:
- (1) 32 tons liquid asphalt, SC-1 or SC-2 (prime coat);
  - (2) 170 tons liquid asphalt, SC-3 (road-mix surf. treatment);
  - (3) 31,000 sq. yds. preparing, mixing and shaping roadbed.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SANTA CLARA CO., Calif.**—Until September 27, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the improvement of Homestead Road from Laurence Station road to the Sunnyvale - Saratoga road, District No. 4.

- Work involves:
- (1) 213,980 sq. ft. surfacing;
  - (2) 399 tons asphalt concrete base material.
- Plans and specifications may be obtained from the above office upon deposit of \$1.00.

**COMPLETE BIDS**

**LOW BIDDER**

**SACRAMENTO, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada Cos., Cal.**—A. W. Simmonds, 3400 "J" St., Sacramento, at \$2,610 submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for applying a traffic stripe to about 510 miles of existing pavement in Sacramento, Placer, Yuba, Butte, Sutter, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

The State will furnish all white traffic lacquer used in this work. The lacquer will be delivered in 5-gallon containers at the following maintenance stations: Sacramento, Woodland, Williams, Willows, Chico, Marysville, Roseville, Auburn, Placerville, Nevada City and Colfax.

- Work involves:
- (1) 100 miles traffic stripe spotting;
  - (2) 510 miles traffic stripe painting.
- Total bids follow:
- (1) A. W. Simmonds, 3400 J St., Sacramento—(1) \$6.00; (2) \$4.00; total, \$2,640.00.
- Edwin Anderson, San Francisco—(1) \$5.10; (2) \$5.30; total, \$3,210.00.

**BIDS OPENED**

**OAKLAND, Calif.**—Ariss Knapp

Co., 961 41st St., Oakland, at \$27,605, submitted low bid to the Oakland Port Commission for grading and paving Maritime Street, Outer Harbor.

- Work involves:
- (1) 3000 c.y. removal of surfacing;
  - (2) 1000 tons riprap rock;
  - (3) 16,000 c.y. fill, in place;
  - (4) 4,000 tons imported material, in place;
  - (5) 6,300 tons crusher run rock, in place;
  - (6) Furnishing and placing four corrugated iron cross drains and inlet catchbasins.

Total bids follow:

(A) Ariss Knapp Co., 961 41st St., Oakland—\$27,605.

(B) Lee J. Immel, Berkeley—\$27,720.

Unit prices follow:

	(A)	(B)
(1).....	\$ 5.50	\$ 0.50
(2).....	2.20	3.00
(3).....	.39	.39
(4).....	.90	1.35
(5).....	2.15	2.00
(6).....	130.00	105.00

**BIDS WANTED**

**INGLEWOOD, Los Angeles Co. Cal.**—Until Sept. 21, 2:30 P. M. bids will be received by the Inglewood city council, Otto H. Duellke, city clerk, for improving Hillcrest Blvd. between Kelso St. and Manchester Blvd., 0.2 mile, to be graded and paved.

- Work involves:
- (1) 485 c.y. excavation;
  - (2) 2120 ft. curb to be removed;
  - (3) 19 trees to be removed;
  - (4) cut and remodel existing culverts at Hillcrest and Kelso Sts.;
  - (5) construct one culvert at Locust and Hillcrest;
  - (6) construct one culvert at Nutwood and Hillcrest;
  - (7) 5 c.y. concrete in culvert footings;
  - (8) 3 clean out boxes and covers;
  - (9) 2720 ft. concrete curb;
  - (10) 3180 sq. ft. concrete gutter;
  - (11) 495 sq. ft. concrete pavement;
  - (12) 775 tons Laykold premix;
  - (13) 8 sewer manholes to be raised.
- Plans and specifications may be obtained from Arthur W. Cory, city engineer, room 200, City Hall.

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Sept. 29, 10 A. M., bids will be received by Los Angeles board of public works for grading, paving and otherwise improving Sawtelle Blvd at Pico Blvd., a cash contract.

- Work involves:
- (1) lump sum grading (140 c.y. excavation and 165 c.y. fill, including removal of existing improvements and trees);
  - (2) 792 sq. ft. asphalt conc. pave., 8-in. thick, consisting of asphaltic concrete base, 6-in. thick, and asphalt. conc. wearing surf., 2-inch thick;
  - (3) 2666 sq. ft. concrete pavement, 8-in. thick;
  - (4) 2415 sq. ft. asphalt conc. wearing surface, 1-in. thick;
  - (5) 419 lf. unplastered heavy curb;
  - (6) 100 sq ft 1-course side-sulk, 3-inches thick;
  - (7) storm drain complete

**BIDS WANTED**

**SAN LUIS OBISPO COUNTY, Cal.**—Until October 6, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment to about 2.8 miles between Atascadero Summit and San Gabriel Ave., San Luis Obispo County.

- Work involves:
- (1) 150 sta. clear and grub right of way;
  - (2) 300 M gals. water,

- (3) 152,000 c.y. rdwy. excav., unclass
- (4) 775 c.y. ditch and channel excavation;
- (5) 4,215 c.y. struc. excav.;
- (6) 550,000 sta. yds. overhaul;
- (7) 12,500 c.y. imported borrow;
- (8) 5150 sta. finishing rdwy.;
- (9) 43,900 sq. yds. prepare, mix and shape roadbed;
- (10) 41 tons liquid asphalt, SC-2, prime coat;
- (11) 350 tons liquid asphalt, SC-3, road mix;
- (12) 41 tons liquid asphalt, 90-95 seal coat;
- (13) 300 tons screenings, seal coat;
- (14) 339 c.y. Class A Portland cement concrete structure;
- (15) 48,000 lbs. bar reinf. steel struc.
- (16) 52 FBMB dense select all-heart struc. Redwood timbers;
- (17) 33 FBMB select do.;
- (18) 768 lf. timber bridge railing;
- (19) 110 c.y. rubble masonry;
- (20) 392 lf. 8-in. CMP;
- (21) 1,366 lf. 18-in. CMP;
- (22) 450 lf. 24-in. CMP;
- (23) 58 lf. 30-in. CMP;
- (24) 396 lf. 36-in. CMP;
- (25) 142 lf. 18-in. CMP, 12 gauge;
- (26) 128 lf. 18-in. CMP, 8 gauge;
- (27) 138 lf. 60-in. CMP;
- (28) 16 each spillway assemblies;
- (29) 1,670 lf. laminated guard rail;
- (30) 49 each culvert markers;
- (31) 140 each guide posts;
- (32) 1.3 miles new property fence;
- (33) 10 each drive gates;
- (34) 42 each Redwood drop inlet covers;
- (35) 6 each clearance markers;
- (36) 81 each monuments complete in place.

The State will furnish CMP, hand couplers and spillway assemblies. Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SANTA CLARA CO., Calif.**—Until Sept. 27, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the construction of three reinforced concrete retaining walls on Purissima Avenue, south of Atascadero Road, District No. 5, Santa Clara County.

Plans and specifications may be obtained from the above office upon deposit of \$1.00.

**CONTRACT AWARDED**

**ELDORADO COUNTY, Cal.** Hemstreet & Del. 501 11th St., Marysville, at \$162,731.25 were awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 4.2 miles grading and surfacing with plant mixed surfacing medium curing type of crusher run base between one and 1/4 miles west of Eldorado and Clark Corner.

**BIDS WANTED**

**SANTA BARBARA COUNTY, Cal.**—Until October 6, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with plant mixed surfacing medium curing type of crusher run base between one and one mile east of Santa Barbara and a Bar

- Work involves:
- (1) 100,000 c.y. excav. and fill
  - (2) 100,000 c.y. excav. and fill
  - (3) 100,000 c.y. excav. and fill
  - (4) 100,000 c.y. excav. and fill
  - (5) 100,000 c.y. excav. and fill
  - (6) 100,000 c.y. excav. and fill
  - (7) 100,000 c.y. excav. and fill
  - (8) 100,000 c.y. excav. and fill
  - (9) 100,000 c.y. excav. and fill
  - (10) 100,000 c.y. excav. and fill

- (10) 11,000 sq. yds. prepare, mix and shape shoulders, embankment dikes and gutters;
- (11) 13 tons liquid asphalt, 90-95;
- (12) 270 tons screenings;
- (13) 1,650 c.y. Class A Portland cement concrete pavement;
- (14) 2 c.y. Class A Portland cement concrete struc.;
- (15) 6,300 lbs. bar reinf. steel pave. and struc.;
- (16) 3,300 each pavement dowels;
- (17) 98 lf. 8-in. CMP;
- (18) 28 lf. 18-in. CMP;
- (19) 16 lf. 24-in. CMP;
- (20) 6 each spillway assemblies;
- (21) 950 lf. remove and reset existing guard railing;
- (22) 5 each culvert markers;
- (23) 27 each monuments;
- (24) 36,000 sq. yds. ground cover;
- (25) 42 each 6x6-in. by 6-ft. metal headers;
- (26) 97 each 6x8-in. by 8-ft. metal stretchers;
- (27) 42 each metal header caps.
- Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

MERCED CO., Calif.—J. A. Casson, 319 Warren St., Hayward, at \$43,761.25, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for about 10.5 mi. armor coat to be applied to the existing pavement and borders between 1 of Banos and 10.5 miles east, Merced County. 9

**BIDS OPENED**

OAKLAND, Cal.—Heafey-Moore Co. 344 High St., Oakland, at \$23 per sq. yd., submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing 6,635 sq. yds. parking lot at the Oakland Municipal Auditorium.

\*Total bids follow:

	per sq. yd.
Heafey-Moore Co., Oakland.....	\$23
W. H. Larsen, Oakland.....	249
Lee J. Immel, Berkeley.....	254
Independent Const. Co., Ltd., Oakland.....	26
Ransome Co., Oakland.....	33
Tieslau Bros., Inc., Berkeley.....	3475

**BIDS WANTED**

NYE COUNTY, Nev.—Until Sept. 20, 2 P. M., bids will be received by the Nevada State Highway Department, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for constructing 9.24 miles of State Highway in Nye Co., from a point nine miles east of east boundary of Nevada National Forest to a point two miles east of Warm Springs, Rt. 4, Section B2.

- Work involves:
- (1) 57,045 c.y. rdwy. excav.;
  - (2) 7,560 c.y. drainage excav.;
  - (3) 125 sta. "V" type ditches;
  - (4) 26 sta. slope rounding;
  - (5) 61,977 yd. sta. overhaul (yd. sta.)
  - (6) 194 yd. m. overhaul (yd. mi.);
  - (7) 1,600 c.y. structure excav.;
  - (8) 1,200 c.y. backfill;
  - (9) 9.24 miles subgrade, type C;
  - (10) force account, roadside cleanup;
  - (11) 18 M. gals. water;
  - (12) 11,750 tons gravel base, type 1;
  - (13) 43,880 tons gravel base (yd. sta.);
  - (14) 370 c.y. Class A concrete;
  - (15) 29 c.y. Class B concrete;
  - (16) 280 lf. 18-in. corr. metal pipe (dipped);
  - (17) 748 lf. 24-in. do;
  - (18) 41,400 lbs. reinforcing steel;
  - (19) 52 c.y. routed, hand laid riprap;
  - (20) 34 each monuments.

Plans and specifications may be obtained from the above office and also at the office of the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.

**CONTRACT AWARDED**

LARIMER CO., Colo.—DeEemer & Acheson, Denver, Colo., at \$34,957.50, was awarded contract by the U. S. Bureau of Public Works, for grading, Berthoud Pass, Colorado Forest Project 32-C6, Larimer County, Colorado.

**CONTRACT AWARDED**

CLEAR CREEK CO., Colo.—Hamilton Gleason Co., Denver, Colo., at \$86,690.50, was awarded contract by the U. S. Bureau of Public Roads, for grading, Boulder-Idaho Springs Highway, Colorado Forest Project 29-E, Clear Creek County, Colorado.

**BIDS WANTED**

SALINAS, Monterey Co., Calif.—Until September 20, 7:30 p.m., bids will be received by the Board of Education of the Salinas City School District, 102 Salinas National Bank Bldg., Salinas, for the improvement of a portion of Iverson Street.

Plans and specifications may be obtained from the above office, upon deposit of \$5.00.

**BIDS WANTED**

REDWOOD CITY, San Mateo Co., Cal.—Until Sept. 20, 8 P. M., as previously reported, bids will be received by the Redwood City Council, B. E. Myers, City Clerk, for grading and constructing concrete curbs and gutters on Hillview Avenue from Hopkins Avenue to Brewster Avenue.

- Work involves:
- (1) 20,829 sq. ft. pavement;
  - (2) 154 lf. cement concrete combined curbs and gutters;
  - (3) 791 c.y. cutting (excavation);
  - (4) 136 c.y. filling.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

COCONINO CO., Ariz.—Bellance Truck Co., 1410 S. 7th St., Phoenix, Arizona, at \$12,511, submitted low bid to the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for applying asphaltic surface treatment to about 11.2 miles of highway along 12 miles north of Flagstaff to the Flagstaff-Fredonia Highway.

- Work involves:
- (1) 300 M. gals. sprinkling (CIP);
  - (2) 180 hours rolling;
  - (3) 111,800 gal. road oil, SC-2 (CIP);
  - (4) 270 c.y. blotter material (CIP).
- Plans and specifications may be obtained from the above office, at \$12,540, submitted the second low

**BIDS WANTED**

HAYWARD, Alameda Co., Calif.—Until Sept. 15, 8 P. M., bids will be received by the Hayward City Council, City Clerk, City Hall, Hayward, for the improvement of Castro Street from "C" Street to Jackson Street, Hayward.

- Work involves:
- (1) 200 c.y. removing and disposing of existing Portland cement concrete;
  - (2) 10 sta. finishing rdwy.;
  - (3) 220 tons crusher run base;
  - (4) 200 tons asphalt concrete;
  - (5) 160 c.y. Class A Portland cement concrete pavement (widening);
  - (6) 240 each pavement dowels;
  - (7) 150 lbs. bar reinf. steel;
  - (8) 150 c.y. Class A Portland cement concrete curb, driveway & sidewalk;
  - (9) 2 special Portland cement concrete catchbasins;
  - (10) 2 special Portland cement concrete brick manholes;
  - (11) 1 special Portland cement concrete culvert extension;
  - (12) 426 lf. 30-in. corr. metal pipe;
  - (13) 9 street lighting standards relocated;
  - (14) 110 lf. 2-inch conduit;
  - (15) 1160 lf. 1½-in. conduit;

- (16) 4000 lf. electrolier cable;
- (17) 2 junction boxes.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

GILA CO., Ariz.—Until September 29, 10 a.m., bids will be received by the Arizona State Highway Commission, Phoenix, for subgrading, aggregate base course and asphaltic surface treatment to 20½ mi. highway at the Gila-Navajo County Line, Globe-Shellow Highway, F.A. Nos. 105-1.D.E.J.F & G.

- Work involves:
- (1) 20 mi. subgrading roadway and reinforcing slopes;
  - (2) 33,250 tons fine aggregate base course (CIP);
  - (3) 183,000 tons coarse aggregate base course (CIP);
  - (4) 3,150 M. gals. sprinkling (CIP);
  - (5) 1250 hours rolling;
  - (6) 131,000 gal. road oil, SC-2 (CIP);
  - (7) 230 tons asphaltic fine aggregate base course (CIP).

Plans and specifications may be obtained at the office of the Arizona Highway Department, T. S. O'Connell, State Highways Engineer, 17th Avenue and Jackson Streets, Phoenix, Arizona.

**CONTRACT AWARDED**

COCONINO COUNTY, Ariz.—Tiffany Const. Co., P. O. Box 846, Phoenix, at \$33,083.50 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvements on the Flagstaff-Fredonia Highway, P.L. 4-A (1938) AFE 8976, FL 4-B (1938) AFE 8978; Non-FA 95-D (1938) AFE 8977; and Non-FA 95-E (1938) AFE 8981. The work, which begins at the west end of the Navajo Bridge near Lee's Ferry, and extends about 28 miles toward Fredonia, consists of furnishing and applying asphaltic surface treatment, and is to be completed on or before Nov. 30, 1937.

- Work involves:
- (1) 737 M. gals. sprinkling;
  - (2) 447 hours rolling;
  - (3) 276,933 gal. road oil, SC-2;
  - (4) 670 c.y. blotter material.
- Total bids follow:
- (A) Tiffany Const. Co., P. O. Box 846, Phoenix, \$33,083.50.
  - (B) Southern California Roads Co., Los Angeles, \$33,400.55.
  - (C) Cousins Bros., New Mexico, \$36,940.63.
  - (D) Bellance Truck Co., Phoenix, \$37,311.36.
  - (E) Arizona Sand & Rock Co., Phoenix, \$38,767.16.
  - (F) W. E. Orr, Prescott, \$38,224.80.
  - (G) Lee Moor Const. Co., El Paso, Texas, \$39,570.96.

**CONTRACT AWARDED**

FRESNO, Fresno Co., Calif.—Valley Paving & Const. Co., P. O. Box 1349, Fresno, at \$2888 submitted low bid and was awarded contract by the Fresno City Commission, H. S. Foster, City Clerk, City Hall, for the paving of alleys in Blocks 345 and 367, Fresno.

- Total bids follow:
- Valley Paving & Const. Co., P. O. Box 1349, Fresno, \$2888.00
  - Stewart & Nuss, Inc., Fresno 3009.60
  - Madsen, Fresno, 32.00
  - John Jurkovich, Fresno, 3552.00

**BIDS WANTED**

SALINAS, Monterey Co., Cal.—Until Sept. 20, 7:30 P. M., as previously reported, bids will be received by the Board of Education of the Salinas City School District, R. D. Chase, Secretary, 102 Salinas National Bank Bldg., Salinas for the improvement of a portion of Iverson Street.

- Work involves:
- PROPOSAL "A"
- (1) 29,210 sq. ft. grading and paving;

29,240 sq. ft. hydraulic concrete paving;  
 680 lf. hydraulic concrete curb.  
**TOPOSAL "B"**  
 23,524 sq. ft. grading and paving;  
 23,524 sq. ft. hydraulic concrete paving;  
 551 lf. hydraulic concrete curb.  
**TOPOSAL "C"**  
 12,900 sq. ft. grading and paving;  
 12,900 sq. ft. hydraulic concrete paving;  
 300 lf. hydraulic concrete curb.  
 Plans and specifications may be obtained from the above office upon deposit of \$5.00.

**BIDS OPENED**

**WHATCOAL CO.**, Wash.—Allen & van, Inc., Olympia, Wash., at \$35,960, submitted low bid to U. S. Bureau of Public Roads, W. H. Arch, District Engineer, 316 New Boston Bldg., Portland, Oregon, for reconstruction of improving 4.618 miles of the Mt. Baker Highway Reconstruction Surfacing Project 6-A8, National Forest Road Project, Whatcom County, Wash.

Work involves:  
 1) 1700 cu. unclass. excav.;  
 2) 4.618 mi. of grading of subgrade and shoulders;  
 3) 18,000 tons heavy base course;  
 4) 7,200 tons crusher run top course;  
 5) 1000 tons watering;  
 6) 1,850 lf. hub-high rustic guard rail, Type 7.

Total bids follow:  
**Allen & Govan, Inc., Olympia,**  
 Wash., \$35,579.60  
**Red G. Redmon, Yakima**, 41,453.17  
**reslin & McAllister, Spokane**, 42,392.90  
**O. Dail & Warren, Bellingham**, 43,441.25  
**omer G. Johnson, Portland**, 44,079.30  
**Carl Nyberg, Spokane**, 44,518.32  
**Romano Engrg. Corp., Seattle**, 52,942.85

**BIDS WANTED**

**SAN LEANDRO**, Alameda Co., Calif.—Until October 4, 4 p. m., bids will be received by the San Leandro City Council, E. F. Hutchings, City Clerk, for resurfacing of East 14th Street, from the creek to Davis Street and on either side of the East Bay Street, Bayview, from Davis Street south to the City Limits. Estimated cost, \$6770.  
 Plans and specifications may be obtained from the City Engineer,ohn Carl Thayer.

**BIDS ALLOTTED**

**ARIZONA**—The PWA has allotted funds for street improvements in Arizona as follows:  
 Phoenix, Arizona, six projects—\$9,100, \$43,062, \$54,654, \$123,355, \$69,416 and \$97,916.  
 Tucson, Arizona, four projects—203,950, \$135,628, \$129,746, \$108,113.  
 Douglas, Arizona, one project—\$50,500.

**BIDS WANTED**

**REDWOOD CITY**, San Mateo Co., Calif.—Until September 29, 8 p. m., bids will be received by the Redwood City Council, E. E. Myers, City Clerk, or grading and constructing concrete curbs and gutters on Hillview Avenue, from Hopkins Avenue to Brewster Avenue.  
 Plans and specifications may be obtained from the above office.

**COMPLETE BIDS**

**OAKLAND**, Calif.—Union Paving Co., 618 Call Bldg., San Francisco, at \$46,412.33 submitted low bid to the Oakland City Council, W. W. Chapell, City Clerk, City Hall, for the construction of the new Moss Ave. Approach between Broadway and Fernon streets, State Highway Route 4, District 4.

Work involves:  
 (1) 21,758 c.y. excavation;  
 (2) 4,595 tons imported filling material;  
 (3) 7,204 tons stabilized base;  
 (4) 1,962 lf. concrete driveway;  
 (5) 4,618 sq. ft. concrete gutter;  
 (6) 279,700 sq. ft. concrete pave.;  
 (7) 50,350 sq. ft. concrete penetration pavement;  
 (8) 27,065 sq. ft. cement sidewalk;  
 (9) 1,418 sq. ft. concrete driveway;  
 (10) 84 tons asphalt concrete surf.;  
 (11) 198 c.y. concrete in structure, 5-sack, 470 lbs. cement per c.y.;  
 (12) 208 c.y. concrete in structure, 6-sack, 564 lbs. cement per c.y.;  
 (13) 32 c.y. concrete in structure, 7-sack, 635 lbs. cement per c.y.;  
 (14) 27,475 lbs. reinforcing steel;  
 (15) 75 lf. 6-ft. reinf. concrete culvert;  
 (16) 1 paper section reinf. concrete culvert, 20-ft. long;  
 (17) 388 lf. 24-in. reinf. conc. pipe;  
 (18) 395 lf. 21-in. do;  
 (19) 88 lf. 15-in. vit pipe conduit;  
 (20) 195 lf. 15-in. do;  
 (21) 1435 lf. 12-in. do;  
 (22) 50 lf. 6-in. do;  
 (23) 565 lf. 8-in. vit pipe sewer;  
 (24) 477 lf. 6-in. tile drain;  
 (25) 13 manholes with stand. tops;  
 (26) 1 manhole with inlet top;  
 (27) 27 strongwater inlets, Type "B";  
 (28) 3 strongwater inlets with 21-in. opening;  
 (29) 3 lamp posts;  
 (30) 1 ramp connection;  
 (31) 8 wye branches;  
 (32) 711 lf. wire fencing (exclusive of gates);  
 (33) 23 lf. swing gates for wire fence;  
 (34) 1 lf. sliding gate for do.  
 1188 lf. 48 lf. pipe railing.  
 Total bids follow:  
**Union Paving Co., 618 Call Bldg., San Francisco—\$146,412.45.**  
**Heafev-Moore Co., Oakland—\$146,945.36.**  
**Independent Constr. Co., San Francisco—\$145,991.78.**  
**W. K. Van Bokkelen Constr. Co., Oakland—\$163,427.51.**  
**Bodenhamer Constr. Co., Oakland—\$169,779.71.**  
 Unit prices published September 15

29

**CONTRACT AWARDED**

**MADERA COUNTY**, Calif.—Louis Basotto & Son, P.O. Box 587, Stockton, at \$23,033.60 were awarded contract by the Bureau of Public Roads, C. H. Sweetser, District Engineer, Federal Office Building, Civic Center, San Francisco, for 4288 miles bituminous treated surfacing (Class-C) on Section A (portion of Route 74, Sierra National Forest Highway, Sierra National Forest, Madera County).

**BIDS WANTED**

**SAN FRANCISCO**—Until Sept. 29, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for the improvement of the south half of Carl Street, 132 ft 6 in.—157 ft 6 in. west of Stanton Street, and various other locations.

Work involves:  
 (1) 10,000 sq. ft. of 2-course concrete sidewalk.  
 Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 751, City Hall, upon cash deposit of \$10.

**BIDS WANTED**

**SAN FRANCISCO**—Until Sept. 29, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, under Spec. No. 19074, for reconstructing Oregon Street between Drumm Street and The Embarcadero.

The work is estimated to cost \$1,920.

Work involves:  
 (1) 450 c.y. crushed rock fill;  
 (2) 555 lf. unarmored conc. curb;  
 (3) 1 catchbasin, reset or reconstruct;  
 (4) 2 brick manholes, complete;  
 (5) 275 lf. 12-in. VCP sewer, in place;  
 (6) 4 12x8-in. Y branches, in place;  
 (7) 58 lf. 8-in. VCP side sewers, in place;  
 (8) 8 brick catchbasins, complete;  
 (9) 155 lf. 10-in. VCP culvert, in place;  
 (10) 7700 sq. ft. asph. conc. pavement, consisting of a 6-inch asphaltic concrete base and a 2-inch asphaltic concrete wearing surface;  
 (11) 15 tons asphaltic concrete conform pavement, in place;  
 (12) 500 sq. ft. two-course concrete sidewalk;  
 (13) 1 police telephone box, relocated;  
 (14) 1 Lump sum, street lighting system, complete.

Plans and specifications are obtainable from the office of City Engineer John J. Casey, Room 251, City Hall, upon cash deposit of \$10. \* 29

**BIDS WANTED**

**SAN FRANCISCO**—Until Sept. 29, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, for grading and paving the intersection of Barneveld Avenue and Rickard Street.

Work involves:  
 1) 140 c.y. grading (excav.);  
 2) 1 brick catchbasin, complete;  
 3) 25 lf. 10-in. VCP culvert, in place;  
 4) 32 lf. armored concrete curb;  
 5) 142 sq. ft. 2-course concrete sidewalk;  
 6) 2392 sq. ft. asphalt-concrete pavement consisting of 2-in. asphaltic concrete wearing surface on a 6-in. class F concrete base.  
 Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 251, City Hall, upon cash deposit of \$10.

**CORRECTION—BIDS WANTED**

**VENTURA CO.**, Calif.—Until October 7, 2 p. m., bids will be received by the State Division of Highways, C. H. Pappeil, State Highway Engineer, State Bldg., Los Angeles, for grading and paving hospital grounds at the Camarillo State Hospital, Ventura County.

Work involves:  
 1) Clearing and grubbing;  
 2) 600 cu. yd. earth work;  
 3) 1500 cu. yd. roadway excav. within class;  
 4) 400 cu. yd. topsoil;  
 5) 4500 sq. ft. of 11' channel exc. 6" curb;  
 6) 200 cu. yd. concrete;  
 7) 2500 sq. ft. of 12" curb and 18" grade 2" curb;  
 8) 1000 sq. ft. of 12" curb;  
 9) 1000 sq. ft. of 12" curb, 8" x 2" prime concrete;  
 10) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 11) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 12) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 13) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 14) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 15) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 16) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 17) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 18) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 19) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;  
 20) 1000 sq. ft. of 12" curb, 8" x 2" subprime concrete;

Plans and specifications obtainable from the office of City Engineer John J. Casey, Room 751, City Hall, upon cash deposit of \$10.

- surf.
- (20) 210 c.y. Class A portland cement concrete pave;
- (21) 600 lbs. bar. reinf. steel strucs.;
- (22) 380 sq. yds. mesh reinf. pave.;
- (23) 20 c.y. class A portland cement conc. strucs.;
- (24) 440 c.y. Class A portland cement concrete curbs, gutters and sidewalk walls;
- (25) 2,500 lbs. misc. iron and steel;
- (26) 50 lf. 12-in. CMP;
- (27) 170 lf. 15-in. CMP;
- (28) 210 lf. 18-in. CMP;
- (29) 40 lf. 24-in. CMP;
- (30) 30 lf. 30-in. CMP;
- (31) 180 lf. 4-in. welded steel pipe;
- (32) 1 only, timber cattle crossing.

The State will furnish welded steel pipe, timber for cattle crossing, CMP and hand couplers, etc.

Plans and specifications may be obtained at the above office.

**31—PIPE LINES & WELLS**

September 10, 1937

**PERMITS ISSUED**

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of August, 1937:

4976, Application 8878 (San Bernardino Co.) issued to Riverside Water Co., Riverside, Aug. 2, for 10 cu. ft. per second from sewage disposal from San Bernardino Sewage plant, Warm Creek, for irrigation purposes on 7,589 acres.

4977, App. 8963 (Los Angeles Co.) issued to Twin Oaks Ranch, Saugus, Aug. 2, for a total of 0.4 cu. ft. per second from (1) unnamed spring and (2) unnamed canyon for domestic purposes and irrigation of 69 acres. Estimated cost, \$1500.

4978, App. 8977 (Stanislaus Co.) issued to P. C. Alexander, La Grange, Aug. 5, for 3 cu. ft. per second from Tuolumne River, for mining and domestic purposes. Est. cost, \$1000.

4979, App. 8751 (Siskiyou County) issued to John Dulvick, Happy Camp, Aug. 5, for one cu. ft. per second from Elk Creek, for domestic purposes and irrigation of 27 acres. Est. Cost, \$200.

4980, App. 8809 (Siskiyou County) issued to E. S. Terwilliger, Montague, Aug. 5, for 2.5 cu. ft. per second from Clear Spring, for domestic purposes and irrigation of 203.15 acres. Estimated cost, \$500.

4981, App. 8943 (Nevada County) issued to Ridge Mines, Inc., North San Juan, Aug. 5, for 20 cu. ft. per second from Grizzly Peak, for mining and domestic purposes. Estimated cost, \$500.

4982, App. 8467 (Trinity County) issued to Jess Knowlton, Big Bar, Aug. 9, for 3 cu. ft. per second from Deer Creek, for mining purposes. Estimated cost, \$100.

4983, App. 9019 (El Dorado County) issued to Ernest Ingold, San Francisco, Aug. 10, for 100 gals. per day from an unnamed spring, for domestic purposes.

4984, App. 8936 (El Dorado County) issued to El Dorado National Forest, Placerville, Aug. 10, for 5200 gallons per day from an unnamed spring for recreational, domestic and fire protection purposes. Est. cost, \$250.

4985, App. 8931 (Sutter County) issued to California-Western States Life Insurance Co., Sacramento, Aug. 16, for 3 cu. ft. per second from Sacramento River, for irrigation of 479.5 acres.

4986, App. 9011 (San Diego County) issued to State Division of Highways, \$122,000 and '91 387,000,000,000 per day from an unnamed spring, for

**S. F.—OAKLAND BAY BRIDGE TRACK WORK—(State)**

SAN FRANCISCO.—Pacific Bridge Co., Balfour Bldg., San Francisco, at \$169,236.50 (Proposal A) and Rogers, Copeland, Cassell & Burghart, 2601 Wood St., Oakland, at \$428,363.75 (Proposal B), submitted low bid to State Dept. of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, under Contract R-9 and R-21A, for track work on the main bridge, San Francisco Loop and East Bay Yard, San Francisco-Oakland Bay Bridge.

Work involves:

PROPOSAL A: Contract R-9, Main Bridge and San Francisco Loop.

PROPOSAL B: Contract R-21A, East Bay Yard.

PROPOSAL C: Contract R-9 and R-21A, Main Bridge and San Francisco Loop and East Bay Yard.

**PROPOSAL A**

- (1) 170,000 lbs. structural steel work;
- (2) Painting structural steel work;
- (3) 2,729 MFBM framing and placing bridge ties;
- (4) 235 MFBM framing and placing spacing blocks;
- (5) 350 MFBM framing and placing timber guardrails;
- (6) 400 MFBM framing and placing walkways, etc.;
- (7) 3,800 tons ballast (Yerba Buena Island);
- (8) 3,800 tons ballast (San Francisco Loop and Pier W-4);
- (9) 10,247 lf. double track, track laying, East Bay crossing;
- (10) 10,304 lf. double track, track laying, West Bay crossing;
- (11) 1,798 lf. double track, track

- laying, Yerba Buena Island;
- (12) 7 only, laying, San Francisco Loop;
- (13) Contact rail and protection, Main Bridge and San Francisco Loop;

**PROPOSAL B**

- (14) Flange protection of steelwork
- (15) 91 MFBM framing and placing bridge ties;
- (16) 45 MFBM framing and placing other floor timbers;
- (17) 6,000 c.y. excavation;
- (18) 27,000 tons imported fill;
- (19) Preparing subgrade;
- (20) Yard drainage;
- (21) 100,000 tons ballast;
- (22) Track laying;
- (23) Contact rail and protection;
- (24) 175 c.y. concrete;
- (25) 30,000 lbs. reinforcing steel;
- (26) 400 tons crusher run base;
- (27) 400 tons mineral aggregate;
- (28) 30 tons stone screenings;
- (29) 15 tons Type SC-2 asphalt;
- (30) 25 tons Type MC-3 asphalt.

Total bids follow:

- (A) Pacific Bridge Co., Balfour Bldg., San Francisco—(A) \$469,236.50.
  - (B) Rogers, Copeland, Cassell and Burghart, 2601 Wood St., Oakland—(A) \$565,969; (B) \$428,363.75.
  - (C) Eaton & Smith, S. F.—(A) \$700,390.90; (B) \$469,000.
  - (D) MacDonald & Kahn Co., Ltd., San Francisco—(C) \$932,289.
- Rogers, Copeland, Cassell & Burghart stipulated as follows: if low on both, will accept only 21-A; if low on only one, will accept either.
- Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ .15	165	22	22
(2)	17,440.00	12,935.00	1,000.00	39,000.00
(3)	69.30	55.60	61.00	45.00
(4)	60.00	130.00	118.00	52.00
(5)	47.00	93.50	80.00	52.00
(6)	33.00	50.00	66.00	45.00
(7)	3.50	2.85	3.06	4.00
(8)	4.50	2.85	4.00	3.40
(9)	3.50	4.80	6.50	6.00
(10)	3.50	5.45	6.50	5.00
(11)	4.00	4.90	9.10	7.00
(12)	50,000.00	87,800.00	106,000.00	87,696.00
(13)	35,000.00	67,800.00	133,000.00	45,000.00
(14)	.....	50.00	10,900.00	1,450.00
(15)	.....	37.50	56.00	52.00
(16)	.....	74.75	73.00	52.00
(17)	.....	.55	.34	1.00
(18)	.....	1.20	1.50	1.50
(19)	.....	9,160.00	13,600.00	11,000.00
(20)	.....	18,300.00	11,500.00	12,000.00
(21)	.....	1.91	1.90	2.00
(22)	.....	143,250.00	162,329.00	150,000.00
(23)	.....	10,450.00	20,000.00	9,000.00
(24)	.....	26.30	26.00	30.00
(25)	.....	.07	.06	.10
(26)	.....	6.25	3.00	4.00
(27)	.....	7.50	3.00	4.00
(28)	.....	4.00	4.00	5.00
(29)	.....	22.50	22.00	30.00
(30)	.....	6.25	22.00	30.00

domestic purposes. Est. cost, \$2000.

4987 (App. 8935 (El Dorado County) issued to El Dorado National Forest, Placerville, Aug. 16, for 10,300 gallons per day from Peddler Hill Spring, for domestic and fire protection purposes. Est. cost, \$1400.

4988, App. 8978 (Siskiyou County) issued to W. E. Hittson, Jacksonville, Ore., Aug. 16, for 3 cu. ft. per second from Whiskey Creek, for mining purposes.

4989, App. 8901 (Monterey County) issued to Los Padres National Forest Santa Barbara, Aug. 17, for 5000 gals. per day from Pfeiffer Creek, for domestic purposes. Est. cost, \$100.

4990, App. 8982 (El Dorado County) issued to P. V. Burke, Sacramento, Aug. 17, for 1 cu. ft. per second from Middle Creek, for power and do-

domestic purposes. Est. cost, \$110.

4991, App. 8943 (Los Angeles Co.) issued to David N. Barry, Jr., Lns Angeles, Aug. 26, for 1 cu. ft. per second from Arroyo De Los Jardines, for industrial purposes.

4992, App. 9002 (Siskiyou County) issued to Klamath National Forest Yreka, Aug. 27, for 0.05 cu. ft. per second from Jessups Gulch, for domestic purposes. Est. cost, \$200.

4993, App. 9003 (Siskiyou County) issued to Klamath National Forest, Yreka, for 1 cu. ft. per second from Kelsey Creek for domestic purposes and irrigation of 2 acres. Estimated cost, \$3556.

4994, App. 8891 (El Dorado County) issued to Roy H. Elliott, San Francisco, Aug. 28, for 0.25 cu. ft. per second and 25 ac. ft. per annum by

orage from French Creek, for mining and domestic purposes. Estimated cost, \$10,000.  
1995, App. 9019 (Siskiyou County) sued to W. N. Winter, Etna, Aug. 28, 2, 0.069 cu. ft. per second from French Creek, for mining and domestic purposes. Est. cost, \$3,000. 31

September 10, 1937  
**COMPLETE BIDS**  
PALO ALTO, Calif.—Tony Garcia, 57 El Camino Real, Redwood City, \$4,295, submitted low bid to the International Construction Construction Service, Room 764, Arlington Bldg., Washington, D. C., under Proj. No. 1352, for drilling, developing and testing deep well at the Veterans' Administration Facility, Palo Alto.

Total bids follow:  
Tony Garcia, 2557 El Camino Real, Redwood City.....\$4,295.00  
N. Pump & Well Co., Santa Clara ..... 4,696.95  
obt. Garcia Well Drilling & Pumping Co., Palo Alto..... 5,400.00  
31

**CONTRACT AWARDED**  
OAKLAND, Calif.—Lee J. Immel, 31 Evelyn St., Berkeley, at \$3,887, as awarded contract by the Oakland Port Commission for furnishing and placing concrete pipe and appurtenances across the Key Route Mole, Outer Harbor.

**BIDS WANTED**  
SAN FRANCISCO.—Until Sept. 29, 1937, P. M., bids will be received by an Francisco Public Utilities Commission, Room 257, City Hall, under E.W.D. Spec. No. 152, for laying miscellaneous pipe lines in San Francisco. Pipe will be 6-, 8- and 12-inch cast iron pipe with such fittings as will be required.

Work involves:  
(a) 4715 lf. excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep;  
(b) 325 lf. excavation and backfill for 12-in. cast iron pipe, trench 24-inch wide by 44-inch deep;  
(c) 78 c.y. additional excavation and backfill;  
(d) 145 sq. ft. additional pavement removal and replacement;  
(e) (a) 3.780 lf. installing 6-in. bell and spigot c.i. pipe;  
(b) 935 lf. 8-in. do;  
(c) 325 lf. 12-in. do;  
(f) 9060 lbs. installing fittings, gate valves, etc.;  
(g) 802 lf. making joints for pipe & fittings;  
(h) 5770 sq. ft. repavement.  
Plans and specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason street, upon deposit of \$10.

**APPLICATIONS FILED**  
SACRAMENTO, Cal.—Applications for permits to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of August, 1937:  
9065 (Mariposa Co.)—Jos. L. LaRoix, Coltonville, Calif., for 1440 gallons per day from Spring tributary to Hall's Gulch; to be diverted or domestic purposes.  
9066 (Inyo Co.)—W. A. Reid and ranklin Booth, Los Angeles, Calif., for 1500 gals. per day from Whip-creek will spring tributary to Panamint Valley; to be diverted for recreational purposes. Estimated cost, \$500.  
9067 (Nevada Co.)—F. C. Homer, Orth San Juan, Calif., for 25 c.f.s. on Grizzly Creek tributary to Middle Yuba River; to be diverted for mining and domestic purposes.  
9068 (Los Angeles Co.)—Roy E. Orwin, Palmdale, Calif., for 0.167

**MOHAVE COUNTY—GRADING—(State)**

MOHAVE COUNTY, Arizona.—As previously reported, Pearson and Dickerson, Contractors, Inc., P. O. Box 471, Prescott, Arizona, at \$133,614.00 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Kingman-Boulder Dam Highway, F. A. 123-C (1938) A.E.F. 9303. The work, which begins about 1 mile NW of Kingman and extends NW about 2.9 miles, consists of grading, draining, aggregate base course and asphalt surface treatment, and is to be completed on or before April 30, 1938.

Work involves:  
(1) 76,172 cu. yd. heavy excav. unclassified;  
(2) 6,000 cu. yd. slides and overbreakage;  
(3) 5,628 cu. yd. drainage excav. unclassified;  
(4) 650 lf. grader ditches;  
(5) 1,026 cu. yd. conc. excav. unclassified;  
(6) 83,461 sta. yd. emb. and overhaul;  
(7) 536 cu. yd. cubic yard mt. haul;  
(8) 23,844 cu. yd. imported borrow;  
(9) 28,121 cu. yd. mt. imported borrow haul;  
(10) 78.6 tons aggregate base course (CIP);  
(11) 103 M gals. sprinkling (CIP);  
(12) 890 hours rolling;  
(13) 570 cu. yd. Class A concrete, including cement;  
(14) 65,565 lbs. reinf. steel bars (CIP)  
(15) 298 lf. 18-in. CMP (CIP except excavation);  
(16) 370 lf. 24-inch do;

(17) 246 lf. 30-inch do;  
(18) 612 lf. 36-inch do;  
(19) 192 lf. 42-inch do;  
(20) 128 lf. 48-inch do;  
(21) 161 cu. yd. plain riprap (CIP);  
(22) 27,048 lf. standard line fence (CIP);  
(23) 6 ea. standard wire gates, type 2 (CIP);  
(24) 9,625 lf. road guard (CIP);  
(25) 145 each guide posts (CIP);  
(26) 64 each right-of-way markers type A (CIP);  
(27) 25,672 gal. road oil (SC-2) (CIP) (For A.S.T.);  
(28) 515 tons blotter material (CIP) (For A.S.T.);  
(29) 1 lump sum, removal of concrete bridge tright of sta. 149-75;

(30) 110 lf. resetting ¾-inch water line (CIP).  
Total bids follow:  
(A) Pearson & Dickerson Contractors, Inc., P. O. Box 471, Prescott, \$133,614.00.  
(B) W. E. Orr, Prescott, \$133,678.45.  
(C) Lee Moore, Contr. Co., El Paso, Texas, \$136,193.61.  
(D) Tanner Const. Co., Phoenix, \$138,522.37.  
(E) Packard Contracting Co., Phoenix, \$144,444.59.  
(F) Heuser & Garnett, Glendale, Cal., \$153,233.49.  
(G) N. G. Hill & Co., Phoenix, \$155,917.09.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 80	\$ 50	\$ 84	\$ 95	\$ 80	\$ 100	\$ 100
(2)	60	60	63	7125	60	75	75
(3)	50	50	50	70	90	60	50
(4)	10	10	07	10	06	07	10
(5)	2.50	2.60	1.50	2.00	2.10	1.70	1.50
(6)	.025	.02	.03	.03	.03	.03	.03
(7)	.30	.20	.40	.40	.50	.40	.60
(8)	.16	.18	.20	.16	.20	.20	.25
(9)	.18	.15	.16	.15	.17	.18	.20
(10)	.65	.60	.85	.50	.84	.85	1.00
(11)	2.50	2.00	3.00	1.00	2.50	3.00	3.00
(12)	3.00	2.50	3.00	2.65	2.50	4.00	3.00
(13)	21.00	22.00	20.00	17.00	23.50	25.00	25.00
(14)	06	.05	06	05	05	06	06
(15)	2.25	1.50	2.50	1.75	2.20	1.75	1.50
(16)	3.25	2.60	3.50	2.70	3.50	3.00	3.00
(17)	3.75	3.20	4.00	3.35	4.30	3.50	4.00
(18)	5.25	5.20	5.50	5.00	6.70	5.50	6.00
(19)	6.25	6.00	6.00	6.00	6.35	6.00	6.00
(20)	7.25	7.00	8.00	6.90	9.00	7.00	10.00
(21)	2.25	1.50	3.00	2.00	3.50	3.00	3.00
(22)	.09	.10	.08	.09	.14	.09	.10
(23)	5.00	6.00	10.00	5.00	1.20	5.00	2.00
(24)	1.20	1.50	1.20	.95	1.40	1.00	1.00
(25)	2.00	3.50	2.00	2.25	3.00	2.00	3.00
(26)	2.50	3.50	3.00	2.30	3.30	2.50	3.00
(27)	.07	.08	.06	.06	.09	.08	.08
(28)	1.20	2.50	2.00	1.50	1.50	2.50	2.00
(29)	200.00	1500.00	100.00	250.00	250.00	600.00	500.00
(30)	50	20	50	10	71	1.00	50

**SAN FRANCISCO—Constr. Alemany Boulevard—(City)**

SAN FRANCISCO—Chas. L. Harnew, 443 Call Bldg., San Francisco, at \$18,644.50, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. 19-073, for the construction of Alemany Blvd., Section 3, from Nahele to Lawrence Ave.  
Work involves:  
(1) 1200 cu. yd. excav.;  
(2) 62,000 sq. ft. asphalt-cone pavement (12"x12"x8-in.);  
(3) 1210 lf. concrete curb (formed);  
(4) 10,600 sq. ft. concrete sidewalk (stone base).

(5) 210 lf. redwood curb (3"x16-in.), painted;  
(6) Redwood boarder (2"x12-in.).  
Total bid follows:  
(A) Chas. L. Harnew, 443 Call Bldg., San Francisco, \$18,644.50.  
(B) Fair Investment Co., \$20,150.50.  
(C) A. J. King, \$20,276.50.  
(D) Easton & Smith, \$21,616.  
(E) The Pacific Co., \$22,500.  
(F) The Pacific Co., \$23,666.50.  
(G) M. H. J. Lynch, \$24,188.50.  
(H) M. H. J. Lynch, \$25,750.00.

Prices as follows:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$0.01	\$0.265	\$0.00	0.07	\$0.10	\$0.25
(B)	32	279	72	175	43	30
(C)	18	284	45	7	10	20
(D)	30	30	75	111	70	28
(E)	50	317	68	11	36	36
(F)	50	315	7	11	90	60
(G)	25	24	1.00	14	60	14
(H)	50	36	1.00	14	60	20

c.f.s. from Bear Trap Canyon tributary to Allso Canyon; to be diverted for domestic and irrigation purposes on 15 acres. Estimated cost, \$800.

9069 (Humboldt Co.)—S. P. Coffey, Los Angeles, Calif., for 7.5 c.f.s. from Campbell Creek tributary to Trinity River; to be diverted for mining and domestic purposes. Estimated cost, \$15,500.

9070 (Los Angeles Co.)—San Francisco Women's Club, Saugus, Cal., for 0.017 c.f.s. from Club Spring tributary to San Francisco Creek; to be diverted for recreational and domestic purposes.

9071 (San Bernardino Co.)—Leo Thayer, San Bernardino, Calif., for 0.025 c.f.s. from an unnamed stream tributary to Cajon Creek; to be diverted for domestic and irrigation purposes on 9 acres. Estimated cost, \$100.

9072 (San Bernardino Co.)—Seward Brush, San Bernardino, Calif., for 0.05 c.f.s. from an unnamed spring tributary to Cajon Canyon; to be diverted for domestic and irrigation purposes on 14 acres.

9073 (San Bernardino Co.)—Leo Thayer, San Bernardino, Calif., for 0.05 c.f.s. from an unnamed spring tributary to Cajon Canyon; to be diverted for domestic and irrigation purposes on 9 acres. Estimated cost, \$500.

9074 (Siskiyou Co.)—Isabella S. Powell, Happy Camp, Calif., for 3 c.f.s. from Wingate Creek tributary to Horn River; to be diverted for mining and domestic purposes.

9075 (Nevada Co.)—James J. Brennan, Loomis, Calif., for 0.1 c.f.s. and 1 ac. ft. per annum from (1) and (2) unnamed springs, (3) unnamed creek tributary to South Yuba River; to be diverted for domestic purposes. Estimated cost, \$1200.

9076 (Riverside Co.)—F. C. Bonge, Perris, Calif., for 10 c.f.s. from San Jacinto River tributary to Lake Elsinore; to be diverted for domestic and irrigation purposes on 1130 acres.

9077 (Orange Co.)—The Whiting Co., El Toro, Calif., for 600 ac. ft. per annum from Serrano Creek tributary to San Diego Creek; to be diverted for irrigation purposes on 130 acres.

9078 (Siskiyou Co.)—Louis J. Roff, Cecilville, Calif., for 5 c.f.s. from Rush Creek tributary to South Fork Salmon River; to be diverted for irrigation and domestic purposes on 17 acres.

9079 (El Dorado Co.)—Henry J. Garibaldi, Amador City, Calif., for 3 c.f.s. from Scott Creek tributary to South Fork Cosumnes River; to be diverted for mining and domestic purposes.

9080 (El Dorado Co.)—Henry J. Garibaldi, Amador City, Calif., for 3 c.f.s. from Scott Creek tributary to South Fork Cosumnes River; to be diverted for mining and domestic purposes.

9081 (El Dorado Co.)—Henry J. Garibaldi, Amador City, Calif., for 3 c.f.s. from South Fork Cosumnes River; to be diverted for mining and domestic purposes.

9082 (Siskiyou Co.)—Geo. M. Cuthbert, Seiad, Calif., for 12½ c.f.s. from Grider Creek tributary to Hamlet River; to be diverted for mining and domestic purposes. Estimated cost, \$1000.

9083 (San Benito Co.)—U. S. Pinnacles National Monument, Pinnacles, Calif., for 0.1 c.f.s. and 8 ac. ft. per annum from Bear Gulch Creek, Headquarters Spring, Moses Spring, Bear Gulch Springs, and Condor Gulch Spring tributary to Ohalone Creek, thence Salinas River; to be diverted for recreational purposes.

9084 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 2000 gals. per day from

White Hall Canyon tributary to So. Fork American River; to be diverted for fire fighting. Estimated cost, \$150.

9085 (El Dorado Co.)—U. S. El Dorado National Forest, Placerville, Calif., for 2000 gals. per day from White Hall Canyon tributary to So. Fork American River; to be diverted for fire fighting. Estimated cost, \$50.

9086 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 4000 gals. per day from Frye Creek tributary to So. Fork American River; to be diverted for fire fighting. Estimated cost, \$150.

9087 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 2000 gals. per day from an unnamed stream tributary to So. Fork American River; to be diverted for fire fighting. Estimated cost, \$150.

9088 (Mono Co.)—Don E. McGriffin, Bishop, Calif., for 1000 gals. per day from Goldwater Creek tributary to Mammoth Creek, thence Owen River; to be diverted for domestic and stock purposes.

9089 (Amador Co.)—Sierra Mountain Water Co., Stockton, Calif., for 300,000 ac. ft. per annum from Cosumnes River tributary to Mokel-

umne River; to be diverted for power purposes; 13,840 hp. to be developed.

9090 (Amador Co.)—Sierra Mountain Water Co., Stockton, Calif., for 300,000 ac. ft. per annum from Cosumnes River tributary to Mokelumne River; to be diverted for municipal purposes.

9091 (Nevada Co.)—Jas. J. Brennan, Loomis, Calif., for 0.15 c.f.s. from (2) unnamed springs and an unnamed creek tributary to South Fork of Yuba River; to be diverted for domestic and fire protection purposes. Estimated cost, \$1200.

9092 (Glenn Co.)—Henry A. Wallace, as Secretary of Agriculture, Washington, D. C., for 12 c.f.s. from North Fork Logan Creek tributary to Willow Creek and Colusa Trough; to be diverted for irrigation for migratory waterfowl refuge on 855 acres. Estimated cost, \$1200.

9093 (Glenn Co.)—Henry A. Wallace, as Secretary of Agriculture, Washington, D. C., for 23 c.f.s. from North Fork Logan Creek tributary to Willow Creek and Willow Trough; to be diverted for irrigation for migratory waterfowl refuge on 1750 acres. Estimated cost, \$2600.

(Continued on Page 29)

## SACRAMENTO—LEEVE CONSTRUCTION (Govt.)

SACRAMENTO, Calif.—Morrison Knudsen Co., 954 Howard St., San Francisco, at \$119,947.61, submitted low bid to the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, 208 Post Office Building, Sacramento, under Proposal No. 1105-38-30, for levee construction along a portion of the South Levee of Bear River, along the north and south levees of South Dry Creek Lateral, along the South Levee of Grasshopper Creek; and excavation along the Grasshopper Creek Diverting Channel.

Work is located as follows:

(a) Along the South Levee of Bear River for about 1.06 miles between points approximately 1.10 mi. and 2.16 mi. west of Carlin Bridge.

(b) Along the North Levee of Bear River and North Levee of South Dry Creek for about 1.86 mi. between points approximately 0.45 mi. and 2.31 mi. east of the Western Pacific Railroad.

(c) Along the North Levee of South Dry Creek for about 0.89 mi. between points approximately 2.31 mi. and 3.20 mi. east of the Western Pacific Railroad; and along an extension of said North Levee, approximately 500 feet in length, along the easterly boundary of the Sing property, and approximately 14 mi. north of the main channel of Bear River.

(d) Along the South Levee of South Dry Creek from its termination with the North Levee of Bear River approximately 1 mi. west of Carlin Bridge, easterly about 7.0 mi. to a point approximately 2.6 mi. east of the Southern Pacific Railroad.

(e) Along the North Levee of South Dry Creek in the vicinity of the State Highway and Southern Pacific Railroad Bridges, a length of approximately 2000 feet.

(f) Two levees with borrow pit between, connecting the South Levee of South Dry Creek with the Grasshopper Creek Diversion Channel, southerly from the easterly end of Part (d), approximately 1900 feet to the westerly end of Grasshopper Creek Diversion Channel.

(g) Channel excavation through the ridge between Grasshopper Creek and South Dry Creek to connect with the southerly terminus of the connecting levees (f), above, and the westerly terminus of the Grasshopper

Creek levee, (h) below.

(h) Along the South Levee of Grasshopper Creek from a point approximately 1500 feet west of Horstville to a point approximately 2400 feet east of Horstville.

The total quantities of earthwork involved are approximately as follows:

Part (a) 12,600 c.y.; Part (b) 234,200 c.y.; Part (c) 75,000 c.y.; Part (d) 159,200 c.y.; Part (e) 26,000 c.y.; Part (f) 32,200 c.y.; Part (g) 22,200 c.y.; Part (h) 28,600 c.y. (See Locality Map.)

Work involves:

- (1) 867,800 c.y. levee embankment in place;
- (2) 22,200 c.y. excav.;
- (3) 790 c.y. road gravel, in place;
- (4) 32 c.y. class A concrete, in place;
- (5) 1,000 lbs. reinf. steel, in place;
- (6) 150 ft. corrug. iron pipe 8-in. diam. No. 14 gage, with necessary 8-in. diam. band couplers, in place;
- (7) 356 ft. corrug. iron pipe, 18-in. diam. No. 12 gage, with necessary 18-in. diam. band couplers, in place;
- (8) 382 ft. corrug. iron pipe, 24-in. diam. No. 12 gage, with necessary 24-in. diam. band couplers, in place;
- (9) 94 ft. corrug. iron pipe, 30-in. diam. No. 12 gage, with necessary 30-in. diam. band couplers, in place;
- (10) 692 ft. corrug. iron pipe, 36-in. diam. No. 10 gage, with necessary 36-in. diam. band couplers, in place;
- (11) 170 ft. corrug. iron pipe, 48-in. diam. No. 10 gage, with necessary 48-in. diam. band couplers, in place;
- (12) Six corrug. iron cut-off sheets to fit 8-in. diam. corrug. iron pipe, in place;
- (13) Forty corrug. iron cut-off sheets to fit 18-in. diam. corrug. iron pipe, in place;
- (14) Six corrug. iron cut-off sheets to fit 24-in. diam. corrug. iron pipe, in place;
- (15) Two corrug. iron cut-off sheets to fit 30-in. diam. corrug. iron pipe, in place;
- (16) 12 corrug. iron cut-off sheets to fit 36-in. diam. corrug. iron pipe, in place;

- 7) Two corrug. iron cut-off sheets to fit 48-in. diam. corrug. iron pipe, in place;
- 8) Two Calco No. 101 Slide head gate, 18-in. diam. with 8-ft. gate frame, or equal, in place;
- 19) Four Calco No. 101 Slide head gate, 18-in. diam. with 6-ft. gate frame, or equal, in place;
- 20) One Calco No. 101 Slide head gate, 24-in. diam. with 8-ft. gate frame, or equal, in place;
- 21) Two Calco No. 101 Slide head gate, 36-in. diam. with 12-ft. gate frame, or equal, in place;
- 22) Two Calco No. 100 Automatic drainage gate, 8-in. diam., or equal, in place;
- 23) 14 Calco No. 100 Automatic drainage gate, 18-in. diam., or equal, in place;
- 24) 3 Calco No. 100 Automatic drainage gate, 24-in. diam., or equal, in place;
- 25) 1 Calco No. 100 Automatic drainage gate, 30-in. diam., or equal

- in place;
- (26) 4 Calco No. 100 Automatic drainage gate, 36-in. diam., or equal in place;
- (27) 1 Calco No. 100 Automatic drainage gate, 48-in. diam., or equal in place;
- (28) 2 Calco Embankment Protectos or equal, in place;
- (29) 8 galvanized iron flange to fit 2-in. diam. pipe for air vents in place;
- (30) 63 ft. galvanized iron pipe, 2-in. diam., for air vents, cut to length, in place;
- (31) 1 corrug. iron pipe, 24-in. diam., and Calco No. 101 gate; remove and waste;
- (32) 20 c.y. conc. in spillway and headwall, remove and waste;
- (33) 250 sq. yds. surfacing from county roads, remove and waste;
- (34) 30 ft. corrug. iron pipe, 12-in. diam. remove and re-install;
- (35) 41,585 ft. new fence, in place

Total bids follow:

(A) Morrison-Knudsen Co., 954 Howard St., San Francisco	\$119,947.61
(B) D. McDonald, Sacramento	128,340.90
(C) Macco Construction Co., Clearwater	130,414.48
(D) C. F. Robbins and J. P. Immel, Los Angeles	134,854.74
(E) A. Teichert & Son, Inc., Sacramento	143,304.00
(F) Minnis & Moody, Los Angeles	145,530.65
(G) Utah Construction Co., San Francisco	152,049.05
(H) Hemstreet & Bell, Marysville	156,149.60
(I) Lewis Construction Co., Oakland	202,084.60

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$ 0.103	\$ 0.104	\$ 0.109	\$ 0.115	\$ 0.121	\$ 0.126	\$ 0.135	\$ 0.14	\$ 0.185
(2)	.07	.20	.136	.115	.125	.20	.135	.10	.185
(3)	1.00	3.00	2.00	2.50	2.00	2.25	1.50	3.00	3.50
(4)	30.00	40.00	35.00	25.00	35.00	30.00	30.00	40.00	35.00
(5)	.07	.08	.08	.10	.10	.10	.10	.10	.08
(6)	1.50	2.10	2.15	2.21	2.50	2.00	1.85	2.25	2.00
(7)	4.30	4.70	4.50	4.00	5.00	4.40	4.40	3.80	4.20
(8)	5.70	6.10	5.00	5.22	6.60	6.00	5.80	6.00	5.60
(9)	7.00	7.80	8.25	7.80	8.25	7.60	7.25	7.75	6.90
(10)	10.00	10.90	12.00	10.15	11.50	9.75	10.50	10.75	9.40
(11)	14.00	15.70	16.00	14.00	16.00	12.50	14.00	16.00	13.10
(12)	7.00	7.00	7.00	7.00	10.00	6.00	6.20	8.00	7.00
(13)	11.50	12.00	11.50	10.70	12.50	9.00	10.00	10.00	10.00
(14)	11.50	12.00	12.50	12.00	12.50	10.00	10.50	12.00	10.00
(15)	17.50	19.00	18.00	18.00	20.00	14.00	15.50	15.00	14.00
(16)	20.00	27.00	25.00	16.00	25.00	18.00	21.00	20.00	20.00
(17)	31.00	33.00	30.00	26.00	30.00	23.00	26.50	27.50	24.00
(18)	38.00	40.00	45.00	30.00	45.00	30.00	30.00	30.00	45.00
(19)	35.50	39.00	40.00	28.00	42.50	27.50	28.00	27.50	40.00
(20)	50.00	51.00	55.00	37.00	60.00	45.00	39.50	40.00	55.00
(21)	106.50	103.00	110.00	85.00	120.00	90.00	85.00	75.00	130.00
(22)	9.00	14.00	11.00	8.00	12.50	10.00	7.70	10.00	10.00
(23)	33.00	34.00	40.00	20.00	35.00	20.00	25.75	20.00	24.00
(24)	54.00	54.00	65.00	26.00	60.00	30.00	43.00	30.00	65.00
(25)	125.00	111.00	120.00	100.00	125.00	100.00	98.50	100.00	90.00
(26)	146.50	131.00	140.00	83.00	150.00	75.00	115.00	150.00	95.00
(27)	400.00	320.00	375.00	286.00	400.00	300.00	305.00	350.00	300.00
(28)	14.50	25.00	15.00	13.20	15.00	15.00	12.90	15.00	17.00
(29)	2.70	3.00	3.00	2.50	5.00	2.50	2.20	4.00	3.00
(30)	.37	.50	.36	.50	.50	.35	.65	.50	.50
(31)	15.00	50.00	100.00	50.00	25.00	20.00	60.00	10.00	70.00
(32)	6.00	5.00	5.00	5.00	5.00	4.00	1.75	5.00	6.00
(33)	.25	.20	.10	.10	.25	.10	.25	.15	1.50
(34)	.50	1.00	1.00	1.00	1.00	1.00	6.00	1.00	2.25
(35)	.075	.10	.10	.15	.125	.15	.12	.12	.08

**BERKELEY—CONSTR. A WALL—(City)**

BERKELEY, Alameda Co., Calif.—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$6,035.60, submitted low bid to the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for building a wall on Vassar Ave., near Kentucky, Berkeley.

- (5) 350 lf. guard fence;
  - (6) 2900 sq. ft. waterproofing;
  - (7) 256 lf. piling and rock draining.
- Total bids follow:
- (A) Lee J. Immel, 1031 Evelyn St., Berkeley \$6,035.60
  - (B) J. H. Fitzmaurice, Oakland 6,275.87
  - (C) Adam Arras & Son, S. F. 6,417.60
  - (D) Schnoor Bros., Oakland 6,444.00
  - (E) J. M. Walker, Berkeley 6,660.72
  - (F) V. Dizlho, Oakland 10,750.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1.00	\$1.20	\$1.62	\$1.50	\$1.50	\$1.50
(2)	1.00	1.65	1.50	4.00	4.00	4.00
(3)	20.00	10.50	18.75	18.75	29.00	37.00
(4)	.06	.0625	.0594	.08	.065	.06
(5)	2.30	2.48	2.65	2.00	2.50	3.25
(6)	.62	.635	.6465	.64	.635	.66
(7)	.69	.46	.71	.50	.62	.85

- 6094 (Glenn Co.)—Henry A. Wallace, as Secretary of Agriculture, Washington, D. C., for 17 c.f.s. from Logan Creek tributary to Willow
- 9095 (Glenn Co.)—Henry A. Wallace, as Secretary of Agriculture, Washington, D. C., for 3 c.f.s. from Logan Creek tributary to Willow Creek, thence Colusa Trough; to be diverted for irrigation for migratory waterfowl refuge on 620 acres. Estimated cost, \$1000.
- 9097 (Trinity Co.)—Dr. W. J. Deason, Happy Camp, Calif., for 2 c.f.s. from a spring tributary to Klamath River; to be diverted for irrigation and domestic purposes on 10 acres. Estimated cost, \$1000.
- 9099 (Trinity Co.)—Henry R. Balch, Weaverville, Calif., for 25 c.f.s. from East Weaver Creek tributary to Trinity River; to be diverted for mining and domestic purposes. Estimated cost, \$500.
- 9098 (Madera Co.)—Alpine Trading Co., North Fork, Calif., for 2.35 c.f.s. from Whiskey Creek tributary to San Joaquin River; to be diverted for power and domestic purposes; 53 hp. to be developed. Estimated cost, \$1000.
- 9099 (Tuolumne Co.)—Oakdale Irrigation District, Oakdale, Calif., for 1500 c.f.s., 12,000 ac. ft. per annum from Stanislaus River tributary to San Joaquin River, to be diverted for power purposes; 35,200 hp. to be developed. Estimated cost, \$4,000.00.
- 9100 (Tuolumne Co.)—Oakdale Irrigation District, Oakdale, Calif., for 12,000 ac. ft. per annum from Stanislaus River; to be diverted for irrigation and domestic purposes on 74,300 acres.

- 9101 (San Bernardino Co.)—Pearl James, Route 1, Highland, Calif., for 0.625 c.f.s. from Waste Water; to be diverted for irrigation purposes on 23 acres.
- 9102 (Siskiyou Co.)—Dr. W. J. Deason, Happy Camp, Calif., for 2 c.f.s. from a spring tributary to Klamath River; to be diverted for irrigation purposes on 60 acres. Estimated cost, \$500.

EDWARD HYATT, State Engineer, September 1, 1937.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**CONTRACTS AWARDED**

LOS ANGELES, Calif.—The Board of Directors of the County Sanitation District No. 2, Times-Mirror Bldg., 110 S. Broadway, awarded the following contracts for furnishing equipment for the Joint Sewage Disposal Plant at Harbor City.

- Item 1, gas engine generator, to Smith Booth Usher Co., at \$12,405.
  - Item 2, one 3-phase, 50-cycle, 155-kva, 125-kw generator, to Fairbanks, Morse & Co., at \$2498.56
  - Item 3, one voltage regulator for two 219-kva generators, to Electric Machinery & Mfg. Co., at \$583.
  - Item 4, one raw sewage pump, without motor, 10,000 gpm, and Item 5, one raw sewage pump, 10,000 gpm, with 30-hp, 50-cycle, 3-phase, 440-volt motor, to Worthington Co., at \$2272.68 and \$2973.68, respectively.
- Prices include sales tax.  
Complete bids published September 3rd, 1937.

**BIDS WANTED**

OLYMPIA, Wash. Until Sept. 14, 3 p.m. bids will be received by Olaf J. Olson, Director, Dept. of Finance, Engineering and Building, Olympia, for installing sewer system for State Capitol building system on lot 10, 10th St. near Buelock, Wash.  
Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**  
**BONNEVILLE, Ore.—Sam Orino,** Bonneville, at \$43,763, was awarded contract by the District Engineer, U. S. Engineer Office, Bonneville, under Bid No. 694-38-23, for constructing a permanent lining for Ruckel Slide drainage tunnels near Bonneville.

**LOW BIDDER**  
**SAN FRANCISCO—M. J. Lynch,** 1435 Church St., San Francisco, at \$18,084, submitted low bid to the San Francisco Bay Exposition Co., 685 Bush St. for the construction of the first unit, sanitary sewer system, Yerba Buena Shoals.

- Work involves:  
 (1) 1998 lf. 16-in. welded steel pipe;  
 (2) 734 lf. 14-in. do.;  
 (3) 2592 lf. 10-in. do.;  
 (4) 4245 lf. 8-in. do.;  
 (5) 1530 lf. 6-in. do.;  
 (6) One 19-in. gate valve;  
 (7) Three 8-in. gate valves;  
 (8) 14 4-in. gate valves;  
 (9) 610 lf. 10-in. vit. clay pipe;  
 (10) 1642 lf. 8-in. do.;  
 (11) 855 lf. 4-in. do.;  
 (12) 13 collection sumps;  
 (13) 20 lf. 5-in. cast iron soil pipe;  
 (14) lump sum, sewage ejectors, complete.

**CONTRACT AWARDED**  
**HICKAM FIELD, T. H.—L. L. McCandless,** Honolulu, T. H., at \$5,500, was awarded contract by the Army Department, Quartermaster, Hickam Field, T. H., for construction of a drainage ditch and culvert. 32

**33— WATER WORKS**

**BIDS WANTED**  
**SAN DIEGO, Cal.—Until Sept. 28,** 11 A. M., bids will be received by Lt. Commander L. N. Hoehler, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 5570, for improvements to the water supply main at the Naval Operating Base, San Diego.

- Work involves:  
 (1) 3340 lf. of 6- and 8-in. cast iron water pipe and fittings;  
 (2) 2 water pumps (with motors) rated 50 gals per minute;  
 (3) 1 50,000-gal. elevated tank and tower.

Government will furnish pump pit and enclosure and the electric service to pump pit.

Plans and specifications may be obtained from the above office upon the deposit of \$10, payable to Chief of the Bureau of Yards & Docks.

**FUND ALLOTTED**  
**SEATTLE, Wash.—The PWA has** allotted \$211,000 for waterwork construction in Seattle, Wash. \*

**BIDS OPENED**  
**ANTIOCH, Contra Costa Co., Cal.** Fred J. Early, Jr. 369 Pine St., San Francisco, at \$9,527, submitted low bid to the Antioch City Council, J. E. McElheney, City Clerk, City Hall, Antioch, for the improvement of the Antioch Water Works, consisting of a new filter unit, renewal of filter beds in three present units, installing baffles in sedimentation tanks, coagulant equipment and chlorinator at the water works pumping plant on the south shore of the San Joaquin River, and installing riser pipe to distributing tank.

Total bids follow:  
 Fred J. Early, Jr. 369 Pine St., San Francisco, \$9,527.00  
 Robert B. McNair, Oakland 9,579.70  
 Underhill and Constr. Co., Berkeley 9,995.00

**SACRAMENTO—Elec. Distrib'n & St. Lighting Sys.—(Govt.)**

SACRAMENTO, Calif.—Scott-Buttner Electric Co., 2214 Webster St., Oakland, at \$52,595.00 (Item 1) submitted low bid to the Constructing Quartermaster, Sacramento Air Depot, for the construction and completion of an electric distribution and street lighting system at the Sacramento Air Depot, Sacramento.

- Work involves:  
 (1) Lump sum—complete job;  
 (2) Deduct from Item 1, entire street lighting system, consisting of one street lighting regulator, one watt-hour meter, one oil switch, two single conductor, one primary current transformer, one primary fuse cutout, concrete street lighting standards and No. 8-5000-volt single conductor metallic armored cable;  
 (3) Unit prices:  
 (a) Earth excav. per cu. y.;  
 (b) Rock excav. per cu. y.;  
 (c) Trenching 24 in. deep and backfilling, lf.;  
 (d) 3-conductor No. 4 AWG 7500-volt V C L C cable pulled in duct, per lf.;  
 (e) 3-conductor No. 4 AWG 7500-volt V C L C cable pulled in duct, per lf.;  
 (f) No. 0 AWG bare neutral, per lf.;  
 (g) 1 conductor No. 8 AWG 5000-volt metallic armored cable laid in trench, per lf.;  
 (h) 3 conductor No. 0-7000-volt metallic armored cable laid in trench, per lf.;

- (i) 2 conductor No. 8-600-volt metallic armored cable laid in trench;  
 (j) 4 conductor No. 4-600-volt metallic armored cable laid in trench;  
 (k) Street lighting standard with luminaire completely installed and connected;  
 (l) 3-way primary junction box, one-way disconnecting;  
 (m) 3-way cast-iron splice box in ground.

Total bids follow:

- (A) Scott-Buttner Electric Co., 2214 Webster St., Oakland, (1) \$52,595; (2) \$9,500.00.  
 (B) Alta Elec. & Mfg. Co., S. F. (1) \$54,955; (2) \$11,000.  
 (C) Underground Const. Co., Berkeley, (1) \$55,398; (2) \$10,000.  
 (D) H. C. Reid & Co., San Francisco (1) \$56,925; (2) \$10,500.  
 (E) Reliable Elevator Works, Sacramento, (1) \$57,000; (2) \$10,651.  
 (F) Central Electric Co., San Francisco, (1) \$59,700; (2) \$11,470.  
 (G) Globe Electric Works, San Francisco, (1) \$58,100; (2) \$11,400. Bid deducted by wire from (1) \$60,000; (2) \$12,000.  
 (H) Lupton & Hawley, Sacramento (1) \$60,003; (2) \$13,500.  
 (I) Abnett Electric Co., San Francisco, (1) \$65,800; (2) \$13,480.  
 (J) Bennett & Taylor, Los Angeles (1) \$68,482; (2) \$10,200.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(a)	\$ 2.00	\$ 1.50	\$ 1.50	\$ 1.50	\$	.75	1.50	1.50	1.00	1.00
(b)	5.00	3.50	5.00	3.00		3.00	7.00	4.00	3.00	4.00
(c)	.12	.12	.20	.20	1.32	1.00	1.12	.14	.17	.20
(d)	3.15	3.25	3.50	3.00	3.146	3.20	3.00	3.50	3.50	3.40
(e)	.75	.92	.80	.75	.777	.80	.90	.75	.78	.80
(f)	.11	.15	.05	.15	.123	.12	.15	.10	.12	.20
(g)	.25	.38	.30	.30	.473	.27	.38	.28	.26	.31
(h)	1.75	2.12	2.00	1.65	1.914	1.94	2.00	1.95	1.92	2.10
(i)	.27	.42	.30	.30	.376	.35	.38	.30	.28	.31
(j)	.80	.94	.84	.80	.526	.54	1.00	.82	.80	.91
(k)	92.50	104.00	130.00	125.00	96.98	106.00	100.00	115.00	116.00	133.00
(l)	181.50	199.00	225.00	220.00	158.40	210.00	225.00	190.00	270.00	206.00
(m)	22.00	19.00	20.00	25.00	17.00	47.00	21.00	15.00	56.00	16.21

**ALAMEDA CO.—Construction Girder Crossing—(State)**

ALAMEDA CO., Cal.—A. J. Raisch, 358 Lincoln Avenue, San Jose, at \$104,209.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder overhead crossing over the S. P. and Western Pac. railroad tracks at Greenville, consisting of one 50-ft., 6-in. span, eight 49-ft. spans, and one 16-ft. cantilever.

- Work involves:  
 (1) 2190 cu. y. struc. excav.;  
 (2) 688,000 lbs. bar reinf. steel;  
 (3) 2635 cu. y. Class A Portland cement structures;  
 (4) 50 cu. y. Class A Portland cement fillings;  
 (5) 8000 lbs. misc. steel;

- (6) 285 lf. 8-in. CMP;  
 (7) 12 lf. 10-in. CMP;  
 (8) 75 lf. 8-in. CMP;  
 (9) 75 lf. 24-in. CMP;  
 (10) 2 each, spillway assemblies;  
 (11) 1 lot misc. work  
 Total bids follow:  
 (A) A. J. Raisch, 358 Lincoln Ave., San Jose—\$104,209.50.  
 (B) R. L. Bishop, Long Beach—\$108,690.50.  
 (C) Carl N. Swenson Co., San Jose—\$108,196.40.  
 (D) J. F. Knapp, Oakland—\$109,807.  
 (E) John Rocca, San Rafael—\$113,707.00.  
 (F) C. W. Calletti & Co., San Rafael—\$117,239.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 2.40	\$ 1.50	\$ 2.15	\$ 1.10	\$ 2.40	\$ 2.00
(2)	.055	.051	.055	.05	.052	.055
(3)	21.00	23.00	22.27	24.00	25.00	25.00
(4)	60.00	50.00	50.00	60.00	60.00	60.00
(5)	.12	.15	.15	.20	.15	.15
(6)	1.10	1.50	1.87	1.20	1.10	1.00
(7)	1.25	2.00	2.10	1.20	1.50	1.50
(8)	2.00	3.00	2.81	2.00	1.90	3.00
(9)	3.00	5.00	3.59	3.00	2.50	3.00
(10)	20.00	15.00	25.00	15.00	25.00	20.00
(11)	2500.00	4100.00	2500.00	4000.00	1200.00	1169.00

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## U. S. FOREST SERVICE

LOS ANGELES, Cal.—Until Sept. 24, 2 p. m., bids will be received by the U. S. Forest Service, 751 South Figueroa St., Los Angeles, for 16,000 gallons of penetration asphalt, applied by tank spreader wagon on U. S. road and small parking area in In Gabriel Canyon 17 miles from Los Angeles; Bid No. 1708.

GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials as follows:

D NO. 5170: 20, 2 P. M.:  
D NO. 5171: Lavatories and a water closet; fob Susanville.

SEPT. 21, 2 P. M.:  
D NO. 5172: One lot millwork; fob McCleod.

D NO. 5170: 50 rolls of corrugated board, screenings and straw; fob Government Island.

D NO. 5168: Portland cement concrete aggregate and red bricks; fob Redding.

Specifications obtainable from the above office.

## U. S. INDIAN SERVICE

LOS ANGELES, Cal.—Until Sept. 24, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 1 S. Figueroa St., Los Angeles, for 0 ft. 12-in., 2-ply, 12-ga. casing, v. No. 0446. The items are: (1) bidder's shipping point; (2) fob rs Earp.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

CH. 1562: Composition pipe fittings, for eastern and western yards; Sept. 21.

CH. 1566: Brushes for eastern and western yards; Sept. 21.

CH. 1577: One gasoline engine driven, self propelled crane, for Mare Island; Sept. 21.

CH. 297: Asbestos millboard for eastern and western yards; Sept. 17.

CH. 1594: 10 steam-jacketed kettles aluminum or corrosion - resisting steel, capacity 80 gals., for Mare Island; Sept. 17.

CH. 1591: 100,000 lbs. steel, rivet, medium, bar, round 3/4-in. dia. in 16- to 20-ft. lengths, for eastern or western yards, Sept. 24.

CH. 1581: 2 1-ton capacity refrigerating compressor units, complete with motor, condenser, compressor sub base, necessary valves, fittings, connections, safety devices, switches, etc., for San Diego; Sept. 21.

CH. 1595: 88 seamless steel flasks, for Portsmouth and Mare Island Sept. 24.

CH. 1593: 2 2-oven-type oil burning ranges and 2 sets spares, for Mare Island; Sept. 24.

CH. 1592: 10 electric ranges and spares, for Portsmouth and Mare Island; Sept. 24.

CH. 1590: Motor-driven, 23-in. drill press and spares for Mare Island; Sept. 21.

SCH. 1611: Nickel - copper - aluminum alloy, bar, round, for eastern or western yards; Sept. 28.

SCH. 1629: 150 electric air heaters and spares, for Portsmouth and Mare Island; Sept. 28.

SCH. 1634: Steel valves, for eastern and western yards; Sept. 28.

SCH. 1610: One hydraulic hoist, 20,000 pound capacity, for Keyport, Wash.; Sept. 24.

SCH. 1608: 38 lengths preformed wire rope, for San Pedro; Sept. 28.

## LOS ANGELES CITY

LOS ANGELES, Calif.—Until Sept. 17, 10 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for sodium carbonate, No. 3484.

## WAR DEPARTMENT

SACRAMENTO, Calif.—Until Sept. 24, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Sacramento, for furnishing material, as follows:

BID NO. 1105-38-79—1200 ft. B.M. Douglas fir timber; f.o.b. Rio Vista.

BID NO. 1105-38-80—One belt-driven bolt threading machine; f.o.b. Rio Vista, Calif.

SAN FRANCISCO.—Until Sept. 24, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-32, for furnishing Dredge pipe A; f.o.b. San Francisco, Calif.

SAN FRANCISCO—Until Sept. 30, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. C. E. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-29, for furnishing miscellaneous bolts; fob cars at contractor's plant.

BENICIA, Solano Co., Calif.—Until Oct. 8, 10 A. M., bids will be received by the Commanding Officer, Benicia Arsenal, Benicia, under Bid No. 146-38-13, for furnishing paints, enamels, varnish lacquer, turpentine, oils; fob Benicia Arsenal. Alternates, fob bidder's factory or point of origin.

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 205, Post Office Building, Sacramento, for furnishing supplies and materials, as follows:

September 21, 3 P. M.  
BID NO. 1105-38-69—25 cylinders of oxygen and 12 cylinders of acetylene; f.o.b. Rio Vista.

September 23, 3 P. M.  
BID NO. 1105-38-63—18 pyrene fire extinguishers and 12 Foamite fire extinguishers; f.o.b. Sacramento.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Sept. 23, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Spec. No. 868-38-31, for furnishing one paving breaker with 300 feet of 3/4-in. air hose, f.o.b. Yerba Buena Island.

Specifications obtainable from the above office.

## MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Sept. 24, 2 p. m., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing one 24x18-in. plunger valve, one 24-in. butterfly valve, and one 4-in. vacuum relief valve with control and operating devices, in accordance with Spec. No. 239. Copies of the specifications may be obtained at Room 1007, 306 W. 3rd St., upon payment of \$1 per set, not returnable. Certified or cashier's check, 10%. F. E. Weymouth, General Manager and Chief Engineer.

## CANAL ZONE

PANAMA CANAL ZONE—Until Sept. 24, 10:30 a. m., bids will be received by the Office of the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Sched. No. 3288, for furnishing steel bars, brass rods, track spikes, barrel bolts, expansion anchors, chain links, screw eyes, copper sulphate, etc.; f.o.b. Canal Zone.

Specifications obtainable from the above office or Fort Mason.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Sept. 24, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, Oakland, under Bid No. 5167, for furnishing 60 sets of truck covers; f.o.b. Government Island.

Specifications obtainable from the above office.

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## IN THIS ISSUE



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Bond Vote*

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No. 36

## BIDS OCT. 13 ON CATENARY, FEEDER WORK

State Schedules Proposals on  
Bay Bridge Railway  
"Trolley" Job

SACRAMENTO, Sept. 21.—The San Francisco-Oakland Bay Bridge Division of the State Department of Public Works today issued a call for bids for construction of the catenary and feeders for the bridge railway facilities on the main bridge, San Francisco Loop and East Bay Yard.

Bids will be opened at 2 P. M. on October 13 in the San Francisco office of the San Francisco-Oakland Bay Bridge Division at 500 Sansome street.

Construction of the catenary, popularly known as "trolley wires" and feeders to the trolley wires will be a long step towards completion of the bridge railway facilities, engineers say.

### Two Contracts

Bids for the work will be taken under two contracts. Contract R-10 will call for construction of trolley wires and feeders on the main bridge and San Francisco Loop. Contract R-21C will involve work in the East Bay Yards.

The division of the job into two contracts is only for purposes of record, according to the Division of Highways, since the entire job will be awarded as one contract.

Principal items include: feeder cable at San Francisco substation; feeder cables at Island substation and tie station; Island tie station and equipment; 12 disconnecting switches, type K; 18 disconnecting switches, type R; feeder cable at Mole station; and 50,000 lbs. of miscellaneous iron.

Plans and specifications may be obtained from the office of the San Francisco-Oakland Bay Bridge Division at 500 Sansome street, upon deposit of fifty dollars, of which forty dollars is returnable.

Unusual lighting effects, designed to heighten impressive architectural features of its buildings, have been planned for the 1939 Golden Gate International Exposition.

## BAY SPAN TRACK CONTRACTS LET

SACRAMENTO, Sept. 22.—Award of contracts for construction of track work and bonding for the San Francisco-Oakland Bay Bridge railway facilities was announced here today by State Director of Public Works Earl Lee Kelly. Pacific Bridge Co., at \$496,236 was awarded track work on the main bridge and the San Francisco loop. Track work in the East Bay Yard went to Rogers, Copeland, Cassell & Burghart, Oakland, at \$428,363.

Only two bidders for bonding of the track work and contact rail was General Welding Co., San Francisco, and the contract was let to this firm at the bid price of \$32,527.

## STATE INVITES BIDS ON FOUR HIGHWAY JOBS

Grading, Paving, Oil Treatment  
Openings Set for Oc-  
tober 13th

—Four contracts for work on state highways were authorized for advertising today by the State Highway Commission.

Bids on all four jobs will be opened at the Sacramento office of the State Division of Highways October 13, it was announced.

The projects are located as follows:

**Kings County:** paving with asphalt concrete about six and four-tenths miles, between Hanford and Alcorn Bridge.

**Mono County:** grading approximately two and two-tenths miles, between Route 23 and June Lake.

**Inyo County:** applying penetration oil treatment to about twenty and one-half miles of existing roadbed. The work is located between one and one-tenth miles east of Saline Valley road and Panamint Sink.

**Calaveras County:** grading and applying liquid asphalt to approximately six and one-tenth miles.

## VALLEJO SCHOOL BOARD PLANNING BOND ELECTION

\$450,000 Issue to Appear On  
Ballot; Will Set Date  
Soon

The Vallejo Board of Education this week voted to place a \$450,000 bond issue proposition on the ballot to finance new construction at four schools in the Vallejo Unified School District.

The board is expected to meet shortly to set a date for the bond election, it was announced.

Action on the school construction program has been held up while plans were being revised to meet the needs of the district. Last week Attorney General U. S. Webb solved a question of policy by ruling that it would be inadvisable for the Board to include a ten per cent preferential clause in favor of local contractors in specifications for new buildings.

Plans and specifications for buildings and additions are being prepared by Architect J. J. Donovan.

The Vallejo High School will receive \$107,000 for a new science building and equipment; \$73,000 for a girls' gymnasium; and \$20,000 for acquisition of property.

The Lincoln School will receive \$155,000 for a new building. At the meeting, the Board took a P. T. A. request asking that the auditorium be constructed to seat 750 instead of 350, under advisement.

### Lincoln School

The Curry School is slated to receive \$39,100 for an addition, and the Roosevelt School will be allotted \$23,300 to finance construction of larger quarters.

The proposed Lincoln School will have a classroom wing, an auditorium and a wing devoted to school administration offices. Plans allow for construction of additional facilities when attendance justifies them. Architect Donovan said. About 55,000 of the total allotment would be used for construction of temporary quarters to house Lincoln School pupils while the permanent buildings were being built.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
797-814	A. & D.	Owner	4000
815	Hockvold	Newman	4000
816	Koehl	Larsen	1000
817	Mendel	Monson	1800
818	Norton	Cabill	15000
819	Richfield	Munson	2500
820	Soares	Owner	2000
821	Sullivan	Jones	1750
822	American Trust	Walker	15000
823	Armitage	Tait	2000
824	Beatty	Bourdet	1450
825	Fairgrieve	Natl. Roof	1250
826	Mann	Moore	26000
827	McSheehy	McSheehy	1950
828	S. P.	Owner	4000
829	Brandt	Wold	1000
830	Moffat	Rahlman	1000
831	State Relief	Van Arsdale	2500
832	Hallgren	Owner	4000
833	Hoem	Owner	3500
834	Johnson	Owner	1000
835	Johnson	Owner	3000
836	Keesling	Mangrum	2500
837	Koekler	Wilhelm	6500
838	McGillivray	Polansky	1275
839	Mooney	Kappeler	1000
840	Podesta	Emanuel	1000
841	Ribero	Oliva	1450
842	Shannon	Wagner	3500
843	Porter	Stevenson	2755
844	Johnson	Owner	4000
845	Mejia	Jansen	1000
846-7	Risdon	Owner	6000
848	Embassy	QRS	4800
849	Garcia	Galloway	2000
850	Mendo	Janssen	4000
851	Park	QRS	1000
852	Tidewater	Owner	2450

### DWELLINGS (18)

(797-814) S. LOS PALMAS DRIVE, 439, 549, 603, 639, 676, 715, 762, 858, 901, 947, 984, 1021, 1057, 1092, 1128, 1159, 1192 AND 1225 FEET EAST OF HAZELWOOD. Each a 2-story and basement frame dwelling.

Owner—A. & D. Realty Co., 954 Irving St.  
Architect—Not Given. Each \$4000

### ALTERATIONS

(815) 111 MISSISSIPPI. Alter factory.

Owner—Hockvold Chemical Co., 30 Bluxome St.

Contractor—Cliff C. Newman, 507 Brannan St.  
Architect—Not Given. \$4000

### ALTERATIONS

(816) 145 25TH AVE. Alter dwelling.

Owner—Pierce Koehl, Prem.  
Contractor—H. H. Larsen & Co., 64 South Park St.  
Architect—Not Given. \$1000

### ALTERATIONS

(817) 415 JONES ST. Alter apartments.

Owner—Dr Mendell, Prem.  
Contractor—Monson Bros., 475 Sixth St.  
Architect—Not Given. \$1800

### FACTORY

(818) NE BAYSHORE BLVD. AND SUNNYDALE. One-story Class C factory.

Owner—W. W. Norton, 206 Sansome St.

Contractor—Cahill Bros., 206 Sansome St.

Engineer—William Adrian, 417 Market St. \$15,000

### SERVICE STATION

(819) NW ARGUELLO AND ANNA. One-story steel service station.

Owner—Richfield Oil Co., 248 Battery St.

Contractor—John Munson, c/o Owner.  
Architect—Not Given. \$2500

### ALTERATIONS

(820) 10 SATURN ST. Alter dwelling.

Owner—A. G. Soares, Prem.  
Architect—Not Given. \$2000

### ALTERATIONS

(821) 156 CLIFFORD TERRACE.

Alter flats.  
Owner—W. Sullivan, Prem.

Contractor—Thos. W. Jones, 643 29th Ave.  
Architect—Not Given. \$1780

### ALTERATIONS

(822) 601 THIRD ST. Alter bank.  
Owner—American Trust Co., 464 California Street.

Contractor—F. J. Walker Co., 607 Sharon Bldg.

Architect—W. W. Harper 1050 Franklin Street.  
Engineer—Wm. Adrian, 417 Market Street. \$15,000

### ALTERATIONS

(823) 3274 SACRAMENTO ST. Alter market.

Owner—May Armitage, 251 Post St.  
Contractor—W. C. Tait, 883 Market.  
Architect—Williams and Grimes, 251 Pine Street. \$2,000

### ALTERATIONS

(824) 1300 JONES ST. Alter dwelling.

Owner—James Beatty, 318 Linden St.  
Contractor—W. H. Bourdet, 318 Linden Street.  
Architect—Not Given. \$1,450

### ALTERATIONS

(825) 1197 DOLORES STREET. Alter dwelling.

Owner—A. D. Fairgrieve, premises.  
Contractor—National Roofing & Siding Co., 2172 Market Street.  
Architect—Not Given. \$1,250

### DWELLING

(826) W SAN BUENA Ventura 100 S St Francis Blvd. Two-story and basement frame dwelling.

Owner—Geo. Mann, 120 San Buena Ventura.

Contractor—Moore and Roberts, 693 Hission Street.  
Architect—Not Given. \$28,000

### ALTERATIONS

(827) 2262-74 GEARY BLVD. Alter flats.

Owner—Annie McSheehy, 4156 24th Street.

Contractor—J. McSheehy, 137 Clifford Terrace.  
Architect—Not Given. \$1,950

### ALTERATIONS

(828) BERRY Channel, 3rd and 4th Sts. Alter warehouse.

Owner—Southern Pacific Co., 65 Market Street.  
Engineer—J. H. Christie, 65 Market Street. \$4,000

### ALTERATIONS

(829) 3427 25th St. Alter flat.

Owner—John Brandt, 3265 21st St.  
Contractor—John L. Wold, 153 Oxford Street  
Architect—Not Given. \$1,000

### DWELLING

(830) S CUSTER 40 S Third St. One-

story frame dwelling.  
Owner—H. Moffat Co., Third and Arthur Avenues.  
Contractor—H. E. Rahlman Co., 251 Kearny Street.  
Architect—Not Given. \$1,000

### ALTERATIONS

(831) 180 NEW MONTGOMERY ST. Alter office.

Owner—State Relief Admin., 86 3rd Street.

Contractor—Van Arsdale-Harris Lbr. Co., Fifth and Brannan Streets.  
Architect—Not Given. \$2,500

### DWELLING

(832) W. 12TH AVE., 350 N. TARAVAL. One-story and basement frame dwelling.

Owner—A. Hallgren, 1594 29th Ave.  
Architect—Not Given. \$4000

### DWELLING

(833) E. 45TH AVE., 100 S. SANTIAGO. One-story and basement frame dwelling.

Owner—Andrew Hoem, 791 Chenery St.  
Architect—Not Given. \$3500

### DWELLING

(834) E. MADISON, 72 SILVER AVE. One-story and basement frame dwelling.

Owner—J. A. Johnson, 69 Madison St.  
Architect—Not Given. \$1000

### DWELLING

(835) SE MADISON AND SILVER AVE. One-story and basement frame dwelling.

Owner—J. A. Johnson, 69 Madison St.  
Architect—Not Given. \$3000

### ALTERATIONS

(836) 32-34 MASON ST. Alter restaurant.

Owner—John Keesling, c/o 80 Post St.  
Contractor—Mangrum, Holtbrook and Elkus, 301 Golden Gate Ave.  
Architect—Not Given. \$3500

### ALTERATIONS

(837) 1476 19TH AVE. Alter flats.

Owner—G. Koekler, Prem.  
Contractor—A. H. Wilhelm, 666 Mission St.  
Architect—M. A. Sheldon, Monadnock Bldg. \$6,500

### ALTERATIONS

(838) 1001 BRANNAN ST. Alter warehouse.

Owner—McGillivray Raymond Corp., 3 Potrero Ave.  
Contractor—Frank Polansky, 2139 Green St.  
Architect—Not Given. \$1275

### ALTERATIONS

(839) 538 CHENERY ST. Alter flats.

Owner—Mary Mooney, Prem.  
Contractor—Francis Kappeler, 128 Molke St.  
Architect—Not Given. \$1000

### ALTERATIONS

(840) 224 GRANT AVE. Alter basement.

Owner—Podesta and Baldocchi, Prem.  
Contractor—L. E. Emanuel, Inc., 2685 Jones St.  
Architect—Not Given. \$1000

### ALTERATIONS

(841) 819-825 LOMBARD ST. Alter dwelling.

Owner—Carlo Ribero, Prem.  
 Contractor—Victor Oliva, 2731 24th St.  
 Architect—Not Given. \$1450

**DWELLING**  
 (842) W. PUTNAM, 25 N. JARBOE AVE. One-story and basement frame dwelling.  
 Owner—Frank Shannon, 901 Jarboe Ave.  
 Contractor—R. Wagner, 121 Dolores St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (843) N. TARAVAL, 60 E. 14TH AVE. One-story frame dwelling.  
 Owner—Louis Forten, 655 Andover.  
 Contractor—L. H. Stevenson, 130 Merced Ave.  
 Architect—Not Given. \$2755

**DWELLING**  
 (844) S. VICENTE, 28 E. 17TH AVE. One-story and basement frame dwelling.  
 Owner—S. F. Johnson, 600 Wawona.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (845) 232 MAPLE ST. Alter dwelling.  
 Owner—Arthur Meffa, Prem.  
 Contractor—G. P. W. Jansen & Sons, Inc., 320 Market St.  
 Architect—Not Given. \$1000

**DWELLING**  
 (846) N. BAY, 125 W. BUCHANAN. Two-story and basement frame dwelling.  
 Owner—Ridson Bros., 1324 Portola Dr.  
 Architect—Not Given. \$6000

**DWELLING**  
 (847) N. BAY, 100 W. BUCHANAN. Two-story and basement frame dwelling.  
 Owner—Ridson Bros., 1324 Portola Drive.  
 Architect—Not Given. \$6000

**SIGN**  
 (848) 1125 MARKET ST. Electric sign.  
 Owner—Embassy Theatre, Prem.  
 Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave.  
 Architect—Not Given. \$4800

**ALTERATIONS**  
 (849) 114 SANTA PAULA. Alter dwelling.  
 Owner—M. Garcia, Prem.  
 Contractor—R. T. Galloway, 2566 Pine St.  
 Architect—H. C. Baumann, 251 Kearny St. \$2000

**DWELLING**  
 (850) S OCEAN AVE, 30 E WEST-CATE DRIVE. One-story and basement frame dwelling.  
 Owner—Mendo Corp., 1136 Clement St.  
 Contractor—E. A. Janssen, 1136 Clement St.  
 Architect—Not Given. \$4000

**SIGN**  
 (851) 235 SUTTER ST. Electric sign.  
 Owner—Park Hotel, Prem.  
 Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave.  
 Architect—Not Given. \$1000

**SERVICE STATION**  
 (852) SW SAN JOSE AVE. AND ALEMANY BLVD. One-story steel service station.  
 Owner—Tide Water Associated Oil Co., 79 New Montgomery St.  
 Architect—V. G. Rainey, 233 Post St. \$2450

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
524	Stone	Walton	1000
525	Santoni	Owner	1400
526	Whalen	Owner	5000
527	Brasch	Owner	3000
528	D. S. G. Co.	Owner	2000
529	Fleming	Owner	5500
530	Fletcher	Pickrell	6000
531	Geletch	Owner	1500
532	General Pet	Owner	1500
533	Hayward	Owner	3100
534	Koenig	Owner	5900
535	Lightbody	Owner	3600
536	Midvalley	Owner	1350
537	Fitt	Buel	3400
527	Ballard	Herrick	3000
528	Morrison	Porter	2500
529	Barnet	Owner	3000
530	Duerig	Armstrong	7200
531	McCarthy	Owner	1800
532	P. G. & E	Phoenix	1000
533	Pressler	Owner	5000
534	Ripley	Owner	4000
535	Union	Early	1000
537	Legge	Muller	2000
538	Pac. Guam	Norgrove	4750
539	Whitley	Sherrwood	1500
540	I. Anderson	Owner	2900
542	Bryant	Owner	1000
543	Flagg	Owner	3500
544	Labor Temple	Owner	10000
545	Trowbridge	Brown	5000
546	Mazzusch	Praug	1500
547	Scott	McWethy	2300
548	Abrusci	James	4500
549	Burritt	Burritt	1200
550	Chevrolet	Lina	1000
551	Crocker	Crocker	3500
552	De Silva	Johnson	3500
553	Gen. Motors	Christensen	2000
554	Sturtevant	Risdon	12000
555	Tiny's	Suell	1000
556	Tisher	Johnson	4500

**DWELLING**  
 (524) 1955 CHANNING WAY, BERKELEY. One-story 3-room frame dwelling.  
 Owner—Mrs. E. Stone, Prem.  
 Contractor—Frank Walton, 2210 Grant.  
 Architect—Not Given. \$1000

**CONCRETE STORE**  
 (525) 3220 SAN PABLO AVENUE, BERKELEY. One-story concrete store.  
 Owner & Builder—Carl Santoni, 6144 Monadnock Way.  
 Architect—Not Given. \$1400

**DWELLING**  
 (526) 432 FLORENCE AVE, OAKLAND. One-story 6-room dwelling.  
 Owner & Builder—Whalen & Hufschmidt, 370 17th St.  
 Architect—Not Given. \$5000

**DWELLING**  
 (527) 1435 LINCOLN, BERKELEY. One-story 5-room frame dwelling and garage.  
 Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Berkeley.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (528) 554 ELLITA AVE, OAKLAND. Alterations and repairs.  
 Owner and Contractor—D. S. G. Co., 160 Grand Ave., Oakland.  
 Architect—Not Given. \$2,000

**DWELLING**  
 (529) 5501 GOLDEN GATE AVENUE, OAKLAND. One-story six-room dwelling.  
 Owner and Builder—John Fleming, 2248 Coloma St., Oakland.  
 Architect—Not Given. \$5,500

**DWELLING**  
 (530) 870 SUNNYHILLS RD., OAKLAND. Two-story 6-room dwelling.

Owner—R. A. Fletcher.  
 Contractor—J. H. Pickrell, 1738 Alameda Ave., Alameda.  
 Architect—Not Given. \$6,000

**ALTERATIONS**  
 (531) 1630 FILBERT ST., OAKLAND. Alterations.  
 Owner and Contractor—Karl Geletch, 1704 Filbert St., Oakland.  
 Architect—Not Given. \$1,500

**ADDITION**  
 (532) FERRY and Pier Sts., OAKLAND. Steel addition.  
 Owner and Builder—General Petroleum Corp., Ferry and Pier Sts.  
 Architect—Not Given. \$1,500

**DWELLING**  
 (533) 1821 163rd AVE, OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—C. D. Hayward, 2900 Barrett St., Oakland.  
 Architect—Not Given. \$3,100

**DWELLING**  
 (534) 2614 LA CUESTA, OAKLAND. Two-story 6-room dwelling.  
 Owner and Builder—Henry Koenig, 4320 Ygnacio Ave., Oakland.  
 Architect—Not Given. \$5,900

**DWELLING**  
 (535) 6163 LAIRD AVE., OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—P. Lightbody, 3400 Morrison St., Oakland.  
 Architect—Not Given. \$3,000

**GARAGES**  
 (536) 3022 E 11th ST., OAKLAND. Two story tile garages. \$1350  
 \$1150.  
 Owner and Builder—Midvalley Corp., premises.  
 Architect—Not Given

**ALTERATIONS**  
 (537) 355 OAKLAND AVE, OAKLAND. Alteration and addition to dwelling.  
 Owner—Dr. C. S. Pitt, 1269 1st Ave., Oakland.  
 Contractor—E. H. Buel, 5340 Grove St., Oakland.  
 Architect—Not Given. \$3,400

**ADDITION**  
 (538) 1432 39th AVE, OAKLAND. Tile addition.  
 Owner—Mrs. A. Stingle, San Rafael  
 Contractor—J. B. Peterson and Son, 4021 Agua Vista Ave., Oakland.  
 Architect—Not Given. \$1,500

**FACTORY**  
 (527) 700 DELAWARE, BERKELEY. One-story 1-room factory.  
 Owner—H. E. Ballard, 1296 Milvia  
 Berkeley.  
 Contractor—Herrick Iron Wks., 1734 Campbell St., Oakland  
 Architect—Not Given. \$2,000

**ADDITION**  
 (528) 742 CRAGMONT AVE, BERKELEY. Additions.  
 Owner—Dr. L. P. Morrison, premises.  
 Contractor—H. H. Porter, 8 Norwood Ave., Berkeley.  
 Architect—Not Given. \$2,500

**DWELLING**  
 (529) 2927 GEORGIA ST., OAKLAND. Two-story 3-room dwelling.  
 Owner and Builder D. C. Barner, 2933 Georgia St., Oakland  
 Architect Not Given. \$3,000

**DWELLING**  
 (530) 6250 ASPINWALL RD., OAKLAND. One-story 6 room dwelling.  
 Owner—L. G. Duerig,  
 Contractor J. B. Armstrong, 856 E 18th St., Oakland.  
 Architect F. H. Rimmers, 233 Post

St., San Francisco. Also 1-story garage, \$250.	\$7,200	DWELLING (543) 4326 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.	Architect—L. M. Johnson, 2215 71 Ave. \$200
<b>FACTORY</b> (531) 6715 SAN LEANDRO Street, OAKLAND. One-story factory. Owner and Contractor—Daniel Mc- Carthy, 3155 64th Ave., Oakland. Architect—Not Given. \$1,800		Owner & Builder—John S. Flagg, 3367 Alameda Ave. Architect—Not Given. \$3500	<b>STORE BUILDING</b> (554) 3126-32 SEMINARY AVENUE OAKLAND. One-story store building. Owner—G. & W. Sturtevant, 311 Seminary Ave. Contractor—Risdon & Sons, 5977 Ma- jestic Ave. Architect—Not Given. \$12,000
<b>ALTERATIONS</b> (532) SE COR. 14th and Jackson Sts., OAKLAND. Sidewalk altera- tions. Owner—P. G. & E. Co., 17th and Clay Sts., Oakland. Contractor—Phoenix - Simpion Co., 520 6th St., San Francisco. Architect—Not Given. \$1,000		<b>ALTERATIONS</b> (544) 2111 WEBSTER ST., OAK- LAND. Alterations. Owner & Builder—Labor Temple of Alameda Co., 560 11th St. Architect—W. C. Corlett, Bank of America Bldg. \$10,000	<b>ALTERATIONS</b> (555) 1770 BROADWAY, OAKLAND Alterations. Owner—Tiny's Restaurant, 19th an- Broadway. Contractor—D. J. Suell, 1165 26th St. \$1000
<b>DWELLING</b> (533) 3101 HYDE ST., OAKLAND. One-story 6-room dwelling. Owner and Builder—Walter Pressler 1419 Excelsior Ave., Oakland. Architect—Not Given. \$5,000		<b>ALTERATIONS</b> (545) 601-19 E. 12TH ST., OAK LAND. Alterations. Owner—Delger Trowbridge, 1 Mont- gomery St., San Francisco. Contractor—Henry Brown, 1357 East 32nd St. Architect—Will G. Corlett, Bank of America Bldg. \$5,000	<b>DWELLING</b> (556) 8244 GOLF LINKS RD., OAK- LAND. One-story 5-room dwell- ing. Owner—C. R. Tisher, 6127 Foothill Blvd. Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro. Also 1-story garage, \$200. Architect—Not Given. \$4500
<b>DWELLING</b> (534) 6529 THORNHILL DR., OAK- LAND. One-story 5-rm. dwell- ing. Owner and Builder—Earl M. Ripley, 987 Vermont St., Oakland. Architect—Not Given. \$4,000		<b>ADDITIONS</b> (546) 1254 DERBY, BERKELEY. Additions. Owner—A. P. Mazuschi, 600. Contractor—C. J. Pfrang, 6300 Clare- mont Ave. Architect—Not Given. \$1560	<b>DWELLING</b> (557) 1770 BROADWAY, OAKLAND Alterations. Owner—Tiny's Restaurant, 19th an- Broadway. Contractor—D. J. Suell, 1165 26th St. \$1000
<b>COMFORT STATION</b> (535) 802 FRANKLIN ST., OAK- LAND. One-story steel comfort station. Owner—Union Oil Co., Mills Tower, San Francisco. Contractor—F. J. Early, Jr., 366 40th St., Oakland. Architect—Not Given. \$1,000		<b>ADDITIONS</b> (547) 47 OAKVALE, BERKELEY. Additions. Owner—Geo. A. Scott, Prem. Contractor—L. R. McWethy, 1730 Franklin. Architect—Not Given. \$2000	<b>DWELLING</b> (558) 8244 GOLF LINKS RD., OAK- LAND. One-story 5-room dwell- ing. Owner—C. R. Tisher, 6127 Foothill Blvd. Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro. Also 1-story garage, \$200. Architect—Not Given. \$4500
<b>DWELLING</b> (536) 5639 CABOT DR., OAKLAND. Two-story 5-room dwelling. Owner—E. U. Vorheles. Contractor—W. J. Kraus, 1310 Marin Ave., Berkeley. Architect—Not Given. \$5,800		<b>SERVICE STATION</b> (548) 1975 WEBSTER ST., BERKE- LEY. One-story brick service station. Owner—V. J. Abruscil, 1433 Webster St. Contractor—J. C. James, 8314 East 14th St. Also 1-story brick comfort sta- tion, \$250 Architect—Not Given. \$4500	<b>BUILDING CONTRACTS</b> SAN FRANCISCO COUNTY
<b>ADDITIONS</b> (537) 156 HILLCREST RD., BERK- ELEY. Additions. Owner—Dr. Robert Legge, Prem. Contractor—Hugo Muller, Jr., 6339 Contra Costa Road. Architect—Not Given. \$2000		<b>ADDITION</b> (549) 5403 COLLEGE AVE., BERK- ELEY. Addition. Owner—W. H. Burrirt, 5461 Lawton Ave. Contractor—O. L. Burrirt, 427 63rd St. Architect—Not Given. \$1200	No. Owner Contractor Amt. 173 Pac. States Rainey 6035 74 Pac. States Cal. Gran. Wks. 21218 175 Armitage Tait 2885 176 R. C. Archbishop Daprato 15339 177 Bank America Ramazotti 1690 178 Hansen Zinkand 6938
<b>ADDITIONS</b> (538) 615 HEARST, BERKELEY. Additions. Owner—Pac. Guam Co., 2nd and Hearst. Contractor—C. M. Norgrove, 2220 Roosevelt Ave. Architect—Not Given. \$1750		<b>ALTERATIONS</b> (550) 10900 E. 14TH ST., OAKLAND. Alterations. Owner—Chevrolet Motor Co., 6901 Foothill Blvd. Contractor—Nat. Lena, 1174 19th St. Architect—Not Given. \$1000	<b>MASONRY WORK</b> (173) SW 3RD AND MARKET Sts. Masonry work on office building. Owner—Pacific States Savings and Loan Co., 745 Market St. Architect—Albert F. Roller, Crocker 1st National Bank Bldg. Contractor—Wm. A. Rainey & Son, 323 Clementina. Filed Sept. 16, '37. Dated Aug. 31, '37 85% progress. 15% usual 35 days. TOTAL COST, \$6,035.00
<b>DWELLING</b> (539) 1103 CRAGMONT, BERKE- LEY. One-story 5-room frame dwelling and garage. Owner—R. E. Whitley, 1011 Ordway. Contractor—F. E. Sherwood, 1359 Ma- rin Ave. Architect—Not Given. \$5500		<b>DWELLING</b> (551) 21 OVAL ROAD, OAKLAND. One-story 5-room dwelling. Owner—Faith Crocker, 30 Welding Lane. Contractor—H. L. Crocker, 30 Weld- ing Lane. Also 1-story frame garage, \$250. Architect—Not Given. \$3500	Bond, \$3,017.50. Surety, Pacific In- demnity Co. Plans and specifications filed.
<b>DWELLING</b> (540) 2697 66TH AVE., OAKLAND. One-story 5-room dwelling. Owner & Builder—Chas. Anderson, 3917 Park Blvd. Architect—Not Given. \$2900		<b>DWELLING</b> (552) 7975 HILLMONT AVE., OAK- LAND. One-story 5-room dwell- ing. Owner—M. De Silva, 4333 Redding St. Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro. Also 1-story garage, \$150. Architect—Not Given. \$3500	<b>STONE WORK</b> (174) SW THIRD AND MARKET STs. Stone work on office bldg. Owner—Pacific States Savings and Loan Co., 745 Market St. Architect—Albert F. Roller, Crocker 1st National Bank Bldg. Contractor—Calif. Cut Stone & Gran- ite Works, Railroad and Magnolia Aves., South San Francisco. Filed Sept. 16, '37. Dated Aug. 31, '37 85% progress payments. 15% usual 35 days. TOTAL COST, \$21,218.00
<b>DWELLING</b> (541) 6541 BECK ST., OAKLAND. One-story 5-room dwelling. Owner & Builder—Chas. Anderson, 3917 Park Blvd. Architect—Not Given. \$2900		<b>LAVATORY BLDG.</b> (553) 762 106TH AVE., OAKLAND. One-story lavatory building. Owner—General Metals Corp, 762 105th Ave. Contractor—H. J. Christensen and W. E. Lyons Constr. Co., 1955 Webster St.	Bond, \$10,609. Surety, Pacific In- demnity Co. Plans and specifications filed.
<b>DWELLING</b> (542) 7115 TODD ST., OAKLAND One-story 3-room dwelling. Owner & Builder Ray H. Bryant, 1116 71st Ave. Architect—Not Given. \$1000		<b>ALTERATIONS</b> (175) 3274 SACRAMENTO ST. Al- ter market. Owner—Mary E. Armitage Architect—Albert R. Williams, 251 Post St. Contractor—W. C. Tait, 1395 Trestle Glenn, Oakland. Filed Sept. 16, '37. Dated Sept. 15, '37. 50% progress payments. 25% completion. 25% usual 35 days. TOTAL COST, \$2,985.00	Plans and specifications filed.
			<b>MARKLE WORK</b> (176) W MASONIC AVE. bet. Page and Oak Sts. Marble work, etc., for church.



Owner—Roman Catholic Archbishop of S. F., 1100 Franklin Street.  
 Engineer—W. H. Ellison.  
 Contractor—Daparto Statuary Company, Chicago.  
 Filed, Sept. 17, '37. Dated, Sept. 16, '37  
 Progress payments.  
 TOTAL COST, \$15,339

Bond, \$15,339. Sureties, Massachusetts Bonding & Inc. Co. Limit, eight months. Plans and spec. filed.

**HEATING SYSTEM**  
 (177) SW IRVING ST. and Eighth St. Ave. Heating for bank building.  
 Owner—Bank of America N. T. and S. A.  
 Architect—Not Given.  
 Contractor—Adirano Ramazzotti, 1473 Vallejo Street.

Filed, Sept. 17, '37. Dated, Sept. 16, '37  
 1st and 15th of each month.....75%  
 Usual 35 days.....25%  
 TOTAL COST, \$1,690.00

Bond, \$1,690. Sureties, Standard Accident Ins. Co. Forfeit, \$25 per day. Limit, on or before Oct. 15. Plans and specifications filed.

**STORE**  
 (178) NW 18th Ave. and Taraval St. One-story frame store.  
 Owner—Minnie and Elouise Hansen, 2383 18th Avenue.  
 Architect—Walter C. Falch.  
 Contractor—Ed. Zinkand & Son, 667 36th Avenue.

Filed, Sept. 22, '37. Dated, Sept. 20, '37  
 Progress payments.  
 TOTAL COST, \$6,958.00

Bond, \$3,469. Sureties, David Grandi and Ferdinand Terheyden. Limit, 90 days. Plans and specifications filed.

**BUILDING CONTRACTS  
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
117	Un Realty	Brown	5270
118	Union Oil	Early	1195
119	Pac. T. & T.	Roby	3800

**ALTERATIONS**  
 (117) 12TH ST. AND 6TH AVE., OAKLAND. Alterations and additions.

Owner—United Realty Co. and Delger Trowbridge, 350 Geary St., San Francisco.  
 Contractor—Henry Brown, 1387 E. 32nd St., Oakland.

Filed Sept. 16, '37. Dated Aug. 28, '37  
 10th day each month, 75% labor and material.  
 Usual 35 days, 25%.

TOTAL COST, \$5270.00  
 Bond, \$5000. Surety, Hartford Acc. & Indemnity. Limit, 60 days. Plans and specifications filed.

**ALTERATIONS**  
 (118) EIGHTH and Franklin Streets, Oakland. Alterations to service station.

Owner—Union Oil Company.  
 Architect—Not Given.  
 Contractor—Fred J. Early.

Filed, Sept. 17, '37. Dated, Aug. 24, '37  
 Five days after completion.....75%  
 Usual 35 days.....25%  
 TOTAL COST, \$1,198.00

Limit, 15 days. Plans and specifications filed.

**PAINTING**  
 (119) 1519-1545 FRANKLIN ST., OAKLAND. Painting.

Owner—Pac. Tel. & Tel.  
 Contractor—C. S. Roby & Son.  
 Filed Sept. 20, '37. Dated Aug. 30, '37  
 Completion—75%.

Usual 40 days—25%  
 TOTAL COST, \$3,800.00  
 Bond, \$3,800. Surety, Pacific Indem. Co. Limit, 14 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS  
 UNDER \$1000**

SIGN, electric, \$100; 836 Irving St.; owner, Ploog Bros., premises; contractor, A. J. Raymond, Inc., 712 Sansome St.

ALTER dwelling, \$250; 514 Munich; owner, Chas. Alberts, premises.  
 ALTER flats, \$150; 964 Eddy Street; owner, Nicholas Vrabel, 43 Verona Place.

SIGN, electric, \$165; 2901 Irving St.; owner, John Rhodes, premises, contractor, A. J. Raymond, Inc., 712 Sansome St.

ALTER flats, \$700; 541-43 Oak St.; owner, Ben Bayaert, 543 Oak St.  
 ALTER plant, \$350; 1995 Ocean Ave.; owner, E. V. Moon, 24 Keystone Way.

WALL, retaining, \$150; 201 Pacheco St.; owner, G. Giannini, 3234 Lyon St.; contractor, Bayview Concrete Co., 325 Ocean Ave.

ALTER flats, \$400; 1975-77-79 Geary St.; owner, L. Meyers, 2120 Post St.  
 SIGN, electric, \$200; 1548 Polk St.; owner, Maple Leaf, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER market, \$500.00; 1109 Grant Ave.; owner, Hee Tai Wo, prem.; contractor, Frank Yick 670 Washington St.

ALTER garage, \$25; 901 Buchanan St.; owner, D. Sarafian, premises.  
 SIGN, electric, \$100; 387 Ellis Street; owner, Mentone Hotel, premises; contractor, Luminad Corp., 5835 Third St.

SIGN, electric, \$50; 495 Castro St.; owner, Star Pharmacy, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER flats, \$450; 4327 20th St.; owner, J. J. Glennon, 10 29th St.  
 ALTER dwelling, \$50; 4338 25th St.; owner, Clinton C. Little, prem.

ALTER dwelling, \$90; 935 Hollister Ave.; owner, Frank Massanet, 935 Hollister Ave.  
 SIGN, electric, \$100; 387 Ellis St.; owner, Mentone Hotel, premises; contractor, Luminad Corp., 5835 Third St.

ALTER shed, \$50; 4932 Anza Street; owner, Mrs. Thompson, premises.  
 ALTER dwelling, \$60; 4126 26th St.; owner, C. Petersen, care contractor; contractor, Empire Htg. Co., 2707 Geary Blvd.

ALTER walls, \$25; 301-11 Howard St.; owner, Whittier East, care contractor, contractor, F. C. Williams Co., 1617 Lombard St.  
 ALTER dwelling, \$850; 71-76-78 Belcher St.; owner, John Lubshnick, 1415 Eddy St.

SIGN, electric, \$350; 34 3rd St.; owner, Witty Dairy Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$450; 1701 Van Ness Ave.; owner, Flynn & Collins, premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$275; 746 15th Ave.; owner, J. J. Pittman, premises, contractor, Albert Massagh, 3521 Geary Blvd.

ALTER dwelling, \$350; 277 Hartford St.; owner, Chris Farrell, 276 Hartford St.

FLUE, \$40; 56 Nantucket; owner, Mrs. Ward, premises; contractor, John A. Marshall, 4447 Mission St.

ALTER dwelling, \$300; 3129 34rd St.; owner, E. J. DeLahuny, prem.; contractor, Victor Oliva, 2731 21th St.

ALTER office and warehouse, \$950; 1610 Post St.; owner, J. Gerardin and D. Kellan, 151 Sutter Street; contractor, Oscar Presco Sons, 250 Langton St.

ALTER dwelling, \$500; 47 14th St.;

owner, M. Postler, premises; contractor, Lincoln U. Grant, 658 3rd Avenue.

ALTER dwelling \$166; 225 Castaneda Ave.; owner, Andw. Fredrickson, premises; contractor, Chas. Anderson, 159 Grandville Way.

SIGN, electric, \$350; 34 3rd Street; owner, Witty Dairy Co., prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$300; 160 Liberty St.; owner, Mrs. L. Najac, premises; contractor, Robinson and Johnston, 180 Oak St.

ALTER dwelling, \$400; 759 Monterey Blvd.; owner, Paul R. Meissner, 759 Monterey Blvd.

SIGN, electric, \$200; 722 Bush St.; owner, Moonlight Laundry, 722 Bush St.; contractor, Wonderlite Neon Prod. Corp., 170 Otis St.

ALTER dwelling, \$75; 1319 42nd Ave.; owner, Lee Barrett, premises; contractor, Witty Dairy Co., 910 Harrison St.; owner, B. Silverman, 441 Ellis; contractor, Beal Store Equipment Co., 2745 16th St.

ALTER dwelling, \$650; 78-A and 78-B Belcher St.; owner, J. Lubshnick, 1445 Eddy St.

SIGN, electric, \$175; 674 Broadway; owner, Cosmopolite, 674 Broadway; contractor, Apex Electric Co., 363 Fell St.

SIGN, electric, \$350; 34 3rd St.; owner, Witty Dairy Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER flats, \$100; 20 Chenery St.; owner, C. M. Johnson, 95 Chenery St.

SIGN, electric, \$100; 2104 Mission St.; owner, Walter Saphia, premises contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER dwelling, \$150; 960 Noe St.; owner, R. J. Kelly, 641 Rockdale Drive; contractor, Elmer Bldg. & Cabinet Shop, 430 Holloway Ave.

FLUE, \$10; 16 Wheat St.; owner, R. Dean, Prem.; contractor, P. I. Pernhill, 325 Wayland Ave.

ALTER dwelling, \$200; 1246 Shafter Ave.; owner, F. Travrsa, Prem.

FRAME fuel yard, \$500; E. San Bruno Ave., 230 S. Woolsey; owner, Eddie Landon, 347 Holvoake St.

ALTER flats, \$200; 781-83 Hayes St.; owner, A. Wittle, 1159 Market St.

ALTER dwelling, \$65; 32 Randall Prem.  
 ALTER flats, \$95; 777 Bay Street; owner, Hybla V. Knutson, Prem.; contractor, M. J. Purcell, 1318 Polk St.

ALTER dwelling, \$471; 475 Hoffman St.; owner, Frank Metzler, Prem.; contractor, Ira W. Coburn, 2048 Market St.

ALTER flats, \$350; 150 Jersey St.; owner, Melba E. Grovers, Prem.; contractor, Thos. McCormick, 73 Hill St.

ALTER dwelling, \$362; 2829 Diablero St.; owner, F. E. Krafft & Sons, Phelan Bldg.; contractor, F. Daniel O'Neill, 273 Minna St.; plans by Elmer J. Krafft, Phelan Bldg.

ALTER dwelling, \$20; 275 Paris St.; owner, Edward Baker, Prem.

ALTER dwelling, \$100; 663 Green St.; owner, Valente Marini Peralta & Co., 619 Green St.; contractor, Harry E. Drake, 606 Mission St.

ALTER dwelling, \$60; 1027 9th St.; owner, Chas. O'Shea, Prem.  
 ALTER flats, \$100; 1825 Stockton St.; owner, J. Ross, 1821 Stockton St.; contractor, F. R. ... 1835 Stockton St.  
 ALTER shed, \$50; 4932 Anza Street; owner, J. M. Thompson, 314 3rd Ave.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Stanks, Stoves and                      |
| 7.—Federal Buildings            | 17.—Theatres                                |
| 8.—Club Buildings               | 18.—Wharves & Docks                         |
| 9.—Hospitals                    | 19.—Misc. Const.                            |
| 10.—Hotels                      | 20.—Misc. Supplies &                        |

### 1—APARTMENTS

**Contract Awarded**  
ALTERATIONS Cost, \$6,000  
SANTA CLARA, Santa Clara County. Alterations to residence for apartments (3 apts.) 3 new baths, 3 new kitchens, tile work, plumbing, re-wiring, refinish exterior and interior walls, new single roof, new foundation, move partitions, etc.

Owner—Anna S. Higgins.  
Architect—Higgins & Rote (Chester Root, architect) Security Bldg, San Jose.  
Contractor—Selected.

**Sub Bids Being Taken**  
APARTMENTS Cost, \$60,000  
SAN FRANCISCO, Calif. NE Golden Gate and University Terrace. Three-story frame apartment building (eighteen 3- and Junior 4-room apts.), whitewashed brick and rustic exterior, composition shingle roof, tile baths, hardwood floors, etc., Colonial style.

Owner & Builder—John Murphy, 350 Claremont Blvd.  
Architect—H. C. Baumann, 251 Kearny St.

### 3—CHURCHES

**CONTRACT AWARDED**  
EAGLE ROCK, Los Angeles Co., Calif.—Don W. Kemp, 2007 W. 79th St., Los Angeles, awarded contract for construction of a 1-story, 14-room frame and stucco Sunday school building on Eagle Rock Blvd., for the Presbyterian Church of Eagle Rock. Arthur L. Herberger, 605 Architects' Bldg., Los Angeles, Architect.

**CONTRACTS AWARDED**  
ALTERATIONS Cost, \$15,329  
SAN FRANCISCO, Calif. Masonic Ave. and Page St.  
New marble altar at St. Agnes' Church.

Owner—Roman Catholic Archbishop of San Francisco, 1190 Franklin Street.

Architect—Arnold Constable, 551 Market St.

Contractor—Deparato Statuary of Chicago, Ill.

Rev. J. A. Butler is pastor of the church.

Structural Work—Patterson & Koster Iron Works, 280 13th St.

### 4—FACTORIES & WAREHOUSES

**Contract Awarded**  
ADDITION Cost, \$50,000  
SAN FRANCISCO, Calif. Bayshore

Blvd.  
One-story steel frame addition to glue building, pile foundation, brick walls, glass brick, steel sash, protected metal roofing.  
Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.  
Architect—Farr & Ward, 68 Post St.  
Structural Engineer—W. H. Ellison, 821 Market St.  
Contractor—Barrett & Hulp, 918 Harrison St.

**SUB BIDS WANTED**  
CONTRA COSTA CO., Calif.—Empire Construction Company, 405 Ruas Bldg., San Francisco (Sutter 2989), is figuring plans and desires sub bids on concrete and cement, reinforcing steel, rough lumber, mill work, rough and finish hardware, steel sash, electric wiring and fixtures, corrugated iron, sheet metal, plumbing, and septic tank, for construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance site, located approximately one-half mile north of Walnut Creek, for which bids will be opened Oct. 4, 2 p. m., by the State Division of Highways, Jno. H. Skeggs, District Engineer, Dept. of Public Works, San Francisco.

**BIDS WANTED**  
MADERA CO., Calif.—Until Sept. 27, 10 a. m., bids will be received by the State Division of Highways, Department of Public Works, R. M. Gillis, District Engineer, corner of Carruth and Olive Streets, Fresno, for the construction of maintenance station buildings and appurtenances at the Coarsegold Maintenance Site, about 4 mile east of Coarsegold, Madera County.  
Plans and specifications may be obtained at the above office.

**Contract Awarded**  
FACTORY Cost, \$15,000  
SAN FRANCISCO, NE Bayshore Blvd and Sunnydale.  
Owner—Class C Factory.  
Owner—W. W. Norton, 206 Sansome Street.  
Engineer—W. Adrian, 417 Market St.  
Contractor—Cahill Bros., 206 Sansome St.

**Contract Awarded**  
ALTERATIONS Cost, \$5,000  
SAN FRANCISCO, 111 Mississippi Street.  
Alterations to factory.  
Owner—Hockwold Chemical Co., 30 Bluxome Street.  
Architect—Not Given.  
Contractor—Cliff C. Newman, 507 Brannan St.

**Correction**  
FACTORY Cost, \$12,000  
SAN FRANCISCO, W 30th Street 245 N 18th Street.

One-story frame factory building.  
Owner—Fruehauf Trailer Co., 145 11th Street.

Engineer—W. H. Ellison, 821 Market.  
Contractor—Barrett & Hulp, 918 Harrison Street.

Electric—United Electric Const. Co., 4426 California St.

In our issue of Sept. 16, it was reported the electrical contract had been awarded to United Electric Co., 1190 Bryant St., which was in error.

As previously reported, sheet metal awarded to Morrison & Co., 74-76 Duane Ave.; plumbing to W. F. Wilson Co., 736 Harrison St.

**GRADING CONTRACT AWARDED**  
LOS ANGELES, Calif.—Frank T. Hickey, 7422 Santa Monica Blvd., has been awarded a contract for excav. and grading the site of the new Johns-Manville Corp. plant to be built at Alameda Ave. and 33rd St. Joshua H. Marks-Charde Co., general contractor; Stone & Webster, engineers; Albert C. Martin, consulting architect.

**To Be Done By Day's Work**  
ALTERATIONS Cost, \$5,000  
SAN FRANCISCO, Berry-Channel-Third and Fourth Streets. Alterations to warehouse.  
Owner—Southern Pacific Co., 65 Market Street.

Plans by J. H. Christie, 65 Market St. (chief engineer).

**Contract Awarded**  
FACTORY Cost, \$4,000  
BERKELEY, Alameda Co., Calif. 700 Berkeley St.

One-story factory building.  
Owner—H. E. Ballard, 1206 Milvia St., Berkeley.

Architect—Not Given.  
Contractor—Herrick Iron Works, 1734 Campbell St., Oakland.

**Contract Awarded**  
PULP PLANT Cost, \$2,000,000  
PELLINGHAM, Wash.  
Pulp plant 118 brick, concrete and steel buildings).  
Owner—Puget Sound Pulp & Timber Co.

Plans by Eng. Dept. of Owner.  
Contractor—Howard S. Wright & Co., 2210 Second St., Seattle, Wash.

One structure will be 80 x 400 ft. in ground area for drying machines; 1 unit will contain 3 digesters, others will include acid plant, power substation and laboratory, storage warehouses, boiler house, screen bldg., etc. Howard S. Wright & Co. was previously awarded contract for first unit of project, but owner has now decided to proceed with entire project. As previously announced, Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle, has contracted to dredge Whatcom creek waterway near company's holdings. City of Bellingham has agreed to extend water line to plant at cost of \$60,000. C. C. Moore, Smith Tower, Seattle, has been awarded contract for boiler installation. Industrial Engineers & Contractors, Tacoma, have contract for 200-ft. dike along Whatcom Creek Waterway and for driving piling for building foundation.

**BIDS WANTED**  
CONTRA COSTA CO., Calif.—Until Oct. 4, 2 p. m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, Department of Public Works, San Francisco, for the construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance Site, located approximately one-half mile north of Walnut Creek, Contra Costa County.  
Plans and specifications may be obtained from the above office. \*

### 5—FLATS

**Plans Being Prepared**  
ALTERATIONS Cost, \$2,500  
OAKLAND, Alameda Co., Calif. Santa Clara Ave. and Fairmount. Alterations to residence for flats (new plumbing, wiring, etc.).  
Owner—Mrs. Honeychurch, c/o Ar-

chitect.  
 Architect—Irwin M. Johnson, 2219  
 7th Ave., Oakland.  
 (5071)

**Contract Awarded**  
**ALTERATIONS** Cost, \$2,000  
**SAN FRANCISCO, Calif.** 2262-74  
 Geary Blvd.

Alterations to flats.  
 Owner—Annie McSheehy, 4156 24th  
 Street.

Architect—Not Given.  
 Contractor—J. McSheehy, 137 Clifford  
 Terrace.

**6—GARAGES & SERVICE STATIONS**

**Contract Awarded**  
**SERVICE STATION** Cost, \$  
**OAKLAND, Alameda Co., Calif.** Ho-  
 bart St. and Telegraph Avenue.  
 Gasoline service station.  
 Owner—Shell Oil Company, 315 Derby  
 Street, Oakland.

Plans by Engr. Dept. of Owner.  
 Contractor—Fred J. Early, 356 40th  
 Street, Oakland.

**Plans Being Prepared**  
**SERVICE STATION** Cost, \$10,000  
**EL CERRITO, Contra Costa Co., Cal.**  
 Yuba and San Pablo Aves.  
 Steel service station.

Owner—Shell Oil Company, 315 Derby  
 Street, Oakland.  
 Plans by Engr. Dept. of Owner.  
 Bids will be asked in two weeks.

**Contract Awarded**  
**SERVICE STATION** Cost, \$3,500  
**SAN FRANCISCO, NW Arguello &**  
**Anna Streets.**  
 One-story steel service station.  
 Owner—Richfield Oil Co., 248 Battery  
 Street.

Plans by Engr. Dept. of Owner.  
 Contractor—John Munson, c/o Owner.

**Contract Awarded**  
**ALTERATIONS** Cost, \$7,500  
**SAN FRANCISCO, Calif.** 1476 19th  
 Ave.

Alterations to flats.  
 Owner—G. Koekler, Prem.  
 Architect—M. A. Sheldon, Monadnock  
 Bldg.

Contractor—A. H. Wilhelm, 666 Mis-  
 sion St.

**Contract Awarded**  
**SERVICE STATION** Cost, \$4,500  
**OAKLAND, Alameda Co., Cal.** 1975  
 Webster St.

One-story brick gasoline service sta-  
 tion.  
 Owner—V. J. Abruzzi, 1433 Webster  
 St.

Architect—Not Given.  
 Contractor—J. C. James, 8314 E. 14th

**7—FEDERAL BUILDINGS**

**Project Approved**  
**POST OFFICE** Cost, \$190,000  
**WILMINGTON, Los Angeles County,**  
**Calif.**  
 U. S. Post Office.

Owner—U. S. Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Washing-  
 ton, D. C.

**Low Bidders**  
**POST OFFICE** Est. Cost, \$70,000  
**AUBURN, Placer Co., Calif.**  
 New U. S. Post Office.  
 Owner—U. S. Government.

Plans by the Supervising Architect,  
 Treasury Department, Washing-  
 ton, D. C.

**Low Bidder—L. F. Dow, 1243 25th St.,**  
**Santa Monica.**

Three low bids follow:  
 L. F. Dow, Santa Monica, \$56,543  
 Schuler & McDonald, Oakland 57,730  
 Brunzell & Jacobson, L. A. 58,747

Complete bids will be published  
 shortly.

**Low Bidder**  
**POST OFFICE** Est. Cost, \$80,000  
**SHELTON, Mason Co., Wash.**  
 U. S. Post Office.

Owner—U. S. Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Washing-  
 ton, D. C.

**Low Bidder—A. F. Mowatt, 1331 3rd**  
**Ave., Seattle—\$59,230.**

Complete bids will be published  
 shortly.

**Low Bidders**  
**POST OFFICE**  
**LAKEVIEW, Lake Co., Oregon.**  
 United States Post Office.

Owner—U. S. Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Washing-  
 ton, D. C.

**Low Bidder—Jas. I. Barnes, Spring-**  
**field, Mo.—\$121,900.**

Second low bid submitted by L. F.  
 Dow, Los Angeles, at \$127,000.

Complete bids will be published  
 shortly.

**LOW BIDDERS**  
**LOS ANGELES, Cal.—Robt. E. Mc-**  
**Kee, P. O. Box 217, El Centro, at**  
**\$110,000 (Item 1) submitted low bid**

to the Procurement Division, Public  
 Buildings Branch, Washington, D. C.,  
 for construction of the work shop  
 and storage addition, etc., for the  
 Federal Jail at Los Angeles.

Otis Elevator Co., 1 Beach St., San  
 Francisco, submitted low bid for  
 elevators, at \$3,239 (Item 1).

Low bids follow:  
**General Work**

R. E. McKee, El Centro (1) \$110,000  
 (2) 98,700  
 (3) 15,000

James I. Barnes, (1) \$117,130  
 (2) 107,230  
 (3) 12,900

Theo. Beyer, Los Angeles (1) \$118,736  
 (2) 205,854  
 (3) 17,178

**Elevators**  
 Otis Elevator Co., S. F. (1) \$3,239  
 (2) 6,334  
 (3) 9,547

Wm. A. Miller Machine and  
 Elevator Co., St. Louis (1) \$4,023  
 (2) 5,019  
 (3) 9,042

Complete bids will be published  
 shortly.

**Bids Wanted—To Close Nov. 4,**  
**1 P. M.**

**POST OFFICE** Cost, \$  
**MONROVIA, Los Angeles Co., Calif.**  
 U. S. Post Office Building.

Owner—United States Government,  
 Plans by Supervising Architect of  
 the Treasury Dept., Washington,  
 D. C.

Plans and specifications may be  
 obtained from above office.

**BIDS WANTED**  
**SAN DIEGO, Calif.—Until Sept. 30,**  
 11 a. m. bids will be received by  
 Public Works Officer, Eleventh Na-  
 val District, foot of Broadway, San  
 Diego, for connecting passage be-  
 tween Buildings Nos. 22 and 15 at  
 the Eleventh Naval District (Naval  
 Hospital), San Diego; Spec. No. 8539.

Plans and specifications may be  
 obtained from the above office upon  
 deposit of \$10.

**CONTRACT AWARDED**  
**SAN DIEGO, Calif.—Edgar F. Has-**  
**tings, 3776 5th Ave., San Diego, at**  
**\$1,867, awarded contract by Eleventh**

**Naval District, foot of Broadway,**  
**San Diego, for remodeling quarters**

**M1 at the Naval Operations Base**  
**(Marine Corps Base), San Diego, un-**  
**der Spec. No. 8573.**

Work consists of alterations and  
 additions to existing timber frame  
 and exterior tile wall quarters, i. e.,  
 removal of a portion of the roof  
 framing of the one-story service por-  
 tion of the building and extending the  
 second floor to provide passage from  
 new interior stairs to the main por-  
 tion of the second floor quarters, and  
 to provide additional closet space.  
 Project will include carpentry and  
 joinery work, plaster and stucco  
 work, electrical, painting and other  
 miscellaneous work for making the  
 required alterations and additions.  
 (4048) 1st report Sept. 2, 1937.

**BIDS WANTED**  
**PORT TOWNSEND, Wash.—Until**  
**Oct. 14, 10 A. M., bids will be re-**  
**ceived by the Procurement Division,**  
**Public Buildings Branch, Washing-**  
**ton, D. C., for refinishing interior**

**wood work in the U. S. Quarantine**  
**Station at Port Townsend. Plans and**  
**specifications may be obtained from**  
**the above office. 7**

**COMPLETE BIDS**  
**SAN PEDRO, Los Angeles Co., Cal.**  
**—Robert E. McKee, Central Bldg.,**  
**Los Angeles submitted low general**

**bid to Procurement Division at \$110,-**  
**000 for a work shop and storage bldg**

**addition to the Federal jail in San**  
**Pedro. The building will be a two-**  
**story, L-shaped structure, the stor-**  
**age portion 165x41 ft. in area and the**

**work shop 121x41 ft., reinforced con-**  
**crete walls, metal windows and doors,**  
**concrete floors, granolithic work,**

**structural metal, ornamental iron,**  
**hoistways for two elevators, hollow**

**metal work, composition roof, refrig-**  
**erator door, vacuum heating.**

**The bids were:**

**General Work:** Robt. E. McKee, (1)  
 all work complete, except elevators,  
 \$110,000; (2) all work, except eleva-  
 tors, observation platform, enclosure  
 for custodial towers and guards'

walk, including mechanical equipment  
 for same, \$98,700; (3) observation  
 platform, custodial tower and guards'  
 walk, exclusive of mechanical equip-  
 ment, \$15,000.

Jas. J. Barnes, (1) \$117,130; (2)  
 \$107,230; (3) \$12,900.

Theo. A. Beyer Corp., (1) \$118,736,  
 (2) \$105,854; (3) \$17,178.

Chas. J. Dorfman, (1) \$119,000; (2)  
 \$106,500; (3) \$15,000.

L. F. Dow Co., (1) \$121,000; (2)  
 \$107,000; (3) no bid.

R. E. Campbell, (1) \$131,200; (2)  
 \$118,500; (3) \$15,800.

Wilhard Lutz, (1) \$132,500; (2) \$118,  
 000; (3) \$15,000.

**Elevators:** Otis Elevator Co., (1)  
 \$3,239; (2) \$6,334; (3) 9,547

Wm. M. Miller Machine & Elevator  
 Co., (1) \$4,023; (2) \$5,019; (3) \$9,042.  
 King Machine & Mfg. Co., (1) \$4,019,  
 (2) \$6,245; (3) \$9,935.

**BIDS OPENED**  
**SEATTLE, Wash.—American Dis-**  
**trict Telegraph Company, Seattle, at**  
**\$1,940 14 (Item 1) and \$1,267 (Item 2),**

**submitted low bid to Bureau of**  
**Yards & Docks, Navy Department,**  
**Washington, D. C., for burglar-proof**

**cabinets and alarm system for Dis-**  
**trict Headquarters Building, Seattle**

**Spec. No. 8574. Only other bid was**  
**submitted by the Butte Electric &**  
**Mfg. Co., Seattle, at \$2,494. Item 1**

**No bid submitted on Item 2.**

**LOW BIDDER**  
**ASTORIA, Ore.—Industrial Spray**  
**Painting Co., 2150 NW 29th Ave.,**  
**Portland, Oregon, at \$2,999, submitted**

**low bid to Bureau of Yards & Docks,**  
**Navy Department, Washington, D. C.,**  
**for painting towers, at Astoria, Ore.**

**BIDS WANTED**  
**VENTURA, Calif.—Until Oct. 15,**  
**10 a. m. bids will be received by Pro-**

urement Division, Public Buildings Branch, Washington, D. C., for miscellaneous changes at the U. S. Post Office, Ventura.

Plans and specifications may be obtained from the above office and from the Custodian of the Building, Ventura.

**Project Approved, Site Bids Wanted. To Close October 4**

**POST OFFICE** Cost, \$5,000  
LOS BANOS, Merced Co., Calif.

U. S. Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Site bids are now being received.

**Project Approved**  
**POST OFFICE** Cost, \$85,000

PLACERVILLE, Eldorado Co., Calif.  
U. S. Post Office building.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Project Approved**  
**POST OFFICE** Cost, \$87,000

LIVERMORE, Alameda Co., Calif.  
U. S. Post Office building.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Project Approved**  
**POST OFFICE** Cost, \$5,000

SOUTH SAN FRANCISCO, San Mateo Co., Calif.

U. S. Post Office building.  
Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Site Bids Wanted—To Close Oct. 1st**  
**POST OFFICE** Cost, \$95,000

TONOPAH, Nevada.  
U. S. Post Office.

Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Project Approved**  
**POST OFFICE** Cost, \$5,000

ONNARD, Ventura Co., Calif.  
U. S. Post Office Building.

Owner—United States Government.  
Plans by Supervising Architect of the Treasury Department, Washington, D. C.

**LOW BIDDER**

SAN DIEGO, Calif.—Edgar F. Hastings, 3756 5th Ave., San Diego, at \$1,867, submitted low bid to Eleventh Naval District, San Diego, for remodeling quarters (MI) at the Naval Operating Base (Marine Corps Base), San Diego. Spec. No. 873.  
Bids held under advisement.

**Low Bidders**

**POST OFFICE**

MAYWOOD, Los Angeles Co., Calif.  
United States Post Office.

Owner—U. S. Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Low Bidder—Campbell Constr. Co., 3338 Alhambra Ave., Los Angeles—\$127,800.

Three low bids follow:

Campbell Constr. Co., L. A. \$18,258

T. A. Bever Corp., L. A. 50,283

Sarver & Zoss, Inc., Los Angeles—50,500

Complete bids will be published shortly.

**Project Approved**  
**POST OFFICE** Cost, \$109,000

YUBA CITY, Sutter Co., Calif.  
U. S. Post Office building.

Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Project Approved**  
**POST OFFICE** Cost, \$75,000

MANTECA, San Joaquin Co., Calif.  
U. S. Post Office building.

Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

## 8— CLUB BUILDINGS

**Planned**  
**CLUB** Cost, \$.....

TURLOCK, Stanislaus Co., Calif.  
Club building (rustic type).

Owner—Turlock Exchange Club (Dr. Harry S. Lutz, President), 212 E. Main St., Turlock.

Architect—Not Given.

The building will be used for the boy and girl scout meetings.

Plans are now under way to raise funds to finance the building.

## 9— HOSPITALS

### BIDS OPENED

ELDRIDGE, Sonoma Co., Calif.—Palm Iron Works, P. O. Box 746, Sacramento, submitted low bid at \$1,362, to State Division of Architecture, Sacramento, for constructing fire escape at the Sonoma State Home.

Complete bids follow:

Palm Iron Works, Sacramento, \$1,362

Patterson & Koster Iron Works, San Francisco, 1,363

Michel & Pfeffer, S. F., 1,466

Valley Steel & Welding Works, Stockton, 1,480

Schrader Iron Works, S. F., 1,500

Bids held under advisement.

### CONTRACT AWARDED

RIVERSIDE, Calif.—King Machine & Mfg. Co., 1171 E. 32nd St., Los Angeles, at \$829,866.10 (using Shepard equipment), awarded contract by Riverside County Supervisors, for 1 electric passenger elevator, 1 electric service elevator, 1 electric freight elevator and 1 dumbwaiter to be installed in the new Riverside county hospital. G. Stanley Wilson, architect.

Contract Awarded

ALTERATIONS Cost, \$4,000

FRESNO, Calif. 1253 Broadway.  
Alterations to hotel building.

Owner—Fresno Hotel, Frem. Architect—Not Given.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

## 10— HOTELS

**Contract Awarded**

ALTERATIONS Cost, \$4,000

FRESNO, Calif. 1253 Broadway.  
Alterations to hotel building.

Owner—Fresno Hotel, Frem. Architect—Not Given.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

## 12— POWER PLANTS

**TO ASK BIDS**

LOS ANGELES, Calif.—L. A. Union Passenger Terminal: A. J. Barlow, construction superintendent, 726 N. Alameda St. will take bids starting next week for fuel burning and combustion control equipment for power boiler, Spec. MS-11, for the new railway terminal under construction on Alameda Street for the Santa Fe, Southern Pacific and Union Pacific railroads.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

## 13— PUBLIC BUILDINGS

### FIRE HOUSES & JAILS

**BIDS WANTED**

LOS ANGELES, Calif.—Until Oct. 13, 2 p. m., bids will be received by the State Architect, Geo. B. McDougall, Public Works Bldg., 12th and N. Streets, Sacramento, for proposed buildings on the Los Angeles State Building Site, Court and Broadway, Los Angeles.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

Contractor—Fisher & McNulty, 327-28 Cory Bldg., Fresno.

The buildings referred to are the former Zahn Bldg., Fulton Bldg., and the Insurance Bldg., located on the property bounded by, and the alley adjacent to the Hall of Records. These buildings are now occupied by the Los Angeles County Offices, but will be vacated and the buildings will be available to the Contractor 30 days after the award of contract. The buildings are open to inspection at this time. Specifications for this work list certain mechanical and electrical equipment belonging to the Los Angeles County, which will be removed; but all other materials and equipment will become the property of the successful contractor. The work will involve the razing of the buildings down to ground or basement levels, with the exception of a portion of certain walls, which will be left as tunnel or retaining walls. Specifications are on file in the office of the Division of Architecture, Public Works Bldg., Sacramento, and also Room 803, State Office Bldg., Los Angeles.

**Contracts Awarded**

FRANCISCO.—Grant & Martineau Construction Co., 44 Mary St., at \$42,355, awarded contract by the Dept. of Public Works, City Hall, for general construction of Engine House No. 20 (48 x 92 ft.) on the south side of Greenwich Street, 158 feet east of Steiner St., of steel frame construction, roof, concrete masonry walls, wood frame reinforcing, cement and steel hose tower, gas-fired steam plant.

Other contracts awarded follow:

Mechanical work, Scott Co., 243 Minna St., at \$7,947; electrical work, G. H. Armstrong, 1388 Van Ness Ave. South, at \$2,300.

Contract Awarded

JAIL ADDITION Cost, \$42,000

MADERA, Madera Co., Calif.  
Two - story reinforced concrete and granite wing addition to connect with existing building by 20-ft. court; remodel front of existing bldg.; new office rooms; women's ward on 2nd floor of new wing; basement to house kitchen, laundry and equipment.

Owner—County of Madera.  
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

**Bids Wanted—To Close October 1, 3 P. M.**

INTERIOR WORK Cost, \$5,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Partitions and interior work in East Hangar (from and service portions, East Hangar, Contract 111) Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, president), 585 Bush Street.

Plans by San Francisco Bay Architectural Commission, 585 Bush St. Plans and specifications may be obtained from the above office.

**Bids Wanted—To Close September 27, 3 P. M.**

PLUMBING, ETC. Cost, \$5,000

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piping, rough plumbing and ventilating equipment in the Palace Group.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, president), 585 Bush Street.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

**Plans Being Completed**

ADDITION Cost, \$10,000

PACIFIC GROVE, Monterey County. Addition of new wing to the city library building (lecture rm., stock room, children's rooms, etc.)

**Owner**—City of Pacific Grove (Erwin Dames, city manager).

**Architect**—C. J. Ryland, Carmel and Monterey.

Bids will be asked in about 2 weeks.

**Preparing Working Drawings**  
CITY HALL, Est. Cost, \$80,000  
SANTA CRUZ, Santa Cruz Co., Cal.  
Church and Locust Streets.

One- and two-story reinforced concrete City Hall (second and third units) to house offices of city engineer, building and plumbing inspectors, council chamber, and police court and committee chambers.

**Owner**—City of Santa Cruz (S. Z. Evans, city clerk).  
**Architect**—C. J. Ryland, Carmel and Monterey.

PWA has allotted grant in amount of \$36,000 and funds in the amount of \$44,000 are available to complete financing.

Bids will be asked in about thirty days.

**BIDS OPENED**  
STOCKTON, San Joaquin Co., Cal.—Miller-Hays Co., 742 E. Weber Ave., Stockton, at \$2,157, submitted low bid to County Clerk, for replacing existing boiler in steam heating plant of the Court House at Stockton. Julius B. Manthey, county surveyor, Highway-Agriculture Bldg., Hazelton Avenue and B Street, Stockton.

Complete bids follow:  
Miller-Hays Co., Stockton.....\$2,157  
O'Mara & Stewart, S. F.....2,377  
Pahl-Harry Co., Stockton.....2,535  
Eis's Plumbing Co., Stockton.....3,025  
O. H. Vetter, Stockton.....3,328  
Contract will be awarded to low bidder.

**BIDS WANTED**  
RED BLUFF, Tehama Co., Calif.—Until Oct. 4, 7:30 p.m., bids will be received by the Department of Public Works, Red Bluff, for remodeling executive offices and the exterior of the City Hall in Red Bluff.

Specifications may be obtained from the above office. 3

**SUB-BIDS WANTED**  
SAN RAFAEL, Marin Co., Calif.—De Luca & Son, Inc., 1745 Filbert St., San Francisco, is figuring plans and desires sub-bids not later than Sept. 25 on all portions of the work for the construction of improvements and additions to the County Farm, San Rafael, for which bids will be opened Sept. 27, 10 A. M.

Plans prepared by Architect N. W. Sexton, deYoung Bldg., San Francisco.

**SUB-BIDS WANTED**  
SAN RAFAEL, Marin Co., Calif.—Central Calif. Const. Co., 115 Burrows St., San Francisco, is figuring plans and desires sub-bids on all portions of the work for the construction of improvements and additions to the County Farm, San Rafael, for which bids will be opened Sept. 27, 10 A. M.

Plans prepared by Architect N. W. Sexton, deYoung Bldg., San Francisco. 3

**BIDS WANTED**  
SANTA BARBARA, Calif.—Until October 4, 10 A. M., bids will be received by the Santa Barbara county supervisors for alterations and additions to building for employees' quarters at Santa Barbara county hospital, located on San Antonio Road. Plans obtainable at the office of Architect H. W. Howell, 157 Cheltenham Road, Santa Barbara. Certified or cashier's check or bond for 10% required.

**BIDS WANTED**  
SAN FRANCISCO—Until Sept. 29, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing wood floor in the Second Floor Office of the Civic Auditorium.

Specifications obtainable from the office of City Architect Charles H. Sawyer, Room 263, City Hall. No de-

**14— RESIDENCES**

**Plans Being Figured**  
RESIDENCE Cost, \$4,500  
BENICIA, Solano Co., Calif. Third and L Sts.

One-story Monterey Colonial residence, separate double garage, shingle roof, linoleum bath, kitchen and laundry room.

**Owner**—M. F. Ecker.  
**Plans by** Paul V. Tuttle, 3718 Grand Ave., Oakland.

Plans are now being figured by Clarence L. Wood, 1937 88th Ave., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$15,000  
FRESNO Fresno Co., Calif. Echo and Home Avenues.

Two-story frame and stucco residence (tile roof, air conditioning system, etc.).

**Owner**—Con Ambrose, 3119 Iowa St., Fresno.  
**Architect**—James Arnott, Brix Bldg., Fresno.

**Contractor**—Richmond Const. Co., P. O. Box 52, Fresno.

**Sub Bids Being Taken**  
RESIDENCE Cost, \$6,000  
SAN LEANDRO, Alameda Co., Calif. New Broadmore Tract.

One-story frame and stucco residence (6 rooms), shake roof, gas heating system, hardwood floors, tile bath, etc.

**Owner & Builders**—Derry Bros., 815 E. 11th St., Oakland.  
**Architect**—Irwin M. Johnson, 2219 7th Ave., Oakland.

**Low Bidder**  
ALTERATIONS Cost, \$5,000  
SAN FRANCISCO, Calif. West Clay Park.

Alterations to residence.

**Owner**—Name withheld.  
**Architect**—Fabre & Hildebrand, 110 Sutter St.

**Low Bidder**—H. S. Meinberger, 956 Folsom St.

Bids held under advisement.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 432 Florence Ave.

One-story and basement frame and stucco residence (6 rooms).

**Owner & Builder**—Whalen & Hufschmidt, 370 17th St., Oakland.  
**Architect**—Not Given.

**To Be Done By Day's Work**  
RESIDENCES (15) Cost, \$5,000 each  
SAN FRANCISCO, S. Los Palmar Drive, East of Hazelwood

Eighteen 2-story and basement frame and stucco residences.

**Owner & Builder**—A & D. Realty Co., 974 Irving Street.  
**Architect**—Not Given.

**Plans Being Completed**  
RESIDENCE Cost, \$3,000  
LAFAYETTE, Contra Costa Co., Cal (One-story frame residence (6 rooms), shingle or composition roofing, oil heating system, etc.)

**Owner**—Robert H. Bennett.  
**Architect**—James H. Anderson, 3147 Clement Ave., Berkeley.

Bids will be asked in about one week.

**Contract Awarded**  
RESIDENCE Cost, \$17,000  
PIEDMONT, Alameda Co., Calif.

Two-story frame and stucco residence (7 rooms, 3 baths) shingle roof, gas heating system, etc.

**Owner**—G. O'Connor, City Architect.  
**Architect**—Clarence W. Mayhew, 6025 Acacia St., Piedmont.  
**Contractor**—Olaf Petersen, 3626 Rhoda Ave., Oakland.

**Contract Awarded**  
ALTERATIONS Cost, \$4,000  
BERKELEY, Alameda Co., Cal. Oak Vale Avenue.

Alterations to residence (new wiring, enlarge rooms, composition roof).

**Owner**—Withheld.  
**Architect**—Williams and Wastell, 337 17th St., Oakland.

**Contractor**—Roy McWethy, 51 Verona St., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$75,000  
SAN FRANCISCO, W San Bruno Ventura 100 S St. Francis Blvd.

Two-story and basement frame residence (15 rooms, 9 baths) brick veneer, tile roof, brick patio, brick fountain, steam heating system, gold fixtures, hardwood floors.

**Owner**—George Mann, 120 San Bruno Ventura Avenue.  
**Architect**—Not Given.

**Contractor**—Moore and Robert, 600 Mission Street.

**Contract Awarded**  
RESIDENCE Cost, \$650  
OAKLAND, Alameda Co., Calif. 5629 Cabot Drive.

Two-story frame residence (5 rooms) stucco.

**Owner**—E. U. Vorhies.  
**Architect**—Not Given.  
**Contractor**—W. J. Kraus, 1310 Marin Ave., Berkeley. 11

**Plans Being Figured—Bids Close**  
Oct. 1, 5 P. M.  
RESIDENCE Cost, \$3,000  
MARIN COUNTY, Tamalpais Valley

One-story frame and stucco residence (5 rooms) hardwood floors, tile baths, shingle roof, floor tile, pines, wood sash.

**Owner**—L. L. Costigan, 709 Sutter St., San Francisco.  
**Architect**—Mario Corbelli, 72 3rd Ave., San Mateo.

Following are figuring the plan: Peter Sartorio, 309 Pine St., San Francisco.

A. E. Costigan, Ross.  
DeLuca & Son, 1745 Filbert St., San Francisco.

Jos. Binet, R. F. D. Box 2, Redwood City.  
Leibert & Trobeck, Albert Bldg., San Rafael.

**Plans Being Figured—Bids Close**  
September 30  
RESIDENCE Cost, \$35,000  
ATHERTON, San Mateo Co., Calif.

Two-story frame and stucco residence (12 rooms, 3 baths), composition roof, steam heating system, hardwood floors.

**Owner**—Name withheld.  
**Architect**—Erls J. Osborn, 211 E. 10th St., San Francisco.

**Plans Being Figured—Bids Close**  
Oct. 1, 5 P. M.  
RESIDENCE Cost, \$3,000  
SAN ANSELMO, Marin Co., Calif.

One-story California bungalow type of frame with tile roof, brick veneer, composition roof, tile roof, wood and tile floors, tile roof, tile bath, etc.

**Owner**—Withheld.  
**Architect**—Mario Corbelli, 72 3rd Ave., San Mateo.

Following are figuring the plan: Peter Sartorio, 309 Pine St., San Francisco.  
A. E. Costigan, Ross.

DeLuca & Son, 1745 Filbert St., Francisco.  
 Jos. Binet, R. F. D. Rte. 2, Redwood City.  
 Leibert & Trobeck, Albert Bldg., San Rafael.

**CONTRACT AWARDED**

**HOLMBY HILLS**, Los Angeles Co., Calif.—Wm. C. Warrington, 8330 W. 3rd St., Los Angeles, awarded contract for construction of a 2-story and basement, 14-room residence on the northeast corner of Delfern Dr. and Baroda Dr., Holmbly Hills district, for a client, Gordon B. Kaufmann, 627 S. Carondelet St., Los Angeles, architect; frame and stucco construction, shingle tile roof, steel sash, cement, oak, linoleum, marble and tile floors, 6 bathrooms, shower Drs., forced-air heating system, marble hearths, gas water heater, dumb-waiter, wrought iron work, cast iron work, Venetian blinds, garage and servants' quarters, brick terrace; cost, \$80,000.

**Contract Awarded**

**RESIDENCE** Cost, \$8,000  
**OAKLAND**, Alameda Co., Calif. 6250 Aspinwall Road.  
 One - story and basement frame and stucco residence (6 rooms).  
 Owner—L. G. Duerig.  
 Architect—F. G. Reimers, 233 Post St., San Francisco.  
 Contractor—J. R. Armstrong, 836 E. 10th St., Oakland.

**Sub-Bids Being Taken**

**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO**, Merced Manor, 26th Avenue.  
 One - story frame and stucco residence (6 rooms) French type, slate roof, oak floors, gas heating system, tile baths, tile drainboards, etc.  
 Owner and Builder—J. W. McCabe, 716 Ulloa Street.  
 Architect—D. E. Jaekle, 126 Post St.

**Sub-Bids Being Taken**

**RESIDENCE** Cost, \$6,000  
**SAN FRANCISCO**, Merced Manor, 26th Avenue.  
 One - story frame and stucco residence (5 rooms) Monterey type; composition roof, oak floors, gas heating system, tile bath, tile drainboards, etc.  
 Owner and Builder—J. W. McCabe, 716 Ulloa Street.  
 Architect—D. E. Jaekle, 126 Post St.

**Contract Awarded**

**RESIDENCE** Cost, \$20,000  
**SACRAMENTO**, Calif. 1317 11th Avenue.  
 Two - story frame and stucco residence.  
 Owner—L. H. Richard.  
 Architect—Not Given.  
 Contractor—A. J. Wilson, 1216 O St., Sacramento.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$3,000 each  
**STOCKTON**, San Joaquin Co., Calif. 1148 N. Country Club Blvd.  
 Two 2-story frame, stucco and stone residences.  
 Owner & Builders—Associated Bldrs., Frem.  
 Architect—Not Given.

**Contract Awarded**

**ALTERATIONS** Cost, \$5,000  
**MILL VALLEY**, Marin Co., Calif. 511 Lovell Ave.  
 Alterations and additions to residence.  
 Owner—E. W. Bullard, Mill Valley.  
 Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
 Contractor—Melvin H. Klyce, 25 Eugene St., Mill Valley.

**Contract Awarded**

**RESIDENCE** Cost, \$8,000  
**MENLO OAKS**, San Mateo Co., Cal. Bay Road.  
 One - story frame and stucco residence.  
 Owner—John D. Kirby.  
 Architect—Not Given.  
 Contractor—Morris W. Reese, 1210 Minnesota St., San Jose.

**Contract Awarded**

**COTTAGE** Cost, \$7,100  
**PASATIEMPO**, Santa Cruz Co., Cal. One - story guest cottage (5 rooms), early California style; (first of a group of six cottages).  
 Owner—Pasatiempo Club.  
 Architect—John E. Fennacy, Financial Center Bldg., Oakland.  
 Contractor—Darrow Palmer, 254 Branciforte Ave., Santa Cruz

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$7,000 each  
**SAN FRANCISCO**, N. Bay St., W. Buchtana.  
 Two 2-story and basement frame and stucco residences.  
 Owner & Builder—Risdon Bros., 1324 Portola Drive.  
 Architect—Not Given.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$3,500 each  
**SAN JOSE**, Santa Clara Co., Calif. Four one-story frame and stucco residences (5 rooms each).  
 Owner and Builder—T. H. Herschbach, 1180 Cherry Avenue, San Jose.  
 Architect—Not Given.

**Plans Being Figured**

**RESIDENCE** Cost, \$ .....  
**SAN FRANCISCO**, Near Twin Peaks  
 Two - story frame and stucco residence (hardwood floors, tile baths, wood sash, etc).  
 Owner—Dr. Robt. Aird, c/o architect.  
 Architect—W. W. Wurster, 260 California Street.  
 Plans are now being figured by a selected list of contractors.

**Plans Being Figured**

**RESIDENCE** Cost, \$ .....  
**SAN FRANCISCO**, Near Twin Peaks  
 Two - story frame and stucco residence (hardwood floors, tile bath, wood sash, etc).  
 Architect—Chas. Gurchot, c/o architect.  
 Architect—W. W. Wurster, 260 California Street.  
 Plans are now being figured by a selected list of contractors.

**Preparing Preliminary Plans**

**RESIDENCE** Cost, \$5,000  
**OAKLAND**, Alameda County, Calif. Thornhill Drive, Forest Park.  
 One - story rustic residence (5 rooms), double garage, shingle or shake roof, oak floors, fireplace.  
 Owner—Mary Matthews.  
 Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

**15— SCHOOLS****LOW BIDDER**

**LOS ANGELES**, Calif.—E. C. Neeser, 4822 W. Jefferson Blvd., submitted low bid to Los Angeles Board of Education, at \$192,663, for construction of an auditorium building, shop building, and a classroom building at the Western District High School, H. L. Gogerty, architect, 6872 Yuca.

**Contract Awarded**

**SCHOOL ADDN.** Cont. Pr., \$42,929  
**COSTA COSTA** Co., Calif. Ambrose School District, near Pittsburg.  
 Three additional classrooms and an auditorium for Ambrose School.

Owner—Ambrose School District.  
 Architect—H. Weeks, 593 Market St., San Francisco.  
 Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.  
 Complete bids published Sept. 7.

**Preliminary Studies Approved**

**HIGH SCHOOL** Cost, \$ .....  
**BERKELEY**, Alameda County, Calif. Grove and Kittredge Streets.  
 Exterior changes of the high school plant.  
 Owner—Berkeley Unified School Dist. Architect—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Guttererson, 526 Powell St., San Francisco.

**Preliminary Studies Approved**

**SHOP BLDG.** Cost, \$150,000  
**BERKELEY**, Alameda County, Calif. Grove and Kittredge Streets.  
 New shop building at Berkeley High School (concrete, wood and steel construction).  
 Owner—Berkeley Unified School Dist. Architect—Will G. Corlett, Bank of America Bldg., Oakland, and H. H. Guttererson, 526 Powell St., San Francisco.

**Construction To Start Shortly**

**RECONSTRUCTION** Cost, \$12,000  
**BERKELEY**, Alameda County, Calif. Reconstruction of Hillside auditorium  
 Owner—Berkeley Board of Education.  
 Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Consulting Architect—E. T. Spencer, Spreckels Bldg., San Francisco.  
 Construction will be started shortly using WPA labor. The materials will be purchased by the Board of Education.

**Bids Opened**

**RE-ROOF SCHOOL** Cost, \$ .....  
**BERKELEY**, Alameda County, Calif. Claremont Ave. bet. Ashby Ave. and Webster Street.  
 Re-roof John Muir School.  
 Owner—Berkeley Unified School District (Clara F. Andrews, Secretary), 2325 Milvia Street.  
 Structural Engineer—Thos. F. Chace, Berkeley Board of Education.  
 Only bid was submitted by the Bay City Heating and Cold, Fifth Ave. and 12th St., Oakland, at \$3,795.  
 Bid held under advisement.

**Carpentry Contract Awarded**

**BOILER BLDG.** Cont. Pr., \$5,205  
**LIVINGSTON**, Merced Co., Calif. Small building to house steam boiler.  
 Owner—Livingston Grammar School District.  
 Architect—A. O. Johnson, 730 Sir Francis Drake Hotel, San Francisco.  
 Contractor—Ed. H. Wolfe, 142 South First St., Turlock.  
 Carpenter—E. J. Wirtner, Box 141, Turlock.

**BIDS WANTED**

**SACRAMENTO** CO., Calif.—Until October 1, 8 p.m., bids will be received by C. B. Wire, Clerk, Pacific School District, Sacramento County, for an addition to the Pacific School. Plans and specifications may be obtained from the above office.

**Contract Awarded**

**SCHOOL** Contract Pr., \$9,850  
**UPPER LAKE**, Lake Co., Calif. One - story frame grammar school building (2 classrooms, library).  
 Owner—Upper Lake School District. Architect—William Herbert, Rosenberg Bldg., Santa Rosa.  
 Contractor—W. F. Dreyer, Atlas Way, Napa.  
 Complete bids follow:  
 W. F. Dreyer, Napa ..... \$ 9,850  
 A. F. Smith, Santa Rosa ..... 9,956  
 D. Downey, Sebastopol ..... 10,853

J. Schneider, Oakland..... 11,111  
 Ralph Sharp, Williams..... 12,800  
 R. F. Knight, Santa Rosa..... 13,022

**CONTRACT AWARDED**

**EAGLE ROCK, Los Angeles Co.**  
**EAGLE**—Robt. E. Millapp, 437 S. Hill St., Los Angeles, at \$15,900, submitted low general contract bid to Occidental College, for construction of Belle Wilber Thorne Hall at the College in Eagle Rock. The general contract does not include the mechanical work, floor covering, seating, light fixtures, curtains or landscape work. The building will be a 1-story and part basement structure, containing an assembly hall to seat 950 persons, entrance foyer, projection room, convenience rooms and practice rooms; reinforced concrete walls, steel roof trusses, tile and composition roof, wood sash, stucco exterior, fire doors, tile floors, ventilating system, steam heat from central plant, membrane waterproofing, structural steel, ornamental iron, metal furning and studs. Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, architects; E. L. Ellingwood, mechanical engineer. The bids were held under advisement.

**Plans Approved**

**SCHOOL**..... Cost, \$25,000  
**STOCKTON, San Joaquin Co., Calif.**  
 Sutter and Fourth Streets.

One - story frame and brick veneer school building (five classrooms, recreation room, principal's office, lavatories, etc.) wood sash, composition roof, linoleum halls, Oregon pine classroom floors, insulated roof, etc.  
 Owner—Grant Grammar School District.

Architect—Joseph Losekann, 1023 N. Madison St., and J. N. Cloudsley, Exchange Bldg., Stockton.

**Structural Engineer—**Francis Cronan Bldg., Sacramento.

Plans have been approved by the State Division of Architecture, Sacramento, and bids will be asked as soon as the site is cleared by the WPA.

**Plans Approved**

**SCHOOL**..... Est. Cost, \$181,800  
**FORT BRAGG, Mendocino Co., Calif.**  
 One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) steel trusses.

Owner—Fort Bragg Union High School District.

Architect—W. E. Coffman, Forum Bldg., Sacramento.

**Structural Engineer—**F. W. Kellberg, 320 Market St., San Francisco.

PWA allotted grant in the amount of \$7,510 to assist in financing.

Plans have been approved by the State Division of Architecture, Sacramento, and upon approval of the PWA, bids will be asked.

**BOND ELECTION**

**TRACY, San Joaquin Co., Calif.**—Tracy Elementary School Dist. will vote October 11 on a proposal to issue bonds in the amount of \$50,000, proceeds to finance construction of a new school on Eaton Ave. between Parker and Holly Drive, Tracy. An architect will be selected when the bonds are voted.

**Plans Being Prepared**

**SCHOOL**..... Cost, \$40,000  
**TERRA BELLA, Tulare Co., Calif.**  
 One - story frame and stucco school building (3 classrooms, assembly hall), tile roof.

Owner—Terra Bella School District.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

An election will be called shortly

on a proposal to issue bonds to finance construction.

**Plans Being Completed**  
**SCHOOL ADDITIONS**..... Cost, \$40,000  
**MADERA Co., Calif.**

Three classrooms and auditorium (seating capacity of 400), of frame and stucco construction; tile roof, new toilet facilities.

Owner — Ripperdan School District, Madera Co.

Architect—Fred L. Swartz, Brix Bldg., Fresno.

Bids will be asked about October 15th.

**Bids Wanted — To Close October 18, 7:30 P. M.**

**SCHOOL ADDITION**..... Cost, \$30,000  
**SALINAS, Monterey Co., Calif.**

One - story frame and stucco addition to the Sherwood School (six classrooms).

Owner—Salinas City School District. Architect—Charles E. Butner, 7 Winham St.

**Structural Engineer—**F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from R. D. Case, Secretary, Board of Education, 102 Salinas National Bank Bldg., Salinas.

**PROJECTS APPROVED**

**WASHINGTON**—Following are additional projects approved by the PWA in the State of Washington:

**Chewelah:** School, estimated cost, \$63,500; Architect, Geo. M. Rasque, Washington Trust Bldg., Spokane.

**Rosburg:** School; estimated cost, \$52,181; Architect, C. N. Freeman, Concord Bldg., Portland.

**Beaverton:** School; estimated cost, \$70,000; Architect, C. N. Freeman, Concord Bldg., Portland.

**To Ask Bids in Two Weeks**

**SCHOOL BLDG.**..... Est. Cost, \$144,000  
**ALAMEDA, Alameda Co., Calif.** Bay and Santa Clara Ave. (Mastick School).

One-story modernistic U-shaped elementary school bldg. (12 classrooms, gymnasium, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire resistant roof of the composition type; to be built on the unit plan around a central courtyard.

Owner—Alameda Board of Education (Wm. G. Paden, Supt.).

Architect—Kent & Haas, Underwood Bldg., San Francisco.

Cost of first unit is estimated at \$80,000 and will be financed by the 1937-38 School District tax; the second unit, consisting of gymnasium, auditorium and administration buildings, will be constructed next year and financed likewise by the 1938-39 School Tax.

**Plans Being Prepared**

**GYMNASIUM, ETC.**..... Cost, \$.....  
**SHANDON, San Luis Obispo Co., Cal.** Gymnasium, auditorium and farm mechanics shop building.

Owner—Shandon Union High School District.

Architect—Frank Wynkoop, 1919 Orange St., Bakersfield.

**BIDS WANTED**

**PULLOCH, Stanislaus Co., Calif.**—Until Oct. 4, 8 p.m., bids will be received by W. W. Ferguson, President, Turlock High School, for stuccoing the gymnasium at the Turlock High School.

Specifications prepared by Architects Miller & Warncke, Financial Center Bldg., Oakland.

**Plans Being Prepared**

**SCHOOL**..... Cost, \$.....  
**FILLMORE, Ventura Co., Calif.**—Until Oct. 4, 7:30 P. M., bids will be received by the Fillmore Union High

School District for heating and cooling of a science building and a junior college building to be built in Fillmore. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles, architects.

**BIDS WANTED**

**ADO, Ariz.**—Until Oct. 15, bids will be received by the Ajo Public School District for new buildings to be built at the Ajo school. Improvements will include four 3-rm. elementary school buildings of frame and stucco construction, to cost \$50,000; a new central gas-equipped heating plant, to cost \$20,000; a gym to cost \$15,000, and extension of playgrounds. The district recently voted bonds in the sum of \$108,000 for the work. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix.

**1C—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**ALTERATIONS**..... Cost, \$4,000  
**SAN FRANCISCO, Calif.** 32-34 Mason St.

Alterations to restaurant.

Owner—John Keeling, 40 Post St. Architect—Not Given.

Contractor — Manrum, Holbrook & Elkus, 301 Golden Gate Ave. \*16

**BIDS WANTED**

**OAKLAND, Calif.**—Until Sept. 28, 1:00 p.m., bids will be received by the Oakland City Council, City Hall, for furnishing material and equipment for the construction of the foundation, Municipal Exposition Building, Annex 2.

Plans and specifications may be obtained from the above office.

**Plans Being Figured—Bids Close**  
 September 27, 5 P. M.

**STORE**..... Cost, \$.....  
**SAN FRANCISCO, Calif.** W. Portal Avenue.

One-story frame and stucco store building (composition roofing, vitrolite steel sash, etc.).

Owner—J. H. Bernheim.

Architect—Masten, Hurd & Roeth, 233 Post St.

**Construction To Start Shortly**  
**ALTERATIONS & ADDITIONS**

**SAN LUIS OBISPO, Calif.** Monterey and Morro Streets.

Alterations and additions to the Call Building.

Owner—Rodney V. Johnson.

Architect—Not Given.

Contractor—Theodore M. Malno, 1424 Mill St., San Luis Obispo.

**Contract Awarded**  
**STORE BLDG.**..... Cost, \$12,000  
**OAKLAND, Alameda Co., Calif.** 3126-32 Seminary Ave.

One-story store building.

Owner—J. and W. Sturtevant, 3110 Seminary Ave.

Architect—Not Given.

Contractor—Hudson & Sons, 5977 Marjette Ave.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Escherich Bros., 251 W. 27th Pl., awarded general contract for construction of a mesh of office building at 2816 Gleno-

be Bl. for Dr. Floyd J. Treney.

R. R. Jones, Elber Co., 124 S. Fair Oaks Ave., South Pasadena, has the contract for the electric wiring. The building will contain 1600 sq. ft. of floor space, wood frame and stucco construction, composition roof, wood

and wood floors, electric heat, concrete and brick work, interior tile.

Albert M. Martin, 233 Higgins Bldg., Architect.

### PREPARING PRELIMINARY PLANS

**LOS ANGELES, Calif.**—Architects Plummer, Wurdeman & Becket, 1400 Pacific Finance Bldg., are preparing preliminary plans for a three-story night club to be built on the southwest corner of Sunset Blvd. and Co. Ave. for Jack and Charles, Inc.; 60 x 120 ft. in area, probably fireproof construction, landscaping, parking area; cost, \$250,000.

### BIDS WANTED

**SAN FRANCISCO.**—Until Oct. 6th, 2.30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for alterations to Traffic Bureau, Room 164, City Hall. Estimated cost, \$1,850.

Plans and specifications may be obtained from C. H. Sawyer, City Architect, Room 265, City Hall, upon deposit of \$5.00.

### Plans Being Completed

**ALTERATIONS** Est. Cost, \$30,000  
**SAN FRANCISCO.** 838 Market Street Alterations to store entrance and store.

Owner—Sommer & Kaufmann, Inc. Architect—A. R. Williams, 251 Post.

Bids will be asked in about two weeks from a selected list of contractors.

### CONTRACT AWARDED

**LAGUNA BEACH, Orange Co., Cal.** May & Grimwood, 520 E 8th St., Los Angeles, awarded contract for erection of a new bank building at the corner of Coast Blvd. and Forest Ave., Laguna Beach, for the Bank of America. It will be a one-story and part two-story structure, 32 x 90 ft. in area, with reinforced concrete walls, steel and wood roof construction, composition roofing, quarry tile floors, individual gas heaters, steel and wood sash, exposed concrete exterior, tile bulkheads, tiled toilet rooms, vaults. Fixtures will be installed by the Capital Co., 643 South Olive St., Los Angeles.

To Ask Bids September 20—To Close September 27

**ALTERATIONS** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif.** Santa Clara Ave.

Alterations to store front.  
Owner—Name Withheld.  
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

### Low Bidder

**STORE** Cost, \$16,995  
**BURLINGAME, San Mateo Co., Cal.** Howard Ave. and Primrose St.  
One-story frame and stucco store building.

Owner—Safeway Stores.  
Architect—Lazer Nusbaum, 3138 Divisadero St., San Francisco.  
Bidder—G. W. Williams Co., 315 Primrose Road, Burlingame, \$16,995.

### CONTRACT AWARDED

**SAN FRANCISCO.**—A. Ramazzotti 1473 Vallejo St., awarded contract by Bank of America for furnishing and installing heating system for bank building located on the southwest corner of Living St. and 8 Ave.

### Contract Awarded

**STORE** Cost, \$16,995  
**BURLINGAME, San Mateo Co., Cal.** Howard Ave. and Primrose St.  
One-story frame and stucco store building (60 x 100 ft.).

Owner—Safeway Stores.  
Architect—Lazer Nusbaum, 3138 Divisadero St., San Francisco.  
Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.

### Contract Awarded

**ALTERATIONS** Cost, \$2500  
**SAN FRANCISCO.** 3274 Sacramento. Alterations to market.  
Owner—May Armitage, 251 Post St. Architect—A. R. Williams, 251 Pine. Contractor—W. C. Tait, 883 Market.

### Contract Awarded

**ADDITION** Cost, \$2,560  
**STOCKTON, San Joaquin Co., Calif.** 348 E. Charter Way.

Addition to store building.  
Owner—Sheldon & L. Davis, Prem. Architect—Not Given.  
Contractor—O. Chain, 41 S. Sutter St., Stockton.

### Sub Contracts Awarded

**TAVERN** Cost, \$7,000  
**EAST PALO ALTO, Santa Clara Co., Calif.** Bayshore Blvd.

One-story frame tavern.  
Owner—S. Kertz, 1902 Donohvet St., East Palo Alto.  
Architect—Not Given.  
Contractor—C. Damant, 137 Donohoe St., Palo Alto.

**Roofing**—R. L. Reeves, Palo Alto.  
**Plumbing and Heating**—Sadler Supply Co., Redwood City.

**Electric**—Midgley Roland, Menlo Pk.  
**Tile Work**—Palo Alto Tile Co., Palo Alto.

**Brick & Stone Work**—Leon Lobaza, San Jose.

**Grading**—E. S. Strain, Palo Alto.  
**Lumber**—McElroy-Cheim Lumber Co., Palo Alto.

**Painting**—Harry Kull.  
**Lathing & Plastering**—James Jensen, Cupertino.

## 17— THEATRES

### Plans Being Revised

**THEATRE** Cost, \$40,000  
**TULARE, Tulare Co., Calif.**  
Theatre to seat 700 (reinforced concrete and frame construction).  
Owner—T. & D. Enterprises, 25 Taylor St., San Francisco.  
Architect—Not Given.  
Engineer—L. H. Nishikian, 525 Market St., San Francisco.

### Contract Awarded

**THEATRE** Cost, \$.....  
**EL CERRITO, Contra Costa Co., Cal.** San Pablo Avenue.

One-story reinforced concrete theatre to seat 750; 3 stores, composition roofing, archrib trusses, tile toilets, acoustical treated walls, etc.

Owner—El Cerrito Theatre Company.  
Architect—N. R. Coulter, 46 Kearny St., San Francisco.  
Contractor—Moore and Roberts, 693 Mission St., San Francisco.

### TO ASK BIDS

**RIVERSIDE, Calif.**—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing revised plans and will take new bids next week for a motion picture theater, store and office building to be built on the southwest corner of Market and 12th Sts., Riverside, for Hunt Theaters, Inc., and the Fox West Coast Theatre Corp. It will be a 2-story class A structure.

## 18— WHARVES & DOCKS

### CONTRACT AWARDED

**YERBA BUENA SHOALS, Calif.**—Ben C. Gerwick, Inc., 112 Market St., at \$7,338 awarded contract by San Francisco Bay Exposition Inc. (Leland W. Cutler, President) for constructing a fireboat wharf on Yerba Buena Shoals, site of the 1939 World's Fair. Contract awarded on basis of used second-hand creosoted piling.

### BIDS WANTED

**OAKLAND, Calif.**—Until Sept. 28, 1:00 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, for placing 72 creosoted piles on property line adjacent to south wall of the Municipal Exposition Building, Fallon near Ninth St. Plans and specifications may be obtained from the above office.

## 19—MISC. CONSTRUCTION

### CONTRACT AWARDED

**SACRAMENTO, Cal.**—Basalt Rock Co., Inc., 900 Eighth St., Napa, at (1) \$42,970; and (2A) \$32,542 awarded contract by L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-38-38, for furnishing 37,400 tons of riprap stone at various points along Sacramento River, Steamboat Slough and Three-Mile Slough.

(1) 22,100 tons riprap stone delivered for contractor's barge, or by truck, at site of bank protection work in the Sacramento River, Steamboat Slough, and Three-Mile Slough, at or between the following points:

- 8,000 tons, Steamboat Slough at Mile 15.0;
- 2,200 tons, Three-Mile Slough, east of highway bridge;
- 500 tons, Sacramento River, between Mile 15.0 and Miles 30.0;
- 8,500 tons, Sacramento River, between Mile 30.0 and Mile 50.0;
- 2,600 tons, Sacramento River, bet. Mile 50.0 and Mile 59.0 (M. St. bridge, Sacramento);

(2-A) 15,300 tons riprap stone delivered for government trucks at the following points:

- 800 tons Meridian;
- 1,000 tons Grimes;
- 4,000 tons Shire;
- 1,600 tons Robbins;
- 6,300 tons Knights Landing;
- 700 tons Stegeman;

(2-B) 15,300 tons riprap stone delivered for contractor's barge of trucks at site of bank protection work in the Sacramento River, between the following points:

- On westerly side of river:
  - 500 tons bet. Mile 81.0 and Mile 95.0;
  - 1,200 tons bet. Mile 85.0 and Mile 115.0;
  - 3,400 tons bet. Mile 115.0 and Mile 136.0;
  - 1,000 tons bet. Mile 136.0 and Mile 148.0;
  - 800 tons bet. Mile 148.0 and Mile 154.5;
- On easterly side of river:
  - 600 tons bet. Mile 85.0 and Mile 95.0;
  - 1,100 tons bet. Mile 95.0 and Mile 95.0;
  - 1,100 tons bet. Mile 95.0 and Mile 105.0;
  - 800 tons bet. Mile 125.0 and Mile 138.0.

### BIDS REJECTED

**LINN COUNTY, Ore.**—The U. S. Engineer Office, 306 Customhouse, Portland, rejected bids under Bid No. 698-38-62, for constructing experimental sections of asphalt-bound river bank revetment and repairing the existing revetment in the Willamette River, 1 1/2 miles above Harrisburg, Oregon. Est. cost, \$5,546.  
Harold Blake, Portland, at \$10,450 submitted the only bid.

### BIDS REJECTED

**INDEPENDENCE, Polk Co., Ore.**—The U. S. Engineer Office, 306 Customhouse, Portland, rejected all bids under Bid No. 698-38-56, for the construction of experimental sections of asphalt-bound river bank revetment with riprap toe in Willamette River,



1 1/2 miles below Independence, Ore. Estimated cost, \$12,967.  
Harold Blake, Portland, at \$28,310 submitted the low bid.

**CONTRACT AWARDED**

**CULVER CITY, Los Angeles Co., Cal.**—Myers Bros., 3407 San Fernando Road, Los Angeles, awarded contract for adding to a film laboratory building in Culver City for Metro-Goldwyn-Mayer Studios. It will be a two-story and part mezzanine, reinforced concrete structure, and is designed to carry a future third story. It will be air conditioned but this part of the work has not yet been let. Cost \$125,000. Work will be done under the supervision of Wm. Koenig, studio manager; John Tobin, plant superintendent; C. P. Hubert, structural engineer, and Arthur McArthur, architect.

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Bethlehem Shipbuilding Corp., Ltd., 20th and Illinois Sts., San Francisco, at \$13,762.50, awarded contract by U. S. Engineer's Office, District Engineer, Room 208, City Hall Bldg., Sacramento, for drydocking, painting and repairing the U. S. Engineer Department 20-in. pipeline dredge, "Sacramento."

**BIDS OPENED**

**RIVERTON, Wyo.**—M. J. Gilpatrick, Riverton, at \$11,830, submitted low bid to the U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Riverton, Wyoming, under Spec. No. 967-D, for the preparation and stockpiling of concrete aggregates, Riverton Project.

Total bids follow:

M. J. Gilpatrick, Riverton, Wyo.	\$11,830.00
Northern Engineering Co., Rapid City, S. D.	14,825.00
Henry Shore, Grand Junction, Colo.	15,200.00
J. B. Bertrand, Denver, Colo.	19,075.00

**TO ASK BIDS SHORTLY**

**GAHU, T. H.**—The Navy Department, Bureau of Yards & Docks, Washington, D. C., will ask for bids shortly, under Spec. 8531, for the construction of a generating plant for the Area Naval Reservation, Oahu, T. H. Estimated cost, \$60,000.

**BUILDINGS FOR SALE**

**NEAR ANDIO, Riverside Co., Calif.**—Until Oct. 5, 10 a. m., bids will be received by Metropolitan Water District, 306 W. 3rd St., Los Angeles, Room 504, for the sale of Berdoo Camp buildings and appurtenances, located ten miles north of Indio. There are 33 buildings on the site.

**Contract Awarded**  
**ADDITION** Cost, \$.....  
**SHELL POINT, Contra Costa Co., Calif.** Five miles from Pittsburg. Alterations and additions to laboratory and office building.  
Owner—Shell Chemical Co.  
Plans by Eng. Dept. of Owner, Shell Bldg., San Francisco.  
Contractor—Louis C. Dunn, Monadnock Bldg., San Francisco.

**Contract Awarded**  
**AUTO COURT** Cost, \$7,500  
**FRESNO, Calif.** 2720 Florence St. Auto Court.  
Owner—Mack Blend.  
Architect—Not Given.  
Contractor—R. G. Leach, Rt. 1, Box 376, Fresno.

**CONTRACTS AWARDED**  
**SACRAMENTO, Calif.**—Continental Drilling Co., 924 E. Pico St., Los An-

geles, at (A) \$2500; (B) \$2537; and R. S. McClintock, Spokane, at \$3407, were awarded contracts by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Proposal No. 1105-38-64, for the lease of equipment for drilling exploratory test holes at sites of proposed debris dam, as follows:

- (A) North Fork damsite on the North Fork of the American River about 10 miles by road northeasterly of Auburn, Calif;
- (B) Ruck-a-Chucky damsite on the Middle Fork of the American River about 21 miles by road northeasterly of Auburn, Calif;
- (C) Narrows damsite on the Yuba River about three miles by road northeasterly of Smart'sville, Calif.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—The following submitted bids to T. A. Brooks Purchaser of Supplies, Room 270, City Hall, under Bid No. 1897, for furnishing (1) 11,000 ft 1 1/2-in. and (2) 20,000 ft 2 1/2-in. cotton rubber-lined fire hose.

- Hercules Equipment & Rubber Co.—(1) \$0.57, (2) \$0.84.
- American Rubber Mfg. Co.—(1) \$0.55, (2) \$1.03.
- Degen Belting Co.—(1) \$0.5985, (2) \$0.65.
- Quaker City Rubber Co.—(1) \$0.54, (2) \$1.07.
- Pioneer Rubber Mills—(1) \$0.53 1/2, (2) \$1.06.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Richmond Tile Co., 3421 Geary Blvd., San Francisco, at \$16,245, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for tile work in the Stockton Street tunnel, Stockton St., between Bush and Sacramento Streets.

- Total bids follow:
- |                                            |          |
|--------------------------------------------|----------|
| Richmond Tile Co., 3421 Geary Blvd., S. F. | \$16,245 |
| Scott Co.                                  | 16,638   |
| Thos. J. Lamey & Sons Tile Co.             | 16,759   |
| Boyer & Fertessa                           | 16,900   |
| Mallott & Peterson                         | 17,271   |
| Sunset Tile Co.                            | 17,560   |
| American Art Tile Co.                      | 17,899   |
| Mangrum-Holbrook & Elkus                   | 18,953   |

**20— MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—General Cable Corp., at \$7,834, has been awarded the contract by the Los Angeles Water & Power Commission, for furnishing bare copper wire, Spec. 2297, involving 34,000 lbs. No. 1/0 and 6,000 lbs. 3/0.

**CONTRACT AWARDED**  
**LOS ANGELES, Calif.**—Anaconda Wire & Cable Co., at \$38,770.50, was awarded the contract by the Los Angeles Water & Power Commission, for insulating braided weatherproof insulated copper wire, Spec. 2401, involving 16,000 lbs. No. 8, 15,000 lbs. No. 2, 21,000 lbs. No. 10, 65,000 lbs. No. 6 80,000 lbs. No. 4.

**CONTRACT AWARDED**  
**LONG BEACH, Los Angeles Co., Calif.**—Long Pine Lumber Co. has been awarded a contract for furnishing untreated piles and Browning Lumber Co. has the contract for treated piles to be used in the construction of additions at 1601 West 7th St., Long Beach, for the Drayton & Gamble Mfg. Co. J. H. Davies,

Structural Engineer, Ocean Center Bldg., Long Beach.

**BIDS OPENED**

**COLORADO RIVER, Texas.**—Lone Star Cement Corp., Republic Portland Cement Co., Universal Atlas Cement Co., and Trinity Portland Cement Co., at \$23.36 per bbl, f.o.b. Rutledge, Texas, submitted identical bids to A. M. D. Brooks, Purchasing Agt., Bureau of Reclamation, Denver, for furnishing 15,000 bbls. of portland cement for shipping point and/or Rutledge, Texas; Inv. No. 46,988-B. Barnes Lumber Co. bid \$2.49 per bbl. delivered.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—General Welding Co., 921 Folsom St., San Francisco, at \$2015, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 19th Street, Oakland, under Proposal 128-205, for 1500 ft. of 36-inch diameter electric welding pipe.

**BIDS WANTED**

**OAKLAND, Calif.**—Until October 6, 5:30 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 19th St., Oakland, under Spec. No. L28-206, for furnishing 16,000 tons of crushed rock sand and gravel.  
Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Cascade Cargo Sales Co., Seattle, at \$810.78 awarded contract by the U. S. Engineer Office, Lieut.-Col. J. A. Dost, District Engineer, 401 Custom House, San Francisco, under Bid No. 895-38-25, for furnishing Douglas fir lumber; fob shipping point.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Consumers Brick & Cement Co., 575 Berry Street, San Francisco, at \$74,650, awarded contract by U. S. Engineer Office, Lieut. Col. J. A. Dost, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-22, for furnishing 41,850 cu. yd. of Class A reinforced concrete and 1500 cu. yd. of Class B ready-mixed concrete.

September 17, 1937

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Pacific Portland Cement Co., 111 Sutter St., San Francisco, at \$21 per barrel, awarded contract by the Harbortown Supply Officer, Frank H. Moore, Government Island, under B.P.C. 2156, for furnishing 1000 barrels of 90 lb. cement.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Oakland Lumber Co., 6901 E. 14th St., O. Bldg. Bldg., at \$75,065, fob Tillamook, Ore., awarded contract by the Harbortown Supply Depot, Frank H. Moore, Supply Officer, Government Island, under Bid No. 3255, for furnishing 4000 bbls. including 1000 bbls. of 90 lb. pipe.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—J. F. Sharp Lumber Co., 1115 1st St., at \$6563.00, awarded contract by the Harbortown Supply Depot, Frank H. Moore, Supply Officer, Government Island, under Bid No. 3255, for furnishing 4000 bbls. including 1000 bbls. of 90 lb. pipe, and or delivered to the Harbortown Supply Depot, Government Island, at \$13,590.00, including 1000 bbls. of 36-inch diameter electric welding pipe, and 431,825 ft. of 1/2-inch Galvalume.

**CONTRACT AWARDED**

SAN FRANCISCO.—A. Leschen & Son Rope Co., 520 4th St., at \$1.83 per foot, awarded contract by U. S. Engineer Office, 401 Customhouse, San Francisco, under Bid No. 868-38-24, for furnishing 450 ft. of wire rope.

**CONTRACT AWARDED**

SAN FRANCISCO.—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco, at \$3,225, were awarded contract by the U. S. Engineer's Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-28, for furnishing 57,000 lbs. structural steel, painted, and 450 lbs. structural steel, galvanized, f.o.b. Yerba Buena Island.

**CONTRACTS AWARDED**

SAN FRANCISCO.—Forsyth Hardwood Co., 355 Bayshore Blvd., at (1) \$1,310.80 and the U. S. Plywood Co., Inc., 119 Kansas Street, at \$249.92 (2), were awarded contracts by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-26, for (1) plywood; (2) wall-board; job Fort Funston.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Yosemite Portland Cement Co., 564 Market St., San Francisco, at \$994.88 awarded contract by U. S. Indian Irrigation Service, Los Angeles, for 320 bbls. of Portland cement in paper sacks for cars Elko, Nev., for Wild Horse Dam, Shoshone Reservation, under Inv. 0443.

**BIDS WANTED**

MODESTO, Stanislaus Co., Calif.—Until Oct. 13, 7:30 p.m., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, 717 10th St., for furnishing materials, as follows:

- (1) Two 36-in., 150 lbs. per ft., wide flange steel beams, each 40 ft. 6 in. long;
- (2) Three 21-in., 132 lbs. per ft., wide flange steel beams, each 28 ft. 7½ in. long;
- (3) Twelve 4-in. by 3½-in. by ¾-in., steel angles, each 18 in. long, connected to the 21-in. beams with rivets.

Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

GOVERNMENT ISLAND, Calif.—Dallman Supply Co., 6th and Q Sts., Sacramento, at \$179.05 was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5161, for furnishing heating system; job Alturas.

**BIDS OPENED**

LOS ANGELES, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, under Circular Prop. 45, for (1) \$3360 ft. 30-ft. and (2) 6200 ft. 25-ft treated round wood piling:

American Lumber & Treating Co., (1) and (2) \$73 ft.; total \$6978.80.

James L. Hall, San Francisco, job The Dalles, Ore., (1) and (2) \$66 ft., total, \$6309.60; disc. 2% 20 days; delivery 9 weeks.

Texas Croosoting Co., (1) \$82; (2) \$84; total, \$7963.20; net.

H. A. Browning Lumber Co., (1) \$68; (2) \$69. total, \$6562.80; disc. 1%, 10 days; start delivery 1 week, complete in less than 50 days.

J. H. Baxter & Co., (1) and (2) \$6475 ft.; total, \$6190.10; net.

Southern Calif. Roads Co., (1) and (2) \$6875 ft., total, \$6572.50; alt. bid if shipped on govt. bill of lading from Oregon, (1) and (2) \$5575 ft., total, \$5329.70; net.

# HOBSON'S CHOICE

There is no alternative, buildings MUST be artificially lighted.

Somebody is going to light the buildings you design, and that lighting can be friend or foe to the effect you wish to produce.

Lighting left to others or added as an afterthought may ruin the most perfect architectural effect, while lighting planned as an integral part of the structure will bring out lines and textures, tones and colors.

Lighting CAN be practical as well as aesthetically effective, but the combination doesn't just happen — it requires careful planning.

In planning, you have many things to consider. We are concerned only with the electrical service of which lighting is a part. We will be glad to check or help plan the details to assure the effect you want.

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**Pacific Gas and Electric Company**

*Owned - Operated - Managed by Californians*

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                        |                               |
|----------------------------------------|-------------------------------|
| 21.—Bridges                            | 30.—Reservoirs and Dams       |
| 22.—Dredging, Harbor Works, Excavation | 31.—Pipe Lines and Wells      |
| 23.—Irrigation Proj.                   | 32.—Sewers & Sewage Equipment |
| 24.—St. Light Systems                  | 33.—Water Works               |
| 25.—Machinery and Equipment            | 34.—Parks & Play grounds      |
| 26.—Fire Alarm Sys.                    | 35.—Tunnels                   |
| 27.—Railroads                          |                               |
| 28.—Fire Equipment                     |                               |
| 29.—Streets & Highways                 |                               |

## 21— BRIDGES

### BID CALL CANCELLED

LOS ANGELES, Cal.—The Los Angeles County Supervisors, 501 Hall of Records, Los Angeles, has cancelled the call for bids for the construction of a steel, concrete and timber bridge on Mulberry Road over La Mirada Slough, until the new wage scale has been adopted. Bids were called for October 5.

### BIDS WANTED

SAN MATEO CO., Calif.—As previously reported, until Oct. 6, 1 p.m., bids will be received by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Court House, Redwood City, for the construction of a reinforced concrete bridge across Pescadero Creek, one mile west of the Anderson bridge.

Plans and specifications may be obtained from the above office.

### BIDS WANTED

SACRAMENTO CO., Calif.—Until October 4, 10 a.m., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Building, Sacramento, for the lengthening of the timber and concrete bridge over Linda Creek on Indiana Avenue.

Plans and specifications may be obtained at the office of the County Engineer, upon deposit of \$10.

### BIDS WANTED

PENDELTON, Umatilla Co., Ore.—Until October 15, 3 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-28-108, for raising the Main Street bridge across the Umatilla River, and raising and strengthening the existing levee at Pendleton, Ore.

Work involves:

- (1) 6,640 c.y. excav. for rock toe;
- (2) 2,930 c.y. impervious fill;
- (3) 30,000 tons rock toe protection;
- (4) 16,300 tons riprap;
- (5) 1,560 tons furn. stone for revetment;
- (6) 2,400 c.y. excav. for levee top wall;
- (7) 1,200 c.y. concrete for levee top wall;
- (8) 14,000 c.y. borrow excav.;
- (9) 1 job raising Main Street bridge;
- (10) 1 job special concrete work at church;
- (11) 10 c.y. concrete for toe wall repairs;
- (12) 80 c.y. concrete for wing wall repairs.

Plans and specifications may be obtained from the above office.

### BIDS OPENED

SACRAMENTO, Calif.—P. F. Bender, 1012 Del Paso Blvd., North Sacramento, at \$8,996, submitted low bid to the Sacramento County Board of Supervisors, Court House, Sacramento, for the construction of a concrete bridge east of Rio Linda, known as Curved Bridge, east of Rio Linda.

Work involves:

- (1) 2,900 c.y. Class A, 6-sack concrete;
- (2) 5.9 c.y. Class E, 9-sack concrete;
- (3) 29,500 lbs. reinforcing steel;
- (4) 950 c.y. excav. and backfill;
- (5) Lump sum for removal of the old structure.

Total bids follow:

(A) P. F. Bender, 1012 Del Paso Blvd., North Sacramento	\$8,996.00
(B) H. W. Robertson, Sacramento	9,578.50
(C) M. J. E. Constr. Co., Stockton	11,776.00

Unit prices follow:

	(A)	(B)	(C)
(1)	\$21.50	\$21.80	\$24.00
(2)	40.00	35.00	65.00
(3)	.06	.05	.06
(4)	1.60	1.50	1.75
(5)	100.00	150.00	1000.00

### CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, at \$2,150 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete culvert in Ross Road over Matadero Creek, Santa Clara County.

Total bids follow:

Carl N. Swenson Co., 355 Stockton Ave., San Jose	\$2,150
Tulloch and Martin	2,189
Lewis & Clark, Piedmont	2,339
A J Ralsch Co., San Jose	2,433
Bert P. Ward & Son	2,699

### FUND ALLOTTED

WAHKKIAKUM CO., Wash.—The PWA has allotted \$225,000 to Wahkiakum County, Washington, for the construction of a bridge across Columbia Slough from Puget Island in the Columbia River to Cathlamet in Wahkiakum County, Wash. Estimated cost, \$500,000. The bridge will have a total length of 2,460 feet. The main structure will consist of steel cantilever spans at 300 ft., 400 ft. and 264 ft., and a deck span at 136 feet. There will be 564 ft. of treated timber spans and 380 feet of treated timber approach trestles. The present facilities are inadequate.

### BIDS WANTED

SANTA CLARA CO., Calif.—Until October 4, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the construction of a reinforced concrete bridge on the Willow Springs Road, over the Liagas Creek, Supervisor's District No. 1, Santa Clara County.

Plans and specifications may be obtained from the above office upon deposit of \$100.

### BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until October 4, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for repairing a bridge by removing existing deck and replacing pre-cast lightweight concrete slabs and Class A Portland cement concrete, across the Sacramento River at Paintersville.

Work involves:

- (1) 1 lot existing bridge decking to be removed;
- (2) 40,000 lbs. reinforcing steel;
- (3) 133 c.y. Class A Portland cement concrete;
- (4) 52 c.y. lightweight concrete (pre-cast slabs);
- (5) 2,600 lbs. structural steel;
- (6) 1,172 l.f. timber wheel guard.

Plans and specifications may be obtained from the above office.

## 25— MACHINERY AND EQUIPMENT

### BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until September 27, 11 a.m., bids will be received by the State Division of Highways, J. W. Vickrey, District Engineer, District 1, 546 W. Wabash Ave., Eureka, for the rental of two three-yard dump trucks, not to exceed 300 hours each.

Plans and specifications may be obtained from the above office.

### BIDS OPENED

SAN JOSE, Calif.—The following submitted bids to the City Council, C. E. Goodwin, City Manager, City Hall, San Jose, for sale of the following equipment:

- (1) Truck chassis;
  - (2) Misc. equipment;
  - (3) Truck body;
  - (4) Truck chassis and body.
- Olson Motor Sales Co., Inc.—(1) \$2,112, (2) \$270.  
 Pacific Truck Service, Inc.—(1) \$3,315, (4) \$7,190.  
 Louis O. Normandin, Inc. (1) \$3,165.  
 George P. Peterson Motor Sales—(1) \$2,000, (4) \$5,290 • 25

### CONTRACT AWARDED

LOS ANGELES, Cal. Lynch Bros. Seattle, at \$7,520 were awarded contract by the U. S. Engineer, Los Angeles, for the rental of core drilling equipment, complete with all accessories and operating personnel, for drilling through overburden and rock for taking dr. samples and cores at the site of the proposed Hansen Dam in Tuljunga Wash, Los Angeles Co.; Circ. Prop. 509-35-28. The work involves two items of rental of equipment as noted above, each for approximately 800 hours, to be used consecutively.

## Capital City Title Company

•

### JAMES E. BANCROFT

Manager

•

801 J Street  
Sacramento : California

## BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to Lieut.-Col. L. B. Chambers, District Engineer, U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Proposal 1105-38-62, for furnishing miscellaneous castings, as follows:

- (1) 1 pump discharge connection;
- (2) 2 20-in. check valves;
- (3) 50 eye bolts for pipe sleeve bands;
- (4) 50 washers for pipe sleeve bands;
- (5) 12 runner shaft coupling bolts;
- (6) 1 lot cutter head bearing (upper bushing);
- (7) 1 lot cutter head bearing (lower bushing);
- (8) 1 chuck plate casting;
- (9) 1 lot bronze pin casting;
- (10) 1 lot bronze bushings.

Monarch Iron Works, San Francisco—(1) \$65; (2) \$539; (4) \$25; (6 & 7) \$91.50; (8) \$8.00.

Hawley Company, Sacramento—(3) \$80; (5) \$36.

General Engineering & Dry Dock Co., San Francisco—(1) \$95.50; (2) \$605; (3) \$161; (6 & 7) \$402; (8) \$18.

Stockton Iron Works—(1) \$74.50; (2) \$530; (6 & 7) \$91.75; (8) \$14.50.

E. C. Madigan—(9) \$33.60; (10) \$14.50.

Neptune Machine Works, S. F.—(1) \$84; (3) \$140; (4) \$32.50.

M. Greenberg's Sons Brass Foundry & Machine Works, S. F.—(9 & 10) \$52.65.

Golden Gate Miners Iron Works, San Francisco—(1) \$67.95; (2) \$580; (3) \$110; (5) \$60; (6 & 7) \$98; (8) \$12.00. (25)

## BIDS WANTED

CONCHAS DAM, N. M.—Until Oct. 4, 11 A. M., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for furnishing (Lot 1) one new centrifugal, semi-portable, high speed, 4-in. suction, 4-in. discharge, single stage, self-priming, suction lift pump, direct connected to gasoline engine power unit, delivered to Newkirk, N. M., and (Lot 1a), same, job cars contractor's plant or warehouse for shipment to Newkirk on Govt. bill of lading. Inv. No. W911-38-35.

## BIDS WANTED

SAN FRANCISCO—Until Oct. 1, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 7701, for tool sharpening for the San Francisco Water Department for the term from Nov. 1, 1937, to October 31, 1938. Specifications obtainable from the above office.

## BIDS WANTED

LOS ANGELES, Cal.—Until Sept. 28, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for disconnect switches, Spec. No. 2492. Bids will be taken on the following:

- (1) 160 400-amp. single throw, 7500-volt, front connected, disconnect switches, in accordance with item 5 of standard specifications 216-DD;

(2) 1500-amp single throw, 7500-volt, indoor do;

- (3) 15 600-amp. double throw, 34,500 volt indoor transfer selector disconnect switches in accordance with item 15 of standard spec 216-DD;

(4) 25 2-screw bus support clamps with 3/4-in. stud for round bus bars "C" dimension, 1 1/2-in. "D" dia., 1-in. iron pipe size, in accordance with item 14 of standard spec. 216-DD

- (5) 15 2-screw bus support clamps with 2-in. "D", 2 1/2 3/32-in. dia same;

(6) 20 4-bolt bus support clamps for flat bus bars, flat mounting, 3/4-in. main, 3-in. tap in accordance with item 16 of stand. spec. 216-DD;

(7) 18 3-bolt triangular bus support clamps for flat bus bars, edgewise mounting, 1/2-in. stud, 2-in. main in accordance with item 19 of standard spec. 216-DD;

(8) 30 4-bolt bus support clamps for flat bus bars, edgewise mounting, 1/2-in. stud, 3-in. main, 6-in. tap in accordance with item 21 of stand. spec. 216-DD;

(9) 90 heavy 3-bolt curved back, triangular clamps for flat bus bars for 3-in. main, 1 1/2-in. in tap in accordance with item 23 of the standard spec. 216-DD;

(10) 50 heavy insulator bases with two 3/8-in. "U" bolts for 1 1/2-in. standard iron pipe size, 1/2-inch stud in accordance with item 26 of standard spec. 216-DD.

## BIDS WANTED

ALAMEDA, Calif.—Until October 5, 5 p. m., bids will be received by the Alameda City Council, City Clerk, City Hall, for furnishing one steel body dump truck.

Plans and specifications may be obtained from the above office.

## CONTRACT AWARDED

LOS ANGELES, Cal.—Sprague and Homwood Inc., Scranton, Pa., at \$12,900 were awarded contract by U. S. Engineer, Los Angeles, for rental of core drilling equipment, complete with all accessories and operating personnel, for drilling rock and taking cores at site of proposed Hansen Dam in Tujunga Wash; Circ. Prop. 33.

## BIDS WANTED

MADERA CO., Calif.—Until October 2, 2 p. m., bids will be received by the Madera County Board of Supervisors, L. W. Cooper, County Clerk, Court House, Madera, for furnishing equipment; f.o.b. Madera, as follows:

- (1) Two 2-door sedans converted into ambulances, with built-in trunks;
- (2) One 1 1/2-ton flat rack truck, not less than 157-in. wheel base, dual wheels, 32x6 ten-ply tires, 6-inch rims, with overload springs;
- (3) One 1-ton pickup;

The following used equipment to be traded in on new equipment:

- (1) One 1934 DR Dodge 4-door sedan to be traded in on one 4-door sedan;
- (2) One 1935 Ford 4-door Touring sedan on the individual bid this equipment is to be traded in on one 2-door sedan converted into an ambulance;
- (3) One 1934 Studebaker Dictator 6, 4-door sedan on the individual bid this equipment to be traded in on one 4-door sedan.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

OAKLAND, Calif.—J. E. French Co., Ltd., 2345 Broadway Street, Oakland, at \$14,107, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 32 16th St., Oakland, under Proposal No. 910, for furnishing one motor truck chassis.

Total bids follow:  
J. E. French Co., Ltd., 2345 Broadway Street, Oakland \$411.07  
F. W. Truck & Coach Co., 1568.00  
Nelson Truck Co., 1800.00  
Howard B. Fredericks Co., 1992.13

## BIDS WANTED

BOULDER CANYON PROJECT—Until October 6, 2 p. m., bids will be

received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 974-D, for furnishing one gasoline engine generator unit for installation at the Imperial Dam and desilting works, All-American canal system, Boulder Canyon Project, Arizona-California, Nevada. Equipment will be installed by the Government, shipping point and/or Yuma, Arizona. Plans and specifications may be obtained from the above office.

## BIDS OPENED

LOS ANGELES, Cal.—Lynch Bros., Seattle, at \$7,520 submitted low bid to the U. S. Engineer, Los Angeles, respectively, for the rental of core drilling equipment, complete with all accessories and operating personnel, for drilling through overburden and rock for taking dry samples and cores at the site of the proposed Hansen Dam in Tujunga Wash, Los Angeles County, Circ. Prop. 509-38-38. The work involves two items of rental of equipment as noted above, each for approximately 500 hours, to be used consecutively.

Complete bids follow:  
Lynch Bros., (1) \$4.75; (2) \$1.65; total \$7.20.

Cannon Bros., Compton: (1) \$5; (2) \$5; total \$10.  
Concor, Inc.: (1) \$5.75; (2) \$5.45; total, \$96.00.

Diamond Drilling Contr. Co.: (1) \$7.80; (2) \$7.224; total, \$11.988.  
Pennsylvania Drilling Co., Pittsburgh, Pa.: (1) \$10; (2) \$8.50; total, \$14.40.

Continental Drilling Co.: (1) \$14.25; (2) \$13; total, \$21,500.  
E. J. Longyear, Minneapolis, Minn.: (1) \$16; (2) \$13; total, \$32,200.

M. B. McGowan, Inc., San Francisco: (1) \$15.75; (2) \$15.25; total, \$24,800.

George Paonessa; bid irregular. All bids—no discount.

## BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the Los Angeles Water & Power Purchasing Agent for (1) 75-kva 60-cycle feeder voltage regulator; (2) six 150-kva do; Spec. No. 2398:

Westinghouse Electric & Mfg. Co.: (1) \$62,526.81; (2) \$23,935.77.  
General Electric Co.: (1) \$62,704.03; (2) \$23,925.00.

## BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 4 2 P. M., bids will be received by the Metropolitan Water District, 405 W. Third St., Los Angeles, for furnishing eight slide gate assemblies complete and ready for installation and use in the valve structures of the San Gabriel Canyon Crossing and Eagle Rock Canyon Crossing of the Upper Feeder line of the Colorado River Aqueduct distribution system. Each of the slide gate assemblies includes a cast iron gate frame with anchor bolts and gate leaf guides; a cast iron steel leaf with stem box; a sectional steel stem with couplings, stem guides and anchor bolts, and a screw host with electrical controls and control equipment, together with all necessary appurtenances, Spec. No. 238. Copies of the specifications may be obtained from the engineer at Room 107, 306 W. 3rd St., Los Angeles, upon payment of \$2 per set, not returnable. Certified or cashier's check, 10%. F. E. Weymouth, general manager and chief engineer.

## BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, for rental of core drilling equipment, complete with all accessories and operating personnel, for

rilling rock and taking cores at site if proposed Hansen Dam in Tulunga Wash; Circ. Prop. 33.

Bids were received on:

- 1) 300 hrs. rental of drilling outfit as specified, for 1st 300 hours;
  - 2) 300 hrs. same, after last 300 hours of operation have been completed. Est.: 500 lf. drilling to be completed in 100 days.
- Sprague & Hemwood, Inc., Scranton, (1) \$24 per hr.; (2) \$19 per hr.; total, \$12,900.

Pennsylvania Drilling Co., Pittsburgh, Pa.: (1) \$35 per hr.; (2) \$25 per hr.; total, \$18,000.

Both bids—no discount.

#### CONTRACT AWARDED

LOS ANGELES, Cal.—Memco Eng. & Mfg. Co., Inc., at \$6,061.77 awarded contract by the Metropolitan Water District Purchasing Agent for bus fittings for transformer rack, job delivered at Earp and Rice. Bid No. 5855.

Total bids follow:

Memco Eng. & Mfg. Co., \$6,061.77; Burnly Engr. Co., Inc., \$614,577; Penn Union Elec. Corp., \$707,720; Industrial Engr. & Equip. Corp., \$7863.84; Railway & Industrial Engr. Co., \$8330.96; Pacific Elec. Mfg. Co., \$9,122.89; Delta Star Elec. Co., \$10,884.94.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Westinghouse Elec. & Mfg. Co., at \$16,871.93 awarded contract by the Metropolitan Water District Purchasing Agent for induction type relays for aqueduct pumping plants for Newark, N. J., with freight allowed to destination for delivery at Los Angeles. Bid No. 87516. General Electric Co. bid \$16,875.32.

#### CONTRACTS AWARDED

LOS ANGELES, Cal.—Byron-Jackson Co. at \$1884 awarded contract by the Metropolitan Water District Purchasing Agent, Los Angeles, for one 1000-gpm at 125-ft. head, and one 920-gpm at 300-ft. head centrifugal pumps for Los Angeles, for delivery to Eanning. Bid No. 85145.

Total bids follow:

Byron-Jackson Co., \$1884.  
Pacific Pump Works, partial bid, \$1322.25.

#### BIDS WANTED

BOULDER CANYON PROJECT.—Until October 7, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 875-D, for furnishing a relay board for installation in the 230-kv switchyard at the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. shipping point and/or Boulder City, Nevada. Apparatus will be installed by the Government.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

SAN FRANCISCO.—Until Sept. 23, 2 p.m., bids will be received by the State Department of Highways, District Engineer, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental for approximately 300 hours of one truck mounted power shovel unit, equipped with shovel dipper and clamshell, not less than 4 to cu. yd. capacity, not over two years old, for use in Santa Cruz and Santa Clara Counties.

#### BIDS OPENED

SAN FRANCISCO.—General Engineering and Dry Dock Co., 1100 Sansome St., at \$5,620.22 submitted only bid to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under

Bid No. 1896, for furnishing one traffic stripe marking machine.

#### BIDS OPENED

OWYHEE PROJECT, Oregon-Ia.—The following submitted bids to the Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Denver, under Spec. No. 968-D, for three motor-driven pumping units for installation in the Owyhee Ditch pumping plant. Apparatus will be installed by the Government.

Byron Jackson Co., Berkeley, Cal.—(1) \$30,376; (2) \$15; f.o.b. Berkeley, Calif., or Dunaway, Ore.

Morris Machine Works, Baldwinville, N. Y.—(1) \$30,990; (2) \$25; f.o.b. Baldwinville.

Victor Equipment Co., Kimball Krogh Pump Division, Los Angeles—(1) \$27,850; (2) \$15; f.o.b. Los Angeles.

United Iron Works, Oakland, Calif.—(1) \$41,000; (2) \$22; f.o.b. Oakland.

Bingham Pump Co., Inc., Portland, Oregon—(1) \$28,206; (2) \$15; f.o.b. Portland.

Worthington Pump & Machinery Corp., Harrison, N. J.—(1) \$31,750; (2) \$25; f.o.b. Harrison, Dunaway, Oregon.

Fairbanks - Morse & Co., Kansas City, Mo., submitted two bids on different weights—(1) \$44,300 and \$40,500; (2) \$20; f.o.b. Beloit, Wis.; Dunaway, Oregon.

#### BIDS WANTED

REDDING, Shasta Co., Calif.—Until September 28, 3 p.m., bids will be received by the State Division of Highways, G. E. Siebert, Superintendent of Equipment, Redding, for the sale of equipment, as follows:

CHC 3796—Truck chassis, Coleman 3½-ton, model 1931, 4-wheel drive.

CHC 3801—Truck, Mack 3½-yd. capacity, with hydraulic dump body, Model BC, dual tires in rear, 1931.

CHC 3504—Same as CHC 3801.

CHC 3506—Same as CHC 3801.

CHC 3507—Same as CHC 3801.

HC 3509—Same as CHC 3801.

CHC 3510—Same as CHC 3801.

CHC 3812—Same as CHC 3801.

CHC 4610—Truck chassis, Indiana 2-ton, Model 1933, 5A, dual tires in rear.

CHC 68—Compressor, Ingersoll-Rand portable, 210 cu. ft. capacity.

CHC 319—Drill, Gardner - Denver S-55 wet drifter, with guide shell.

CHC 329—Drill, Gardner - Denver S-55 wet drifter, with guide shell.

CHC 419—Grader, Austin Mammoth Jr. 8-inch blade, with scarifier, leaning wheels, rubber tires.

CHC 62—Scraper, Ateco Knapp 5½ yds.

CHC 533—Tractor, Caterpillar "60" gasoline, also CHC 27, Backfiller, Woodridge hydraulic, to be sold in one lot, but not mounted.

CHC 618—Tractor, Caterpillar "50" Diesel, also CHC 4, Backfiller, Massachusetts pump, to be sold in one lot, mounted.

#### BIDS WANTED

CLOVERDALE Sonoma Co., Calif.—Until Oct. 7th, bids will be received by the Board of Trustees of the Cloverdale Union High School District, Mrs. Mae Foster, Secretary, for the installation of an underground water sprinkling system on the high school grounds.

Plans and specifications may be obtained at the office of the high school principal.

#### 26—RAILROADS

##### BIDS WANTED

SAN FRANCISCO and Alameda Cos., Cal. Until Oct. 13, 2 P. M., bids will be received by the State

Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of the catenary and feeders of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:

Proposal "A"—Contract R-10—Main Bridge and San Francisco Loop

- (1) feeder cables at S. F. substation
- (2) feeder cables at Island substation and tie station;
- (3) W-4 tie station;
- (4) Island tie station, building and equipment;
- (5) E-7 tie station;
- (6) E-2 disconnecting switches, type K;

- (7) 18 do. type R;
- (8) 6,000 lf. reinf. feeder cable;
- (9) jumper cables at bridge expansion joints;

- (10) 15,000 lbs. misc. iron;
- (11) overhead construction;

Proposal B—Contract R-21C—

East Bay Yard

- (12) feeder cables at Mole station;
- (13) yard tie station;
- (14) East end tie station;
- (15) 8 disconnecting switches, type H
- (16) 6 do. type B-S P D T
- (17) connections 600-volt overhead to contact rail;

- (18) 35,000 lbs. misc. iron;
- (19) overhead construction;
- (20) power line to service building.

All work in the above items 1 to 20 inclusive will be awarded as one contract, the division into Contracts R-10 and R-21C being only for purposes of record.

Plans and specifications may be obtained from the above office upon deposit of \$50, refund of \$40.

26

September 23, 1937

#### CONTRACTS AWARDED

SAN FRANCISCO—Pacific Bridge Co., Balfour Bldg., San Francisco, at \$469,236.50 (Proposal A) and Rogers, Copeland, Cassell and Burghart, 2601 Wood St., Oakland, at \$428,363.75 (Proposal B) were awarded contracts by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, under Contract R-9 and R-21A, for track work on the main bridge, San Francisco Loop and East Bay Yard, San Francisco-Oakland Bay Bridge.

Work involves:

PROPOSAL A: Contract R-9, Main Bridge and San Francisco Loop.

PROPOSAL B: Contract R-21A, East Bay Yard

PROPOSAL C: Contract R-9 and R-21A, Main Bridge and San Francisco Loop and East Bay Yard

#### 29—STREETS AND HIGHWAYS

##### BIDS WANTED

MADERA CO., Calif.—Until Sept. 27, 10 a.m., bids will be received by the State Department of Highways, Department of Public Works, R. M. Gillet, District Engineer, corner of Church and Olive Streets, Fresno, for the construction of maintenance building and appurtenances at the Four mile Maintenance Site, about 6 mile west of Coarsegold, Madera County.

Plans and specifications may be obtained at the above office.

##### BIDS OPENED

LOS ANGELES, Calif.—B-b-k and Bruch, 421 N. Board St., at \$1953.38 submitted low bid to the Los Angeles Board of Public Works for grading, paving and constructing storm drain and other improvements in streets in the 68th St. and r w west

of Broadway Improvement District, a cash contract.

Work involves:

- (1) Storm drain complete (684 ft. 18-in. pipe 306 ft. 15-in. pipe, 255 ft. 12-in. pipe, 12 ft. 6-in. pipe, 2 EZ manholes);
- (2) 16,000 sq. ft. rock and oil roadway, 3-in. thick;
- (3) 2426 sq. ft. Class A resurface;
- (4) 173 sq. ft. Class C resurface;
- (5) 300 c. y. grading (dump sum).

Total bids follow:

Bebek & Bridch.....	\$4,665.28
Los Angeles Paving Co.....	5,030.06
Radich & Brown.....	5,168.60
John S. Mitchell.....	5,220.24
Tomei Const. Co.....	5,400.11
Edward Green.....	5,806.24
Nick Chutuk.....	5,974.40
R. A. Wattson.....	6,513.28
S. Tedesco.....	6,664.52
Caljak & Zelko.....	7,413.02
John Granich.....	8,394.04
Engineer's estimate.....	5,912.15

#### BIDS WANTED

**MARICOPA CO., Ariz.**—Until Oct. 5, 2 p. m., bids will be received by the Arizona State Highway Commission, Phoenix, Arizona, for 3.9 mi. concrete pavement widening beginning about 4 1/4 miles northwest of Six Points and extending northwesterly to the south city limits of Glendale and from the west city limits of Glendale northwesterly a distance of about 1 1/2 miles. Phoenix-Scottsdale Highway, F.A. 33, A.F.E. 8987, F.A. 48-A, A.F.E. 8983.

Work involves:

- (1) 24,800 sq. yds. grading under pavement;
- (2) 24,800 sq. yds. concrete pavement (CIP);
- (3) 465 tons plant-mix (CIP, except cementing agent);
- (4) 20 tons cutback asphalt, MC-5 (CIP in mixer);
- (5) 8 tons emulsified asphalt, Class A, for seal coat (CIP on road);
- (6) 55 tons screenings (CIP).

Plans and specifications may be obtained at the office of the Arizona Highway Department, T. S. O'Connell, State Highway Engineer, 17th Avenue and Jackson Street, Phoenix, Arizona.

#### BIDS WANTED

**LINCOLN CO., Nevada.**—Until Oct. 8, 2 p. m., bids will be received by the State of Nevada, Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 14.96 miles of the State highway from Pony Springs to a point approximately 5.4 miles north of Duteh John's, Route 7, Sections D2 and E, Lincoln County.

Work involves:

- (1) 33 acres clearing;
- (2) 276 lf. remove culvert pipe;
- (3) 22 each, remove pipe culvert headwalls;
- (4) 56,393 c. y. roadway excav.;
- (5) 3,264 c. y. drainage;
- (6) 976 c. y. borrow excav.;
- (7) 19 sta. V type ditches;
- (8) 76,074 yd. sta. overhaul (yd. sta.);
- (9) 1,866 yd. mile, overhaul (yard mile);
- (10) 1,096 c. y. structure excav.;
- (11) 1,677 c. y. backfill;
- (12) 14,96 ml. subgrade (type C);
- (13) 55,856 tons gravel surface;
- (14) 70,222 tons type 1 gravel base;
- (15) 17 m. gals. water;
- (16) 59 c. y. class A concrete;
- (17) 21 c. y. class B concrete;
- (18) 6,580 lbs. reinf. steel;
- (19) 296 lf. 15-in. CMP (dipped);
- (20) 296 lf. 15-in. CMP (dipped);
- (21) 290 lf. 24-in. CMP (dipped);
- (22) 150 lf. 30-in. CMP (dipped);
- (23) 120 lf. 36-in. CMP (dipped);
- (24) 175 lf. relay culvert pipe;
- (25) 142 each, move pipe culvert

- headwalls;
- (26) 14 each, monuments;
- (27) 26 each, move monuments;
- (28) 200 c. y. rock cleanup;
- (29) Force account, roadside cleanup.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada, and also from the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. 29

#### CONTRACTS AWARDED

**STATE OF OREGON.**—The Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, awarded the following contracts for highway and bridge construction, as follows:

**Clatsop County:** Construction of concrete bridge over South Fork Quartz Creek about 5.5 mi. east of Elsie on the Wolf Creek Highway, Federal Aid Project No. 181-E. Requires approx. 700 cu. yds. excavation; 210 cu. yds. concrete, and 31,000 lbs. metal reinforcement.

Awarded: F. C. Hember Co., Eugene, at \$8910.

**Douglas and Jackson Counties:** Diamond Lake Rock Production Project on West Diamond Lake and Crater Lake-North Secondary Highways, State Project. Furnishing of 10,300 cu. yds. crushed rock in stock piles.

Awarded: R. I. Stuart, Medford, at \$19,850.

**Grant County:** Forest Boundary-Long Creek Section of Pendleton-John Day Highway. State Project. Furnishing of 5,200 cu. yds. crushed rock in stock piles.

Awarded: Rogers Constr. Co., Dayton, Wash., at \$7,820.

**Hood River County:** Bloucher Section of Hood River Secondary Highway. Federal Aid Secondary Project No. FAS 253-B: 1.6 mi. surfacing and oiling and furnishing of 4,000 cu. yds. crushed rock in stock piles. Requires approximately 9,900 cu. yds. crushed rock; and 18,800 sq. yds. oil mat surface treatment.

Awarded: Fisher Bros., Oregon City, at \$21,881.

#### LOW BIDDER

**LINCOLN CO., Oregon.**—Mountain States Construction Co., Eugene, Oregon, at \$39,635, submitted low bid to the Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, for Surfacing and Rock Production Project on Siletz Secondary Highway. State Project: 16.7 mi. surfacing and furnishing of 5400 c. y. crushed material in stock piles. Requires approximately 5100 c. y. quarry-run rock; and 18,200 c. y. crushed rock or crushed gravel.

#### BIDS REJECTED

**WASCO CO., Oregon.**—The Oregon State Highway Commission, Public Service Bldg., Portland, Oregon, rejected all bids for The Dalles Roadside Improvement Project on the Columbia River Highway, Federal Aid Project No. 36-c, Wasco Co., Oregon.

George Schmidt, Portland, at \$9750, submitted the low bid.

#### CONTRACT AWARDED

**JACKSON, Grand and Routt Cos., Colo.**—N. H. Honnen Construction Co., Colorado Springs, at \$122,800, was awarded contract by the U. S. Bureau of Public Roads, J. A. Elliott, District Engineer, 254 Custom House, Denver, for constructing or improving Project 19-A6, B4, C1 of the Rabbit Ears Pass Forest highways route, Routt National Forest, Jackson, Routt and Grand counties, Colo.

#### CONTRACT AWARDED

**SALINAS, Monterey Co., Calif.** Granite Construction Co., Ltd., B. No. 9, Watsonville, at \$5,398.86 (Proposal "A"), submitted low bid at was awarded contract by the Board of Education of the Salinas City School District, R. D. Chase, Secretary, 102 Salinas National Bank Bldg. Salinas, for the improvement of portion of Iverson Street.

Work involves:

PROPOSAL "A":

- (1) 29,240 sq. ft. grading and paving
- (2) 29,240 sq. ft. hydraulic concrete paving;

- (3) 680 lf. hydraulic concrete curb

- (1) 23,524 sq. ft. grading and paving
- (2) 23,524 sq. ft. hydraulic concrete paving;

- (3) 551 lf. hydraulic concrete curb.

PROPOSAL "C":

- (1) 12,900 sq. ft. grading and paving
- (2) 12,900 sq. ft. hydraulic concrete paving;

- (3) 300 lf. hydraulic concrete curb.

Total bids on Proposal "A" follow:

Granite Constr. Co., Ltd., Bin No. 9, Watsonville—\$5,398.86.

W. A. Dontanville, Salinas—\$5,471.96.

Kallam & LeNoir, Salinas—\$5,793.60

M. J. B. Constr. Co., Stockton—\$8,527.20.

Bids received on Proposal "B" and Proposal "C" were rejected.

#### CONTRACT AWARDED

**OAKLAND, Calif.**—Union Paving Co., 618 Call Bldg., San Francisco at \$146,412.45, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for the construction of the new Moss Ave. Approach between Broadway and Vernon streets, State Highway Route 5, District 4.

#### BIDS WANTED

**KINGS CO., Calif.**—Until Oct. 13, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for paving with asphalt concrete 6.4 mi. between Hanford and Alcorn Bridge Corner, Kings County.

Work involves:

- (1) 170 M. gals. water;
- (2) 16,500 sq. yds. preparing subgrade;

- (3) 360 c. y. remove and stockpile existing oil-treated material;

- (4) 328 sta. finishing A surface;

- (5) 10 c. y. remove existing pave;
- (6) 1,300 tons mineral aggregate plant-mix surf;

- (7) 65 tons liq. asph. SC-4, plant-mix surf.;
- (8) 59,000 sq. yds. asph. paint blind-

- (9) 725 tons asph. cement, Grade D, asphaltic concrete;

- (10) 5,250 tons mineral aggregate asphalt conc. base and leveling course;

- (11) 8,450 tons mineral aggregate asphalt conc., Type A surface.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**SACRAMENTO CO., Calif.**—Until September 27, 10 a. m., bids will be received by the Sacramento County Board of Supervisors, County Clerk, Court House, Sacramento, for 1100 feet of fill of about 2 feet and repaving with armor top wearing surface the Natomas Trestle Road, which connects Garden Highway with Del Paso Blvd., east of the American River.

Plans and specifications may be obtained from the above office.

**IOS WANTED**

**SAN FRANCISCO**—Until Oct. 6, 30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. 9061, for reconstruction of 19th Avenue, from Sloat Blvd. to Taraval St., San Francisco.

**Work involves:**

- (1) 10,000 c.y. excavation (including embankment);
- (2) 13,000 c.y. borrow (imported embankment);
- (3) 5,000 c.y. pavement excavation (concrete);
- (4) 40,000 sq. ft. 8-in. concrete pavement;
- (5) 190,000 sq. ft. asphalt concrete pavement (1½-in.—1½-in.—8-in.);
- (6) 12,000 sq. ft. asphalt concrete pavement (2-in.—6-in.), Class F;
- (7) 12,000 sq. ft. asphalt concrete track pavement (1½-in.—1½-in.—6-in.);
- (8) 255 tons conform pavement (binder and asphalt);
- (9) 9,000 sq. ft. 1-in. emulsified asphalt armor coat;
- (10) 200 c.y. macadam pavement;
- (11) 40 l.f. rock gutters;
- (12) 6,000 l.f. white concrete curb (unarmored);
- (13) 8,800 l.f. combined curb and 1-ft. gutter (white);
- (14) 14 l.f. 6-in. concrete curb (armored);
- (15) 44,000 sq. ft. concrete sidewalk (two course);
- (16) 24 l.f. 12-in. corr. metal culvert;
- (17) 14 l.f. 18-in. do.;
- (18) 2,000 l.f. 8-in. V.C.P. pipe sewer;
- (19) 2,000 l.f. 12-in. do.;
- (20) 80 l.f. 15-in. do.;
- (21) 800 l.f. 6-in. V.C.P. side sewer;
- (22) 12 6-in. side sewer traps;
- (23) 400 l.f. 10-in. V.C.P. culverts;
- (24) 80-in. by 6-in. V.C.P. Y branches;
- (25) 80 12-in. by 6-in. V.C.P. Y branches;
- (26) 1 storm water inlet;
- (27) 22 brick manholes;
- (28) 1 raise brick manhole on Troadero sewer;
- (29) 14 brick catchbasins;
- (30) Lump sum electrical work;
- (31) Lump sum low pressure hydrants (3 relocated);
- (32) 40,000 sq. ft. planting ice plant;
- (33) Lump sum, traffic control system, complete.

**Plans and specifications may be obtained at the Office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10.**

**CONTRACT AWARDED**

**SAN FRANCISCO** and Alameda Cos., Cal.—General Welding Co., 851 Folsom St., San Francisco, at \$32,327.05 was awarded contract by the State Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, under Contract R-11 and R-21B, for the construction of bonding of the track work and contact rail of the railway facilities of San Francisco-Oakland Bay Bridge.

**BIDS WANTED**

**MODOC CO., Calif.**—Until October 5, 2 p.m., bids will be received by the State Division of Highways, E. W. Hazelwood, District Engineer, District 11, Redding, for widening 14 mi. road bed between Cedarville and the State Line, across Middle Lake.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**ST. HELENA, Napa Co., Calif.**—Until September 28, 8 p.m., bids will be received by the St. Helena City Council, E. R. Palmer, City Clerk, City Hall, St. Helena, for about 1.1 mi. scarifying, shape, mix and finish road-mix pavement to 2 inches com-

pleted Charter Oak Avenue, Allison Avenue and Pope Street between Rte. 49 northerly to a point 310 feet from the City Limits.

**Work involves:**

- (1) 16,000 sq. ft. road-mix surf.;
- (2) 16,000 sq. ft. seal coat;
- (3) 100 c.y. gravel.

Plans and specifications may be obtained at the office of the City Engineer, John A. Mitchell, City Hall, St. Helena.

**LAKE AND KLAMATH COS., Oregon**—Until October 1, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for constructing or improving 16.243 mi. highway, Fremont Highway Surfacing Project 29-A1B1, Oregon National Forest Road Project, located within the Deschutes National Forest, Lake and Klamath Counties, Oregon.

**Work involves:**

- (1) 2,000 cu. yd. class. excav.;
- (2) 90 acres road-side cleanup;
- (3) 16,243 mi. fine grading of sub-grade and shoulders;
- (4) 46,000 tons gravel bottom course;
- (5) 29,000 tons gravel top course;
- (6) 40 days roller operation;
- (7) 1 each furnishing roller.

Plans and specifications may be obtained from the above office upon deposit of \$10.

**CONTRACT AWARDED**

**NYE COUNTY, Nevada**—Isbell Construction Co., Reno, Nevada, at \$70,029.05, submitted low bid and was awarded contract by the Nevada State Highway Department, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for constructing 9.24 miles of State Highway in Nye Co., from a point nine miles east of east boundary of Nevada National Forest to a point two miles west of Warm Springs, Rt. 1, Section B2.

**Work involves:**

- (1) 57,045 c.y. rdwy. excav.;
- (2) 7,569 c.y. drainage excav.;
- (3) 125 sta. 7½' typ. ditches;
- (4) 26 sta. slope rounding;
- (5) 61,977 yd. sta. overhaul (yd. sta.)
- (6) 194 yd. m. overhaul (yd. mi.);
- (7) 1,600 c.y. structure excav.;
- (8) 1,290 c.y. backfill;
- (9) 9.24 miles subgrade, type C;
- (10) force account, roadside cleanup;
- (11) 18 M. gals. water;
- (12) 11,750 tons gravel base, type 1;
- (13) 43,680 tons gravel surface;
- (14) 370 c.y. Class A concrete;
- (15) 39 c.y. Class B concrete;
- (16) 280 l.f. 18-in. corr. metal pipe (dipped);
- (17) 748 l.f. 24-in. do.;
- (18) 41,400 lbs. reinforcing steel;
- (19) 52 c.y. grouted hand laid riprap;
- (20) 34 each monuments.

**Total bids follow:**

Isbell Construction Co.,	\$70,029.09
Nevada Rock & Sand Co.,	71,428.09
George French, Jr., Stockton, Calif.	76,445.21

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Heafey-Moore Co., 344 High St., Oakland, at \$23 per sq. yd., was awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for surfacing 16,335 sq. yds. parking lot at the Oakland Municipal Auditorium.

**CONTRACT AWARDED**

**SANTA CLARA COUNTY, Calif.**—Piazza & Huntley, 415 First National Bank Bldg., San Jose, at \$2,912.00, submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Frank O. Ho-

gan, Clerk, Court House, San Jose, for the construction of a reinforced concrete retaining wall on the San Jose and Almaden Road, south of Curtner Avenue bridge, Santa Clara County.

**Total bids follow:**

Piazza & Huntley, 415 1st National Bank Bldg., San Jose	\$2,912.00
Lewis & Clarke, Piedmont	3,398
B. P. Ward & Sons, San Jose	3,414
Carl N. Swenson Co., San Jose	3,500
Nielsen & Erbebraut	3,690
Tullcock & Martin	4,066
A. J. Raich Co.	4,377
Bridge Const. Co.	4,379

**LOW EIDDER**

**LOS ANGELES COUNTY, Cal.**—Oswald Bros., 366 E 58th St., Los Angeles, at \$7,310 submitted low bid to the State Division of Highways, S. V. Cortelyou, District Engineer, District VII, Room 808, State Bldg., Los Angeles, for applying seal coat to 14.6 miles of existing shoulders, between Summit and Palmdale, Los Angeles County.

**Work involves:**

- (1) 95 tons liquid asphalt, ROMC-5, in place;
- (2) 1,709 tons screenings in place.

**Total bids follow:**

Oswald Bros., Los Angeles	(1) \$17;
(2) \$3.35; total, \$7310.00.	
Griffith Co., Los Angeles	(1) \$15;
(2) \$3.60; total, \$7545.00.	
Dimmitt & Taylor, Los Angeles	(1) \$15;
(2) \$3.65; total, \$7630.	
A. S. Vinnell Co., Los Angeles	(1) \$20;
(2) \$3.70; total, \$8150.	
Vido, Koyasovich, Long Beach	(1) \$23.50;
(2) \$3.60; total, \$8353.50.	
P. J. Alkmdzich, Los Angeles	(1) \$13.75;
(2) \$4.10; total, \$8465.25.	

**BIDS WANTED**

**MONO CO., Cal.**—Until Oct. 13, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading 2.2 mi. between Route 23 and June Lake, Mono County.

**Work involves:**

- (1) 815 M. gals. water;
- (2) 37,850 c.y. roadway excav. without classification;
- (3) 200 c.y. struc. excav.;
- (4) 53,800 sta. yds. overhaul;
- (5) 116 sta. finishing roadway;
- (6) 488 l.f. 18-in. CMP;
- (7) 24 each, culvert markers;
- (8) 36 each, monuments, complete, in place.

The State will furnish CMP and hand couplers.

Plans and specifications may be obtained from the above office.

September 22, 1937.

**CONTRACT AWARDED**

**BERKELEY, Alameda Co., Calif.**—Low J. Immel, 1031 Evelyn St., Berkeley, at \$6,035.69, was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for building a wall on Vassar Avenue, near Kentucky, Berkeley.

**BIDS WANTED**

**REDWOOD CITY, San Mateo Co., Calif.**—Until Oct. 4, 8 p.m., bids will be received by the Redwood City City Council, B. E. Myers, City Clerk, for grading and constructing concrete curbs and gutters on Hillview Avenue from Hopkins Avenue to Brewster Avenue.

**Work involves:**

- (1) 36,829 sq. ft. pavement;
- (2) 1,511 l.f. cement concrete curb and gutters;
- (3) 791 cu. yd. excavation;
- (4) 126 c.y. filling.

Bids recalled, as no bids were submitted Sept. 26th.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Sept. 30, 4 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the alley first north of Poisson Blvd., from the easterly line of Santa Ynez Way to the westerly line of 36th St., Sacramento.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SANTA CLARA CO., Calif.**—Until October 4, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the construction of two reinforced concrete retaining walls on the Arastadero Road, south of Junipero Sera Blvd., Supervisor's District No. 5, Santa Clara County.

Plans and specifications may be obtained from the above office upon the deposit of \$1.00.

**CONTRACT AWARDED**

**MARICOPA COUNTY, Ariz.**—Tanner Const. Co., 312 S 11th St., Phoenix, at \$13,790 awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on the Phoenix-Prescott Highway, FA 84-C, 1st Reop (1938) AFE 8934. The work, which is located along Center St. in Wickenburg, consists of grading, concrete curb, and gutter, concrete pipe, select material and cut-back mix, and is to be completed on or before Jan. 31, 1938.

**CONTRACT AWARDED**

**GILA COUNTY, Ariz.**—Lee Moor Contracting Co., El Paso, Texas, at \$27,852.27 was awarded contract by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for sub-grading 2 1/2 miles at the highway junction about one mile east of Globe on the Globe-Showlow Highway, FA 99-B.

**BIDS OPENED**

**VALLEJO, Solano Co., Calif.**—A. C. Rauch, 1 de Haro St., San Francisco, at \$2,578.75, submitted the only bid to the Vallejo City Council, Harry W. Mitchell, City Clerk, City Hall, Vallejo, for the repaving of Wilson Ave., Vallejo.

**Work involves:**

- (1) 4 1/2 tons liquid asphalt, SC-1A;
- (2) 9.5 tons liquid asphalt, 90-95;
- (3) 125 tons screening;
- (4) 45 tons bind screening;
- (5) 57.5 tons extra crusher run rock sub-base;
- (6) 90 tons asphalt concrete base;
- (7) 115 tons 1 1/2-in. asphalt concrete top.

**Unit prices follow:**

(1) .....	\$18.00
(2) .....	26.00
(3) .....	3.00
(4) .....	4.50
(5) .....	3.50
(6) .....	6.30
(7) .....	6.70

September 23, 1937

**COMPLETE BIDS**

**SANTA BARBARA COUNTY, Cal.**—Granite Const. Co., Ltd., Bin No. 9, Watsonville, at \$9,971.30 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for about 12.8 miles of roadbed to be widened and shoulders to be treated with liquid asphalt between Santa Barbara and Stony Creek, between Tajiguas and 1 1/2 mile west of Arroyo Hondo and between Alcatraz and Gaviota creek, Santa Barbara County.

**Work involves:**

- (1) 1,100 c.y. rdwy. excav., unclass.
- (2) 110 c.y. struc. excav.
- (3) 7 c.y. remove existing concrete;

- (4) 31 sta. finish rdwy.;
- (5) 45 tons liquid asphalt, SC-2 (rd.-mix surf. treatment);
- (6) 5,500 sq. yds. prepare, mix and shape shoulders;
- (7) 130 tons liquid asphalt, 90-95 (seal coat);
- (8) 1,500 tons screenings (do);
- (9) 7 c.y. Class A Portland cement concrete (struc.);
- (10) 210 lbs. bar reinf. steel;
- (11) 24 lf. 18-in. CMP;
- (12) 24 lf. 36-in. CMP;
- (13) 61 lf. existing CMP removed, cleaned and relaid.

**Total bids follow:**

- (A) Granite Const. Co., Ltd., Bin No. 9, Watsonville, \$9,971.30.
- (B) L. A. Briscoe, Arroyo Grande, \$10,365.50.
- (C) J. E. Haddock, Ltd., Pasadena, \$11,241.50.

**Unit prices follow:**

	(A)	(B)	(C)
(1) .....	\$ 69	\$ 65	\$1.00
(2) .....	1.50	1.25	2.00
(3) .....	6.00	7.00	10.00
(4) .....	7.00	7.50	10.00
(5) .....	15.00	13.50	15.00
(6) .....	.10	.08	.15
(7) .....	17.00	15.55	16.00
(8) .....	3.23	3.85	3.70
(9) .....	30.00	35.00	35.00
(10) .....	.06	.10	.10
(11) .....	2.00	.50	1.00
(12) .....	6.00	.75	1.25
(13) .....	.70	1.50	1.50
			29

**BIDS OPENED**

**SACRAMENTO CO., Calif.**—M. R. Peterson, 1116 O St., Sacramento, at \$22,755.10, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a maintenance station building and appurtenances on Poisson Blvd., between 64th and 65th Streets.

**Work involves:**

- (1) 1 lot maintenance station and appurtenances;
- (2) 1060 lf. industrial fence;
- (3) 10 lf. lawn fence;
- (4) One 3-ft. lawn fence gate;
- (5) 20 c.y. Portland cement concrete curb;
- (6) Excavation; add or deduct for additions to or deductions from;
- (7) Portland cement; add or deduct for additions to or deductions from.

**Total bids follow:**

- (A) M. R. Peterson, 1116 O St., Sacramento—\$22,755.10.
- (B) Campbell Construction Co., Sacramento—\$22,969.90.
- (C) Holdener Construction Co., Sacramento—\$24,373.35.

**Unit prices follow:**

	(A)	(B)	(C)
(1) .....	\$21,290.00	\$21,300.00	\$22,948.00
(2) .....	.65	.66	.635
(3) .....	.80	.83	.825
(4) .....	6.10	10.00	11.00
(5) .....	22.10	31.00	30.00
(6) .....	1.25	1.50	1.25
(7) .....	15.00	18.00	20.00

**CONTRACT AWARDED**

**MILLBRAE, San Mateo Co., Cal.**—L. C. Smith, 235 Third Ave., San Mateo, was awarded contract by the Millbrae Elementary School District, Millbrae, California, for paving the school grounds of the Millbrae school site.

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—Chas. L. Hensel, 43 Call Bldg., San Francisco, at \$7,395.78, submitted the only bid to the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Moraga St., between 31st and 32nd Avenues, and six other locations, where not already improved. Est. cost, \$6400.

**Work involves:**

- (1) 15,077.5 sq. ft. asphalt concrete pavement;
- (2) 739 lf. armored concrete curbs;
- (3) 580 lf. 6-in. VCP side sewer;
- (4) 1000 sq. ft. 2-inch asphaltic concrete wearing surface.

**Unit prices follow:**

(1) .....	\$0.33
(2) .....	1.50
(3) .....	1.75
(4) .....	.30

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—The Fa. Improvement Co., 760 Market Street, San Francisco, at \$1888.99, submitted the only bid to the Department of Public Works, Room 251, City Hall, for the improvement of 35th Ave. between Quintara and Rivera Sts.; Quintara St., between 35th Avenue and 36th Ave., where not already improved. Estimated cost, \$1770.

- (1) 165 lf. 6-in. VCP side sewers, h place;
- (2) 182.5 lf. unarmored conc. curb;
- (3) 4312.5 sq. ft. asphalt-conc. pavement.

**Unit prices follow:**

(1) .....	\$1.25
(2) .....	.95
(3) .....	.35

**CONTRACT AWARDED**

**LOS ANGELES COUNTY, Calif.**—George R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at \$44,875.50 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for one mile surfacing with asphalt concrete between Atlantic Blvd. and New Avenue, Monterey Park, Los Angeles.

**CONTRACT AWARDED**

**ORANGE COUNTY, Calif.**—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$96,618.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 2.6 mi. grading and paving with Portland cement concrete Hampshire Avenue, between Coast Blvd. and Garfield St., Orange County.

**LOW BIDDER**

**NAVAJO CO., Ariz.**—Tanner Construction Co., 312 S. 11th St., Phoenix, Arizona, at \$32,693, submitted low bid to the Arizona State Highway Commission, Phoenix, Ariz., for highways improvement on the Showlow-Cochise Highway, FAS 104-B (1938). The work, which consists of grading and draining about 2 1/2 mi. of roadway, is located from 2 1/2 to 5 miles southwest of Cochise and is to be completed on or before December 31, 1937.

**Work involves:**

- (1) 2800 c.y. roadway excav.;
- (2) 350 c.y. drainage excav.;
- (3) 250 c.y. struc. excav.;
- (4) 37,200 c.y. imported borrow (C.P.);
- (5) 1500 c.y. stripping pits;
- (6) 320 hrs. rolling;
- (7) 56 c.y. Class A concrete;
- (8) 3500 lbs. reinf. steel;
- (9) 420 lf. CMP (4 sizes);
- (10) 7,700 lf. line fence.

Complete bids will be published shortly.

**CONTRACT AWARDED**

**SACRAMENTO, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, Eldorado and Nevada Counties, Calif.**—A. W. Simmonds, 3400 J Street, Sacramento, at \$2,664 was awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for applying a traffic stripe to about 510 miles of existing pavement in Sacramento, Placer, Yuba, Butte,



Sutter, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

**BIDS OPENED**

**SAN FRANCISCO**—Eaton & Smith 715 Ocean Ave., at \$1,149.45 submitted low bid to the Dept. of Public Works Room 251, City Hall, under Spec. No. 19,067, for resurfacing Ninth Avenue between Kirkham and Ortega Sts. Estimated cost, \$3843.00.

Work involves:  
 (1) 52,800 sq. ft. remove by heating existing asphaltic wearing surface to a depth of 1 inch, and replace with asphaltic concrete one inch in thickness.  
 (2) 135 tons asphalt concrete binder, in place.

Total bids follow:

(A) Eaton & Smith, 715 Ocean Ave., San Francisco, \$1,149.45.
(B) Chas. L. Harney, \$4,764.00.
(C) Dept. of Public Works, Bureau of Streets, \$4,831.50.

Unit prices follow:	(A)	(B)	(C)
(1) —————	\$ .069	\$ .07	\$ .08
(2) —————	3.75	4.00	4.50

**BIDS OPENED**

**SAN FRANCISCO**—Chris Panacci San Francisco, at \$1,842.07 submitted low bid to the Department of Public Works, Room 251, City Hall, for the improvement of the crossing of Quintara St. and 35th Ave. by grading official line and subgrade. Estimated cost, \$2,000.

Work involves:  
 (1) 600 c.y. grading (excavation);  
 (2) 94 LF. unarmored concrete curbs;  
 (3) 660 sq. ft. one-course conc. sidewalk;  
 (4) 3 brick catchbasins, complete;  
 (5) 65 LF. 10-inch vit. clay pipe culverts;  
 (6) 4894 sq. ft. asphalt conc. pavement.

Total bids follow:

(A) Chris Panacci, San Francisco, \$1,842.07.
(B) Fay Improvement Co., S. F., \$2,390.60.
(C) E. J. Treacy, San Francisco (irregular bid) \$2,579.76.

Unit prices follow:

(A)	(B)	(C)	
(1) —————	\$ .25	\$ .50	\$1.00
(2) —————	.80	.95	1.00
(3) —————	.15	.16	.15
(4) —————	75.00	110.00	90.00
(5) —————	1.65	1.50	1.50
(6) —————	.23	.30	.29

**BIDS OPENED**

**SANTA BARBARA COUNTY, Cal.**—Granite Const. Co., Ltd., Elm No. 9, Watsonville, at \$9,971.30 submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, District V, 50 Higuera St., San Luis Obispo, for about 12.8 miles of road to be widened and shoulders to be treated with liquid asphalt between Santa Barbara and Stony Creek, between Tajiguas and 1/2 miles west of Arroyo Honda and between Aleatraz and Gavioa Creek, Santa Barbara County.

Total bids follow:  
 Granite Const. Co., Ltd., Elm No. 9, Watsonville, \$9,971.30  
 L. A. Briscoe, Arroyo Grande 10,365.50  
 J. E. Haddock, Ltd., Pasadena 11,241.50

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Ariss Knapp Co., 961 11st St., Oakland, at \$27,605, was awarded contract by the Oakland Port Commission for grading and paving Maritime Street, Outer Harbor

**CONTRACT AWARDED**

**SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Counties, Cal.**—S. A. Cummings, 4170 Frietor Street, San Diego, at \$3,662.75, was awarded contract by the State Di-

vision of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying traffic stripe to 705 miles existing pavement in San Benito, Monterey, San Luis Obispo and Santa Barbara Counties.

**BIDS WANTED**

**CALAVERAS COUNTY, Cal.**—Until October 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and applying liquid asphalt to 6.1 miles between two and one-half miles east of Valley Springs and San Andreas, Calaveras County.

- Work involves:  
 (1) 310 sta. clear and grub right-of-way;  
 (2) 4,500 M. gals. water;  
 (3) 175,000 c.y. rdwy. excav., unclass.  
 (4) 3,500 c.y. struc. excav.;  
 (5) 2,400 c.y. ditch and channel excavation;  
 (6) 465,000 sta. yds. overhaul;  
 (7) 310 sta. finishing rdwy.;  
 (8) 4,750 c.y. salvaged sur.;  
 (9) 7,500 c.y. imported gravel;  
 (10) 29,000 sq. yds. preparing, mixing and shaping roadway;  
 (11) 120 tons liquid asphalt, SC-3 or MC-1 road mix surf. treatment;  
 (12) 60 tons liquid asphalt, SC-2 prime coat and penetration oil treatment;  
 (13) 155 c.y. Class A Portland cement concrete struc.;  
 (14) 1,000 lbs. bar reinf. steel;  
 (15) 925 c.y. light riprap;  
 (16) 4,300 sq. yds. ditch lining;  
 (17) 57 tons sand penetration oil treatment;  
 (18) 1,000 LF. 6-in. perf. metal pipe;  
 (19) 170 c.y. rock filling material;  
 (20) 4 c.y. rubble masonry;  
 (21) 708 LF. 8-in. CMP;  
 (22) 26 LF. 12-in. do;  
 (23) 1,990 LF. 18-in. do;  
 (24) 436 LF. 24-in. do;  
 (25) 90 LF. 30-in. do;  
 (26) 84 LF. 36-in. do;  
 (27) 24 LF. 48-in. do;  
 (28) 20 each spillway assemblies;  
 (29) 301 LF. remove and salvage existing pipe culverts;  
 (30) 224 LF. remove, clean and relay existing pipe culverts;  
 (31) 12 c.y. concrete remove;  
 (32) 12 each culvert markers and guide posts;  
 (33) 12 miles new property fence;  
 (34) 35 each drive gates;  
 (35) 6 each walk gates;  
 (36) 100 each monuments;  
 (37) 1 lot misc. items of work.  
 Plans and specifications may be obtained from the above office.

**CONTRACTS AWARDED**

**STATE OF OREGON**—The Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, awarded the following contracts for highway and bridge construction, as follows:  
**Clatsop County:** Construction of concrete bridge over South Fork Quartz Creek about 5.5 mi. east of Elsie on the Wolf Creek Highway. Federal Aid Project No. 181-E. Requires approx. 700 cu. yds. excavation; 210 cu. yds. concrete, and 31,000 lbs. metal reinforcement.  
 Awarded: F. C. Hember Co., Eugene, at \$8,910.

Total bids follow:  
 F. C. Hember Co., Eugene \$8,910.00  
 Mtn S. Bates Const. Co., Eugene 9,340.00  
 E. F. and W. F. Philpott, Portland 9,975.00  
 Dolan Const. Co., Tillamook 10,650.00  
 L. H. Hoffmann, Portland 10,650.00  
**Douglas and Jackson Counties:** Diamond Lake Rock Production Project on West Diamond Lake and Crater Lake-North Secondary Highways.

State Project. Furnishing of 10,300 cu. yds. crushed rock in stock piles.  
 Awarded: R. I. Stuart, Medford, at \$19,850.

Total bids follow:  
 R. I. Stuart, Medford \$19,850.00  
 A. S. Wallace, Roseburg 19,879.00  
 Saxton, Looney & Risley, Portland 19,915.00  
 Rogers Constr. Co., Dayton, Wash. 21,115.00  
 C. A. Dunn, Klamath Falls 21,920.00  
 Medford Concrete Constr. Co., Medford 21,995.00  
 H. L. Rice, Portland 22,251.00  
**Grant County:** Forest Boundary-Long Creek Section of Pendleton-John Day Highway. State Project. Furnishing of 5,200 cu. yds. crushed rock in stock piles.  
 Awarded: Rogers Constr. Co., Dayton, Wash., at \$7,820.

Total bids follow:  
 Rogers Constr. Co., Dayton, Wash. \$7,820.00  
 Jones-Scott Co., Walla-Walla 9,168.00  
 Schmeer, Williams & Gentemann, Baker, Ore. 11,280.00  
 A. S. Wallace, Roseburg 11,560.00  
 H. L. Rice, Portland 14,216.00  
 George Schmitt, Portland 15,650.00  
 Fisher Bros., Oregon City 35,730.00  
**Hood River County:** Bloucher Section of Hood River Secondary Highway. Federal Aid Secondary Project No. FAS 253-B; 1.6 mi. surfacing and oiling and furnishing of 4,000 cu. yds. crushed rock in stock piles. Requires approximately 9,900 cu. yds. crushed rock; and 18,800 sq. yds. oil mat surface treatment.  
 Awarded: Fisher Brothers, Oregon City, at \$21,884.

Total bids follow:  
 Fisher Bros., Oregon City \$21,881.00  
 Rogers Constr. Co., Dayton, Wash. 22,286.00  
 O. C. Yocum, Portland 24,684.00  
 H. L. Rice, Portland 25,200.00  
 Parker-Schmitt Co., Portland 25,930.00  
 Joplin & Eldon, Portland 27,887.00

**LOW BIDDERS**

**GILA COUNTY, Ariz.**—Lee Moor Contracting Co., El Paso, Texas, at \$27,855 submitted low bid to Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for sub-grading 2 1/2 miles at the highway junction about one-mile east of Globe on the Globe-Showlow Highway, FA 99-B  
 Work involves:  
 (1) 2,779 miles subgrading roadway and re-finishing slopes;  
 (2) 14,750 c.y. select material (CIP);  
 (3) 5,500 tons agg. base course (CIP);  
 (4) 475 M gals. sprinkling (CIP);  
 (5) 150 hours rolling;  
 (6) 270 tons cutback asphalt, MC-4 (CIP).

(8) 2,779 miles processing road-mix;  
 (9) 450 tons screenings (CIP);  
 (10) 6 tons bitter material (CIP).  
 W. E. Ort, Prescott, Arizona, at \$27,862 submitted second low bid.

**BIDS OPENED**

**OKANOGAN CO., Oregon**—George B. Garras, Spokane, Wash., at \$9,275, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 310 New Post Office Bldg., Portland, for highway clearing, Loop Loop Highway Clearing Project 28-D, Washington National Forest Road Project, Chelan National Forest, Okanogan County.  
 Work involves:  
 (1) 65 acres clearing;  
 (2) 10 acres roadside cleanup;  
 (3) 300 sq. ft. dangerous trees and stumps.

Total bids follow:  
 George B. Garras, Spokane 9,275.00  
 S. L. Spade, Walla Walla 89,275.00  
 Geo. F. Christen, Jr., Stevenson, Wash. 10,675.00  
 C. E. O'Neal & Co., Inc., Ellensburg 10,900.00

## BIDS WANTED

CONTRA COSTA CO., Calif.—Until October 4th, 2 p.m., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, Dept. of Public Works, San Francisco, for the construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance Site, located approximately one-half mile north of Walnut Creek, Contra Costa County. Plans and specifications may be obtained from the above office. \*

## BIDS WANTED

INYO CO., Calif.—Until Oct. 13, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying penetration oil to 20.5 mi. existing roadbed between 1.1 miles east of Saline Valley Road and Panamint Sink, Inyo County.

Work involves:

- (1) 800 tons liquid asphalt, SC-2 penetration treatment.

Plans and specifications may be obtained from the above office.

## CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at \$18,644.50, was awarded contract by the Department of Public Works, Room 251, City Hall under Spec. 19,073, for the construction of Alemany Blvd., Section "C", from Naglee to Lawrence Avenue.

## LOW BIDDERS

MARICOPA COUNTY, Ariz.—Tanner Const. Co., 312 S 11th St., Phoenix, at \$13,790 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Phoenix-Prescott Highway, FA 84-C, 1st Resp. (1938) AFE 8984. The work, which is located along Center St. in Wickenburg, consists of grading, concrete curb, and gutter, concrete pipe, select material and cut-back mix, and is to be completed on or before Jan. 31, 1938.

Work involves:

- (1) 170 cu. yd. rocky excav.;  
 (2) 1100 cu. yd. select material;  
 (3) sprinkling and rolling;  
 (4) 1670 lf. comb. curb and gutter;  
 (5) 620 lf. 30-in. reinf. conc. pipe;  
 (7) 630 tons cut-back mix;  
 (8) manholes;  
 (9) catchbasins;  
 (10) monument covers;  
 (11) 25 tons cut-back asphalt, MC-4;  
 (12) 12 tons emulsified asphalt;  
 (13) screenings;  
 (14) salvaging & stockpiling oil cake.  
 N. G. Hill & Co., Phoenix, at \$16,916 submitted the second low bid.

## CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon.—Frank Watt Const. Co., Portland, at \$11,577 awarded contract by Oregon State Highway Commission, Auditorium, 3rd floor, Public Service Bldg., Portland, for construction of approximately 23,000 lf. of treated timber bulkhead along the Mt. Hood Highway in town of Gresham. State project.

Bids were taken on the following:

- (1) using preservative oil treatment,  
 (2) using volcanic salts;  
 (3) using chemonite salts.

Total bids follow:

Frank Watt Const. Co., Portland: (1) \$11,577; (2) \$11,757; (3) —  
 Mt. States Const. Co., Eugene: (1) \$13,275; (2) (3) —  
 Geo. Schmitt, Portland, (1) \$13,586.75.  
 (2) (3) —  
 Parker-Schram Co. Portland: (1) \$15,500; (2) \$16,400; (3) \$16,100.  
 Shattuck & Neland, Portland: (1) \$17,202.50; (2) \$17,802.50; (3) \$17,702.50.

## OFFICERS' QTRS., ETC.—SACRAMENTO AIR DEPOT

## OFFICERS' QTRS., ETC.

SACRAMENTO COUNTY, Cal. Army Air Depot, near North Sacramento.

Eight double non-commissioned officers' quarters (est. cost, \$120,000), Spec. No. 387-E; four double company officers' quarters, including one alternate type "B" quarters (est. cost, \$85,000), Spec. No. 390-E; one bachelor officers' quarters and officers' mess (est. cost, \$120,000), Spec. No. 391-E; all of reinforced concrete construction.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster, P.O. Box 1646, Sacramento).

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Low Bidder—Eaton and Smith, 715 Ocean Ave., San Francisco.

Total bids follow:

- (A) Eaton & Smith, San Francisco, \$371,900.00.  
 (B) Azevedo Const. Co., Sacramento, \$416,900.00.  
 (C) MacDonald & Kahn, San Francisco, \$418,814.00.  
 (D) James I. Barnes, Springfield, Mo., \$425,200.00.  
 (E) John Strona, Pomona, \$448,000.  
 (F) K. E. Parker Co., San Francisco, \$450,900.00.  
 (G) Anderson & Ringrose, San Francisco, \$464,000.00.

Complete bids follow:

- (1) Deduct from Item 1 if one Double N.C.O. Quarters is omitted;  
 (2a) Add or Deduct from Item 1 if metal casement doors and weather-stripped wood casement doors and spring balanced, weather-stripped, double-hung wood sash with full length wood screens are used for each Double N.C.O. Quarters;  
 (2b) Add to Item 1 if superstructures of concrete platforms are constructed for each Double N.C.O. Quarters;  
 (2c) Add to Item 1 if superstructures of Porches "A" complete from concrete platforms, are constructed for each Double N.C.O. Quarters;  
 (3) Deduct from Item 1, if one Double Co. Officers' Quarters is omitted;

(3A) Add or deduct from Item 1, if

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$16,000.00	\$16,000.00	\$16,100.00	\$16,200.00	\$18,148.00	\$18,320.00	\$20,000.00
(2a)	300.00	190.00	230.00	300.00	248.00	70.00	+ 65.00
(2b)	848.00	850.00	1,100.00	800.00	1,360.00	1,240.00	1,775.00
(2c)	479.00	295.00	600.00	350.00	385.00	512.00	1,041.00
(3)	23,900.00	25,160.00	23,000.00	26,300.00	28,237.00	28,300.00	29,900.00
(3A)	465.00	210.00	280.00	460.00	1,089.00	+40.00	
(3b)	575.00	125.00	120.00	1,100.00	268.00	550.00	+1023.00
(3c)	100.00	40.00	75.00	100.00	45.00	50.00	—
(4)	14,160.00	15,650.00	14,000.00	15,100.00	16,830.00	16,950.00	17,500.00
(4a)	326.00	250.00	140.00	275.00	347.00	75.00	+ 323.00
(4b)	326.00	275.00	140.00	287.00	1,470.00	100.00	+ 100.00
(4c)	50.00	25.00	80.00	45.00	45.00	35.00	66.00
(4d)	70.00	100.00	120.00	125.00	126.00	125.00	90.00
(5)	1.50	2.00	+ 2.00	.60	.50	+ 1.50	+ 1.50
(6)	—	—	.60	—	—	.75	—
(7)	2.50	4.00	+ 5.00	4.50	3.00	+ 5.00	+ 2.50
(8)	—	—	1.50	—	—	—	.50
(9)	3.50	2.50	+ 7.00	7.50	1.50	+ 6.00	+ 2.50
(10)	—	—	2.00	—	—	—	.50
(11)	15.00	18.00	+ 10.00	10.10	22.00	+ 15.00	+ 17.00
(12)	—	—	9.00	—	—	9.00	13.00
(13)	16.00	20.00	+ 20.00	11.00	22.50	+ 18.00	+ 18.00
(14)	—	—	9.00	—	—	9.00	—
(15)	120.00	110.00	+110.00	97.50	160.00	+100.00	+110.00
(16)	—	—	70.00	—	—	80.00	100.00
(17)	75	2.00	+ 2.00	.50	2.00	+ 2.00	+ 2.25
(18)	—	—	.50	—	—	1.00	1.25
(19)	1.00	1.00	+ 1.25	.60	1.00	+ 1.00	+ 1.00
(20)	—	—	.40	—	—	.50	.60
(21)	4.50	6.00	+ 9.00	38.00	4.50	+ 4.50	+ 7.50
(22)	—	—	6.00	—	—	—	—

- (A) Begin in 10 days; finish in 400.  
 (B) Begin in 15 days; finish in 350.  
 (C) Begin in 10 days; finish in 450  
 (D) Begin in 10 days; finish in 300.

metal casement doors and windows are omitted and weather-stripped wood casement floors and spring balanced weather-stripped, double-hung wood windows with full-length wood screens are used for each double

Company Officers' Quarters;  
 (3b) Deduct from Item 1, if screened porch is omitted leaving open platform only, for each Double Company Officers' Quarters;  
 (3c) Add to Item 1, if exhaust fan are furnished and installed in each kitchen for each Double Company Officers' Quarters;

(4) Deduct from Item 1, if one Field Officers' Quarters is omitted (not Alternate Type "B" Quarters);

(4a) Add or deduct from Item 1, if metal casement floors and windows are omitted and weather-stripped wood casement doors and spring balanced, weather-stripped, double-hung wood windows with full-length wood screens are used for each Field Officers' Quarters and (4a) for the Alternate Type "B" Field Officers' Quarters;

(4b) Add to Item 1, if exhaust fan is furnished and installed in kitchen of each Field Officers' Quarters;

(5) Deduct from Item 1, if drain tile is omitted from the Bachelor Officers' Quarters and Officers' Mess;

(6) Unit Prices: These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted:

(a) Earth excavation, per cu. yd.;  
 (b) Rock excav., per cu. yd.;  
 (c) Wet excav., per cu. yd.

(d) Type "A" concrete, including forms, per cu. yd.;  
 (e) Type "B" concrete, including forms, per cu. yd.

(f) Reinforcing steel, per ton;  
 (g) 4-in. sub-sol drain, per lf.;  
 (h) 6-in. vit. clay pipe, per lf.

(i) Two single pole switches, high and low, speed beside wall switch and wiring for combination fan and lighting fixture on bedroom ceilings (fixture furnished by U. S.).

(j) 2-in. galv. pipe, per lf.

(k) 2-in. single pole switches, high and low, speed beside wall switch and wiring for combination fan and lighting fixture on bedroom ceilings (fixture furnished by U. S.).

(l) 2-in. galv. pipe, per lf.

(m) 2-in. galv. pipe, per lf.

(n) 2-in. galv. pipe, per lf.

(o) 2-in. galv. pipe, per lf.

(p) 2-in. galv. pipe, per lf.

(q) 2-in. galv. pipe, per lf.

(r) 2-in. galv. pipe, per lf.

(s) 2-in. galv. pipe, per lf.

(t) 2-in. galv. pipe, per lf.

(u) 2-in. galv. pipe, per lf.

(v) 2-in. galv. pipe, per lf.

(w) 2-in. galv. pipe, per lf.

**BIDS TO BE REJECTED**

**HAYWARD, Alameda Co., Calif.**—The Hayward City Council, City Park City Hall, Hayward, will reject all bids for the improvement of Castro Street from C Street to Jackson Street, Hayward, for which bids were opened September 15th.

Bids will be readvertised shortly.

**BIDS OPENED**

**LINCOLN CO., Oregon.**—Mountain States Construction Co., Eugene, Oregon, at \$39,635, submitted low bid to the Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, for surfacing and Rock Production Project on Siletz Secondary Highway, State Project; 167 mi. surfacing and furnishing of 5400 cu. yd. crushed material in stock piles. Requires approximately 5100 cu. yd. crushed rock, and 18,200 cu. yd. crushed rock or crushed gravel.

Total bids follow:

Mountain States Constr.	\$39,635.00
Co., Eugene, Ore.....	\$39,635.00
A. O. Dail & Warren Bros.,	42,525.00
Aberdeen, Wash.....	42,525.00
Dolan Constr. Co., Tillamook	44,735.00
Sacton, Looney & Rissam,	45,020.00
Portland.....	45,020.00
Joslin & McAllister, Spo-	46,765.00
lane, Wash.....	46,765.00
J. C. Yeoman, Portland.....	48,850.00
Chas. H. Hoyt, Silverton.....	55,080.00
E. C. Hall Co., Eugene.....	55,100.00
Altrec & Sanford, Toledo ..	55,221.00
Iomer G. Johnson, Portland	56,005.00
A. C. Greenwood, Inc.,	57,075.00
Portland.....	57,075.00
Parker-Schram Co.,	61,915.00
Portland.....	61,915.00
Joplin & Eldon, Portland ..	71,215.00
Rogers Constr. Co., Dayton,	76,750.00
Wash.....	76,750.00

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

**COWLITZ COUNTY, Wash.**—Until October 5, 3:00 P. M. bids will be received by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-28-96, for performing all work for the diversion of King, Coal, Barnes and other creeks, and alterations and additions to the pumping plant and culvert, situated in and adjacent to Cowlitz County Drainage Improvement District No. 1, Cowlitz County, Wash.

Work involves:

- (1) 12,000 c.y. canal excavation;
- (2) 8,800 c.y. culvert excavation;
- (3) 5,400 c.y. culvert backfill;
- (4) 145 c.y. excavation, existing 42-inch dia. culvert;
- (5) 190 c.y. backfill, existing 42-in. dia. culvert trench;
- (6) 715 cu. yd. fill, 42-in. dia. culvert;
- (7) 724 c.y. reinf. concrete in place;
- (8) 112 lf. 66-in. dia. extra strength reinf. conc. culvert, in place;
- (9) 80 lf. 66-in. dia. standard reinf. concrete culvert, in place;
- (10) 550 lf. 18-inch do;
- (11) 946.5 lf. 60-inch dia. creosoted wood stave pipe, in place;
- (12) 1 each 66-inch automatic drainage gate, in place;
- (13) 1 each 24-inch do;
- (14) 1 each 24-inch do;
- (15) 311 lf. salvaged steel flume, including fastenings, in place;
- (16) 52 MFEM steel flume wooden trestle, inc. fastenings, in place;
- (17) 120 lf. salvaged 42-in. dia. corrugated steel culvert, in place;
- (18) 3,990 lbs. steel intake trash racks, gratings, drainage gate mountings, manhole cover and fastenings, in place;
- (19) 6,120 lbs. 20-inch dia. steel pipe-casing, in place;
- (20) 3,860 lbs. 22-in. dia. pump discharge pipe and 12-in. pump connections, in place;

**BOISE PROJECT—Constr. Earthwork & Structures—(Govt.)**

**BOISE PROJECT, Idaho.**—J. A. Terteling & Sons, Boise, Idaho, at \$71,768, submitted low bid to the U. S. Bureau of Reclamation, John C. Page, Commissioner, Boise, Idaho, under Spec. No. 745, for the construction of earthwork and structures, Black Canyon Canal, Station 1250 to Station 1520, Payette Division, Boise Project, Idaho.

Work involves:

**SCHEDULE No. 1—Earthwork and structures, Sta. 1250-00 to Sta. 1406-24-4-1406-00.**

- (1) 524,000 cu. yd. excav., common, for canal;
- (2) 4,000 cu. yd. excav., rock, for canal;
- (3) 28,000 cu. yd. excav., for cutbanks;
- (4) 10,000 sta. cu. overhaul;
- (5) 3,300 cu. yd. excav., common, for structures;
- (6) 10 cu. yd. excav., rock, for structures;
- (7) 4100 cu. yd. excav., common, for drain channels and dikes;
- (8) 10 cu. yd. excav., rock, for drain channels and dikes;
- (9) 10,000 cu. yd. earth lining of canal;
- (10) 200 cu. yd. gravel blanket, inside slope canal embankment;
- (11) 4,000 cu. yd. backfill about structures;
- (12) 700 cu. yd. puddling or tamping backfill about structures;
- (13) 190 cu. yd. concrete in structures;
- (14) 15,000 lbs. placing reinforcement bars;
- (15) 50 sq. yd. dry-rock paving;
- (16) 41 lf. laying 15-in. diam. conc. pipe;
- (17) 58 lf. laying 18-in. diam. conc. pipe;
- (18) 950 lbs. installing gates and gate hoists.

**SCHEDULE No. 2—Earthwork and**

- structures, Sta. 1406-00 to Sta. 1520-00.
- (19) 352,000 cu. yd. excav., common, for canal;
- (20) 1000 cu. yd. excav., rock, for canal;
- (21) 8000 cu. yd. excavation for core-banks;
- (22) 5000 sta. cu. overhaul;
- (23) 1600 cu. yd. excav., common, for structures;
- (24) 10 cu. yd. excav., rock, for structures;
- (25) 1500 cu. yd. excav., common, for drain channels and dikes;
- (26) 10 cu. yd. excav., rock, for drain channels and dikes;
- (27) 6000 cu. yd. earth lining of canal;
- (28) 100 cu. yd. gravel blanket, inside slope canal embankment;
- (29) 2500 cu. yd. backfill;
- (30) 500 cu. yd. puddling or tamping backfill;
- (31) 575 cu. yd. concrete in structures;
- (32) 52,300 lbs. placing reinforcement bars;
- (33) 50 sq. yd. dry-rock paving;
- (34) 14,000 lbs. installing gates and gate hoists;
- (35) 400 lbs. installing pipe hand-rails.

Total bids follow:

- (A) J. A. Terteling & Sons, Boise, Idaho—\$71,768
- (B) Geo. B. Henly Const. Co., Ontario, Ore.—\$75,310.50
- (C) Dan Teters & Co., Inc., Riverside, Cal.—\$85,391.50
- (D) Oris Williams & Co., Vale, Ore.—\$92,275
- (E) Morrison-Knudsen Co., Inc., Boise—\$94,422.20
- (F) Haas, Doughty & Jones and Marshall & Stacy, San Francisco—\$94,471.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1)	\$0.566	\$0.06	\$0.069	\$0.075	\$0.078	\$0.079
2)	0.566	0.30	0.069	0.075	0.40	0.50
3)	0.10	0.10	0.15	0.12	0.15	0.12
4)	0.03	0.03	0.03	0.03	0.02	0.04
5)	0.30	0.20	0.19	0.30	0.35	0.35
6)	0.30	2.00	0.40	0.30	0.50	1.00
7)	0.15	0.70	0.15	0.15	0.13	0.15
8)	0.15	2.00	0.15	0.15	0.59	1.00
9)	0.15	0.20	0.10	0.30	0.15	0.15
10)	1.00	2.00	1.00	2.00	2.00	2.50
11)	0.15	0.10	0.20	0.25	0.15	0.15
12)	0.30	0.50	0.40	0.50	0.35	0.40
13)	14.50	12.00	15.00	11.00	19.50	18.00
14)	0.02	0.02	0.025	0.02	0.02	0.02
15)	1.50	2.00	1.50	1.00	2.00	2.00
16)	0.75	1.00	0.50	0.50	1.20	1.00
17)	0.75	1.00	0.75	0.50	1.30	1.00
18)	0.03	0.05	0.05	0.05	0.05	0.05
Total	\$10,045.00	\$13,669.50	\$48,558.00	\$52,743.00	\$55,634.70	\$55,825.50
19)	0.056	0.05	0.069	0.075	0.078	0.079
20)	0.056	0.40	0.069	0.075	0.078	0.50
21)	0.10	0.10	0.15	0.12	0.15	0.12
22)	0.03	0.03	0.03	0.03	0.02	0.04
23)	0.30	0.50	0.40	0.30	0.35	0.35
24)	0.30	2.00	0.40	0.30	0.50	1.00
25)	0.15	0.20	0.15	0.15	0.13	0.15
26)	0.15	0.60	0.15	0.15	0.59	1.00
27)	0.15	0.20	0.10	0.30	0.15	0.15
28)	1.00	2.00	1.00	2.00	2.00	2.50
29)	0.15	0.50	0.20	0.25	0.15	0.15
30)	0.30	1.00	0.40	0.50	0.35	0.40
31)	11.50	13.00	15.00	14.00	19.50	18.00
32)	0.02	0.02	0.02	0.02	0.02	0.02
33)	1.50	3.00	1.50	1.00	2.00	2.00
34)	0.03	0.05	0.03	0.05	0.05	0.05
35)	0.03	0.10	0.10	0.05	0.10	0.08
Total	\$1,723.00	\$31,641.00	\$36,803.50	\$39,535.50	\$42,787.50	\$42,616.00



Use  
**'DAILY PACIFIC BUILDER'**  
Builder Ads  
for Results

(21) 90 c.y. riprap, in place;  
 (22) 33 sq. yds. riprap, grout, in place.  
 Plans and specifications may be obtained from the above office upon the deposit of \$5.00.

#### CONTRACT AWARDED

SACRAMENTO, Calif.—M. J. Rudy and Geo. E. Murray, Modesto, at \$7,957, awarded contract by Lieut.-Col. L. E. Chambers, District Engineer, U. S. Engineer Office, 208 Post Office Bldg., Sacramento, for raising and strengthening the existing levee and constructing a new levee along the west bank of the Sacramento River, consisting of 73,000 c.y. levee and bankment, in place, from approximately 2100 ft. southerly from Sycamore Warehouse downstream 1950 ft. Estimated cost, \$9,237.86. **0**

#### TO ASK BIDS SHORTLY

GRAND COULEE, Wash.—The Bureau of Reclamation has announced that plans and specifications for work are being rushed by the Denver, Colorado, office of the Bureau for the completion of the dam, and it is hoped that bids will be called late in September or early in October.

The Bureau of Reclamation further announced that this project is principally a manufacturing and placement project and that there will be no excavating or site clearing, as that work was all completed in the previous contract. The entire dam is to be approximately 550 ft. high above bedrock, of which 200 ft. have been built, leaving approximately 350 ft. to be constructed. The manufacturing and placement of more than 6,500,000 c.y. of concrete will be included in the contract. The contractor will not be required to furnish the cement as the Government secures this under a separate letting. The processing of the aggregates is the job of the contractor. The contractor has the alternative of either setting up his own plant or buying the plant that is already on the site.

The above figures and estimates are approximate and subject to change when the specifications are issued.

The wage scale will be fixed under the Bacon-Davis act, but the basis of the wages has not, as yet, been determined.

#### CONTRACT AWARDED

SACRAMENTO, Calif.—Morrison-Knudsen Co., 954 Howard St., San Francisco, at \$119,947.61, awarded contract by the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-38-20, for levee construction along a portion of the South Levee of Bear River, along the north and south levees of South Dry Creek Lateral, along the South Levee of Grasshopper Creek, and excavation along the Grasshopper Creek Diverting Channel.

#### 31—PIPE LINES & WELLS

##### BIDS WANTED

SAN MATEO & SANTA CLARA COS., Calif.—Until October 20, 3 p.m., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec W.D. 156, for the construction of the Palo Alto Pipe Lines, San Mateo and Santa Clara Counties.

Work involves:

- (1) 28,500 Lf removal and delivery of 36-in. pipe from Corral Hollow pipe line.

#### MARICOPA COUNTY—GRADING—(State)

MARICOPA COUNTY, Ariz.—Tanner Const. Co., 312 S 11th St., Phoenix, at \$13,790 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on the Phoenix-Prentiss Highway, FA 84-C, 1st Reop. (1938) AFE 8984. The work, which is located along center St. in Wickenburg, consists of grading, concrete curb, and gutter, concrete pipe, select material and cut-back mix, and is to be completed on or before Jan. 31, 1938.

- Work involves:
- (1) 1,472 c.y. rdwy. excav., unclass.
  - (2) 10 c.y. struc. do;
  - (3) 1,100 c.y. select material (CIP);
  - (4) 100 c.y. stripping pits;
  - (5) 35 M. gals. sprinkling (CIP);
  - (6) 25 hours rolling;
  - (7) 10 c.y. cement rubble masonry (CIP except excavation);
  - (8) 1,668 lf. comb. curb and gutter (Type A) (CIP);
  - (9) 206 lf. single curb (CIP);
  - (10) 395 lf. valley curb (CIP);
  - (11) 52 lf. 12-in. plain concrete pipe (under rdwy.) (CIP);
  - (12) 70 lf. 18-in. plain concrete pipe (do);
  - (13) 620 lf. 36-in. reinf. concrete pipe (CIP);
  - (14) 1 lump sum, removal of 42-in. x 18-ft. concrete pipe (r/w of Sta. 824-80);
  - (15) 1 lump sum, encasing existing sewer pipe (6-in. tile) Detail X;
  - (16) 1 each manholes (r/w Sta. 827+52) (using salvaged cover and ring) (CIP);
  - (17) 1 each reconstructing manhole

- (r/w Sta. 824-80) (using new cover and ring) (CIP);
- (18) 1 each resetting manhole cover to grade (r/w Sta. 825-10) CII
  - (19) 20 each removal of trees;
  - (20) 13 each removal of tree stumps
  - (21) 3 cu. concrete catchbasins (No. 2) (CIP);
  - (22) 1 each standar survey monuments and covers (G-5) (CIP)
  - (23) 1 lump sum stand. wing haw wall (42-in. dia.) (C-4) (CIP);
  - (24) 532 tons cutback mix (CIP except cementing agent);
  - (25) 25 tons cutback asphalt (MC-4) (CIP);
  - (26) 12 tons emulsified asph. (Class A) (for Seal Coat) (CIP);
  - (27) 74 tons screenings (for seal coat) (CIP);
  - (28) 56 tons removal of combined curb and gutter;
  - (29) 193 tons salvaging and stock piling oil cake (CIP in stock pile).

Total bids follow:

- (A) Tanner Const. Co., 801 Security Bldg., Phoenix, \$13,790.20  
 (B) N. G. Hill & Co., Rt. 6, Box 551 Phoenix, \$16,916.40.  
 (C) Phoenix-Tempe Stone Co., Phoenix, \$17,265.54.  
 (D) W. E. Hall Co., Phoenix, \$17,625.35.  
 (E) Adams Bros., Contractors, Phoenix, \$17,792.70.  
 (F) Arizona Concrete Co., Phoenix \$19,081.20.  
 (G) Daley Corp., San Diego, Calif. \$21,143.81.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$ .30	\$.60	\$ 1.01	\$.60	\$ 1.25	\$.75	\$ .4
(2).....	1.50	2.00	1.69	1.50	3.00	1.50	1.2
(3).....	.40	.60	.81	.75	.75	1.25	1.8
(4).....	10	.30	.27	.20	.40	.40	.38
(5).....	1.50	4.00	2.02	2.00	2.50	2.50	3.00
(6).....	4.00	5.00	3.71	4.00	3.00	5.00	4.00
(7).....	15.00	30.00	22.95	10.00	25.00	14.00	30.00
(8).....	1.20	2.00	1.55	1.50	1.50	1.55	1.45
(9).....	1.00	1.50	1.21	.75	1.20	1.25	1.2
(10).....	1.30	2.00	1.35	1.50	1.40	1.40	1.5
(11).....	1.25	2.00	1.62	1.15	1.50	.90	2.40
(12).....	2.50	3.00	2.50	2.50	4.50	5.00	3.5
(13).....	10.00	8.55	10.72	10.50	10.25	12.00	12.00
(14).....	30.00	60.00	101.25	50.00	35.00	55.00	50.00
(15).....	15.00	10.00	13.50	25.00	15.00	15.00	12.00
(16).....	100.00	500.00	135.00	125.00	100.00	100.00	72.00
(17).....	100.00	200.00	135.00	100.00	65.00	115.00	72.00
(18).....	20.00	50.00	27.00	5.00	24.00	10.00	12.00
(19).....	2.00	2.00	6.75	5.00	3.00	5.00	10.00
(20).....	3.00	2.00	4.95	5.00	2.00	2.00	12.00
(21).....	500.00	1000.00	715.50	500.00	95.00	45.00	60.00
(22).....	10.00	50.00	20.25	15.00	15.00	10.00	30.00
(23).....	60.00	100.00	89.50	90.00	75.00	70.00	60.00
(24).....	2.00	2.00	2.23	4.75	4.00	4.50	6.00
(25).....	25.00	25.00	29.78	27.00	21.50	25.00	35.00
(26).....	36.00	36.00	45.29	43.00	30.00	35.00	40.00
(27).....	2.50	5.00	3.82	4.50	2.50	3.00	5.00
(28).....	.50	.20	.68	.25	2.00	.25	.90
(29).....	1.00	2.00	.95	1.70	1.00	1.50	2.00

#### COMPLETE BIDS

ALTURAS, Modoc County, Calif.—Fairbanks Morse Co., 35 Harrison St., San Francisco, at \$75,600, submitted low bid to the Surprise Valley Electrification Corporation, Allan Stekler, Engineer, Room 11, Bell Building, Alturas, for the construction of a 900-horsepower diesel electric generating plant for Surprise Valley Electrification Corp., Alturas. Estimated cost, \$90,000.

Work involves:

- (1) (a) Generating Unit No. 1, H.P.;  
 (b) Generating Unit No. 2, H.P.;  
 (c) Generating Unit No. 3, H.P.

(2) Cooling water equipment:

- (3) Air starting equipment;  
 (4) Air filters;  
 (5) Exhaust mufflers;  
 (6) Fuel oil equipment;  
 (7) Lubricating oil equipment;  
 (8) Miscellaneous equipment;  
 (9) Piping;  
 (10) Switchboard;  
 (11) Miscellaneous electrical.

Total bids follow:

- (A) Fairbanks Morse Co., 35 Harrison St., S. F., \$75,600.00  
 (B) Worthington Co., Inc., San Francisco, \$83,442.00  
 (C) Western Machinery Co., San Francisco, \$8,982.50

Unit prices follow:

#### STARK - RATH

Printing & Publishing Company  
 465 Tenth Street - San Francisco, Calif.  
 Telephone Market 7110

	(A)	(B)	(C)
(1) (a).....	(\$150) \$9,730.00	(\$225) \$15,566.00	(\$225) \$15,430.00
(b).....	(300) 15,370.00	(225) 15,566.00	(225) 15,430.00
(c).....	(450) 25,497.00	(450) 30,924.00	(450) 24,032.00
(2).....	3,933.00	4,240.00	6,829.00
(3).....	832.00	1,198.00	1,174.70
(4).....	604.00	405.00	539.00
(5).....	1,032.00	934.00	648.40
(6).....	1,700.00	1,588.00	4,124.20
(7).....	1,017.00	828.00	2,154.40
(8).....	1,196.00	1,105.00	1,338.50
(9).....	6,608.00	3,434.00	5,531.00
(10).....	6,301.00	6,300.00	7,027.00
(11).....	1,812.00	1,354.00	3,943.00

**LOS ANGELES COUNTY—SURFACING—(State)**

LOS ANGELES COUNTY, Calif.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at \$44,875.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for one mile surfacing with asphalt concrete between Atlantic Blvd. and New Ave., Monterey Park, Los Angeles.

Work involves:  
 (1) 400,000 gals. water.  
 (2) 1400 c.y. roadway excavation, unclassified;

- (3) 1200 tons imp. subgrade material.
- (4) 16,000 sq. yds. repairing subgrade
- (5) 32,000 sq. yds. asph. paint binder
- (6) 720 tons asphalt cement, Grade D asphalt concrete;
- (7) 6450 tons mineral aggregate, asphalt concrete base and leveling course;
- (8) 6320 tons mineral aggregate asphalt concrete, Type A surf.;
- (9) 30 each adjusting manholes to grade.

Total bids follow:

Los Angeles.....	\$44,875.50
Griffith Co., Los Angeles.....	48,855.80
W. E. Halal Co., Alhambra.....	47,794.00
Oswald Bros., Los Angeles.....	48,216.50
D. W. Thurston, Los Angeles.....	49,705.50
C. O. Sparks & Mundo Co., Los Angeles.....	50,322.00
J. E. Haddock, Ltd., Pasadena.....	51,885.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2.00	\$1.60	\$1.50	\$1.00	\$0.50	\$1.00	\$1.25
(2).....	.36	.45	.60	.55	.60	.75	1.00
(3).....	1.23	1.00	1.00	1.00	.90	1.00	1.05
(4).....	.10	.09	.10	.11	.10	.12	.10
(5).....	.015	.015	.015	.015	.015	.015	.015
(6).....	13.00	12.25	11.50	12.00	10.00	11.00	12.00
(7).....	2.30	2.61	2.60	2.65	2.85	2.80	2.75
(8).....	2.44	2.61	2.80	2.90	3.10	3.00	3.10
(9).....	12.50	10.00	10.00	5.00	10.00	10.00	21.50

- (10) 28,500 lf. removal of lining and coating from 36-in. steel pipe;
- (11) 150 lf. repair of holes in the steel pipe;
- (12) 269,000 sq. ft. application of bituminous enamel lining for steel pipe;
- (13) 271,000 sq. ft. application of bituminous enamel coating for steel pipe;
- (14) 271,000 sq. ft. felt wrapping on steel pipe;
- (15) 70 items 6 or 7 in specifications;
- (16) 30,000 lbs. fabrication of steel pipe specials;
- (17) 120 roundabout seams fabrication of bends in field;
- (18) 28,500 lf. installation of 36-inch pipe and pipe specials;
- (19) 4 10-inch flexible couplings furnished and installed;
- (20) 3,000 lbs. furnishing and installing steel saddle nozzles;
- (21) 2,000 lbs. furnishing and installing steel companion flanges;
- (22) 1,000 lbs. furnishing and installing miscellaneous steel work attached to pipe;
- (23) 13,500 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
- (24) 15 8-in., double-disc, non-rising stem gate valves, furnished and installed;
- (25) 8 10-in., double-disc, rising stem gate valves, furnished and installed;
- (26) 3 12-in., double-disc, non-rising stem gate valves, furnished and installed;
- (27) 1 12-in., double-disc, rising stem gate valve, furnished and installed;
- (28) 2 12-in., solid wedge, rising stem gate valves, furnished and installed;
- (29) 2 10-in. water meters, furnished and installed;
- (30) 26,000 lbs. cast iron pipe, gate valves, covers, flanges and fittings, furnished and installed;
- (31) 7,000 lbs. corrugated metal pipe culverts, furnished and installed;
- (32) 1,800 lbs. steel castings not covered by other items, furnished and installed;
- (33) 1,000 lbs. bolts, nuts and washers, furnished and installed;
- (34) 2,800 lbs. installing small valves furnished by the City;
- (35) 4,300 lbs. installing fittings furnished by the City to be riveted or welded to the pipe;
- (36) 13,000 lbs. large gate valves, furnished and installed;
- (37) installing 2,000 lbs. miscellaneous metal work, furnished by the City;
- (38) 31,000 c.y. excavation for pipe trenches up to 8 ft. depth;
- (39) 1,200 c.y. additional excavation for pipe trenches;
- (40) 200 c.y. excavation for footings and structures;
- (41) 3,700 cu. sandbackfill for excavation;
- (42) Remove, repair and/or replace 30 house sewer laterals;
- (43-44) No items 33 and 34 in specifications;
- (45) 50 c.y. Class A concrete;
- (46) 20 c.y. Class B concrete;
- (47) 10 bbls. extra cement;
- (48) 1,000 lbs. reinforcing steel;
- (49) 2,000 lbs. structural steel, furnishing and installing;
- (50) 1,000 sq. yds. painting miscellaneous structures;
- (51) 20,000 sq. ft. repavement;
- (52) Lump sum, furnishing and installing chain link fence.

**BUTTE CO.—BRIDGE REPAIRING & GRADING—(State)**

BUTTE COUNTY, Cal.—M. A. Jenkins, 3560 "Y" St., Sacramento, at \$24,295.50 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairing bridge over Feather River one mile west of Oroville, and grading and surfacing approximately 6.09 mile of roadway.

Work involves:  
 (1) 30 M. gals. water;  
 (2) 25 c.y. removing existing conc.;  
 (3) 10 c.y. rdwy. excav., unclass.;  
 (4) 25 c.y. struc. excav.;  
 (5) 2,100 c.y. imported borrow;  
 (6) 5 sta. yds. finish rdwy.;  
 (7) 1,100 sq. yds. subgrade prepared  
 (8) 229 c.y. Class A Portland cement concrete pavement;  
 (9) 432 each pavement dowel;  
 (10) 265 c.y. Class A Portland cement concrete struc.;  
 (11) 42,850 lbs. bar reinf. steel, pavement and struc.;

- (12) 100,200 BFM Douglas fir lumber;
- (13) 24,000 BFM dense select Redwood timber, all heart;
- (14) 16,000 BFM select all-heart Redwood lumber;
- (15) 5000 BFM salvage timber;
- (16) 1 lot. existing timber treated removed and disposed of;
- (17) 1 lot misc. items of work.

Total bids follow:

(A) M. A. Jenkins, 3560 "Y" Street, Sacramento, \$24,295.50
(B) C. W. Caletti & Co., San Rafael, \$24,845.00
(C) Lord & Bishop, Sacramento, \$24,927.85
(D) John Rocca, San Rafael, \$25,706.90
(E) Peter J. McHugh, San Francisco, \$25,667.50
(F) W. K. Van Bokkelen Const. Co., Oakland, \$28,411.90

Unit prices follow.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 2.50	\$ 1.50	\$ 2.50	\$ 1.00	\$ 2.00	\$ 2.00
(2)	5.00	3.00	4.00	8.00	5.00	4.00
(3)	2.00	1.00	1.50	2.00	1.50	1.00
(4)	2.00	2.00	1.50	2.00	3.00	1.50
(5)	.90	.50	1.50	.60	1.00	1.30
(6)	16.00	10.00	10.00	10.00	15.00	8.00
(7)	.25	.15	.40	.20	.15	.15
(8)	12.50	12.00	10.00	11.50	14.00	13.00
(9)	.25	.40	.30	.30	.25	.20
(10)	14.00	12.00	12.00	14.50	16.50	13.50
(11)	.05	.06	.055	.05	.05	.05
(12)	55.00	60.00	61.00	60.00	71.00	73.00
(13)	125.00	100.00	110.00	125.00	125.00	130.00
(14)	100.00	100.00	83.00	99.00	105.00	110.00
(15)	32.00	50.00	40.00	45.00	25.00	40.00
(16)	1500.00	2000.00	1000.00	1000.00	700.00	1800.00
(17)	1200.00	1837.00	500.00	800.00	1100.00	1450.00

- (18) 15 8-in., double-disc, non-rising stem gate valves, furnished and installed;
- (19) 8 10-in., double-disc, rising stem gate valves, furnished and installed;
- (20) 3 12-in., double-disc, non-rising stem gate valves, furnished and installed;
- (21) 1 12-in., double-disc, rising stem gate valve, furnished and installed;
- (22) 2 12-in., solid wedge, rising stem gate valves, furnished and installed;
- (23) 2 10-in. water meters, furnished and installed;
- (24) 26,000 lbs. cast iron pipe, gate valves, covers, flanges and fittings, furnished and installed;
- (25) 7,000 lbs. corrugated metal pipe culverts, furnished and installed;
- (26) 1,800 lbs. steel castings not covered by other items, furnished and installed;
- (27) 1,000 lbs. bolts, nuts and washers, furnished and installed;
- (28) 2,800 lbs. installing small valves furnished by the City;
- (29) 4,300 lbs. installing fittings furnished by the City to be riveted or welded to the pipe;
- (30) 13,000 lbs. large gate valves, furnished and installed;
- (31) installing 2,000 lbs. miscellaneous metal work, furnished by the City;
- (32) 31,000 c.y. excavation for pipe trenches up to 8 ft. depth;
- (33) 1,200 c.y. additional excavation for pipe trenches;
- (34) 200 c.y. excavation for footings and structures;
- (35) 3,700 cu. sandbackfill for excavation;
- (36) Remove, repair and/or replace 30 house sewer laterals;
- (37-38) No items 33 and 34 in specifications;
- (39) 50 c.y. Class A concrete;
- (40) 20 c.y. Class B concrete;
- (41) 10 bbls. extra cement;
- (42) 1,000 lbs. reinforcing steel;
- (43) 2,000 lbs. structural steel, furnishing and installing;
- (44) 1,000 sq. yds. painting miscellaneous structures;
- (45) 20,000 sq. ft. repavement;
- (46) Lump sum, furnishing and installing chain link fence.

Plans and specifications may be obtained at Room 603, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of \$10.00.

**32— SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS OPENED**

DALLES CITY, Ore.—C. A. Dunn, Klamath Falls, at \$137,218, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-34-64, for revising the sewer system and constructing pump houses and other concrete structures at Dalles City.

- Work involves:
- (1) 19,000 c.y. unclass. excav;
  - (2) 3,500 lf. 6-in. concrete or vitrified clay sewer pipe;
  - (3) 4,300 lf. 8-in. do.;
  - (4) 1,750 lf. 10-in. do.;
  - (5) 2,450 lf. 12-in. do.;
  - (6) 1,900 lf. 15-in. do.;
  - (7) 1,300 lf. 18-in. do.;
  - (8) 1,100 lf. 21-in. do.;
  - (9) 2,800 lf. 24-in. do.;
  - (10) 1,450 lf. 27-in. do.;
  - (11) 1,550 lf. 36-in. do.;
  - (12) 110 lf. 8-in. cast iron sewer pipe;
  - (13) 430 lf. 36-in. concrete culvert pipe;
  - (14) 400 lf. 6-in. clay drain tile;
  - (15) 3,300 lf. 8-in. clay drain tile;
  - (16) 820 lf. Class B concrete;
  - (17) 980 c.y. Class A concrete;
  - (18) 300,000 lbs. reinf. steel;
  - (19) 41 each, new concrete manholes, complete;
  - (20) 17 each, new concrete inlets, complete;
  - (21) 3,000 lf. piling below cutoff;
  - (22) 450 lf. piling above cutoff;
  - (23) 14,000 lbs. misc. ferrous metal;
  - (24) 1 job roofing, sheet metal, sash and doors;
  - (25) 1 job 5 sluice gates;
  - (26) 1 job electric lighting for pump houses, complete;
  - (27) 20 lf. 3-in. power conduit;
  - (28) 160 lf. 1½-in. power conduit;
  - (29) 40 lf. 1-in. power conduit;
  - (30) 150 lf. 30-in. concrete or vitrified clay sewer pipe;
  - (31) 3 automatic drainage gates.

Total bids follow:  
 C. A. Dunn, Klamath Falls ..... \$137,218.00  
 Parker-Schram Co., Portland ..... 154,459.00  
 MacRae Bros., Seattle ..... 168,336.00  
 Geo. W. Lind, Portland ..... 189,296.40  
 Kern & Kibbe, Portland ..... 192,476.60  
 L. Collicutt & Co., Seattle ..... 218,175.50  
 Macri Bros., Seattle ..... 264,199.50  
 L. Romano Engr. Corp., Se-

**BIDS WANTED**

DALLES CITY, Oregon.—Until October 6, 3 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-104, for designing, manufacturing, delivering and installing the sewage pumps for the Bonneville Project at Dalles City, Oregon.

- Work involves:
- (1) One 5 vertical electric motor-driven sewage pumps, and 2 vertical bilge pumps, installed;
  - (2) One 1 horizontal electric motor-driven sewage pumps and one bilge pump, installed.
- Plans and specifications may be obtained from the above office.

**BIDS OPENED**

PORT ANGELES, Wash.—Port Angeles Concrete Products Co., Fred C. Strange, Manager, Port Angeles, at \$13,327, submitted the only bid to the Port Angeles City Council, Belton Dodge city engineer, for concrete sewer pipe for S. Boulevard Sewer, Port Angeles.

**BIDS WANTED**

SAN MATEO, Calif.—Until Sept. 27, 8 p.m., bids will be received by the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, San Mateo, for (a) the construction of a reinforced concrete storm drain, 3

feet high by 6 feet wide, in Lodato Avenue; (b) the existing concrete culvert in the El Camino Real opposite Lodato Avenue be lowered 2½ feet and extended 15 feet to the northeasterly line of El Camino Real.

- Work involves:
- (1) 485 c.y. excav. of new work;
  - (2) 37 c.y. excav. under present culvert;
  - (3) 155 c.y. reinf. conc. in place complete;
  - (4) 18 c.y. reinf. conc., in place, existing culvert.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

ALBANY, Alameda Co., Cal.—John Pestana, 4039 Fruitvale Ave., Oakland, at \$10,048.55 submitted low bid to Albany City Council, City Clerk, Albany, for constructing a sewer in Cortland Avenue between Curtis and Masonic streets.

Awards by bids follow:  
 John Pestana, 4039 Fruitvale Ave., Oakland ..... \$10,048.50  
 Underground Const. Co. Berkeley ..... 11,303.50  
 Lee J. Immel, Berkeley ..... 11,484.75  
 Robt. B. McNair, Oakland ..... 12,343.50  
 M. J. McGuire and M. Heatter, Oakland ..... 18,835.00

**CONTRACT AWARDED**

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$14,670.28 awarded contract by the South San Francisco City Council, for the construction of a storm sewer in Linden and Grand Avenues.

**33— WATER WORKS**

**BONDS APPROVED**

SANGER, Fresno Co., Calif.—Voters of Sanger approved proposition authorizing issuance of \$50,000 bonds for extensions and improvements to municipal water system. Vote was 289 for, 140 against the bonds.

**BOND APPROVED**

SANGER, Fresno Co., Calif.—As previously reported, voters of Sanger

**GILA COUNTY—GRADING (State)**

GILA COUNTY, Ariz.—Lee Moor Contracting Co., El Paso, Texas, at \$27,555.27 submitted low bid to the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, for sub-grading 2½ miles at the highway junction about one mile east of Globe on the Globe-Showlow Highway, FA 99-B.

- Work involves:
- (1) 1 2.779 miles subgrading roadway and refinishing slopes;
  - (2) 14,755 c.y. select material (CIP);
  - (3) 5,512 tons aggregate base course (CIP);
  - (4) 376 M. gals. sprinkling (CIP);
  - (5) 152 hours rolling;
  - (6) 4,567 tons mineral agg. (CIP);
  - (7) 271 tons cutback asph. (MC-4) for road mix, seal coat and A S T) (CIP on road);
  - (8) 2 2.779 miles processing road mix;
  - (9) 449 tons screenings (CIP on rd).

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$950.00	\$1800.00	\$900.00	\$1500.00	\$500.00	\$1500.00	\$1400.00	\$1500.00	\$2300.00
(2)	50	40	52	40	63	45	54	50	55
(3)	68	58	70	60	80	85	66	70	55
(4)	2.50	1.50	2.00	3.00	2.50	2.25	2.50	2.50	4.00
(5)	3.00	4.00	3.00	4.00	3.00	2.50	3.00	4.00	4.00
(6)	68	64	76	60	80	85	66	75	70
(7)	26.00	24.50	24.00	30.00	23.00	25.00	28.00	27.00	23.00
(8)	500.00.00	600.00	450.00	600.00	660.00	500.00	500.00	550.00	450.00
(9)	2.50	3.00	4.00	4.00	3.50	4.50	4.00	5.00	4.00
(10)	5.00	2.00	1.00	4.00	2.00	2.00	2.50	3.00	5.00

approved proposition authorizing issuance of \$50 bonds for extensions and improvements to the municipal water system. Vote was 289 for, 140 against the bonds.

The fund provided will finance the drilling of a new well, new C.I. water mains for replacement and a 60,000-gallon storage tank.

J. R. Cain is the Chairman of the Sanger City Council Committee on water and sewers.

**CONTRACT AWARDED**

ANTIOCH, Contra Costa Co., Cal.—Fred J. Early, Jr., 369 Pine St., San Francisco, at \$9,527, was awarded contract by the Antioch City Council, J. E. McElheney, City Clerk, City Hall, Antioch, for the improvement of the Antioch Water Works, consisting of a new filter unit, renewal of filter beds in three present units installing baffles in sedimentation tanks, coagulant equipment and chlorinator at the water works pumping plant on the south shore of the San Joaquin River, and installing riser pipe to distributing tank.

**BIDS WANTED**

MODOC CO., Calif.—Until October 5, 2 p.m., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for extending the existing reinforced concrete box culvert and constructing a new reinforced concrete box culvert, near the east city limits of Alturas, Modoc County.

Plans and specifications may be obtained at the above office.

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**

UKIAH, Mendocino Co., Calif.—Until Oct. 14, 10 a.m., bids will be received by Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting grounds at the U. S. Post Office, Ukiah.

(10) 6 tons blotter material (for A S T) (CIP on road).

- Total bids follow:
- (A) Lee Moor Contr. Co., 205 Eassett Tower, El Paso, Texas, \$27,555.27
  - (B) W. E. Orr, Contractor, Prescott, Ariz., \$27,861.94.
  - (C) Tiffany Const. Co., Phoenix, \$28,350.94.
  - (D) Martin Const. Co., Tucson, \$29,471.30.
  - (E) N. G. Hill & Co., Phoenix, \$29,794.99.
  - (F) Southern California Roads Co., Los Angeles, \$30,798.40.
  - (G) Tanner Const. Co., Phoenix, \$30,694.94.
  - (H) Heuser & Garnett, Glendale, Cal. \$31,486.10.
  - (I) H. J. Hagen, Contractor, Globe, Ariz., \$32,157.00.

Unit prices follow:

ORANGE COUNTY—GRADING & PAVING—(State)

ORANGE COUNTY, Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$96,618.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 2.6 mi. grading and paving with Portland cement concrete Hampshire Avenue, between Coast Blvd. and Garfield St., Orange County.

- (1) 720 c.y. structural excav.;
- (2) 500 c.y. ditch and channel excavation;
- (3) 125,000 sq. yds. overhaul;
- (4) 187,000 sq. yds. overhaul;
- (5) 3,000 sq. yds. repairing sub-grade;
- (6) 139 sta. finishing roadway;
- (7) 40 tons liquid asphalt, SC-2 (prime coat);
- (8) 410 tons mineral aggregate class mix surfacing;
- (9) 25 tons liquid asphalt, ROMC-3 (plant-mixed surfacing);
- (10) 495 tons liquid asphalt, SC-2 (road-mix surface treatment);
- (11) 40,000 sq. yds. preparing, mixing, and shaping shoulders;

- (12) 6,400 c.y. Class A Portland cement concrete pavement;
- (13) 26,500 lbs. bar reinforcing steel pavement and structure;
- (14) 12,600 each, pavement dowels;
- (15) 18 c.y. Portland cement concrete structure;
- (16) 90 lf. 8-in. CMP.
- (17) 120 lf. 12-in. do.;
- (18) 210 lf. 18-in. do.;
- (19) 510 lf. 24-in. do.;
- (20) 10 lf. removing, cleaning and relaying pipe culvert;
- (21) 90 lf. removing, cleaning and salvaging pipe culvert;
- (22) 26 9 each, spillway assemblies;
- (23) 34 each, culvert markers.

Work involves:

- (1) 139 sta. clearing and grubbing;
- (2) 2100 M. gals. water;
- (3) 15 c.y. removing existing conc.;
- (4) 61,000 c.y. roadway excav., without class;

Total bids follow:

(A) J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena.....	\$96,618.50
(B) Daley Corp., San Diego.....	\$8,143.75
(C) Southern California Roads Co., Los Angeles.....	\$8,234.50
(D) Match Bros., Elshorn.....	\$8,463.50
(E) D. W. Thurston, Los Angeles.....	\$9,629.25
(F) Macco Constr. Co., Clearwater.....	\$9,678.50
(G) Oswald Bros., Los Angeles.....	\$9,799.00
(H) E. Paul Ford, East San Diego.....	\$9,878.00
(I) Sully-Miller Contr. Co., Long Beach.....	\$12,925.25
(J) N. M. Ball & Sons, Berkeley.....	\$12,971.00
(K) Griffith Co., Los Angeles.....	\$13,078.00
(L) Claude Fisher Co., Los Angeles.....	\$13,117.00
(M) C. O. Sparks & Mundo Engrg. Co., Los Angeles.....	\$16,093.00
(N) George R. Curtis Paving Co., Los Angeles.....	\$19,889.00
(O) L. A. Paving Co., Los Angeles.....	\$142,345.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1).....	\$10.50	\$15.00	\$6.00	\$12.00	\$10.00	\$5.00	\$12.00	\$5.00	\$20.00	\$5.00	\$8.50	\$15.00	\$30.00	\$18.00
(2).....	1.00	1.25	1.00	1.00	.65	.80	1.25	.60	1.25	.90	.90	1.00	.50	1.50
(3).....	4.00	5.00	5.00	2.00	3.51	5.00	3.50	6.00	3.00	5.90	3.50	30.00	3.00	5.00
(4).....	.21	.17	.24	.30	.20	.19	.25	.22	.245	.22	.30	.28	.24	.29
(5).....	1.20	.90	1.00	1.00	1.00	.75	1.25	.80	1.00	1.00	1.15	1.25	1.50	1.00
(6).....	.55	.80	.60	1.00	.50	.50	.50	.60	.75	.70	.85	1.00	.50	.60
(7).....	.01	.005	.003	.005	.005	.003	.005	.004	.005	.006	.005	.01	.005	.003
(8).....	.06	.0675	.06	.04	.08	.065	.07	.08	.06	10	.07	.08	.09	.066
(9).....	.09	.12	.13	.11	.08	.075	.10	.10	.15	.08	.09	.10	.10	.11
(10).....	10.00	5.00	4.00	5.00	3.00	3.00	6.00	6.00	10.00	5.00	3.50	5.00	10.00	5.00
(11).....	13.00	9.75	7.50	10.00	14.15	8.00	9.00	15.00	6.25	10.00	13.00	11.00	15.00	14.00
(12).....	3.00	2.75	3.00	3.00	2.70	4.50	3.00	3.00	3.00	3.00	3.35	3.30	3.00	3.90
(13).....	13.00	12.00	16.00	12.00	13.69	13.00	15.00	15.00	12.00	13.00	13.00	14.00	11.00	13.50
(14).....	6.50	7.55	7.50	6.60	8.25	8.00	7.00	7.00	6.25	9.00	7.00	6.00	8.50	8.20
(15).....	.08	.06	.05	.05	.05	.08	.045	.05	.045	.04	.05	.04	.05	.055
(16).....	7.60	7.90	7.70	7.85	8.05	8.40	7.65	8.60	7.98	7.65	7.90	7.50	7.75	8.48
(17).....	.08	.0875	1.0	.08	.075	.07	.075	.07	.07	.08	.075	.08	.06	.086
(18).....	.13	.15	.15	.125	.18	.16	.13	.13	.15	.15	1.35	1.5	.14	.15
(19).....	35.00	30.00	26.00	28.00	24.00	25.00	30.00	25.00	25.00	25.00	30.00	20.00	20.00	30.00
(20).....	.30	.25	.30	.50	.30	.20	.35	.50	.50	.30	.30	.20	.50	.25
(21).....	.30	.30	.35	.50	.30	.30	.40	.60	.50	.30	.35	.25	.60	.25
(22).....	.25	.40	.40	.60	.35	.40	.50	.70	.60	.40	.50	.40	.70	.40
(23).....	.45	.50	.50	.75	.45	.50	.60	1.00	1.00	.40	.50	1.00	.50	.60
(24).....	.50	.50	1.00	1.00	3.00	1.00	6.00	1.00	1.00	20	.50	1.00	.75	.50
(25).....	.40	1.00	1.00	1.00	.60	.75	.60	1.00	1.00	.50	5.00	5.00	10.00	6.00
(26).....	7.50	3.00	12.00	6.00	6.00	1.00	5.00	10.00	8.00	5.00	2.00	3.00	3.00	2.50
(27).....	2.50	2.50	3.00	3.00	2.50	2.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	2.50

MARIN CO.—BRIDGE REPAIRING—(State)

MARIN COUNTY, Calif.—Macco Const. Co., 815 Paramount Blvd., Clearwater, at \$40,208.00 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairing two bridges four miles north of Sausalito, one across Richardson Bay and tracks of Northwestern Pacific Railway and one across the Northwestern Pacific Railway tracks near Alto.

- (1) 75 tons broken stone bituminous macadam;
- (2) 4 tons liquid asphalt, 90-95;
- (3) 278,800 lbs. bar reinforcement;
- (4) 1,582 c.y. Class A Portland cement concrete;
- (5) 18,000 BFM dense select Redwood lumber, all heart structural grade;
- (6) 530 each counter-weight blocks;
- (7) 9 1/2 ft existing wheel guard raised 10 ft;
- (8) 1 lot misc. items of work.

- (9) W. K. Van Bokkelen Const. Co., Oakland, \$48,359.50
- (10) Bodenhamer Const. Co., Oakland, \$48,429.00
- (11) C. W. Caletti Co., San Rafael, \$48,685.00
- (12) F. Kuhn, Stockton, \$48,747.00
- (13) Carl N. Swenson, Stockton, \$51,394.50
- (14) E. L. Amoroso & Son, San Francisco, \$52,312.40
- (15) M. B. McGowan, Inc., San Francisco, \$53,831.00
- (16) Peter J. McHugh, San Francisco, \$56,575.00

Work involves:

- (1) 750 c.y. existing bit. surf. removed and disposed of;
- (2) 7,000 BFM existing timber removed and disposed of;

Total bids follow:  
 (A) Macco Const. Co., 815 Paramount Blvd., Clearwater, \$40,208.00  
 (B) Lee J. Immel, Berkeley, \$43,811.50  
 (C) John Roca, San Rafael, \$47,870.40

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$ 1.00	\$ 3.30	\$ 3.50	\$ 3.75	\$ 2.90	\$ 3.00	\$ 3.10	\$ 4.00	\$ 6.00	\$ 5.00	\$ 4.00
(2).....	20.00	85.00	100.00	10.00	10.00	10.00	21.00	57.00	20.00	50.00	18.00
(3).....	3.00	5.00	4.00	5.00	4.00	10.00	8.20	10.00	10.00	2.00	4.00
(4).....	22.50	30.00	30.00	25.00	21.00	20.00	30.00	30.00	26.00	2.00	20.00
(5).....	13	.055	.055	.05	.075	.07	.055	.06	.06	.055	.06
(6).....	11.50	11.75	14.50	13.50	11.50	15.00	14.50	13.00	17.70	10.00	10.57
(7).....	100.00	134.00	120.00	120.00	119.00	100.00	150.00	125.00	110.00	200.00	170.00
(8).....	4.00	2.60	2.30	2.00	2.50	2.00	2.00	2.05	1.50	2.00	2.00
(9).....	600.00	1600.00	800.00	2700.00	665.00	2500.00	1740.00	1710.00	2000.00	1000.00	800.00
(10).....	1000.00	700.00	800.00	1100.00	1200.00	101.00	800.00	3000.00	500.00	1100.00	1100.00

LASSEN COUNTY—GRADING & SURFACING—(State)

LASSEN COUNTY, Calif.—Mountain Construction Co. Sacramento, at \$198,757.70, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing 7.1 miles with crusher run base and plant-mixed surfacing between Coppervale and Susan River, Lassen County.

Work involves:

- (1) 41 acres clearing and grubbing right-of-way inside construction line;
- (2) 45 acres clearing right-of-way inside construction line;
- (3) 4500 M gal. water;
- (4) 220,200 c.y. roadway excavation without classification;
- (5) 1,250,000 sta. yds. overhaul;
- (6) 850 c.y. ditch and channel excavation;
- (7) 1800 c.y. struc. excav.;
- (8) 262 sta. finishing roadway;
- (9) 21,600 tons crusher run base;
- (10) 14,500 tons mineral aggregate

- (plant-mixed surfacing);
- (11) 770 tons liq. asph., ROMC-5 (plant-mixed surfacing);
- (12) 67 tons liq. asph., SC-2 (plain coat);
- (13) 85 tons liq. asph., ROMC-3 (field coat);
- (14) 900 tons stone screening (steel coat);
- (15) 3000 lbs. bar reinf. steel;
- (16) 57 cu. yds. Class A portland cement concrete structure;
- (17) 20 lf. 12-in. CMP;
- (18) 2028 lf. 18-in. do.;
- (19) 530 lf. 24-in. do.;
- (20) 158 lf. 30-in. do.;
- (21) 268 lf. 36-in. do.;
- (22) 58 lf. 42-in. do.;
- (23) 54 lf. 54-in. do.;
- (24) 156 lf. removing, cleaning and salvaging CMP;
- (25) 50 lf. removing, cleaning and relaying CMP;
- (26) 4 each, culvert headwalls removed and reset;
- (27) 108 each, culvert markers;
- (28) 68 each, monuments.

- Total bids follow:
- (A) Mountain Const. Co., Sacramento, to \$198,757.50.
  - (B) Geo. K. Thompson Co., Los Angeles, \$206,698.80.
  - (C) D. W. Thurston, Los Angeles, \$220,097.70.
  - (D) Hemstreet & Bell, Marysville, \$220,581.50.
  - (E) Fredericksen & Westbrook, Lower Lake, \$221,874.50.
  - (F) McNitt Bros., Eugene, Oregon, \$225,562.90.
  - (G) Heafey-Moore and Fredrickson and Watson and Fredrickson Bros., Oakland, \$226,734.60.
  - (H) Macco Const. Co., Clearwater, \$226,743.10.
  - (I) Union Paving Co., San Francisco, \$227,666.50.
  - (J) Harms Bros., Litchfield, \$239,699.95.
  - (K) George Pollock Co., Sacramento, \$240,711.00.
  - (L) Isbell Const. Co., Reno, Nevada, \$276,234.10.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$350.00	\$500.00	\$550.00	\$400.00	\$400.00	\$400.00	\$60.00	\$700.00	\$300.00	\$400.00	\$600.00	\$350.00
(2)	125.00	200.00	100.00	125.00	225.00	100.00	100.00	100.00	200.00	125.00	150.00	150.00
(3)	1.75	1.00	1.85	1.25	1.50	1.00	1.80	1.00	2.00	1.50	2.00	2.00
(4)	.32	.30	.33	.37	.34	.39	.38	.35	.35	.47	.36	.45
(5)	.003	.005	.005	.005	.005	.001	.005	.008	.007	.005	.005	.005
(6)	.80	.80	5.00	1.00	1.35	.75	1.00	1.00	1.00	1.00	1.00	1.25
(7)	1.50	1.50	1.00	1.50	1.25	1.50	1.80	1.50	1.50	1.50	1.50	1.50
(8)	7.00	6.00	5.00	5.00	8.75	8.00	7.00	10.00	6.00	6.00	10.00	10.00
(9)	1.35	1.75	1.65	1.75	1.50	1.90	1.70	1.50	2.10	2.10	1.80	2.50
(10)	1.75	1.80	1.90	2.00	2.00	2.20	1.80	1.80	2.30	2.50	2.40	3.00
(11)	22.00	18.75	25.00	19.00	25.00	22.00	21.00	21.00	25.00	22.00	21.00	21.25
(12)	21.00	18.60	21.60	22.50	18.00	20.00	19.50	19.00	19.00	19.00	17.00	19.50
(13)	25.00	24.00	25.00	24.00	25.00	30.00	24.00	25.00	25.00	25.00	23.00	26.00
(14)	4.00	3.50	4.25	3.50	5.00	4.00	3.00	5.00	5.00	4.00	4.00	4.50
(15)	.10	.06	.07	.08	.10	.10	.10	.10	.05	.08	.08	.08
(16)	35.00	25.00	30.00	35.00	32.00	30.00	30.00	30.00	35.00	.35	20.00	35.00
(17)	1.50	1.30	1.55	1.55	1.50	1.25	1.35	1.30	1.50	1.50	1.75	1.70
(18)	2.00	1.85	2.00	2.00	2.25	1.80	2.00	2.30	1.75	2.50	2.25	2.20
(19)	3.00	2.75	3.15	3.10	3.40	2.60	3.00	2.65	2.50	3.50	3.00	3.25
(20)	4.00	3.50	4.00	4.00	4.25	3.50	3.85	3.65	3.50	5.00	4.00	4.00
(21)	6.00	5.30	5.80	6.00	6.25	5.50	4.60	5.50	5.50	6.00	6.00	6.00
(22)	7.00	6.25	7.00	6.75	7.50	6.50	7.00	7.00	6.50	8.00	7.00	7.40
(23)	10.00	9.00	9.40	10.00	11.00	10.00	9.00	9.25	9.00	14.00	10.00	10.00
(24)	.75	.50	1.00	.75	1.25	1.00	1.00	.75	.50	1.00	.75	1.00
(25)	1.00	.90	1.00	1.00	1.50	2.00	1.25	1.00	1.00	1.00	1.00	1.00
(26)	20.00	15.00	15.00	10.00	25.00	15.00	12.00	20.00	10.00	10.00	10.00	10.00
(27)	3.00	2.50	3.00	2.50	4.00	3.00	2.50	3.00	3.00	3.00	3.50	3.50
(28)	3.50	2.50	3.00	3.00	4.00	3.00	3.00	4.00	2.00	3.00	3.50	3.50

PLUMAS COUNTY—GRADING—(State)

PLUMAS COUNTY, Calif.—Fredericksen & Westbrook, Lower Lake, at \$17,413.30, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading approaches to Spanish Creek Bridge near Quince, a distance of approximately 0.8 mile.

The work involves:

- (1) 60 M gal. water;
- (2) 25,500 c.y. roadway excav., uncl.;
- (3) 310,000 sta. yds. overhaul;
- (4) 2,800 c.y. surf. mat.
- (5) 550 c.y. excav. for ditch and channel;
- (6) 500 c.y. struc. excav.;
- (7) 39 sta. yds. finish rdwy.;
- (8) 10,690 lbs. bar reinf. steel;
- (9) 95 c.y. Class A cement concrete

- structures;
- (10) 88 lf. 24-in. CMP;
- (11) 220 lf. 30-in. CMP;
- (12) 92 lf. cleaning and salvaging pipe culvert;
- (13) 44 lf. lam. guard rail;
- (14) 8 each, culvert markers;
- (15) 2 each, clearance markers;
- (16) 15 each, monuments.

Rock & Gravel Trucking Co., Inc., Oakland, submitted a bid of \$15,077, which was disqualified as their check was insufficient.

Total bids follow:

- (A) Rock & Gravel Trucking Co., Inc., Oakland—\$15,077 (disqualified).
- (B) Fredericksen & Westbrook, Lower Lake—\$17,413.30.
- (C) W. K. Van Bokkelen Construc-

- tion, Oakland—\$18,386.40.
- (D) Young & Son Co., Ltd., Berkeley—\$19,170.
- (E) Hemstreet & Bell, Marysville—\$19,351.50.
- (F) Claude C. Wood, Stockton—\$19,520.
- (G) Harms Bros., Sacramento—\$19,615.
- (H) Fianza & Huntley, San Jose—\$20,912.25.
- (I) A. R. Maestretti, Stockton—\$21,629.10.
- (J) Guerin Bros., San Francisco—\$23,262.20.
- (K) Hanrahan Co., San Francisco—\$29,707.20.
- (L) J. J. McHugh, San Francisco—\$31,236.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$1.50	\$1.20	\$2.00	\$2.00	\$2.00	\$1.50	\$1.50	\$2.00	\$2.00	\$1.50	\$2.00	\$2.00
(2)	.245	.31	.46	.32	.44	.40	.47	.53	.60	.56	.56	.81
(3)	.005	.01	.005	.005	.005	.01	.005	.007	.005	.005	.02	.01
(4)	.85	.31	.65	1.75	.50	.50	.50	.53	.75	.90	1.60	1.25
(5)	1.00	1.32	.80	.50	.75	1.00	1.00	.70	.70	1.15	1.50	1.00
(6)	1.50	1.32	1.00	1.50	2.00	1.25	3.00	1.85	1.50	1.50	2.50	2.50
(7)	7.50	5.00	8.00	8.00	5.00	5.00	8.00	9.75	10.00	10.00	10.00	5.00
(8)	.08	.08	.07	.06	.06	.08	.08	.08	.08	.08	.0675	.07
(9)	24.50	32.00	22.00	28.90	30.00	30.00	38.00	28.00	32.00	28.00	30.00	35.00
(10)	2.75	3.60	3.30	3.00	3.50	3.50	3.50	3.70	3.50	3.90	3.00	4.00
(11)	3.50	4.25	3.70	3.75	4.15	4.50	4.50	4.40	4.50	4.50	4.00	5.00
(12)	1.00	1.00	1.25	.75	1.00	1.00	1.00	.70	.75	1.00	.60	1.50
(13)	2.00	2.50	2.00	1.50	1.50	1.50	1.50	1.50	2.00	2.00	2.00	3.00
(14)	2.00	3.50	3.00	3.00	3.00	3.00	3.00	2.00	3.00	3.00	3.00	4.00
(15)	3.00	3.50	3.00	4.00	4.00	15.00	15.00	5.50	4.80	3.00	7.00	10.00
(16)	3.50	3.50	3.00	3.00	4.00	4.00	3.00	2.00	3.00	3.00	3.00	5.00



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## LOS ANGELES CITY

LOS ANGELES, Calif.—Until Sept. 2, 2 p. m., bids will be received by Los Angeles Water & Power Purchasing Agent for 15 600-amp., 7500-volt, triple-pole, single throw oil circuit breakers; Spec. No. 2412.

LOS ANGELES, Calif.—Until Sept. 2, 2 p. m., bids will be received by Los Angeles Water & Power Purchasing Agent for pressure creosoted ties; Spec. No. 2411. Bids will be kept as follows:

- 1) 160 35-ft. poles;
- 2) 600 40-ft. poles;
- 3) 250 45-ft. poles;
- 4) 60 50-ft. poles;
- 5) 100 60-ft. poles;
- 6) 40 65-ft. poles;
- 7) 6 90-ft. poles.

LOS ANGELES, Calif.—Until Sept. 10, 10 A. M., bids will be received by Los Angeles Water & Power Purchasing Agent for 7500 volt automatic transfer equipment or two oil circuit breakers; No. 3703.

## WAR DEPARTMENT

SAN FRANCISCO.—Until Sept. 27, P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. Dorst, 401 Customhouse, San Francisco, for furnishing equipment and materials, as follows:

ID NO. 868-38-33: One station wagon on type truck; job bidder's selection.

ID NO. 868-38-34: Corrugated pipe; job reservoir site, Upper Level, Yerba Buena Island.

SACRAMENTO, Calif.—Until Sept. 8th, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. C. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

ID NO. 1105-38-83: Welding rods of various sizes; job Rio Vista.

ID NO. 1105-38-84: Mild steel and brass of various sizes; job Rio Vista.

FORT MASON, Calif.—Until Oct. 10 a. m., bids will be received by the Purchasing and Contracting Officer, Major D. Grove, Quartermaster Corps, Fort Mason, under Bid No. 28-38-83, for paper bags, metal polish, twine, rust compound, caustic soda, paint, etc.; f.o.b. Fort Mason.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Sept. 30, 2 p. m., bids will be received by the U. S. Engineer's Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-81, for furnishing bolts, nuts, washers of various types and sizes; f.o.b. Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO, Calif.—Until Sept. 30, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, for furnishing couplings, ma-

chine taps, fire hose, air hose, pipe, fire extinguishers and wire rope, fob Rio Vista.

FORT MASON, Calif.—Until Sept. 30, 10 a. m., bids will be received by the Purchasing and Contracting Officer, Major D. Grove, Quartermaster Corps, Fort Mason, San Francisco, under Bid No. 28-38-89, for marine motors, 25-40 horsepower, direct drive, 1100 r.p.m., at 32 hp.; delivered to Dock No. 2, Fort Mason.

Plans and specifications may be obtained from the above office. \* 25

## CONCHAS DAM

CONCHAS DAM, N. M.—Until Sept. 27, 11 A. M., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for 7200 ft. No. 18, 3-conductor, stranded, flexible, 600-volt, all-rubber sheath, for embedding in concrete. Bids are to be fob Newkirk, N. M.; Invt. No. W 911-38-32.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Sept. 31, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Room 504, 306 W 3rd St., Los Angeles, for furnishing oil drying and filtering outfits, electric ovens and filter paper, for the Colorado Aqueduct Pumping plants; Schs. 1 to 4, inclusive. Bid No. 88840.

LOS ANGELES, Cal.—Until Sept. 30, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing about 1500 ft. of 24-in. by 3/16-in. welded steel pipe and one circular grating door and frame about 9 ft. in dia., complete and ready for installation in the diversion tunnel of the Cajalco Dam. Spec. 249. Copies of the specification may be obtained at the office of the district, Room 1007, upon payment of \$1.00 per set, not returnable. Certified or cashier's check, 10%. F. E. Weymouth, general manager and chief engineer.

LOS ANGELES, Calif.—Until Oct. 14, 10 A. M., bids will be received by Metropolitan Water District, Los Angeles, for 15 oil-pressure sets for use in connection with pump discharge valves at Colorado River Aqueduct pumping plants. Spec. 242. Bids will be received on:

Schedule 1—Oil pressure sets complete with pressure tanks and sump tanks.

Schedule 2—Alternate to Sched. 1. Oil pressure sets without pressure tanks or sump tanks.

## CANAL ZONE

PANAMA CANAL ZONE.—Until October 1, 10:30 a. m., bids will be received by the Office of General Purchasing Officer, H. A. A. Smith, at the Panama Canal, Washington, D. C., under Sched. No. 3289, for furnishing galvanized metal roofing, asbestos-protected metal roofing and steel forms for reinforced concrete.

Specifications obtainable from the above office or Fort Mason.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until Sept. 28, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5181, for furnishing 50 abney levels, with cases; f.o.b. Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Calif.—Until Sept. 27, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

BID NO. 5182: Electrical supplies (rough and fixtures); fob Redding.

BID NO. 5187: 150 barrels Portland cement, fob Lemon Cove, Cal.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, 49 4th St., San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

SEPT. 28, 10 A. M.:

BID NO. 4518: Misc. drains, valves, bends, pipes, etc.; fob WPA Zoological Gardens, Sunset Dr. near Skyline, San Francisco.


SEPT. 29, 10 A. M.:

BID NO. 4516: Rental of one crawler type, diesel engine driven tractor; delivery Bear Creek Road project, 8 miles east of Boulder Creek;

BID NO. 4520: Steel bars and wire; fob Zoological Gardens, Sunset near Skyline Blvd., S. F.

SEPT. 30, 10 A. M.:

BID NO. 4519: Aluminum grille; fob Aquatic Park, Larkin and Beach Sts., San Francisco.



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# PACIFIC CONSTRUCTOR

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## DISCHARGE PIPE BIDS SCHEDULED BY COMMISSION

**Proposals on Sunset Reservoir  
Discharge Line to Open  
October 20**

Bids for construction of the 9,400-foot, 60-inch discharge line of the new Sunset Reservoir yesterday were called for October 20 by the San Francisco Public Utilities Commission.

Bids were called also for laying a 16-inch cast iron main in Van Ness avenue between North Point and Bay streets. Bids will be opened October 13. The contract calls for laying about 450 linear feet of cast iron pipe.

Pipe and fittings for the Sunset discharge line will be furnished by the San Francisco Water Department. The contract calls for installing the pipe with fittings, valves, and other appurtenances only.

The contract is the last in the PWA-S.F.W.D. program which added two major pipelines, three reservoirs and more than 125 miles of city pipelines to the San Francisco water system.

### Connects With Others

The discharge line will run from the new Sunset reservoir down 28th avenue to Kirkham street, and down Kirkham street to Seventh avenue. There, it will connect with existing pipelines.

Principal items include: fabrication, lining and coating 9,570 ft. of steel pipe; excavation and backfill for normal trench not over eight feet below official street surface for 9400 feet of 60-inch pipe; 57,000 square feet of repavement; and 1100 square feet additional pavement removal and replacement.

The cost of the work is officially estimated to exceed \$200,000.

Bids will be opened on October 20, the same day as bids are to be opened for construction of the \$260,000 peninsula pipeline. The latter job involves construction of a pipeline to Palo Alto to carry Hetch Hetchy water to peninsula towns. Bids were called Sept. 29.

## ELECTRIC SYSTEM CONTRACT IS LET

SACRAMENTO, Sept. 29.—Award of the contract for construction of an electric distribution system at the army's \$7,000,000 air depot near here was announced today by the office of Maj. Arthur W. Parker, Constructing Quartermaster.

The contract was let to Scott-Buttner Elec. Co., 2214 Webster street, Oakland. It was announced. The contract price is \$52,595, the amount at which the firm recently submitted low bid for the project.

## PREPARE PLANS FOR COMPLETION OF COULEE DAM

**6,500,000-Yard Concrete Pour  
Ready for Bids in the  
Near Future**

Bids for completion of Grand Coulee Dam probably will be invited early next month, according to recent advice from the Pacific Northwest.

In Washington, D. C., officials of the Bureau of Reclamation reported that plans and specifications were being completed in the Denver office.

Site work and site clearing already is completed, and because the arrangement will furnish reagent which will be chiefly a "mass concrete and placement" project.

The dam has been erected to about 200 feet above bedrock, and because of the 100-foot additional height it will be needed to bring it to the full height of 550 feet above bedrock.

A large contractor will not have been selected for processing of aggregate, which is included in his contract, it is reported. About 650,000 cubic yards of concrete will be needed under the contract and the contractor advertising in the

## STATE INVITES BIDS ON FOUR HIGHWAY JOBS

**Proposals for Bridges, Grading,  
Paving, Surfacing Set for  
October 20-21**

SACRAMENTO, Sept. 28.—The State Highway Commission today authorized four Division of Highways contracts for advertising, with bids scheduled to open October 20 and 21.

Proposals for two of the contracts will be opened here October 20, and bids on the remaining two projects will be received the following day at the office of the State Highway Engineer in Los Angeles.

Projects placed on the market today are located as follows:

**San Joaquin and Sacramento counties:** Construction of two reinforced concrete slab bridges across Dry Creek about one mile east of Galt. One of the bridges will consist of seven 22-foot spans, one 15-foot span and two 7-foot 6-inch spans supported by reinforced concrete pile bents. The other will consist of thirty-four 22-ft. spans, five 15-foot spans and two 7-foot 6-inch spans supported by reinforced concrete pile bents. Bids will open in Sacramento Oct. 20.

**Inyo County:** Grading and surfacing with plant-mixed surfacing about seven and four-tenths miles of highway, between Diaz Lake and Alabama Gates. Bids will be opened in Sacramento October 20.

**San Bernardino County:** Grading and paving with asphalt concrete and Portland cement concrete about 19.3 miles of highway. The work is located between the Los Angeles county line and Colton. Bids will be opened at the State Highway Engineer's office in Los Angeles October 21.

**Los Angeles County:** grading and surfacing with plant-mixed surfacing and Portland cement concrete about three and two-tenths miles, between Encinal Canyon and Trancas Beach. Bids will be opened in Los Angeles Oct. 21.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
853	Marcus	Bush	1800
854	Neil	Owner	2500
855	Rousseau	Owner	7000
856	Schultz	King	40000
857	Zukor's	Emanuel	6000
858	Caruthers	Tbulin	1500
859	Hoffman	Royal	1500
860	Jost	Corbell	5000
861	Jost	Corbell	5000
862	Nelson	Owner	3000
863	Nelson	Owner	5000
864	S. F. Bank	Larsen	2000
865	Hoick	Mills	2500
866	March	Barrett	2000
867	Montgomery	Owner	1000
868	Neil	Owner	3000
869	Norton	Cahill	10000
870	Vrabel	Owner	1000
871-2	Anderson	Owner	3800
873	Kaufman	Anderson	3200
874	Lauderdale	Foster	5200
875	Servel	Campbell	4000
876	Baker	Owner	3000
877	Bothin	Anderson	2000
878	Hackett	Nelson	1000
879	Liebman	Owner	4500
880	McCarthy	Aetna	4000
881	Pac. Diamond	Wagner	1000
882	Jade Palace	Sartoria	1000
883	S. F. Glass	Lumind	1000
884	Stonesson	Owner	10000
885	Tobiner	Coburn	1000
No.	Owner	Contractor	Amt.
886	Brown	Owner	1000
887	Murphy	Owner	36000
888	Nelson	Nelson	4000
889	Rousseau	Owner	6500

**ALTERATIONS**  
(853) 847 FILLMORE ST. Alter dwelling.  
Owner—Rose Marcus, 847 Fillmore.  
Contractor—John Bush, 1349 Clayton Street.  
Architect—Not Given. \$1,800

**DWELLING**  
(854) W BOUTWELL 205 N Agussa St. One-story and basement frame dwelling.  
Owner and Builder—L. M. Neil, 277-A San Jose Avenue.  
Architect—Not Given. \$2,500

**DWELLING**  
(855) W STEINER 27 S Broadway. Two-story and basement frame dwelling.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.  
Architect—Not Given \$7,000

**APT. HOUSE**  
(856) NE 27th AVE. and Fulton St. Three-story frame apt. house.  
Owner—Jos. Schultz, 723 Third St.  
Contractor—M. J. King, 231 Franklin Street.  
Architect—R. R. Irvine, 2048 Market.  
Engineer—Norman Green, 55 New Montgomery Street. \$40,000

**ALTERATIONS**  
(857) 923 MARKET ST. Alter store.  
Owner—Zukor's, 923 Market Street.  
Contractor—L. E. Emanuel, 2 6 6 5 Jones Street.  
Architect—H. F. Hunter, 629 S. Hill St., Los Angeles. \$6,000

**ALTERATIONS**  
(858) 2409 SCOTT ST. Alter apartments.  
Owner—W. H. Caruthers, c/o Contractor.  
Contractor—A. L. Thulin, 63 Brady St.  
Architect—Not Given. \$1500

**ALTERATIONS**  
(859) 935 FILLMORE ST. Alter flats.

Owner—Louis Hoffman, 129 Merced  
Contractor—Royal Showcase Co., 770 McAllister St.  
Architect—Not Given. \$1500

**DWELLING**  
(860) S. TURK ST., 425 E. WIL-LARD ST. Two-story and basement frame dwelling.

Owner—F. Jost, 1395 Haight St.  
Contractor—Corbell Realty Co., 1395 Haight St.  
Architect—Not Given. \$5000

(861) S. TURK ST., 250 E. WIL-LARD. Two-story and basement frame dwelling.

Owner—F. Jost, 1395 Haight St.  
Contractor—Corbell Realty Co., 1395 Haight St.  
Architect—Not Given. \$5000

**DWELLING**  
(862) W. MARKET, 193 S. IRON ALLEY. One-story and basement frame dwelling.

Owner—Fernando Nelson & Sons, 2901 19th Ave.  
Architect—Not Given. \$3000

**DWELLING**  
(863) W. 21ST AVE., 125 N EUCA-LYPTUS. One-story and basement frame dwelling.

Owner—Fernando Nelson & Sons, 2901 19th Ave.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(864) SW 7TH AVE. AND CLEM-ENT. Alter bank.

Owner—San Francisco Bank, Prem.  
Contractor—Larsen & Larsen, 629 Bryant St.  
Architect—Not Given. \$2000

**ALTERATIONS**  
(865) 520 CLAY ST. Alter factory.  
Owner—Ed. Hoick, 645 Russ Bldg.  
Contractor—Mills Const. Co., 645 Russ Bldg.  
Architect—Not Given. \$2500

**ALTERATIONS**  
(866) 782 MISSION ST. Alter store.  
Owner—Rose W. Marsh, c/o Contractor.

Contractor—Barrett & Hip, 918 Har-ison St.  
Architect—Not Given. \$2000

**ALTERATIONS**  
(867) 111 SUTTER ST. Alter office.  
Owner—Montgomery & Sutter Bldg. Co., 111 Sutter St.  
Architect—Not Given. \$1000

**DWELLING**  
(868) E. BOUTWELL, 805 N AU-GUSTA. One-story and basement frame dwelling.

Owner—Alex. Neil, 7 Bruce St.  
Architect—Not Given. \$3000

**FACTORY**  
(869) NE BAYSHORE AND SUN-NYDALE. One-story frame factory.

Owner—W. W. Norton, c/o Contractor.  
Contractor—Cahill Bros., 206 San-some St.  
Engineer—W. Adrlan, 417 Market St.  
\$10,000

**ALTERATIONS**  
(870) 964 EDDY ST. Alter rooming house.

Owner—Nicholas Vrabel, 43 Vernon St.  
Architect—Albert H. Larsen, 333 Kearny St. \$1000

**DWELLING**  
(871) N. WAWONA, 57 E. 17TH AVE. One-story and basement frame dwelling.

Owner—S. R. Anderson, 1433 7th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$3800

**DWELLING**  
(872) N. WAWONA, 31 E. 17TH AVE. One-story and basement frame dwelling.

Owner—S. R. Anderson, 1433 7th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$3800

**ALTERATIONS**  
(873) 238 29TH AVE. Alter dwell-ing.

Owner—Mr. Kaufman, c/o Contractor.  
Contractor—Fred Anderson, 815 25th Ave.  
Architect—Not Given. \$3200

**DWELLING**  
(874) S. KIRKHAM, 32 W. 46TH AVE. One-story and basement frame dwelling.

Owner—Ben M. Lauderdale, 531 How-ard St.  
Contractor—Stuart Foster, 28 Harry St.  
Architect—Not Given. \$5200

**DWELLING**  
(875) 45 CHATTANOOGA. One-story and basement frame dwelling.

Owner—Marie Servel, Prem.  
Contractor—F. L. Campbell, 30 Grat-tan Ave.  
Architect—Not Given. \$4000

**DWELLING**  
(876) W. FAXON, 200 N LAKE-VIEW. One-story and basement frame dwelling.

Owner—L. O. Baker, 1314 Plymouth Ave.  
Architect—B. K. Dobkowitz, 425 Mon-terey Blvd. \$3000

**ALTERATIONS**  
(877) 325 PACIFIC ST. Alter loft building.

Owner—Bothin Real Estate Co., 604 Mission St.  
Contractor—E. A. Anderson & Son, 1177 De Haro St.  
Architect—Geo. W. Travis, 604 Mis-sion St. \$2000

**ALTERATIONS**  
(878) 786 CAPP ST. Alter dwelling.  
Owner—Margaret Hackett, 893 Mis-sion St.  
Contractor—Norman Nelson, 234 Na-ples St.  
Architect—Not Given. \$1000

**DWELLING**  
(879) E. SANCHEZ, 57 S. 19TH ST. Two-story and basement frame dwelling.

Owner—B. Liebman, 3319 Fillmore St.  
Architect—I. Goldstein, 1200 Oak St. \$4500

**DWELLING**  
(880) SW TERESITA AND EVE-LYN WAY. One-story and basement frame dwelling.

Owner—The McCarthy Co., 333 Kear-ny St.

Contractor—Aetna Constr. Co., 1730 24th Ave. Architect—Not Given. \$4000

**ALTERATIONS**  
(881) 315 MAIN ST. Alter factory. Owner—Pacific Diamond Bag Co., Prem. Contractor—Geo. Wagner, 181 South Park. Architect—Not Given. \$1000

**ALTERATIONS**  
(882) 542-44 GRANT AVE. Alter restaurant. Owner—Jade Place, Prem. Contractor—Peter Sartorio, 3626 Webster St. Architect—Not Given. \$1000

**ALTERATIONS**  
(883) 5175 MISSION ST. Alter mar- gae. Owner—S. F. Glass Co., Prem. Contractor—Luminad Corp., 5835 3rd St. Architect—Not Given. \$1000

**DWELLING**  
(884) SW OCEAN, 479 E. 19TH AVE. One-story and basement frame dwelling. Owner—Stonson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 35 Vi- cente St. \$10,000

**ALTERATIONS**  
(885) 3434 JACKSON ST. Alter dwelling. Owner—Dr. Oscar Tobriner, Prem. Contractor—Ira W. Coburn, 2048 Mar- ket St. Architect—Hyman & Appleton, 68 Post St. \$1000

**ALTERATIONS**  
(886) 432 CALIFORNIA. Alter of- fices. Owner—Edw. Brown & Sons, 200 Bush St. Architect—Not Given. \$1000

**APARTMENTS**  
(887) SE GOLDEN GATE AND AN- NAPOLIS. Three-story frame apartments. Owner—John Murphy, 350 Claremont Blvd. Architect—H. C. Baumann, 251 Kear- ny St. Engineer—Jas. M. Smith, 251 Kearny. \$38,000

**DWELLING**  
(888) SW CORBETT, 85 N GRAY- STONE TERR. One-story and basement frame dwelling. Owner—Fernando Nelson & Sons, Inc., 2910 19th Ave. Contractor—Frank F. Nelson, Inc., 2 Edgell Wav. Architect—Not Given. \$4000

**DWELLING**  
(889) E. HUNTER WAY, 125 N OF BEACH. Two-story and base- ment frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny. Architect—Not Given. \$8500

**ALAMEDA COUNTY**

No. Owner	Contractor	Amt.
557 Berk Univ.	WPA	37000
558 Hatcher	Van Aalst	2500
559 Heraty	Jensen	2300
560 Hill	Owner	4000
561 Smith	Wilson	3250
562 Cannon	Graham	1500
563 Mahoney	Owner	2350
564 White	Netherly	4000
565 Dowling	Owner	4000
566 Huffman	Parsons	1500
567 Leslie	Amer Roof	1232
568 M. Murphy	Owner	2300
569 Pollard	Beckett	7000
570 Scanlon	Flagg	3000

571 Standard Oil	Owner	4000
572 Campanosi	Owner	8000
573 Freitas	Ghislief	3000
574 Pressler	Owner	5000
575 Sou Pac.	Owner	1400
576 Sou Pac.	Owner	2000
577 Grimshaw	Owner	5000
578 Brodie	Atkinson	1000
579 Gau	Jorgensen	3500
580 Gelthner	Ungaretti	1000
581 Johnson	Owner	2000
582 Rich	Rich	3500
583 Standard Oil	Indp. Iron	1200
584 Pac Grey.	Owner	2500
585 Rinkert	Owner	3750
586 Summit	Owner	1200
587 Wedgewood	Sigge	1000

**RECONSTRUCTION**  
(557) 1841 LE ROY, BERKELEY. Reconstruct Hillside School. Owner—Berkeley Unified School Dis- trict, 2325 Milvia. Contractor—WPA Project. Architect—Not Given. \$37,000

**DWELLING**  
(558) 5015 BERLIN WAY, OAK- LAND. One-story 4-room dwell- ing. Owner—G. Hatcher, 479 Merritt Ave. Contractor—W. Van Aalst, 2039 34th Ave. Architect—Not Given. \$2500

**DWELLING**  
(559) 5756 FLORENCE AVE, OAK- LAND. One-story 4-room dwell- ing. Owner—Phil Heraty, 488 Fairbanks Ave. Contractor—H. K. Jensen, 2757 Raw- son St. Also 1-story garage, \$200. Architect—Not Given. \$2300

**DWELLING**  
(560) 4162 35TH AVE, OAKLAND. One-story 5-room dwelling. Owner & Builder—Frank R. Hill, 3215 Grunvale Ave. Architect—Not Given. \$4,000

**DWELLING**  
(561) 1630 55TH AVE, OAKLAND. One-story 5-room dwelling. Owner—B. H. Smith, 4500 E. 14th St. Contractor—Roy Wilson, 4632 Bene- volence Ave. Architect—Not Given. \$3250

**ALTERATIONS**  
(562) 2120 SHATTUCK, BERKE- LEY. Alterations. Owner—Cannon Shoe Co., Prem. Contractor—Graham & Jensen, 728 35th Ave. San Francisco. Architect—Not Given. \$1500

**ADDITIONS**  
(563) 2409 McGEE, BERKELEY. Additions. Owner & Builder—O. T. Mahoney, Prem. Architect—Not Given. \$2350

**DWELLING**  
(564) 1137 MILLER AVE, BERKE- LEY. Two-story 6-room frame dwelling. Owner—A. M. White, Prem. Contractor—W. A. Netherly, 3853 Ly- man Road, Oakland. Architect—Not Given. \$4000

**DWELLING**  
(565) 4634 FAIR AVE, OAKLAND. One-story 5-room dwelling. Owner & Builder—S. J. Dowling, 2400 Clay St., Alameda. Architect—Not Given. \$4000

**ALTERATIONS**  
(566) 1810 CONGRESS AVENUE, OAKLAND. Alterations and ad- ditions. Owner—May Huffman, 4810 Congress Ave.

Contractor—Parsons and Williams, 2262 50th Ave. Architect—Not Given. \$1500

**RE-ROOF**  
(567) 1034 66TH AVE, OAKLAND. Re-roof. Owner—F. M. Leslie, 383 40th St. Contractor—American Roof Co., 383 40th St. Architect—Not Given. \$1232

**DWELLING**  
(568) 3336 SCHOOL STREET, OAK- LAND. One-story 3-room dwell- ing. Owner & Builder—James Murphy, Jr., 4844 Daisy St. Architect—Not Given. \$2300

**DWELLING**  
(569) 2644 LA CUESTA, OAKLAND. One-story 6-room dwelling. Owner—Leland C. Pollard, 410 Fair- mount Ave. Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. Architect—Not Given. \$7000

**DWELLING**  
(570) 2670 53RD AVE, OAKLAND. One-story 5-room dwelling. Owner—Thos. E. Scanlon, 3743 Loma Vista. Contractor—A. J. Flagg, 3743 Loma Vista. Architect—Not Given. \$3000

**SERVICE STATION**  
(571) 1430 SAN PABLO, BERKE- LEY. One-story 1-room service station. Owner & Builder—Standard Oil Co., 225 Bush St., San Francisco. Architect—Not Given. \$4000

**DWELLING**  
(572) 5887 MARGARITA DRIVE, BERKELEY. Two-story 7-room dwelling. Owner & Builder—E. Campanosi, 640 Broadway Terrace. Architect—Miller & Warnecke, 14th and Franklin Sts. \$5,000

**ALTERATIONS**  
(573) 581 33RD ST., OAKLAND. Alterations and additions. Owner—J. Freitas, Prem. Contractor—Mario Ghislief, 1312 Fountain St., Alameda. Architect—Not Given. \$3000

**DWELLING**  
(574) 3029 HYDE ST., OAKLAND. One-story 6-room dwelling. Owner & Builder—Walter Pressler, 1419 Excelsior Ave. Architect—Not Given. \$5000

**ALTERATIONS**  
(575) N FIRST ST, 100 WEST OF FALLON ST., OAKLAND. Al- terations and repairs. Owner & Builder—Southern Pacific Co., Oakland Pier. Architect—Not Given. \$1400

**ALTERATIONS**  
(576) NW COR 1ST AND FALLON STS, OAKLAND. Alterations & repairs. Owner & Builder—Southern Pacific Co., Oakland Pier. Architect—Not Given. \$2000

**ALTERATIONS**  
(577) 2720 DWIGHT WAY, BERKE- LEY. Alterations. Owner & Builder—Midline Grim- bay, 2914 Dwight Way. Architect—Not Given. \$5000

**ALTERATIONS**  
(578) 50 61ST ST, OAKLAND. Al- terations. Owner—Dale Meter Co., Prem. Contractor—E. E. Arkison, 6363 Red- wood Rd.

Architect—J. B. Anthony, 2252 Lakeshore Ave. \$1000

**DWELLING**  
(579) 2609 75TH AVE. One-story 5-room dwelling.  
Owner—R. W. Gau, Prem.  
Contractor—C. E. Jorgensen, 24 N. 21st St., San Jose. \$3500  
Architect—Not Given.

**ADDITION**  
(580) 3320 ROBINSON DR., OAKLAND. Addition.  
Owner—Rudolph Geithner, Prem.  
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd.  
Architect—Not Given. \$1000

**DWELLING**  
(581) 2520 ALIDA ST., OAKLAND. One-story 4-room dwelling.  
Owner & Builder—Roy M. Johnson, 962 Stanford Ave.  
Also 1-story garage, \$175.  
Architect—Not Given. \$2000

**DWELLING**  
(582) 3500 KINGSLAND AVENUE, OAKLAND. One-story 5-room dwelling.  
Owner—Mrs. G. Rich, 556 37th St.  
Contractor—James E. Rich, 556 37th St.  
Architect—Not Given. \$3500

**SERVICE STATION**  
(583) 4001 GRAND AVE., OAKLAND. One-story steel service station.  
Owner—Standard Oil Co., 1201 Financial Center Bldg.  
Contractor—Independent Iron Wks., 821 Pine St.  
1-story, steel lift bldg., \$2000.  
Architect—Not Given. \$1200

**ALTERATIONS**  
(584) 2047 SAN PABLO AVENUE, OAKLAND. Alterations.  
Owner—Pacific Greyhound Lines, 201 Pine St., San Francisco.  
Contractor—C. P. W. Jensen & Son, 320 Market St., San Francisco.  
Architect—Not Given. \$2500

**DWELLING**  
(585) 5920 LAIRD AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Otto Rinkert, 3469 Lynde St.  
Architect—Not Given. \$3750

**ALTERATIONS**  
(586) 400 29TH ST., OAKLAND. Alterations.  
Owner & Builder—Summit Medical Bldg., 525 Market St., San Francisco.  
Architect—Not Given. \$1200

**ALTERATIONS**  
(587) N. PERRY, 204 W. VERNON ST., OAKLAND. Alterations.  
Owner—E. Weidgand, 170 Perry St.  
Contractor—V. E. Sigge, 3912 Lincolnwood Ave.  
Architect—Not Given. \$1000

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
179	Hirshberg	Felds	
150	Garcia	Galway	3490
181	Fortin	Stevenson	2755
182	Lauderdale	Foster	5200
183	McCarthy	Duerner	5357
184	Gilmore	Gettins	9591
185	Bank America	Emanuel	4740

**APT. HOUSE**  
(179) N. MARKET ST. 198 West Church St. Three-story frame apartment house.  
Owner—Deborah Hirshberg, Oakland  
Architect—Not Given.  
Contractor—Murry F. Felds.

Filed, Sept. 23, '37. Dated, Sept. 22, '37.  
Payments not given.  
TOTAL COST, \$.....

**ALTERATION**  
(180) 114 SANTA PAULA. Alter dwelling.  
Owner—Margarite Garcia.  
Architect—H. C. Baumann.  
Contractor—Robert F. Galway.  
Filed, Sept. 23, '37. Dated, Sept. 22, '37.  
Progress payments.  
TOTAL COST, \$3,190.00  
Bond, \$1,745. Sureties, New Amsterdam Casualty Co. Limit, 45 days.  
Plans and specifications filed.

**APT. HOUSE**  
(181) N. TARAVAL 60 E. 14th Ave. First floor of contemplated 3-story frame apt. house.  
Owner—Louis and Lilian Fortin.  
Architect—Not Given.  
Contractor—L. H. Stevenson.  
Filed and Dated, .....  
Roof on ..... \$700.00  
Rough coat plaster, ..... 700.00  
Completion ..... 700.00  
Usual 35 days ..... 550.00  
TOTAL COST, \$2,755  
Limit, 90 days. Plans and specifications filed.

**DWELLING**  
(182) S. KIRKHAM, 32.6 W. 46TH AVE. One-story frame dwelling.  
Owner—Benjamin M. Lauderdale.  
Contractor—Stuart Foster.  
Filed Sept. 27, '37. Dated Sept. 24, '37.  
Frame up ..... \$1300  
Plastered ..... 1300  
Completion ..... 1300  
Usual 35 days ..... 1300  
TOTAL COST, \$5,200  
Forfeit, \$2 per day. Limit, 120 days.  
Plans and specifications filed.

**DWELLING**  
(183) LOT 1, BLK. 2959, SUBD. NO. 4, MIRALOMA PARK. One-story frame dwelling.  
Owner—The McCarthy Co.  
Contractor—Will Duerner, Jr., dba Aetna Constr. Co.  
Filed Sept. 27, '37. Dated Sept. 27, '37.  
Frame up—25%.  
Plastered—25%.  
Completion—25%.  
Usual 35 days—25%.  
TOTAL COST, \$5,357  
Limit, 90 days. Plans and specifications filed.

**SERVICE STATION**  
(184) SE SIXTH AND FOLSOM STS. Gasoline service station.  
Owner—Gilmore Oil Co. of Calif.  
Contractor—H. T. Gettins Co.  
Filed Sept. 27, '37. Dated Aug. 23, '37.  
TOTAL COST, \$9,591.00  
Bond, \$9,591. Surety, Glens Falls Indemnity Co.

**CABINET WORK**  
(185) NW CHESTNUT and Scott Sts. Cabinet work for bank fixtures and partitions.  
Owner—Bank of America N. T. & S. Association  
Architect—Not Given  
Contractor—L. & E. Emanuel, Inc.  
Filed, Sept. 25, '37. Dated, Sept. 23, '37.  
1st and 15th of each month ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$17,000  
Bond, \$17,000. Sureties, Standard Accident Ins. Co. Forfeit, \$20 per day.  
Limit, on or before Nov. 1. Plans and specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
120	Mtn View	Maurer	2200

**ALTERATIONS**  
(120) MOUNTAIN VIEW CEME-

TERY, OAKLAND. Alterations: Receiving Vaults Bldgs.  
Owner—Mountain View Cemetery Association.  
Contractor—Geo. J. Maurer.  
Filed Sept. 24, '37. Dated Sept. 23, '37.  
TOTAL COST, \$2300  
Limit, October 29, 1937. Plans and specifications filed.

### SAN FRANCISCO CO. PERMITS UNDER \$1000

FLUE, \$23; 431 Silver Ave.; owner: F. Jung, Prem.; contractor, John A. Marshall, 4447 Mission St.  
SIGN, electric, \$300; 1025 Market St.; owner, Mode O'Day Shop, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

GARAGE, 1-story class C, \$300; SW Market and Burnham Sts.; owner, Lou Edler, 4001 Market St.  
SIGN, electric, \$130; 737 Sutter St.; owner, Victor's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER dwelling, \$200; SW 17th and Shrader; owner, A. D. Layne, 690 Potrero Ave.  
ALTER dwelling, \$495; 337 Texas St.; owner, C. Russo, Prem.  
ALTER dwelling, 1476 Thomas Ave.; owner, G. Stefan, Prem.  
ALTER factory, \$750; 35 Gilbert St.; owner, L. H. Price, 35 Stillman St.

ALTER dwelling, \$350; 6298 3rd St.; owner, Frank Pasquan, 1516 Bayshore Blvd.; contractor, Pearson & Johnson, 2031 Bryant St.  
SIGN, electric, \$320; 91 Turk Street; owner, Holding Hotel Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUES, \$300; NE Villa Terrace and Gravestone Terr.; owner, M. Adams, Prem.; contractor, Portal Sheet Metal Supply Co., 301 West Portal Ave.  
owner, The Albion, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, \$150; 1400 Castro St.; owner, Cable Corner, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER dwelling, \$250; 18 Whitney St.; owner, Margaret Edwards, Prem.; contractor, Chas. Anderson & Son, 967 Haight St.

TOOL shed, \$200; SE Alemany Blvd. and St. Charles St.; owner, F. Figure, 202 Goettingen St.; contractor, John Oliva, 592 Vienna St.

GARAGE, private, \$650; W. 45th Ave., 75 N. Irving St.; owner, N. E. Wood, 1278 14th Ave.; contractor, Stuart Foster, 28 Harry St.

ALTER flats, \$300; 2527 Bryant St.; owner, A. Giusto, 11174 Alabama St.; contractor, Carl Frank Co., 205 Bocana St.  
BULKHEAD, \$175; NE Monterey Blvd and Baden; owner, Jas. E. Shean, 2536 Diamond St.

FLUES, \$250; W. 47th Ave., 200 S. Santiago; owner, J. Tignard, 2300 48th Ave.; contractor, Portal Sheet Metal Supply Co., 301 West Portal Ave.

ALTER hotel, \$150; 1390 California St.; owner, E. & J. Realy Co., Prem.  
SIGN, electric, \$250; 1566 Hyde St.; owner, Nettie Holmes, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER dwelling, \$200; 953 Edinburgh St.; owner, Marie Bergstrom, Prem.  
BILLBOARD, \$7; E. Van Ness Ave., So., 150 N. 17th St.; owner, Foster & Kleiser Co., 1675 Eddy St.  
ALTER dwelling, \$100; 71 Dorland; owner, Genevieve Locke, Prem.



# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | Offices                                     |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Firms                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and Theatres              |
| 8.—Club Buildings               | 17.—Wharves & Docks                         |
| 9.—Hotels                       | 19.—Misc. Const.                            |
| 10.—Hotels                      | 20.—Misc. Supplies & Jails                  |

### 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$40,000  
**SAN FRANCISCO.** NE 27th Ave. and Fulton St.  
 Three-story frame and stucco apartment building.  
 Owner—Jos. Schultz, 123 Third St.  
 Architect—R. R. Irvine, 2048 Market St.  
 Engineer—Norman Green, 55 New Montgomery St.  
 Contractor—M. J. King, 231 Franklin St.

**PLANS BEING FIGURED**  
**WEST LOS ANGELES.** Calif.—Dr. F. W. Acker, Rosalyn Hotel, Los Angeles, is taking bids from a closed, selected list of contractors for a 2-story brick and reinf. conc. apartment house (57 apts.) he will build on Linderoth Drive, West Los Angeles. Chas. C. Frye, 404 San Fernando Rd., Architect.

**TAKING SEGREGATED BIDS**  
**BEVERLY HILLS, Los Angeles Co., Cal.**—Architect Hiram J. Hamer, 6112 Wilshire Blvd., Los Angeles, has prepared plans and is taking segregated bids for two 6-unit frame and stucco apartment bldgs. to be built in Beverly Hills for a client.

**Contract Awarded**  
**APARTMENTS** Cost, \$16,750  
**FRESNO.** Fresno Co., Calif. 1476-82 Wishon Street.  
 Apartment building and garages.  
 Owner—Harry Ward, 3171 Balch St., Fresno.  
 Architect—Not Given.  
 Contractor—Walker & Walker, 437 Cornell St., Fresno.

**To Be Done By Day's Work.**  
**APARTMENTS** Cost, \$36,000  
**SAN FRANCISCO.** SE Golden Gate Ave. and Annapolis.  
 Three-story frame and stucco apartment building.  
 Owner and Builder—John Murphy, 350 Claremont Blvd.  
 Architect—H. C. Baumann, 251 Kearny Street.  
 Engineer—Jas. M. Smith, 251 Kearny.

### 3—CHURCHES

**Preparing Working Drawings**  
**CHURCH** Est. Cost, \$30,000  
**GUERNEVILLE, Sonoma Co., Cal.**  
 New luv church, cement plaster interior, tile roof.  
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
 Architect—John J. Peley, 770 Fifth Ave., San Francisco.

### PREPARING PLANS

**SNOWFLAKE, Navajo Co., Ariz.**—Architects Alexander & Burton, 918 Title & Trust Bldg., Phoenix, are preparing plans for a new two-story edifice to be built in Snowflake, for the Church of Jesus Christ of Latter Day Saints. Cost, \$50,000. Bids will be called in about 30 days.

### LOW BIDDER

**CORONA, Calif.** — Pinkerton and Jameson, 115 E 6th St., Corona, submitted low bid for construction of a Class C church building at Main and 8th Sts., Corona, for the First Baptist Church. Douglas McClellan, architect, 807 Architects' Bldg., Los Angeles.

### 4—FACTORIES & WAREHOUSES

**CONTRACT AWARDED**  
**OAKLAND, Alameda Co., Calif.**—J. Tulloch, 335 8th St., Oakland, at \$6,640, awarded contract by the Oakland City Council for the construction of a steel frame shed with corrugated metal roof and sides, to be constructed on pile foundation already in place.  
 Complete bids published Sept. 15.

**Contract Awarded**  
**FACTORY** Cost, \$10,000  
**SAN FRANCISCO.** NE Bayshore & Sunnydale.  
 One-story frame factory.  
 Owner—W. W. Norton, c/o Contractor  
 Engineer—W. Adriaan, 417 Market St.  
 Contractor—Cahill Bros., 206 Sansome St.

### BIDS OPENED

**MADERA CO., Calif.**—R. Hodgson & Son, 510 Second St., Porterville, at \$7550, submitted the only bid to the State Division of Highways, Department of Public Works, R. M. Gillis, District Engineer corner of Carruth and Olive Streets, Fresno, for the construction of maintenance station and buildings and appurtenances at the Coarsegold Maintenance Site, about 9 mile east of Coarsegold, Madera County.

Work involves:  
 (1) Truck shelter;  
 (2) One septic tank, small size;  
 (3) One lot service lines, etc.;  
 (4) Excavate or deduct all excavation of every description, unclassified;  
 (5) Add or deduct all Portland cement concrete.  
 Unit prices follow:  
 (1) \$6930.00  
 (2) 325.00  
 (3) 275.00  
 (4) 1.50  
 (5) 17.00

### BIDS WANTED

**KERN CO., Calif.** — Until October 14, 2 p.m., bids will be received by the State Division of Highways, R. M. Gillis, District Engineer, corner of Carruth and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances, about 26 1/2 miles south of Hakersfield. Kern Co.  
 Plans and specifications may be obtained from the above office.

**Sub Contracts Awarded**  
**ADMIN BLDG** Cost, \$ 50,000  
**EMERYVILLE, Alameda Co., Calif.**  
 Four-story reinforced concrete administration building.  
 Owner—Shell Development Co., 53rd

and Horton Sts., Oakland.  
 Plans by Eng. Dept. of Owner.  
 Contractor—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland.  
 Excavation—J. Catucci, 1212 15th Avenue, Oakland.  
 Plumbing—The Scott Co., 113 10th St., Oakland.

**Sub Contract Awarded**  
**ADDITION** Cost, \$50,000  
**SAN FRANCISCO, Calif.** Bayshore Blvd.  
 One-story steel frame addition to glue building, pile foundation, brick walls, glass brick, steel sash, protected metal roofing.  
 Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.  
 Architect—Farr & Ward, 68 Post St.  
 Structural Engineer—W. H. Ellison, 821 Market St.  
 Contractor—Barrett & Hlip, 918 Harrison St.  
 Structural Steel—Fair Mfg. Co., 617 Bryant St.

### PLANS BEING FIGURED

**MONTEALVO, Ventura Co., Calif.**—Until Oct. 7, 3 p.m., Architects Roy C. Wilson and Geoffry N. Lawford, are taking bids for additions to the packing plant at Montalvo for Sattroy Lemon Assn. Work will include addition of office, box shed and 2-story and basement storage room addition, 154x210 ft. in area. Est. cost, \$75,000 to \$100,000. Following contractors are figuring plans:

Harman & Co., 4540 Cutter St.; L. A. Contracting Co., 4516 W. Pico St.; Lynch Constr. Co., 730 E. Gage Ave.; Harvey Nicols, 936 E. Slauson Ave.; Chas. J. Dorfman, 124 N. La Brea Ave.; Rainey & McIsaac, 6624 Stanford St.; Wm. P. Neil Co., 4314 Loma Vista St.; Myers Bros., 3407 San Fernando Road, all of Los Angeles; Louis A. Geisler, 6212 Middleton Street, Huntington Park; Wm. T. Loesch & Son, 119 E Union St., Pasadena; W. H. McCune, 232 N. Myrtle Avenue, Monrovia; Whittaker & Snook, 40 S. Los Robles Ave., Pasadena; Hansen & Izar, 1276 E. Main St., Ventura; H. R. Graham, 2301 Castello Avenue, Santa Barbara; J. & B Constr. Co., 5575 1/2 Valley Blvd., Los Angeles. All work included in general contract except steam plant and electrical work.

### 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**SERVICE STATION** Cost, \$9,591  
**SAN FRANCISCO.** SE 6th and Folsom Sts.  
 Gasoline Service Station.  
 Owner—Gilmore Oil Co. of Calif.  
 Plans by Eng. Dept. of Owner.  
 Contractor—H. T. Gettins Co., 263 19th St.

### 7—FEDERAL BUILDINGS

**Appropriation Authorized**  
**BARACKS, ETC.** Cost, \$179,000  
**TRIPLEX GENERAL HOSPITAL.**  
**T H**  
 Barack Medical detachment (\$176,000) Telephone construction (\$3,000).  
 Owner—U. S. Government.  
 Plans prepared by Quartermaster General, Construction Division, Washington, D. C.  
 Appropriation authorized in Congressional act authorizing appropriation of \$25,547,156 for construction rehabilitation at various military posts.

Complete Bids  
POST OFFICE  
HELPER, Utah.  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Wash-  
ington, D. C.  
Low Bidder—Newstrom and Davis,  
Denver—\$44,700.

Complete bids follow:  
Newstrom & Davis, Denver, Colo.—  
(Item A) \$44,700, (Alt A) add \$150,  
(Alt B) ded \$550.  
Bell-Stafford Constr. Co., Groes-  
beck, Texas—(Item 1) \$45,500, (Alt A)  
—, (Alt B) ded \$700.  
L. F. Dow Co., Los Angeles, Cal.—  
(Item 1) \$46,761, (Alt A) add \$300,  
(Alt B) ded \$900.  
Fred R. Comb Co., Minneapolis,  
Minn.—(Item 1) \$51,916, (Alt A) add  
\$100, (Alt B) ded \$750.

Chris Bernston Co., Salt Lake City,  
Utah—(Item 1) \$52,655, (Alt A) add  
\$125, (Alt B) ded \$346.  
Geo. A. Whitmeyer & Sons Co., Ogden,  
Utah—(Item 1) \$53,409, (Alt A)  
add \$202, (Alt B) ded \$850.  
Blanner Constr. Co., Chicago, Ill.—  
(Item 1) \$53,800, (Alt A) —, (Alt B)  
ded \$600.

MacDonald Constr. Co., St. Louis,  
Mo.—(Item 1) \$56,168, (Alt A) add  
\$270, (Alt B) ded \$800.  
James J. Burke & Co., Salt Lake  
City—(Item 1) \$59,840, (Alt A) add  
\$200, (Alt B) ded \$860.

Appropriation Authorized  
BARRACKS, ETC. Cost, \$138,500  
FORT McARTHUR, Los Angeles Co.,  
Calif.  
Barracks and Utilities building (\$137,-  
500); telephone construction (\$1,-  
000).

Owner—U. S. Government.  
Plans prepared by the Quartermaster  
General, Construction Division,  
Washington, D. C.

Above work included in Congressional  
act authorizing appropriation of  
\$25,587,456 for construction rehabili-  
tation at various military posts.

Appropriation Authorized  
PANAMA Canal Zone.—Authori-  
zation to appropriate \$3,067,800 for  
construction rehabilitation and instal-  
lation at various military posts in  
the Canal Zone, was included in  
an act of Congress authorizing total  
appropriation of \$25,587,456 for such  
work in the United States, Territory  
of Hawaii, and the Canal Zone.

#### BIDS WANTED

WOODLAND, Yolo Co., Calif.—Un-  
til October 19, 10 a. m., bids will be  
received by the Procurement Divi-  
sion, Public Buildings Branch, Wash-  
ington, D. C., for concrete lot copings  
at the U. S. Post Office at Wood-  
land. Drawings and specifications  
obtainable from the above office and  
from the Custodian of the Building  
at Woodland.

#### CONTRACTS AWARDED

SAN PEDRO, Los Angeles Co., Cal.  
—Robert E. McKee, Central Bldg.,  
Los Angeles, at \$110,000, awarded  
contract by the Procurement Divi-  
sion, Washington, D. C., for a work  
shop and storage building addition to  
the Federal jail in San Pedro.

Otis Elevator Company, at \$3,239,  
awarded contract for freight elevator  
number one and William A. Miller  
Machine & Elevator Co., at \$5019,  
awarded contract for freight eleva-  
tor number two.

Contract Awarded  
POST OFFICE Cont. Pr. \$48,258  
MAYWOOD, Los Angeles Co., Calif.  
United States Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect,

Treasury Department, Wash-  
ington, D. C.  
Contractor—Campbell Constr. Co.,  
5385 Alhambra Ave., Los Ange-  
les.  
Complete bids published Sept. 27.

Appropriation Authorized  
BARRACKS, ETC. Cost, \$593,870  
SAN FRANCISCO, The Presidio.  
Barracks to accommodate 250 men  
(\$275,000); barracks, Quartermas-  
ter and detachments (\$275,000);  
non-commissioned officers' quar-  
ters (\$38,000); telephone construc-  
tion (\$5,000).

Owner—U. S. Government (Capt. S.  
W. Hulse, Constructing Quarter-  
master, San Francisco and Vicinity,  
Fort Mason).

Plans prepared by the Quartermaster  
General, Construction Division,  
Washington, D. C.

Above work included in Congres-  
sional act authorizing appropriation  
of \$25,587,456 for construction rehabi-  
litation at various military posts.

#### BIDS WANTED

SAWTELLE, Los Angeles Co., Cal.  
—Until Nov. 9, 1:30 P. M., bids will  
be received by the Veterans' Admin-  
istration, 764 Arlington Bldg., Wash-  
ington, D. C., for a one-story rein-  
forced concrete building, approxi-  
mately 80x120 ft. in area, to be  
built at the Veterans' Administra-  
tion Facility, Sawtelle. Plans ob-  
tainable from the Supervising Su-  
perintendent of Construction, Veter-  
ans' Administration Facility, Palo  
Alto; no deposit required.

#### BIDS REJECTED

RENO, Nev.—The Veterans' Ad-  
ministration, 764 Arlington Building,  
Washington, D. C., rejected all bids  
received August 31 for construction  
of Treatment Bldg., No. 1, at the  
Reno, Nevada, Veterans' Administration Facility.

Separate bids were received for (1)  
general construction, and (2) elec-  
tric elevator.

Schuler & McDonald, Inc., 1719 16th  
St., Oakland, at \$106,713, submitted  
low bid for general construction;  
Kimball Bros. Co., Council Bluffs,  
Iowa, at \$7,400, submitted low bid  
for elevators.

Complete bids were published Sept.  
2, 1937.

#### Bids Rejected

POST OFFICE Cost, \$.....  
LIHUE, Kauai, T. H.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Wash-  
ington, D. C.

George E. Freitas, 95-B Campbell  
Bldg., Honolulu, at \$65,000 submit-  
ted low bid. However, all bids were  
rejected and plans will be rede-  
signed and project re-advertised.  
Complete bids published Sept. 7.

#### BIDS WANTED

SANTA MONICA, Los Angeles Co.,  
Calif.—Until October 13, bids will be  
received by the Procurement Divi-  
sion, Public Buildings Branch, Wash-  
ington, D. C., for plaster models for  
the U. S. Post Office at Santa Monica.

#### Preparing Preliminary Plans

IMMIGRATION STATION Cost, \$4,250,000  
SAN FRANCISCO, Calif. Sansone  
St., between Washington & Jack-  
son Sts.

Eight or nine-story building to house  
Appraisers' offices on entire first  
floor, and Immigration Station.

Owner—U. S. Government.  
Architect—Procurement Division,  
Public Buildings Branch, Wash-  
ington, D. C.

The existing Appraisers' Stores  
Building at the rear of the Customs  
House will be demolished and the  
new building constructed on the site.  
The Treasury Department approved  
allotment of funds to finance work.

#### Complete Bids

POST OFFICE Cost, \$.....  
AUBURN, Placer Co., Calif.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Wash-  
ington, D. C.

Low Bidder—L. F. Dow, 1243 25th St.,  
Santa Monica.

Complete bids follow:  
L. F. Dow Co., 1243 25th St., Santa  
Monica, (Item 1) \$56,543; (Alt  
A) add \$900.

Schuler & McDonald, Inc., Oakland,  
(1) \$57,730; (A) add \$2,260.  
Brunzel & Jacobson, Los Angeles, (1)  
\$58,747; (A) add \$1,130.

K. E. Parker Co., San Francisco,  
(1) \$59,407; (A) add \$1,625.  
Robert McCarthy, San Francisco (1)  
\$62,328; (A) add \$2,000.

Viesko & Hannaman, Salem, Ore.,  
(1) \$62,552; (A) add \$10,000.  
Campbell Const. Co., Sacramento, (1)  
\$64,000; (A) add \$3,600.

Nels A. Anderson, Los Angeles, (1)  
\$66,000; (A) add \$4,000.

#### Complete Bids

POST OFFICE Cost, \$.....  
SHELTON, Mason Co., Wash.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Wash-  
ington, D. C.

Low Bidder—A. F. Mowatt, 1331 3rd  
Ave., Seattle.

Complete bids follow:  
A. F. Mowatt, Seattle, (Item 1) \$59,-  
230; (Alt. A) —; (Alt. B) add  
\$300.

MacDonald Const. Co., St. Louis, (1)  
\$61,323; (A) add \$26; (B) add  
\$325.

Jas. I. Barnes Const. Co., Spring-  
field, Mo. (1) \$60,601; (A) —; (B)  
add \$300.

Western Const. Co., Seattle, (1) \$61,-  
980; (A) add \$94; (B) add \$244.

Marshall L. Erickson, Seattle, (1) \$64,-  
391; (A) add \$928; (B) add \$400.

L. F. Dow Co., Santa Monica, (1)  
\$65,000; (A) add \$400; (B) add  
\$300.

S. S. Mullins, Inc., Hoquiam, Wash.,  
(1) \$65,356; (A) ded \$50; (B)  
add \$400.

Standard Const. Co., Seattle, (1) \$71,-  
569; (A) add \$100; (B) add \$235.

Harry Boyer Son & Co., Olympia,  
Wash., (1) \$71,750; (B) add \$110;  
(B) add \$275.

#### BIDS WANTED

TRACY, San Joaquin Co., Calif.—  
Until October 26, 10 a. m., bids will  
be received by the Procurement Divi-  
sion, Public Buildings Branch,  
Washington, D. C., for insect screens  
in the U. S. Post Office at Tracy.  
Drawings and specifications may be  
obtained from the above office and  
from the Custodian of the Building.

#### Contract Awarded

OFFICE BLDG. Cont. Pr. \$12,200  
KENNETT DAM, Calif. Nine miles  
N of Redding, Government Camp  
at Kennett Dam, Central Valley  
Project.

Office building (45x102-ft.) concrete  
basement and vault, wood siding  
exterior composition, shingle roof-  
ing and wallboard interior. Spec.  
948-D.

Owner—U. S. Govt., Bureau of Rec-  
lamation, 206 Old Post Office  
Bldg., 7th and W Sts., Sacramento  
Contractor—N. A. Anderson, 111 W  
7th St., Los Angeles.

Complete bids published Aug. 10.

**CONTRACT AWARDED**

SAN FRANCISCO.—Paragon Elec. Co., 49 Geary St., at \$3,974 awarded contract by the Procurement Division, Washington, D. C., for communicating and buzzer system in the Federal Office Bldg., San Francisco. Complete bids published Sept. 13.

**Low Bidders**

POST OFFICE Cost, \$.....  
 HELPER, Utah.  
 United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect of Treasury Dept., Washington, D. C.

Low Bidder—Newstrom and Davis, Denver, \$44,700.  
 Second low bid submitted by Bell Stafford Const. Co., Groesbeck, Tex., at \$45,500.

**BIDS WANTED**

SAWTELLE, Los Angeles Co., Cal.—Until Nov. 9, 1:30 P. M. (as previously reported) bids will be received by the Veterans' Administration, 764 Arlington Bldg., Washington, D. C., for a one-story reinforced concrete garage building No. 223, approximately 80x120 ft. in area, to be built at the Veterans' Administration Facility, Sawtelle.

Work will include excavating, reinforced concrete, waterproofing, masonry work, ceramic tile, asphalt floor, steel and iron work, steel stairs, steel sash, built-up roofing, roof ventilators, metal studs, wall board, carpentry, insulation, insect screens, painting, glazing, hardware plumbing, heating, electrical work, outside concrete connections, etc.

Plans obtainable from the Construction Service, Room 764, Arlington Bldg., Washington, D. C., and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

**BIDS WANTED**

MONROVIA, Los Angeles Co., Cal.—Until Nov. 4, 1 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for construction of the U. S. P. O., at Monrovia.

Drawings and specifications may be obtained from the above office. No deposit for one set of plans.

**BIDS WANTED**

SNOHOMISH, Wash.—Until Nov. 4 1 P. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of the U. S. P. O. at Snohomish.

Drawings and specifications may be obtained from the above office. No deposit for one set of plans.

**Complete Bids**

POST OFFICE Cost, \$.....  
 LAKEVIEW, Lake Co., Oregon.  
 United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Low Bidder—Jas. L. Barnes, Springfield, Mo., \$121,900.

Complete bids follow:  
 James I. Barnes, Const. Co., Springfield, Mo., (Item 1) \$121,900; (Alt. A) .....; (Alt. B) add \$450.  
 Benjamin H. Sheldon, Kellogg, Idaho, (1) \$123,695; (A) add \$1,500; (B) add \$2,000.  
 L. T. Dorey Co., Los Angeles, (1) \$127,000; (A) add \$500; (B) add \$500.  
 L. H. Hoffman, Portland, (1) \$135,500; (A) add \$500; (B) add \$650.  
 Herbert Hammond Engr. Co., Portland, (1) \$135,750; (A) add \$1,400; (B) add \$600.  
 Fred R. Comb Co., Minneapolis, Minn., (1) \$137,994; (A) add \$1,620; (B)

add \$740.  
 Brotherstrom Const. Co., Klamath Falls, Ore., (1) \$146,223; (A) add \$2,345; (B) add \$1,026.  
 E. and E. J. Pfozter, Philadelphia, (1) \$145,300; (B) add \$1,600; (B) add \$1,000.  
 B. A. Howkins & Co., San Francisco, (1) \$155,000; (A) .....; (B) add \$1,000.

**Complete Bids**

POST OFFICE Cost, \$.....  
 MAYWOOD, Los Angeles Co., Calif.  
 United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Low Bidder—Campbell Const. Co., 5388 Alhambra Ave., Los Angeles \$48,258.

**Complete bids follow:**

Campbell Const. Co., L. A. .... \$48,258  
 A. Beyer Corp., L. A. .... 50,233  
 Sarver & Zoss, Inc., L. A. .... 50,800  
 Burnzel & Jacobson, L. A. .... 52,596  
 Campbell & Kelly, L. A. .... 52,920  
 J. I. Barnes Const. Co., Springfield, Mo. .... 53,123  
 Chas. J. Doring, L. A. .... 53,690  
 F. F. Dow Co., Los Angeles .... 53,461  
 Archibald & Singleton, L. A. .... 54,458  
 T. P. Schultz, Compton .... 57,719  
 R. J. Baum, Los Angeles .... 58,900  
 Whittaker & Snook, Pasadena 59,000  
 L. A. Geisler, Huntington Pk. 59,072  
 Duff & Vandenoogen Company, Long Beach ..... 59,580

**BIDS OPENED**

SANTA BARBARA, Cal.—Rothgeb Bronze Works, 6225 Wilmington Avenue, Los Angeles, at \$270 submitted low bid to the Procurement Division, Washington, D. C., for bronze handrails in the U. S. P. O. at Santa Barbara.

Complete bids follow:  
 Rothgeb Bronze Works, L. A. \$270.00  
 R. W. Taylor, Long Beach ..... 353.00  
 Imperial Bronze Co., Washington, D. C. .... 378.00  
 Anchor Post Fence Co., S. F. .... 406.00  
 Hendy Mechanical Wks. Santa Barbara ..... 499.00  
 Usona Mfg. Co., St. Louis ..... 499.00  
 Newman Bros., Inc., Cincinnati 595.00  
 M. Greenberg's Sons, S. F. .... 595.00  
 Nick Hemminga, San Francisco 620.00

**BIDS WANTED**

PORT TOWNSEND, Wash.—Until October 15 bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for miscellaneous changes at the U. S. Quarantine Station at Port Townsend.

Appropriation Authorized  
 HOSPITAL, ETC. Cost, \$500,500  
 FORT HUACHUCA, Arizona.  
 Hospital building to contain 50 beds, 32 medical detachments (\$225,000); barracks building to accommodate 250 men (\$275,000); telephone construction (\$500).  
 Owner—U. S. Government.  
 Plans prepared by Quartermaster General, Construction Division, Washington, D. C.

Above work included in Congressional act authorizing appropriation of \$255,847,456 for construction rehabilitation at various military posts.

Appropriation Authorized  
 BARRACKS, ETC. Cost, \$2,049,300  
 SCHOFFIELD BARRACKS, T. H. Barracks, 11th Field Artillery (\$1,252,000); Barracks, Detachments (\$189,300); Barracks, Detachments (\$283,800); telephone construction (\$11,000).  
 Owner—U. S. Government.  
 Plans prepared by the Quartermaster General, Construction Division, Washington, D. C.  
 Above work included in Congress-

sional act authorizing appropriation of \$25,587,456 for construction rehabilitation at various military posts.

Appropriation Authorized  
 BARRACKS, ETC. Cost, \$825,000  
 FORT SHAFTER, T. H. Barracks building (\$825,000); telephone construction (\$2,500).  
 Owner—U. S. Government.  
 Plans prepared by the Quartermaster General, Construction Division, Washington, D. C.  
 Above work included in Congressional act authorizing appropriation of \$25,587,456 for construction rehabilitation at various military posts.

Appropriation Authorized  
 QUARTERS Cost, \$246,400  
 FORT SHAFTER, T. H. Department Headquarters.  
 Owner—U. S. Government.  
 Plans prepared by the Quartermaster General, Construction Division, Washington, D. C.  
 Above work included in Congressional act authorizing appropriation of \$25,587,456 for construction rehabilitation at various military posts.

**8— CLUB BUILDINGS**

Preparing Working Drawings  
 MASONIC TEMPLE Cost, \$75,000  
 LODI, San Joaquin Co., Calif. East Pine St.  
 Two-story Class C Masonic Temple to contain lodge rooms and offices.  
 Owner—Lodi Masonic Lodge.  
 Architect—Frank W. Mayo, 931 North Eldorado St., Stockton.  
 Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Plans will be completed in about one month and general figures asked of a selected list of contractors.

**9— HOSPITALS**

Contract Awarded  
 CULINARY BUILDING Cost, \$18,368  
 AHWAHNEE, Madera County, Calif.  
 Tri-County Tubercular Sanitarium, Unit No. 1: One-story and basement concrete culinary department building (kitchen, dining room, diet kitchen, etc.), concrete floors, asbestos shingle roof, steel sash, wire glass, all metal doors, linoleum floor finish, metal lath and plaster ceilings, etc., and Unit No. 2: Frame administration building, wood shakes, all-wood trim, linoleum floors, plastered walls.  
 Owner—Madera, Stanislaus and Merced Counties.  
 Architect—Johnna & Wethered, Sir Francis Drake Hotel, San Francisco.  
 Engineer—W. E. Bedesen, Merced.  
 Contractor—John E. Saterstad, 201 N. N. St., Madera.

Complete bids follow:  
 John E. Saterstad, Madera \$18,368  
 Swanson & Hillberg, Turlock 18,500  
 Limer & Allen, Merced ..... 19,125  
 P. J. Genney, Madera ..... 20,109  
 R. W. Brown Const. Co., Madera ..... 20,109

**10— HOTELS**

Contract Awarded  
 HOTEL Cost, \$22,000  
 STOCKTON, San Joaquin Co., Calif. 1609 North Wilson Way.  
 One-story frame and stucco hotel.  
 Owner—W. R. Comes.  
 Architect—Not Given  
 Contractor T. C. Williamson, P. O. Box 93, Stockton

## 12— POWER PLANTS

## PLANS BEING FIGURED

COVINA, Los Angeles Co., Cal.—Damerei-Allison Co., Covina, is taking bids for a Class A reinf. conc. pump house to be built at Azusa Ave. and the S. P. tracks, Covina, for themselves. Plans by Webber & Nelson, engineers, 719 Hollingsworth Bldg., Los Angeles.

## CONTRACT AWARDED

PHOENIX, ARIZ.—H. M. Peterson, Brawley, Calif., at \$66,000 awarded contract for construction of a building to house a new power plant, on the Phoenix-Tempe highway, near Phoenix, for the Salt River Valley Water Users Assn.

13— PUBLIC BUILDINGS  
FIRE HOUSES & JAILS

## APPROPRIATION

ARCADIA, Calif.—Los Angeles Co. Supervisors have appropriated \$42,000 to finance construction of a bath-house in the new county recreation center under construction in Arcadia.

## Contracts Awarded

## ADDITIONS

SAN RAFAEL, Marin Co., Calif. Improvements and additions at the County Farm: Nurses' dormitory, detention home, and addition to laundry building.

Owner—County of Marin.  
Architect—N. W. Sexton, deYoung Bldg., San Francisco.

Separate bids were received for general construction of buildings, plumbing, heating, electrical work, and fencing.

Complete bids follow:

Nurses' Dormitory, General  
Leibert & Trobeck, Albert Bldg., San Rafael (awarded contract)—\$8,746.

Central Calif. Constr. Co., Inc., San Francisco—\$8,752.

A. Nelson, Inc., S. F.—\$9,072.

D. W. Nicholson, Oakland—\$9,077.

De Luca & Sons, Inc., S. F.—\$9,125.

Peter Sartorio, S. F.—\$9,277.

Detention Home, General  
Central Calif. Constr. Co., Inc., 115 Burrows St., San Francisco (awarded contract)—\$9,100.

De Luca & Sons, Inc., S. F.—\$9,142.

A. Nelson, Inc., S. F.—\$9,276.

Leibert & Trobeck, San Rafael—\$9,310.

Peter Sartorio—\$9,449.

D. W. Nicholson, Oakland—\$9,450.

Laundry Addition, General

Leibert & Trobeck, Albert Bldg., San Rafael (awarded contract)—\$3,140.

Central Calif. Constr. Co., S. F.—\$3,243.

A. Nelson, Inc., S. F.—\$3,545.

Peter Sartorio, S. F.—\$3,550.

De Luca & Sons, Inc., S. F.—\$3,555.

D. W. Nicholson, Oakland—\$3,850.

Nurses' Dormitory, Plumbing

Shields Co., 303 3rd St., San Rafael (awarded contract)—\$1134.

R. Kinsella Co., San Rafael—\$1,195.

A. L. Nelson Co., San Rafael—\$1,285.

Scott Co., Oakland—\$1,297.

Ernest Ongaro, Fairfax—\$1,375.

Nurses' Dormitory, Heating

A. L. Nelson Co., 303 3rd St., San Rafael (awarded contract)—\$570.

Shields Co., San Rafael—\$570.

North Bay Electric Works, San Rafael—\$579.

Samuel Knoles, San Anselmo—\$903.

Nurses' Dormitory, Electrical

North Bay Elect. Works, 1022 4th St., San Rafael (awarded contract)—\$324.

Atlas Elec. & Eng. Corp., S. F.—\$389.60.

L. H. Leonardi, San Rafael—\$395.

H. R. Eklund Elec. Co., San Rafael—\$197.

Detention Home, Plumbing

Shields Co., 303 3rd St., San Rafael (awarded contract)—\$1,369.

A. L. Nelson Co., San Rafael—\$1,557.

Ernest Ongaro, Fairfax—\$1,662.

R. Kinsella, San Rafael—\$1,785.

Scott Co., Oakland—\$1,797.

Detention Home, Heating

A. L. Nelson Co., 303 B St., San Rafael (awarded contract)—\$680.

Shields Co., San Rafael—\$687.

North Bay Elect. Co., San Rafael—\$692.

Samuel Knoles, San Anselmo—\$740.

Detention Home, Electric

North Bay Elec. Co., 1022 4th St., San Rafael (awarded contract)—\$249.

L. H. Leonardi, San Rafael—\$285.

H. R. Eklund Elect. Co., San Rafael—\$290.

Atlas Elec. & Eng. Co., S. F.—\$395.50.

Fencing, General

Peter Sartorio, 369 Pine St., San Francisco (awarded contract)—\$550.

D. W. Nicholson, Oakland—\$380.

Central Calif. Constr. Co., Inc., S. F.—\$614.

Leibert & Trobeck, San Rafael—\$622.

A. Nelson, Inc., S. F.—\$650.

De Luca & Sons, Inc., S. F.—\$690.

Bids Opened.

MEDICAL BLDG. Cost, \$.....

MARYSVILLE, Yuba Co., Calif. H and Fourth Streets.

One-story frame and stucco medical building (offices, treatment rms., etc.) completely air-conditioned

Owner—Withheld.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Low Bidder—Clarence Stevenson, Marysville (excluding heating), \$19,674.

Complete bids follow:

H. Robertson, Sacramento, (including heating) \$22,025.

Chas. Unger, Sacramento (including heating) \$23,274.

M. R. Peterson, Sacramento, (excluding heating), \$19,884.

BIDS WANTED

SAN BERNARDINO CO., Calif.—

Until October 4, 2 p.m., bids will be received by the District Engineer, State Highway Division, San Bernardino, for maintenance station buildings to be constructed at Lakeview Point, San Bernardino County.

Plans and specifications may be obtained at the above office.

BIDS WANTED

RIVERSIDE AND SAN BERNARDINO Cos., Calif.—

Until Oct. 4, 2 p.m., bids will be received by the District Engineer, State Highway Division, San Bernardino, for maintenance station buildings to be constructed at Palm Springs, Riverside County, and at Camp Angelus, San Bernardino County.

Plans and specifications may be obtained at the above office.

AUTHORIZED TO PREPARE PLANS

SAN DIEGO, Calif.—Architects L. J. Gill, Wm. T. Johnson, Richard S. Regua and Sam W. Hamill, all of San Diego, have been authorized to prepare plans for the completion of the new San Diego civic center bldg. under construction in San Diego for the City and County of San Diego. The work will consist principally of interior finish and the plumbing, electrical and heating fixtures. B. O. Larson, 1240 "E" St., San Diego, is the contractor for structural part of the building, exterior finish, roughing in of the services and a portion of the interior work.

No Bids Received  
PLUMBING, ETC. Cost, \$.....

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Piping, rough plumbing and ventilating equipment in the Palace Group.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush Street.

Plans by San Francisco Bay Architectural Commission, 585 Bush St.

A new bid call will probably be issued shortly.

BOND ELECTION PROPOSED

TAFT, Kern Co., Calif.—Taft city council has under consideration a proposal to call an election for the purpose of voting on the question of issuing bonds to finance construction of a proposed new city jail in Taft.

Completing Working Drawings

ALTER COURTHOUSE Est. Cost, \$7,400

STOCKTON, San Joaquin Co., Calif. Hunters Square.

Move present toilet rooms on first floor of old Court House to basement and convert space into offices.

Owner—County of San Joaquin.

Architect—Eric W. Johnson, 142 N. California St., Stockton.

Additional Sub Contracts Awarded

ENTRANCE TOWERS Cont. Pr., \$91,865

YERBA BUENA SHOALS. Site of the 1939 World's Fair.

Two main entrance towers, each 70 feet high, with bases 118 x 262 ft. of heavy timber framing built in step-back pyramid style; also main entrance walls and arches between towers.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush Street.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Rough Mill—Kortick Mfg. Co., 335 3rd St.

Misc. Iron—Independent Iron Works, 821 Pine St., Oakland.

As previously reported:

Roofing—Malott & Peterson, 2412 Harrison St.

Sheet Metal—Morrison & Co., 74-74 Duboce Ave.

Lumber—Bookstaver & Moore.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—Miller-Hay Co., 742 E. Weber Ave., Stockton, at \$2,157, awarded contract by the County of San Joaquin for replacing existing boiler in steam heating plant of the Court House at Stockton.

BIDS WANTED

SAN FRANCISCO—Until Oct. 6, 1:45 p.m., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for roofing circular deck of City Hall Dome. No deposit required. Plans obtainable from Superintendent of Public Bldgs., R. A. Chisholm, 184 11th St.

BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—

Until October 4, 5 P. M., bids will be received by the City of Bakersfield (V. Van Ripper, City Clerk) for painting the East Bakersfield Library building located at 1400 Baker St., Bakersfield.

Specifications on file in the office of the City Building Inspector. Bids will be opened at Council meeting Oct. 4, 8 P. M.

**BIDS OPENED**  
**SAN FRANCISCO.**— Wick wire  
 pender Steel Co., 101 Townsend St.,  
 \$129.00 submitted low bid to the  
 Department of Public Works, City  
 Hall, for furnishing and installing  
 1/2 lineal feet of chain link fence,  
 1/4th walk gate, at Glen Park School.  
 Complete bids follow:  
 Wick Wire Pender Steel Co. \$129.00  
 Tandem Fence Co. 141.97  
 Lamlan Fence Co. 164.00

**BIDS OPENED**  
**SAN FRANCISCO.**— Lacquer Serv-  
 ice Co., 943 Post St., at \$160, submit-  
 ted low bid to the Dept. of Public  
 Works, City Hall, for cleaning and  
 applying lacquer to linoleum in pe-  
 diocul room, third floor of main  
 library, Larkin and McAllister Sts.;  
 approximately 325 yards of linoleum.  
 Complete bids follow:  
 Lacquer Service Co. \$160  
 Sun Supply Co. 182  
 A. A. Zelinsky & Sons 265

**BIDS OPENED**  
**SAN FRANCISCO.**— Ace & Square  
 Deal Floor Co., at \$99, submitted low  
 bid to the Dept. of Public Works,  
 City Hall, for furnishing and install-  
 ing wood floor in the Second Floor  
 Office of the Civic Auditorium.  
 Complete bids follow:  
 Ace & Square Deal Floor Co. \$99.00  
 Acme Floor Co. 108.00  
 Roma Hardwood Co. 117.50  
 I. Harold Johnson 120.00

**14— RESIDENCES**

**BIDS WANTED**  
**STANISLAUS CO., Calif.**— Until  
 October 11, 3 p.m., bids will be re-  
 ceived by the Modesto Irrigation Dis-  
 trict (C. S. Abbott, Secy.), for con-  
 struction of a cottage located at  
 Dry Creek Flume, approximately 3  
 miles east of Empire and one-half  
 mile north of the Empire-Waterford  
 Highway.

Plans and specifications may be in-  
 spected at the office of the Modesto  
 Irrigation District, in Modesto.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$5,000  
**OAKLAND,** Alameda County, Calif.  
 2000 Thornhill Drive, Forest Park.  
 One - story rustic residence (5 rooms),  
 double garage, shingle or shake  
 roof, oak floors, fireplace.  
 Owner—Mary Matthews.  
 Plans by Paul V. Tuttle, 3718 Grand  
 Ave., Oakland.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$12,000  
**SAN FRANCISCO.** Marina district.  
 Two-story and basement residence  
 (6 rooms, 2 baths), asbestos shingles  
 and composition roof, hot  
 air heating system, garage.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333  
 Kearny St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,500  
**SAN FRANCISCO.** E. Ritero Way,  
 125 N. of Beach St.  
 Two - story and basement frame and  
 stucco residence.  
 Owner & Builder—Oliver M. Rous-  
 seau, 321 Kearny St.  
 Architect—Not Given.

**Bids Opened**  
**RESIDENCE**  
**LAFAYETTE,** Contra Costa Co., Cal.  
 One - story frame and stucco resi-  
 dence (7 rooms), oil-fired hot air  
 heating system, steel sash, com-  
 position roof, etc.  
 Owner—Dr. Robert A. Brady, Berke-  
 ley.  
 Architect—R. J. Neutra, 251 Kearny  
 St., San Francisco.

**Low Bidder—Empire Constr. Co., Ltd.,**  
 Russ Bldg., San Francisco—\$11,-  
 440.  
 Complete bids follow:  
 Empire Constr. Co., Ltd., S. F. \$11,440  
 J. M. Walker, Berkeley. 13,554  
 Emil Person, Berkeley. 13,635  
 A. Frederick Anderson,  
 Oakland 14,080  
 F. C. Little, Hayward. 14,465  
 E. M. Malott, Piedmont. 17,460  
 Bids are being held under advisement. Announcement shortly.

**Contract Awarded**  
**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO.** 3494 Jackson St.  
 Alterations to residence.  
 Owner—Dr. Oscar Tohrner, Prem.  
 Architect—Hyman & Appleton, 68  
 Post St.  
 Contractor—Ira W. Coburn, 2048 Mar-  
 ket St.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
**SAN FRANCISCO.** SW Ocean Ave.,  
 479 E. 19th Ave.  
 One - story and basement frame and  
 stucco residence.  
 Owner & Builder—Stoneson Bros.,  
 1 Sloat Boulevard.  
 Architect—Harold G. Stoner, 35 Vi-  
 cente Street.

**Completing Plans**  
**RESIDENCE** Cost, \$6,000  
**STOCKTON,** San Joaquin Co., Calif.  
 One - story frame, stucco and asbes-  
 toas shingle residence, asbestos  
 shingle and composition roof,  
 hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Eric W. Johnson, 142 No.  
 California St., Stockton.  
 Plans will be completed in one week  
 and sent out to a selected list of  
 contractors.

**Low Bidder** Cost, \$15,000  
**RESIDENCE** Alameda Co., Calif.  
 Two - story frame residence.  
 Owner—Withheld.  
 Architect—Fred Reimers, 233 Post St.,  
 San Francisco.  
**Low Bidder—Albert A. Haskell, 255**  
 Ridgway Ave., Oakland.

**Sub-Contracts Awarded**  
**RESIDENCE** Cont. Pr., \$14,646  
**SACRAMENTO,** Sacramento Co., Cal.  
 Robbins Center.  
 Two - story frame and brick veneer  
 residence.

Owner—Edward Schranz, Jr.  
 Architect—Chas. F. Dean, California  
 State Life Bldg., Sacramento.  
 Contractor—J. C. Motroni, Box 537,  
 Woodland.  
**Electric Wiring—M. W. Hartzell, 1009**  
 Second Ave., Woodland.  
**Heating—General Electric Company,**  
 Sheet Metal J. Barth, 423 First St.,  
 Woodland.  
**Tile Work—H. O. Adams Tile Co., 911**  
 26th St., Sacramento.  
**Iron Grille Work—Alling Iron Works**  
 Fifth and X Sts., Sacramento.  
**Painting—Wideman & Wilson, 1724**  
 34th St., Sacramento.

**Preparing Plans**  
**RANCH HOUSE** Cost, \$10,000  
**STEWARTS POINT,** Mendocino Co.  
 Two - story stucco and rustic ranch  
 house.  
 Owner—A. H. Richardson.  
 Architect—Wm. Herbert, Rosenberg  
 Bldg., Santa Rosa.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$9,990  
**SAN LAFAYETTE,** Marin Co., Calif.  
 Bayville Acres.  
 Two - story rustic residence (6 rms.,  
 3 baths), shake roof, oil heating  
 system, tile baths, hardwood  
 floors, etc.

Owner—Sydney Levy.  
 Architect—S. Heiman, 605 Market St.,  
 San Francisco.  
 Contractor—D. W. Nicholson, 357 12th  
 St., Oakland.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$8,000  
**OAKLAND,** Alameda Co., Calif. 5887  
 Margarita Drive.  
 Two - story frame and stucco resi-  
 dence (7 rooms).  
 Owner & Builder—E. Campamenes,  
 6491 Broadway Terr., Oakland.  
 Architect—Miller & Warnecke, 14th  
 and Franklin Sts., Oakland.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$.....  
**SAN MATEO,** Calif.  
 One - story frame and stucco resi-  
 dence.  
 Owner—Withheld.  
 Architect—George W. Travis, 604  
 Mission St., San Francisco.  
 Upon completion, plans will be fig-  
 ured by a selected list of contractors.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$7,000  
**SAN FRANCISCO.** W. Steiner, 27 ft  
 south of Broadway.  
 Two - story and basement frame resi-  
 dence.  
 Owner & Builder—Oliver M. Rous-  
 seau, 321 Kearny St.  
 Architect—Not Given.

**Plans Being Figured—Bids Close**  
**October 5, 5 P. M.**  
**RESIDENCE** Cost, \$.....  
**HILLSBOROUGH,** San Mateo Co.  
 Two - story frame and wood siding  
 residence (8 rooms and 3 baths)  
 shingle roof.  
 Owner—Alfred Hendrickson, c/o archi-  
 tect.  
 Architect—G. A. Dailey, 210 Post St.,  
 San Francisco.

Plans are being figured by the fol-  
 lowing selected list of contractors:  
 C. W. Kemper, 125 Bryant Street,  
 Palo Alto.  
 G. H. Meese, P. O. Box 548, Red-  
 wood City.  
 A. F. Matlock Co., 212 Clara St.,  
 San Francisco.  
 H. H. Larsen, 61 South Park, San  
 Francisco.  
 Moore & Madsen, 557 Market St.,  
 San Francisco.

G. P. W. Jensen & Sons, Inc., 320  
 Market St., San Francisco.

**Completing Plans**  
**ALTERATIONS** Cost, \$.....  
**SAN FRANCISCO.** 3494 Jackson St.  
 Alterations to residence.  
 Owner—Dr. Oscar Tohrner, Prem.  
 Architect—Hyman & Appleton, 68  
 Post St.  
 Plans will be figured by a selected  
 contractor.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$11,798  
**ROSEVILLE,** Placer County, Calif.  
 Two - story frame and stucco resi-  
 dence (shake roof, hardwood  
 floors, two tile baths, gas fur-  
 nance, etc.).  
 Owner—Dr. Lucas Empe, c/o Archi-  
 tect.  
 Architect—Herbert Goodpastor, Mil-  
 ton Bldg., Sacramento.  
 Contractor—James T. Ramsdall, Jr.,  
 1414 38th St.

Complete bids follow:  
 James T. Ramsdall, Jr. \$11,798.00  
 F. Collaro 11,900.00  
 Chas. W. Walker, Berkeley 11,928.00  
 R. P. Madsen 12,197.86  
 H. K. Gell 12,274.20  
 Harry Ott, Berkeley 12,351.50  
 All of Sacramento, unless other-  
 wise noted.

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO.** E. Pacheco, 293

ft N of Castenada.  
 One-story Monterey type residence  
 (5 rooms), composition roof,  
 hardwood floors, gas furnace, tile  
 bath, wood sash.  
 Owner—M. G. Putzel.  
 Architect—D. E. Jaekle, 126 Post St.  
 Contractor—Bernhardt & Cowen, 924  
 Taraval St.

Contract Awarded  
 ALTERATIONS Cost, \$.....  
 SAN FRANCISCO. Noe and 24th  
 Streets.  
 Alter flats into apartments.  
 Owner—Daniel Sullivan.  
 Architect—John J. Foley, 770 Fifth  
 Ave., San Francisco.  
 Contractor—A. Larson, 4020 24th St.

Bids In—Held Under Advisement  
 RESIDENCE  
 LAFAYETTE, Contra Costa Co., Cal.  
 One-story frame and stucco resi-  
 dence (7 rooms), oil-fired hot air  
 heating system, steel sash, com-  
 position roof, etc.  
 Owner—Dr. Robert A. Brady, Berke-  
 ley.  
 Architect—R. J. Neutra, 251 Kearny  
 St., San Francisco.  
 Announcement shortly.

Contract Awarded  
 RESIDENCES Cost, \$5,000 each  
 SAN FRANCISCO. P. Turk St., 250  
 and 425 ft E. of Willard St.  
 Two 2-story and basement frame and  
 stucco residences.  
 Owner—E. Jost, 1385 Haight St.  
 Architect—Not Given.  
 Contractor—Corbell Realty Co., 1395  
 Haight St.

To Be Done By Day's Work  
 RESIDENCE Cost, \$5,000  
 SAN FRANCISCO. W. 21st Ave., 125  
 ft. N. of Eucalyptus.  
 One-story and basement frame and  
 stucco residence.  
 Owner & Builder—Fernando Nelson  
 & Sons, 2901 19th Ave.  
 Architect—Not Given.

Sub-Contracts Awarded  
 RESIDENCE Cont. Price, \$10,821  
 SACRAMENTO, Sacramento Co., Cal.  
 Wright & Kimbrough Tct, 46th St.  
 Two-story frame and stucco resi-  
 dence (8 rooms).  
 Owner—Joe Ostaja.  
 Architect—Harry J. Devine, Cronan  
 Bldg., Sacramento.  
 Contractor—Lawrence Const. Co.,  
 5372 9th Ave., Sacramento.  
 Plumbing—Harvey Holland, 1715 P  
 St., Sacramento.  
 Electric Wiring—Reliable Elevator  
 Works, 619 California St.  
 Sheet Metal—H. P. Fischer Tile and  
 Marble Co., 1219 Jay Street.  
 Lumber—Sacramento Lumber Co., B  
 and 12th Sts.  
 Mill Work—Capital City Planning  
 Mill 1812 9th St.  
 All of Sacramento.

Planned  
 RESIDENCES  
 Cost, less than \$4,000 each  
 RICHMOND, Contra Costa Co., Calif.  
 Two hundred one-story frame resi-  
 dences.  
 Owner & Builder—National Housing  
 Bureau, 1209 Macdonald Avenue,  
 Richmond (Dick J. Richards, Ex-  
 ecutive Director).  
 Architect—Not selected.  
 (5266) 14

September 28, 1937.  
 Contract Awarded  
 RESIDENCE Cost, \$7,500  
 OAKLAND, Alameda Co., Cal. 2644  
 La Cuesta.  
 One-story frame residence (6 rooms).  
 Owner—L. C. Pollard, 410 Fairmont  
 Ave.

Architect—Not Given.  
 Contractor—A. T. Beckett, 224 Scenic  
 Ave., Piedmont.

## 15— SCHOOLS

BIDS OPENED  
 FILLMORE, Los Angeles Co., Cal.  
 —H. B. Nicholson, 438 Chamber of  
 Commerce Bldg., Los Angeles, sub-  
 mitted low bid to Fillmore Union  
 High School District and will be  
 awarded general contract, at \$130,-  
 966, for construction of a science  
 building and a junior high school  
 building in Fillmore. As previously  
 reported, painting will be awarded to  
 Wm. Gelfan, Los Angeles, and elec-  
 tric work to Seaside Elec. Co.,  
 Ventura. New bids will be asked for  
 plumbing. John C. Austin and Fred-  
 eric M. Ashley, Chamber of Com-  
 merce Bldg., Los Angeles, architects.

SITE PURCHASED  
 OROVILLE, Butte Co., Calif.—Pur-  
 chaser of the 17-acre Bechtel Park  
 from the W. A. Bechtel Co. by the  
 Oroville High School District has  
 been announced. The land will pro-  
 vide room for future expansion and  
 for an athletic field.

BIDS WANTED  
 FILLMORE, Calif.—Until Oct. 18,  
 7:30 P. M., bids will be received by  
 Fillmore Union High School Dis-  
 trict for plumbing for a science bldg.  
 and a junior high school building to  
 be built in Fillmore. John C. Austin  
 and Frederic M. Ashley, architects,  
 Chamber of Commerce Bldg., Los  
 Angeles.

CONTRACT AWARDED  
 LOS ANGELES, Calif.—Theo. A.  
 Beyer Corp., Chamber of Commerce  
 Bldg., awarded contract by the Los  
 Angeles Board of Education at \$54,-  
 987, for completion of cafeteria and  
 student union building at the Los  
 Angeles junior college, 855 North  
 Vermont St. Allison & Allison, 1014  
 Edison Bldg., architects.

BIDS OPENED  
 SAN FRANCISCO—Eaton & Smith,  
 715 Ocean Ave., at \$451, submitted  
 low bid to the Department of Public  
 Works, City Hall, for general con-  
 struction of yard work at the Bay  
 View School, Bay View Street, be-  
 tween Pomona and Flora Sts.  
 (Complete bids follow:  
 Eaton & Smith.....\$3,451.00  
 Frank J. Reilly Co.....3,491.00  
 Dept. of Pub. Wks., Bur. of  
 Bldg. Repair.....3,652.54  
 Fay Improvement Co.....3,875.00  
 Adam Arras & Sons.....4,088.00  
 C. E. A. & H. H. Haun.....4,130.00  
 M. E. Fulkovich.....4,391.00  
 F. C. Amorosa & Sons.....4,444.00  
 E. J. Treacy.....4,800.00

BOND ELECTION  
 TULARE CO., Calif.—Terra Bella  
 Union School District will hold spe-  
 cial election October 21 for the pur-  
 pose of voting on proposed \$40,000  
 bond issue to finance school con-  
 struction and improvements.

Sub Contracts Awarded  
 SCHOOL Contract Pr., \$9,850  
 UPPER LAKE, Lake Co., Calif.  
 One-story frame grammar school  
 building (2 classrooms, library).  
 Owner—Upper Lake School District.  
 Architect—William Herbert, Rosen-  
 berg Bldg., Santa Rosa.  
 Contractor—W. F. Dreyer, Atlas Way,  
 Napa.  
 Roofing—Napa Roofing Co., 512 Even  
 St., Napa.  
 Plumbing & Electric Wiring—C. Nof-  
 rey, Lakeport.  
 Window Shades—Gill Mann Co., 160

2nd St., San Francisco.  
 Lumber—Diamond Match Co., Upper  
 Lake.  
 Mill Work—Jaekle Bros., 948 3rd St.,  
 Napa.  
 Heating & Sheet Metal—C. Nofrey,  
 Lakeport.  
 Painting—Muller & Son, Lakeport.  
 Lathing & Plastering—A. M. Baily,  
 108 W. Perkins St., Ukiah.  
 Linoleum—Superior Tile Co., 3743  
 Broadway, Oakland.

Contract Awarded  
 MUSIC BLDG. Cont. Pr., \$4,806  
 REEDLEY, Fresno Co., Calif.  
 One-story frame and stucco music  
 building.  
 Owner—Reedley Union High School  
 District.  
 Architect—Franklin & Kump, T. W.  
 Patterson Bldg., Fresno.  
 Contractor—Wiens Bros., Rt. 2, Box  
 3, Reedley.  
 Complete bid, follow:  
 Wiens Bros., Reedley.....\$4,806  
 W. P. Taylor, Reedley.....4,984  
 L. H. Hansen & Son, Fresno.....5,271  
 Midstate Const. Co., Fresno.....5,398  
 J. H. Carpenter, Reedley.....5,797

Contract Awarded  
 SCHOOL Cost, \$7,661.50  
 KERN CO., Calif.  
 One-story Class A reinforced con-  
 crete classroom building.  
 Owner—Edison School District.  
 Architect—Franklin & Kump, Haber-  
 feide Bldg., Bakersfield.  
 Structural Engineer—Mark Falk,  
 Washington Bldg., Los Angeles.  
 Contractor—Carter & Fowler, Bak-  
 ersfield.

BOND ELECTION  
 ETIWAANDA, San Bernardino Co.,  
 Calif.—Etiwanda School District will  
 hold an election the latter part of  
 October at which time it is proposed  
 to vote bonds in the sum of \$75,000  
 proceeds to be used to finance con-  
 struction of a new elementary school  
 in Etiwanda. It will replace the pre-  
 sent structure.

Contract Awarded  
 SCHOOL Cont. Pr., \$10,850  
 FIREBAUGH, Fresno Co., Calif.  
 One-story frame and stucco school  
 building (2 classrooms), composi-  
 tion roof, accordion doors.  
 Owner—Firebaugh Grammar School  
 District.  
 Architect—Edw. Glass, Mattel Bldg.,  
 Fresno.  
 Structural Engineer—F. W. Kellberg,  
 320 Market St., San Francisco.  
 Contractor—Clyde D. Jones, Los Ba-  
 ñas.

Complete bids follow:  
 Clyde Jones, Los Banos.....\$10,850  
 Hodgson & Sons, Porterville.....11,369  
 R. Pedersen, Fresno.....11,716  
 John Bailey, Firebaugh.....11,853  
 J. R. Church, Fresno.....12,283  
 Vernon J. Lo Forti, Fresno.....11,772  
 Harris Constr. Co., Fresno.....11,760  
 Richmond Constr. Co., Fresno. 12,464

COMPLETING PLANS  
 VENTURA—Ventura Co., Calif.—  
 Architect Roy C. Wilson and G. N.  
 Lawford, Say Road, Santa Paula,  
 are completing sketches for a gym  
 building to be built in Ventura for  
 Ventura Junior College District. It  
 will cover an area of 100x160 ft. and  
 will have a shower and dressing  
 room wing 36x125 ft., estimated cost,  
 \$70,000. This is the first unit of a  
 plant, other units to include another  
 gym, auditorium and sport stadium.  
 Manley Sahiberg, structural engineer,  
 Architects Bldg., Los Angeles

CORRECTION—New Bids Open Oct.  
 22, 8 P. M.  
 SHOP BLDG. Est. Cost, \$3,300  
 DANVILLE, Contra Costa Co., Calif.

Alamo Road.  
 ne-story frame shop building addition to San Ramon Valley High School.  
 wner—San Ramon Union High Sch. District.  
 rchitect—Norman R. Coulter, 46 Kearny St., San Francisco.  
 On bid opening Sept. 10th, following bids were received:  
 H. Johnson, Danville.....\$12,043  
 Robert McCarthy, S. F.....14,836  
 Mill Person, Berkeley.....15,068  
 Bids were rejected by the board as being too high.  
 It was reported in error Sept. 20, that new bids would be opened September 22.

**CONTRACT AWARDED**  
**SOUTH SAN FRANCISCO**, San Mateo Co., Calif.—M. Minucioani, 555 Hiller Ave., South San Francisco, at 1,485, awarded contract by the So. an Francisco Unified School District for exterior painting of the High school, Technical Arts Bldg. and few other Bldg.  
 Complete bids follow:  
 I. Minuciano, S. S. F.....\$1,485  
 I. Baldini, S. S. F.....1,551  
 L. P. Paoli & Co., S. F.....1,700  
 Ee Dixon Co., S. F.....1,873  
 H. Devert, S. F.....1,919

**CORRECTION IN OPENING DATE**  
**BERKELEY**, Alameda Co., Calif.—Until Sept. 27, 12 Noon (previously reported in error as Sept. 22), inormal bids will be received by the Berkeley Board of Education for re-opening the Jefferson School auditorium, Sacramento and Rose Streets, Berkeley.  
 Specifications may be obtained from the purchasing office, Berkeley Board of Education.

**To Be Done By Day's Work**  
**DEMOLISH SCHOOL** Cost, \$.....  
**RICHMOND**, Contra Costa Co., Cal.  
 Demolition of the old Stege School building excepting 2 classrooms to be moved to the back of the school grounds and remodeled for use as auditorium.  
 Owner—Richmond Union High Sch. District (Walter T. Helms, Supt. of Schools).  
 Architect—Not Given.

**Bids Wanted — To Close October 4, 8 P. M.**  
**DEMOLISH SCHOOL** Cost, \$.....  
**PORTERVILLE**, Tulare Co., Calif.  
 Olive St.  
 Demolish the Olive St. School recently damaged by fire.  
 Owner—Porterville Grammar School District.  
 Architect — W. D. Coates, Rowell Bldg., Fresno.  
 Bids will be opened in the office of the Bellview School.

**Bids Wanted—Opening Date Nov. 2, 8 P. M.**  
**SCHOOL BLDG.** Est. Cost, \$144,000  
**ALAMEDA**, Alameda Co., Calif. Bay and Santa Clara Ave. (Mastick School).  
 One-story modernistic U-shaped elementary school hdg. (12 classrooms, gymnasium, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.  
 Owner—Alameda Board of Education (Wm. G. Faden, Superintendent).  
 Architect—Kent & Haas, Underwood Bldg., San Francisco.  
 Plans and specifications for first unit of work, consisting of 12 classrooms with low-pressure steam heating system, will be available to prospective bidders at the office of the

Secretary of the Board of Education, Oak & Alameda Ave., upon deposit of \$50.

Bids will be opened Nov. 2, 8 p.m.  
 Cost of first unit is estimated at \$80,000 and will be financed by the 1937-38 School District tax; the second unit, consisting of gymnasium, auditorium and administration bldgs., will be constructed next year and financed likewise by the 1938-39 School Tax.

**Bids Wanted—To Close October 7, 7:30 P. M.**  
**ADDITION** Cost, \$.....  
**SACRAMENTO COUNTY**, Calif.  
 One - story frame and stucco addition to Arcade Grammar School.  
 Owner — Arcade Elementary School District.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
 Plans and specifications obtainable at the architect's office. No deposit required. Bids will be opened at the school.

Following have taken out plans:  
 L. L. Watson, 1768 11th Avenue, Sacramento.  
 Charles F. Unger, 2426 7th Ave., Sacramento.  
 Otto Steimbrenner, 1116 O Street, Sacramento.  
 Al R. Peterson, 1116 O St., Sacramento.  
 H. Robertson, 3004 F St., Sacramento.

**Bids Opened**  
**SCHOOL**  
**LOYALTON**, Sierra Co., Calif.  
 One - story frame school building (12 classrooms and assembly hall), concrete foundation, shingle roof.  
 Owner—Loyalton School District.  
 Architect—W. E. Coffman, Forum Bldg., Sacramento.  
 Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Separate bids were received for general construction (mine alterations) and heating and plumbing (2 alternates).  
 Complete bids follow:

**General Construction**  
 H. W. Robertson, 3004 F St., Sacramento—\$67,311; (1) \$3,365, (2) \$1,348, (3) \$500, (4) \$300, (5) \$500, (6) \$400, (7) \$600, (8) \$1,622 25, (9) \$3,800.  
 M. R. Peterson, Sacramento—\$67,594; (1) \$1,415, (2) \$1,300, (3) \$560, (4) \$325, (5) \$502, (6) \$450, (7) \$800, (8) \$1,647, (9) \$4,104.  
 Ray H. Schute, Sacramento—\$69,496; (3) \$900, (4) \$500, (6) \$300, (7) \$900, (8) \$1,000, (9) \$4,500.  
**Heating & Plumbing**  
 W. E. Humes, Reno, Nev.—\$9,987.75; (1) \$63.85, (2) \$270.20.  
 M. R. Carpenter, Sacramento—\$13,248, (1) \$39, (2) \$420.  
 L. U. Plummer—\$13,600; (1) \$12, (2) \$430.

**TO PREPARE PLANS**  
**LOS ANGELES**, Calif.—Los Angeles Board of Education has authorized its architectural section, A. S. Nibecker, Jr., architect, to prepare plans for an 8-unit classroom building to be built at the Corona Avenue School; estimated cost, \$66,000.

**LOW BIDDER**  
**LOS ANGELES**, Calif.—Theo. A. Beyer Corp., Chamber of Commerce Bldg., submitted low bid to Los Angeles Board of Education, at \$34,978, for completion of cafeteria and student union building at the Los Angeles Junior College. Allison & Allison, architects, 1014 Edison Bldg.

**1C—BANKS, STORES AND OFFICES**

**Sub-Contract Awarded**  
**OFFICE BLDG.** Cost, \$20,000  
**MODESTO**, Stanislaus Co., Cal. 12th Street.

One-story reinforced concrete office building (this roof).  
 Owner—T. B. Scott, c/o architect.  
 Architect—G. N. Hilburn, 1211 K St., Modesto.  
 Contractor—Robt. Carlson, P. O. Box 72, Modesto.

**Mill Work**—Davis Hardwood Floor Co., 342 Eureka St., San Francisco.

**To Be Done By Day's Work**  
**STORE** Cost, \$7,500  
**BURLINGAME**, San Mateo Co., Cal. Lot 4 Bk 14, California Drive.  
 New store and office.  
 Owner and Builder—Geo. W. Williams Co., 315 Primrosa Road, Burlingame.  
 Architect—Not Given.

**Contract Awarded**  
**SALES BLDG.** Cost, \$50,000  
**MODESTO**, San Joaquin Co., Calif. Ninth and L Streets.  
 Construction of modernistic, air-conditioned sales building (140x150).  
 Owner—Patchetts & Wight.  
 Architect—Not Given.  
 Contractor—Weland Bros., 401 Virginia Ave., Modesto.

**To Be Done By Day's Work**  
**STORE BLDG.** Cost, \$16,000  
**STOCKTON**, San Joaquin Co., Calif. 138 East Lafayette Street.  
 One-story brick store building.  
 Owner and Builder—J. C. Nunley, 744 Yale St., Stockton.  
 Architect—Not Given.

**Low Bidder**  
**STORE** Cost, \$.....  
**SAN FRANCISCO**, West Portal Ave.  
 One - story frame and stucco store building (composition roofing, vitrolite, steel sash, etc.)  
 Owner—J. H. Bernhelm.  
 Architect—Masten, Hurd and Roeth, 233 Post Street.  
 Low Bidder—Empire Const. Co., Ltd. Russ Building.

**Completing Working Drawings**  
**OFFICE BLDG.** Cost, \$.....  
**MODESTO**, Stanislaus Co., Calif. On Highway No. 99 entering Modesto.  
 New one-story concrete office bldg.  
 Owner—Grange Company, 912 9th St., Modesto.  
 Architect—G. N. Hilburn, 1312 I St., Modesto.

Previous plans to alter present building were changed and the architect is now completing plans for a new building.

**Contract Awarded**  
**ALTERATIONS** Cost, \$6,500  
**SAN FRANCISCO**, Calif. 923 Market St.  
 Alter store.  
 Owner—Zukor's Dress Shop, Prem. Plans by H. F. Hunter, 829 S. Hill St., Los Angeles.  
 Contractor — L. E. Emanuel, 2665 Jones St.

**Completing Plans**  
**ALTERATIONS & ADDITIONS** Cost, \$15,000  
**VALLEJO**, Solano Co., Calif. Georgia St., 300 block.  
 Extension of present ground floor and removal of upper story.  
 Owner — Martin Stelling, Jr., 155 Montgomery St., San Francisco.  
 Architect—Not Given.  
 Work is expected to start on or about October 1.

**Sub Contracts Awarded**  
**TERMINAL BLDG.** Cont. Pr., \$115,600  
**YERBA BUENA SHOALS.** Site of the 1939 World Fair.  
 One-story wood frame ferry terminal building with a concrete underpass and wooden bridge; portion of building to be erected on wood planking of existing ferry slip wharf, piling and foundations for remainder of building included in contract.  
**Owner**—San Francisco Bay Exposition, Inc. (Leland W. Cutler, President), 585 Bush Street, San Francisco.  
**Architect**—San Francisco Bay Exposition Architectural Commission, 585 Bush St., San Francisco.  
**Contractor**—Clinton Constr. Co., 923 Folsom St., San Francisco.  
**Roofing**—Malott & Peterson, 2412 Harrison St.  
**Painting**—R. P. Paoli & Co., 2530 Lombard St.  
**Glass**—Habenicht & Howlett, 529 Clay St.  
**Plastering**—A. Knowles, 982 Bryant St.  
**Sheet Metal**—Gulfooy Cornice Works, 1234 Howard St.  
**Magnesia Flooring**—Maroeky Co., 55 New Montgomery St.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—W. E. Robertson, 1109 S. La Brea Ave., awarded contract for construction of a bakery building at 2330 Ripple St. for Western Bakeries Corp., 201 Clem Wilson Bldg. M. J. Galbreath, structural engineer, 6362 Hollywood Blvd.

**Contract Awarded**  
**STORE BLDG.** Cost, \$95,000  
**FRESNO, Calif.** 1146-48 Fulton St.  
 One-story and basement, brick store building, modern metal front.  
**Owner**—Fresno Properties Co.  
**Plans by Eng. Dept. of Lessee.**  
**Lessee**—J. C. Newberry Co., New York, N. Y.  
**Contractor**—Midstate Construction Co., Pacific Southwest Bldg., Fresno.

**Bids Opened**  
**ALTERATIONS** Cost, \$.....  
**SAN JOSE, Santa Clara Co., Calif.**  
 Santa Clara Avenue.  
 Alterations to store front.  
**Owner**—Withheld.  
**Architect**—Binder & Curtis, 35 West San Carlos St., San Jose.  
**Low Bidder**—Bridges Const. Co., 1395 Lincoln Ave., San Jose, \$3,697.  
 Complete bids follow:  
 Bridge Const. Co., San Jose.....\$3,697  
 Bert Ward & Son, San Jose.....4,098  
 G. M. Latta, San Jose.....4,350  
 Shirle Co., San Jose.....4,630  
 Wm. Carwell, San Jose.....4,849

**PREPARING PLANS**

**SAN DIEGO, Cal.**—Loring & Co., 3702 India St., San Diego, are preparing plans for a one-story reinforced concrete sales and warehouse building, 100x100 ft. in area, to be built at Front and Ash Streets, San Diego, for San Diego Standard Elec. Corp. Est. cost, \$75,000. Construction will be handled by Loring and Co. and work will start in December.

**Sub Contracts Awarded**  
**INDUSTRIAL BUILDING**  
 Estimated Cost, \$150,000  
**SAN FRANCISCO.** Van Ness Ave. bet. O'Farrell and Olive Streets.  
 Three-story reinforced concrete automobile sales room and service building (120 x 180 feet).  
**Owner**—Ernest Ingold, Inc., 1700 Van Ness Ave.  
**Architect**—J. E. Dinwiddie, 360 Pine Street.  
**Structural Engineer**—R. J. Fisher, 826

**Crocker Building.**  
**Contractor**—Barrett & Hilp, 918 Harrison Street.  
**Painting**—D. Zellinsky & Sons, Inc., 165 Grove St.  
 Sub contracts previously awarded published June 16 and July 6.

**Sub Contract Awarded**  
**ALTER STORE** Cost, \$13,000  
**SAN FRANCISCO.** N W Jackson and Van Ness Ave.  
 Alter store building.  
**Owner**—Wm. D. McCann, 404 Post St.  
**Contractor**—Barrett & Hilp, 918 Harrison St.  
**Painting**—R. Paoli & Co., 2530 Lombard St.  
 Sub contracts awarded previously published Sept. 2.

**Contract Awarded**  
**STORE** Cost, \$16,995  
**BURLINGAME, Sao Mateo Co., Cal.**  
 Howard Ave. and Primrose St.  
 One-story frame and stucco store building.  
**Owner**—Safe-way Stores.  
**Architect**—Lazer Nusbaum, 3138 Divisadero St., San Francisco.  
**Contractor**—G. W. Williams Co., 315 Primrose Road, Burlingame.

**17— THEATRES**

**CONTRACT AWARDED**  
**PORTERVILLE, Tulare Co., Cal.**—A. V. Perkinson, 3975 S. Vermont Avenue, Los Angeles, awarded contract for converting an existing store bldg. at 210 Mill St., Porterville, into a theater for Principal Theaters, Inc. C. A. Balch, architect, 1914 S. Vermont Ave., Los Angeles. 17

**18— WHARVES & DOCKS**

**Sub Contracts Awarded**  
**STORAGE SHED** Cont. Pr., \$39,877  
**SAN FRANCISCO.** Waterfront; Sea Wall, Lot 29.  
 Remove existing structures and construct a timber frame storage shed (32,000 sq. ft. floor space), corrugated iron sides, composition flat roof, steel sash.  
**Owner**—State of California (Board of Harbor Commissioners), Ferry Bldg.  
**Engineer**—Frank G. White, Ferry Bldg.  
**Contractor**—Leo Epp, 4745 Geary St., San Francisco.  
**Bolts & Washers**—Payne Bolt Wks., 201 Main St.  
**Plumbing**—Wm. F. Wilson Co., 736 Harrison St.  
**Lumber**—C. R. McCormick, 461 Market St., and Hammond Lumber Co., 417 Montgomery St.  
**Backfill**—Fiombo Bros. & Co., 1571 Turk St.

**19—MISC. CONSTRUCTION**

**BIDS OPENED**  
**LOS ANGELES**—L. A. Wrecking Co., Inc., 810 E. Olympic Blvd., at \$9,744.50, submitted low bid to the State Division of Architecture, Sacramento, for wrecking building on the Los Angeles State Building Site, First and Broadway.  
 Complete bids follow:  
 L. A. Wrecking Co., Inc.....\$9,744.50  
 Emaco Concrete Cutting Corp.....18,883.00  
 Lee Mead Wrecking Co.....19,900.00  
 Auther Penner.....21,218.00  
 Cleveland Wrecking Co.....22,340.00  
 D. G. Karn.....25,000.00  
 All of Los Angeles.

**BIDS OPENED**  
**OAKLAND, Calif.**—The following submitted bids to the Oakland City Council, City Clerk, City Hall, Oak-

land, for (1) placing 72 creosote piles; (2) tile foundation; Municipal Exposition Building, Annex 2, Oakland:

Frederickson & Watson	(1)	22.00
Constr. Co., Oakland		
M. B. McGowan, Inc., San Francisco	4910.00	20.00
Healy-Tibbitts Construction Co., San Francisco	4965.00	20.00
C. A. Lauritzen, Antioch	4947.50	100.00
The Duncanson Harrison Co., S. F.	5234.00	22.50

**Plans Being Figured**  
**ADDITION** Cost, \$.....  
**OAKLAND, Alameda Co., Calif.** 2361 E. 29th St.  
 Two-story addition to conform with present architecture.  
**Owner**—Salem Lutheran Home, 2361 E. 29th St.  
**Architect**—Henry H. Gutterson, 528 Powell St., San Francisco.  
 Plans are being figured by a selected list of contractors.

**LOW BIDDER**

**PEARL HARBOR, T. H.**—Olas Lagried, Honolulu, at \$4,045, submitted low bid to the Navy Department, Bureau of Yards & Docks, Washington, D. C., under Spec. 8542, for the construction of a storage vault at Pearl Harbor, T. H. Estimated cost, \$3,500.

**CONTRACT AWARDED**

**SPOKANE, Wash.**—Puget Constr. Co., 3951 6th Ave. NW, Seattle, at \$247,212, was awarded contract by the Inland Rural Electrification Inc., of St. John, Wash., for the construction of 297.5 miles of power line in Spokane, Whitman, Adams, and Franklin Counties.

**CONTRACT AWARDED**

**LONGVIEW, Cowlitz Co., Wash.**—The Washington Gas & Electric Co., Longview, has been awarded contract to furnish power to the proposed REA project of Cowlitz Co. Public Utility District. Power will be used by \$88,000 system in rural sections of county, for which bids will be opened in October. System will cover 81 miles between Lake and Toutle and Slightly. Lines will be built along west side Highway north of Castle Rock, Delameter Road, Coak Creek, Eugaula Roads, Kelso-Stella, Germany and Slide Creek Roads, down to Oak Point.  
 As previously announced, plans are being completed by Consulting Engineers Baar & Cunningham, Spalding Bldg., Portland. Alternate bids on aluminum, copper and copper weld.

**Plans Being Figured**—Bids Close October 11, 2 P. M.

**STAC TERMINAL** Cost, \$180,000  
**PORTLAND, Ore.** SW 6th and Taylor Streets  
 Two-story Class C reinforced concrete fire proof stage terminal building (67x200-feet) and one-story steel frame covered driveway (57x200-ft.)  
**Owner**—Union Stage Terminal Co., SW Park and Yamhill Streets.  
**Architect**—Knighton & Howell, U. S. Bank Bldg., Portland.

**BIDS OPENED**

**PEARL HARBOR, T. H.**—Olas Lagried, Honolulu, at \$4540 (Item 1) and \$1800 (Item 2), submitted low bid to the Navy Dept., Bureau of Yards & Docks, Washington, D. C., under Spec. 8542, for the construction of a storage vault at Pearl Harbor, T. H. Estimated cost, \$3,500.  
 Max Moody, Honolulu, submitted only other bid at \$6145 (Item 1) and \$3222 (Item 2).



**BIDS OPENED**

**SAN DIEGO, Calif.**—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$3490, submitted low bid to and was recommended for award by Lt. Commander L. N. Moeller, Headquarters, 11th Naval Dist., Public Works Dept., foot of Broadway, San Diego, under Spec. No. 8547, for electric service connections at the Naval Hospital, San Diego.

Work involves:

- (1) Furnishing and installing concrete transformer vault (underground);
- (2) Concrete signal manhole;
- (3) One 50-kva single-phase lighting transformer;
- (4) One 25-kva 3-phase power transformer;
- (5) 220 lf. of concrete envelope and duct system;
- (6) Lighting, power, telephone and signal cables;
- (7) All fuse cutouts and miscellaneous appurtenances.

Total bids follow:

Harry L. Foster, 4348 Hilldale Road, Los Angeles—\$3490.  
Newbery Elec. Co., Los Angeles—\$3,735.  
Capitol Elec. Co., San Diego—\$4245.  
F. E. Young, San Diego—\$4503.32.

**Preparing Working Drawings**  
**SWIMMING POOL** Est. Cost, \$10,000  
**MENLO PARK, San Mateo Co., Cal.**  
St. Patrick's Seminary.

Swimming pool and dressing rooms.  
Owner—Korman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.  
Architect—John J. Foley, 770 Fifth Ave., San Francisco.

**RECOMMENDED FOR AWARD**

**SAN FRANCISCO.** — Moore Dry Dock Co., foot of Adeline St., Oakland, at \$24,356.20, submitted low bid and is recommended for award by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, under Invit. No. 868-38-30, for dry-docking, painting and repairing the U. S. seagoing hover dredge "A. Mackenzie."

Total bids follow:

Moore Dry Dock Co., foot of Adeline St., Oakland ..... \$24,356.20  
Bethlehem Shipbldg. Corp., San Francisco ..... 26,553.45  
General Engr. & Dry Dock Co., San Francisco ..... 26,554.60  
Commercial Iron Works, Portland ..... 27,605.50

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Churchill Construction Co., 161 S. La Brea Ave., Los Angeles, has contract for construction of large mausoleum just outside the Alhambra city limits and west of Monterey Park for the Sou. Calif. Marble Co., Black Bldg., Los Angeles. The site has been excavated and actual construction of the building is scheduled to get under way within a few days. It will be a 3-story, reinf. conc., Monterey style structure, 550 x 160 ft. in area, and will contain 10,000 crypts. Marble will be supplied by the owner. Blaine Noice, 5436 Carlton Way, Los Angeles, is the structural engineer. 19

**BIDS WANTED**

**SACRAMENTO, Cal.**—Until Oct. 8 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. E. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-35-93, for (1) one job removing and renewing canvas covering on the sun deck and (2) removing and renewing 3600 sq. ft. of roofing paper on the sun deck of dredge "Sacramento".

Plans and specifications may be obtained from the above office.

**Bids Wanted—To Close October 4.**

**FOUNDATION** Cost, \$.....  
**OAKLAND, Alameda Co., Calif. NE** corner First and Grove Streets. Construction of boiler and fan foundation at Sub-station C.  
Owner—Pacific Gas & Electric Co.  
Plans by Engr. Dept. of Owner

**CONTRACT AWARDED**

**CASPER-ALCOVA PROJ., Wyo.**—Mountain States Co., Billings, Mont., at \$13,375, were awarded contract by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Casper, Wyo., under Spec. No. 965-D, for preparation and stockpiling of concrete aggregates, Casper-Alcova Project.

**PLANS PREPARED**

**SAN DIEGO, Calif.**—Consolidated Gas & Electric Co., Electric Building, San Diego, has had plans prepared for a transformer house to be built on the southeast corner of Front St. and Robinson Ave., San Diego, for the company. It will be a steel and concrete structure, 71 x 50 ft. in area, and is estimated to cost \$35,000.

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Richmond Tile Co., 3421 Geary Blvd., at \$16,545, awarded contract by the Dept. of Public Works, City Hall, for the work in the Stockton Street tunnel, Stockton St., between Bush and Sacramento Streets.

**BIDS WANTED**

**COWLITZ COUNTY, Wash.**—Until October 27, 10 A. M., bids will be received by the Cowlitz County Public Utility District No. 1, Jas. A. Doyle, Secretary, Longview, for the construction of about 83 miles of electric distribution lines in Cowlitz County. Estimated cost, \$8,000,000.  
Plans and specifications may be obtained at the office of the Engineers, Baar and Cunningham, 414 Spaulding Bldg., Portland, upon deposit of \$10.00.

**20—MISC. SUPPLIES AND MATERIALS**

**BIDS WANTED**

**BREMERTON, Wash.**—Until Sept. 30 bids will be received by the Supply Officer, Navy Yard, Bremerton, Wash., under Spec. 164-ER-N, for furnishing 810 tons of structural steel for the Naval Air Station.

**BIDS WANTED**

**LINDSEY, Los Angeles Co., Cal.**—Until Oct. 13, bids will be received by the Lindsey School District for school equipment to be installed in the Lincoln Junior High School in Lindsey. The equipment includes classroom seating, teachers' desks and chairs, office desks and chairs, steel folding chairs, cafeteria range, steel folding dish washing machine, office counter and fire and centralized sound equipment. Plans are obtainable at the office of the School District, Lindsey High School, or the office of the Architect, H. L. Gogerty, 6272 Yuca St., Hollywood, no deposit required.

**BIDS WANTED**

**OAKLAND, Cal.**—Until October 19, 7:45 P. M., bids will be received by the Oakland Board of Playground Directors, W. V. Robertson, Secretary, Rm. 313, City Hall, for furnishing athletic supplies to the Recreation Department for the year ending June 30, 1938, and for fencing.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1994, for furnishing (1) 600 c.y. tan bark and (2) 300 c.y. cattle manure.  
F. X. Lehner, San Francisco: (1) \$2.78 (2) \$2.27; net.

Mission Bldg. Material Co.: (1) \$3.25; (2) \$1.90 2 1/2 30 days.  
Sibley Grading & Trenching Co., Ltd., (1) \$3.55 1/2; (2) ; net.  
D. C. McCabe & Son: (1) ; (2) \$3.75; net.  
Burton Garafalo: (1) \$2.50; (2) \$2.15; 2 1/2 10 days.  
Independent Dump Truck & Supply Co., (1) \$2.96; (2) \$1.79; 2 1/2 10 days.

**BIDS WANTED**

**OAKLAND, Cal.**—Until Oct. 13, 1 P. M., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 17,502 feet of paper insulated lead covered cable.  
Plans and specifications may be obtained at the above office.

**BIDS WANTED**

**OAKLAND, Cal.**—Until Oct. 13, 1 P. M., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 6,000 feet of 1 1/2-inch fire hose.  
Plans and specifications may be obtained at the above office.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Southern Pipe & Casing Co., Azusa, Calif., at \$93.90 (Item 1) and \$3,463.53 (Item 2), was awarded contracts by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under (1) Bid No. 5185. Corrugated metal pipe; (2) Bid No. 5286, Corrugated metal pipe.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Henry Cowell Lime & Cement Co., 81 Franklin St., Oakland, at \$1,717 per bbl., was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5187, for furnishing 150 bbls. Portland cement; f.o.b. Lemon Cove, Calif.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Healey-Moore Co., 344 High Street, Oakland, at \$125 per ton, submitted low bid and was awarded contract by the Oakland Port Commission, for furnishing 10,000 cu. yd. rock at the Oakland Air Depot.

Total bids follow:

Healey-Moore Co., 341 High St., Oakland \$125 per ton  
San Leandro Rock Co.—\$125.  
Hutchinson Co. \$129.  
Blake Bros. 135.  
Tieslau Bros., Inc. \$161

**BIDS WANTED**

**MANHATTAN BEACH, Los Angeles Co., Cal.**—Until Oct. 12 7:30 P. M., bids will be received by the Manhattan Beach School Dist. for lumber, sack and doors, steel wash and doors, mill work, planing, painting, electric, plumbing, hardware, sheet metal, tile, cast stone, iron and steel materials to be used for a 4-classroom building to be built at 21st Pl. and Grand St., Manhattan Beach, a WPA project. Concrete materials, reinforcing steel and roofing materials will be purchased by the WPA. Lists are on file at the office of Architects' Plumber, Workman and Beckett, 621 S. Hope St., Los Angeles, and the office of J. S. Jeffers, at the school site.

**BIDS WANTED**

SAN DIEGO, Cal.—Until Oct. 1st, 11A. M., bids will be received by the San Diego city purchasing agent for 1900 ft. 12-in. class 250, cast iron pipe. F. M. Lockwood, city purchasing agent.

**BIDS OPENED**

LOS ANGELES, Calif.—Westinghouse Electric Supply Co., Graybar Electric Co., General Electric Supply Corp. submitted identical bids to the Los Angeles Water and Power Purchasing Agent for fiber conduit and couplings, Spec. 2416. The prices were: 19,000 ft. 2½-in. at \$8.60 per C. ft.; 2000 ft. 3-in. at \$8.20; 98,000 ft. 4-in. at \$10.20; 1000 ft. 4½-in. at \$13.20; 30,000 ft. 5-in. at \$17; 300 3-inch couplings at 7.2c each; 200 3½-in. at 8.4c; 4000 ft. 4-in. at 9c; 100 4½-in. at 10.8c; 1000 5-in. at 13.2c.

**BIDS WANTED**

OAKLAND, Cal.—Until Oct. 6th, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal 917, for furnishing 324 ¾-inch square steel rods.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

WILLOWBROOK, Los Angeles Co., Cal.—Until Oct. 7, 12 M., bids will be received by Willowbrook School District, Belle E. Jenks, clerk, for materials for construction of a 2-classroom addition to the Willowbrook School. Bids will be taken on the following items: 22,000 board feet Douglas fir lumber, 2000 board feet maple flooring, 30 squares of cedar shingles, 300 bolts, misc. steel plates and angles, 800 lbs. nails, 50 gals. of creosote, sheet metal materials, plaster materials, reinf. steel, paint materials, electric materials, plumbing materials. Specifications and detail lists available from Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

**CONTRACTS AWARDED**

LOS ANGELES, Calif.—The Los Angeles Water & Power Commission awarded the following contracts, under Spec. No. 2403, for furnishing and laying paper-insulated, lead-covered cables.

- Bids will be taken on:
- (1) 5000 ft. of 1,000,000 CM, 1-conductor, 600-volt, lead-covered cable;
  - (2) 10,000 ft. 500,000 CM do.;
  - (3) 30,000 ft. 4/0 AWG do.;
  - (4) 30,000 ft. 1/0 AWG do.;
  - (5) 50,000 ft. No. 4 AWG do.;
  - (6) 52,000 ft. No. 6 AWG do.;
  - (7) 1,500 ft. No. 2/0 AWG, 1-conductor, 5000-volt do.;
  - (8) 7,570 ft. 500,000 CM, 3-conductor do.;
  - (9) 7,100 ft. 500,000 CM, 3-conductor do.;
  - (10) 10,000 ft. No. 2/0 AWG, 3-conductor do.

General Cable Corp., at \$31,512.50 (Items 1, 2, 7 and 9).  
General Electric Co., at \$21,970 (Items 3 and 10).  
Okonite-Calendar Cable Co., at \$25,927.70 (Items 4 and 8).  
Habirshaw Cable & Wire Corp., at \$12,818 (Items 5 and 6).

**BIDS WANTED**

SEATTLE, Wash.—Until October 8, 10 a.m., bids will be received by the Seattle City Purchasing Agent, Willard V. Pape, 511 County-City Bldg., Seattle, for 3500 ft. of 2½-in. and 3500 ft. of 1½-in. double-jacket rubber-lined fire hose.

Plans and specifications may be obtained at the above office.

**BIDS OPENED**

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, for furnishing and delivering 5000 tons of coarse aggregate and 2800 tons sand into government trucks at job site near intersection of Greenleaf Street and Compton Creek, near Compton, or into government trucks at contractor's plant; Circ. Prop. 46.

Arrow Rock Co., \$219 ton; total, \$17,082; disc. \$0.20 ton 25th prox.; disc. \$0.20 ton 25th prox.;  
Graham Bros. sand \$180 ton; coarse aggregate \$2 ton; total \$15,040; disc. \$0.20 ton 25th prox.; deliv gov't trucks at contractor's plant at Cherry Ave., N of Artesia Ave., Hynes.

Pacific Rock & Gravel Co., \$174 ton; total \$13,572; deliv into gov't trucks at contractor's plant at Tweedy and Alameda Sts., South Gate; \$1998 ton; total \$15,564.40 delivered to job site; disc. 12% 20 days.

**LOW BIDDER**

CONCHAS DAM, N. M.—Southwestern Portland Cement Co., 727 W. 7th St., Los Angeles, at \$617,762, submitted low bid to the U. S. Engineer, Conchas Dam, N. M., for furnishing 250,000 bbls. portland cement to be used in the construction of the Conchas Dam, on South Canadian River, 27 miles north of Newkirk, N. M. Bids to be f.o.b. cars at contractor's shipping point in full carload lots and in good condition, to the railroad company for shipment to Newkirk, N. M., under Government bills of lading to be furnished by this contracting officer. Invitation No. W 911-38-30.

**BIDS WANTED**

PARKER DAM, California-Arizona.—Until October 13, 2 p.m., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 977-D, for approximately 160,000 bbls. of low-heat portland cement for the Parker Dam Project, California-Arizona; f.o.b. shipping point and/or Earp, Calif.

Plans and specifications may be obtained from the above office.

**RECOMMENDED FOR AWARD**

SAN FRANCISCO.—Pacific Coast Engr. Co., Inc., Maritime and Wharf Sts., Oakland, at \$189,000 submitted low bid and was recommended for award by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Customhouse, San Francisco, under Bid No. 868-38-32, for furnishing dredge pipe A; fob San Francisco.

Total bids follow:  
Pacific Coast Engr. Co., Inc., Maritime & Wharf Streets, Oakland ..... \$189,000  
Moore Dry Dock Co., Oakland 210.00  
Bethlehem Shipbuilding Corp., San Francisco ..... 270.00

# PIPE

## Pacific Pipe Co.

### PIPE - VALVES - FITTINGS

Furnished on purchase or rental basis. Complete facilities for installing pipe lines, railings, and industrial piping of all kind.

WRITE FOR PRICES

**BIDS OPENED**

LOS ANGELES, Cal.—The following submitted bids to the Los Angeles Water and Power Purchasing Agent, under Spec. No. 2411, for furnishing pressure-cast pipe for delivery Santa Fe Railway at Artesian yard, Avenue 33 and Humboldt street.

Bids were taken on the following:  
(1) 160 35-ft. poles;  
(2) 600 40-ft. poles;  
(3) 250 45-ft. poles;  
(4) 20 50-ft. poles;  
(5) 100 60-ft. poles;  
(6) 40 65-ft. poles;  
(7) 6 90-ft. poles.

Total bids follow:  
J. H. Baxter & Co.: (1) \$14.17; (2) \$18.51; (3) \$22.33; (4) \$26.50; (5) \$36.85; (6) \$41.04; (7) \$72.20. Option "yes"; delivery 30 days; Douglas fir; net.

Southern Calif. Roads Co.: (1) \$15.65; (2) \$19.90; (3) \$21.25 (4) \$25; (5) \$34.50; (6) \$37.20; (7) \$57.20. Option "yes"; delivery as specified; Douglas fir; net.

Chas. R. McCormick Lbr. Co.: (1) \$16.15; (2) \$21.80; (3) \$26.20; (4) \$30.45; (5) \$44.65; (6) \$50.05; (7) \$91.70. Option "no"; delivery, 30 to 120 days. Douglas fir; net.

American Lbr. & Treating Co.: (1) \$18; (2) \$21.75; (3) \$25.25; (4) \$30; (5) \$36.80; (6) \$42; (7) \$75. Option "yes"; delivery within 90 days; Douglas fir; net.

Graybar Electric Co.: (1) \$18.71; (2) \$25.36; (3) \$33.47; (4) \$42.04; (5) \$58.79; (6) \$75.50; (7) \$228.40. Option "no"; delivery 14 days; Southern Yellow Pine; net.

**BIDS OPENED**

DENVER, Colorado.—The following submitted bids to the Bureau of Reclamation Purchasing Agent, Denver, Colorado, under Invit. No. 42,757-A, for furnishing 4000 bbls. portland cement for use at Mesa, Ariz.

Calif. Portland Cement Co.—\$180 bbl. f.o.b. mill.  
Riverside Cement Co.—\$2.062 bbl. f.o.b. mill.  
Monolith Portland Cement Co.—\$2.062 bbl. f.o.b. mill.  
Southwestern Portland Cement Co.—\$2.062 bbl. f.o.b. mill.  
Graham Bros.—\$2.062 bbl. f.o.b. mill.

Discount last four bids, 20c bbl. Sack allowance on all bids, 10c each.



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## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Shipping, Harbor Works, Excav., Irrigation Proj.	31.—Pipe Lines and Wells
23.—St. Light, Systems	32.—Sewers & Sewage Disposal Plants
24.—Machinery and Equipment	33.—Water Works
25.—Railroads	34.—Parks & Playways
26.—Fire Alarm Sys.	35.—Tunnels
27.—Fire Equipment	
28.—Streets & Highways	

## BRIDGES

## BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 2, 2 p.m., bids will be received by the Los Angeles county supervisors, 01 Hall of Records, Los Angeles, for constructing a steel concrete and timber bridge on Mulberry Road over La Mirada Slough. It will have one 0-ft. span with 24-ft. roadway, reinforced concrete deck and wood bulkhead and abutments. Plans were prepared by W. B. Armstrong, county bridge engineer. Mame B. Beatty, clerk of the board.

## CONTRACT AWARDED

ALAMEDA CO., Cal.—A. J. Raisch, 58 Lincoln Ave., San Jose, at \$104,095.00, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Wks. Bldg., Sacramento, for constructing a reinforced concrete girder overhead crossing over the S. P. and Western Pacific railroad tracks at Greenville, consisting of one 50-ft. 6-in. span, eight 49-ft. spans, and one 16-ft. antilever.

## BIDS WANTED

SAN MATEO COUNTY, Cal.—As previously reported, until October 6, 2 P. M., bids will be received by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Court House, Redwood City, for the construction of a 140-ft. long reinforced concrete bridge and grading road approaches on the Pescadero Road, three miles west of San Mateo County Memorial Park.

Plans and specifications may be obtained at the above office upon deposit of \$2.00.

## BIDS WANTED

SACRAMENTO CO., Calif.—Until October 4, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. E. Patterson, County Clerk, Room 201, Court House, Sacramento, for the lengthening of the timber and concrete bridge over Linda Creek on Indiana Avenue.

## Work involves:

- (1) Lump sum, for the tearing out of old abutments and footings, raising the deck etc.;
- (2) 70 c.y. Class A, 6-sack concrete in place in the structure;
- (3) 5,700 lbs. reinf. steel in place in the concrete in structure;
- (4) 3,600 MFBM furnish only redwood posts, a cap, wales and cross bracing;
- (5) 4,200 MFBM placing do;
- (6) 5,782 MFBM furnishing and placing redwood stringers, scabs and bridging;

- (7) 5,280 MFBM furnishing and placing laminated flooring;
- (8) 1,715 MFBM furnishing and placing rail material, inc. all painting
- (9) 300 c.y. excavation and necessary backfill.

Plans and specifications may be obtained at the office of the County Engineer upon deposit of \$10.00.

## BIDS WANTED

LOS ANGELES, Calif.—Until Oct. 13th, 2 p.m. (postponed from October 12th), bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, Los Angeles, for constructing a steel concrete and timber bridge on Mulberry Road over La Mirada Slough. It will have one 60-ft. span with 24-ft. roadway, reinforced concrete deck and wood bulkhead and abutments.

## Work involves:

- (1) 21,84 tons struc steel (to be furnished by the county);
- (2) 523 tons struc steel (to be furnished by contractor);
- (3) 950 lbs. bolts, etc.;
- (4) 23 gals. paint;
- (5) 8760 lbs. reinf. steel;
- (6) 428 c.y. excav.;
- (7) 350 c.y. washers;
- (8) 16,000 bd. ft. creosoted Douglas fir;
- (9) 53 c.y. remove old concrete.

Plans were prepared by W. B. Armstrong, county bridge engineer. Mame B. Beatty, clerk of the board. \* 21

## BIDS WANTED

SANTA CRUZ CO., Calif.—Until October 7, 2:30 p.m., bids will be received by the Santa Cruz County Board of Supervisors, H. E. Miller, County Clerk, Court House, Santa Cruz, for the construction of Felton Bridge, a reinforced concrete bridge over San Lorenzo River, Santa Cruz County.

## Work involves:

- (1) 700 c.y. structure excavation (dry without classification, including clearing and grubbing);
- (2) 220 c.y. structure excavation (wet without classification);
- (3) 902 c.y. Class A concrete, in place;
- (4) 35 c.y. Class F concrete, in place;
- (5) 186,000 lbs. reinforcing steel, in place;
- (6) One only, lighting system.

Plans and specifications may be obtained at the office of the County Surveyor, Lloyd Bowman, Court Hse., Santa Cruz, upon deposit of \$10.

## BIDS WANTED

SAN JOAQUIN AND SACRAMENTO COS., Calif.—Until October 20th, 2 p.m., bids will be received by the State Division of Highways, C. H.

Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete slab bridges across Dry Creek about one mile east of Galt; one consisting of seven 22 ft. 0 in. spans, one 15 ft. 0 in. span, and two 7 ft. 6 in. spans; the other consisting of thirty-four 22 ft. 0 in. spans, five 15 ft. 0 in. spans, and two 7 ft. 6 in. spans, all supported by reinforced concrete pile bents, San Joaquin and Sacramento Counties.

## Work involves:

- (1) 75 c.y. struc. excav.;
- (2) 650 tons untreated crushed gravel or stone surf.;
- (3) 20 tons liq. asphalt, SC-3;
- (4) 330,000 lbs. bar reinf. steel;
- (5) 1,360 c.y. class A Portland cement concrete;
- (6) 6,800 lbs. misc. steel;
- (7) 2,140 lf. solid timber railing;
- (8) 1 lot misc. items of work;

## ALTERNATE A:

- (9) 7,350 lf. furnishing precast concrete piles standard specification type;
- (10) 147 each, driving precast concrete piles, standard specification type;

## ALTERNATE B:

- (11) 7,350 lf. furnish precast concrete piles, centrifugally spun type;
- (12) 147 each, driving precast concrete piles, centrifugally spun type;

## ALTERNATE C:

- (13) 7,350 lf. furnish concrete piles, cast in place type, not requiring mandrel;
- (14) 147 each, driving steel shells, type not requiring mandrel;
- (15) 7,350 lf. furnish concrete piles, cast in place, mandrel type;
- (16) 147 each, driving steel shells, mandrel type.

NOTE: A bidder is required to submit a bid on one alternate and may, but is not required to, submit bids on all alternatives.

Plans and specifications may be obtained at the above office.

## BIDS WANTED

SAN MATEO CO., Calif.—As previously reported, until Oct. 6, 2 p.m., bids will be received by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Court House, Redwood City, for the construction of a 140-ft. reinforced concrete bridge and grading road approaches on the Pescadero Road, 3 miles west of San Mateo County Memorial Park.

## Work involves:

- (1) 530 c.y. struc. excav. above elevation 50;
- (2) 50 c.y. struc. excav. below elevation 50;
- (3) 1280 lf. furnishing Douglas fir piling;
- (4) 1280 lf. driving Douglas fir piling;
- (5) 98,000 lbs. reinforcing steel, in place;
- (6) 140 c.y. Class A Portland cement concrete, in place;
- (7) 225 c.y. Class D Portland cement concrete, in place;
- (8) Lump sum, clearing and grubbing right of way, 60 ft. wide;
- (9) 150 c.y. riprap.

Plans and specifications may be obtained at the above office upon deposit of \$2.00.

## BIDS WANTED

PIERCE CO., Wash.—Until Oct. 20, 10 a.m. bids will be received by the U. S. Bureau of Public Roads, W. H.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street  
Sacramento • California

Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Oregon, for the construction of a 78-ft. span, filled spandrel, stone faced, reinforced concrete arch bridge over Deer Creek, together with .0288 mile approach grading, Mt. Rainier National Park, East Side Highway Project 5-D, Deer Creek Bridge and Approach Grading, Mt. Rainier National Park, Pierce County, Wash.

Work involves:

- (1) All req'd. extra and misc. force account work;
- (2) 3,300 c.y. unclass. excav.;
- (3) 700 c.y. Class A concrete;
- (4) 61,900 lbs. reinforcing steel;
- (5) 1,130 c.y. Class A cement stone masonry (walls);
- (6) 200 c.y. Class A cement stone masonry (facing);
- (7) 209 lf. Class A cement stone masonry (ringstones);
- (8) 960 sq. ft. Class A cement stone masonry (ringstones);
- (9) 900 sq. yd. membrane waterproofing;
- (10) All req'd. maintenance of special detour.

Plans and specifications may be obtained from the above office upon deposit of \$10.00.

**23— CANALS**

**BIDS OPENED**

**BOISE PROJECT, Idaho.**—Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants' Exchange Building, San Francisco, at \$174,333.90 submitted the low bid to the U. S. Bureau of Reclamation, J. C. Page, Comm'r., Boise, Idaho, under Spec. No. 751, for the construction of earthwork canal lining and structures, station 157 to station 477+25, Black Canyon canal, Payette Division, Boise Project.

Work involves:

- (1) 701,000 c.y. excav., common, for canal;
- (2) 10,300 c.y. excavation, rock, do;
- (3) 66,000 c.y. excavation for core banks;
- (4) 300,000 sta. c.y. overhaul;
- (5) 26,700 c.y. excav., common, for structures;
- (6) 300 c.y. do, rock for struc.;
- (7) 16,300 c.y. excav., common, for drain channels and dikes;
- (8) 300 c.y. excav., rock, for do;
- (9) 6,000 c.y. compacting canal embankment;
- (10) 500 sq. yds. prepare rock foundations for concrete lining;
- (11) 11,500 sq. yds. trimming earth foundations for conc. lining;
- (12) 50,000 c.y. earth lining of canal;
- (13) 1,000 c.y. gravel blanket on inside slope of canal embankment
- (14) 15,100 c.y. backfill about struc.;
- (15) 3,750 c.y. puddling or tamping backfill;
- (16) 2,340 c.y. concrete in struc.;
- (17) 1,220 c.y. concrete in canal lining;
- (18) 425,900 lbs. placing reinf. bars;
- (19) 3,200 sq. yds. dry rock paving;
- (20) 20 c.y. riprap;
- (21) 77,000 lbs. erecting structural steel in highway bridge;
- (22) 154 MFEM erecting timber in bridges;
- (23) 6,000 lf. removing existing pipe lines;
- (24) 1,500 lbs. install 4- and 6-in. dia. metal pipe;
- (25) 50 lf. install 24- and 30-in. dia. corrugated metal pipe;
- (26) 600 lf. lay 4-in. dia. conc. pipe with cemented joints;
- (27) 900 lf. const. 6-in. dia. underdrains with cemented joints.
- (28) 4,408 lf. lay 6-in. dia. conc. pipe with cemented joints;
- (29) 600 lf. lay 8-in. dia. do;
- (30) 340 lf. lay 10-in. dia. do;

- (31) 2,000 lf. lay 12-in. dia. concrete lock-joint pipe;
- (32) 958 lf. lay 15-in. dia. concrete lock-joint pipe;
- (33) 294 lf. lay 18-in. dia. concrete lock-joint pipe;
- (34) 30,750 lbs. installing gates and and gate hoists;
- (35) 6,400 lbs. installing misc. metal work.

Total bids follow:

(A) Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants Exchange Bldg., San Francisco, \$174,333.90.

(B) George B. Henly Const. Co., Ontario, Oregon, \$180,606.20.

Unit prices follow:

	(A)	(B)
(1)	\$ .07	\$ .08
(2)	.....	.....
(3)	.....	.....
(4)	.....	.....
(5)	.....	.....
(6)	.....	.....
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(15)	.....	.....
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(18)	.....	.....
(19)	.....	.....
(20)	.....	.....
(21)	.....	.....
(22)	.....	.....
(23)	.....	.....
(24)	.....	.....
(25)	.....	.....
(26)	.....	.....
(27)	.....	.....
(28)	.....	.....
(29)	.....	.....
(30)	.....	.....
(31)	.....	.....
(32)	.....	.....
(33)	.....	.....
(34)	.....	.....
(35)	.....	.....

**CONTRACT AWARDED**

**OWYHEE PROJECT, Oregon-Ida.**—Henry L. Horn, Nyssa, Oregon, at \$22,551, was awarded contract by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Boise, Idaho, under Spec. No. 962-D, for the construction of structures South Canon lateral, S.C. 57, Station 0 to Station 195, and sublaterals, Succor Creek division, Owyhee Project, Oregon-Idaho.

**BIDS OPENED**

**YAKIMA PROJECT, Wash.**—Guthrie-McDougall Co., Portland, and Mark C. Walker & Son Co., Omaha, Neb., at \$486,645.90 submitted the low bid to the U. S. Bureau of Reclamation, John C. Page, Commissioner, Yakima, Wash., under Spec. No. 748, for the construction of earthwork, canal lining and structures, station 1120 to station 1595, Yakima Ridge Canal, Rosa Division, Yakima Project.

Total bids follow:

Guthrie-McDougall Co., Portland, and Mark C. Walker and Son Co., Omaha, Neb.,	\$486,645.90
Barnard-Curtiss, Yakima,	553,281.75
H. J. Adler Const. Co., Yakima	567,943.75
Florito Bros., Inc., Seattle,	566,807.75
J. A. Terteling & Sons Boise	580,701.37
Morrison-Knudsen Co., Inc., Boise	583,077.85
L. Romano Engr. Corp., Seattle	956,566.50

**BIDS WANTED**

**TUOLUMNE CO., Calif.**—Until Oct. 8, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Contract No. 172, for installing and furnishing steel line plates in Moccasin Division Conduit, Tuolumne County, Calif.

Work involves:

- (1) 100 c.y. excavation;
- (2) 135 bbls. portland cement;
- (3) 30 c.y. concrete in conduit invert
- (4) 30 c.y. mortar;
- (5) 2900 liner plates;
- (6) 800 anchor bolts.

Plans and specifications may be obtained at Room 605, 425 Mission St. San Francisco, upon deposit of \$10.

**24—STREET LIGHTING**

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Scott-Buttner Electric Co., 2214 Webster St. Oakland, at \$52,595.00 was awarded contract by the Constructing Quartermaster, Sacramento Air Depot for the construction and completion of an electric distribution and street lighting system at the Sacramento Air Depot.

**25—MACHINERY AND EQUIPMENT**

**BIDS OPENED**

**SACRAMENTO, Cal.**—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 12225 for one 10-ft. dual-drive pneumatically-tired motor grader:

- Spears-Wellis Machinery Co., Oakland: \$3785.00; 15 days; \$100, 10 days.
- Austin Western Machinery Co., San Francisco: \$3883.90 (alternate \$4091.40) 20 days; 2% to 10 days.
- Jenison Machinery Co., San Francisco: \$3785.00; 2 to 3 days, 2% to 30 days.
- Edward R. Bacon Co., San Francisco, Allis Chalmers, \$3599.00, 5 days; 2% to 20 days.
- J. D. Adams Co., San Francisco: \$3761.65, 21 days; 2% to 30 days.

**CONTRACT AWARDED**

**WEAVER-IRVING TRACTOR CO., Sacramento:** \$446,693, 3 to 4 weeks, \$83.00, 30 days.

**BIDS OPENED**

**SACRAMENTO, Cal.**—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 251804, for one 4½-yard gasoline engine powered shovel:

Northwest Engineering Co., San Francisco: \$7770.00, 2 weeks, 2% to 30 days.

Browning Crane & Shovel Co., Los Angeles: \$7877.00, 4 to 6 weeks; net. Harnischfeger Patrol, San Francisco: \$6500.00, 14 days, \$365, 15 days.

A. L. Young Mch'y. Co., Inc., San Francisco: \$7215.75, 21 days net.

Spears-Wellis Mch'y. Co., Oakland: \$6400.00, 12 days; \$300, 10 days.

Garfield Co., San Francisco: \$5,731.50 (alternate \$6700) 25 days; net

Edw. R. Bacon Co., San Francisco: \$7731, 2 weeks, 5% to 10 days.

Norris K. Davis Co., San Francisco: \$8014.20, 21 days, 2% to 30 days.

Rix Co., Inc., San Francisco: \$6,297.50, 3 days; net.

O. R. Peterson Co., San Francisco: \$7470.00, 20 days; 1% to 30 days.

Harron-Rickard & McCone, San Francisco: \$6636.00; 15 days; 3% to 30 days.

Electric Steel Foundry Co., S. F.: \$7000, 20 days; ½ of 1% to 30 days Alternate, \$6311.50.

## BIDS OPENED

**EUREKA, Humboldt Co., Calif.—**  
**REKA and Gravel Trucking Co., 4605 El**  
**Centro Ave., Oakland, at \$233 per**  
 tour each, submitted low bid to the  
 State Division of Highways, J. W.  
 Vickrey, District Engineer, District  
 1, 546 W. Wash. Ave., Eureka, for  
 rental of two 3-yard dump trucks,  
 not to exceed 300 hours each.

Total bids follow:

	per hr. ea.
Rock & Gravel Trucking Co., 4605	
El Centro Ave., Oakland.....	\$2.33
A. C. Mead, Port Arena.....	2.40
Dewar's Express, Eureka.....	2.43
Paul Entremont, Colusa.....	2.43
K. I. Dowdy, San Francisco.....	2.43
Hayward Bldg. Mtls. Co., Hay-	
ward.....	2.43
R. M. Taylor, Sutterwood.....	2.43
G. R. Starkenburg, L. A.....	2.43
Chas. Burnside, Glendale.....	2.43
Ashtar Bros. and W. E. Sin-	
clair, Hopland.....	2.43
S. R. Longwell, San Francisco.....	2.43
J. Starkenburg, Los Angeles.....	2.43
Ass. Los Angeles.....	2.43
W. E. Sinclair, Miranda.....	2.43
John Vance, Eureka.....	2.43
San Bruno Feed & Fuel Co., San	
Francisco.....	2.83 1/2
W. L. Morgan, Pasadena.....	3.20

## BIDS OPENED

**SAN FRANCISCO.—Western Pipe**  
**& Steel Co., 5717 Santa Fe Avenue,**  
**Los Angeles, at \$380.00** submitted the  
 low bid to Forest Service Regional  
 Office, P. C. Brown, Procurement  
 Officer, 1022 Phelan Bldg., 760 Market  
 St., under Bid No. 1171, for two  
 fire suppression water tanks, 5,000-gal.  
 capacity, for semi-permanent instal-  
 lation of platforms; **for shipping**  
**point and/or Pacoima, Calif.**

Total bids follow:

Western Pipe & Steel Co., 5717	
Santa Fe Ave., Los Angeles, \$380.00;	
for Los Angeles; net.	
J. F. Holbrook Co., Los Angeles;	
\$399.00; for Los Angeles; \$409.00 for	
Pacoima; net.	
National Tank & Mfg. Co., Los An-	
geles, \$436.00 for Los Angeles; \$438	
for Pacoima; net.	
Berkeley Steel Const. Co., Berke-	
ley, \$450.00 for Berkeley; net.	

## BIDS WANTED

**LOS ANGELES, Calif.—Until Oct.**  
**5, 3 p. m., bids will be received by**  
**U. S. Engineer, Los Angeles, for**  
**RENTAL of construction equipment**  
**for 12 months for use at Hansen Re-**  
**tarding Basin, under Circ. Prop. 58.**  
 The items are:

- (1) Two 4 1/2-cy. electric tractor mounted shovels, equipped for conversion to draglines; 24 mo.;
- (2) One 3 1/2-cy. tractor mounted shovel; 12 mo.;
- (3) Two 2 1/2-cy. tractor mounted shovels, equipped for conversion to draglines; 24 mo.;
- (4) Five 20-cy. dump trucks; 60 mo.;
- (5) Twenty-one 24-cy. dump trucks; 252 mo.;
- (6) Twelve 6-cy. dump trucks; 144 mo.;
- (7) Four 95-hp. tractors, equipped with bulldozers; 48 mo.;
- (8) One 95-hp. tractor, without bulldozer; 12 mo.;
- (9) Eleven 75-hp. tractors, equipped with bulldozers; 132 mo.;
- (10) Five dual assembly sheepsfoot rollers, weight not less than 28,000 lbs. ea., empty; 60 mo.;
- (11) One single sheepsfoot roller, wt. not less than 3,000 lbs. empty; 12 mo.;
- (12) One dual assembly sheepsfoot roller, weight not less than 6,000 lbs. empty; 12 mo.;
- (13) Two 10-in. centrifugal pumps, capacity not less than 22.5 g.p.m. at 500 ft. head, complete

with shaft, pipe and all electric equipment; 24 mo.;

- (14) One 50-passenger bus; 12 mo.;
- (15) One 7-ton capacity truck crane; 12 mo.;
- (16) One truck mounted, electric motor driven, 400-amp. electric welder; 12 mo.;
- (17) One truck mounted, gas engine motor driven, 300-amp. electric welder; 12 mo.;
- (18) Two road patrol graders, equipped with 12-ft. blade; 24 mo.;
- (19) Six 360-cu. ft. portable air compressors; 12 mo.;
- (20) One machine shop and garage building, with equipment; 12 mo.;

**NOTE: Unit of "month" shall mean**  
**per month per piece of equipment.**

Machine shop and garage to be 40 x 250 ft., with the following equipment:

- 1—Motor driven 20-in. quick change lathe;
- 1—Motor driven pedestal grinder with mandrel for two 12-in. wheels;
- 1—Motor driven bolt threading machine;
- 1—Motor driven forging hammer;
- 1—Motor driven air compressor, size 12 by 12 in., with air receiver;
- 1—Motor driven 1,000-lb. capacity overhead hoist, with rail approximately 60 ft. in length;
- 1—Motor driven 1,000-lb. capacity overhead hoist, with rail approximately 18 ft. in length;
- 1—Motor driven 6-in. power hack saw;
- 1—Motor driven vertical hydraulic press, size limits approx. 44 in. by 60 in.;
- 1—Motor driven 16-in. shaper filled with double screw shaper vise and shaper tools;
- 1—Motor driven air compressor, for auto tires, size approx. 7.6 in. by 6 in.;
- 1—Motor driven overhead traveling crane, capacity approx. 2 1/2 tons in center of cross beam, length of cross beam approx. 39 ft., lengthwise travel approx. 280 ft., crane to be fitted with 5-ton capacity chain fall block;
- 1—75-ton jack;
- 2—50-ton jacks;
- 2—15-ton jacks.

All other miscellaneous tools, including power greasing and cleaning equipment, necessary to fully equip a complete machine shop capable of servicing and repairing the items of equipment noted herein.

**AWARD WILL BE MADE AS A**  
**WHOLE TO ONE BIDDER. \* 25**

## BIDS OPENED

**SAN FRANCISCO.—W. H. Cowen,**  
**1114 Sutter St., at \$278.40** submitted  
 low bid to the U. S. Engineer Office,  
 Lieut.-Col. J. A. Dorst, District En-  
 gineer, 401 Custom House, San Fran-  
 cisco, under Bid No. 868-38-42, for  
 furnishing paving breaker complete  
 with 300 ft. of French air hose; for  
 Yerba Buena Island.

The following submitted identical  
 bids at \$292.29: Ingersoll-Rand Co.,  
 Gardner-Denver Co.; The Rix Co.,  
 Inc.; Chicago Pneumatic Tool Co.,  
 and the Independent Pneumatic Tool  
 Co., all of San Francisco.

September 30, 1937

## BIDS OPENED

**SACRAMENTO, Cal.—The follow-**  
**ing submitted bids to the State Pur-**  
**chasing Agent, 319 State Capitol,**  
**Sacramento, under Reg. No. 4139,**  
 for one 7-cf. concrete mixer:  
 A. L. Young Mch. Co., Inc., San  
 Francisco; \$101.00; 8 days; net.

Harron-Birkard & McCone, San  
 Francisco; \$137.00; 10 days, 5% 10  
 days.

Robertson Engr. Co., San Fran-  
 cisco; \$1440.00; 18 days, 5% 30 days.  
 Norris K. Davis, Inc., San Fran-  
 cisco; \$1275.00; 14 days, 5% 10 days.  
 Garfield & Co., San Francisco; \$1-  
 070.00; 10 to 12 days; net.

Jenison Machinery Co., San Fran-  
 cisco, Cham Belt Co.; \$1341.00; 14  
 days, 5% 10 days.

E. R. Bacon Co., San Francisco;  
 \$1170.00; 15 days, 15% 10 days.

25

## BIDS WANTED

**BOULDER CANYON PROJECT.**  
 —Until October 15, 2 P. M., bids will  
 be received by the Bureau of Recla-  
 mation, F. R. Walter, Chief Engi-  
 neer, Denver, Colo., under Spec. No.  
 975-D, for strainers, water jet edu-  
 cators, water pressure regulators, float  
 cages with valves and air pressure  
 relief valves for installation in the  
 Boulder Power Plant, Boulder Can-  
 yon Project, Arizona-Calif.-Nevada.  
 Apparatus will be installed by the  
 Government; for shipping point and/  
 or Boulder City, Nevada.

Plans and specifications may be  
 obtained from the above office.

## BIDS WANTED

**BOULDER CANYON PROJECT.**  
 —Until October 25, 2 P. M., bids will  
 be received by the Bureau of Recla-  
 mation, F. R. Walter, Chief Engi-  
 neer, Denver, Colo., under Spec. No.  
 981-D, for seven 18-ft. by 17-ft. 6-in.  
 radial gates, four 14-ft. by 6-in. ra-  
 dial gates for the Pilot Knob check  
 and wasteway; two 16-ft. 9-in. by  
 13-ft. 7-in. radial gates and four  
 7-ft. 6-in. by 6-ft. radial gates for the  
 New River crossing; and two  
 8-ft. by 7-ft., 5-in. radial gates, one  
 8-ft. by 6-ft. 2-in. radial gates, one  
 6-ft. by 6-ft. 8-in. radial gate, two  
 12-ft. by 13-ft. 3-in. radial gates,  
 three 10-ft. 8-in. by 12-ft. radial  
 gates, and four 14-ft. by 11-ft. 9-in.  
 radial gates for the New Wistaria,  
 Woodbine, Woodward, and West  
 Side main canal turnouts and for the  
 Wistaria and Woodbine checks on the  
 All-American Canal, Boulder  
 Canyon Project. Gates will be in-  
 stalled by the Government; for the  
 shipping point and/or railroad desti-  
 nation.

Plans and specifications may be  
 obtained from the above office.

## CONTRACT AWARDED

**LOS ANGELES, Calif.—The Bristol**  
**Co., at \$444,450,** was awarded the  
 contract by the Metropolitan Water  
 District for water level and gate po-  
 sition instruments for aqueduct  
 pumping plants control board, f.o.b.  
 Los Angeles; Bid No. 87079.

## BIDS OPENED

**ALLI - AMERICAN CANAL.—The**  
**following submitted bids to Bureau**  
**of Reclamation, S. O. Harper, Act-**  
**ing Chief Engineer, Denver, under**  
**Spec. No. 969-D, for three 60,000-lb.**  
**capacity, double-drum radial gate**  
**bolts for installation in the Gila**  
**Valley canal headworks at the Im-**  
**perial Dam, All-American Canal**  
**System, Boulder Canyon Project. In-**  
**stallation will be made by the Gov-**  
**ernment:**

Commercial Iron Works, Los An-  
 geles, \$2,710; for Los Angeles.  
 Foote-Bros. Gear & Machine Corp.,  
 Chicago, \$9,650; for Chicago.  
 Smith Corp., doing business as Gen-  
 eral Iron & Steel Works, Port-  
 land, Ore., \$16,750; for Portland.  
 Commercial Iron Works, Portland,  
 Ore., \$10,175; for Portland.  
 Consolidated Steel Corp., Ltd., Los  
 Angeles, \$10,965; for Los An-  
 geles.  
 Valley Iron Works, Inc., Yakima,  
 Wash., \$1,265.00.

## BIDS OPENED

**SAN FRANCISCO**—Pacific Truck Service, 646 Park Ave., San Jose at \$3.99 per hour, submitted low bid to the State Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental for approximately 300 hrs. of one truck mounted power shovel unit, equipped with shovel dipper and clamshell, not less than 4/10 cubic yard capacity, not over two years old, for use in Santa Cruz and Santa Clara Counties.

Total bids follow:

Pacific Truck Service, 646 Park Ave., San Jose—\$3.99 per hr.  
C. E. Huls, Merced—\$4.75.  
Adams Const. Co., San Francisco—\$5.00.  
F. A. Lance, San Jose—\$6.25.  
Western Crane Service Corp., Oakland—\$8.00.

## BIDS OPENED

**KENDRICK PROJECT, Wyo.**—The following submitted bids to the Bureau of Reclamation, John C. Page, Commissioner, Denver, under Spec. No. 753, for trash-rack metal work for the outlet works trash-rack structure and for three power-penstock trash-rack structures for the Seminoe Dam, Kendrick Project, Wyo. Installation will be made by the Government; f.o.b. shipping point and/or Parco, Wyo.

John W. Beam, Denver, Colo.—(1) \$21,000, (2) \$29,700, (3) \$7900, (4) \$4,200; f.o.b. Peotone, Ill.  
Independent Iron Wks., Ltd., Oakland, Calif.—(1) \$20,259, (2) \$31,609, (3) \$5969, (4) \$7799; f.o.b. Oakland, Calif.

Hunter Steel Co., Pittsburgh, Pa.—(1) \$21,900, (2) \$33,400, (3) \$5700, (4) \$5400; f.o.b. Neville Island, Pa. Combination bid (1 & 2) \$51,940, (1, 2 & 3) \$57,400; (1, 2, 3, 4) \$61,940.

St. Louis Structural Steel Co., East St. Louis, Ill.—(1) \$17,700, (2) \$28,156, (3) \$5177; f.o.b. East St. Louis, Ill.

Lakeside Bridge & Steel Co., Milwaukee, Wis.—(1) \$21,587, (3) \$36,382, (3) \$6613, (4) \$4616.

Arthur J. O'Leary & Son Co., Chicago, Ill.—(1) \$18,000, (2) \$43,700, (3) \$6100, (4) \$2600; f.o.b. Chicago, Ill.

Smith Corp., a.b.a. General Iron & Steel Works, Portland, Oregon—(3) \$6995, (4) \$4435; f.o.b. Portland, Ore.

Bethlehem Steel Co., Bethlehem, Pa.—(1) \$47,148, (2) \$62,137, (3) \$10,592, (4) \$8657; f.o.b. Leetsdale, Pa.

Spuck Iron & Foundry Co., St. Louis, Mo.—(1) \$22,884, (2) \$39,674, (3) \$5883, (4) \$2350; f.o.b. St. Louis, Mo. Combination bid (1 & 2) \$25,000.

Reliance Steel Products Co., Rankin, Pa.—(1) \$19,140, (2) \$27,300, (3) \$5238; f.o.b. Rankin, Pa. Combination bid (1, 2 and 3) \$51,660.

Pacific Coast Engineering Co., Oakland, Calif.—(1) \$21,800, (2) \$33,800, (3) \$6550, (4) \$4500; f.o.b. Oakland, Calif.

American Bridge Co., Denver, Col.—(1) \$23,066, (2) \$41,852, (3) \$6942, (4) \$5670; f.o.b. Gary, Ind.

Warden Allen Co., Milwaukee, Wis.—(1) \$21,370, (3) \$6050, (4) \$3169; f.o.b. Milwaukee, Wis.

Southwest Welding & Mfg. Co., Inc., Alhambra, Calif.—(1) \$19,143, (2) \$28,268, (3) \$8972, (4) \$3047; f.o.b. Alhambra, Calif.

Kansas City Structural Steel Co., Denver, Colorado—(1) \$30,333, (3) \$6,793; f.o.b. Parco, Wyo.

Silver Roberts Iron Works, Inc., Denver, Colo.—(1) \$21,600; f.o.b. Parco, Wyo.—(1) \$4300; f.o.b. Denver, Colo.  
Berkeley Steel Corp., Inc., Berkeley, Calif.—(1) \$24,250, (2) \$35,300; f.o.b. Berkeley; combination bid (1 and 2) \$59,550.

## BIDS OPENED

**OWYBEE PROJECT, Oregon-Ia.**—The following submitted bid to the Bureau of Reclamation, Denver, under Spec. No. 971-D, for (1) 2300-volt switching equipment, complete with circuit breakers and control apparatus; (2) four 1000-kva, single-phase, 60-cycle, oil-insulated, self-cooled transformers; (3) one 69-kv lightning arrester for the Owybee Ditch pumping plant, f.o.b. shipping point and/or Dunaway, Ore. Apparatus will be installed by the Government.

McFage McKenney Co., Seattle, Wash.—(1) \$9850 f.o.b. Seattle, (2) \$19,499, (3) \$187416, f.o.b. Dunaway, Oregon.

Wolfe Mann Mfg. Co., Baltimore, Md.—(1) \$6893 f.o.b. Baltimore.

American Transformer Co., Newark, N. J.—(2) \$17,100 f.o.b. Dunaway, Oregon.

Standard Transformer Co., Warren, Ohio—(2) \$16,196 f.o.b. Warren.

Pennsylvania Transformer Co., Pittsburgh, Pa.—(2) \$16,240 f.o.b. Dunaway, Oregon.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—(1) \$8780, (2) \$18,952 f.o.b. Dunaway, Oregon.

General Electric Co., Schenectady, N. Y.—(1) \$8884, (2) \$19,499, (3) \$1,87416 f.o.b. Dunaway.

Wagner Electric Corp., St. Louis, Mo.—(2) \$17,956 f.o.b. Dunaway.

Wagner Electric Co., St. Louis, Mo.—(1) \$18,312 f.o.b. Dunaway.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—(1) \$5,675, (2) \$19,629, (3) \$187416 f.o.b. Dunaway.

Roller Smith Co., Bethlehem, Pa.—(1) \$5,202 f.o.b. Bethlehem.

## BIDS OPENED

**SACRAMENTO, Calif.**—Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles—\$3691, submitted low bid to the State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 3127, for furnishing one tandem-drive motor-grader; f.o.b. San Luis Obispo.

Total bids follow:

Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles—\$3691.

Spears Well Machinery Co., Oakland—\$3785.

Austin Western Machinery Co., San Francisco—\$3883.90.

Langston Co.—\$3999.

J. D. Adams, Sacramento—\$4367.95.

Weaver-Rye Tractor Co., Sacramento—\$4446.92.

## BIDS WANTED

**BOULDER CANYON PROJECT.**—Until Oct. 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 750, for two 25,000-volt bus structures, 2 138,000-volt disconnecting switches, and one transformer neutral bus structure, for installation in Boulder power plant, Boulder Canyon Proj., Arizona-Calif.-Nev. Apparatus will be installed by the Government; fob shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

## BIDS WANTED

**SACRAMENTO, Calif.**—Until Oct. 5, 3 P. M., bids will be received by the U. S. Engineer Office, Lieutenant B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Cir. Proposal 1105-38-87 for the leasing of one dragline excavator on bank grading and miscellaneous work along the Sacramento River from Colusa to Knights Landing.

Plans and specifications may be obtained from the above office.

## BIDS OPENED

**BOULDER CANYON PROJECT.**—The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 970-D, for structural steel transmission towers and switchyard structures for the Pioche transformer circuit and switch station at the Boulder switchyard, Boulder Canyon Project, f.o.b. shipping point and/or Boulder City. Structures will be erected by the Government.

International Derrick & Equip. Co., Torrance, Calif., at \$13,423; f.o.b. Torrance.

Ensco Derrick & Equipment Co., Los Angeles, at \$12,381; f.o.b. Los Angeles.

Bethlehem Steel Co., Bethlehem, Pa., at \$12,700; f.o.b. Boulder City, Nevada.

## BIDS OPENED

**SANTA MONICA, Los Angeles Co. Calif.**—The following submitted bids to the Santa Monica City Council for furnishing a fire department pumping engine:

Mack International Motor Truck Corp.—Mack engines, type 75, \$12,000; type 19, \$14,880; type 21, \$16,840; trade-in allowance, \$500.

American-La France & Foamite Industries, Inc.—La France engine, \$12,355, or \$11,755 with different type; trade-in allowance, \$100.

General Fire Truck Corp.—General engine, \$11,585.55; trade-in allowance, \$250.

Buffalo Fire Appliance Corp.—Buffalo engine, \$9478.50; trade-in allowance, \$500.

Ahrens-Fox Engine Co.—Ahrens-Fox engine, \$11,918.60; trade-in allowance, \$100.

F. S. & W. W. Hirsch—Seagrave engine, \$12,409; \$12,035.50 and \$11,740.50, depending on hose equipment carried; trade-in allowance, \$100.

## CONTRACT AWARDED

**EL CENTRO, Imperial Co., Calif.**—American-La France-Foamite Industries, Corp., at \$13,985 was awarded the contract by the El Centro city council for furnishing a 10-ton, 12-cylinder, 1000-1250 gal. capacity fire pumping engine.

## BIDS WANTED

**LOS ANGELES, Calif.**—Until October 13, 3:30 p.m. bids will be received by County Sanitation District No. 2, 4th floor, Times-Mirror Bldg., 110 South Broadway, for furnishing fob Joint Disposal Plant at Harbor Plant at Harbor City, the following:

(1) two 30-in. low-pressure, iron body, bronze mounted, flanged, pneumatically operated wedge gate valves with indicator rods, or, as an alternate, without indicator rods. Plans and specifications may be obtained at the office of the Chief Engineer, A. K. Warren, at the above address. Certified or cashier's check or surety company bond for 10% must accompany each proposal. A. S. Soule, Secretary.

## BIDS WANTED

**KENDRICK PROJECT, Wyo.**—Until October 18, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 975-D, for one 8.5 ft. by 8.5 ft. bulkhead gate and one 10.5 ft. by 15.33 ft. bulkhead gate and three bulkhead gate frame assemblies for the power penstocks at the Seminoe Dam, Kendrick Project, Wyo. Materials will be installed by the Government; fob shipping point and/or Parco, Wyo.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**SAN FRANCISCO**—The following unsubmitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1908, for furnishing one diesel engine for the school department.

- 1) One only 3-cylinder 6½ by 8½-inch, 45-h.p. Marine Diesel engine, Atlas Imperial or approved equal. Complete with basic engine equipment and spare equipment "A".
- 2) Alternate: One only Atlas Imperial 4-cylinder 6x8-in., 60-h.p. Industrial type engine or approved equal, complete with basic engine equipment and spare equipment "A".

Enterprise Engine Corp., San Francisco, (1) \$4088.10; (2) \$3716.90; net. Atlas-Imperial Diesel Engine Co., Oakland, (1) \$2830.40; (2) \$3143.56; net.

C. H. Bull Co., San Francisco, (1) \$742.56; (2) \$494.97.

H. Bull Company submitted a bid of \$1707.75 with reduction gear on tem 1.

**BIDS OPENED**

**BONNEVILLE, Ore.**— Bethlehem Steel Company, 20th and Illinois Sts., San Francisco, at \$30,473.50, submitted bid to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-28-80, for the construction and erection of a 115-kv switching and bus structure on the roof of the powerhouse, Bonneville, Ore.

- Work involves:
- (1) 365,000 lbs. galv. struc. steel, in place;
  - (2) 1 cu. cement grout;
  - (3) 250 cya. furn. and placing galv. anchor bolts;
  - (4) 65 lf. drilling and grouting 1½-in. anchor bolt holes.

Total bids follow:

(A) Bethlehem Steel Co., 20th and Illinois Sts., S. F.—\$30,473.50.

(B) A. S. Schulman Elec. Co., Chicago, Ill.—\$39,733.02.

Unit prices follow:

	(A)	(B)
(1).....	\$ .0825	\$ .106
(2).....	125.00	90.07
(3).....	21	47
(4).....	2.50	12.13

**BIDS OPENED**

**SAN FRANCISCO**—A. L. Young Machinery Co., Inc., 26 Fremont St., at \$7150.50 submitted low bid to T. A. Brooks, purchaser of supplies, Rm. 270, City Hall, under Bid No. 1903 for furnishing one 1200-gallon motor-driven street flusher.

Black International Motor Truck Corp. at \$7550.93 submitted the only other bid.

**BIDS WANTED**

**BOULDER CANYON PROJECT**.—Until October 22, 2 P. M., bids will be received by the Bureau of Reclamation, R. W. Water, Chief Engineer, Denver, Colo., under Spec. No. 980-D, for eight 15-ft. by 16-ft. 9-in. radial gates, four 14-ft. 6-in. by 16-ft. 3-in. radial gates, four 10-ft. by 15-ft. 3-in. radial gates, and two 8-ft. 6-in. by 8-ft. 9-in. radial gates. Plans and drawings Nos. 2, 3, 4, and 5 and the New Briar turnout on the All-American Canal, Boulder Canyon project. Gates will be installed by the Government; fob shipping point and/or railroad destination.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**LOS ANGELES, Cal.**—The following submitted bids to the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing one 24-in. 18-in. plunger valve, one 24-in. but-

terfly valve, and one 4-in. vacuum relief valve with control and operating devices, in accordance with Spec. No. 239.

Los Angeles Valve & Fittings Co.: (1) no bid (2) \$72.50; (3) no bid; fob Los Angeles; no discount; weight 1500 lbs. Stipulation: exception to paragraph 29 of spec. ad to leakage refund; 8 gals. instead of 2 gals. aa specified.

Joshua Hendy Iron Works: (1) \$373; (2) \$225; (3) no bid; fob San Francisco, Cal.; no discount; shipping weight, (1) 8500 lbs.; (2) 2900 lbs.

Pelton Water Wheel Co.: (1) \$4532; (2) \$2575; (3) \$298.70; fob 19th and Harrison Sts., San Francisco; no discount; no use tax; weights: (1) 9200 lbs.; (2) \$4500 lbs.; (3) 260 lbs.

Simplex Valve & Meter Co., Philadelphia: (1) (2) no bids; (3) \$85; fob Philadelphia; disc. 1% 10 days; weight: 225 lbs.; use tax not mentioned.

Valve & Primer Corp., Chicago: (1) (2) no bid; (3) \$75; fob Chicago; use tax \$2.25; total, \$77.25; disc. 2% 10 days; wt.: 90 lbs.

Davis Regulator Co., Chicago: (1) and (2) no bid; (3) \$50; fob Chicago; use tax, \$1.50; total, \$51.50; discount 1% 10 days; wt. 75 lbs.

Water Works Supply Co., Inc., Los Angeles: (1) and (2) no bids; (3) \$97.85; fob Los Angeles; discount 2% 30 days; wt. 175 lbs.; no use tax.

**BIDS OPENED**

**EL CENTRO, Imperial Co., Cal.**—The following submitted bids to the Board of Directors of Imperial Irrigation District, El Centro, for furnishing electric generating equipment for a hydro power plant located at Drop No. 4 on the All-American Canal about 15 miles east of Calexico in accordance with Spec. No. 1, copies of which may be obtained from the office of the district upon deposit of \$10, returnable. PWA Docket No. Calif. 1088-F-10.

Vertical Shaft 13,300-h.p. 150-rpm.

Hydraulic Turbine

Newport News Shipbuilding & Dry Dock Co., \$102,870.

S. Morgan Smith, \$105,350.

Baldwin-Southark Co., \$119,500.

Allis-Chalmers Mfg. Co., \$135,445.

Governor With Pumping Equipment for Turbine

S. Morgan Smith, \$135,751.

Baldwin-Southark Co., \$135,751.

Woodward Governor Co., \$13,571; alternate \$16,272.

Newport News Shipbuilding & Dry Dock Co., \$16,272.

One 12,000 kv-a Vertical Shaft Alternating Current Generator

Elliott & Co., \$119,450.13.

Allis-Chalmers Mfg. Co., \$139,423.89.

Westinghouse Elec. & Mfg. Co., \$142,655.

General Electric Co., \$144,005.35.

The bids were taken under advisement by M. J. Dowd, chief engineer, for analysis and recommendation.

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.**—Until October 4, 5 p.m., bids will be received by the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, Bakersfield, for furnishing and installing not less than 125 and not more than 160 parking meters, Bakersfield.

Plans and specifications may be obtained at the above office.

**29—STREETS AND HIGHWAYS**

**LOW BIDDER**

**GILA COUNTY, Ariz.**—N. G. Hill, Phoenix, at \$164,194.62, submitted low bid to the Arizona State Highway Commission, Phoenix, for subgradi-

ng, aggregate base course and asphaltic surface treatment to 20½ mi. of highway at the Gila-Navajo county line, Globe-Showlow Highway, F. A. Nos. 105-L,D,E,J,F & G.

- Work involves:
- (1) 20 miles subgrading roadway and asphaltic surface treatment
  - (2) 33,250 tons fine aggregate base course (CIP);
  - (3) 183,000 tons coarse aggregate base course (CIP);
  - (4) 3,150 M. gals. sprinkling (CIP);
  - (5) 1250 hours rolling;
  - (6) 131,000 gal. road oil, SC-2 (CIP);
  - (7) 280 tons stockpiling fine aggregate base course (CIP).
- Complete bids will be published shortly.

**BIDS OPENED**

**ST. HELENA, Napa Co., Calif.**—Helwig Const. Co., 115 S. Main St., Sebastopol, at \$3720 submitted low bid to the St. Helena City Council, E. Palmer, City Clerk, City Hall, St. Helena, for about 1.1 miles of scarifying, shaping, mixing and finishing road-mix pavement to two inches compacted on Charter Oak Ave., Allison Ave. and Pope Street between Route 49 northerly to a point 310 feet from the city limits.

- Work involves:
- (1) 16,000 sq. ft. road-mix surf;
  - (2) 16,000 sq. ft. seal coat;
  - (3) 100 c.y. gravel.
- Total bids follow:
- (A) Helwig Const. Co., 115 South Main St., Sebastopol, \$3720.00.
- (B) Spalletta & Siri, Santa Rosa, \$4390.
- (C) Harold Smith, St. Helena, \$4630.
- (D) F. E. Crews, Fairfax, \$5430.
- (E) Lee J. Himmel, Berkeley, \$5580.

Unit prices follow:

	(1)	(2)	(3)
(A) .....	\$248.00	\$1040.00	\$290.00
(B) .....	3210.00	1000.00	150.00
(C) .....	3560.00	1120.00	150.00
(D) .....	3200.00	1020.00	300.00
(E) .....	4000.00	1280.00	300.00

**BIDS WANTED**

**SAN FRANCISCO**—Until Oct. 13, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for the resurfacing of Ninth Avenue, between Kirkham and Ortega Streets. Estimated cost, \$3,843.00.

- Work involves:
- (1) 52,800 sq. ft. remove by heating existing asphalt wearing surface to a depth of one inch and replace with asphaltic concrete one inch in thickness;
  - (2) 135 tons asphalt concrete binder, in place.

Plans and specifications may be obtained at the office of the City Engineer, John J. Casey, City Hall, upon deposit of \$10.

**BIDS REJECTED**

**SAN FRANCISCO**—The Department of Public Works, Room 251, City Hall, rejected all bids under Spec. No. 19,967 for resurfacing Ninth Ave. between Kirkham and Ortega Sts.

**BIDS OPENED**

**SAN FRANCISCO**—M. H. Bertolini, 32 Showlow Street, San Francisco, at \$2,350 (\$90.25 per sq. ft.), submitted the only bid to the Dept. of Public Works, Room 251, City Hall, San Francisco, for the improvement of the south half of Carl Street, 132 ft. 6 in. by 157 ft. 6 in. west of Stanyan Street and various other locations.

- Work involves:
- (1) 10,000 sq. ft. of 2-course concrete sidewalk.

**CONTRACT AWARDED**

**SAN FRANCISCO**—The Pav Improvement Co., 760 Market Street, at \$1888.99, was awarded contract by

the Department of Public Works, Room 251, City Hall, for the improvement of 35th Avenue between Quintara and Rivera Streets; Quintara St. between 35th Ave. and 36th Ave., where not already improved. Estimated cost, \$1770.00.

#### BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1166.50 submitted only bid to the Department of Public Works, Room 251, City Hall, for grading and paving the intersection of Barneveld Avenue and Rickard Street.

Work involves

- (1) 140 c.y. grading (excav.);
  - (2) 1 brick catchbasin, complete;
  - (3) 25 l.f. 10-inch VCP culvert, in place;
  - (4) 32 l.f. armored concrete curb;
  - (5) 142 sq. ft. 2-course concrete sidewalk;
  - (6) 2392 sq. ft. asphalt-concrete pavement, consisting of 2-in. asphaltic concrete wearing surface on a 6-inch Class F concrete base.
- Unit prices follow:
- |                 |                   |
|-----------------|-------------------|
| (1)..... \$1.25 | (2)..... \$100.00 |
| (3)..... 1.50   | (4)..... 1.50     |
| (5)..... .20    | (6)..... .30      |

#### BIDS WANTED

LOS ANGELES CO., Cal.—As previously reported, until Oct. 21, 2 P. M. bids will be received by State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing and portland cement concrete about 3 1/2 miles between Encinal Canyon and Francias Beach, Los Angeles County.

Work involves:

- (1) 170 sta. clear and grub right of way;
  - (2) 4,900 M. gals. water;
  - (3) 1,500 c.y. remove concrete;
  - (4) 305,000 cu. yd. remove rdwy. excav., unclassified;
  - (5) 3,200 c.y. ditch and channel excavation;
  - (6) 2,500,000 sta. yds. overhaul;
  - (7) 2,850 c.y. struc. excav.;
  - (8) 46,000 sq. yds. preparing sub-grade;
  - (9) 170 sta. finishing rdwy.;
  - (10) 10,700 tons min. aggregate plant-mix surf.;
  - (11) 565 tons liquid asph. ROMC-4 or ROMC-5 (plant-mix surf.);
  - (12) 96 tons liquid asph. SC-2 (prime coat);
  - (13) 15,100 sq. yds. asph. paint binder
  - (14) 56,800 sq. yds. preparing, mixing and shaping shoulders;
  - (15) 685 tons liq. asph. SC-2 shoulders;
  - (16) 9,680 c.y. Class A Portland cement conc. pavement;
  - (17) 15,400 each pavement dowels;
  - (18) 52,000 lbs. bar reinf. steel pave. and struc.;
  - (19) 700 lbs. misc. iron and steel;
  - (20) 220 c.y. Class A Portland cement conc. struc.;
  - (21) 140 l.f. 36-in. standard reinf. concrete pipe;
  - (22) 890 l.f. 24-in. do;
  - (23) 500 l.f. 8-in. CMP;
  - (24) 150 l.f. 18-in. do;
  - (25) 800 l.f. 24-in. do;
  - (26) 700 l.f. 30-in. CMP, 12 gauge;
  - (27) 180 l.f. 30-in. CMP, 10 gauge;
  - (28) 210 c.y. Class A Portland cement concrete curbs;
  - (29) 47 each spillway assemblies;
  - (30) 57 each culvert markers;
  - (31) 1 1/2 miles moving and resetting property fences;
  - (32) 2 1/2 miles new property fence.
  - (33) 12 each drive gates.
- Item 33 was previously omitted. Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

SAN FRANCISCO—Chas. L. Har-

ney, 443 Call Bldg., at \$7,385.78, was awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Moraga St. between 31st and 32nd Avenues, and six other locations, where not already improved. Estimated cost, \$6400.

#### BIDS WANTED

KLAMATH CO., Oregon.—Until October 20, 10 a.m., bids will be received at the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Oregon, constructing or improving 3.310 miles Crater Lake National Park, Rim Road, Project 7-E2 Grading and 7-D1, D2, E1, E2 Blumious Treatment, National Park Project, Crater Lake National Park, Klamath County, Oregon.

Work involves:

- (1) All lump maint. of existing road;
  - (2) All lump extra and misc. force account work;
  - (3) 36 acres clearing;
  - (4) 27 acres grubbing;
  - (5) 2,500 c.y. stripping and storing topsoil;
  - (6) 217,400 c.y. unclass. excav.;
  - (7) 116,000 sta. yds. special overhaul;
  - (8) 32 acres roadside cleanup;
  - (9) 3.310 mi. finishing earth graded road;
  - (10) 250 tons slow-curing asphalt, SC-1A grade;
  - (11) 4,921 ml. fine grading sub grade and shoulders;
  - (12) 2,500 l.f. culverts (alternate);
  - (13) 2,500 c.y. replacing topsoil.
- Plans and specifications may be obtained at the above office upon deposit of \$10.

#### BIDS WANTED

INYO COUNTY, Calif.—Until Oct. 20, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with plant mixed surfacing about 7 1/4 miles between Diaz Lake and Alabama Gates in Inyo County.

Work involves:

- (1) 1,350 M. gals. water;
- (2) 32,580 c.y. rdwy. excav., unclass.
- (3) 2,740 c.y. struc. excav.;
- (4) 37,030 c.y. imported borrow;
- (5) 278,350 sta. yds. overhaul;
- (6) 60 c.y. remove concrete;
- (7) 290 sta. finishing rdwy.;
- (8) 11,980 tons min. agg. plant-mix surface;
- (9) 660 tons liquid asph. ROMC-3 ROMC-4 or ROMC-5 plant-mix surf.;
- (10) 95 tons liquid asph. SC-2 prime coat;
- (11) 2,830 lbs. bar reinf. steel;
- (12) 50 c.y. Class A Portland cement concrete struc.;
- (13) 8,500 lbs. misc. iron and steel;
- (14) 6 c.y. rubble masonry;
- (15) 1,036 l.f. 12-in. CMP;
- (16) 220 l.f. 12-in. CMP siphon;
- (17) 248 l.f. 18-in. CMP;
- (18) 74 l.f. 18-in. CMP siphon;
- (19) 820 l.f. 24-in. CMP;
- (20) 294 l.f. 24-in. CMP siphon;
- (21) 118 l.f. 30-in. CMP;
- (22) 70 l.f. 30-in. CMP siphon;
- (23) 7,060 l.f. 6-in. perf. metal pipe
- (24) 1,620 l.f. rock filling materials, underdrains;
- (25) 1 each 12-in. conc. joints (pipe siphons);
- (26) 3 each 18-in. concrete do;
- (27) 13 each 24-in. concrete do;
- (28) 1 each 30-in. concrete do;
- (29) 550 l.f. remove and relay pipe culverts;
- (30) 1,170 l.f. remove and salvage pipe culverts;
- (31) 95 c.y. Class A Portland cement concrete curbs and sidewalks;

- (32) 150 l.f. remove and reset existing guard railing;
- (33) 8 each guide posts;
- (34) 72 each culvert markers;
- (35) 1 each cattle guard;
- (36) 1 mile move and reset existing fences;
- (37) 14 each move and reset existing monuments;
- (38) 36 each new monuments.

The State will furnish CMP perforated metal pipe and band coupling.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

SACRAMENTO, Cal.—Until Oct. 7, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for widening of Fifth Ave. from Santa Cruz Way to 44th St., Sacramento.

Work involves:

- (1) 1463 l.f. curb and gutter to be removed, Type No. 5;
  - (2) 1351 l.f. do, Type No. 6;
  - (3) 19 l.f. curb alone to be removed;
  - (4) 283 l.f. curb wall to be removed;
  - (5) 27 l.f. cobble wall to be removed;
  - (6) 21,062 sq. ft. 3 1/2-in. conc. sidewalk to be removed;
  - (7) 15 gutter drains to be removed and delivered to Corp. Yard;
  - (8) 16 trees, 4- to 30-in. dia. to be removed;
  - (9) 17 gutter drains to place, Type No. 11;
  - (10) 1 manhole complete to be constructed;
  - (11) 8 manholes to be reconstructed;
  - (12) 10 street monuments to place;
  - (13) 509 l.f. 6-in. vitrified iron pipe;
  - (14) 2446 l.f. curb and gutter to be constructed, Type No. 6;
  - (15) 33 l.f. curb alone to be constructed;
  - (16) 12,506 sq. ft. 3 1/2-in. concrete sidewalk to be constructed;
  - (17) 1987 c.y. excavation grading;
  - (18) 459 tons 5-in. crusher run base;
  - (19) 1320 tons asphalt concrete;
  - (20) 2650 gals. 90-95 liquid asphalt;
  - (21) 74 tons screenings.
- Plans and specifications may be obtained at the above office.

#### BIDS WANTED

SAN BERNARDINO CO., Calif.—Until October 21, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for about 19.3 miles to be graded and paved with asphaltic concrete and Portland cement concrete, between Los Angeles County Line and Colton, San Bernardino Co.

Work involves:

- (1) 220 c.y. remove trees;
- (2) 63 each, remove and replant palm trees;
- (3) 4,546 M. gals. water;
- (4) 63,800 c.y. roadway excav., without class;
- (5) 134,000 sta. yds. overhaul;
- (6) 17,200 c.y. imported borrow;
- (7) 24,000 c.y. imported surf. matl.;
- (8) 2,310 c.y. struc. excav.;
- (9) 855 c.y. remove concrete;
- (10) 148,000 sq. yds. preparing sub-grade;
- (11) 1,020 sta. finishing roadway;
- (12) 230,000 sq. yds. preparing, mixing and shaping shoulders;
- (13) 223 tons liq. asph., SC-2, prime coat;
- (14) 1,410 tons liq. asph., SC-2;
- (15) 19,600 sq. yds. asphaltic paint binder;
- (16) 18,350 tons mineral aggregate asphalt conc.;
- (17) 975 tons asphaltic cement, grade D asphalt conc.;
- (18) 19,430 c.y. class B Portland cement concrete pavement;
- (19) 3 c.y. Class A Portland cement concrete, railing;



- (20) 708 c.y. Class A Portland cement conc. structs.;
- (21) 1,373 c.y. Class A Portland cement concrete curbs, sidewalks and driveways;
- (22) 284,000 lbs. bar reinf. steel;
- (23) 35,000 each, pavement dowels;
- (24) 14,400 lbs. misc. iron and steel;
- (25) 268 lf. 18-in. CMP;
- (26) 308 lf. 24-in. CMP;
- (27) 119 lf. 36-in. CMP;
- (28) 24 lf. 48-in. CMP;
- (29) 860 lf. remove and salvage existing culvert pipe;
- (30) 154 lf. temporary guard railing;
- (31) 50 each, culvert markers;
- (32) 2,100 c.y. top soil;
- (33) 50 each, monuments;
- (34) 227 stations removing traffic strips.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Calif.**—Until Oct. 4, 5 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the paving and improving a portion of Delmas Avenue, from William Street to Willow Street, San Jose.

**Work involves:**

- (1) 23 tons bituminous binder, furnished and placed;
  - (2) 225 tons screening, furnished, placed and rolled.
- Plans and specifications may be obtained at the office of the City Engineer, City Hall, San Jose, upon deposit of \$3.00.

**BIDS OPENED**

**VALLEJO, Solano Co., Calif.**—A. G. Raisch, 1 de Haro St., San Francisco, at \$14,430.84, submitted low bid to the Vallejo City Council, Harry W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Monterey Street to and including the crossing of Maine St., Amador St., Eighth St., Solano Ave. and the crossing of Maine and Colusa Sts., and the S. P. Co. track crossing reconstruction, Vallejo.

**Work involves:**

- (1) 1502 c.y. grading excav.;
- (2) 852 tons 3-in. crusher run slurry base;
- (3) 45,440 sq. ft. 4-in. asph. concrete base;
- (4) 45,440 sq. ft. 2-in. AC top;
- (5) 3 catchbasins, type A;
- (6) 3 catchbasins, type B;
- (7) 240 lf. 10-in. VC drain;
- (8) 48 lf. 12-in. VC drain;
- (9) 84 lf. 10-in. CMP;
- (10) 1 manhole;
- (11) 86 c.y. Portland cement concrete curbs and gutters;
- (12) 16 c.y. Portland cement gutter;
- (13) 2000 lf. curb armor.

**Total bids follow:**

- (A) A. G. Raisch, 1 De Haro St., San Francisco, \$14,430.84
- (B) Union Paving Co., San Francisco, 15,295.00
- (C) Pacific States Construction Co., 15,884.02

**Unit prices follow:**

	(A)	(B)	(C)
(1).....	\$ 50	\$ 70	\$ 70
(2).....	2.40	2.55	2.70
(3).....	.117	.12	.12
(4).....	.064	.07	.073
(5).....	70.00	75.00	100.00
(6).....	150.00	150.00	140.00
(7).....	1.50	1.50	1.75
(8).....	2.00	2.25	2.50
(9).....	2.00	2.00	2.50
(10).....	100.00	80.00	100.00
(11).....	16.00	16.00	17.50
(12).....	16.00	16.00	17.00
(13).....	.19	.20	.20

**CONTRACT AWARDED**

**LOS ANGELES COUNTY, Calif.**—Oswald Brothers, 386 E 58th St., Los Angeles, at \$7,310 was awarded con-

tract by the State Division of Highways, S. V. Corbely, District Engineer, District VII, Room 808, State Bldg., Los Angeles, for applying seal coat to 14.6 miles of existing shoulders between Summit and Palmdale, Los Angeles County.

**CONTRACT AWARDED**

**LASSEN COUNTY, Cal.**—Mountain Const. Co., 1846 37th St., Sacramento at \$198,757.70 was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing 7.1 miles with crusher run base and plant-mixed surfacing between Coppervale and Susan River, Lassen County.

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento, at \$4,064.10, submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, County Clerk, Court House, Sacramento, for 1100 feet of fill of about 2 feet and repaving with armor top wearing surface the Natomas Trestle Road, which connects Garden Highway with Del Paso Blvd. east of the American River.

**Work involves:**

- (1) 200 c.y. removing and replacing existing old road surface;
- (2) 1800 c.y. earth excavation and embankment;
- (3) 810 tons slab road rock subgrade;
- (4) 60 tons crusher rock, in place;
- (5) 110 tons crusher screening in armor top;
- (6) 5800 gal. 95+ liquid asphalt, in place.

**Total bids follow:**

- (A) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento—\$4,064.10.
- (B) J. R. Reeves, Sacramento—\$4,297.50.
- (C) McGilivray Constr. Co., Sacramento—\$6,296.

**Unit prices follow:**

	(A)	(B)	(C)
(1).....	\$0.80	\$1.50	\$0.90
(2).....	.22	.30	.70
(3).....	2.80	2.50	4.10
(4).....	2.50	2.50	3.00
(5).....	2.85	2.75	3.50
(6).....	.077	.10	.10

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—A. Teichert & Son, Inc., P.O. Box 1113, Sacramento—\$4,937.50, submitted low bid and was awarded contract by the Sacramento County Board of Supervisors, County Clerk, Court House, Sacramento, for repairing shoulders and surfacing on the Fruitridge Rd., Sacramento County.

**Work involves:**

- (1) 2500 sq. yd. shoulder excav.;
- (2) 750 tons road rock;
- (3) 150 gals. 56-60 liq. asph., in place;
- (4) 200 tons macadam pavement;
- (5) 300 tons crusher rock, in place;
- (6) 200 tons screening, in place;
- (7) 12,500 gal. 95+ liquid asphalt.

**Total bids follow:**

- (A) A. Teichert & Son, Inc., P. O. Box 1113, Sacramento—\$4,937.50
- (B) McGilivray Constr. Co., Sacramento—\$8,425.
- (C) M. J. B. Constr. Co., Stockton—\$7,792.50

**Unit prices follow:**

	(A)	(B)	(C)
(1).....	\$0.07	\$0.20	\$0.25
(2).....	1.75	2.80	2.55
(3).....	3.06	.10	.08
(4).....	3.85	3.50	7.25
(5).....	2.50	2.50	3.40
(6).....	2.85	3.25	3.55
(7).....	.072	.16	.10

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—M. R. Peterson, 1116 O St., Sacramento, at \$22,755.10 was awarded contract by

the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of a maintenance station building and appurtenances on Folsom Blvd. between 64th and 65th Streets.

**BIDS WANTED**

**SAN FRANCISCO**—Until Oct. 13, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall for the improvement of 29th Avenue bet. Pacheco and Quintara Sts. Estimated cost, \$18,376.

**Work involves:**

- (1) 18,700 c.y. grading, excav.;
- (2) 1,700 c.y. grading, embankment;
- (3) 902 lf. 6-in. vit. clay pipe side sewers, in place; do;
- (4) 880 lf. 8-in. do;
- (5) 70 lf. 15-in. do;
- (6) 75 lf. 18-in. do;
- (7) 44 8x6-in. Y. branches, in place;
- (8) 175 lf. 10-in. vit. clay pipe culverts, in place;
- (9) 6 brick manholes, complete;
- (10) 2 catchbasins, complete;
- (11) 33,800 sq. ft. asphalt-concrete pavement, consisting of a 6-in. concrete base and a 2-in. asph. concrete wearing surface;
- (12) 1,390 lf. unarmored conc. curb;
- (13) 1,335 sq. ft. 2-course concrete sidewalk;
- (14) Lump sum water main;
- (15) 44 water services;
- (16) 2,200 lf. 1½-in. black enameled conduit.

Plans and specifications may be obtained at the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Cal.**—Until Oct. 4, 5 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for paving and improving a portion of Julian Street from Guadalupe River to Fourth St., San Jose.

**Work involves:**

- (1) 1950 tons asphalt concrete wearing surface;
- (2) 52 tons asphalt concrete leveling course;
- (3) 15,600 sq. yds. binder coat;
- (4) 12,677 sq. ft. existing asphalt surface to be removed;
- (5) 4,000 sq. ft. bituminous surface ½ to ¾-in. thick to be cleaned or burned;
- (6) 8,000 sq. ft. bituminous surface ¼ to 1-inch thick do;
- (7) 9000 sq. ft. bituminous surface in excess of 1-in. do;
- (8) 84 sq. ft. Portland cement concrete to be removed;
- (9) 10 tons Type "C" asphalt surface for driveway ramp.

Plans and specifications may be obtained at the office of the City Engineer, City Hall, San Jose, upon deposit of \$3.00.

**BIDS WANTED**

**SAN BERNARDINO CO., Calif.**—Until Oct. 4, 2 p.m., bids will be received by the District Engineer, State Highway Division, San Bernardino, for maintenance station buildings to be constructed at Lakeview Point, San Bernardino County. \* 29

Plans and specifications may be obtained at the above office

**BIDS WANTED**

**RIVERSIDE AND SAN BERNARDINO Cos., Calif.**—Until Oct. 4, 2 p.m., bids will be received by the District Engineer, State Highway Division, San Bernardino, for maintenance station buildings to be constructed at Palm Springs, Riverside County, and at Camp Angeles, San Bernardino County.

**BIDS OPENED**

**INGLEWOOD, Los Angeles Co., Calif.**—Oswald Bros., 368 E. 58th St., Los Angeles, at \$6250, submitted low bid to the Inglewood City Council, Otto H. Duelle, city clerk, for improving Hillcrest Blvd. between Kello St. and Manchester Blvd., 0.2 mi., to be graded and paved.

Work involves:

- (1) 485 c.y. excavation;
- (2) 2120 ft. curb to be removed;
- (3) 19 trees to be removed;
- (4) cut and remodel existing culverts at Hillcrest and Kello Sts.;
- (5) construct one culvert at Locust and Hillcrest;
- (6) construct one culvert at Nutwood and Hillcrest;
- (7) 5 c.y. concrete in culvert footings;
- (8) 3 clean out boxes and covers;
- (9) 2120 ft. concrete curb;
- (10) 3180 sq. ft. concrete gutter;
- (11) 495 sq. ft. concrete pavement;
- (12) 775 tons Laykold premix;
- (13) 24 sewer manholes to be raised.

Total bids follow:

- (A) Oswald Bros., 368 E. 58th St., Los Angeles—\$6250.
- (B) Geo. R. Curtis Paving Co., Los Angeles—\$6247.60.
- (C) S. M. Milovich—\$6400.50.
- (D) Tompkins Constr. Co., Culver City—\$6504.75.
- (E) Hoffman Engrg. & Constr. Co.—\$6594.76.
- (F) Nick Chutuk, Los Angeles—\$6598.70.
- (G) Southern California Roads Co., Los Angeles—\$6826.05.
- (H) Engineer's Estimate—\$6818.66.

**BIDS WANTED**

**NYE CO., Nevada.**—Until October 8, 2:30 p.m., bids will be received by the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 7.74 miles highway construction in Nye County, from a point approximately 5 miles north of the Junction of State Routes 4 and 8A to a point 12.8 miles north, Route 8, Sections A1 and 2.

Work involves:

- (1) 58,362 c.y. roadway excav.;
- (2) 5,775 c.y. drainage excav.;
- (3) 35 sta. V type ditches;
- (4) 2,798 c.y. borrow;
- (5) 67,396 yd. sta. overhaul (yd. sta.);
- (6) 536 yd. mile overhaul (yd. mi.);
- (7) 145 c.y. struc. excav.;
- (8) Lump sum, move coral and buildings;
- (9) 7.74 miles subgrade, Type C;
- (10) 19,876 tons, Type 1, gravel base;
- (11) 31,593 tons, gravel surface;
- (12) 54 c.y. Class A concrete;
- (13) 5,290 lbs. reinf. steel;
- (14) 68 c.y. dry rubble masonry;
- (15) 31 each, monuments.

Plans and specifications may be obtained at the office of the State Highway Engineer, Robert A. Allen, Carson City, Nevada, and also at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon the deposit of \$10.

**BIDS WANTED**

**MARIN COUNTY, Calif.**—Until Oct. 5, 2 P. M., bids will be received by the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying seal coat to 3.4 miles of existing pavement between Waldo and Golden Gate Bridge, Marin County.

Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

**LINCOLN CO., Oregon.**—Mountain States Construction Co., Eugene, Oregon, at \$39,635, was awarded contract by the Oregon State Highway

Commission, Auditorium, Third Flr., Public Service Bldg., Portland, Ore., for Surfacing and Rock Production Project on Siletz Secondary Highway. State Project; 16.7 mi. surfacing and furnishing of 5400 c.y. crushed material in stock piles. Requires approximately 5100 c.y. quarry-run rock; and 18,200 c.y. crushed rock or crushed gravel.

**BIDS WANTED**

**HOOD RIVER, Oregon.**—Until October 7, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-121, for constructing levee protection and relocating a portion of the Hood River-White Salmon Highway, east of Hood River, Oregon.

Work involves:

- (1) 6 acres clearing;
- (2) 100,000 c.y. unclass. excav.;
- (3) 13,200 tons loose rock riprap, in place;
- (4) 900 c.y. 4-in. to 0-in. rock surf.;
- (5) 600 c.y. 1½-in. to 0-in. rock surf.;
- (6) 150 c.y. filler;
- (7) 120 lf. 12-in. concrete or vitrified clay pipe, in place;
- (8) 1 job removing floor in warehouse;
- (9) 100 hours furnishing and operating sheep's foot roller;
- (10) 60 hours furnishing and operating three-wheel roller.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SNOHOMISH CO., Wash.**—Until October 13, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 318 New Post Office Building, Portland, Ore., for approximately 0.356 mi. grading and 1.212 mi. advance clearing and preparation railroad grade on the South Fork Stillaguamish Highway, Advance Clearing and Grading Project 7-D1, E.P. National Forest Road Project, Mt. Baker National Forest, Snohomish Co., Wash.

Work involves:

- (1) All reqd. extra and misc. force account work;
- (2) 13 acres clearing;
- (3) 2 acres grubbing;
- (4) 27,680 c.y. unclass. excav.;
- (5) 24,000 sta. yd. special overhaul;
- (6) 60 c.y. Class A concrete;
- (7) 6,000 lbs. structural steel;
- (8) 1 unit structural steel, 160-ft. span, erection only;
- (9) 28 MFBM untreated timber, including bridge iron;
- (10) 220 lf. bit. coated corr. sheet metal pipe, Type 1;
- (11) 32 MFBM laminated or strip floors, untreated;
- (12) 4 units reconstr. trestle spans, complete.

Plans and specifications may be obtained from the above office upon deposit of \$10.

**CONTRACTS AWARDED**

**STATE OF WASHINGTON.**—L. V. Murrow, Director of Highways, Olympia, awarded the following contracts for highway and bridge construction:

Whitman County: Constructing a steel plate girder bridge and reinforced concrete approaches over the Palouse River in Palouse, on Primary State Highway No. 3, Federal Aid Project No. 213-D, in Whitman County, Washington, involving about 800 cubic yards of excavation, 455 cubic yards of concrete, 58,000 lbs. of steel reinforcing bars, 160,000 lbs. of structural steel, 2,900 lbs. of cast steel, 800 linear feet of precast concrete piling, and other items.

Awarded: M. P. Munter, 2906 1st St., Seattle, \$35,923.00.

Grays Harbor County: Paving with asphaltic concrete Type I-1 on about

1.2 miles of Primary State Highway No. 9, Main Street, in Elma, and Elma West, U. S. Public Works Project Nos. NRM 42-B (1935) and NRE 42-C (1935), in Grays Harbor County, Washington, involving about 222 cubic yards cement concrete base and stop, 26 cubic yards of concrete, 2,770 tons of asphaltic concrete, 146 linear feet of cable guard rail, design No. 8 219 linear feet of pipe culverts, and other items.

Awarded: Washington Asphalt Co. 309 W 39th St., Seattle, \$35,277.00.

Grays Harbor County: Redecking steel spaco and reconstructing the west approach to the Wishkah River bridge in Aberdeen, on Primary State Highway No. 9, State Project, in Grays Harbor County, Washington, involving about 75 cubic yards of excavation, 210 cubic yards of concrete, 26,000 lbs. of steel reinforcing bars, 2,000 pounds of structural steel, 8 MFBM of treated and 48 MFBM of untreated timber and lumber, and other items.

Awarded: Grays Harbor Const. Co. Aberdeen, \$18,832.00

Pacific County: Constructing steel bridge swing type and timber approach trestle and detour bridge over Nasel River on Primary State Highway No. 12, Federal Aid Project No. 73-B, in Pacific County, Wash., involving about 205 cu. yds. of concrete, 57 MFBM of treated and 131 MFBM of untreated timber and lumber, 15,000 linear feet of treated and 12,000 linear feet of untreated timber piling, 616,000 lbs. of corbor and 31,500 lbs. of silicon structural steel, 16,000 lbs. of steel reinforcing bars, 80,000 lbs. of machinery, 86½ linear feet of shear booms and other items.

Awarded: Grays Harbor Const. Co. and Grech Bros. Const. Co., Aberdeen, \$133,878.00.

**CONTRACT AWARDED**

**VALLEJO, Solano Co., Calif.**—A. G. Raisch, 1 de Haro Street, San Francisco, at \$5,786.48 submitted low bid and was awarded contract by the Vallejo City Council, H. W. Mitchell, City Clerk, City Hall, Vallejo, for repaving portions of Napa Street and Mary Street and street and alley crossings intervening between the limits of the work.

Work involves:

- (1) 305 c.y. grading;
- (2) 135 c. y. imported borrow grading;
- (3) 21,290 sq. ft. 4-inch asphalt conc. base;
- (4) 21,290 sq. ft. 2-inch asphalt conc. top;
- (5) 24.6 c.y. conc. curb and gutter;
- (6) 3.8 c.y. concrete gutter;
- (7) 830 lf. armor curb;
- (8) 162 c.y. concrete alley wing.

Total bids follow:

- (A) A. G. Raisch, 1 DeHaro Street, San Francisco, \$5,786.48.
- (B) Pacific States Const. Co., San Francisco, \$5,997.30.

Unit prices follow:

	(A)	(B)
(1).....	\$ .97	\$ 1.00
(2).....	.90	1.50
(3).....	.123	.124
(4).....	.074	.076
(5).....	16.50	17.00
(6).....	16.50	17.00
(7).....	.19	.20
(8).....	31.50	15.00

**BIDS WANTED**

**KERN CO., Calif.**—Until Oct. 14, 2 p.m., bids will be received by the State Division of Highways, R. M. Gillis, District Engineer, corner of Carrot and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances about 20.6 miles south of Bakersfield, Kern County.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SANTA CLARA COUNTY, Cal.**—Dan Caputo, 401 Illinois Avenue, San Jose, at \$5579.32 submitted low bid and was awarded contract by Santa Clara County Board of Supervisors. Frank W. Hogan, Clerk, Courthouse, San Jose, for the construction of three reinforced concrete retaining walls on Purissima Ave. south of Arastradero Road, District No. 5, Santa Clara County.

Total bids follow:  
 Dan Caputo, San Jose.....\$579.32  
 Bert Ward & Son, San Jose.....5884.00  
 Collins & Martin.....5995.00  
 Carl N. Swenson Co.....6285.00  
 Louis & Clark, Oakland.....6385.00

**BIDS OPENED**

**CALAVERAS COUNTY, Cal.**—J. P. Breen, P. O. Box 183, Sacramento, at \$4,609.90 submitted low bid to the State Division of Highways, Department of Public Works, F. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for applying road-mix surface treatment to 3.3 miles of existing roadbed between Stanislaus county line and Rock Creek via Milton, Calaveras county.

Work involves:  
 (1) 32 tons liquid asphalt, SC-1 or SC-2 (prime coat);  
 (2) 170 tons liquid asphalt, SC-3 (road-mix surf. treatment);  
 (3) 31,000 sq. yds. prepared, mixing and shaping roadbed.

Total bids follow:  
 (A) J. P. Breen, P. O. Box 183, Sacramento, \$4,609.90.  
 (B) A. R. Maestretti, Stockton, \$4,685.00.  
 (C) Piazza & Huntley, San Jose, \$4,713.20.  
 (D) Claude C. Wood, Stockton, \$4,890.  
 (E) Garcia Const. Co., Irvington, \$5,043.70.  
 (F) Jones & King, Hayward, \$5,502.  
 (G) Geo. French, Jr., Stockton, \$5,565.20.  
 (H) MJB Const. Co., Stockton, \$7,147.00.

Unit prices follow:

	(1)	(2)	(3)
(A) .....	\$13.90	\$12.83	\$0.64
(B) .....	14.00	14.00	.06
(C) .....	25.00	12.66	.071
(D) .....	15.00	15.00	.06
(E) .....	14.10	14.25	.07
(F) .....	15.00	15.00	.077
(G) .....	14.60	15.40	.08
(H) .....	19.00	19.50	.104

**BIDS OPENED**

**MADERA CO., Calif.**—R. Hodgson & Son, 510 Second St., Porterville, at \$7550, submitted the only bid to the State Division of Highways, Department of Public Works, R. M. Gillis, District Engineer, corner of Carruth and Olive Streets, Fresno, for the construction of maintenance station buildings and apparatus at the Coarsegold Maintenance Site, about 6 mile east of Coarsegold, Madera County.

Work involves:  
 (1) Truck shelter;  
 (2) One septic tank, small size;  
 (3) One lot service lines, complete;  
 (4) Add or deduct all excv. of every description, unclassified;  
 (5) Add or deduct all Portland cement concrete.

Unit prices follow:

(1) .....	\$6950.00
(2) .....	325.00
(3) .....	275.00
(4) .....	1.50
(5) .....	17.00

**CONTRACT AWARDED**

**SANTA CLARA COUNTY, Cal.**—A. J. Baisch, 235 Lincoln Ave., San Jose, at \$25,625 submitted low bid to and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the im-

**ALAMEDA COUNTY—GRADE SEPARATIONS.—(State)**

**ALAMEDA CO., Calif.**—Heafey-Moore Co., Fredrickson and Watson and Fredrickson Bros., Oakland, at \$98,850.14, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two grade separations: one over the tracks of the Southern Pacific Company at Redmond, and the other under the tracks of the Western Pacific Railroad Co. at Stone Cut.

Work involves:  
 (1) 25 M. gals. water;  
 (2) 39,000 c.y. rdwy. excav., without classification;  
 (3) 200 c.y. ditch excav.;  
 (4) 2,200 c.y. struc. excav.;  
 (5) 3,300 c.y. backfill;  
 (6) 7,200 sta. yds. overhaul;  
 (7) 4.4 sta. finishing rdwy.;  
 (8) 850 tons crusher run base;  
 (9) 5 tons liq. asph., SC-2, penetration oil treatment;  
 (10) 428 c.y. Class A portland cement concrete pavement;  
 (11) 830 each, pave. dowels;  
 (12) 400,000 lbs. bar reinf. steel;  
 (13) 1,820 c.y. Class A portland cement conc. strucs.;  
 (14) 342 c.y. Class A portland cement conc. arch barrel;  
 (15) 15 c.y. Class A portland cement conc. railing;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 3.00	\$ 1.50	\$ 2.00	\$ 3.00	\$ 6.00	\$ 5.00	\$ 3.00
(2)	.30	.40	.43	.50	.47	.50	.50
(3)	1.00	1.50	1.40	1.00	1.20	1.75	2.00
(4)	1.25	1.75	1.40	1.50	2.40	1.75	2.00
(5)	.55	1.00	.80	1.50	.90	.65	.85
(6)	.02	.02	.02	.01	.05	.03	.01
(7)	10.00	10.00	15.00	15.00	10.00	35.00	45.00
(8)	2.50	3.00	3.50	2.50	3.40	2.60	2.75
(9)	24.00	21.00	30.00	30.00	30.00	60.00	27.00
(10)	12.60	11.95	12.50	12.00	12.00	17.00	14.75
(11)	.30	.30	.25	.30	.30	.30	.30
(12)	.05	.052	.055	.052	.0565	.06	.065
(13)	22.00	20.00	20.00	21.00	23.00	24.50	33.75
(14)	22.00	20.00	20.00	21.00	24.00	34.00	31.50
(15)	60.00	60.00	80.00	60.00	75.00	65.00	50.00
(16)	1.60	2.25	2.00	1.75	2.00	2.60	1.90
(17)	2.10	40.00	30.00	40.00	58.00	75.00	132.00
(18)	1.00	1.13	1.00	1.50	1.00	1.00	1.20
(19)	1.40	1.53	1.75	2.00	1.30	1.70	1.55
(20)	1.70	1.83	2.00	2.50	1.50	2.00	1.85
(21)	2.05	2.03	2.50	3.00	2.00	1.20	1.20
(22)	1.00	1.03	1.50	1.50	1.00	1.50	3.40
(23)	3.60	3.70	4.00	2.75	4.80	3.50	3.40
(24)	1.34	2.00	2.00	3.00	1.50	1.70	1.85
(25)	18.00	18.50	16.00	18.00	22.00	35.00	30.00
(26)	17.00	25.00	20.00	15.00	24.00	25.00	25.00
(27)	.60	.50	1.00	.50	.70	.75	1.00
(28)	800.00	1500.00	1942.00	5000.00	1117.00	1100.00	2000.00

**NYE COUNTY, NEV.—HIGHWAY CONSTR.—(State)**

**NYE CO., Nev.**—As previously reported, Isbell Const. Co., Reno, Nev., at \$70,020.09, submitted low bid and was awarded contract by the Nevada State Highway Department, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for constructing 9.24 miles of State Highway in Nye Co., from a point nine miles east of east boundary of Nevada National Forest to a point two miles west of Warm Springs, Rt. 4, Section E2.

Work involves:  
 (1) 57,045 c.y. rdwy. excav.;  
 (2) 7,560 c.y. drainage excav.;  
 (3) 125 sta. "V" type ditches;  
 (4) 26 sta. slope rounding;  
 (5) 61,977 cu. yd. overhaul (yd. sta.);  
 (6) 194 yd. ml. overhaul (yd. ml.);  
 (7) 1,600 cu. yd. structure excav.;  
 (8) 1,200 c.y. backfill;  
 (9) 9.24 miles subgrade, type C;  
 (10) force account, roadside cleanup;  
 (11) 18 M. gals. water;  
 (12) 11,750 tons gravel base, type 1;  
 (13) 43,680 tons gravel surface;  
 (14) 370 c.y. Class A concrete;

(15) 39 c.y. Class B concrete;  
 (16) 250 lf. 18-in. corr. metal pipe (dipped);  
 (17) 748 lf. 24-in. do;  
 (18) 41,400 lbs. reinforcing steel;  
 (19) 52 c.y. grouted hand laid riprap;  
 (20) 34 each monuments.  
 Total bids follow:  
 (A) Isbell Const. Co., Reno, Nevada \$70,020.00  
 (B) Nevada Rock & Sand Co., Inc. Reno 71,428.09  
 (C) George French, Jr., Stockton, Calif. 78,445.24  
 (D) Dodge Constr., Inc., Fallon, Nevada 79,817.04  
 (E) Silver State Constr. Co., Inc. Fallon, Nevada 81,946.59  
 (F) Claude C. Wood, Stockton, Calif. 85,216.70  
 (G) Union Paving Co., San Francisco, Calif. 87,475.32  
 (H) Olof Nelson, Logan, Utah 88,712.31  
 (I) Utah Const. Co., Ogden, Utah 91,683.34

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$.25	\$.27	\$.32	\$.34	\$.45	\$.35	\$.25	\$.40	\$.40
(2)	.48	.35	.30	.50	.35	.45	.75	.40	1.00
(3)	5.00	7.00	5.00	5.00	5.00	5.00	4.00	2.50	6.00
(4)	5.00	7.00	5.00	15.00	5.00	5.00	7.50	10.00	5.00
(5)	.02	.02	.02	.02	.02	.01	.01	.03	.02
(6)	.25	.20	.20	.20	.20	.47	.20	.30	.20
(7)	1.50	1.50	1.00	1.25	1.50	1.00	2.00	2.00	2.00
(8)	.50	.50	.50	.75	1.00	.50	1.00	.50	1.00
(9)	100.00	200.00	100.00	150.00	100.00	150.00	150.00	300.00	100.00
(10)	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
(11)	3.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00
(12)	.40	.40	.35	.40	.50	.60	.55	.55	.50
(13)	.45	.52	.60	.58	.50	.60	.75	.66	.65
(14)	35.00	25.00	30.00	30.00	30.00	33.00	30.00	27.00	37.00
(15)	35.00	26.00	30.00	30.00	30.00	33.00	30.00	27.00	37.00
(16)	2.50	2.75	2.50	2.75	2.50	2.75	2.50	3.00	2.50
(17)	3.75	3.50	3.25	3.50	3.00	4.50	3.50	4.00	35.00
(18)	.07	.075	.08	.07	.07	.10	.10	.06	.10
(19)	8.00	25.00	20.00	15.00	10.00	20.00	15.00	8.00	15.00
(20)	3.50	4.00	3.00	3.00	4.00	4.00	3.00	5.00	4.00

September 28, 1937.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted bids to T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1909, for furnishing underground signal and telegraph cable.

Bids were taken on:

- (1) 10,000 ft. cable, 15 pr.;
- (2) 21,000 ft. cable, 20 pr.;
- (3) 19,000 ft. cable, 25 pr.;
- (4) 45,000 ft. cable, 50 pr.;
- (5) 3,750 ft. cable, 70 pr.;
- (6) 19,400 ft. cable, 80 pr.;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$198.93	\$167.50	\$167.50	\$198.93	\$167.50	\$167.50	\$199.51	\$167.50
(2)	229.50	186.20	186.20	219.53	186.20	186.20	240.14	186.20
(3)	272.15	215.40	215.40	272.51	215.40	215.40	272.51	215.40
(4)	476.45	360.00	360.00	476.45	360.00	360.00	478.27	360.00
(5)	493.04	493.00	493.00	678.04	493.00	493.00	682.92	493.00
(6)	745.62	529.60	529.60	745.62	529.60	529.60	744.63	529.60
(7)	1037.39	807.20	807.20	1037.39	807.20	807.20	977.62	807.20
(8)	1668.82	1133.00	1133.00	1668.82	1133.00	1133.00	1671.47	1133.00

**RIVERTON PROJ., WYO.—Canal Structures—(Govt.)**

**RIVERTON PROJECT, Wyo.—Otis Williams & Co., St. Anthony, Idaho,** at \$55,800.80 submitted low bid to the U. S. Bureau of Reclamation, John C. Page, Commissioner, Riverton, Wyoming, under Spec. No. 746 for the construction of structures, Pilot Canal, station 1363 to station 1571, and bridge at station 845 plus 91.8, Riverton Project.

Work involves:

- (1) 6385 c.y. excavation, common for structures;
- (2) 100 c.y. excav., rock, for do;
- (3) 1060 c.y. excav., common, of temp. rdways, at bridges and for bridge approaches;
- (4) \$109 c.y. hackfill about struc.;
- (5) 1500 c.y. puddling or tamping about struc.;
- (6) 2797 c.y. concrete in struc.;
- (7) 278,650 lbs. pacing reinf. bars;
- (8) 1245 c.y. cobble rriprap;
- (9) 56 MFEM erecting lumber in the bridges;
- (10) 1145 lf. constructing 6-in. dia. underdrains with uncemented joints;
- (11) 3000 lf. mfg. and placing porous concrete drain tile;
- (12) 48 lf. laying 18-in. dia. lockjoint concrete pipe;

- (7) 550 ft. cable, 100 pr.;
  - (8) 2,900 ft. cable, 200 pr.
- Bidders were as follows:
- (A) Kellogg Switchboard & Supply Co.
  - (B) Electric Corp.
  - (C) Graybar Electric Co.
  - (D) John A. Roeblings Sons Co. of California.
  - (E) General Cable Corp.
  - (F) Westinghouse Elec. Supply Co.
  - (G) Kennicott Wire & Cable Co.
  - (H) American Automatic Electric Sales Co.

Prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	186.20	186.20	186.20	186.20	186.20	186.20	186.20	186.20
(2)	215.40	215.40	215.40	215.40	215.40	215.40	215.40	215.40
(3)	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00
(4)	493.00	493.00	493.00	493.00	493.00	493.00	493.00	493.00
(5)	529.60	529.60	529.60	529.60	529.60	529.60	529.60	529.60
(6)	807.20	807.20	807.20	807.20	807.20	807.20	807.20	807.20
(7)	1133.00	1133.00	1133.00	1133.00	1133.00	1133.00	1133.00	1133.00

- (12) 120 lf. laying 24-in. do;
- (14) 5215 lbs. installing gates and gate hoists;
- (15) 4435 lbs. installing misc. metal work.

- Total bids follow:
- (A) Otis Williams & Co., St. Anthony, Idaho, \$55,800.80.
  - (B) Dan Teters & Co., Inc., Riverton, Calif., \$56,434.05.
  - (C) Norman I. Fadel, Los Angeles, \$62,046.70.
  - (D) F. R. Knowlton, Layton, Utah, \$64,785.50.
  - (E) Rue Const. Co., Bismark, N. D., \$69,334.45.
  - (F) Inland Const. Co., Omaha, Neb., \$70,215.27.
  - (G) S. J. Groves & Sons Co., Minneapolis, Minn., \$73,858.42.
  - (H) Edward Selander, Greeley, Colo., \$79,858.50.
  - (I) Henry Shore, Grand Junction, Colo., \$81,476.25.
  - (J) Chas. M. Smith, Thermopolis, Wyo., \$81,641.32.
  - (K) T. Rowland, Salt Lake City, Utah, \$98,573.75.
  - (L) Colorado Bridge & Const. Co., Denver, \$112,356.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$.50	\$.50	\$.32	\$1.00	\$1.00	\$.56	\$.56	\$1.00	\$.75	\$1.75	\$.30	\$3.00
(2)	.50	4.00	2.50	2.00	5.00	3.60	6.00	6.00	2.00	3.00	3.00	5.00
(3)	.50	.20	.30	.40	.30	.56	.56	.35	.40	.25	.30	.50
(4)	.20	.18	.14	.30	.35	.40	.35	.40	.40	.30	.40	.70
(5)	.40	.15	.20	1.00	.50	.93	.35	1.00	.50	.50	.40	1.00
(6)	14.00	14.25	15.00	15.00	14.00	16.50	16.25	18.00	20.00	18.00	20.00	21.00
(7)	.92	.918	.925	.92	.93	.9145	.93	.93	.93	.9225	.925	.93
(8)	1.00	1.25	3.50	1.00	4.00	5.00	3.50	3.00	3.00	6.00	2.00	4.00
(9)	16.00	18.00	25.00	40.00	20.00	28.00	42.00	25.00	35.00	25.00	45.00	50.00
(10)	.25	.50	.20	.20	.50	.45	.59	.50	.30	.45	.50	1.90
(11)	.65	.69	.75	.50	.75	.427	.88	6.00	1.10	.45	3.00	
(12)	.60	.75	2.00	2.00	1.00	1.25	.59	1.50	2.00	.80	1.00	5.00
(13)	.60	.75	2.00	2.00	1.00	1.25	.59	1.50	2.00	1.10	1.50	8.00
(14)	.03	.04	.15	.05	.03	.08	.15	.04	.10	.10	.03	.06
(15)	.08	.05	.10	.05	.05	.08	.15	.04	.10	.08	.03	.06

provement of Homestead Road from Laurence Station road to the Sunnyvale-Saratoga Road, District No. 4.

Total bids follow:

- A. J. Raich, San Jose.....\$25,625.00
- Union Paving Co., S. F.....28,362.50
- Basich Bros., San Jose.....31,556.00

**BLUE PRINTS AVAILABLE**

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on October 13th, 1937.

Following is a list of blue prints and prices:

- VI-Kin-Feeder—Bet. Hanford and Alcorn Bridge Corner: PLANS (No. of Sheets), 2; cost, NO CHARGE.
- IX-Mno-111-A — Bet. Rt. 23 and June Lake: PLANS (No. of Sheets), 7; cost, \$0.70; CROSS-SECTIONS (No. of Sheets), 65; cost, \$6.50; total, \$7.20.
- IX-Iny-127-E,F,G—Bet. 1 1/2 MI. E. of Saine Valley Road and Panamint Sink: PLANS (No. of Sheets), None.
- X-Cal-24-B—Bet. 2 1/2 MI. E. of Valley Springs and San Andreas: PLANS (No. of Sheets), 18; cost, \$1.80; CROSS-SECTIONS (No. of Sheets), 160; cost, \$10.00; total, \$11.80.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.** — Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$9,023.52, were awarded contract by the Los Angeles County Supervisors for improving Sepulveda Blvd., from Washington Blvd. to Venice Blvd., 2400 lf. or 0.45 ml., Cash Contract No. 503.

**BIDS WANTED**

**LINCOLN COUNTY, Nev.**—Until Oct. 8, 3 P. M., bids will be received by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for approximately 10.1 miles of highway construction from a point 5 1/2 miles north of Dutch John's to the Lincoln-White Pine County Line, Rte. 7, Sec. E, Lincoln County.

- Work involves:
- (1) 6,549 lf. remove fence;
  - (2) 180 lf. remove culvert pipe;
  - (3) 12 lf. remove pipe culv. head-walls;
  - (4) 39,290 c.y. rdwy. excav.;
  - (5) 2,280 c.y. drainage excav.;
  - (6) 34,994 yd. sta. overhaul (yd. sta.);
  - (7) 167 yd. mt. overhaul (yd. ml.);
  - (8) 560 c.y. struc. excav.;
  - (9) 860 c.y. hackfill;
  - (10) 10 1/2 miles subgrade, type C;
  - (11) force account, roadside cleanup;
  - (12) 12 M gals. water;
  - (13) 44,900 tons type I, gravel base;
  - (14) 38,290 tons gravel surface;
  - (15) 15 c.y. Class B concrete;
  - (16) 528 lf. 15-in. corr. metal pipe (dipped);
  - (17) 245 lf. 18-in. do;
  - (18) 300 lf. 24-in. do;
  - (19) 108 lf. 30-in. do;
  - (20) 42 lf. 36-in. do;
  - (21) 176 lf. relay culvert pipe;
  - (22) 300 lbs. reinf. steel;
  - (23) 95 each move pipe culvert head-walls;
  - (24) 24 each monuments;
  - (25) 26 each move monuments;
  - (26) 6,497 lf. reconstruct fence.
- Plans and specifications may be obtained from Robert A. Allen, State Highway Engineer, Carson City, and at the District Office of the Bureau of Public Roads, Federal Office Bldg.

**SAN FRANCISCO—STREET IMPROVEMENT—(City)**

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, \$21,369.15 submitted low bid to Department of Public Works, Room 1, City Hall, for the improvement of Taraval Street between 12th Ave. and Montalvo Ave. Est. cost, \$27,600.

Work involves:

- 1) 3,000 c.y. grading (excavation);
- 2) 2,040 lf. unarmored conc. curb;
- 3) 850 sq. ft. 2-course concrete sidewalk;
- 4) 6 brick catchbasins, complete;
- 5) 260 lf. 10-inch VCP culvert, in place;
- 6) 14,400 sq. ft. 8-in. Class E 5-sack concrete pavement;
- 7) 53,000 sq. ft. asphalt-conc. pavement, consisting of a 6-in. Class

- E 5-sack conc. base and a 2-in. asph. concrete wearing surf.;
  - (8) 30 tons asphaltic concrete conform pavement;
  - (9) 2500 lf. 4-in. white lacquer traffic lines;
  - (10) 1 ornamental street lighting system, complete.
- Total bids follow:
- (A) The Fay Imp. Co., 760 Market St., San Francisco, \$21,369.15.
  - (B) Eaton & Smith, \$21,767.50.
  - (C) A. G. Raisch, \$23,202.00.
  - (D) Chas. L. Harney, \$24,272.50.
  - (E) Lowrie Paving Co., \$24,368.75.
  - (F) E. J. Lynch, \$25,114.46.
  - (G) M. J. Lynch, \$26,184.00.
  - (H) Pacific Pavements Co., Ltd., \$26,266.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1).....	\$ .58	\$.36	\$.48	\$.30	\$.50	\$.50	\$.60	\$.50
2).....	.583	.50	.60	.60	.60	.45	.60	.51
3).....	.135	.15	.14	1.15	.135	.12	.14	.14
4).....	88.00	90.00	75.00	90.00	75.00	65.00	90.00	90.00
5).....	1.40	1.50	1.20	1.30	1.75	1.00	1.75	1.69
7).....	.205	.22	.23	.295	.28	.215	.30	.24
8).....	.1975	.22	.25	.245	.24	.28	.257	.28
9).....	5.00	4.00	6.00	4.50	6.00	7.00	6.00	6.00
8).....	.022	.03	.04	.03	.04	.04	.03	.03
10).....	3808.58	3587.00	3587.00	3700.00	3593.00	3698.46	3850.00	4100.00

Civic Center, San Francisco, upon deposit of \$10.00.

**CONTRACT AWARDED**

VALLEJO, Solano Co., Cal.—A. G. Raisch, 1 de Haro Street, San Francisco, at \$2,576.75, was awarded contract by the Vallejo City Council, Harry W. Mitchell, City Clerk, City Hall, Vallejo, for the repaving of Wilson Ave., Vallejo.

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

SAN DIEGO, Calif.—Until Oct. 26, 10 a.m. bids will be received by San Diego City Council for construction of College Reservoir and pipe line located near northeast boundary of city. Certified or cashier's check for 10%, payable to City Clerk, must accompany bid. Plans and specifications are available from Fred D. Pyle, hydraulic engineer, 524 F St., upon deposit of \$10, returnable. The work involves:

**SCHEDULE NO. 1**

- (1) Lump sum—500,000-gal. elevated steel tank complete in place with raiser pipe, drain, 6-in. connection from standpipe to drain with 6-in. gate valve, gauge, and misc items;

**SCHEDULE NO. 2—Pipeline**

- (1) 2,700 c.y. Class 1 excav., including disposal of excav. material;
- (2) 2400 c.y. backfill for Class 1 excavation;
- (3) 1000 c.y. obtaining and hauling material for backfill;
- (4) 250 c.y. Class 2 struc. excav., including backfill and disposal of excess material;
- (5) 125 c.y. Class 3 excav. for small trenches, including cost of backfill and disposal of excess matl.;
- (6) 5400 ft. 16-in. I D Class B C.I. pipe, complete in place;
- (7) 2 only, 16-in. vertical geared gate valves, hub ends, with filled grease case;
- (8) 6,000 lbs. tees, angles, blow-off branches and other standard castings;
- (9) 1000 lbs. special castings;
- (10) 1 only, 2-in. pressure air valve assembly with gate valve;
- (11) 4 only, 2-in. combination pressure air and vacuum valve assemblies with gate valves;
- (12) 2 only, 22-in. C I rings and man-hole covers;
- (13) 50 ft. 2-in. standard wrought iron pipe, in place in air valve assemblies;
- (14) 100 sq. pavement removed and replaced on El Cajon Ave., including disposal of removed pavement;
- (15) 60 ft. pavement removed and replaced across 70th St., including disposal of removed pavement;
- (16) One 16-in. Sparling meter or equal at \$315 (fixed price);
- (17) 2 only, 3/4-in. pressure taps with bronze gate valves;
- (18) 150 c.y. concr., unclass., in footings, chambers, anchors, supports, or elsewhere, in place in the work, including setting of anchors to tower footings;
- (19) 275 bbls. cement, in place in work;
- (20) 5000 lbs. reinf. steel, in place;
- (21) 1 only, 1-in. connecting pipe line on El Cajon Ave.;
- (22) 500 ft. 10-in. concrete drain pipe with cement joints, complete in place.
- (23) 30 ft. 16-in I D Class B C.I. pipe, short sections;
- (24) 1 only, 1-in. blowoff valve assembly, complete with 4-in. gate valve and 20 ft. 4-in. wrought iron pipe.

**MENDOCINO COUNTY—BRIDGE—(State)**

MENDOCINO COUNTY, Cal.—Peter J. McHugh, 3004 16th Street, San Francisco, at \$55,391.00 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a bridge across Garcia River, 3.5 miles north of Point Arena, consisting of one 120-ft. steel truss span, one 66-ft., two 50-ft. and one 30-ft. 6-in. steel beam spans on concrete piers with timber pile foundations, and approximately four-tenths mile grading and surfacing with imported material and applying penetration oil treatment.

Work involves:

- (1) 1, lot clear and grub right of way;
- (2) 159 M. gals. water;
- (3) 1,650 c.y. rdwy. excav., unclas.;
- (4) 450 c.y. struc. excav.;
- (5) 11,069 c.y. imported borrow;
- (6) 19 sta. finishing rdwy.;
- (7) 11 tons liquid asphalt SC-2;
- (8) 65,000 lbs. bar reinf. steel;
- (9) 116 c.y. Class A portland cement concrete footing blocks;
- (10) 420 c.y. Class A Portland cement concrete struc.;

- (11) 217,000 lbs. struc. steel,
  - (12) 3,050 lbs. cast steel;
  - (13) 440 lf. timber railing;
  - (14) 1,280 lf. furnish untreated Douglas fir piles, includ. test piles;
  - (15) 1,500 lf. furnish treated do.;
  - (16) 88 each driving piles, including test piles;
  - (17) 86 lf. 18-in. CMP;
  - (18) 4 each culvert markers;
  - (19) 60 mile new property fence;
  - (20) 4 each drive gates;
  - (21) 10 each monuments;
  - (22) 1 only remove and dispose of existing bridge;
  - (23) 1 lot misc. items of work.
- The state will furnish CMP

Total bids follow:

- (A) Peter J. McHugh, 3004 16th St., San Francisco, \$55,391.00.
- (B) C. W. Caletti Co., San Rafael, \$56,154.10.
- (C) John Rocca, San Rafael, \$62,429.50.
- (D) M. E. McGowan, Inc., San Francisco, \$69,238.00.
- (E) Chas. L. Harney, San Francisco, \$71,625.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	\$1000.00	\$ 150.00	\$2000.00	\$1500.00	\$2000.00
(2).....	1.50	1.50	2.00	2.00	1.00
(3).....	.38	.40	.80	.80	.45
(4).....	7.00	3.00	6.00	4.00	2.00
(5).....	.38	.50	.75	.80	.60
(6).....	16.00	15.00	10.00	20.00	20.00
(7).....	20.00	25.00	30.00	20.00	50.00
(8).....	.063	.06	.06	.07	.075
(9).....	19.50	21.00	28.00	20.00	30.00
(10).....	26.50	24.50	35.00	33.00	35.00
(11).....	.09	.09	.0785	.10	.12
(12).....	.17	.29	.20	.20	.30
(13).....	1.50	1.30	1.50	1.00	1.50
(14).....	.22	.40	.25	.30	.40
(15).....	.90	1.10	.95	.80	.90
(16).....	40.00	13.50	40.00	50.00	22.60
(17).....	1.00	.65	2.50	2.00	1.00
(18).....	3.00	4.00	3.00	5.00	4.00
(19).....	1700.00	1560.00	800.00	2000.00	1200.00
(20).....	50.00	25.00	16.00	50.00	25.00
(21).....	3.00	4.00	3.00	5.00	4.00
(22).....	100.00	260.00	600.00	1240.00	2000.00
(23).....	1000.00	5000.00	1600.00	2805.00	2000.00

## SAN FRANCISCO—STREET IMPROVEMENT—(City)

SAN FRANCISCO, Calif.—The Fay Improvement Co., 760 Market St., San Francisco, at \$5,019.80, submitted low bid to the Dept. of Public Works, Room 251, City Hall, San Francisco, under Spec. No. 19074, for reconstructing Oregon Street, between Drumm Street and The Embarcadero. The work is estimated to cost \$4,920.

Work involves:

- (1) 450 c.y. crushed rock fill;
- (2) 555 lf. unarmored conc. curb;
- (3) 1 catchbasin, reset or reconstr.;
- (4) 2 brick manholes, complete;
- (5) 275 lf. 12-in. VCP sewer, in place;
- (6) 4 12x8-in. Y branches, in place;
- (7) 58 lf. 8-in. VCP sidesewers, in place;
- (8) 5 brick catchbasins, complete;
- (9) 158 lf. 10-in. VCP culvert, in place;
- (10) 7700 sq. ft. asph. conc. pavement, consisting of a 6-inch

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.34	\$.75	\$.80	\$ 1.20	\$ 1.40	\$ 1.25	\$ 1.60	\$ 1.40
(2)	.60	.55	.60	.50	.70	.80	.60	.60
(3)	56.00	59.25	50.00	60.00	40.00	50.00	40.00	50.00
(4)	90.00	100.00	125.00	90.00	100.00	100.00	100.00	100.00
(5)	2.12	2.00	2.50	2.00	3.00	2.00	2.25	4.50
(6)	2.50	2.50	2.00	1.00	1.00	2.00	3.50	3.50
(7)	1.23	1.00	2.25	1.40	1.40	1.50	1.75	1.50
(8)	84.00	75.00	100.00	90.00	90.00	90.00	75.00	100.00
(9)	1.85	1.25	1.50	1.60	1.25	1.50	2.00	1.20
(10)	20	28	25	265	.21	25	24	124
(11)	5.00	6.00	5.00	5.00	4.80	6.00	7.00	8.00
(12)	.15	.12	.15	14	.16	14	14	14
(13)	50.00	40.00	40.00	70.00	70.00	65.00	45.00	40.00
(14)	731.16	605.00	570.00	700.00	700.00	641.00	677.00	570.00

## NAVAJO CO., ARIZONA—Highway Construction—(State)

NAVAJO CO., Ariz.—Tanner Construction Co., 312 S. 11th St., Phoenix, Arizona, at \$32,693.36, submitted low bid to the Arizona State Highway Commission, Phoenix, Ariz., for highways improvement on the Showlow-Concho Highway, WAS 104-B (1938). The work, which consists of grading and draining about 2.4 mi. of roadway, is located from 2 1/2 to 5 miles southwest of Concho and is to be completed on or before December 31, 1937.

Work involves:

- (1) 2,786 c.y. roadway excav., uncl.;
- (2) 346 c.y. drainage excav., uncl.;
- (3) 237 c.y. struc. excav., uncl.;
- (4) 1413 sta. yd. sta. yd. overhaul;
- (5) 204 c.y. mi. c.y. mi. haul;
- (6) 37,226 c.y. imported borrow (CIP)
- (7) 4450 c.y. stripping pits;
- (8) 320 hrs. rolling;
- (9) 56 c.y. class A concrete (incl. cement);
- (10) 3520 lbs. reinf. steel (bars), (CIP)
- (11) 78 ft. 18-in. CMP (CIP except excavation);
- (12) 84 ft. 24-in. CMP (CIP except

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 98	\$ 125	\$ 1.00	\$ .70	\$.60	\$ .90	\$.75
(2)	.60	.50	1.60	.60	.50	.90	.40
(3)	2.00	1.50	1.50	1.50	1.00	2.00	1.50
(4)	.10	.10	.05	.05	.04	.04	.05
(5)	.50	.30	.25	.40	.30	.50	.50
(6)	.53	.60	.63	.63	.68	.60	.62
(7)	.30	20	15	20	16	30	25
(8)	4.00	2.50	3.75	4.00	4.00	4.00	4.00
(9)	30.00	40.00	33.50	35.00	24.00	35.00	35.00
(10)	.15	.10	.05	.10	.07	.12	.10
(11)	2.50	2.00	2.00	2.50	2.25	3.30	2.50
(12)	4.00	3.00	3.00	4.00	3.25	4.20	4.00
(13)	7.00	4.00	5.00	5.00	5.25	7.20	7.00
(14)	10.00	6.00	7.00	8.00	9.00	10.00	10.00
(15)	.12	.04	.06	.15	.08	.10	.15
(16)	20.00	20.00	10.00	25.00	12.00	6.00	25.00
(17)	5.00	2.00	3.00	3.50	3.00	3.00	4.00

- asphaltic concrete base, and a 2-inch asphaltic concrete wearing surface;
- (11) 15 tons asphaltic concrete conform. pavement, in place;
  - (12) 500 sq. ft. two-course concrete sidewalk;
  - (13) 1 police telephone box, relocated;
  - (14) Lump sum, street lighting system, complete.

Total bids follow:

(A) The Fay Improvement Co., 760 Market St., San Francisco	\$5,019.80
(B) E. J. Treacy	5,031.50
(C) Eaton & Smith	5,241.00
(D) Pacific Pavements Co., Ltd.	5,351.00
(E) Chas. L. Harney	5,355.20
(F) M. J. Lynch	5,379.50
(G) Lowrie Paving Co.	5,483.25
(H) A. G. Raisch	5,859.10

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.34	\$.75	\$.80	\$ 1.20	\$ 1.40	\$ 1.25	\$ 1.60	\$ 1.40
(2)	.60	.55	.60	.50	.70	.80	.60	.60
(3)	56.00	59.25	50.00	60.00	40.00	50.00	40.00	50.00
(4)	90.00	100.00	125.00	90.00	100.00	100.00	100.00	100.00
(5)	2.12	2.00	2.50	2.00	3.00	2.00	2.25	4.50
(6)	2.50	2.50	2.00	1.00	1.00	2.00	3.50	3.50
(7)	1.23	1.00	2.25	1.40	1.40	1.50	1.75	1.50
(8)	84.00	75.00	100.00	90.00	90.00	90.00	75.00	100.00
(9)	1.85	1.25	1.50	1.60	1.25	1.50	2.00	1.20
(10)	20	28	25	265	.21	25	24	124
(11)	5.00	6.00	5.00	5.00	4.80	6.00	7.00	8.00
(12)	.15	.12	.15	14	.16	14	14	14
(13)	50.00	40.00	40.00	70.00	70.00	65.00	45.00	40.00
(14)	731.16	605.00	570.00	700.00	700.00	641.00	677.00	570.00

- (13) 82 ft. 36-in. CMP (CIP except excavation);
- (14) 176 ft. 48-in. CMP (CIP except excavation);
- (15) 7670 ft. standard line fence (CIP);
- (16) 4 standard wire gates (type 2), (CIP);
- (17) 12 right of way markers (type A), (CIP);

Total bids follow:

(A) Tanner Constr. Co., Phoenix—\$32,693.36.
(B) Lewis Bros. Contrs., Inc., Phoenix—\$33,033.90.
(C) Heuser & Garnett, Glendale, Ariz.—\$34,567.23.
(D) Martin Constr. Co., Tucson, Ariz.—\$34,241.43.
(E) All-Arizona Engrg. & Constr. Co., Phoenix, Ariz.—\$34,258.
(F) Geo. W. Orr, El Paso, Texas—\$34,571.92.
(G) Ken Hoelzman, Flagstaff, Ariz.—\$34,704.17.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 98	\$ 125	\$ 1.00	\$ .70	\$.60	\$ .90	\$.75
(2)	.60	.50	1.60	.60	.50	.90	.40
(3)	2.00	1.50	1.50	1.50	1.00	2.00	1.50
(4)	.10	.10	.05	.05	.04	.04	.05
(5)	.50	.30	.25	.40	.30	.50	.50
(6)	.53	.60	.63	.63	.68	.60	.62
(7)	.30	20	15	20	16	30	25
(8)	4.00	2.50	3.75	4.00	4.00	4.00	4.00
(9)	30.00	40.00	33.50	35.00	24.00	35.00	35.00
(10)	.15	.10	.05	.10	.07	.12	.10
(11)	2.50	2.00	2.00	2.50	2.25	3.30	2.50
(12)	4.00	3.00	3.00	4.00	3.25	4.20	4.00
(13)	7.00	4.00	5.00	5.00	5.25	7.20	7.00
(14)	10.00	6.00	7.00	8.00	9.00	10.00	10.00
(15)	.12	.04	.06	.15	.08	.10	.15
(16)	20.00	20.00	10.00	25.00	12.00	6.00	25.00
(17)	5.00	2.00	3.00	3.50	3.00	3.00	4.00

## 31—PIPE LINES &amp; WELL

## BIDS WANTED

SAN DIEGO, Calif.—Until Oct. 2 11 a.m., bids will be received by Sa Diego city purchasing agent for furnishing and laying 5400 ft. 16-in. C pipe, misc. fittings and specials, and construction of concrete footings for steel tank. This work is in connection with construction of College reservoir near 73rd and Saranac Sts.

## BIDS WANTED

SAN FRANCISCO—Until Oct. 2 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. No. W.D. 108, for the laying of 60-in. steel sunset discharge main San Francisco.

Work involves:

- (1) 9570 lf. 6-in. diam. pipe, for aeration, lining and coating steel pipe with single standard wrapping;
  - (2) 35 roundabout seams from 60-h diam. steel pipe, fabrication of bends;
  - (3) 9400 lf. excav. and backfill, to normal trench not over 8 feet below official street surface for 60-in. diam. pipe;
  - (4) 254 c.y. additional excav. and backfill, for trench from normal depth to 10 ft. below official street surface;
  - (5) 406 c.y. additional excav. and backfill, for trench over 10 feet below official street surface;
  - (6) 100 c.y. excav. and backfill for drains, normal trench;
  - (7) 100 c.y. excav. and backfill for blow-offs, normal trench;
  - (8) 1100 sq. ft. additional pavement removal and replacement;
  - (9) 250 lf. installation of drains;
  - (10) 9,400 lf. of 60-in. diam. steel pipe;
  - (11) 153 lf. of bell and spigot joints for fittings, etc.;
  - (12) 40,000 lbs. installation of fittings;
  - (13) 57,000 sq. ft. repavement.
- Plans and specifications may be obtained at Room 605, San Francisco Water Dept., 425 Mason Street San Francisco, upon deposit of \$10.

## BIDS WANTED

SAN FRANCISCO—Until Oct. 13 2 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. W.D. 154, for the laying of a 16-in. cast iron main in Van Ness Ave., North Point to Bay Street, San Francisco.

Work involves:

- (1) 450 lf. excav. and backfill for 16-in. pipe, trench 30 in. wide by 48 in. deep;
  - (2) 20 c.y. additional excavation and backfill;
  - (3) 100 sq. ft. additional pavement removal and replacement;
  - (4) 450 lf. of 16-in. bell and spigot cast iron pipe;
  - (5) 6,000 lbs. installing of fittings, gate valves, etc.;
  - (6) 225 lf. bell and spigot joints for pipe fittings;
  - (7) 1250 sq. ft. repavement.
- Plans and specifications may be obtained at Room 605, San Francisco Water Dept., 425 Mason St., San Francisco, upon deposit of \$5.00.

## TO EXTEND PIPE LINE

EL SEGUNDO, Los Angeles Co., Cal.—Standard Oil Co., San Francisco, has announced that the company is planning to extend its Torrance-El Segundo pipe line to serve the new Wilmington field.

## CONTRACT AWARDED

ST. HELENA, Napa Co., Calif.—S. Lenz & Son, Route 1, St. Helena.

## STARK - RATH

Printing & Publishing Company  
465 Tenth Street - San Francisco, Calif.  
Telephone Market 7110

**SAMPETE CO., UTAH—TUNNEL—(Govt.)**

\$1260.00 submitted only bid and as awarded contract by St. Helena City Council, E. R. Palmer, City Clerk, City Hall, for furnishing and installing 1800 ft. of 12-in. concrete pipe and fittings.

**BIDS OPENED**

SAN FRANCISCO, Calif.—E. J. Treacy, 430 Bl. E. R. Palmer, City Clerk, City Hall, San Francisco, \$5,765.65, submitted low bid to the in San Francisco Public Utilities Commission, Room 287, City Hall, under F.W.D. Spec. No. 152, for laying miscellaneous pipe lines in San Francisco. Pipe will be 6, 8, and 12-inch with iron pipe with such fittings as will be required.

**Work involves:**

- 1) (a) 4715 lf. excav. and backfill for 6- and 8-in. pipe, trench 17 in. wide by 36 in. deep;
- (b) 325 lf. excav. and backfill for 12-in. cast iron pipe, trench 24 in. wide by 44 in. deep;
- 2) 70 c.y. additional excav. and backfill;
- 3) 145 sq. ft. additional pavement removal and replacement;
- 4) (a) 3,780 lf. installing 6-in. bell and spigot C.I. pipe;
- (b) 835 lf. 8-in. do.;
- (c) 325 lf. 12-in. do.;
- 5) 9060 lbs. installing fittings, gate valves, etc.;
- 6) 802 lf. making joints for pipe and fittings;
- 7) 5770 sq. ft. repavement.

**Total bids follow:**

A) E. J. Treacy, 430 Bl. Bldg., S. F.	\$5,765.65
B) Underground Constr. Co., Berkeley	6,996.10
C) Lowrie Paving Co., San Francisco	7,247.04

**Unit prices follow:**

	(A)	(B)	(C)
(1a).....	\$0.66	\$0.82	\$0.80
(b).....	1.00	1.00	1.00
(2).....	1.50	1.00	1.00
(3).....	.28	.30	.30
(4a).....	.06	1.00	.08
(b).....	.07	.12	.09
(c).....	.20	.20	.20
(5).....	.35	.05	.05
(6).....	.35	.30	.30
(7).....	.22	.25	.30

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS REJECTED**

BENTON AND FRANKLIN Cos., Wash.—L. V. Murrow, Director of Highways, Olympia, Wash., rejected all bids for the constructing cable towers and anchorages at the Handford Ferry on Secondary State Highway No. 11-A, State Project, in Benton and Franklin Counties, Washington, involving about 1240 cubic yards of excavation, 200 cubic yards of concrete, 12,500 lbs. of steel reinforcing bars, 10,000 lbs. of structural steel, 2,400 lbs. of cast steel, 57 MFBM of treated and 7 MFBM of untreated timber and lumber, 95 linear feet of drain pipe, and other items.  
Olympic Pile Driving Co., Port Townsend, at \$18,878, submitted the low bid.

**NO BIDS RECEIVED**

SAN MATEO, Calif.—No bids were submitted to the San Mateo City Council, Belton Rhodes, City Clerk, City Hall, San Mateo, for (a) the construction of a reinforced concrete storm drain, 3 feet high by 8 feet wide, Lot 4 Avenue; (b) the existing concrete culvert in the El Camino Real opposite Lotado Avenue be lowered 2½ feet and extended 15 feet to the northeasterly line of El Camino Real.

**BIDS WANTED**

SAN FRANCISCO—Until Oct. 11, 3 p.m., bids will be received by the

SPRING CITY, Sampete Co., Utah.—Dan Teters & Co., Inc., Riverside, California, at \$128,235 (Schedule 1) and Colonial Construction Co., Spokane, Wash., at \$150,465 (Schedule 2), submitted low bids to the U. S. Bureau of Reclamation, John C. Fage, Commissioner, 336 Federal Bldg, Salt Lake City, under Spec. No. 747, for the construction of the Spring City Tunnel.

**Work involves:**

**SCHEDULE 1:**

- (1) 800 c.y. excav., common, in open cut;
- (2) 500 c.y. excavation, rock, in open cut;
- (3) 7000 c.y. excav., all classes, in tunnel;
- (4) 37,000 lbs. furnishing and installing permanent steel tunnel supports;
- (5) 32 MFBM furnishing and erecting permanent timbering in tunnel;
- (6) 500 lf. constructing 6-in. diam. tunnel drain;
- (7) 50 lf. laying 6-in. diam. drain pipe with cement joints;
- (8) 1860 c.y. concrete in tunnel lining;
- (9) 14 c.y. concrete in portal structures and transitions;

- (10) 1300 lbs. placing rebar bars;
- (11) 20 c.y. backfill about structures;
- (12) 10 c.y. puddling or tamping backfill about structures;
- (13) 25 sq. yds. dry-rock paving;

**SCHEDULE 2:**

- (14) 800 c.y. excav., common, in open cut;
- (15) 500 c.y. excav., rock, in open cut;
- (16) 8650 c.y. excav., all classes, in tunnel;
- (17) 39,000 lbs. furnishing and installing permanent steel tunnel supports;
- (18) 34 MFBM furnishing and erecting permanent timbering in tunnel;
- (19) 500 lf. constructing 6-in. diam. tunnel drain;
- (20) 50 lf. laying 6-in. diam. drain pipe with cement joints;
- (21) 2150 c.y. concrete in tunnel lining;
- (22) 16 c.y. concrete in portal structures and transitions;
- (23) 1500 lbs. placing reinforcement bars;
- (24) 20 c.y. backfill about structures;
- (25) 10 c.y. puddling or tamping backfill about structures;
- (26) 25 sq. yds. dry-rock paving.

**Total bids follow:**

	Sch. 1	Sch. 2
(A) Dan Teters & Co., Inc., Riverside, Calif.	\$128,235.00	\$153,075.00
(B) Colonial Constr. Co., Spokane, Wash.	130,908.00	150,465.00
(C) T. E. Connolly, Inc., San Francisco	142,256.00	
(D) Gase Const. Co., Inc., Alhambra, Cal.	155,511.50	164,888.50
(E) Shofner, Gordon & Himmam, L. A.	170,154.00	169,368.00
(F) J. H. Thomas and L. S. Breckson, Bingham Canyon, Utah	172,605.00	205,369.00
(G) Gunther & Shirley Co., L. A.	174,774.00	211,725.00
(H) Platt Rogers, Inc., Pueblo, Calif.	184,442.50	
(I) The Utah Cons. Co., Ogden, Utah	186,704.00	197,780.00
(J) Winston Bros. Co., L. A.	205,548.00	236,702.50
(K) Morrison-Knudsen Co., Inc., Boise, Idaho		219,270.00

**Unit prices follow:**

**SCHEDULE 1:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1).....	\$10.00	1.00	2.00	1.50	1.50	\$0.90	1.00	6.00	1.00	1.50	.....
(2).....	10.00	2.00	2.00	1.50	1.50	1.95	3.00	10.00	2.00	2.50	.....
(3).....	13.00	12.00	17.00	18.25	18.06	16.32	19.50	19.00	19.00	22.00	.....
(4).....	.03	.10	.05	.05	.10	.10	.08	.12	.15	.11	.....
(5).....	30.00	90.00	40.00	35.00	100.00	70.00	100.00	150.00	200.00	110.00	.....
(6).....	2.00	1.90	4.00	1.00	1.50	2.00	2.50	1.00	4.00	2.80	.....
(7).....	2.00	1.00	.50	1.00	.60	.50	2.50	.50	2.00	2.00	.....
(8).....	11.00	20.00	9.00	11.55	17.95	26.45	15.00	17.00	20.00	21.00	.....
(9).....	30.00	20.00	30.00	26.50	40.00	18.00	30.00	20.00	30.00	50.00	.....
(10).....	.10	.06	.02	.05	.03	.07	.03	.05	.08	.05	.....
(11).....	1.00	2.00	5.00	1.00	.60	3.00	1.00	2.00	1.00	2.00	.....
(12).....	1.00	3.00	.50	1.50	.60	3.00	1.00	1.00	1.00	1.50	.....
(13).....	1.00	4.00	4.00	3.50	4.00	3.00	2.00	2.50	4.00	5.00	.....

**SCHEDULE 2:**

(14).....	10.00	1.00	.....	1.50	1.50	90	1.00	.....	1.00	1.50	2.50
(15).....	10.00	2.00	.....	2.00	1.50	1.95	3.00	.....	2.00	2.50	2.50
(16).....	13.00	11.50	.....	15.00	14.50	16.12	19.50	.....	16.00	20.70	19.00
(17).....	.03	.10	.....	.05	.10	.10	.08	.....	.14	.11	.10
(18).....	30.00	90.00	.....	35.00	100.00	70.00	100.00	.....	185.00	110.00	150.00
(19).....	2.00	1.50	.....	1.00	1.50	2.00	2.50	.....	4.00	2.80	2.00
(20).....	2.00	1.00	.....	1.00	.60	.50	2.50	.....	2.00	2.00	3.00
(21).....	11.00	19.00	.....	10.90	15.40	26.22	15.00	.....	20.00	20.75	19.00
(22).....	30.00	20.00	.....	28.50	40.00	18.00	30.00	.....	30.00	50.00	25.00
(23).....	.10	.06	.....	.05	.03	.07	.03	.....	.08	.05	.05
(24).....	1.00	2.00	.....	1.00	.60	3.00	1.00	.....	1.00	2.00	2.00
(25).....	1.00	3.00	.....	1.50	.60	3.00	1.00	.....	1.00	1.50	3.00
(26).....	1.00	4.00	.....	3.50	4.00	3.00	2.00	.....	4.00	5.00	5.00

**LOS ANGELES CO.—GRADING & PAVING—(State)**

LOS ANGELES CO., Calif.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at \$123,349, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and paving 16 miles with Portland cement concrete, plant-mix-4 surfacing between Trancas Beach and Walnut Canyon, Los Angeles County.

**Work involves:**

- (1) 84 sta. clear and grub right-of-way;
- (2) 3000 M. gals. water;
- (3) 580 c.y. removing existing conc.;
- (4) 17,000 c.y. rdwy. excav., unclass;
- (5) 1300 c.y. struc. excav.;
- (6) 1000 c.y. ditch and channel excav.
- (7) 500,000 cu. yds. overhaul;
- (8) 11,000 c.y. sand subgrade treatment.

- (9) 51,000 sq. yds. subgrade blending
- (10) 20,300 sq. yds. preparing subgrade;
- (11) 84 sta. finishing rdwy.;
- (12) 55 tons liquid asph. SC-2 (prime coat);
- (13) 5500 tons mineral agg. (plant-mixed surfacing);
- (14) 295 tons liquid asphalt, ROMC-4 or ROMC-5 (do);
- (15) 28,000 sq. yds. prepare, mix and shape shoulders;
- (16) 340 tons liquid asphalt, SC-2 (shoulders);
- (17) 4,100 c.y. Class A Portland cement concrete pavement;
- (18) 7,600 cu. yd. pavement dowel;
- (19) 16,500 lbs. bar reinf. steel, pavement and structure;
- (20) 30 c.y. Class A Portland cement concrete structure;
- (21) 460 lf. 8-in. CMP;
- (22) 210 lf. 18-in. do;
- (23) 220 lf. 24-in. do;
- (24) 610 lf. 30-in. CMP;
- (25) 60 lf. removing, and salvaging pipe culvert;
- (26) 21 each spillway assemblies;
- (27) 340 c.y. Class A Portland cement concrete curb;
- (28) 22 each culvert markers;
- (29) 3.1 miles removing and setting property fences;
- (30) 4 each drive gates;

- (31) 700 lbs. misc. iron and steel  
Total bids follow:
- (A) Macco Constr. Co., 815 Paramount Blvd., Clearwater—\$123,249.
- (B) Bodenhamer Constr. Co., Oakland—\$126,994.
- (C) C. O. Sparks & Mundo Engrg., Los Angeles—\$127,378.
- (D) N. M. Ball & Sons, Berkeley—\$128,576.
- (E) D. W. Thurston, Los Angeles—\$129,955.
- (F) J. E. Haddock, Ltd., Pasadena—\$132,682.
- (G) Daley Corp., San Diego—\$137,130.50.
- (H) Oswald Bros., Los Angeles—\$139,632.50.
- (I) Claude Fisher Co., Ltd., Los Angeles—\$139,826.50.
- (J) Dimmitt & Taylor, L. A.—\$142,345.
- (K) Griffith Co., L. A.—\$144,297.
- (L) Sander Pearson & Minnis & Moody—\$144,813.
- (M) Metropolitan Constr. Co., L. A.—\$145,929.
- (N) Geo. J. Beck Co., L. A.—\$150,877.
- (O) Geo. R. Curtis Pav. Co., L. A.—\$159,279.70.
- (P) Baker Bros., Torrance — \$184,592.60.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 5.50	\$20.00	\$35.00	\$10.00	\$ 5.50	\$10.00	\$10.00	\$ 9.00
(2)	1.00	.75	.50	1.00	.80	1.25	.90	2.00
(3)	1.50	1.25	2.00	2.50	2.40	1.50	1.50	1.50
(4)	.17	.20	.20	.22	.22	.205	.24	.23
(5)	1.00	1.20	1.00	1.00	1.00	1.50	1.50	1.50
(6)	.75	.25	.50	.70	.75	.50	.80	1.00
(7)	.003	.003	.006	.005	.001	.005	.005	.003
(8)	.30	.40	.50	.35	.45	.40	.35	.40
(9)	.07	.06	.05	.04	.04	.07	.03	.06
(10)	.07	.10	.10	.09	.09	.09	.12	.10
(11)	7.50	10.00	10.00	10.00	5.00	10.00	5.00	10.00
(12)	10.00	15.00	10.00	10.00	9.99	8.75	10.50	13.00
(13)	3.00	2.85	3.20	2.80	3.25	3.40	3.15	3.50
(14)	14.00	13.00	12.00	13.00	13.30	12.85	12.00	13.00
(15)	.06	.05	.06	.05	.05	.06	.07	.06
(16)	8.50	7.00	7.50	7.00	8.05	7.75	8.25	8.00
(17)	8.75	9.00	7.90	8.40	8.25	8.45	9.00	8.50
(18)	.15	.13	.14	.15	.15	.135	.13	.13
(19)	.07	.07	.07	.08	.075	.09	.075	.075
(20)	25.00	24.00	25.00	25.00	25.00	30.00	35.00	30.00
(21)	1.00	1.00	.90	1.00	1.00	1.00	1.00	1.00
(22)	2.00	2.00	1.70	2.00	2.00	1.70	2.00	1.80
(23)	3.00	2.70	2.40	3.00	3.00	2.55	3.00	2.50
(24)	4.00	3.50	3.30	3.50	3.75	3.25	4.00	3.50
(25)	1.00	1.00	.50	1.00	1.00	1.00	1.00	1.00
(26)	13.00	15.00	15.00	15.00	20.00	15.00	15.00	16.00
(27)	17.00	13.00	14.00	13.50	11.80	13.90	13.00	15.00
(28)	3.00	3.00	3.00	3.00	2.00	2.50	2.50	2.00
(29)	400.00	150.00	350.00	350.00	140.00	400.00	300.00	500.00
(30)	15.00	35.00	30.00	20.00	25.00	16.00	20.00	15.00
(31)	.12	.15	.17	.15	.18	.20	.25	.16

	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1)	\$25.00	\$20.00	\$10.00	\$10.00	\$10.00	\$10.00	\$ 5.00	\$10.00
(2)	1.40	1.50	1.70	1.50	1.00	1.50	1.35	2.00
(3)	1.70	2.00	2.00	3.50	2.00	2.00	3.50	2.00
(4)	.22	.45	.268	.27	.25	.27	.34	.25
(5)	1.25	1.10	1.00	1.25	1.25	1.15	1.00	1.25
(6)	1.00	1.10	1.00	.75	1.00	.65	.80	.90
(7)	.005	.01	.005	.05	.01	.005	.001	.01
(8)	.50	.35	.40	.35	.35	.40	.60	.50
(9)	.09	.05	.10	.08	.07	.20	.06	.04
(10)	.09	.12	.12	.10	.10	.12	.11	.12
(11)	10.00	15.00	10.00	5.00	10.00	5.00	5.00	10.00
(12)	12.00	9.00	11.00	16.00	10.00	8.50	9.60	18.00
(13)	3.40	2.85	3.00	3.00	3.50	3.50	3.72	4.91
(14)	14.00	13.00	13.00	13.00	13.00	12.00	12.50	11.50
(15)	.05	.06	.07	.06	.07	.06	.055	.07
(16)	6.00	9.00	7.00	7.50	6.35	8.00	8.00	10.00
(17)	8.00	8.00	7.70	8.40	9.25	8.50	8.60	10.38
(18)	.15	.16	.12	.15	.15	.15	.14	.14
(19)	.085	.08	.07	.085	.05	.10	.08	.078
(20)	30.00	26.00	40.00	30.00	30.00	25.00	30.00	30.00
(21)	1.60	1.10	1.00	1.25	1.00	1.10	1.00	1.35
(22)	1.75	2.10	2.00	2.50	2.00	2.25	2.00	2.25
(23)	2.70	3.30	3.00	3.30	3.00	2.25	2.00	2.25
(24)	3.35	1.00	4.00	4.10	3.50	4.00	3.70	3.25
(25)	1.00	1.00	.90	.75	.50	1.00	1.00	.75
(26)	15.00	15.00	16.00	17.00	17.00	15.00	18.00	24.00
(27)	12.00	15.00	15.00	14.00	14.00	14.00	14.50	22.00
(28)	2.00	3.00	3.00	1.25	2.50	2.50	2.50	2.50
(29)	400.00	400.00	400.00	450.00	200.00	300.00	500.00	500.00
(30)	25.00	20.00	20.00	25.00	20.00	25.00	18.00	20.00
(31)	.18	.20	.18	.17	.30	.20	.18	.36

San Francisco Bay Exposition Co. 585 Bush St., for the construction of the second plant, storm sewer extension, Yerba Buena Shoals. Plans and specifications may be obtained from the above office upon deposit of \$20.

33— WATER WORKS

**BIDS WANTED**  
STOCKTON, San Joaquin Co., Cal.—Until Oct. 6, 2 P. M., bids will be received by the Reclamation District No. 551, W. P. Dwyer, Jr., Secretary, at the office of the district in the Pump House, Snodgrass Square, for the construction of a pumping plant to pump drainage waters in the district. Plant is to be located near the center of Sec. 10, T. 5 N., R. 4 E., M.D.B. & M. Plans and specifications may be obtained at the office of Ohm and Raab, 109 E. Weber Ave., Stockton, upon deposit of \$20.00.

September 28, 1937.

**BIDS WANTED**  
SAN DIEGO, Cal.—Until Oct. 26, 11 a.m., bids will be received by San Diego city purchasing agent for furnishing and erecting one 600,000-gal. steel elevated water tank approximately 71 feet above ground; concrete foundation will be constructed under separate contract. This work is in connection with construction of College reservoir near 73rd and Saranac Streets.

October 1, 1937.

**BIDS OPENED**  
SAN DIEGO, Calif.—As previously reported, Harry L. Foster, 4348 Hilldale Road, San Diego, at \$8,995 (Item 1) and Chicago Bridge & Iron Wks., 526 Riata Bldg., San Francisco, at \$8,590 (Item 2), submitted low bids and were recommended for award by Lt. Commander L. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8570, for improvements to the water supply main at the Naval Operating Base, San Diego. Work involves:

- (1) 3340 ft. 6-in. and 8-in. cast iron water pipe and fittings, (2) two water pumps with motors, rated 50 gals. per minute;
- (3) 50,000 gal. elevated tank and tower.

Total bids follow:  
Harry L. Foster, 4348 Hilldale Rd., San Diego—(1) \$8,995; (2) .....; (3) \$18,695.

Chicago Bridge & Iron Works, San Francisco—(1) .....; (2) \$8,590.  
H. H. Peterson, San Diego—(1) \$11,190; (2) .....  
V. R. Dennis Constr. Co., San Diego—(1) \$12,035; (2) \$9,796.  
M. H. Golden, San Alhambra—(1) \$12,080; (2) .....  
Case Constr. Co., Alhambra—(1) \$12,290; (2) .....  
F. E. Young, San Diego—(1) \$16,011.06; (2) \$11,679; (3) \$27,690.06.  
Contracting Engineers Co., L. A.—(1) \$16,000; (2) \$10,372; (3) \$26,800.  
R. E. Hazard & Son, San Diego—(1) \$18,845.52; (2) .....  
Pittsburgh-Des Moines Steel Co., San Francisco—(1) .....; (2) \$8,980.  
Daley Corp., San Diego—(3) \$19,945.

**BIDS WANTED**  
GRANT'S PASS, Oregon.—Until October 19, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Grant's Pass. Drawings and specifications may be obtained from the above office and from the Custodian of the Building.



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until Oct. 6, 10 a.m., bids will be received by the Purchasing and Contracting Office, Major D. Grove, Quartermaster Corps, Fort Mason, under Bid No. 928-38-87, or furnishing 5000 lbs. wiping cloths, corrugated ash and garbage cans; f.o.b. Fort Mason.

Specifications obtainable from the above office.

**SACRAMENTO, Cal.**—Until Oct. 5, P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. S. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-85, for the use of a barge, not less than 24 ft. beam and 70 ft. length and not less than 4 ft. nor more than 7 ft. depth, to be used for about 60 days.

Plans and specifications may be obtained from the above office. \*

**SAN FRANCISCO.**—Bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials, as follows:

October 6, 3 P. M.

**BID NO. 868-38-99.**—Nails, bolts and lumber of various sizes; f.o.b. Yerba Buena Island.

**BID NO. 868-38-41.**—Misc. pipe and fittings; f.o.b. Yerba Buena Island.

**SACRAMENTO, Calif.**—Until Oct. 15, 3 p.m., bids will be received by the U. S. Engineer's Office, Lt.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order No. 8729, for sale of engine, boiler, machinery and other fixed equipment on Snagboat "Yuba."

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the U. S. Engineer's Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing machinery and materials, as follows:

October 5, 3 P. M.

**BID NO. 868-38-36.**—One lot gudgeons, lower bolt pipes, upper bolt angle assemblies with anchors and pipe for eight doors, and doors; f.o.b. Fort Funston.

**BID NO. 868-38-37.**—8 ventilator shafts with elbows, and 4 ventilator screens; f.o.b. Fort Funston.

Specifications obtainable from the above office.

**SACRAMENTO, Calif.**—Until October 8, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

**BID NO. 1105-38-85.**—15,000 ft. blasting fuse, triple tape, waterproof, to be furnished in rolls of 3,000 ft. each; f.o.b. Sacramento.

**BID NO. 1105-38-91.**—One carryall scraper of 8 cu. yds. capacity, completely equipped; f.o.b. Sacramento.

## CONCHAS DAM

**CONCHAS DAM, N. M.**—Until Oct. 5, 11 A. M., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for (1) 70,000 c.f. oxygen gas in standard welding type cylinders of approximately 200 to 220 c.f. capacity, and (2) 30,000 c.f. acetylene gas in standard welding type cylinders of approx. 250 to 300 c.f. capacity. Bids to state daily rental on cylinders. All for delivery at Newkirk, N. M. Inv. W911-38-42.

**CONCHAS DAM, N. M.**—Until Oct. 6, 11 a.m., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for 1000 ft. 1½-in. cotton, rubber lined, fire hose, complete with couplings; f.o.b. Newkirk, N. M. Invitation W 911-38-41.

**CONCHAS DAM, N. M.**—Until Oct. 11, 11 A. M., bids will be received by U. S. Engineer, Conchas Dam, N. M., for (1) air receiver, 30-in. dia. by 7 ft. long; (2) air receiver, 42-in. dia. by 10 ft. long, both for 125-lb. working pressure; f.o.b. Newkirk, N. M., or as an alternate, (1) and (2) f.o.b. car contractor's plant or shipping point for shipment to Newkirk on government bill of lading; Inv. No. W 911-38-43.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox Procurement Officer, Room 514, 49 Fourth Street, San Francisco, for supplies and materials for use on WPA projects, as follows:

OCTOBER 7, 10 A. M.:

**BID NO. 4537.**—One lot all finish hardware: kick plates, door bars for one bath house, two comfort stations; f.o.b. San Francisco.

Specifications obtainable from the above office.

## PARK SERVICE

**YOSEMITE NATIONAL PARK.**—Until October 5, 3 p.m., bids will be received by the Yosemite National Park, Lawrence C. Marriam, Acting Superintendent, Yosemite National Park, under Bid No. 1112, for rental of one electrically operated double-drum hoist, f.o.b. West Portal, Big Oak Flat Road Tunnel.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 Fourth St., San Francisco, for furnishing supplies for use on WPA projects, as follows:

OCTOBER 1, 10 A. M.:

**BID NO. 4526.**—12,000 FBM Douglas fir, f.o.b. near Hanford.

**BID NO. 4537.**—Baldwood and Douglas fir; f.o.b. Baldersfield.

Specifications obtainable from the above office.

**SAN FRANCISCO.**—Until Oct. 6, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 514, 49 4th St., San Francisco, under Bid No. 4529, for furnishing 400 tons

of gravel for backfilling drain ditches; f.o.b. San Francisco Airport, San Mateo County.

## U. S. FOREST SERVICE

**SAN FRANCISCO.**—Until Oct. 5, 2 p.m., bids will be received by the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market Street, San Francisco, under Bid No. 1174, for blower type heating units; f.o.b. shipping point and/or Susanville.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Hayble, Supply Officer, Government Island, for furnishing supplies and materials as follows:

OCTOBER 5, 2 P. M.:

**BID NO. 5196:** 2000 miles galvanized telephone line wire; f.o.b. Lufkin, Texas.

OCTOBER 6, 2 P. M.:

**BID NO. 5197:** Corrugated galvanized steel sheet roofing and doors and ridge roll; f.o.b. Susanville, Calif.;

**BID NO. 5198:** Base plates and angles; f.o.b. Susanville, Calif.;

**BID NO. 5199:** 1755 barrels of Portland cement; f.o.b. Eureka, Cal. \*

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Oct. 25, 2 p.m., bids will be received by Metropolitan Water District, Los Angeles, for steel panels for use as control boards at Colorado River aqueduct pumping plants and for mounting and wiring equipment thereon. Spec. 241. Sched. 1 to 5, incl., cover fabrication and furnishing of steel panels; Sched. 6 to 10, incl., cover mounting of equipment on and wiring control boards. Certified or cashier's check, 10%, must accompany bid.

## WAR DEPARTMENT

**SAN FRANCISCO.**—Until Oct. 4, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-43, for furnishing reinforcing steel bars of various sizes; f.o.b. Fort Funston.

**SAN FRANCISCO.**—Until Oct. 7, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-43, for rental of portable electric welding apparatus and acetylene burning apparatus; f.o.b. San Francisco.

Specifications obtainable from the above office.

**FORT MASON, Cal.**—Until Oct. 12, 11 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-92, for furnishing twine, nails, burlap, packing boxes, etc., f.o.b. Fort Mason.

Specifications obtainable from the above office.

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## IN THIS ISSUE



Harney Low on 19th Ave.  
Job at \$110,316

♦ ♦ ♦

*Bids on Four State Jobs October 27-28*

♦ ♦ ♦

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., OCTOBER 9, 1937

No. 38

## BIDS OCTOBER 27 ON SPAN ACROSS SUTTER BYPASS

State Highway Commission  
Sets Opening Dates on  
Four Projects

SACRAMENTO, Oct. 6. — The State Highway Commission today authorized for advertising four contracts for work on state highways, one project in Northern California and three in Southern California.

Bids will be opened October 27 and 28 in Sacramento and Los Angeles.

Projects authorized for advertising today are located as follows:

**Sutter county:** construction of a reinforced concrete slab bridge across Sutter Bypass about 12 miles west of Yuba City. The bridge will consist of one five and one-half foot span, one seven and one-half foot span, twenty-two 15-foot spans and 173 twenty-two foot spans on concrete pile bents. Bids will be opened in Sacramento October 27.

### Widening Bridges

**Los Angeles county:** widening bridges across Zuma Creek and Trancas Creek at points about 17 and 18 miles north of Santa Monica. Bids open in Los Angeles October 28.

**Riverside county:** grading and paving with plant-mixed surfacing about two and four-tenths miles between Beaumont and two miles south of the San Bernardino county line. Bids open in Los Angeles October 28.

**Orange county:** grading and paving with asphalt concrete and plant mixed surfacing about one-half mile on Tustin avenue at Seventeenth street. Bids will be opened at the office of the State Highway Engineer in Los Angeles October 28.

Malleable iron castings shipments during the first eight months of 1937 totaled 440,451 short tons, the Bureau of the Census reports, as compared with 358,488 short tons shipped during the corresponding period last year.

## Harney Submits \$110,316 Low Proposal For Nineteenth Avenue Reconstruction

Charles L. Harney, at \$110,316.90, yesterday submitted the low bid to Director William H. Worden of the San Francisco Department of Public Works for widening and reconstructing Nineteenth avenue from Sloat boulevard to Taraval street.

The job is the largest street project for which bids have been called by the Department of Public Works in recent months.

Charles L. Harney's bid on the principal item 190,000 sq. ft. of asphalt concrete pavement—was twenty-six cents per square foot. Fry Improvement Company, second lowest bidder at \$114,501.20, offered a price of twenty-seven cents per square foot on the same item. Other prices ranged up to thirty-four cents.

### Eaton & Smith Third

Third lowest bidder on the job was Eaton and Smith, at \$120,133.20, followed by Lowrie Paving Co., at \$122,933. Other bidders were: A. G. Raiser, at \$128,237.80, and Pacific Pavement Co., Ltd. at \$134,196.00.

The project will be financed with quarter cent State Highway funds.

Prices on thirty-three items were submitted in bids on the Nineteenth avenue project. Principal items include: 10,000 cubic yards of excavation; 13,000 cubic yards of borrow; 5,000 cubic yards of pavement excavation; 40,000 sq. ft. of 8-inch concrete pavement; 12,000 square feet of asphalt concrete pavement; 12,000 square feet of asphalt concrete track pavement; electrical work; relocating three hydrants; and a traffic control system.

### Traffic Bureau Job

The Bureau of Building Repair of the Department of Public Works at \$918.15, submitted the low bid for alterations to the Traffic Bureau in the City Hall. Second lowest bidder was Frank J. Reilly Co., at \$1411, followed by Braun-Kuhn Company, at \$1602.

Maddox & Peterson, at \$396, submitted the low bid for roofing a circular deck of the City Hall Dome. D. J. and T. Sullivan, at \$348, was the low bidder for moving two bungalows from the Sunshine School site to Samuel Gompers School.

## S. F. Plastering Contractors Busy As Work Resumes

Plastering work was resumed this week in San Francisco, apparently by means of an unofficial arrangement with hodcarriers. Negotiations between the Master Plasterers and the plasterers' union were completed last week, as previously reported, and work was in full swing on plastering jobs throughout the city Monday and yesterday.

Spokesmen for the hodcarriers' union were quoted as saying: "The men were receiving \$1.30 an hour.

Signing of an agreement at this figure was not approved by the employers, according to Wm. E. Hague, secretary of the Building Trades Employers' Association. Mr. Hague declared all jobs were being worked and that any differences between union and employers would in all probability be taken care of in the future.

"Plaster work is now going ahead," he said. "Any differences with the hodcarriers presumably will be satisfactorily settled at a later date."

Plastering contractors throughout the city were busy with work piled up during the recent strike, and there seemed no prospect of further cessation of activity in this field for the present.

Shipments of fire extinguishing motor apparatus during July, 1937, totaled 29 units, as compared to shipments amounting to 67 units for the same month in 1936, the Bureau of Census reports.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
890	Driscoll	Hjul	7500
891	Johnson	Owner	2000
892	Schmidt	Owner	3000
893	Sheehan	Williams	5850
894-903	Standard	Owner	3500
904	Hirsch	Malloch	5000
905	Kilgore	Nielsen	1200
906-11	Lindsay	Owner	3500
912	Nelson	Owner	3000
913	Nelson	Owner	3000
914	O'Donnell	Owner	5000
915	McCarthy	Aetna	4000
916	Asch	Owner	1600
917	Barsocchini	Faggioni	4500
918	Coakley	Owner	2800
919	Curtner	Owner	1000
920	Dibert	Andersen	1725
921	Mignola	Owner	4000
922	Mignola	Owner	4000
923	Soderlund	Owner	1490
924	Stover	Cuthbertson	1000
925	Barber	Owner	3800
926	Bernheim	Empire	5000
927	McNair	Jensen	4000
928-9	Rousseau	Owner	6000
930	Capital	Langfelder	2500
931	Capital	Langfelder	1500
932-36	Gall	Owner	3500
937	Gall	Owner	3750
938	James	Owner	3000
939	McMahon	Kelly	1500
940	Mendo	Janassen	4000

## WAREHOUSE

(890) NW HARRISON & 16th Sts.  
One-story mill construction ware-  
house.

Owner—Thos. A. Driscoll, 800 Fran-  
cisco Street.  
Contractor—James H. Hjul, 128 Russ  
Street.

Architect—Not Given. \$7500

## ALTERATIONS

(891) 401 SUTTER ST. Alter stores  
and offices.  
Owner—Walter P. Johnson, City Hall  
Architect—Not Given. \$2,000

## DWELLING

(892) S PRECITA AVE. 445 West  
Folsom St. One-story and base-  
ment frame dwelling.

Owner and Builder—Schmidt Bros.,  
25 Virgil Street.  
Architect—Not Given. \$3,000

## DWELLING

(893) N ALEMANY BLVD. 14 West  
Cotter. One-story and basement  
frame dwelling.

Owner—B. D. Sheehan, c/o contrac-  
tor.  
Contractor—Williams Const. Co., 3366  
22nd Street.  
Architect—Not Given. \$5,850

## DWELLING

(894) W 32nd AVE. 400 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(895) W 32nd AVE. 325 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(896) E 33rd AVE. 350 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(897) W 32nd AVE. 375 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(898) W 32nd AVE. 300 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(899) E 33rd AVE. 325 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(900) E 33rd AVE. 400 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(901) W 32nd AVE. 350 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(902) E 33rd AVE. 375 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## DWELLING

(903) E 33rd AVE. 300 S Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Standard Bldg.  
Co., 1500 Judah Street.  
Architect—Not Given. \$3,500

## MARKET

(904) SW MISSION and 19th Sts.  
One-story frame market.

Owner—E. Hirsch, c/o contractor.  
Contractor—J. S. Malloch, 666 Mis-  
sion Street.  
Architect—Not Given. \$5,000

## ALTERATIONS

(905) 153 TERRACE DRIVE. Alter  
dwelling.

Owner—Dr. A. Kilgore, premises.  
Contractor—N. F. Nelson, 666 Mis-  
sion Street.  
Architect—Julia Morgan, 1138 Mer-  
chants Exchange Bldg. \$1,200

## DWELLING

(906) W 37th AVE. 75 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(907) W 37th AVE. 25 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(908) W 37th AVE. 100 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(909) W 37th AVE. 150 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(910) W 37th AVE. 125 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(911) W 37th AVE. 50 N Kirkham.  
One-story and basement frame  
dwelling.

Owner and Builder—Claude T. Lind-  
say, 820 Taraval Street.  
Architect—Not Given. \$3,500

## DWELLING

(912) N CORBETT AVE. 470 East  
Clayton. One-story and basement  
frame dwelling.

Owner and Builder—Fernando Nel-  
son & Sons, 2901 19th Avenue.  
Architect—Not Given. \$3,000

## DWELLING

(913) N CORBETT AVE. 503 East  
Clayton. One-story and basement  
frame dwelling.

Owner and Builder—Fernando Nel-  
son & Sons, 2901 19th Avenue.  
Architect—Not Given. \$3,000

## ALTERATIONS

(914) S TURK ST. 137 W Taylor.  
Alter club.

Owner—Vincent O'Donnell, 1820 Mills  
Tower.  
Architect—A. O. Johnson, 450 Powell  
Street. \$5,000

## DWELLING

(915) W FAXON 150 S De Mont-  
ford. One-story and basement  
frame dwelling.

Owner—J. D. McCarthy, 333 Kearny.  
Contractor—Aetna Const. Co., 1734  
24th Avenue.  
Architect—Not Given. \$4,000

## ALTERATIONS

(916) 2336 30TH AVE. Alter dwell-  
ing.

Owner—Mel Asch, Prem.  
Architect—Not Given. \$1600

## DWELLING

(917) N GILMAN, 425 W JEN-  
NINGS. One-story frame dwell-  
ing.

Owner—Alessandro and Amelia Bar-  
socchini, 1060 Egbert St.  
Contractor—Faggioni and Barsoc-  
chini, 1567 Revere Ave.

## ALTERATIONS

(918) 2837 1/2 - 2837 HARRISON ST.  
Alter flats.

Owner—Elizabeth Coakley, Prem.  
Architect—Not Given. \$2000

## FLATS

(919) W PEABODY, 96 S SUNNY-  
VALE. Two-story frame flats.

Owner—Arthur Curtner, Prem.  
Architect—Not Given. \$1000

## ALTERATIONS

(920) 1135 ULLOA ST. Alter dwell-  
ing.

Owner—Estate of M. T. Dibert, Prem.

Contractor—Charles Andersen, 150 Granville Way. Architect—Not Given. \$1725

**DWELLING**  
(921) E. 33RD AVE., 350 S JUDAH ST. One-story and basement frame dwelling.  
Owner—Jos. Mignola, 1386 15th Ave. Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(922) E. 33RD AVE., 325 S JUDAH ST. One-story and basement frame dwelling.  
Owner—Jos. Mignola, 1386 15th Ave. Architect—C. O. Clausen, 746 46th Ave. \$4000

**DWELLING**  
(923) E. PERALTA, 309 S CORTLAND AVE. One-story frame dwelling.  
Owner—Edwin Soderlund, 624 Holladay Ave. Architect—Not Given. \$1490

**ALTERATIONS**  
(924) 15th COR. NOE AND BEAVER STS. Alter flats.  
Owner—Dr. Stover, deYoung Bldg. Contractor—Tom Cuthbertson, 430 Noriega. Architect—Not Given. \$1000

**DWELLING**  
(925) W ALEMANY BLVD. 75 N Lyell. One-story and basement frame dwelling.  
Owner and Contractor—H. Barber, 225 College Avenue. Architect—Not Given. \$3,800

**STORES**  
(926) S WEST PORTAL AVE. 367 W Vicente. One-story and basement frame stores.  
Owner—Julius H. Bernheim, c/o architect. Contractor—Empire Const. Co., Russa Building. Architect—Masten, Hurd and Roeth, 442 Post Street. \$5,000

**ALTERATIONS**  
(927) 24 ALTA ST. Alter dwelling.  
Owner—F. McNear, Jr., c/o architect. Contractor—G. P. W. Jensen & Sons, 320 Market Street. Architect—Angus McSweeney, 604 Mission Street. \$4,000

**DWELLING**  
(928) W CHABOT TERRACE 165 S Turk St. Two-story and basement frame dwelling.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street. Architect—Not Given. \$6,000

**DWELLING**  
(929) W CHABOT TERRACE 190 S Turk St. Two-story and basement frame dwelling.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street. Architect—Not Given. \$6,000

**ALTERATIONS**  
(930) 485 CALIFORNIA ST. Alter office building.  
Owner—Capital Co., 625 Market St. Contractor—Langfelder and Schuster, 565 7th St. Architect—Not Given. \$2500

**ALTERATIONS**  
(931) 240 CLEMENTINA. Alter factory.  
Owner—Capital Co., 625 Market St. Engineer—L. H. Nishkian, 525 Market St. \$1500

**DWELLING**  
(932) W. 21ST AVE., 100 S ORTEGA. One-story and basement frame dwelling.

Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

**DWELLING**  
(933) W. 21ST AVE., 25 S ORTEGA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

**DWELLING**  
(934) W. 21ST AVE., 75 S ORTEGA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

**DWELLING**  
(935) W. 21ST AVE., 125 S ORTEGA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

**DWELLING**  
(936) W. 21ST AVE., 50 S ORTEGA. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3500

**DWELLING**  
(937) SW 21ST AVE. AND ORTEGA AVE. One-story and basement frame dwelling.  
Owner—R. F. Galli, 377 West Portal Ave. Architect—E. H. Denke, 1317 Hyde St. \$3750

**DWELLING**  
(938) S. 27TH ST., 255 W DIAMOND ST. One-story and basement frame dwelling.  
Owner—E. A. James, 4156 23rd St. Architect—Not Given. \$3000

**ALTERATIONS**  
(938) 717 MARKET ST. Alter office building.  
Owner—Kamm Estate, Prem. Contractor—A. M. Hardy, 736 Clementina. Architect—Not Given. \$1850

**ALTERATIONS**  
(939) 1259 19TH AVE. Alter dwelling.  
Owner—H. F. McMahon, c/o Contractor. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$1500

**DWELLING**  
(940) N. OCEAN AVE. 30 E OF WESTGATE DRIVE. One-story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement St. Contractor—E. A. Janssen, 1136 Clement St. Architect—Not Given. \$4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
588	Ball	Walker	2950
589	Ball	Walker	3090
590	Brown	Walker	5900
591	Dobbins	Walker	5000
592	West	Walker	5000
593	Brignole	Luoma	1900
594	Duncan	Owner	3500
595	Farris	Van Ness	3300
596	Heraty	Jensen	2300
597	Heraty	Jensen	2400
598	Reed	Owner	5200

599	Sou. Pac.	Owner	1000
600	Van Ness	Van Ness	2300
601	Vaughn	McClure	1000
602	Constine	Munson	3000
603	Lyng	Bernard	6812
604	O'Connor	Petersen	18000
605	Hirschfeld	Ungaretti	7500
606	Johnson	Owner	5000
607	Silverose	Owner	2300
608	Sperry	Presco	3200
609	Corlett	Nicholson	1000
610	Fisher	Johnson	4000
611	Fisher	Johnson	4500
612	Moran	Moran	3000
613	No. Calif.	Nelson	1000
614	Schmid	Geandrat	5500
615	Calisto	Prunett	3296
616	Fisher	Johnson	4000
617	Hoffman	Owner	3900
618	Skages	Owner	2000
619	Whitson	Van Ness	8500
820	Brasch	Owner	5000
821	Ellis	Stead	6000
822	Direnzo	Marietti	6500
823	Anderson	Owner	2200
824	Bertrand	Arnold	5500
825	Cabiale	Marconi	1400
826	Leeftang	Owner	3500
827	Rusting	Ohlsen	1200
828	White	Murphy	1500

**DWELLING**  
(588) 1003 GRIZZLY PEAK, BERKELEY. One-story 4-room frame dwelling and garage.  
Owner—Vernon Ball, 1010 Creston. Contractor—J. M. Walker, 401 Spruce. Architect—Not Given. \$3950

**DWELLING**  
(589) 1001 GRIZZLY PEAK, BERKELEY. One-story 4-room frame dwelling.  
Owner—Vernon Ball, 1010 Creston. Contractor—J. M. Walker, 401 Spruce. Architect—Not Given. \$3000

**WAREHOUSE**  
(590) 1046 ASHBY, BERKELEY. 1-story 1-room warehouse and factory.  
Owner & Builder—Braun Mattress & Chesterfield Mfg. Co., 3006 San Pablo. Architect—Not Given. \$5000

**ADDITIONS**  
(591) 1998 SAN ANTONIO, BERKELEY. Additions.  
Owner & Builder—L. T. Dobbins, Prem. Architect—Not Given. \$1000

**DWELLING**  
(592) 1009 CRESTON RD., BERKELEY. Two-story 6-room frame dwelling and garage.  
Owner—L. N. West, 2310 Corona St. Contractor—J. M. Walker, 401 Spruce. Architect—Not Given. \$5000

**DWELLINGS (2)**  
(593) 5718-5720 TELEGRAPH AVE., OAKLAND. One-story 3-room dwellings (2).  
Owner—A. Chiri and J. Brignole, 6012 Caning St. Contractor—E. J. Luoma, 2317 Brown-gate St., Berkeley. Two 1-sty. garages, \$75 each. Architect—Not Given. \$1900 each

**DWELLING**  
(594) 8855 DOWLING ST., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—L. V. Duncan, 1623 E. 33rd St. Architect—Not Given. \$3500

**DWELLING**  
(595) E. KUHNLE AVE., 72 S OF LEONA ST., OAKLAND. One-story 5-room dwelling.  
Owner—W. C. Farris, Prem. Contractor—L. P. Van Ness & Son, 4920 Park Blvd. Also 1-story garage, \$200. Architect—Not Given. \$3300

**DWELLING**  
(596) 6258 CROWN AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Phil Heraty, 488 Fairbanks Ave.  
Contractor—H. K. Jensen, 2757 Rawson St.  
Also 1-story garage, \$200.  
Architect—Not Given. \$2500

**DWELLING**  
(597) 6250 CROWN AVENUE, OAKLAND. One-story 4-room dwelling.  
Owner—Phil Heraty, 488 Fairbanks Ave.  
Contractor—Harry K. Jensen, 2757 Rawson St.  
Also 1-story garage, \$200.  
Architect—Not Given. \$2400

**DWELLING**  
(598) 2443 MONTICELLO AVENUE, OAKLAND. One-story 6-room dwelling.  
Owner & Builder—Eleanor E. Reed, 2843 60th Ave.  
Also 1-story garage, \$200.  
Architect—Not Given. \$5200

**ADDITION**  
(599) S. 41ST ST., 325 E OF MARKET ST., OAKLAND. Addition to warehouse.  
Owner & Builder—Southern Pacific Co., Oakland Pier.  
Architect—Not Given. \$1000

**DWELLING**  
(600) E. KUHNLE AVE., 350 N OF MOUNTAIN BLVD., OAKLAND. One-story 4-room dwelling.  
Owner—Elvin Van Ness, 4920 Park Blvd.  
Contractor—L. E. Van Ness & Son, 4929 Park Blvd.  
Also 1-story garage, \$200.  
Architect—Not Given. \$2900

**REPAIRS**  
(601) 1546 ALICE ST., OAKLAND. Repairs.  
Owner—J. R. Vaughn, Prem.  
Contractor—V. & J. S. McClure, 506 Ramona St., Albany.  
Architect—Not Given. \$1000

**SERVICE STATION**  
(602) 1900 SAN PABLO AVE., BERKELEY. One-story 1-room steel service station.  
Owner—Dr. Constine, 450 Sutter St., San Francisco.  
Contractor—J. Munson, 2419 15th St., Oakland.  
Architect—Not Given. \$3,000

**RESIDENCE**  
(603) 215 CARMEL AVE., PIEDMONT. Two-story 6-room residence and garage.  
Owner—George Lyng, 1950 Rosedale Ave., Oakland.  
Contractor—W. V. Bernard, 227 San Carlos Ave., El Cerrito.  
Architect—J. H. Anderson. \$6813

**RESIDENCE**  
(604) 48 WILDWOOD GARDENS, PIEDMONT. Two-story 7-room residence and garage.  
Owner—George O'Connor.  
Contractor—Olaf Petersen, 3626 Rhoda Ave., Oakland.  
Architect—Clarence Mayhew. \$18,000

**RESIDENCE**  
(605) 1539 MOUNTAIN BLVD., OAKLAND. Two-story 6-room residence.  
Owner—H. J. Hirschenfeld, 4308 Telegraph Ave., Oakland.  
Contractor—Chas Ungaretti & Son, 1727 Foothill Blvd., Oakland.  
Architect—Not Given. \$7,500

**RESIDENCE**  
(606) 3480 MOUNTAIN BLVD., OAKLAND. One-story 6-room residence.  
Owner and Builder—O. W. Johnson, 3721 Young Ave., Oakland.  
Architect—Not Given. \$5,000

**DWELLING**  
(607) 9304 SUNNYSIDE ST., OAKLAND. One-story 4-room dwelling.  
Owner and Builder—M. Silverose, 625 Foothill Blvd., Oakland.  
Architect—Not Given. \$2,300

**ALTERATIONS**  
(608) 821 E TENTH ST., OAKLAND. Alterations.  
Owner—Sperry Flour Co., Fourth and Berry Sts., San Francisco.  
Contractor—Oscar Presco & Sons, 250 Langton St., San Francisco.  
Architect—Not Given. \$3,200

**ALTERATION**  
(609) 2078 BROADWAY, OAKLAND. Alteration.  
Owner—Will G. Corlett, 1801 Bank of America Bldg.  
Contractor—D. W. Nicholson, 357 12th St.  
Architect—Will G. Corlett, 1801 Bank of Amer. Bldg. \$1000

**DWELLING**  
(610) 2333 DASHWOOD AVENUE, OAKLAND. One-story 6-room dwelling.  
Owner—G. R. Fisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 455 Oaks Blvd., San Leandro.  
Architect—Not Given. \$4000

**DWELLING**  
(611) 2339 DASHWOOD AVENUE, OAKLAND. One-story 6-room dwelling.  
Owner—C. R. Fisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 455 Oaks Blvd., San Leandro.  
Architect—Not Given. \$4500

**DWELLING**  
(612) 10827 BREED AVE., OAKLAND. One-story 5-room dwelling.  
Owner—Alfred D. Morlan, 216 Calif. St., San Leandro.  
Contractor—Elmer Morlan, 1768 Clemens Road.  
Architect—Not Given. \$3000

**CHURCH**  
(613) 2020 FRUITVALE AVENUE, OAKLAND. One-story church.  
Owner—No. Calif. Conf. of S. D. Ad. Prm.  
Contractor—Henry Nelson, 1039 Cherry Way, Hayward.  
Architect—Not Given. \$1000

**DWELLING**  
(614) 5850 MORPETH ST., OAKLAND. One-story 6-room dwelling.  
Owner—J. M. Schmid, 2830 Florida St.  
Contractor—A. J. Geandrat, 4011 Linwood Ave.  
Architect—Not Given. \$5500

**DWELLING**  
(615) 2242 96TH AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Mr. and Mrs. J. Callisto, 2246 96th Ave.  
Contractor—S. J. Prunett, 9239 Walnut St.  
Architect—Not Given. \$3298

**DWELLING**  
(616) 2343 DASHWOOD AVENUE, OAKLAND. One-story 6-room dwelling.  
Owner—C. R. Fisher, 6127 Foothill Blvd.

Contractor—Elmer Johnson, 455 Oaks Blvd.  
Architect—Not Given. \$4000

**DWELLING**  
(617) 8215 OUTLOOK AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—E. F. Hoffman, 8144 Foothill Blvd.  
Architect—Not Given. \$3900

**BRIDGE**  
(618) 241-287 WAYNE AVE., OAKLAND. Concrete bridge.  
Owner & Builder—M. B. Skagge, 4th and Jackson Sts.  
Architect—Frederick Soderberg, 341 17th St. \$2000

**APARTMENTS**  
(619) 1008 BAY VIEW AVE., OAKLAND. Two-story 9-room apts.  
Owner—R. P. Whitson, Prem.  
Contractor—G. B. Van Ness, 4331 Masterson St.  
Architect—Not Given. \$8500

**DWELLING**  
(820) 1428 LINCOLN, BERKELEY. One and one-half story 6-room frame dwelling and garage.  
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.  
Architect—Not Given. \$5000

**DWELLING**  
(821) 75 MENLO PL., BERKELEY. One-story 6-room frame dwelling and garage.  
Owner—W. D. Bills, 2208 Grove.  
Contractor—F. A. Stead, 3206 Boise.  
Architect—Not Given. \$6000

**RESIDENCE**  
(822) 926 CHANNING WAY, BERKELEY. One-story 7-room store and residence.  
Owner—Rocco Dirlenzo, Prem.  
Contractor—Chas. Marietti, 1201 Stannage.  
Architect—Not Given. \$6500

**DWELLING**  
(823) 2152 47th AVE., OAKLAND. One-story 4-room dwelling.  
Owner & Builder—S. Anderson, 2154 47th Ave.  
Architect—Not Given. \$2200

(824) 52 PALO SECO COURT, OAKLAND. One-story 5-room concrete dwelling.  
Owner—A. Bertrand, 568 Athol Ave.  
Contractor—Henry W. Arnold, 816 Oak St., Alameda.  
Architect—Not Given. \$5500

**ALTERATIONS**  
(825) 200-206 BROADWAY, OAKLAND. Alterations and repairs.  
Owner—L. Cabale, 2nd and Broadway.  
Contractor—C. A. Marconi, 442 Pacific Ave., Alameda.  
Architect—Not Given. \$1400

**DWELLING**  
(826) 3906 35TH AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—John J. Leeflang, 2408 Bartlett St.  
Also 1-story garage, \$350.  
Architect—Not Given. \$3900

**ADDITION**  
(827) 1424 105TH AVE., OAKLAND. Addition, dwelling.  
Owner—John Rusting, Prem.  
Contractor—Gus Ohlsen, 23152 South Garden Ave., Hayward.  
Architect—Not Given. \$1200

**ALTERATIONS**  
(828) 6465 REGENT ST., OAKLAND. Alterations and additions.  
Owner—Mrs. Geo. White, Prem.  
Contractor—W. J. Murphy, 1029 Pomona St., Berkeley.  
Architect—Not Given. \$1800



**BUILDING CONTRACTS  
SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.  
188 Schmidt Nelson 40500

**BOILER EQUIPMENT**

(186) W STERLING 145 N Bryant St. Boiler equipment for 8-story concrete printing plant. Owner—Schmidt Lithograph Co., Inc. Engineer—Jesse Rosenwald, 525 Market Street.

Contractor—James A. Nelson, Inc., 1375 Howard St.

Filed Sept. 30, '37. Dated, Sept. 10, '37

Payments not given.  
TOTAL COST, \$40,500  
Bond, \$40,500. Sureties, Pacific Indemnity Co. Limit, 175 days. Plans and specifications filed.

**BUILDING CONTRACTS  
ALAMEDA COUNTY**

No. Owner Contractor Amt.  
121 Signal Oil Nordstrom 7664  
122 Skagga Scott 9300  
123 Jackson Walker 10186  
124 P. T. & T. Underground Const.

**OFFICE BLDG.**

(121) NE COR. BLANDING AVE. and Oak St., Alameda. Office building.

Owner—Signal Oil Company. Architect—Not Given.

Contractor—David Nordstrom & Co. Filed and Dated, Sept. 29, 1937.

Completion ..... 75%  
30 days ..... 25%

TOTAL COST, \$7,664.00

Bond, \$3832. Sureties, Maryland Casualty Co. Limit, 60 days. Plans and specifications filed.

**PLUMBING, ETC.**

(122) 241-87 WAYNE AVE., Oakland. Plumbing and gas fitting installations.

Owner—M. B. Skaggs. Architect—F. Soderberg.

Contractor—The Scott Co., Oakland. Filed and Dated, .....

Pipes, rough plumbing and tube installed ..... \$4650  
Completion ..... 2325

Usual 35 days. TOTAL COST, \$9,300.00

Bond, \$9300. Sureties, Inland Bonding Co. Plans and Spec. filed.

**DWELLING**

(123) LOT 14 BLK 5, La Loma and Wheeler Tract, Oakland. Seven-room frame dwelling and double garage.

Owner—Joseph Henry and Charlotte Jackson.

Architect—Michael Goodman.

Contractor—J. M. Walker.

Filed, Oct. 2, '37. Dated, Sept. 28, '37.

Progress payments. TOTAL COST, \$10,186

Limit, 90 days.

**CONDUIT WORK**

(124) E. 38TH ST., OAKLAND. Underground conduit work.

Owner—Pacific Telephone & Telegraph Co.

Contractor—Underground Const. Co. Filed Oct. 6, '37. Dated Oct. 1, '37

Progress payments. Bond, \$2,689.38. Surety, Pacific Indemnity Co. Limit, 60 days. Plans and specifications filed.

**SAN FRANCISCO CO. PERMITS  
UNDER \$1000**

ALTER flats, \$150; 214 25th St.; owner, Frances Fuentes, Prem.

BRACING, \$485; 67-71 Fourth St.; owner, Central Bank of Oakland

Trustees, 11th and Broadway, Oakland; contractor, Mortenon Constr. Co., 19th and Indiana Sts.

GARAGE, private, \$250; 4213 26th St. (rear); owner, G. H. Combs, Prem.

ALTER flats, \$50; 1393 San Bruno Ave.; owner, Ad. Thiele, 2612 25th St.

ALTER garage, \$100; 49 Van Ness Ave. So.; owner, Ansel Schloss, Prem.; contractor, Standard Neon Mfg. Co., 1189 Turk St.

ALTER dwelling, \$100; 274 Chattanooga St.; owner, Schmidt Bros., 25 Virgil.

ALTER warehouse, \$500; 2400 San Ave.; owner, C. A. Blahnick, Prem.

ALTER dwelling, \$55; 580 Bosworth; owner, Fortunato Spadara, Prem.

ALTER dwelling, \$400; 643 Valley St.; owner, A. Goodmundson, Prem.

ALTER stairway, \$30; 150 Mason St.; owner, Fred J. Roberti, 174 Ellia St.

ALTER flats, \$150; 2129 Larkin St.; owner, Martin Lambrello, Prem.; contractor, G. Ferroni & Sons, 1964 Filbert St.

FLUE, \$20; 586 27th Ave.; owner, K. Pedersen, Prem.; contractor, Walters Furnace & Sheet Metal Co., 2230 Market St.

ALTER dwelling, \$10; 125 4th Ave.; owner, M. Wikman, 2591 California St.

ALTER dwelling, \$600; 417 Burnett Ave.; owner, L. J. Killam, Prem.

ALTER greenhouse, \$375; E. Sawyer, 113 S Visitation Ave.; owner, Aurelio Granara, 150 Britton St.

FLUE, \$30; 4555 9th St.; owner, Mr. Schmidt, Prem.; contractor, E. Sugarman, 3624 Geary St.

ALTER dwelling, \$200; 414 Hearst Ave.; owner, Antoni Mazzie, Prem.

BILLBOARD, \$7; NE Fifth and Shipley; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUE, \$100; 110 Alta St.; owner, Ann Moore Lewis, 296 Union St.; contractor, A. Strappiana, 478 Union St.

ALTER apartments, \$500; 236-67 Sutter St.; owner, F. W. Mosher, 105 Montgomery.

SIGN, electric, \$100; 550 Fifth St.; owner, Moore Electrical Supply Co., Prem.; contractor, Brunswick Elec. Sign Co., 965 Folsom St.

DWELLING, 1-story frame, \$450; E. Bayshore Blvd., 220 S Augusta St.; owner, Lars P. Christensen, 220 Charter Oak Road.

SIGN, electric, \$100; 521 Grant Ave.; owner, China Clipper, Prem.; contractor, Pacific Neon Mfg. Co., 2600 14th St.

SIGN, electric, \$250; 652 Market St.; owner, M. E. Newton, Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER flats, \$150; 921 Lincoln Way; owner, Carl Fromel, Prem.

ALTER apartments, \$75; 988 Capp St.; owner, E. A. Ricksecker, Prem.; contractor, John Hink, 1459 Van Ness Ave.

ALTER dwelling, \$500; 150 London St.; owner, A. Tassarò, 4459 Mission St.; contractor, A. De Benedetti & Son, 22 Cotter St.

ALTER dwelling, \$900; 924 Shotwell St.; owner, J. Clifford, Prem.

ROOF, \$100; 576 Mission St.; owner, American Trust Co., 464 California St.; contractor, Sunset Iron Works, 964 Harrison St.

SIGN, electric, \$50; 136 Eddy St.; owner, M. Safer, Prem.; contractor, Wonderlite Neon Prod. Co., 110 Otis St.

FIREWALL, \$200; 798 Larkin St.; owner, K. M. Clark, 1980 Washington St.; contractor, Patterson & Koster Iron Works, 280 13th St.

GARAGE, private frame, \$300; 450 Masonic (rear); owner, Max Stein, 1472 Golden Gate Ave.

ALTER shop, \$150; 505 Van Ness Ave.; owner, Thos. Denigan & Son, Pacific Bldg.; contractor, Wm. A. Rainey & Son, 323 Clementina St.

ALTER flats, \$45; 292 Clipper St.; owner, Dukich, 520 San Jose Ave.; contractor, Dependable Builders & Cabinet Works, 2901 23rd St.

ALTER meeting hall, \$900; 236 Van Ness Ave.; owner, S. T. Moore, 360 Pine St.; contractor, Kerr & Rakele, 666 Mission St.

BILLBOARD, \$200; 2183 Bayshore Blvd.; owner, Phoenix Advertising Co., 141 5th St.

ALTER store, \$100; 333 Clay Street; owner, O'Brien, Spatona & Mitchell, Prem.; contractor, Andrews Sheet Metal Works, 323 Washington St.

WALL, \$200; 83 Stevenson St.; owner, Mary L. Gilmartin, C/O contractor; contractor, A. L. Thulin, 63 Brady St.

SIGN, electric, \$120; 5705 Mission St.; owner, Crowley's Fountain, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, \$150; 33 Montgomery St.; owner, The Hunters Club, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BILLBOARD, \$7; NE Clement and 11th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

**ALAMEDA COUNTY PERMITS  
UNDER \$1000**

ALTERATIONS, \$100; 1228 Blake, Berkeley; owner, A. Mezzetta, Prem.; contractor, O. P. Reistrup, 3104 Ellis.

ALTERATIONS, \$160; 2220 Milvia, Berkeley; owner, Mrs. Moore, Prem.; contractor, C. McCarron, 5816 Chahod Rd., Oakland.

ALTERATIONS, \$240; 2538 Benvenue, Berkeley; owner, Mrs. Fortson, Prem.; contractor, Griffin and Wisley, 2911 Adeline.

ALTERATIONS, \$135; 1233 Blake, Berkeley; owner, Berta, 1331 Blake; contractor, C. E. Vincent, 2362 Courtland Ave., Oakland.

GARAGE, \$200; 2634 Piedmont, Berkeley; owner, Mrs. Isham, 56 Plaza Dr.; contractor, Wm. B. Graybill, 9529 Cherry St., Oakland.

SIGNS, metal (10), \$5 each; 5151 Broadway, Oakland; owner and contractor, Wendell H. Bernheim, Prem.

SIGN, electric, \$440; 523 11th St., Oakland; owner, Carlo Distifano, Prem.; contractor, Brumfield El. Sign Co., 995 Folsom Street, San Francisco.

SIGN, metal, \$30; 2420 Webster St., Oakland; owner, American Auto Metal Works, Prem.; contractor, J. F. Barnes, 5236 Claremont Ave.

SIGN, metal, \$25; 3125 San Pablo Ave., Oakland; owner, The Whitehall Co., Prem.; contractor, J. F. Barnes, 5236 Claremont Ave.

RESHINGLE dwelling, \$40; 1520 Wellington St., Oakland; owner and contractor, W. V. McBeth, Prem.

ALTERATIONS, \$150; 3728 Bruce St., Oakland; owner, A. D. Klump, Prem.; contractor, E. A. Stewart, 814 Erie St.

REPAIRS, \$350; 2151 17th Avenue, Oakland; owner, Agnes H. Stumph, 2133 48th Ave.; contractor, Harry H. Kruse, 462 105th Ave.

ALTERATIONS (office), \$20; 5146 Foothill Blvd., Oakland; owner and contractor, Barbara Columbet, San Jose.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Stalls, Stairs and Ladders              |
| 7.—Federal Buildings            | 17.—Theatres                                |
| 8.—Club Buildings               | 18.—Wharves & Decks                         |
| 9.—Hospitals                    | 19.—Misc. Const.                            |
| 10.—Hotels                      | 20.—Misc. Supplies & Etc.                   |

### 1—APARTMENTS

Plans Completed  
APARTMENTS Cost, \$5,000  
OAKLAND, Alameda Co., Cal. Boden Way.

Two-story frame and stucco apartment building (4 apts.)  
Owner—George H. Drysdale, 609 Beacon Way, Oakland.  
Architect—L. F. Hyde, 394 Jayne Ave. Oakland.  
Owner will take segregated bida.

Plans Being Figured  
APARTMENTS Est. Cost, \$175,000  
SAN FRANCISCO. SW Pierce and Sacramento Sts.

Seven-story Class B apartment house (2, 3 and 4-room apts.), steel frame with junior beams, concrete slab construction, metal bath, channel partitions.  
Owner—Robert Realty Co., c/o Architect.  
Architect—H. C. Baumann, 251 Kearny St.

Plans are now being figured by a selected list of contractors.

Sub Contracts Awarded  
APARTMENTS Cost, \$40,000  
SAN FRANCISCO. NE 27th Ave. and Fulton St.

Three-story frame and stucco apartment building.  
Owner—Jos. Schultz, 123 Third St.  
Architect—R. R. Irvine, 2048 Market St.

Engineer—Norman Green, 55 New Montgomery St.  
Contractor—M. J. King, 231 Franklin St.

Roofing—Cantley Roofing Co., 666 Mission St.  
Plumbing—Anderson & Rowe, 45 Belcher St.  
Electric Wiring—E. J. Doherty Co., 1735 Church St.

Heating—A. G. Atwood, 3623 18th St.  
Sheet Metal—Colan Heating & Sheet Metal Co., 1060 Folsom St.  
Tile Work—The American Art Tile Co., 231 Franklin St.  
Lumber—Smith Lumber Co., 4th and Channel Sts.

Painting—E. Andresen, 231 Franklin St.

Contract Awarded  
ALTERATIONS Cost, \$ .....  
SAN FRANCISCO. Alta Street.  
Alterations to apartment building (interior and exterior).

Owner—F. McNear, Jr.  
Architect—Angus McSweeney, 604 Mission St.  
Contractor—G. P. W. Jensen & Sons, 320 Market St.

Contract Awarded  
APARTMENTS Cost, \$5500  
OAKLAND, Alameda Co., Cal. 1008 Bay View Ave.

Two-story frame apartment building (9 rooms).

Owner—R. P. Whitson.  
Architect—Not Given.  
Contractor—G. E. Van Ness, 4331 Masterson St., Oakland.

### 3—CHURCHES

Contract Awarded  
ALTERATIONS & ADDITIONS Cost, \$11,000

PALO ALTO, Santa Clara Co., Calif. All Saints Church.  
Alterations and additions; extension of chancel and vestries, new aisle and general alterations.

Owner—All Saints Church.  
Architect—C. K. Sumner, Deckerock Bldg., Palo Alto.

Contractor—E. J. Schmalleg, 863 Melville Ave., Palo Alto.

CONTRACT AWARDED  
LONG BEACH, Cal.—Duff & Vandenhoven Co., 733 W. 14th Street, Long Beach, awarded contract at \$57,664 for a church building to be built at the SE. cor. of 5th and Atlantic Ave., Long Beach, for United Presbyterian Church. D. E. Herrald, architect, First National Bank Bldg., 115 Pine Ave., Long Beach.

CONTRACT AWARDED  
RIVERSIDE CO., Calif.—Pinkerton & Jameson, 118 E. 6th St., Corona, awarded contract for construction of a Class C church building at Main and Eighth Sts., Corona, for the First Baptist Church. Douglas McClellan, architect, 807 Architects' Bldg., Los Angeles.

PREPARING PLANS  
PHOENIX, Ariz.—Architects Alexander & Burton, 918 Title and Trust Bldg., Phoenix, are preparing plans for a new church, containing chapel to seat 350 and social hall with a capacity of 1150, to be built on Ashland Ave. between Central Ave. and 3rd St., Phoenix, for Church of Jesus Christ of Latter Day Saints, David Stohl, bishop. Bids will be called within the next two weeks. Estimated cost, \$75,000.

### 4—FACTORIES & WAREHOUSES

Contract Awarded  
WAREHOUSE Cost, \$5,000  
SAN FRANCISCO. NW Harrison and 16th Streets.

One-story mill construction warehouse.  
Owner—Thos. A. Driscoll, 800 Francisco St.

Architect—Not Given.  
Contractor—James H. Hjul, 128 Russ St.

Contract Awarded  
EQUIPMENT Cont. Pr., \$40,500  
SAN FRANCISCO. Sterling St., near Bryant St.

Boiler room equipment.  
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.  
Consulting Engineer—Jesse Rosenthal, 525 Market St.

Contract Awarded—James A. Nelson, Inc., 1375 Howard St.

Preparing Plans  
ALTERATIONS Cost, \$15,000  
FRESNO, Fresno Co., Calif. 539 "G" Street.

Alterations and additions to factory (masonry const., roof trusses).  
Owner—Kerr Rug Factory, 539 "G" St., Fresno.

Architect—David H. Horn, Rowell Bldg., Fresno.

Sub Contracts Awarded  
WAREHOUSE AND DRUM BLDG. MARTINEZ, Contra Costa Co., Calif. Warehouse and drum building at Avon Refinery.

Owner—Associated Oil Company.  
Plans by Eng. Dept. of Owner.  
Contractor—Dixwiddle Construction Co., 210 Crocker Bldg., San Francisco.

Structural Steel—Independent, 821 Pine St., Oakland.  
Reinforcing Steel—Gunn-Carle, 20 Potrero Ave., San Francisco.

Asbestos Roofing—Western Asbestos Co., 675 Townsend St., San Francisco.

Plumbing—Scott Co., Inc., 243 Minna St., San Francisco.

CONTRACT AWARDED  
LOS ANGELES, Calif.—Ford J. Twaits Co., 816 W. 5th St., will build a reinforced brick warehouse (50 x 300 ft.) at 1400-42 E. 4th St. for Union Pacific Railway, 610 S. Main St. Murray Erick, engineer, 811 W. 7th St. Cost, \$45,000.

To Be Done By Day's Work  
WAREHOUSE Cost, \$5,500  
BERKELEY, Alameda Co., Cal. 1046 Ashby Road.

One-story warehouse and factory.  
Owner and Builder—Braun Mattress and Chesterfield Mfg. Co., 3006 San Pablo Ave., Berkeley.  
Architect—Not Given.

Contract Awarded  
WAREHOUSE Cost, \$80,000  
SPOKANE, Wash. West Monroe St., N. of Madden St.

Warehouse in railroad yard.  
Owner—Union Pacific R.R. Co.  
Plans by Eng. Dept. of Owner.  
Contractor—Morrison-Knudsen Co., P.O. Box 1518, Boise, Idaho.  
Grading is underway.

Contract Awarded  
IMPLEMENT BUILDING Cont. Pr., \$21,835  
RIO VISTA, Solano Co., Calif.

One-story frame and stucco implement building.  
Owner—Gordon Hansen Co., Ltd., Rio Vista.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.  
Contractor—V. A. Kaufenberg, Box 12, Rio Vista, Cal.

Complete bids follow:  
V. A. Kaufenberg, Rio Vista.....\$21,835  
Adam Arras & Sons, S. F.....22,554  
H. W. Robertson, Sacto.....23,806  
Felix E. Welch, S. F.....23,933  
H. H. Henning, Stockton.....24,477  
H. H. Larsen, S. F.....24,723

General contract does not include plumbing, sheet metal or glass.

BID OPENING DATE POSTPONED  
MONTALVO, Ventura Co., Calif.—Architects Boy C. Wilson and Geoffrey N. Lawford, Say Road, Santa Paula, report that the date for opening bids for the Saticoy Lemon Assn. addition, Montalvo, has been postponed from Oct. 7 to Oct. 12.

**Sub-Contracts Awarded**  
**FACTORY** Cost, \$4,000  
**BERKELEY**, Alameda Co., Calif. 700 Delaware Street.

One-story factory building.  
 Owner and Builder—H. E. Ballard,  
 1206 Milvia St., Berkeley.

Architect—Not Given.  
**Structural Steel, Sheet Metal & Glass**  
 —Herrick Iron Wks, 1734 Campbell St., Oakland.

**Foundations**—Ensor Buel, 5340 Grove St., Oakland.

#### TO ASK BIDS SHORTLY

**LONG BEACH**, Los Angeles Co., Calif.—J. H. Davies, structural engineer, Ocean Center Bldg., Long Beach, will take bids within a few days for structural steel for a 6-story addition to the oil processing building at 1607 W. 7th St., Long Beach, for Proctor & Gamble Mfg. Co. Plans for remainder of superstructure work for this addition and for a 6-story reinforced concrete addition to the fish products building will be ready for bids the latter part of this month. Substructure work for the two additions will be handled by Ford J. Twalls Co. and Southern California Roads Co.

### 6—GARAGES & SERVICE STATIONS

#### PREPARING PLANS

**PHOENIX**, Ariz.—Architect H. H. Green, Professional Bldg., Phoenix, is preparing plans for a 1-story and basement brick garage building (135 x 200 ft.) to be built at northwest corner of 1st and Van Buren Streets, Phoenix, for Ford Motor Car Co., licensee. Cost, \$50,000.

### 7—FEDERAL BUILDINGS

#### BIDS WANTED

**OAHU**, T. H.—Until Nov. 17, 11:00 a.m., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8531, for the construction of an electric generating plant, including gasoline engine driven generator sets, switchboard, gasoline and water tanks and shelter for equipment, at the Alea Naval Reservation, Oahu, T. H. Estimated cost, \$84,000.

Plans and specifications may be obtained at the above office or from the Commandant, 14th Naval District, Navy Yard, Pearl Harbor, T. H., or the Commandant, 12th Naval District, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. \*

#### CONTRACT AWARDED

**HOLLISTER**, San Benito Co., Cal.—Ladd Hardware Co., Hollister, at \$1,24 awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for a lawn sprinkler system at the U. S. P. O. at Hollister.

#### Bids Rejected

**POST OFFICE** Cost, \$  
**AUBURN**, Placer Co., Calif.  
 United States Post Office Bldg.  
 Owner—United States Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Washington, D. C.  
 L. F. Dow, 1243 25th Street, Santa Monica, at \$56,543 submitted low bid.  
 Drawings and specifications will be revised and re-advertised at a later date.

#### CONTRACT AWARDED

**EL MONTE**, Los Angeles Co., Cal.—H. J. McKinley, 9305 Warton Way, Beverly Hills, at \$1,450 awarded by

contract by Procurement Division, Washington, D. C., for interior painting and repairs at the U. S. P. O. at El Monte.

#### CONTRACT AWARDED

**SALINAS**, Monterey Co., Calif.—Scott Co., Inc., 243 Minna St., San Francisco, at \$2,115 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for installation of lawn sprinkler system at the U. S. P. O. at Salinas.

#### Contract Awarded

**SACRAMENTO** QTRS., ETC.  
 Contract Price, \$369,776  
**SACRAMENTO** CO. Cal. Army Air Depot near North Sacramento.  
 Eight double non-commissioned officers quarters (est. cost, \$120,000) Spec. No. 387-E; four double company officers' quarters, including one alternate type "B" quarters (est. cost, \$85,000) Spec. No. 390-E; one bachelor officers quarters and officers mess (est. cost, \$130,000) Spec. No. 391-E; all of reinf. concrete construction.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster, P. O. Box 1646, Sacramento).

Plans prepared by the Office of the Quartermaster General, Washington, D. C. Complete bids published Sept. 22.

Contractor—Eaton and Smith, 715 Ocean Ave., San Francisco.

#### CONTRACT AWARDED

**ROSEBURG**, Ore.—Northwestern Tile & Marble Co., 3830 NE Halsey St., Portland, at \$9,624, awarded contract by the Veterans' Administration, Arlington Bldg., Washington, D. C., for tile and marble work for building one and two at the Veterans' Facility, Roseburg.

#### Contract Awarded

**POST OFFICE** Cont. Pr., \$59,530  
**SHELTON**, Mason Co., Wash.  
 United States Post Office.  
 Owner—U. S. Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Contractor—A. F. Mowat, 1331 Third Ave., Seattle. Complete bids published Sept. 24.

#### Bid Call Cancelled

**BARRACKS BUILDING**  
 Est. Cost, \$129,854.40

**HICKMAN FIELD**, T. H.  
 Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster, Hickam Field).

Plans prepared by the Office of the Quartermaster General, Construction Division, Washington, D. C.  
 Bids will be opened at 39 Whitehall St., New York City.

#### LOW BIDDER

**SAN DIEGO**, Cal.—F. E. Young, 4476 Granger St., San Diego, submitted low bid to the 11th Naval District at \$9090, for construction of a connecting passage at the Naval Hospital in San Diego; Spec. 8539.

#### BIDS WANTED

**SAN DIEGO**, Calif.—Until Oct. 19, 11 A. M., bids will be received by the 11th Naval District, foot of Broadway, San Diego, for door, window and transom screens for South Ward Building at the Naval Hospital, San Diego, under Spec. No. 8546.

Work includes the furnishing and installing of exterior screens for the building complete and consists in general of (a) screen doors for 11 exterior door openings; (b) window screens for 282 double hung and casement window openings; (c)

screens for 115 movable transom openings; and (d) hardware as required for installation of the screens.

Bidding data obtainable from the Public Works Officer, Headquarters, 14th Naval District, foot of Broadway, San Diego, under deposit of check or postal money order payable to the Chief of the Bureau of Yards and Docks.

### 8—CLUB BUILDINGS

#### To Be Done By Day's Work.

**ALTER CLUB** Cost, \$5,000  
**SAN FRANCISCO**, S Turk St. 137 west of Taylor St.  
 Alter club.  
 Owner and Builder—Vincent O'Donnell, 1820 Mills Tower.  
 Architect—A. O. Johnson, 450 Powell Street.

#### Completed Working Drawings

**CLUB HOUSE** Est. Cost, \$10,000  
**SANTA CRUZ**, Calif., Mission St.  
 Club house containing auditorium, stage, lounge, kitchen, storage space, etc.  
 Owner—Santa Cruz Woman's Club (Mrs. Geo. P. Butler, Chairman).  
 Architect—C. J. Ryland, Carmel and Monterey.

Original plans were revised and re-accepted by the owners.

### 9—HOSPITALS

#### SITE SELECTED

**SANTA MONICA**, Los Angeles Co., Cal.—Mother Superior of the Little Company of Mary (Blue Nuns), Chicago, has authorized the purchase of property on Princeton St. near Wilshire Blvd., Santa Monica, as the site for a new Class A hospital to cost approximately \$350,000. An architect has not yet been retained. Dr. Louis E. Mahoney, 710 Wilshire Blvd., Santa Monica, is chairman of a committee in charge of the project.

#### Contract Awarded

**HOSPITAL ADDITION** Cost, \$36,600  
**HOLLISTER**, San Benito Co., Calif.  
 Hazel Hawkins Hospital.  
 Remodel hospital and add one-story frame and concrete wing.  
 Owner—Hazel Hawkins Hospital (Judge M. T. Dooling, Chairman of Board).  
 Architect—Blinder & Curtis, 25 West San Carlos St., San Jose.  
 Contractor—Lyman G. Young, R.F.D. Hollister.

#### LOW BIDDER

**SANTA BARBARA**, Calif.—Eric Smith, 10 E. Soia, Santa Barbara, submitted low bid to Santa Barbara county supervisors at \$34,658, for alterations and additions to employees' quarters at Santa Barbara county hospital. Bids held under advisement. Henry W. Howell, architect, 157 Cheltenham Road, Santa Barbara.

#### PLANS PREPARED

**EAST PASADENA**, Los Angeles Co., Calif.—Architect Russell Ray, 170 E. California St., Pasadena, has prepared plans for a 1-story, 50-room hospital building (192 x 197 ft.) to be built on Sierra Madre Blvd., near Paloma Ave. East Pasadena District, for Doctors Hospital. Estimated cost, \$66,000.

### 10—HOTELS

#### Sub-Contracts Awarded

**MOTEL** Cost, \$22,000  
**STOCKTON**, San Joaquin Co., Calif.  
 1609 North Wilson Way.  
 One-story frame and stucco motel.  
 Owner—W. R. Coomes

## Architect—Not Given.

Contractor—T. E. Williamson, P. O. Box 93, Stockton.

Roofing and Lumber—Sao Joaquin Lumber Co., P. O. Box 71.

Plumbing &amp; Sheet Metal—Ed Lyons. Air-Conditioning and Heating—Fraser Furnace Co., Inc., 445 S San Joaquin Street.

Foundations and Concrete—Elliott &amp; Rossi, 312 S Yosemite St. All of Stockton. 10

## 11—ICE AND COLD STORAGE PLANTS

## PREPARING PLANS

ESCONDIDO, San Diego Co., Cal.—Gay Engr. Corp., 2730 E 11th St., Los Angeles, is preparing plans for a new 3-story reinf. conc. pre-cooler and ice manufacturing plant to be built in Escondido by the Escondido Orange Assn. Cost of the improvement will total \$180,000. It has not yet been determined who will erect the plant. 11

## 12—POWER PLANTS

## Sub Contracts Awarded

TELEPHONE BUILDING Cost, \$198,000 STOCKTON, San Joaquin Co., Calif. SW Cor. San Joaquin and Lindsay Streets.

General construction of three-story and basement Class A telephone exchange building (96 x 88 ft.), concrete and brick roof, plastering, plumbing, lighting and heating.

Owner—P. T. & T. Co. (H. C. Britton, District Manager). Plans by Engr. Dept. of Owner. Contractor—Monson Bros., 475 Sixth St., San Francisco.

Architectural Terra Cotta—N. Clark & Sons, 116 Natoma St.

Heating & Ventilating—O'Mara and Stewart, Ltd., 218 Clara St.

Electric Work—Spencer Electric Co., 2059 Webster St., Oakland.

Reinforcing Steel—Gunn-Carle & Co., 20 Potrero Ave.

Metal Doors and Windows and Sheet Metal—Fire Protection Products Co., 1101 16th St.

Misc. and Ornamental Iron—Industrial Ornamental Iron Works, 552 Noe St.

Plumbing—Gibson & Ray, Stockton. Glass and Glazing—W. P. Fuller & Co., 301 Mission St.

Marble—Ray Cook Marble Co., 1535 Powell St., Emeryville.

Terrazzo—Valley Terrazzo & Mosaic Co., 4115 Berkshire Ave., Sacramento.

Granite—Madera Quarries, Madera. Linoleum & Rubber Tile—Malott & Peterson, 2412 Harrison St.

Mill Work—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.

Masonry—Reed & Reed, 1131 Hearst Bldg.

Lathing & Plastering—MacGruer & Co., 266 Tehama St.

Finish Hardware—Turner Hardware & Implement Co., P. O. Box 1050, Stockton.

All at San Francisco, unless otherwise noted.

## 13—PUBLIC BUILDINGS FIRE HOUSES &amp; JAILS

## BIDS WANTED

SAN FRANCISCO—Until Oct. 13, 1:45 p. m., informal bids will be received by the Department of Public Works Room 252, City Hall, for furnishing and installing 85% magnesium pipe covering on feed lines, and

ork insulation on brine pump, at engine room, Hall of Justice, Kearny and Washington Sts.

Specifications obtainable from the office of Supt. of Buildings, R. A. Chisholm, 484 11th St.

## BIDS OPENED

SAN FRANCISCO.—Malott & Peterson, 2412 Harrison St., at \$396 submitted low bid to the Department of Public Works, City Hall, for roofing circular deck of City Hall Dome.

Complete bids follow:  
Malott & Peterson.....\$396.00  
Bender Roof & Paving Co.....444.00  
Alta Roofing Co.....689.00  
Empire Roofing Co.....786.00

## Plans Completed

ADDITION Cost, \$10,000  
PACIFIC GROVE, Monterey County. Addition of new wing to the city library building (lecture rm., stock room, children's rooms, etc.).

Owner—City of Pacific Grove (Erwin Dames, City Manager).

Architect—C. J. Ryland, Carmel and Monterey.

Bids will be asked shortly.

## BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—Until Oct. 18, 11 A. M., bids will be received by the Kern County Supervisors (F. E. Smith, Clerk) for a station to be built at the Kern general hospital, Bakersfield. Plans obtainable from Architects Symmes & Willard, 215 Haberfelde Building, Bakersfield, upon deposit of \$10.00.

## BID CALL RESCINDED

ALAMEDA, Calif.—The Alameda County Board of Supervisors rescinded a call for bids for alterations and repairs to the Alameda County Detention Home at 18th and Poplar Sts., Oakland, scheduled to be opened October 19, 10 a. m.

Work will probably be re-advertised later.

## COMMISSIONED TO PREPARE PLANS

BAKERSFIELD, Kern Co., Calif.—Symmes & Willard; Stanton Willard architect, 215 Haberfelde Building, Bakersfield, have been commissioned by the Kern County Supervisors to prepare plans and specifications for a building to house dining rooms and storage rooms to be built at Kern General Hospital; also for incinerators to be built at the hospital and at Stony Brook Retreat.

## Low Bidder

## ARCHITECTURAL FEATURES

Cost, \$.....  
YERBA BUENA SHOALS. Site of the 1939 World's Fair. Architectural features of the Main Courts of the Palace Group; Contract No. 113.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Plans by San Francisco Bay Architectural Commission, 585 Bush Street.

Low Bidder—Guy F. Atkinson Co., 658 Russ Bldg.—\$176,790.

## Architect Commissioned to Prepare Plans

FIREHOUSE Cost, \$.....  
ASHLAND TOWNSHIP, Alameda Co., Calif., near Hayward.

Frame firehouse. Owner—County of Alameda.

Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.

## Completing Plans

H&M QUARTERS Est. Cost, \$11,500  
MILPITAS, Santa Clara Co., Calif. One-story building to house the help

at the county almshouse; concrete walls, frame interior, tile roof.

Owner—County of Santa Clara. Architect—Edward W. Kree, 402 1st National Bank Bldg., San Jose. Bids will be asked in about two weeks.

## Bids Wanted—To Close October 26, 10 A. M.

ALTERATIONS Est. Cost, \$2,000  
OAKLAND, Alameda Co., Calif. 18th and Poplar Sts.

Alterations and repairs to the Alameda County Detention Home. Owner—County of Alameda. Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Plans and specifications obtainable at the office of the Board of Supervisors, Court House, 12th and Fallon Streets, Oakland, upon deposit of \$25.

## BIDS OPENED

SAN BERNARDINO CO., Calif.—V. L. and W. B. Jacobson, 3338 Madera Ave., Los Angeles, submitted low bid to the State Highway Engineer, San Bernardino, for construction of maintenance station buildings at Lakeview Point, San Bernardino county. The bids, which were V. L. and W. B. Jacobson, (1) foreman's cottage, \$6981; (2) workman's cottage, \$29,000 extra excavation, \$3; (4) extra concrete, \$18.

Fred Walsh, (1) \$6300; (2) \$3200; (3) \$2; (4) \$27.  
Geo. Herz & Co., (1) \$6977; (2) \$3,893; (3) \$1,70; (4) \$20.

## BIDS OPENED

RIVERSIDE AND SAN BERNARDINO COS., Calif.—E. J. Martell, Palm Springs, submitted low bid to State Highway Engineer, San Bernardino, for (1) maintenance station buildings at Palm Springs and (2) buildings at Camp Angeles. The bids, which were held under advisement, were:

E. J. Martell—(1) \$5600; (2) \$5850; (3) extra excav., no bid; (4) extra concr., no bid.

V. L. and W. B. Jacobson—(1) \$5892; (2) \$5709; (3) \$250; (4) \$18.

Andrew Archibald—(1) \$6574; (2) \$6494; (3) \$150; (4) \$13.

Fred Walsh—(1) \$6608; (2) \$6590; (3) \$2; (4) \$27.

George Herz & Co.—(1) \$6977; (2) \$6977; (3) \$1,70; (4) \$20.

## Bids Opened

## ALTERATIONS

NAPA, Napa Co., Calif. Cost, \$.....  
Alterations to the Hall of Records. (new partitions, renewing floors, complete new heating plant, window alterations, steel sash.)

Owner—County of Napa. Plans by C. Leroy Hunt, 989 Second Street, Napa.

Low Bidder—Henry J. Vienop, 2400 Oak St., Napa, \$10,658.32.

Separate bids were received for general alterations and heating.

Complete bids follow:

General Alterations  
Henry J. Vienop, Napa.....\$10,658.32  
Coffield & Armitz, Napa.....10,865.00  
E. W. Doughty, Napa.....11,765.00

Heating  
Graham & Hall, Pearl & Randolph Sts., Napa.....\$4,093.00  
Pacific Heating & Ventilating Co., Oakland.....4,670.00

F. H. Swarz Hardware Co., Napa.....4,695.94  
Contracts will probably be awarded within a day or two.

## LOW BIDDER

TEHAMA CO., Cal.—Lislon Elborn, 926 Jackson Street, Red Bluff, at \$8,500, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for

he construction of a maintenance station at Lost Creek, Tehama Co., Calif.

**PREPARING SKETCHES**

**SAN DIEGO, Calif.**—Architect John S. Siebert, 311 Granger Bldg., San Diego, has prepared preliminary sketches for a 2-story and basement memorial building to be built at Ocean Beach for Clyde A. Wright Post No. 433, American Legion. Estimated cost, \$35,000.

**14—RESIDENCES**

**CONTRACT AWARDED**

**SAN DIEGO COUNTY, Cal.**—Walter Trepte, 631 9th Ave., San Diego, will build a two-story, 20-room, 8-inch frame and plaster residence at Corte Madera, near San Diego, for Frank G. Belcher III; Richard S. Requa, architect, 375 Spreckels Bldg., San Diego.

**CONTRACT AWARDED**

**FLINTBRIDGE, Cal.**—S. J. Wilson, 417 W 55th St., Los Angeles, will build a 2-story 6-room frame and stucco residence at 4455 Commonwealth Ave., Flintbridge, for Edward J. Neron, Board of Public Works, Sacramento. W. E. Manhart, architect, Sacramento.

**Contract Awarded**

**RESIDENCE** Cost, \$7,000  
**SAN MATEO, San Mateo Co., Calif.**  
Bik 16 Lot 7, Sonora Drive.  
Two-story frame residence.  
Owner—H. Taylor, c/o contractor.  
Architect—Not Given.  
Contractor—Leadley & Leadley, 207 Second Ave., San Mateo

**Completing Plans**

**RESIDENCE** Cost, \$16,000  
**SAN FRANCISCO.** Scott Street near Broadway.

Two - story frame and stucco residence (9 rooms, 5 baths) hardwood floors, tile bath, composition shingle roof, wood sash, etc.  
Owner—Ralph Levee.  
Mgr. of Const. Cyril Doane, 49 Rico Way.

Plans are being completed and will be sent out for figures October 15. Bids will be opened not later than October 22.

**Preparing Preliminary Plans**

**RESIDENCE** Cost, \$5,000  
**MORAGA ESTATES, Contra Costa Co., Calif.**

One - story frame Monterey Colonial residence (4 rooms), hardwood floors, tile bath, shake roof, double detached garage.  
Owner—Mrs. Leslie.  
Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.  
Upon completion of plans, owner will probably take general bids.

**Bids Returned Unopened**

**RESIDENCE** Cost, \$12,000  
**WOODLAND, Yolo Co., Calif.**  
One - story frame and stucco residence (8 rooms, 2 baths), shingle roof, gas furnace, hardwood floors, tile baths, etc.  
Owner—Dr. Edwin K. Copeland, 405 1st St., Woodland.  
Architect—Dragon & Schmidta, 2068 Allston Way, Berkeley.

Bids were returned unopened pending decision of owner.

**Bids In—Held Under Adjudgment**

**RESIDENCE** Cost, \$6,500  
**WOODLAND, Yolo Co., Calif.**  
One - story frame and rustic residence (five rooms), shingle roof, gas furnace, tile bath, hardwood floors, etc.  
Owner—J. M. Vickery, 602 Main St., Woodland.

Architect—Dragon & Schmidta, 2068 Allston Way, Berkeley.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$3,500 each  
**SAN FRANCISCO.** W. 21st Ave. 25, 50, 75, 100, 125 ft. S. of Ortega, and SW Cor 21st and Ortega Sts.  
Six one-story and basement frame residences.  
Owner & Builder—R. F. Gall, 377 W. Portal Ave.  
Architect—E. H. Denke, 1317 Hyde St.

**Completing Working Drawings**

**RESIDENCE** Est. Cost, \$5,000  
**SANTA ROSA, Sonoma Co., Calif.**  
Fair Oaks Avenue.  
One - story frame and wood siding residence (hardwood floors, linoleum baths).  
Owner—Mrs. Fred Howe, c/o architect.  
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

**Plans Being Figured**

**RESIDENCE** Est. Cost, \$8,000  
**SACRAMENTO, Calif.** Colgate Tr.  
Two - story frame and brick veneer residence (7 rooms, 2 baths); two-car garage.  
Owner—John Grotsch.  
Architect—Chas. F. Dean, California State Life Bldg.  
Plans are being figured by a selected list of contractors.

**Preparing Plans**

**REMODEL RESIDENCE** Cost, \$...  
**MENLO PARK, San Mateo Co., Calif.**  
Remodel residence.  
Owner—Withheld.  
Architect—Mario Corbett, 72 Third Ave., San Mateo.

**Preparing Plans**

**RESIDENCE** Est. Cost, \$4,500  
**SANTO CRUZ CO., near Siquel, Monterey Bay Golf and Country Club.**  
One - story frame and stucco residence.  
Owner—Withheld.  
Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.

**Plans Completed**

**RESIDENCE** Cost, \$...  
**STOCKTON, San Joaquin Co., Calif.**  
One - story rustic farmhouse, shake roof, gas floor furnaces, tile bath.  
Owner—D. D. Dickey, 1835 Lexington Ave., Sacramento.  
Architect—Mario Corbett, 72 Third Ave., San Mateo.  
Owner will take bids.

**To Be Done By Day's Work**

**RESIDENCES** Cost, \$6,000 ea.  
**SAN FRANCISCO.** W. Chabot Terr., 165 and 190 ft. S. of Turk St.  
Two 2 - story and basement frame residences.  
Owner & Builder—Olliver M. Rousseau, 321 Kearny St.  
Architect—Not Given

**Sub-Contracts Awarded**

**COTTAGE** Cost, \$7,100  
**PASATIEMPO, Santa Cruz Co., Cal.**  
One - story guest cottage (15 rooms) early California style; (first of a group of six cottages).  
Owner—Pasatiempo Club.  
Architect—John E. Pennacy, Financial Center Bldg., Oakland.  
Contractor—Darrow Palmer, 254 Franciscote Ave., Santa Cruz.  
**Plumbing and Sheet Metal**—Izant & Wilson, 30 Water Street.  
**Electric Wiring**—Irvine M. Smith, 9 Cayuga Street.  
**Lumber**—Hebbron Lumber Co., 491 Pacific Ave.  
**Painting**—Paul Parsons, 18 Kennan.  
**Lathing and Plastering**—Smith & O'Brien.  
All of Santa Cruz

**BIDS OPENED**

**TUOLUMNE CO., Calif.**—L. Ubels, Box 181, Epon, at \$15,250, submitted low bid to the Public Utilities Commission, City Hall, for the construction of a cottage at O'Shaughnessy Dam, Tuolumne County.  
Only other bid submitted by S. C. Giles, Stockton, at \$16,345.  
Cottage will be of wood frame construction, wood interior, shingle roof, all supported on stone masonry and concrete foundations; masonry pilasters and stone masonry fireplace.

**Sub-Contracts Awarded**

**ALTERATIONS** Cost, \$5,000  
**MILL VALLEY, Marin Co., Cal.** 511 Lovell Avenue.  
Alterations and additions to residence.  
Owner—E. W. Bullard, Mill Valley.  
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.  
Contractor—Melvin H. Kleyse, 25 Eugene St., Mill Valley.  
**Plumbing**—John L. Blylee, 401 East Blythevale Ave.  
**Electric Wiring**—H. & H. Electric Co. 156 Throckmorton Ave.  
**Lumber**—Mill Valley Lumber Co., 129 Miller Avenue.  
All of Mill Valley.

**Sub-Contracts Awarded**

**RESIDENCE** Cost, \$8,000  
**MENLO OAKS, San Mateo Co., Cal.** Bay Road.  
One - story frame and stucco residence.  
Owner—John D. Kirby.  
Architect—Not Given.  
Contractor—Morrison W. Reese, 1210 Minnesota Ave., San Jose.  
**Plumbing**—C. W. Down, 465 N. 8th St., San Jose.  
**Tile Work**—C. Frost, 3159 El Camino Real, Palo Alto.  
**Lumber**—McElrod Lumber Co., Vista Ave. and El Camino Real, Palo Alto.  
**Mill Work**—S. H. Chase Lumber Co., 547 W Santa Clara Ave., San Jose

**Contract Awarded**

**RESIDENCE** Cost, \$6,000  
**OAKLAND, Alameda Co., Calif.** 5550 Marpheth St.  
One - story frame residence (6 rooms).  
Owner—J. M. Schmid, 2930 Florida St.  
Architect—Not Given.  
Contractor—A. J. Geandrat, 4011 Linwood Ave.

**Contract Awarded**

**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO.** N. Gilman, 425 ft. W Jennings St.  
One - story frame and stucco residence.  
Owner—Alessandro Barsocchini, 1060 Egbert St.  
Architect—Not Given.  
Contractor—Faggioli and Barsocchini, 1567 Revere Ave.

**Plans Completed**

**RESIDENCE** Est. Cost, \$5,000  
**SANTA ROSA, Sonoma Co., Calif.** Fair Oaks Ave.  
One - story frame and wood siding residence, hardwood floors, linoleum baths.  
Owner—Dan Howe, c/o Architect.  
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa

**Bids In—Held Under Adjudgment**

**RESIDENCE** Cost, \$...  
**HILLSBOROUGH, San Mateo Co.**  
Two - story frame and wood siding residence (8 rooms and 3 baths), shingle roof.  
Owner—Alfred Hendrickson, c/o Architect.  
Architect—G. A. Dailley, 210 Post St., San Francisco.  
Announcement shortly

**Contract Awarded**  
RESIDENCE Cost, \$7,500  
OAKLAND, Alameda Co., Cal. 1539  
Mountain Boulevard.  
Two - story frame and stucco residence (6 rooms).  
Owner—H. J. Hirschenfeld, 4308 Telegraph Ave., Oakland.  
Architect—Not Given.  
Contractor—Chas. Ungaretti & Son, 1727 Foothill Blvd., Oakland.

**Contract Awarded**  
RESIDENCE Cost, \$6,800  
PIEDMONT, Alameda Co., Cal. 215  
Carmel Avenue.  
Two - story frame and stucco residence (6 rooms) garage.  
Owner—George Lyng, 1950 Rosedale Ave., Oakland.  
Plans by J. H. Anderson.  
Contractor—W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.

**Plans Being Figured**  
RESIDENCE Cost, \$10,000  
PORTERVILLE, Tulare Co., Calif.  
Two-story frame and stucco residence.  
Owner—Withheld.  
Architect—David H. Horn Rowell Bldg., Fresno.

**Contract Awarded**  
RESIDENCE Cost, \$5,500  
BERKELEY, Alameda Co., Cal. 1009  
Creston Road.  
Two - story frame and stucco residence (6 rooms) garage.  
Owner—L. N. West, 2310 Corona St., Berkeley.  
Architect—Not Given.  
Contractor—J. M. Walker, 401 Spruce St., Berkeley.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. 2443  
Monticello Avenue.  
One - story frame and stucco residence (6 rooms).  
Owner and Builder—Eleanor E. Reed, 2843 60th Ave., Oakland.  
Architect—Not Given.

**Preparing Working Drawings**  
RESIDENCE Cost, \$4,500  
HAYWARD, Alameda Co., Calif.  
One - story frame and stucco residence (five ooms).  
Owner—Withheld.  
Architect—Geo. Patton Simonda, 80 Main St., Hayward.

**Contract Awarded**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, N Alameda Blvd.  
141 W of Cotter St.  
One - story and basement frame and stucco residence.  
Owner—B. D. Sheehan, c/o contractor.  
Architect—Not Given.  
Contractor—Williams Const. Co., 3386 22nd Street.

**To Be Done By Day's Work.**  
RESIDENCES Cost, \$3,500 each  
SAN FRANCISCO, West and East  
32nd Ave. S of Kirkham St.  
Ten one-story and basement frame residences.  
Owner and Builder—Standard Building Co., 1500 Judah St.  
Architect—Not Given.

**Plans Completed**  
RESIDENCE Cost, \$.....  
NAPA, Calif.  
Two-story frame residence (7 rooms, 2 baths), plaster interior, shingle roof, oil-burning furnace, hardwood floors, tile baths, wood sash.  
Owner—E. L. Bleckford, 1303 Jefferson St., Napa.  
Architect—Clarence Caulkin, Rosenberg Bldg., Santa Rosa.  
Owner will take general bids from a selected list of contractors.

**Preparing Working Drawings**  
RESIDENCE Cost, \$20,000  
SAN FRANCISCO, Calif.  
Two-story frame and brick veneer residence (9 rooms, 3 baths), hardwood floors, tile baths, slate roof, etc.  
Owner—Withheld.  
Architect—John Davis Young, 2002 California St.

**Preparing Working Drawings**  
ALTER RESIDENCE Est. Cost, \$2000  
SAN FRANCISCO, Richmond District.  
Alterations to residence; bedroom, dressing room, closet, bath; hardwood floors, wood sash, canvas walls and ceilings, etc.  
Owner—Withheld.  
Architect—Sidney A. Colton, 18 Rico Way.  
Bids will be asked for within one week.

**Contract Awarded**  
RESIDENCE Cost, \$14,250  
WOODSIDE, San Mateo Co., Calif.  
Two - story cement stucco residence (8 rooms) garage.  
Owner—Russell R. Vought.  
Architect—Not Given.  
Contractor—L. M. Duncan, 1203 Arguello St., Redwood City.

**Bids In—Held Under Advertisment.**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Near Twin Peaks  
Two - story frame and stucco residence (hardwood floors, tile baths, wood sash, etc).  
Owner—Dr. Robt. Aird, c/o architect.  
Architect—W. W. Wurster, 260 California Street.  
Announcement shortly.

**Bids In—Held Under Advertisment.**  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Near Twin Peaks  
Two - story frame and stucco residence (hardwood floors, tile baths, wood sash, etc).  
Owner—Chas. Gurchot, c/o architect.  
Architect—W. W. Wurster, 260 California Street.  
Announcement shortly.

**BIDS OPENED**  
RESIDENCE Cost, \$.....  
SAN JOAQUIN CO., near Lodi.  
Two - story stucco and rustic residence (8 rooms), wood shingle roof, wood sash, hardwood floors, linoleum baths, oil-burning heat.  
Owner—Withheld.  
Architect—Victor Galbraith, 221 East Acacia St., Stockton.  
Contractor—Alex A. Walters & Son, 510 E. Lodi Ave., Lodi.

**To Be Done By Day's Work.**  
RESIDENCES Cost, \$3,500 ea.  
SAN FRANCISCO, W 37th Avenue  
N of Kirkham St.  
Six one-story and basement frame residences.  
Owner and Builder—Claude T. Lind-say, 820 Taraval Street.  
Architect—Not Given.

**Preparing Sketches**  
RESIDENCE Cost, \$5,500  
CARMEL WOODS, Monterey Co.  
Owner—Withheld.  
Architect—Milton Latham, Carmel.

## 15—SCHOOLS

**BIDS OPENED**  
SAN FRANCISCO.—D. J. & T. Sullivan, Inc., 1940-42-44 Folsom St. at \$174 each, or \$348, submitted low bid to the Department of Public Works, City Hall, for moving two bungalows from Sunshine School site, Dolores and Dorland Sts. to Samuel Gompers School site, Bartlett and 22nd Sts.

Only other bid submitted by Hanson Bros., at \$180 each, or \$360.

**CONTRACT AWARDED**  
TURLOCK, Stanislaus Co., Calif.—F. J. Wirtner, Myrtle St., Turlock, at \$22,000 awarded contract by Turlock Union High School for stuccoing the gymnasium at the high school. Only other bid was submitted by John Lund, Turlock, at \$2,530.  
Specifications prepared by Architects Miller & Warnecke, Financial Center Bldg., Oakland.

**Bids Wanted—To Close October 25, 8 P. M.**

**ALTERATIONS** Cost, \$.....  
MILL VALLEY, Marin Co., Calif.  
Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst Bldg., San Francisco.  
Plans and specifications may be obtained at the office of the Superintendent of Schools, 107 Tamalpais St., Mill Valley, upon deposit of \$20.  
At previous bid opened June 12, De Luca & Son, Inc., 1745 Filbert St., San Francisco, at \$45,944 submitted the low bid.

**CONTRACT AWARDED**  
SAN FRANCISCO.—Eaton and Smith, 715 Ocean Ave., at \$3,451, awarded contract by the Department of Public Works, City Hall, for general construction of yard work at the Bay View School, Bay View Street between Pomona and Flora Streets.  
Complete bids published Sept. 30.

**Contract Awarded**  
GYMNASIUM Cont. Fr., \$63,583.50  
DAVIS, Yolo Co., Calif.  
New gymnasium building to replace one destroyed by fire last New Year's, to include two laboratory rooms, combination band room and stage, gym, locker rooms, shower rooms, etc., and three classroom wing addition to main school building.  
Owner—Davis Joint Union High Sch. Dist. (Homer H. Cornick, Principal).

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Contractor—Lawrence Const. Co. 5372 Ninth Ave., Sacramento.  
Complete bids published Aug. 30.

**BIDS WANTED**  
SAN FRANCISCO.—Until October 13, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 252, City Hall, for removing old roofs and installing new tar and gravel roofs on bungalows 5 and 6 at Guadalupe School, Cordova and Prague Sts.  
Specifications obtainable from the office of Supt. of Bldgs. R. A. Chisholm, 484 11th St.

**CONTRACT AWARDED**  
SACRAMENTO, Cal.—Wright and Prestley, Rt. 1, Box 965, Sacramento at \$1,589.63 awarded contract by the Pacific School District, C. B. Wire, Clerk, for an addition to the Pacific School.

**CONTRACT AWARDED**  
SAN BERNARDINO, Calif.—L. P. Scherer, 620 W. Olive Ave., Redlands, awarded contract by San Bernardino Board of Education, at \$15,497, for construction of a 4-room school bldg. on the Burbank site in San Bernardino. Walter L. Culver, architect, 20 Fuller Bldg., San Bernardino.

**Bids Wanted—To Close October 19, 8 P. M.**

**HARDWARE, ETC.** Cost, \$.....  
NAPA, Calif.

urnish and install finish hardware and electrical lighting equipment in the Napa Union High School Building.

Owner—Napa Union High School District (Sutro A. Frost, Clerk).  
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Plans and specifications may be obtained at the office of the architect and from C. L. Hunt, Second Street, Napa, upon deposit of \$15.

Sub-Contracts Awarded  
SCHOOL ADDN. Cont. Fr., \$42,929  
CONTRA COSTA CO., Calif. Ambrose School Dist. near Pittsburg.

Three additional classrooms and an auditorium for Ambrose School.  
Owner—Ambrose School District.  
Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.  
Roofing—Martinez Sheet Metal W'ks, Martinez.

Plumbing—K. A. McMillan, Berkeley.  
Electric Wiring—Fred Schmits, 428 Moss Ave., Oakland.

Heating—T. J. Kennedy, Box 83, Martinez.

Shed Metal—J. C. Owens, 1615 Carlton St., Berkeley.

The Work—Superior Tile Co., 3743 Broadway, Oakland.

Glass—Western Door & Sash Co., 5th and Cypress Sts., Oakland.

Window Shade Service, Oakland.  
Iron Grille Work—C. Frauneder, 335 8th St., Oakland.

Grading—J. Henry Harris, 2322 McGee Ave., Berkeley.

Concrete and Foundations—Schnoor Bros., 6016 Claremont Ave., Oakland.

Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.

Painting—Ira E. Scott, 217 Ramona Ave., El Cerrito.

Lathing and Plastering—C. H. Burnett & Son, 865 32nd St., Oakland.

Linoleum—Higgins Co., 2335 Broadway, Oakland.

**BIDS OPENED**  
ADDITION ..... Cost, \$—  
LODI, San Joaquin Co., Calif.

One-story stucco and stucco addition at Needham School (ten classrooms, library and shop addition) flat roof.

Owner—Lodi Grammar School Dist.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Low Bidder—John Hachmalm, P. O. Box 206, Stockton, \$92,170.

Other Bidders were:  
C. H. Dodd, Stockton, \$92,781  
H. H. Henning, Stockton, \$93,360  
John C. Meyers, Stockton, \$95,239  
William C. Hoegerman, Lodi, \$95,400  
Samuel E. Stockton, \$99,877

Above bids were submitted for all work.

Following bids were submitted on linoleum only:  
McLean's Hardwood Floor and Linoleum Co., Stockton, \$2440  
Malloy & Peterson, S. F., 2733

Bids taken under advisement.

Revising Plans  
SCHOOL Est. Cost, \$7,000  
CANTIL, Kern Co., Calif.

One - story frame and stucco school building (classroom, supply and toilet rooms).

Owner—Red Rock School Dist., Cantil.  
Architect—F. Wynkoop, 1919 Orange Street, Bakersfield.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
Bids received Sept. 18 were rejected.

Preparing Sketches  
SCHOOL Est. Cost, \$100,000  
EURLINGAME, San Mateo Co., Cal.  
Cor. Bayswater Ave. and Park Road.

Two-story steel frame and reinforced concrete St. Catherine's School (8 classrooms, large auditorium), modified Gothic architecture.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.  
Reported to be the first unit of \$500,000 building program, which may include construction of new church.

Preliminary Plans Completed  
CAFETERIA Cost, \$25,600  
PETALUMA, Sonoma Co., Cal. Petaluma High School.

One - story frame and stucco cafeteria building; composition built-up roof, gas fired furnace.

Owner—Petaluma County High Sch. District.  
Architect—Brainerd Jones, 226 Washington St., Petaluma.

Engineer—Carl W. Zolner, Ross.

Plans Approved  
JUNIOR COLLEGE Cost, \$.....  
SAN MATEO, San Mateo Co., Calif.

Peninsula Ave. and N. Delaware. First unit of new junior college (2-story fireproof science bldg.).

Owner—San Mateo Junior College & High School District.

Architect—Harry A. Thomaseo, successor to Geo. W. Kelham, 315 Montgomery St., San Francisco.

Bids will be asked about Dec. 1. College will also include an administration building, arts building, library, gymnasium and students' union building, which preliminary plans are completed.

Sub-Contracts Awarded  
LABORATORY Cost, \$100,000  
U. C. CAMPUS, Berkeley, Calif.

One - story reinforced concrete radiation laboratory (60x140 ft.) with provision for two additional stories, steel roof trusses.

Owner—Regents of the University of California.  
Architect—Harry A. Thomaseo, successor to George W. Kelham, 315 Montgomery St., San Francisco.

Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.

Excavations—J. Catucci, 1212 18th Ave., Oakland.

Roofing—General Roofing Co., 3985 Post St., Oakland.

Mill Work—Pacific Mfg. Co., Santa Clara.

Sheet Metal—George Wieland, 1113 Howard St., San Francisco.

Glass—W. F. Fuller Co., 301 Mission St., San Francisco.

Hardware—Maxwell Co., 1310 Washington St., Oakland.

Ornamental Iron—Sartorius Co., 2530 18th St., San Francisco.

Metal Partitions—Dwan & Co., 128 Post St., San Francisco.

Tile Work—Rigney Tile Co., 3012 Harris St., Oakland.

Sub-contracts awarded previously published Aug. 10.

Plans Approved  
PORTABLE CLASSROOM Cost, \$3,990  
BERKELEY, Alameda Co., Cal. Tacoma and Colusa Streets.

One - story one - room portable steel classroom building, at Thousand Oaks Grammar School.

Owner—Berkeley Unified School District (Clara F. Andrews, Secy.), 2325 Milvia St.

Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.

General working drawings have been approved and bids will probably be asked Oct. 6.

**CONTRACT AWARDED**  
BERKELEY, Alameda Co., Calif.—Bay Cities Alameda Co., 5th and 12th Sts., Oakland, at \$595, awarded contract for re-roofing the Jefferson School auditorium, Sacramento and Rose Streets, and at \$3,795 awarded contract for re-roofing the John Muir School.

New Bids Wanted—To Close October 16, 1:30 P. M.

SCHOOL  
LOYALTON, Sierra Co., Calif.

One - story frame school building (12 classrooms and assembly hall), concrete foundation, shingle roof.

Owner—Loyalton School District.  
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Separate bids will be received for (1) general construction, and (2) heating and plumbing.

Plans and specifications may be obtained at the office of the Architect upon deposit of \$10.

Previous bids opened September 25 were rejected, as too high. H. W. Robertson, 3004 F St., Sacramento, was low bidder on Item 1, at \$67,311, and W. E. Hummel, Reno, Nevada, low bidder on Item 2, at \$9,987.75.

Bids Wanted—To Close October 18, 7:30 P. M.

SCHOOL ADDITION Cost, \$30,000  
SALINAS, Monterey Co., Calif.

One - story frame and stucco addition to the Sherwood School (six classrooms).

Owner—Salinas City School District.  
Architect—Charles E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

As previously reported, following have taken out plans:  
Albert Station, 429 Front St., Salinas.

F. C. Stolle Co., 1405 San Antonio Ave., Alameda.

V. H. Moore, Rt. 1, Box 119-A, Salinas.

P. T. Wallstrum, Watsonville.  
Harold C. Geyer, Box 822, 574 Main St., Monterey.

**CONTRACT AWARDED**  
LOS ANGELES, Cal.—H. F. Miller, 7530 S. Hobart Blvd., was awarded contract by Los Angeles Board of Education at \$84,905, for construction of the central portion of the administration building at the Abraham Lincoln high school, 3504 North Broadway. Albert C. Martin, 233 Higgins Bldg. architect. Bids received September 8.

**CONTRACT AWARDED**  
LOS ANGELES, Cal.—E. C. Nesser, 4822 W. Jefferson Blvd., was awarded contract by Los Angeles Board of Education at \$192,663 for construction of an auditorium building, a shop building and a classroom building at Western District high school, 3637 Farmdale Ave. H. L. Gogerty, 6872 Yuca St. and C. E. Noerenberg, 210 Los Angeles Railway Bldg., architects.

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**CONTRACT AWARDED**  
LOS ANGELES, Cal.—E. C. Nesser, 4822 W. Jefferson Blvd., was awarded contract by Los Angeles Board of Education at \$192,663 for construction of an auditorium building, a shop building and a classroom building at Western District high school, 3637 Farmdale Ave. H. L. Gogerty, 6872 Yuca St. and C. E. Noerenberg, 210 Los Angeles Railway Bldg., architects.

**CONTRACT AWARDED**  
LOS ANGELES, Cal.—E. C. Nesser, 4822 W. Jefferson Blvd., was awarded contract by Los Angeles Board of Education at \$192,663 for construction of an auditorium building, a shop building and a classroom building at Western District high school, 3637 Farmdale Ave. H. L. Gogerty, 6872 Yuca St. and C. E. Noerenberg, 210 Los Angeles Railway Bldg., architects.

**Will Ask Bids Shortly****ALTERATIONS**

MILL VALLEY, Marin Co., Calif.  
Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst Bldg., San Francisco.

Previous bids received June 12th were held under advisement and award of contract held up pending possible FWA grant, which has been refused; however, new bids will be asked Thursday and work completely financed by the school district.

De Luca & Son, Inc., 1745 Filbert St., San Francisco, at \$45,944, submitted previous low bid.

**Completing Plans**

SCHOOL Cost, \$90,000  
KERN COUNTY, Calif.

New 10-room, brick and concrete elementary school (brick facing, tile roof, wood partitions, metal lath, maple & linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall-board, waste moulds, waterproofing, plaster interior finish, etc.)

Owner—Beardsley School District.  
Architect—Symmes & Willard; Staaton Willard, architect, 215 Haberle-ride Bldg., Bakersfield.

**Contracts Awarded**

ADDITION Cont. Pr., \$87,520  
LODI, San Joaquin Co., Calif.

One-story frame and stucco addition at Needham School (ten classrooms, library and shop addition), flat roof.

Owner—Lodi Grammar School Dist.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Contractor—John Hachman, P.O. Box 206, Stockton.

Contract awarded deducting alterations 8, 12, 13 and 19; total deduction of \$2,150.

McLean's Hardwood Floor & Linoleum Co., Stockton, at \$2,440, awarded contract for linoleum.

**10—BANKS, STORES AND OFFICES****CONTRACT AWARDED**

LOS ANGELES, Cal.—Weymouth-Crowell Co., 2104 E 15th St., awarded contract for construction of a five-story and part six-story reinforced concrete Class A office building, 60x155 ft. in area, at 1033 S. Hope St. for Pacific Employers' Insurance Co. Construction will start at once. S. O. Clements, architect, 1135 Van Nuys Bldg., Los Angeles.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Los Angeles Wrecking Co., 810 E. 9th St., awarded contract for wrecking six-story brick and steel building at 631-33 S. Spring Street. Site will be occupied by System Auto Park.

**PREPARING PLANS**

VERNON, Los Angeles Co., Calif.—Architect Gordon B. Kaufmann, 627 S. Carondelet St., is preparing plans for a Class A reinforced concrete office building to be built at Fruitland and Magnolia St., Vernon, for the Aluminum Company of America; estimated cost, \$100,000. A utility bldg. and foundry are already under construction on the site, work being handled by the owner.

**PLANS BEING FIGURED**

LOS ANGELES, Cal.—Architect A. S. Heineman, 457 S. Kingsley Drive, is taking general contract bids for a

group of five medical buildings to be built in the block bounded by Grandview, Lake, Ocean View and Third Sts., for Virginia Pettet. They will be Class C structures with brick exterior walls.

Sub Contract Awarded  
STORE Cost, \$16,995  
BURLINGAME, San Mateo Co., Cal.  
Howard Ave. and Primrose St.  
One-story frame and stucco store building (60 x 100 ft.).

Owner—Safety Stores.  
Architect—Lazer Nussbaum, 3138 Divisadero St., San Francisco.

Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.

Plumbing—H. Lauder, 218 Lorton Ave., Burlingame.

Contract Awarded  
REMODEL STORE Cost, \$60,000  
SANTA BARBARA, Calif. 1132 Figueroa St.

Exterior and interior remodeling of a 4-story and basement building.

Owner—Montgomery Ward & Co. Plans by Construction Department of Owner, Chicago Office.

J. C. Doucha, 2825 E. 14th Street, Oakland, is manager of construction for the company.

**BIDS OPENED**

SAN FRANCISCO.—Department of Public Works, Bureau of Bldg. Repair, at \$918.15 submitted low bid to the Department of Public Works, City Hall, for alterations to Traffic Bureau, Room 164, City Hall.

Complete bids follow:  
Bureau of Bldg. Repair..... \$ 918.15  
Frank J. Reilly Co..... 1,431.00  
Braas-Kuhn Co..... 1,602.00  
Barrett & Hilp..... 1,675.00  
Peter Sartorio..... 1,688.00

Sub Contracts Awarded  
ALTERATIONS Cost, \$50,000  
SAN FRANCISCO, NE California and Battery Streets.

Alter office building.  
Owner—White Investment Co., 260 California St.

Architect—Warren C. Perry, 260 California St.

Engineer—T. Ronneberg, Crocker Bldg.

Contractor—Dinwiddie Constr. Co., 20 Crocker Bldg.

Plumbing & Heating—F. W. Spencer & Son, 2529 Anza St.

Electric—Victor Lemoge, 281 Natoma St.

Mill Work—Pacific Mfg. Co., Santa Clara.

Ornamental Iron—Monarch Iron Works, 262 7th St.

Metal Windows—Soule Steel Co., 1750 Army St.

Reinforced Steel—Gunn-Carle, 20 Potrero Ave.

Masonry—Harry Drake, 666 Mission St.

Sheet Metal—Wieland & Koltoff, 2194 Folsom St.

All of San Francisco, unless otherwise noted.

Sub contracts previously awarded published Aug. 10.

Preparing Sketches  
STORE BLDG. Cost, \$.....  
CARMEL, Monterey Co., Calif.  
One-story store building.  
Owner—Withheld.

Architect—Milton Latham, Carmel.

PREPARING PLANS  
LOS ANGELES, Cal.—Architect P. Kingsbury, 516 N. Gower St., is preparing working plans for a one-story commercial building (100x125-ft.) to be built on Santee St. for the U. S. Sprung & Bumper Co.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, awarded general contract for construction of a 1-story store building (98 x 125 ft.) at 755 S. La Brea Ave., for Firestone Tire & Rubber Co., 2525 Firestone Blvd. Atlas Scrapers & Engineering Co. has contract for structural steel. R. E. Ward, structural engineer, 777 E. Washington Blvd.

Contract Awarded  
ALTERATIONS Cont. Pr., \$4,000  
SAN FRANCISCO, Santa Clara Co., Calif.  
Santa Clara Ave.

Alterations to store front.  
Owner—Withheld.

Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Contractor—Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Working Drawings Completed  
STORE BLDG. Cost, \$135,000  
BURLINGAME, San Mateo Co., Cal. 1408 Burlingame Ave., bet. Primrose Road and El Camino Road.

Three-story, basement and mezzanine store building (approximately 55 x 150 ft.).

Owner—Mrs. May Bridge, San Francisco.

Lessee—Montgomery, Ward & Co. Plans by Eng. Dept. of Lessee, Chicago Office.

General bids will probably be asked in two or three weeks.

Contract Awarded  
MARKET Cost, \$5,500  
SAN FRANCISCO, SW Mission and 19th Streets.

One-story frame market building.

Owner—E. Hirsch, c/o contractor. Architect—Not Given.

Contractor—J. S. Malloch, 666 Mission Street.

Sub Contracts Awarded  
STORE BLDG. Cost, \$12,500  
SALINAS, Monterey Co., Calif. Main Street.

One-story and basement concrete store building (120 x 30 ft.), terra cotta front, plate glass, linoleum floors, composition roof, etc., for the Salinas Electric Co.

Owner—Wesley Evans, c/o Contractor.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Fred Carlsen, 336 Lincoln Ave., Salinas.

Plumbing, Heating and Sheet Metal—Anderson-Dougherty & Hargix Co., 225 Main St., Salinas.

Electric Wiring—Salinas Electric Works.

Tile & Terra Cotta—Gladding, McBean Co., 660 Market St., San Francisco.

Glass—Habenicht & Howlett, 529 Clay St., San Francisco.

Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos St., San Jose.

Grading & Foundations—W. A. Donatville, Box 544, Salinas.

Lumber—Tynan Lumber Co., 7 East Gablian St., Salinas.

Painting—George White, 210 Pajaro, Salinas.

Reinforcing Steel—Dick Richards, 3422 Piedmont Ave., Oakland.

Contract Awarded  
STORE Cost, \$.....  
SAN FRANCISCO, West Portal Ave.

One-story frame and stucco store building (composition roofing, vitrolite, steel sash, etc.).

Owner—J. H. Bernheim. Architect—Masten, Hurd & Roeth, 233 Post St.

Contractor—Empire Constr. Co., Ltd., Russ Bldg.



**Preparing Working Drawings**  
**MARKET** Cost, \$.....  
**SAN MATEO, Calif.**  
 One-story and mezzanine reinforced concrete market building, wood trusses, composition roof, terra cotta front.  
**Owner—Withheld**  
**Architect—Mario Corbett, 72 Third Ave., San Mateo.**

**Sub-Contracts Awarded**  
**ALTERATIONS** Cost, \$6,500  
**SAN FRANCISCO, 923 Market St. Alter store.**  
**Owner—Zukor's Dress Shop, premises Plans by H. F. Hunter, 629 S. Hill St., Los Angeles.**  
**Contractor — L. E. Emanuel, 2665 Jonesa Street.**

**Electric Wiring—Harry Morgan, 2241 15th Street.**

**Glass—Crows Glass Co., 675 Golden Gate Avenue.**

**Lathing and plastering—MacGruer & Co., 206 Tehama Street.**

**17— THEATRES**

**PREPARING PLANS**  
**MANHATTAN BEACH, Los Angeles Co., Calif.—Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, is preparing plans for a reinforced concrete motion picture theater to be built in Manhattan Beach for Pacific States Theaters. It will contain an 800-seat auditorium and 4 store rooms.**

**PREPARING PLANS**  
**INDIO, Riverside Co., Calif.—Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, is preparing plans for a reinforced concrete motion picture theater to be built in Indio for Terry McDaniel. It will contain a 350-seat auditorium and 2 store rooms.**

**PLANS BEING FIGURED**  
**LOS ANGELES, Calif.—Until Oct. 13, Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is taking bids from a selected list of contractors for a reinforced concrete theater building (120 x 140 ft.) to be built at Compton Ave. and 66th St. for Fox West Coast Theaters. \* 17**

**18— WHARVES & DOCKS**

**Contract Awarded**  
**CONNECTING BLDG.** Cont. Pr., \$8,431  
**SAN FRANCISCO, Pier 48 (outer end).**  
**Connecting building at Pier 48 (temporary construction).**  
**Owner—State Board of Harbor Commissioners, Ferry Bldg.**  
**Engineer — Frank G. White, Ferry Bldg.**  
**Contractor—Frank J. Reilly Co., 6350 Fulton St., San Francisco.**

Complete bids follow:  
**Frank J. Reilly Co.**.....\$8,431  
**F. C. Amoroso & Sons**..... 8,727  
**Leo Epp**..... 8,769  
**Barrett & Hilp**..... 8,922  
**A. Nelson, Inc.**..... 8,995  
**Fred J. Early**..... 9,285  
**Monson Bros.**..... 9,518

**19—MISC. CONSTRUCTION**

**CONTRACT AWARDED**  
**PEARL HARBOR, T. H.—Olas Lagried, Honolulu, at \$45,000 awarded contract by the Navy Department, Bureau of Yards and Docks, Washington, D. C., under Spec. 8542, for the construction of a storage vault at Pearl Harbor, T. H. Estimated cost, \$3,500.**

**BIDS WANTED**  
**UTAH-Idaho-Wyoming—Until October 13, 2 P. M., bids will be received by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 982-D, for aerial surveys for the Green River-Bear River investigation, Utah-Idaho-Wyoming.**

Work involves approximately 1,600 square miles aerial photography at a negative scale and furnishing contact prints and index maps from the vertical negatives and making an aerial photographic controlled mosaic map of the area.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**  
**PORTLAND, Ore.—Lake Washington Shipyards, Seattle, at \$68,912.00 submitted low bid to U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-38-94, for drydocking and repairing the U. S. seagoing hopper dredge, "Colonel P. S. Michie." Est. cost, \$66,787.**  
 Total bids follow:  
**Lake Washington Shipyards, Seattle**.....\$68,912  
**General Engineering and Drydock Co., San Francisco**..... 68,313  
**Commercial Iron Works, Portland**..... 69,773  
**Winslow Marine Railway Shipyards Co., Seattle**..... 73,707  
**Lake Union Drydock & Mach. Works, Seattle**..... 74,318  
**General Iron & Steel Co., Portland**..... 79,383  
**Todd Drydock Co., Seattle**..... 81,415  
**Moore Drydock Co., Oakland**..... 99,863

**BIDS WANTED**  
**HAMILTON FIELD, Calif.—Until Oct. 15, 10 a.m., bids will be received by the Constructing Quartermaster, Col. H. E. Pitz, Fort Mason, San Francisco, under No. W 6616-38-4, for surfacing the landing mat at Hamilton Field.**

Plans and specifications may be obtained from the above office. \*

**BIDS OPENED**  
**PORTLAND, Ore.—As previously reported, Lake Washington Shipyards, Seattle, at \$68,512.10, submitted low bid to U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-38-94, for drydocking and repairing the U. S. seagoing hopper dredge, "Colonel P. S. Michie." Ests. cost, \$66,797.**  
 Total bids follow:  
**Lake Washington Shipyards, Seattle**.....\$68,512.10  
**General Engineering and Drydock Co., San Francisco**..... 68,803.00  
**Commercial Iron Works, Portland**..... 70,073.00  
**Winslow Marine Railway Shipyards Co., Seattle**..... 73,307.00  
**Lake Union Drydock & Mach. Works, Seattle**..... 74,318.00  
**General Iron & Steel Co., Portland**..... 79,383.50  
**Todd Drydock Co., Seattle**..... 81,182.50  
**Moore Drydock Co., Oakland**..... 99,864.00

**BIDS WANTED**  
**SAN FRANCISCO—Until Oct. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-45, for drydocking, painting and repairing the U. S. motor boat "H. L. Demeritt."**

Plans and specifications may be obtained from the above office.

**BIDS WANTED**  
**ALAMEDA, Alameda Co., Calif.—Until October 19 5 P. M. (opened 8:00 P. M.) bids will be received by the Alameda City Council, City Clerk,**

**City Hall, for constructing a tennis court, Haight Ave. and Linden St., Alameda.**

Plans and specifications may be obtained from the above office.

**SUB-CONTRACT AWARDED**  
**LOS ANGELES, Cal.—F. D. Reed Plbg. Co., 1348 Venice Blvd., awarded contract by the Los Angeles Union Passenger Terminal for a plumbing system to be installed in the main station buildings under construction at Alameda St. between Aliso and Macy Sts., for the Santa Fe Union Pacific and Southern Pacific railroads.**

**BIDS WANTED**  
**OAKLAND, Calif.—Until Oct. 13, 1 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for (1) placing 72 crescented piles, and (2) tie foundation, Municipal Exposition Building Annex 2, Oakland.**

Bids opened September 28th were rejected.

**Contract Awarded**  
**FOUNDATION** Cost, \$.....  
**OAKLAND, Alameda Co., Calif. NE corner First and Grove Streets.**  
**Construction of boiler and fan foundation at Sub-station C.**  
**Owner—Pacific Gas & Electric Co. Plans by Engr. Dept. of Owner.**  
**Contractor—Dinwiddie Const. Co. Inc. 210 Crocker Bldg., San Francisco.**

**BIDS OPENED**  
**SACRAMENTO, Cal.—Underground Construction Co., 6 Alvarado Street, Berkeley, at \$1279, submitted low bid to the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio of San Francisco, under C.P. 1084-Sc-38-4, for constructing telephone manholes at the Sacramento Air Depot.**

Wm. A. Degen, Alameda, at \$1830, submitted only other bid. \*

**BIDS OPENED**  
**SAN FRANCISCO—Louis Strauss Lumber Co., Colville Wash., at \$18,390 fob Ganssner Bar, Calif.; Hart Mountain, Ore.; Flint Creek, Mont.; Glen Creek, Mont.; Libby, Montana; Drysdale, Idaho; Charleston, Utah; Tahoma Creek, Wash.; and \$13,390 fob Wells Sliding, Nev.; Lava Beds, Ore.; Sod House Springs, Nev.; Lava Beds, Ore.; Sod House Springs, Ore.; Priest Lake, Ida.; Churchill, Nev.**  
**Prefabricated Const. Inc., Seattle, at \$19,884 fob Ganssner Bar, Calif.; Hart Mountain, Ore.; Flint Creek, Mont.; Glen Creek, Mont.; Libby, Mont.; Drysdale, Idaho; Charleston, Utah; Tahoma Creek, Wash.; and \$15,273 fob Wells Sliding, Nev.; Lava Beds, Ore.; Sod House Springs, Ore.; Priest Lake, Idaho; Churchill, Nev.**  
**Western Pine Bldg. Co., Spokane, at \$19,278.9 fob Flint Creek, Mont.; Glen Creek, Mont.; Libby, Montana; Drysdale, Ida., and \$14,792 fob Priest Lake, Idaho.**  
**Carlton Lumber Co., Portland, at \$23,850 fob Glen Creek, Mont.; Libby, Montana.**

**CONTRACT AWARDED**  
**SAN DIEGO, Calif.—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$3490 was awarded contract by Lieut. Commander L. N. Moeller, Headquarters, 11th Naval District,**

Public Works Dept., foot of Broadway, San Diego, under Spec. No. 8547, for electric service connections at the Naval Hospital, San Diego.

#### BIDS WANTED

**OLIVE VIEW, Los Angeles Co., Cal.**—Until Oct. 19, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for three new 250-h.p. water tube boilers, with accessories, including piping work, installation and connection of miscellaneous equipment and removal of four existing boilers in the boiler house at Olive View Sanitarium.

Plans obtainable from the county mechanical engineer, R. E. Shoener, 10th floor, Hall of Records. Name B. Beatty, clerk of the board.

#### BIDS OPENED

**SAN FRANCISCO.**—American Automatic, Chicago, Ill., at \$17,231.86, submitted the only bid to Col. O. S. Albright, Contracting Officer, Signal Office, Ninth Corps Area, Presidio, San Francisco, under C.P. 1084-Sc-38-5, for initial 200 line (500 line ultimate) P-A-B-X to serve the U. S. Army Pacific Air Depot, Sacramento.

Work involves:

- (1) Complete job;
- (2) Items 2 to 7, inclusive, for furnishing additional equipment for installation;
- (2) 3 fire repeater circuits;
- (2b) Alternate;
- (3) Auxiliary turret type attendant's cabinet, equipped with 3 central office trunks, 2 information trunks, release and dial trunk keys and night alarm circuit;
- (4) Executive right-of-way equipment to permit any one of three telephones dialing into any busy connection;
- (5) Crash alarm circuit of 10 stations;
- (6) A 10-station fixed conference group shall be included to enable the entire 10 stations to be signaled simultaneously;
- (7) Same as Item 6, except for 20 stations.

Unit prices follow:

(1) .....	\$17,231.86
(2) .....	877.72
(2b) .....	1,163.32
(3) .....	270.00
(4) .....	91.20
(5) .....	662.52
(6) .....	644.75
(7) .....	894.90

#### BIDS WANTED

**OLIVE VIEW, Los Angeles Co., Cal.**—Until Oct. 19, 2 P. M., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for constructing a 7-ft. addition to the boiler house at Olive View Sanitarium.

Plans obtainable from the county mechanical engineer, R. E. Shoener, 10th floor, Hall of Records. Name B. Beatty, clerk of the board.

#### BIDS OPENED

**SACRAMENTO, Cal.**—Underground Construction Co., 6 Alvarado Street, Berkeley, at \$1649, submitted low bid to the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio, San Francisco, under C.P. No. 1084-Sc-38-2, for installing a telephone conduit system at the Sacramento Air Depot.

Wm. A. Degen, Alameda, at \$1945, submitted only other bid.

#### BIDS OPENED

**SACRAMENTO, Cal.**—Underground Construction Co., 6 Alvarado Street, Berkeley, at \$75, submitted low bid to the Signal Officer, Col. O. S. Albright, Ninth Corps Area, Presidio, San Francisco, under C.P. 1084-Sc-38-3, for installing subterranean ca-

ble at the Sacramento Air Depot, Sacramento.

Wm. A. Degen, Alameda, at \$975, submitted only other bid.

#### BIDS WANTED

**SACRAMENTO, Cal.**—Until Oct. 12 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-94, for one stationary gasoline engine driven, air compressor plant, skid mounted; fob Lovdal, Calif.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Los Angeles Wrecking Co., Inc., 810 E. Olympic Blvd., at \$974,550, awarded contract by the State Division of Architecture, Sacramento, for wrecking building on the Los Angeles State Building Site, First and Broadway. Complete bids published September 29th.

#### Contract Awarded

**FUNERAL PARLOR** Cost, \$25,000 **SAN FRANCISCO.** S Green Street east of Powell Street.

One-story frame funeral parlor. Owner—Valente, Marini & Perata & Company.

Architect—Conrad T. Kett, 519 California Street.

Contractor—Fracchia and Truffelli, 1996 21st Avenue.

## 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**LONG BEACH, Calif.**—Oil Well Supply Co., 934 N. Alameda, Los Angeles, at \$46,209.69, was awarded contract by the Long Beach city council for furnishing 128,000 ft. seamless steel pipe for the city gas department. The price included freight from the mill of the National Tube Co. at Pittsburgh, Pa., and the discount was figured on mill value of pipe, including state sales tax on mill value. The pipe will be primed and painted at the mill. The order includes 50,000 ft. 1½-in., 10,000 ft. 2-in., 40,000 ft. 3-in., 10,000 ft. 4-in., 10,000 ft. 6-in., and 5,000 ft. 8-in. Other bids were identical with the exception of the method of figuring discount, as noted above. The names of the other bidders were: National Supply Co., Crane Co., Ducommun Metals & Supply Co., Calif. Pipe & Supply Corp., Republic Supply Co., Hickey Pipe & Supply Co.

#### BIDS OPENED

**SAN FRANCISCO.**—Rolando Lumber Co., 301 Berry St., San Francisco, at \$42.09, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-39, for furnishing lumber of various sizes; f.o.b. Yerba Buena Island.

Total bids follow:

Rolando Lumber Co., 301 Berry St., San Francisco—\$42.90, 2% 30 days.  
Acme Lumber Co., S. F.—\$43.70, 2% 30 days.

Smith Lumber Co., San Francisco—\$45.00, 2% 30 days.

Loop Lumber Co., San Francisco—\$49.37, 2% 30 days.

#### BIDS OPENED

**SAN FRANCISCO, Calif.**—The following submitted identical bids at \$53.45, 2% 30 days, to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-39, for furnishing misc. bolts; f.o.b. Yerba Buena Island.

Baker Hamilton & Pacific; Marshall Newell Supply Co.; Northern California Hardware & Steel Co.; General Machinery and Supply Co.; Dunham Carrigan & Hayden Co.; Ducommun Metals & Supply Co.

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—Columbia Steel Co., Russ Bldg., San Francisco, was awarded contract by U. S. Engr., under Bid No. 1105-38-94, for steel sheet piling delivered (A) to government job sites in vicinity of Los Feliz bridge and Hyperion bridge over Los Angeles River, and (B) alternate, to railroad cars at contractor's mill for shipment on government bill of lading. Circ. Prop. 54. The items are:

- LOT I**  
(1) 334 pcs. 15-ft. long (1803.6 cwt.);
- LOT II**  
(1) 380 pcs. 12-ft. long (1641.6 cwt.);  
(2) 358 pcs. 15-ft. long (1933.2 cwt.);  
(3) 10 corners 12-ft. long, for use with above sections (36.84 cwt.), fingers turned in;  
(4) 10 corners 12-ft. long, for use with above sections (36.84 cwt.), fingers turned out.

Identical bids were submitted at: Lot I (1) \$3.72 cwt; Lot II (1) and (2) \$3.72 cwt; (3) and (4) \$4.47 deliv to job site by: Bethlehem Steel Co., Bethlehem, Pa., shipping from Lackawanna and Buffalo, N. Y. (allow \$1.17 cwt freight allowance if shipped on government bill of lading); Columbia Steel Co. (allow \$1.02 cwt from Chicago and \$1.17 from Pittsburgh if shipped on government bill of lading); Inland Steel Co., Chicago, Ill. (freight allowed if shipped on government bill of lading from Indian Harbor, Ind.). All disc ¼ of 1% on basing point value of \$2.70 cwt for Lot I and items 1 and 2 of Lot II and on basing point value of \$3.47 cwt for items 3 and 4 of Lot II. All firms offered to equalize freight rates.

#### BIDS WANTED

**SAN FRANCISCO.**—Until Oct. 15, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1915, for furnishing 16,000 feet of angle conductor No. 8 A.W.G. solid copper wire, insulated for 5000 volts. Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**SAN FRANCISCO.**—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at \$362.53 net, submitted only bid to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-41, for furnishing misc. pipe and fittings; f.o.b. Yerba Buena Island.

#### BIDS OPENED

**SAN FRANCISCO.**—Herrick Iron Works, 1927 Campbell St., Oakland, at \$1754.00, submitted low bid to the U. S. Engineer's Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-36, for furnishing one lot gaskets, lower bolt pipes, upper bolt angle assemblies with anchors, and pipe for eight doors and doors, f.o.b. Fort Funston.

Total bids follow:

Herrick Iron Works, 1927 Campbell St., Oakland—\$1754 net.

Adams Schilling & Sons, San Francisco—\$1797.95 net.

Moore Dry Dock Co., Oakland—\$2025 net.

Schrader Iron Works, Inc., San Francisco—\$2500 net.

Pacific Coast Engineering Co., Inc., Oakland—\$2660 ¼% 10 days.

Star Ornamentals Iron Works, San Francisco—\$2766 net.

**BIDS OPENED**

**LOS ANGELES, Calif.**—California Corrugated Culvert Co., Fifth and Irker Streets, Berkeley, at \$3,659.75, 10 days, submitted low bid to Los Angeles County Purchasing agent, under Bid No. 5109, for furnishing 210-in. half round multi-plate riveted corrugated metal culvert, 1 1/2 in. in length, 1 ga. Western Pipe & Steel Co., San Francisco, at \$3,668.25, 1/2 10 days, submitted only other bid.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Oct. 11 P. M., bids will be received by U. S. Engineer, Los Angeles, for Douglas fir or southern yellow pine, creosoted, delivered to Los Feliz bridge over Los Angeles river and/or for contractor's mill or treating plant for shipment on government bill of lading. The items are:

- 1) 11.20 MFMB (120 pcs.) 8x10-in. x 14-ft.;
  - 2) 8.96 MFMB (120 pcs.) 8x8-in. x 14-ft.;
  - 3) 33.70 MFMB (600 pcs.) 3x8-in. x 28-ft.;
  - 4) .56 MFMB (30 pcs.) 2x8-in. x 14-ft.;
- Circ. Prop. 67.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—California Corrugated Culvert Co., Fifth and Parker Streets, Berkeley, at \$568.20, 1/2 10 days; f.o.b. Berkeley, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5195, for furnishing corrugated metal pipe culvert.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-47, for furnishing eight ventilator shafts with elbows and four ventilator screens; fob Fort Funston: Ferry Sheet Metal Works, Inc.,

San Francisco, \$156.  
Ace Sheet Metal Works, S. F., 218 Atlas Bldg. & Vent. Co., Ltd., S. F. 389  
Lewis Sheet Metal Works, San Francisco, submitted a bid of \$150.00 for eight ventilator shafts with elbows.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Oct. 14, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for furnishing cast iron pipe and fittings for the Sacramento Water Department.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Oct. 14, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for furnishing gate valves for the Sacramento City Water Department. Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Oct. 6, 12 M., bids will be received by Los Angeles County Purchasing Agent for premix rock and oil delivered as follows:

- (1) 612 tons delivered to Lexington Road between Whittier Blvd. and Gallatin Road;
- (2) 2160 tons delivered to Hacienda Blvd. near Pomona

Quot. 5173.

**BIDS OPENED**

**LOS ANGELES, Calif.**—The following submitted identical bids at \$1,047.91, 2% 30 days, to the U. S. Engineer, Los Angeles, for machine bits, above bits, cap screws, hose clamps, cable clips, hose and pipe couplings, molasses gates, ruby lantern globes, slide and grab hooks, bolt cutter jaws, chain repair links, hose menders, nuts, cotter pins and acid core wire solder, delivered to 550 Western Blvd., Circ. Prop. 57. Harper & Reynolds, Union Hdwe. & Metal Co., Hoffman Hdwe. Co., Ducommun Metals and Supply Co., California Hdwe. Co. and American Whse. Hdwe. Co. Almqvist Bros. & Viets submitted partial bid.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-40, for furnishing steel pipe, gate valves, couplings, etc.; fob Yerba Buena Island: Montague Pipe & Steel Co., San Francisco, \$5089.92; net. Western Pipe & Steel Co. of California San Francisco, \$5177.29 net; 20 days delivery. California Corrugated Culvert Co., Berkeley, \$5,483.29; 1/2 10 days; 20 days delivery. Pacific Coast Eng. Co., Inc., Oakland; \$5816.80; 1/2 10 days; 20 days delivery.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted identical bids at \$3900.49, 1% base price, 6 days delivery, to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-44, for furnishing reinforced steel of various sizes; fob Fort Funston: Gunn, Carle & Co., San Francisco; Gilmore Steel & Supply Co., Inc., San Francisco; George E. Borman Steel Co., Oakland; Herrick Iron Works, Oakland, and Columbia Steel Co., San Francisco.

Bethlehem Steel Co., San Francisco submitted a bid of \$3,023.39.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Oct. 15, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1914, for furnishing engineers' supplies for the school department.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**BREMERTON, Wash.**—Ingalls Iron Works, 240 Montgomery Street, San Francisco, at \$75,000.00 was awarded contract by the Supply Officer, Navy Yard, Bremerton, under Spec. 164-ERN for furnishing 900 tons of structural steel for the Naval Air Station, Bremerton.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—E. K. Wood Lumber Co., 1 Drumm St., San Francisco, at \$367.71, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5188, for furnishing miscellaneous frame lumber; f.o.b. Oakland.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Oct. 5, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 75,000 cu ft. acetylene and 150,000 cu ft. oxygen, delivered to job sites in Los Angeles County Drainage District. Circ. Prop. 64.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Northern California Hardware and Steel Co., 140 Howard St., San Francisco, at \$465.74, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5189, for furnishing roofing (corrug. galv. steel sheet), ridge roll and sheet metal; f.o.b. San Francisco.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Oct. 11, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-93, for furnishing and delivering 2000 tons of riprap stone dumped as directed along the riverward toe of a 2400-ft. stretch of levee at the Sartain Ranch, 6 miles north of Colusa, on the Sacramento River.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until Oct. 8, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 84-in. diam. reinforced concrete pipe, double medium reinforced delivered to Alhambra Road and Lorain Road, San Gabriel; Circ. Prop. 63. The items are:

- (1) 40-ft. sections with one end of each section beveled for a curve of approximately 35-ft. radius (3 sections);
- (2) 105 ft. straight sections (21 sections).

**CONTRACT AWARDED**

**WASHINGTON, D. C.**—Weatinghouse Elec. & Mfg. Co., at \$697,366, has been awarded contract by the Department of Commerce for furnishing and installing radio equipment for 44 new vertical radiator simultaneous transmission type radio beam and communication stations in connection with the department's \$35,000,000 airways improvement program. Two of the stations will be located in Riverside County—River-side and Indio.

**BIDS OPENED**

**SAN FRANCISCO.**—The following submitted bids to the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-38, for furnishing Douglas fir lumber, fob bidder's shipping point: Twin Harbor Lumber Co., Seattle; \$1,071.22, 2% 10 days; 20 days delivery; fob Eugene, Ore.

Cascade Cargo Sales Corp., Seattle; \$1,128.22, 2% 10 days; fob Buwood, Wash.

Smith Lumber Co., San Francisco; \$1,273.24, 2% 10 days; fob Eugene.

Humphrey Lumber Co., Oakland, \$1,277.00, 2% 20 days; 1% 30 days, fob Cottage Grove, Ore. or vicinity of Cottage Grove.

J. F. Sharp Lumber Co., Seattle; \$1,512.66, 2% 10 days; 1% 20 days; fob Corvallis, Dalles City, Cottage Grove, Oregon.

Loop Lumber Co., San Francisco; fob Eugene, Oregon \$2,273.65; 1% 30 days; 1 day delivery;

Give tellurium cable a trial on any of your portable equipment. It's really tough stuff and will give you the best of service. See your G-E jobber, or address nearest G-E sales office, General Electric, Schenectady, N. Y.



# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers and Sewage Equipment
24.—St. Light, Sights	33.—Water Works
25.—Machinery and Equipment	34.—Pipes & Pipe Grounds
27.—Railroads	35.—Tunnels
28.—Fire Alarm Syst.	
29.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

### CONTRACT AWARDED

**SANTA CLARA CO., Calif.**—Geo. Renz, 555 5th St., Gilroy, at \$8,760, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the construction of a reinforced concrete bridge on the Willow Springs Road, over the Llagas Creek, Supervisors' District No. 1, Santa Clara County.

Total bids follow:

George Renz, 555 5th St., Gilroy	\$8,760.00
Collins & Martin, San Jose	8,831.00
A. J. Ralsch	8,934.00
Carl N. Swenson Co.	9,131.00
Dan Caputo	9,667.00
Lewis & Clark, Oakland	11,338.00
Valley Constr. Co., San Jose	13,720.00

### BIDS OPENED

**SACRAMENTO CO., Calif.**—M. A. Jenkins, 3560 Y St., Sacramento, at \$7,928, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B St., Marysville, for repairing a bridge by removing existing deck and replacing pre-cast lightweight concrete slabs and Class A Portland cement concrete, across the Sacramento River at Paintersville.

Work involves:

- 1) 1 lot existing bridge decking to be removed;
- 2) 40,000 lbs. reinforcing steel;
- 3) 133 c y. Class A Portland cement concrete;
- 4) 52 c y. lightweight concrete (pre-cast slabs);
- 5) 2,000 lbs. structural steel;
- 6) 1,172 lf. timber wheel guard.

Total bids follow:

A. M. A. Jenkins, 3560 Y St., Sacramento	\$7,928.00
B. Wm. D. Bates, San Francisco	12,954.20

Unit prices follow:

	(A)	(B)
1.	\$500.00	\$840.00
2.	.05	.06
3.	22.00	35.00
4.	33.00	78.00
5.	.10	.15
6.	.50	.60

### BIDS OPENED

**SACRAMENTO CO., Calif.**—John C. O'Leary, 145 Hancock St., San Francisco, at \$1,120.26, submitted low bid to the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House, Sacramento, for the lengthening of the timber and concrete bridge over Linda Creek on Indiana Avenue.

Work involves:

- 1) Lump sum, for the tearing out of

- old abutments and footings, raising the deck, etc.;
- 2) 70 c y. Class A, 6-sack concrete in place in the structure;
- 3) 5,700 lbs. reinf. steel in place in the concrete in structure;
- 4) 3,600 MFBM furnish only redwood posts, a cap, wales and cross bracing;
- 5) 4,200 MFBM placing do.;
- 6) 5,782 MFBM furnishing and placing redwood stringers, scabs and bridging;
- 7) 5,280 MFBM furnishing and placing laminated flooring;
- 8) 1,715 MFBM furnishing and placing rail material, incl. all painting;
- 9) 300 c y. excavation and necessary backfill.

Total bids follow:

(A) John C. O'Leary, 145 Hancock St., S. F.	\$1,120.26
(B) P. F. Bender, Sacramento	4,340.06

Unit prices follow:

	(A)	(B)
1(1).....	\$400.00	\$550.00
2(2).....	15.00	19.00
3(3).....	.055	.055
4(4).....	62.00	70.00
5(5).....	52.00	35.00
6(6).....	91.00	92.00
7(7).....	91.00	95.50
8(8).....	180.00	150.00
9(9).....	2.00	1.50

### BIDS OPENED

**SACRAMENTO COUNTY, Cal.**—P. F. Bender, 1012 Del Paso Blvd., North Sacramento, at \$4,644.60 submitted the low bid to Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for repairing the Natomas Treatle, Sacramento County.

Total bids follow:

P. F. Bender, 1012 Del Paso Blvd., North Sac.	\$4,644.60
John C. O'Leary, S. F.	6,090.60
M.J.B. Const. Co., Stockton	8,698.00

### CONTRACT AWARDED

**MARIN CO., Calif.**—Macco Constr. Co., 815 Paramount Blvd., Clearwater, at \$40,208, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for repairing two bridges four mi. north of Sausalito, one across Richardson Bay and tracks of Northwestern Pacific Railway, and one across Northwestern Pacific Railway tracks near Alto.

### CONTRACT AWARDED

**BUTTE CO., Calif.**—M. A. Jenkins, 3560 "Y" St., Sacramento, at \$24,295.50, was awarded contract by the State Division of Highways, C. H. Purcell,

State Highway Engineer, Public Works Bldg., Sacramento, for repairing the bridge over Feather River, one mile west of Oroville, and grading and surfacing approximately 0.09 mile of roadway.

### CONTRACT AWARDED

**VENTURA, Calif.**—R. R. Bishop, 5017 E. Broadway, Loog Beach, at \$9,785, submitted low bid and was awarded contract by County Clerk, L. E. Hallowell, Ventura, for construction of Wheeler Canyon bridge No. 3 and No. 4 on Eliseo Rd., Ventura County; Bid No. 998.

Work involves:

- 1) 278 c y. class A concrete;
  - 2) 27,100 lbs. reinf. steel;
  - 3) 1200 ft. b.m. misc. lumber.
- Structures will be 24 x 30 ft. of reinforced concrete construction.

Total bids follow:

R. R. Bishop, 5017 E. Broadway, Loog Beach—\$9,795.	
Hanse & Izer, Ventura—\$9,857.	
Macco Constr. Co., Clearwater—\$9,900.	
Thorsten & Dahl, Los Angeles—\$9,965.	
Fillmore Concrete Pipe Works—\$10,000.	
Torsion Constr. Co.—\$10,418.	
Oscar Oberg, Los Angeles—\$11,148.88.	
Rexroth & Rexroth, Bakersfield—\$11,700.	
Valley Constr. Co., San Jose—\$13,581.	
V. R. Dennis Constr. Co., San Diego—\$14,818.	

### BIDS WANTED

**LOS ANGELES COUNTY, Calif.**—Until October 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for widening bridges across Zuma Creek and Trancas Creek at points about 17 and 18 miles north of Santa Monica, Los Angeles Co.

Work involves:

- 1) 1,500 c y. struc. excav.;
  - 2) 162,000 lbs. bar reinf. steel;
  - 3) 1,065 c y. Class A Portland cement conc. struc.;
  - 4) 29 c y. Class A do. railing;
  - 5) 2,205 lbs. cast steel rockers and bearings;
  - 6) 474 lf. temporary timber railing;
  - 7) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

### BIDS WANTED

**SUTTER COUNTY, Calif.**—Until October 27, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge, consisting of one 5-ft. 6-in. span, one 7-ft 6-in. span, twenty-two 15-ft. 0-in. spans and one hundred seventy-two 22-ft. 0-in. spans on concrete pile bents, across Sutter By-Pass, 12 miles west of Yuba City, Sutter Co.

Work involves:

- 1) 1 lot clear and grub.;
  - 2) 150 c y. struc. excav.;
  - 3) 1,125,000 lbs. bar reinf. steel;
  - 4) 5,050 c y. Class A Portland cement concrete;
  - 5) 22,500 lbs. misc. steel;
  - 6) 8,300 lf. timber railing;
  - 7) 1 lot misc. items of work;
- Alternative Items—Alternative "A"  
8) 24,080 lf. furnish precast concrete piles, standard spec. type;

## Capital City Title Company

•

JAMES E. BANCROFT

Manager

•

801 J Street  
Sacramento • Calif. via

- (9) 602 each driving precast do;
- Alternative "B"
- (10) 24,080 l.f. furnish precast concrete piles, centrifugally spun type;
- (11) 602 each driving precast do;
- Alternative "C"
- (12) 24,080 l.f. furnish concrete piles cast in place, type not requiring mandrel;
- (13) 602 each driving steel shells, type not requiring mandrel;
- Alternative "D"
- (14) 24,080 l.f. furnish concrete piles, cast in place mandrel type;
- (15) 602 each driving steel sheila, mandrel type.

NOTE: A bidder is required to submit a bid on one alternative, and may, but is not required to submit bids on all alternatives.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**LOS ANGELES COUNTY, Calif.**—As previously reported, until Oct. 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer State Bldg., Los Angeles, for widening bridges across Zuma Creek and Transverse at Santa Monica 17 and 18 miles north of Santa Monica, Los Angeles County.

- Work Involves:
- (1) 110 c.y. existing concrete removed and disposed of;
  - (2) 1,500 c.y. struc. excav.;
  - (3) 12,000 lbs. bar reinf. steel;
  - (4) 1,085 c.y. Class A Portland cement concrete, struc.;
  - (5) 29 c.y. Class A do, railing;
  - (6) 2,205 lbs. cast steel rockers and bearings;
  - (7) 474 l.f. temporary timber railing;
  - (8) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SAN MATEO COUNTY, Cal.**—Carl N. Swenson Co., 355 Stockton Street, San Jose, at \$20,319.25 submitted low bid and awarded contract by the San Mateo County Board of Supervisors, E. B. Hinman, County Clerk, Court House, Redwood City, for the construction of a 140-ft. reinforced concrete bridge and grading road approaches on the Pescadero Road, three miles west of San Mateo County Memorial Park.

- Work Involves:
- (1) 530 c.y. struc. excav. above elevation 50;
  - (2) 50 c.y. struc. excav. below do;
  - (3) 1280 l.f. furnishing Douglas fir piling;
  - (4) 1280 l.f. driving do;
  - (5) 98,000 lbs. reinf. steel, in place;
  - (6) 140 c.y. Class A Portland cement concrete, in place;
  - (7) 225 c.y. Class D do;
  - (8) lump sum, clearing and grubbing right of way, 60-ft. wide;
  - (9) 150 c.y. riprap.
- Total bids follow:
- (A) Carl N. Swenson Co., 355 Stockton St., San Jose, \$20,319.25.
  - (B) Palo Alto Road Materials Co., Palo Alto, \$21,606.65.
  - (C) James B. Allen, San Carlos, \$21-732.20.
  - (D) A. Mattson, San Bruno, \$22,592.80
  - (E) Bodenhammer Const. Co., Oakland \$25,640.00.

Following are the unit prices of Carl N. Swenson:

(1)..... \$ 4.70	(2)..... \$ 4.50
(3)..... .40	(4)..... .60
(5)..... .06	(6)..... 24.55
(7)..... 25.25	(8)..... 500.00
(9)..... 5.50	

**23— CANALS**

**CONTRACT AWARDED**

**BOISE PROJECT, Idaho**—J. A. Terteling & Sons, Boise, Idaho, at

\$71,768, was awarded contract by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Boise, Idaho, under Spec. No. 745, for the construction of earthwork and structures, Black Canyon Canal, Station 1250 to Station 1530, Payette Division, Boise Project, Idaho.

**25— MACHINERY AND EQUIPMENT**

**CONTRACT AWARDED**

**CONCHAS DAM, N. Mex.**—Martin Wunderlich Co., Jefferson City, Mo., at \$6.83 per hour, was awarded contract by the U. S. Engineer, Conchas Dam, N. Mex., under Bid No. W 911-38-36, for the rental of one earth-moving unit, tractor and scraper, for use on Conchas Dam, for 150 to 500 hours.

Other bids were:

- L. R. Allison, Albuquerque, N. M.—\$10.95 per hour; net.
- W. T. Bookout, Las Vegas, N. M.—\$11.98 per hour; net.

**CONTRACT AWARDED**

**YOSEMITE NATIONAL PARK.**—Sam Bates Co., at \$97.50 per month, was awarded contract by the Yosemite National Park, Lawrence C. Marriam, Acting Superintendent, Yosemite National Park, under Bid No. 112, for rental for 6 months of one electrically operated double-drum hoist; f.o.b. West Portal, Big Oak Flat Road Tunnel.

**BIDS WANTED**

**BERKELEY, Alameda Co., Calif.**—Until Oct. 13, 11 A. M., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing eight Reliance trailers and 8 trucks. Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**BAKERSFIELD, Kern Co., Calif.**—Dual Parking Meter Co., Oklahoma City, Okla., at \$53.50 per meter (type 2E automatic) submitted only bid to the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, Bakersfield, for furnishing and installing not less than 125 and not more than 160 parking meters in Bakersfield. Bid taken under advisement.

**BIDS WANTED**

**BONNEVILLE PROJECT.**—Until October 26, 3 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-28-133, for fabricating and delivering fish lifts gates and miscellaneous steel for use on the Bonneville Project, Bonneville, Oregon. Alternative A f.o.b. shipping point; Alternative B f.o.b. Bonneville, Oregon, or North Bonneville, Wash.

Work Involves:

**SCHEDULE I:**

- (1) 6 each, exit closure gates, fish lifts;
- (2) 6 each, entrance closure gates, fish lifts;
- (3) 24 each, 3-ft. exit segmental gates sections, fish lifts;
- (4) 6 5-ft. exit segmental gates sections, fish lifts;
- (5) 42 each, entrance segmental gates sections, fish lifts;
- (6) 6 each, bottom sections entrance segmental gates, fish lifts;

**SCHEDULE II:**

- (1) One each, radial gate power house, fish lift;
- (2) Two emergency gates, 5 ft. 5 in. by 4 ft 5 in. power house, fish lifts;
- (3) 120 stop logs power house, fish lifts intake structure, S.L. 28;

- (10) One job 4 ft. by 10 ft. steel barrier, power house fish lifts, collection channel water supply;

**SCHEDULE III:**

- (11) 2 elevator frames complete for Washington shore fish lifts;
- (12) 2 elevator frames complete for Oregon shore fish lifts;
- (13) 2 elevator frames complete for power house fish lifts;

**SCHEDULE IV:**

- (14) 25 trash racks, power house fish lifts intake structure;
- (15) 60 wire cloth screens, power house fish lifts intake structure;

**SCHEDULE V:**

- (16) One job wall supports and beams for cover plates, power house fish lifts, dock radial gate pits, El. 85.0;
- (17) One job, steel gratings complete, for power house fish lift, El. 85.0; supply water wells;
- (18) 4 each, removable decking, complete, power house fish lift at El. 85.0;
- (19) 4 removable walkways complete for the Washington shore lifts;
- (20) 4 removable walkways complete for the Bradford Island fish lifts;
- (21) One job, guide rails and seal angles fish guide, Washington shore fish lifts;
- (22) One job, guides and seal angles complete, Bradford Island fish lifts;
- (23) One job, guides and seal angles complete, power house fish lift;
- (24) One job, trap, power house fish lifts collection channel;
- (25) One job, steel ladders and landing platforms, power house fish lift;
- (26) One job, walkways at El. 50.0 and covers at El. 55.0, power house fish lifts.

Plans and specifications may be obtained from the above office upon deposit of \$10.

**COMPLETE BIDS**

**LOS ANGELES, Cal.**—Commercial Iron Works, 412 SE Stephens Street, Portland, Oregon, at \$24,318.80 submitted low bid to the Metropolitan Water District, 406 W Third St., Los Angeles, for furnishing eight slide gate assemblies complete and ready for installation and use in the valve structures of San Gabriel Canyon crossing and Eagle Rock Canyon crossing of the Upper Feeder line of the Colorado River Aqueduct distribution system. Each of the slide gate assemblies includes a cast iron gate frame with anchor bolts and gate leaf guides; a cast iron gate leaf with seam lug, a sectional steel stem with couplings, stem guides and anchor bolts, and a screw hoist with electrical operating and control equipment; together with all necessary appurtenances.

Total bids follow:

- Commercial Iron Works, Portland, Ore.: (1) \$289,45; \$8692.35; (2) \$2954.15; \$8862.45; (3) \$3382, \$6764; use tax to be added if applicable. Grand total, \$24,318.80. Shipping weights: (1) 29,100 lbs. (2) 21,600 lbs. (3) 24,600 lbs. Delivery Portland, Disc. 1/2 of 1% 10 days.
- Koppers Co., Ft. Wayne, Ind.: (1) \$3150, \$9450; (2) \$2870, \$8610; (3) \$3,225, \$6450; use tax, \$735.30. Grand total, \$25,245.30. Shipping weights: (1) 36,995 lbs. (2) 31,235 lbs. (3) 26,100 lbs. Delivery, Ft. Wayne, Ind. Discount, 1/2 of 1% 20 days.
- Joshua Hendy Iron Works, San Francisco: (1) \$2333.33, \$10,000; (2) \$3015, \$9045; (3) \$3185, \$6370; no use tax. Grand total, \$25,415. Shipping weights: (1) 30,730 lbs.; (2) 25,225 lbs.; (3) 19,460 lbs. Delivery, Sunnyvale, Calif. No discount.
- Consolidated Steel Corp., Los Angeles: (1) \$3817, \$11,451; (2) \$3354

\$10,002; (3) \$3580.50, \$7161; use tax, none. Grand total, \$25,874. Shipping weights: (1) 26,900 lbs.; (2) 30,900 lbs.; (3) 24,700 lbs. Delivery, Los Angeles. No use tax. No discount.

Vernon Tool Co.: (1) \$4067.50, \$12,202.50; (2) \$3643, \$10,929; (3) \$3643, \$7286; no use tax. Grand total, \$30,147.50. Shipping weights: (1) 40,500 lbs.; (2) 34,500 lbs.; (3) 28,000 lbs. Delivery, Los Angeles. No discount.

#### BIDS OPENED

LOS ANGELES, Calif.—Morrison-Knudsen Co., 411 W 5th St., at \$99,850 submitted low bid to U. S. Engineer, Los Angeles, for rental of walking dragline equipped with 160-ft. boom and 8- and 10-yd. capacity buckets for excavation of 115,000 c.y. of material from Ballona Creek at its entrance into the Pacific Ocean, and 285,000 c.y. material at Hansen retarding basin site, 3 mi. SE of San Fernando. Circ. Prop. 56.

The unit bids were:

Cost of moving dragline to job site at Ballona Creek, \$3,000.

Rental of dragline for work at Ballona Creek for 20 days, \$250 day.

Cost of moving dragline from Ballona Creek to job site at Hansen retarding basin, \$22,900.

Rental of dragline for work at Hansen retarding basin for 55 days, \$250 day.

Operation cost for work at both job sites, \$10 hour. Total \$59,650.

#### BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-85, for the use of a barge, not less than 24-ft. beam and 70-ft. length and not less than 4 ft. nor more than 7 ft. depth, to be used for 60 days.

Total bids follow:

	Per Day	Ttl.
C. A. Lauritzen, Antioch	\$5.00	\$300
P. A. Hart, Sacramento	5.00	300
A. T. Johnston	6.00	360
S. F. Bridge Co., S. F.	11.50	690
Lee A. Philipps, Inc.	14.90	894
P. B. Hackley Eght. Co., Sacramento	(Mo.) 220.00	440

#### BIDS REJECTED

SAN FRANCISCO.—The Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 700 Market St., San Francisco, rejected all bids and will ask for new bids shortly, under Bid No. 1174, for blower type heating units; f.o.b. shipping point and/or Susanville. \* 25

#### BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the U. S. Engineer Los Angeles, for rental of construction equipment for 12 months for use at Hansen Retarding Basin, under Circ. Prop. 58. The items are:

- (1) Two 4 $\frac{1}{2}$ -c.y. electric tractor mounted shovels equipped for conversion to draglines; 24 mo.;
- (2) One 3 $\frac{1}{4}$ -c.y. tractor mounted shovel; 12 mo.;
- (3) Two 2 $\frac{1}{2}$ -c.y. tractor mounted shovels, equipped for conversion to draglines; 24 mo.;
- (4) Five 20-c.y. dump trucks; 60 mo.;
- (5) Twenty-one 24-c.y. dump trucks; 252 mo.;
- (6) Twelve 6-c.y. dump trucks; 144 mo.;
- (7) Four 95-hp. tractors, equipped with bulldozers; 48 mo.;
- (8) One 95-hp. tractor, without bulldozer; 12 mo.;
- (9) Eleven 75-hp. tractors, equipped with bulldozers; 132 mo.;
- (10) Five dual assembly sheepsfoot

rollers, weight not less than 28,000 lbs. ea.; empty; 60 mo.;

- (11) One single sheepsfoot roller, wt. not less than 3,000 lbs. empty; 12 mo.;
- (12) One dual assembly sheepsfoot roller, weight not less than 6000 lbs. empty; 12 mo.;
- (13) Two 10-in. centrifugal pumps, capacity not less than 2,250 g. p. m. at 500 ft. head, complete with shaft, pipe and all electric equipment; 24 mo.;
- (14) One 50-passenger bus; 12 mo.;
- (15) One 7-ton capacity truck crane; 12 mo.;
- (16) One truck mounted, electric motor driven, 400-amp. electric welder; 12 mo.;
- (17) One truck mounted, gas engine motor driven, 300-amp. electric welder; 12 mo.;
- (18) Two road patrol graders, equipped with 12-ft. blade; 2 mo.;
- (19) Six 360-cu. ft. portable air compressors; 72 mo.;
- (20) One machine shop and garage building, with equipment; 12 mo.;

NOTE: Unit of "month" shall mean per piece of equipment. Machine shop and garage to be 40 x 280 ft., with the following equipment:

- 1—Motor driven 20-in. quick change lathe;
- 1—Motor driven pedestal grinder with mandrel for two 12-in. wheels;
- 1—Motor driven bolt threading machine;
- 1—Motor driven forging hammer;
- 1—Motor driven air compressor, size 12 by 12 in., with air receiver;
- 1—Motor driven 1,000-lb. capacity overhead hoist, with rail approximately 60 ft. in length;
- 1—Motor driven 1000-lb. capacity overhead hoist, with rail approximately 18 ft. in length;
- 1—Motor driven 6-in. power hack saw;
- 1—Motor driven vertical hydraulic press, size limits approx. 44 in. by 60 in.;
- 1—Motor driven 16-in. shaper fitted with double screw shaper vise and shaper tools;
- 1—Motor driven air compressor, for auto tires, size approx. 7.6 in. by 6 in.;
- 1—Motor driven overhead traveling crane, capacity approx. 2 $\frac{1}{2}$  tons in center of cross beam, length of cross beam approx. 39 ft., lengthwise travel approx. 280 ft., crane to be fitted with 6-ton capacity chain fall block;

- 1—75-ton jack;
- 2—50-ton jacks;
- 2—15-ton jacks

All other miscellaneous tools, including power greasing and cleaning equipment, necessary to fully equip a complete machine shop capable of servicing and repairing the items of equipment noted herein.

Award will be made as a whole or to one bidder.

Total bids follow:

F. B. Hart, Sacramento: (4 and (6) \$5400; no total.  
Pacific Crane & Rigging Co., Los Angeles: (3) one only, \$1000 month; (15) \$625 month; (17) \$150.

Lewis Const. Co. and Bodenhamer Const. Co., Los Angeles: (Item 4, 25 c.y. dump trucks, item 5 same), \$729,740 on 12-mo. basis. Unit bids were (1) \$4600 (2) \$2000 (3) \$2150 (4) \$925 (5) \$925 (6) \$300 (7) \$850 (8) \$600 (9) \$500 (10) \$250 (11) \$40 (12) \$60 (13) \$525 (14) \$725 (15) \$300 (16) \$100 (17) \$120 (18) \$220 (19) \$250 (20) \$4000; disc. : of 17 1/2 days.

West Slope Const. Co.: total, \$307,000 No unit prices shown. First mo. \$65,000; 11 succeeding mos., \$22,000

Frank H. Koley, San Pedro: (6) \$500 month; (4) \$200 month; (17) \$150 month.

J. P. Holland, Jr., San Francisco: (3) \$2000 month; (8) \$500 month; (7) \$650 month; (8) \$650 month; (9) \$850 (11) \$35 month; (12) \$65 month; (15) \$650; (16) \$50 (17) \$85 (18) \$400 (19) \$350.

D. McDonald, Sacramento: (7) \$534 month; (6) \$534; (9) \$534; (18) \$450.  
Southwest Welding & Mfg. Co., Alhambra: (10) \$275 month; (11) \$40 (12) \$75.

October 7, 1937

#### BIDS OPENED

ALAMEDA, Alameda Co., Calif.—General Motors Truck and Coach Co., 1750 E 12th St., Oakland, at \$1238.53 submitted low bid to the Alameda City Council, City Clerk, City Hall, for furnishing one steel body dump truck.

Total bids follow:

General Motors Truck & Coach Co., 1750 East 12th St., Oakland	\$1238.53
Hoppert & Bergesen, Alameda	1300.00
Dietz Motor Co., Oakland	1300.00
Westmore Chevrolet Co., Alameda	1268.40
and	1318.40
Bean & Kavanaugh	1436.52
F. H. Daley Motor Co.	1570.49
H. B. Fredericks Co., Oakland	1680.98

#### BIDS WANTED

SAN FRANCISCO.—Until Oct. 15, 3 p. m. bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1912, for furnishing a power boat for the San Francisco Airport.

Plans and specifications may be obtained from the above office.

#### LOW BIDDER

CONCHAS DAM, N. Mex.—Martin Wunderlich Co., Jefferson City, Mo., at \$6.83 per hour, submitted the low bid to the U. S. Engineer, Conchas Dam, N. Mex., for the rental of one earth moving unit, tractor and scraper, for use on Conchas Dam, for 150 to 500 hours.

#### BIDS OPENED

BONNEVILLE, Ore.—Until Oct. 29, 3 P. M., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-132, for furnishing one gate control equipment complete. Alternative "A" for bidder's shipping point; Alternative "B" for Bonneville.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

FORT MASON, Calif.—The following submitted bids to the Purchasing and Contracting Office, Major D. Groves, Quartermaster Corps, Fort Mason, San Francisco, under Bid No. 928-38-89, for marine motors, 25-40 hp., direct drive, 1100 r.p.m. at 32 hp.; delivered to Dock No. 2, Fort Mason:

Bardman & Flower, San Francisco—\$765, 2% 10 days, 15% 20 days, 10% 30 days.  
Hall Scott Motor Car Co., Berkeley—\$87.90, net.

B. H. Hehgen Co., Ltd., San Francisco—\$484, 2% 20 days.

George W. Kneass Co., San Francisco—\$650, net.  
John G. Rapp—\$420, \$388, \$560; 2% 20 days.

Scripts Motor Co., Detroit, Mich.—\$533.18, net.

Thomson Machine Works, San Francisco—\$532, \$484; 2% 10 days; 1% 20 days.

#### CONTRACT AWARDED

PHOENIX, Ariz.—General Mchy. Corp., Hamilton, Ohio, at \$420,000 has

been awarded the contract by the Salt River Valley Water Users Assn. for furnishing and installing a 5000-kilowatt Diesel generator for the new electric power plant to be located on the site of the old pumping station near the Tempe bridge.

**BIDS OPENED**

**BONNEVILLE, Ore.**—The following submitted identical bids at \$9,354.50 (Item 1), \$22.00 (Item 2), and \$125 (Item 3), to the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-97, for fire protection equipment at Bonneville, Ore. Alternate "A" f.o.b. shipping point; Alt. "B" f.o.b. Bonneville.

Work involves:  
 (1) 1 carbon dioxide fire protection system, for two 48,000 Kv-a generators, three transformer vaults and one oil storage room and appurtenant parts;

**EXTRAS:**  
 (2) Services of erecting engineer, if required;

(3) 50-lb. cylinders filled with carbon dioxide, complete with discharge head flexible connection and all apparatus, equipment and materials necessary for installing as an addition to Item 1.

Total bids follow:  
 Walter Kidde & Co., Inc., New York, N. Y.  
 National Foam System, Inc., Philadelphia, Pa.  
 C-O-Two Fire Equipment Co., Newark, N. J.  
 Fyr-Freeze, Inc., Bloomfield, N. J.  
 The Fyr Fyter Co., Dayton, Ohio.

**CONTRACT AWARDED**

**BONNEVILLE, Ore.**—The Converse Co., Inc., 405 Exchange Bldg., Seattle, Wash., at \$15,300, was awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-31, for the installation of a recording annunciator system in the Bonneville power house, Bonneville, Ore.

**LOW BIDDERS**

**LOS ANGELES, Cal.**—Commercial Iron Works, 412 SE Stephens Street, Portland, Oregon, at \$24,318.80 (plus use tax if applicable) submitted bids to the Metropolitan Water District, 406 W. Third St., Los Angeles, for furnishing eight slide gate assemblies complete and ready for installation and use in the valve structures of San Gabriel Canyon crossing and Eagle Rock Canyon crossing of the Upper Feather line of the Colorado River Aqueduct distribution system. Each of the slide gate assemblies includes a cast iron gate frame with anchor bolts and gate leaf guides; a cast iron gate leaf and sectional steel stem with couplings, stem guides and anchor bolts, and a screw hoist with electrical operating and control equipment; together with all necessary appurtenances.

Total bids follow:  
 Commercial Iron Works, 412 SE Stephens St., Portland, (plus use tax if applicable) \$24,318.80.  
 Koppers Co., Ft. Wayne, Indiana (including use tax of \$735.30) \$25,245.00.  
 Joshua Heady Iron Works, San Francisco (no use tax) \$25,415.00.

**BIDS OPENED**

**SAN LUIS OBISPO CO., Calif.**—Roy A. Barry, 755 Sadler St., Los Angeles, at \$2.08 per hour (1) and \$4.45 per hour (2) and H. C. Daless, Box 465, San Luis Obispo, at \$4.45 per hour (2), submitted low bid to the State Division of Highways, District V, 50 Higuera St., San Luis Obispo, for the rental of (1) four 3-cy. dump trucks and (2) one 1/2-cy.

power shovel for a period of 20 to 30 days for use on the California Polytechnic School Campus, San Luis Obispo County.

Total bids follow:  
 Roy A. Barry, 755 Sadler St., Los Angeles—(1) \$2.08, (2) \$4.45.

H. C. Daless, Box 465, San Luis Obispo—(1) ———, (2) \$4.45.

The Price Co., Santa Monica—(1) \$2.09, (2) \$5.45.

Harry I. Hagan, San Pedro—(1) \$2.18, (2) \$4.50.

Rock & Gravel Truck Co., Oakland—(1) \$2.33, (2) \$5.00.

La-Marr Dum Truck Service, Pasadena—(1) \$2.43, (2) ———.

Nick Vlach, Los Angeles—(1) \$2.43, (2) ———.

Portola Truck Service, San Francisco—(1) \$2.43, (2) \$6.49.

C. E. Huls, Merced—(1) \$2.43.

L. A. Brisco, Arroyo Grande—(1) \$2.50.

C. V. Clark, Jr., North Hollywood—(1) \$2.83.

R. B. Snow, Santa Maria—(1) \$2.90.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Following submitted bids to the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Cir. Proposal 1105-38-87, for the leasing of one drag-line excavator on bank grading and miscellaneous work along the Sacramento River from Colusa to Knights Landing.

Bids were taken on the following:  
 Sched. I—Rate per hour for time drag-line bucket is working excavating material;

Sched. II—Rate per hour for time drag-line bucket is held idle on work during working hours;

Sched. III—Rate per hour for moving dragline from one job to another on its own power;

Sched. IV—Cost of delivering to the United States at Knights Landing and removal by lessor upon termination of lease.

Bidders were:  
 (A) Bundersen & Lauritzen, Pittsburg.

(B) Rock & Gravel Trucking Co., Inc., Oakland.

(C) Ajax Dredging Co., San Francisco.

(D) F. W. Kuhn, Los Angeles.

Unit prices follow:

	(A)	(B)	(C)	(D)
(I)	\$ 7.70	\$ 9.50	\$ 8.00	\$ 6.65
(II)	7.70	9.50	8.00	5.00
(III)	7.70	9.50	8.00	9.85
(IV)	300.00	572.00	—	600.00

**BIDS WANTED**

**POINT MONTARA, Calif.**—Until November 3rd, 11 a. m., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8561, for one self-measuring gasoline pump and one 500-gallon gasoline storage tank to be installed complete at the U. S. Naval Direction Finder Station, at Point Montara, 20 miles south of San Francisco.

Plans and specifications may be obtained from the above office upon deposit of \$3.00.

**26— RAILROADS**

**CONTRACT AWARDED**  
**HOOD RIVER, Ore.**—Kern & Kihbe, 42 SE Salmon, Portland, at \$48,142, was awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, under Bid No. 694-38-71, for protective work for the Mount Hood Railroad, Hood River, Oregon.

**29— STREETS AND HIGHWAYS**

**BIDS OPENED**

**SANTA BARBARA COUNTY, Cal.**—C. O. Sparks and Mundo Engr. Co., 2309 East Olympic Boulevard, Los Angeles, at \$38,487.90 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for widening one mile of existing roadbed and paving with Portland cement concrete between the easterly boundary and one mile north of Rincon Creek, Santa Barbara County.

Work involves:  
 (1) 400 M. gals. water;  
 (2) 21,500 c.y. rdwy. excav.;  
 (3) 161,500 sta. yds. overhaul;  
 (4) 380 c.y. struc. excav.;  
 (5) 80 c.y. remove concrete;  
 (6) 8,000 sq. yds. preparing subgrade  
 (7) 53 sta. finishing rdwy.;  
 (8) 11 tons liquid asphalt, SC-2 prime coat;

(9) 105 tons asphalt, SC-2 road mix surf. treatment;

(10) 11,000 sq. yds. prepare, mix and shape shoulders, embankment dikes and gutters;

(11) 13 tons liquid asphalt, 90-95;

(12) 270 tons screenings;

(13) 1,650 c.y. Class A Portland cement concrete pavement;

(14) 3 c.y. Class A Portland cement concrete struc.;

(15) 6,300 lbs. bar reinf. steel pave. and struc.;

(16) 3,300 each pavement dowels;

(17) 98 lf. 8-in. CMP;

(18) 28 lf. 18-in. CMP;

(19) 18 lf. 24-in. CMP;

(20) 6 each spillway assemblies;

(21) 850 lf. remove and reset existing guard railing;

(22) 5 each culvert markers;

(23) 27 each monuments;

(24) 26,000 sq. yds. ground cover.

(25) 42 each 6x6-in. by 6-ft. metal headers;

(26) 97 each 6x8-in. by 8-ft. metal stretchers;

(27) 42 each metal header caps.

Total bids follow:  
 (A) C. O. Sparks & Mundo Engr. Co., 2309 E. Olympic Blvd., Los Angeles, \$38,487.90.

(B) Claude Fisher Co., Ltd., Los Angeles, \$39,824.00.

(C) J. E. Haddock, Ltd., Pasadena, \$40,155.60.

(D) Griffith Co., Los Angeles, \$10,744.10.

(E) George R. Curtis Paving Co., Los Angeles, \$42,917.55.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$2.09	\$2.00	\$2.40	\$2.50	\$2.00
(2)	40	50	40	36	43
(3)	.007	.005	.01	.006	.01
(4)	1.50	1.50	2.00	1.50	1.00
(5)	3.00	3.00	4.00	3.00	6.00
(6)	.12	12	12	.13	.13
(7)	10.00	10.00	10.00	10.00	10.00
(8)	10.00	8.00	10.00	8.00	8.45
(9)	8.50	8.00	7.50	8.00	8.45
(10)	.07	10	16	.08	.09
(11)	14.00	12.00	20.00	14.00	13.00
(12)	3.50	4.00	3.65	4.00	3.75
(13)	10.00	10.50	10.00	10.00	10.75
(14)	30.00	35.00	30.00	35.00	30.00
(15)	.07	.09	.09	.09	.09
(16)	15	37	15	16	16
(17)	1.30	1.00	1.25	1.50	1.15
(18)	2.00	2.00	2.15	2.75	2.10
(19)	3.50	3.00	2.85	4.00	3.35
(20)	16.00	15.00	17.50	18.00	16.50
(21)	50	100	75	100	100
(22)	3.00	3.00	3.00	3.00	2.50
(23)	3.00	1.00	3.00	3.00	3.00
(24)	10	10	15	15	12
(25)	6.00	6.00	7.00	8.00	7.50
(26)	6.40	6.50	7.50	8.50	8.25
(27)	30	25	10	30	25

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at \$22,000, has been awarded the contract by Mrs. Judith Scott Walters for improving streets in the Homewood subdivision at Brentwood, at Kenter Ave. and Sunset Blvd. The work will involve curbs, gutters, resurf., paving with 4-in. rock and oil, and 60-in. concrete pipe storm drain (latter estimated to cost about \$5000).

MULTNOMAH & HOOD RIVER COS., Oregon.—McNutt Bros., Eugene, at \$102,201.00, submitted low bid to the U. S. Department of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Oregon, for the constructing or improving the Columbia River Highway Reconstruction Grading Project, 28-B, National Forest Road Project, Multnomah and Hood River Counties, Oregon.

Work involves:

- (1) All reqd. maintenance of special detours;
- (2) All reqd. extra and misc. force account work;
- (3) 20 acres clearing;
- (4) 9 acres grubbing;
- (5) 3,000 c.y. stripping and storing topsoil;
- (6) 246,200 c.y. unclass. excav.;
- (7) 1,000,000 sta. yds. special overhaul;
- (8) 18,000 c.y. mi. special overhaul;
- (9) 800 c.y. dry choked stone or slag base course;
- (10) 100 tons aggregate for Class A pavement;
- (11) 50 c.y. Class A concrete (footings);
- (12) 50 c.y. Class D concrete (in culv. pavement);
- (13) 14,000 lbs. reinforcing steel;
- (14) 110 c.y. Class A cement stone masonry (walls);
- (15) 212 lf. 120-in. corr. galv. sheet metal pipe;
- (16) 870 lf. bitum. coated corr. sheet metal pipe, Type 1;
- (17) 520 lf. bitum. coated corr. sheet metal pipe underdrain, Type 2;
- (18) 3,000 c.y. replacing top soil.

**CONTRACT AWARDED**

SAN FRANCISCO.—M. H. Bertolini, 32 Shotwell St., San Francisco, at \$2,350, was awarded contract by the Department of Public Works, Room 251, City Hall, San Francisco, for the improvement of the south half of Carl Street, 132 ft. 6 in.—157 ft. 6 in. west of Stanyan Street, and various other locations.

**LOW BIDDER**

MODOC CO., Calif.—Poulos & McEwen, 2522 17th St., Sacramento, at \$3600, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, for widening 14 mi. roadbed between Cedarville and the State Line, across Middle Lake.

**LOW BIDDER**

TEHAMA CO., Cal.—Listen Ehorn, 926 Jackson Street, Red Bluff, at \$6,500, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for the construction of a maintenance station at Lost Creek, Tehama Co., Calif.

**CONTRACT AWARDED**

SAN RAFAEL, Marin Co., Calif.—F. J. Main, Fairfax, Calif., at \$70,30, submitted low bid and was awarded contract by the San Rafael City Council, Eugene M. Smith, City Clerk, San Rafael, for grading, reconstruction and installation of a concrete gutter and vitrified clay pipe storm

drain and catch basin on Third St., San Rafael.

Work involves:

- (1) 270 lf. 6-in. by 3-ft. concrete gutters;
- (2) 274 lf. 10-in. vitrified clay pipe;
- (3) One standard catchbasin, complete;
- (4) 18 c.y. concrete removal.

Total bids follow:

(A) F. J. Main, Fairfax	\$570.30
(B) Pacific Stat. Constr. Co., San Francisco	574.70
(C) James Ghiloti, San Rafael	794.40

Unit prices follow:

	(A)	(B)	(C)
(1)	\$ .70	\$ .75	\$ .63
(2)	50	50	40
(3)	40.00	90.00	65.00
(4)	4.50	3.50	9.00

**CONTRACT AWARDED**

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 618 Call Bldg., San Francisco, at \$9,564.91, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for paving and improving a portion of Julian Street, from Guadalupis River to Fourth St., San Jose.

Work involves:

- (1) 1950 tons asphalt concrete wearing surface;
- (2) 52 tons asphalt concrete leveling course;
- (3) 15,000 sq. yds. binder coat;
- (4) 12,677 sq. ft. existing asphalt surface to be removed;
- (5) 4000 sq. ft. bituminous surface  $\frac{1}{4}$  to  $\frac{1}{2}$ -in. thick to be cleaned or burned;
- (6) 8000 sq. ft. bituminous surface  $\frac{3}{4}$  to 1-in. thick do.;
- (7) 9000 sq. ft. bituminous surface in excess of 1-in. do.;
- (8) 84 sq. ft. Portland cement concrete to be removed;
- (9) 10 tons Type "C" asphalt surface for driveway ramp.

Total bids follow:

(A) Union Paving Co., 618 Call Bldg., San Francisco	\$9,564.91
(B) A. J. Raisch, San Jose	\$10,948.41

Unit prices follow:

	(A)	(B)
(1)	\$4.20	\$4.75
(2)	4.20	5.50
(3)	.01	.02
(4)	.03	.025
(5)	.015	.02
(6)	.02	.025
(7)	.025	.03
(8)	.30	.25
(9)	15.00	20.00

**BIDS OPENED**

RIVERSIDE AND SAN BERNARDINO COS., Calif.—E. J. Martell, Palm Springs, submitted low bid to State Highway Engineer, San Bernardino, for (1) maintenance station buildings at Palm Springs and (2) buildings at Camp Anselmo. The bids, which were held under advisement, were:

- E. J. Martell—(1) \$5600; (2) \$5850;  
 (3) extra excav., no bid; (4) extra concr., no bid.  
 V. L. and W. B. Jacobson—(1) \$5982; (2) \$5709; (3) \$250; (4) \$18.  
 Archibald—(1) \$6574; (2) \$6424; (3) \$150; (4) \$13.  
 Fred Walsh—(1) \$6608; (2) \$6550;  
 (3) \$2; (4) \$27.  
 George Herz & Co.—(1) \$6977; (2) \$6977; (3) \$170; (4) \$20.

**BIDS WANTED**

REDWOOD CITY, San Mateo Co., Calif.—Until October 18, 2 p.m. (opened 8 p.m.), bids will be received by the Redwood City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for the construction of cement concrete sidewalk, curb and gutter and asphaltic concrete pavement on

the extension of Montgomery Street.

Work involves:

- (1) 200 cu. yd. cement concrete curb and gutter;
- (2) 3118 sq. ft. asphalt concrete 4 in. thick pavement laid on 4-in. thick macadam foundation;
- (3) 1146 sq. ft. cement concrete sidewalks.

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

SAN FRANCISCO.—The Fay Improvement Co., 760 Market Street, at \$21,369.15, was awarded contract by the Department of Public Works, the Room 251, City Hall, for the improvement of Taraval Street, between 12th Ave. and Montalvo Ave. Estimated cost, \$27,600.

**LOW BIDDER****CONTRACT AWARDED**

REDWOOD CITY, San Mateo Co., Cal.—Brandt & Hoffman, Redwood City, at \$3,992.56 submitted low bid and were awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, for grading and constructing concrete curbs and gutters on Hillview Avenue from Hopkins Avenue to Brewster Avenue.

Work involves:

- (1) 20,829 sq. ft. pavement;
- (2) 1,541 lf. cement concrete combined curbs and gutters;
- (3) 791 c.y. cutting (excavation);
- (4) 136 c.y. filling.

Total bids follow:

(A) Brandt & Hoffman, Redwood City	\$3,992.56
(B) William O. Tyson, Redwood City	\$4,107.59
(C) Piazza & Huntley, San Jose	\$4,141.34
(D) H. L. Sanders, Redwood City	\$4,432.25
(E) Palo Alto Road Materials Co., Palo Alto	\$4,743.57

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	\$42	\$05	\$83	\$114
(B)	50	20	90	11
(C)	30	10	120	098
(D)	85	100	100	10
(E)	70	70	90	13

**BIDS OPENED**

SAN BERNARDINO CO., Calif.—V. L. and W. B. Jacobson, 3338 Maude Ave., Los Angeles, submitted low bid to the State Highway Engineer, San Bernardino, for construction of maintenance station building in aridino county. The bids, which were held under advisement, were:

- V. L. and W. B. Jacobson, (1) foreman's cottage, \$6081; (2) workman's cottage, \$2914; (3) extra excavation, \$3; (4) extra concrete, \$18.  
 Fred Walsh, (1) \$6300; (2) \$3200; (3) \$2; (4) \$27.  
 Geo. Herz & Co., (1) \$6977; (2) \$3,693; (3) \$170; (4) \$20.

**BIDS OPENED**

MARIN CO., Calif.—E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo, at \$3,252.50, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying seal coat to 3.4 miles of existing pavement between Walden and Golden Gate Bridge, Marin County.

Work involves:

- (1) 80 tons of asphaltic emulsion, in place;
- (2) 650 tons screenings, in place.

Total bids follow:

(A) E. A. Forde, 640 Sir Francis Drake Blvd., San Anselmo	\$3,252.50
(B) Tieslau Bros., Berkeley	\$3,539.50
(C) Pacific Truck Service, Inc., San Jose	\$3,350.00
(D) Lee J. Immel, Berkeley	\$3,600.00
(E) Pacific Constr. Co., Clearwater	\$3,607.50



Hayward Bldg. Material Co., Hayward—\$4,015.  
 Piazza & Huntley, San Jose—\$4,185.  
 Unit prices follow:

	(1)	(2)
(A).....	\$17.50	\$2.85
(B).....	18.65	3.15
(C).....	20.00	3.00
(D).....	19.00	3.20
(E).....	18.50	3.15
(F).....	18.50	3.90
(G).....	19.00	4.10

**IDS WANTED**

RIVERSIDE CO., Calif.—Until October 28, 2 P. M., bids will be received by the State Division of Highways, H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing about 2.4 miles between 2 lies south of San Bernardino Co. and Beaumont, Riverside Co.

- Work involves:
- 1) 1900 M. gals. water;
  - 2) 70,000 c.y. roadway excav., without class;
  - 3) 740,500 sta. yds. overhaul;
  - 4) 2000 c.y. struc. excav.;
  - 5) 125 sta. ft. finishing roadway;
  - 6) 870 c.y. remove conc.;
  - 7) 4100 c.y. sand;
  - 8) 58,300 sq. yds. blending subgrade;
  - 9) 6085 tons min. aggregate, plant-mix surf.;
  - 10) 204 tons liq. asphalt, SC-4, plant-mix surf.;
  - 11) 63,000 sq. yds. preparing, mixing and shaping roadbed;
  - 12) 510 tons liq. asphalt, SC-2, road-mix surface treatment;
  - 13) 33 tons liq. asphalt, 90-95, seal coat;
  - 14) 642 tons screenings, seal coat;
  - 15) 2000 sq. yds. asph. paint binder;
  - 16) 49,000 lbs. bar reinf. steel;
  - 17) 400 c.y. Class A Portland cement concrete strucs.;
  - 18) 32 lf. 8-in. CMP;
  - 19) 32 lf. 12-in. CMP;
  - 20) 162 lf. 18-in. CMP;
  - 21) 820 lf. 24-in. CMP;
  - 22) 48 lf. 30-in. CMP;
  - 23) 136 lf. 36-in. CMP;
  - 24) 66 lf. 48-in. CMP;
  - 25) 150 lf. remove and relaying culvert pipe;
  - 26) 271 lf. remove and salvage culvert pipe;
  - 27) 19 each, spillway assemblies;
  - 28) 1 each, remove and reestablishing spillway assemblies;
  - 29) 150 lf. laminated guard railing;
  - 30) 67 each, culvert markers;
  - 31) 90 each, guide posts;
  - 32) 3.3 mi. new property fence;
  - 33) 5 each, drive gates;
  - 34) 34 each, monuments.

Plans and specifications may be obtained from the above office. \*

**CONTRACT AWARDED**

SAN JOSE, Sants Clara Co., Cal.—L. J. Ralsch, 358 Lincoln Ave., San Jose, at \$1202.50, submitted low bid and was awarded contract by J. Lynch, City Clerk, City Hall, San Jose, for the paving and improving a portion of Delmas Avenue, from William St. o Willow St., San Jose.

- Work involves:
- 1) 23 tons bituminous binder, furnished and placed;
  - 2) 225 tons screening, furnished, placed and rolled.
- Total bids follow:
- |                                                  | (A)       | (B) | (C) |
|--------------------------------------------------|-----------|-----|-----|
| A) A. J. Ralsch, 358 Lincoln Ave., San Jose..... | \$1202.50 |     |     |
| B) Pacific Truck Service, Inc., San Jose.....    | 1231.54   |     |     |
| C) Leo J. Piazza, San Jose.....                  | 1261.55   |     |     |
- Unit prices follow:
- |         | (A)     | (B)     | (C)     |
|---------|---------|---------|---------|
| 1)..... | \$20.00 | \$20.68 | \$16.20 |
| 2)..... | 3.30    | 3.36    | 3.95    |

**LOW BIDDER**

MARICOPA CO., Ariz.—Daley Corporation, 4430 Boundary St., San Diego, at \$51,773, submitted low bid to the Arizona State Highway Commission, Phoenix, Arizona, for 3.9 mi. concrete pavement widening, beginning about 4 1/4 miles northwest of Six Points and extending northwest to the south city limits of Glendale and from the west city limits of Glendale northwesterly a distance of about 1 1/4 miles. Phoenix-Frescott Highway, FA 33, AFE 8987, FA 48-A, AFE 8988.

- Work involves:
- (1) 24,800 sq. yds. grading under pavement;
  - (2) 24,800 sq. yds. concrete pavement (CIP);
  - (3) 46,400 tons plant-mix (CIP, except cementing agent);
  - (4) 20 tons cutback asphalt, MC-5 (CIP in mixer);
  - (5) 8 tons emulsified asphalt, Class A, for seal coat (CIP on road);
  - (6) 55 tons screenings (CIP). \* 29

**BIDS WANTED**

ORANGE COUNTY, Calif.—Until October 28, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete and plant-mixed surfacing 0.5 mile on Tustin Avenue at 17th Street, Orange County.

- Work involves:
- (1) 28 sta. clear and grub right of way;
  - (2) 500 M. gals. water;
  - (3) 2,000 c.y. remove concrete;
  - (4) 1,100 c.y. rdwy. excav., unclass.;
  - (5) 200 c.y. ditch and channel excavation;
  - (6) 175 c.y. struc. excav.;
  - (7) 3,300 c.y. imported borrow;
  - (8) 4,500 sq. yds. preparing subgrade;
  - (9) 48 sta. finish rdwy.;
  - (10) 5 tons liquid asphalt SC-2 prime coat;
  - (11) 50 tons liquid asph., SC-4, plant mix surf.;
  - (12) 950 tons min aggregate, plant-mix surf.;
  - (13) 2,800 sq. yds. asph. paint binder
  - (14) 2,550 tons asph. concrete base and leveling course;
  - (15) 780 tons asph. conc. type "A" surface;
  - (16) 3,800 lbs. bar reinf. steel struc.;
  - (17) 35 c.y. Class A Port. cem. conc. struc.;
  - (18) 5,000 lbs. misc iron and steel;
  - (19) 120 lf. 18-in. CMP;
  - (20) 50 lf. remove and salvage pipe culverts;
  - (21) 50 lf. laminated guard rail.
  - (22) 4 each culvert markers.

Plans and specifications may be obtained from the above office

**BIDS WANTED**

FLATHEAD CO., Mont.—Until Oct. 22, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 318 New Postoffice Bldg., Portland, Oregon, for 16,290 miles constructing or improving the Glacier National Park West Side Transmountain Highway (Avalanche Creek to South Park Boundary), Project 1-A. Units 1 and 2 surfacing, silt/clay stabilization and bituminous treatment and Project 1-B, 1-C, bituminous treatment, Glacier National Park, Flathead County, Montana.

- Work involves:
- (1) All lump, extra and misc. force account work;
  - (2) 15,000 cu yd unclass. excav.;
  - (3) 40,000 sta yds. special overhaul;
  - (4) 1,000 cu yd. mi. special overhaul;
  - (5) 16,390 mi. fine grading subgrade and shoulders.

- (6) 46,000 tons heavy base course, 3-in. material;
- (7) 32,000 tons heavy base course, 1 1/2-in. material;
- (8) 32,000 tons cr. run top course;
- (9) 5,000 units watering;
- (10) All road, prov. and maint. water plant or plants;
- (11) 285 tons cutback asph., MC-2 grade for prime coat;
- (12) 6,500 tons curer (Class A pavement), Grading B;
- (13) 485 tons 95+ liquid asphalt for Class A pavement;
- (14) 11,000 sq. yds. Class C-1 road mix surfacing, laid;
- (15) 75 tons cutback asphalt, MC-2 grade, for Class C road mix;
- (16) 1,500 sq. yds. Class C-1 road mix sidewalks, laid;
- (17) 6,150 lf. hub-high rustle guard rail, Type 7;
- (18) 1,000 lf. log type protection rail, Type 3-A;
- (19) 300 sq. yds. paved culvert inlets, Type 1;
- (20) 1,000 lf. log grids for slope stabilization;
- (21) 1,500 sq. yds. dry rubble slope pavement.

Plans and specifications may be obtained from the above office upon deposit of \$10.

**CONTRACT AWARDED**

ST. HELENA, Napa Co., Calif.—Helwig Constr. Co., 115 S. Main St., Sebastopol, at \$3720, was awarded contract by the St. Helena City Council, E. F. Palmer, City Clerk, City Hall, St. Helena, for about 1.1 miles of scarifying, shaping, mixing and finishing road-mix pavement to two inches compacted on Charter Oak Ave., Allison Ave. and Pope Street, between Route 49 northerly to a point 310 feet from the city limits.

**CONTRACT AWARDED**

SANDERS CO., Mont.—E. L. Gates, Portland, Oregon, at \$63,575.16, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 342 Post Office Bldg., Missoula, Mont., for constructing or improving 3,982 miles of the Clark Fork Highway Reconstruction Grading Project 6-A1, National Forest Road Project, County of Sanders, Mont.

**BIDS WANTED**

PARK CO., Wyo. and Mont.—Until Oct. 27, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Ore., for 42,301 miles constructing or improving the Red Lodge-Conke City Park Approach Road to Yellowstone National Park, Section B-D-A, Park, Mont., and Park, Wyo.

- Work involves:
- (1) All required, extra and miscellaneous force account work;
  - (2) 450 c.y. unclass. excav.;
  - (3) 7,000 tons cutback run top course;
  - (4) 72,000 class F primary aggregate, Grading A;
  - (5) 8,000 c.y. class F cover aggregate;
  - (6) 150 c.y. class A cement stone masonry walls;
  - (7) 35 sq. yd. paved culvert inlets, type 1.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.

**CONTRACT AWARDED**

OKANOGAN CO., Oregon—George B. Garra, Spokane, Wash., at \$9,275, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for highway clearing, Loop Loop Highway Clearing Project 28-D, Washington National Forest Road Project, Cheban National Forest, Okanogan Co.

**CONTRACT AWARDED**

**NAVAJO CO., Ariz.**—Tanner Construction Co., 801 Security Bldg., Phoenix, Ariz., at \$32,693.36, awarded contract by the Arizona State Highway Commission, Phoenix, Ariz., for highway improvement on the Show-low-Concho Highway, W.A.S. 104-B (1938). The work, which consists of grading and draining about 2.4 mi. of roadway, is located from 2 1/2 to 5 miles southwest of Concho and is to be completed on or before December 31, 1937.

**CONTRACT AWARDED**

**COCUONINO CO., Arizona**—Reliance Truck Co., 1410 S. 71st St., Phoenix, Ariz., at \$12,511, awarded contract by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for applying asphaltic surface treatment to about 11.2 miles of the highway about 32 miles north of Flagstaff on the Flagstaff-Fredonia Highway.

**RID OPENING POSTPONED**

**SAN LEANDRO, Alameda Co., Cal.**—The San Leandro City Council, E. F. Hutchings, City Clerk, postponed the bid opening for resurfacing of East 14th St., from the Creek to Davis Street, and on either side of the East Bay Street Railways, from Davis Street south to the City Limits. Estimated cost, \$6,770. Bids called for October 4th, 4 p.m. Bids will be readvertised.

**BIDS OPENED**

**SACRAMENTO CO., Calif.**—A. Telchert & Son, Inc., P.O. Box 1113, Sacramento, at \$5,679, submitted low bid to the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for repaving with armor top wearing surface the Florin East Road, Sacramento County.

Total bids follow:

A. Telchert & Son, Inc., P.O. Box 1113, Sacramento.....	\$5,679
J. R. Reeves, Sacramento.....	6,435
McGillivray Constr. Co., Sacramento.....	7,264

**CONTRACT AWARDED**

**SANTA CLARA CO., Calif.**—Collins & Martin, San Jose, at \$2,784, submitted low bid and were awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Courthouse, San Jose, for the construction of two reinforced concrete retaining walls on the Aratradero Road, south of Junipero Serra Blvd., Supervisors' District No. 5, Santa Clara County.

Total bids follow:

Collins & Martin, San Jose.....	\$2,784
Dan Caputo.....	3,078
A. J. Raitsch.....	3,782

**BIDS OPENED**

**LAKE AND KLAMATH COS., Ore.**—Harold Blake, 400 N. Thompson St., Portland, at \$42,738, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for constructing or improving 16,243 mi. highway, Fremont Highway Surfacing Project 29-A1-B1, Oregon National Forest Road Project, located within the Deschutes National Forest, Lake and Klamath Counties, Oregon.

Work involves:

- (1) 3000 c.y. unclass. excav.;
- (2) 90 acres roadside cleanup;
- (3) 16,243 mi. fine grading of sub-grade and shoulders;
- (4) 45,000 tons gravel bottom course;
- (5) 29,000 tons gravel top course;
- (6) 40 days roller operation;
- (7) 1 each, furnishing roller.

Total bids follow:

Harold Blake, 400 N. Thompson St., Portland.....	\$42,738.00
Warren-Northwest, Inc., Portland, Ore.....	57,135.00
Joslin & McAllister, Spokane, Wash.....	57,629.00
A. Milne Constr. Co., Portland.....	58,124.00
E. C. Hall, Eugene.....	60,598.00
Bahler Bros., Portland.....	64,989.00
E. C. Itchner, Wallawa.....	65,614.00
Saxton, Looney & Risley, Portland.....	66,328.00
Carl Nyberg, Spokane.....	66,344.00
Clifford A. Dunn, Klamath Falls.....	67,350.00
McNutt Bros., Spokane.....	69,147.00
Rogers Constr. Co., Dayton.....	71,033.00
S. S. Montague, Portland.....	73,576.00
R. O. Dail and Warren Bros., Aherdeen.....	74,860.00
J. A. Lyons, Portland.....	75,848.00
F. C. Dilard, Medford.....	83,722.00
A. C. Greenwood, Inc., Astoria.....	86,948.00
George Pollock, Sacramento, Calif.....	88,801.00
Fred G. Redmon, Yakimas, Wash.....	89,728.00
Joplin & Eldon, Portland.....	92,574.00

**BLUE PRINTS AVAILABLE**

**SACRAMENTO, Calif.**—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on October 20th, and in Los Angeles, on October 21st, 1937.

Following is a list of blue prints and prices:

**VII-LA-60-A**—Bet. Encinal Canyon and Trancas Beach. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 16; cost, \$1.60; CROSS-SECTIONS (No. of Sheets), 107; cost, \$10.70; total, \$12.30.

**VIII-SB-26-C,D,Col. Ria**—Bet. Los Angeles County Line and Colton. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 56; cost, \$5.60; CROSS-SECTIONS (No. of Sheets), 56; cost, \$5.60; CROSS-SECTIONS (No. of Sheets), 113; cost, \$11.30; total, \$16.90.

**IX-Iny-23-1**—Bet. Diaz Lake and Alabama Gates. Bids to be opened in Sacramento: PLANS (No. of Sheets), 27; cost, \$2.70; CROSS-SECTIONS (No. of Sheets), 160; cost, \$16.00; total, \$18.70.

**X-Sac-S-J-4-A,D**—Bridges across Dry Creek, about 1 mile east of Galt. Bids to be opened in Sacramento: PLANS (No. of Sheets), 9; cost, \$1.40; CROSS-SECTIONS (No. of Sheets), none; total, \$1.40.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, California.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

**BIDS WANTED**

**STATE OF WASHINGTON.**—Until October 19 bids will be received by L. V. Morrow, Director of Highways, Olympia, for bridge and highway construction, as follows:

**DOUGLAS COUNTY:** Surfacing and bit. surf. treatment, road mix type, on about 7.5 miles of Primary Secondary Highway 2, Fine Canyon to Collee City, State Project of Highways county, involving about 18,440 c.y. ballast, 2890 c.y. stone surfacing, 7,090 c.y. mineral aggregates (oil rock) 540 tons of bit cement and other items.

**LEWIS COUNTY:** Clearing, draining, surfacing about 3 miles of Primary State Highway 5, West Fork to Morton, FAP 164-C and D, Lewis county, involving about 29 acres of

clearing, 69,990 c.y. excavation, 24,180 cu. ballast, 160 c.y. crushed stone surfacing and mineral aggregate gates (oil rock) 217 c.y. concrete, 32,800 lbs. steel reinf. bars, 1176 ft. c. pipe culverts, etc.

**SKAMANIA and Klickeit Cos.** Clearing, grading, draining about 2 mi. Primary State Highway 4, Blue Creek to Skadet State Project, Skamania and Klickeit counties, involving about 11 acres of clearing 273,700 c.y. excavation, 52,400 c.y. bank protection material, 534 c.y. concrete, 56,000 lbs. steel reinf. bars, 58,000 ft. of pipe culvert, 1520 ft. of treated timber piling, 2 MBM timbers and lumber, etc.

**COWLITZ CO.:** Clearing, grading, draining and surfacing about 1.5 mi. of Secondary State Highway 1-R-Toutle River Vicinity, FAS 13-A-Cowitts county, involving about 238 c.y. excavation, 225 c.y. ballast, 53 c.y. stone surfacing, 84 ft. of pipe culvert, etc.

**SKAMANIA COUNTY:** Clearing, grading, draining and surfacing on about 2.8 miles of Secondary State Highway 8-B, Washougal River to Metherton Store, Skamania County, involving about 18 acres clearing, 75,990 c.y. excav., 7350 c.y. ballast, 5460 c.y. crushed stone surfacing, 193 c.y. concrete, 24,520 lbs. of steel reinf. bars, 960 ft. of pipe culvert, etc.

**CLATSOP CO.,** Grading, draining and surfacing on about 4 miles of Secondary State Highway 8-E Goodnoe Hill West, FAP 240-B-Klickeit county, involving about 49,280 c.y. excavation, 11,300 c.y. crushed stone surfacing, 808 ft. of pipe culvert, etc.

Plans and specifications may be obtained from above office upon deposit of \$2.00.

**LOW BIDDER**

**LAKE AND KLAMATH COS., Ore.**—Harold Blake, 400 N. Thompson St., Portland, at \$42,738, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for constructing or improving 16,243 mi. highway, Fremont Highway Surfacing Project 29-A1-B1, Oregon National Forest Road Project, located within the Deschutes National Forest, Lake and Klamath Counties, Oregon.

Work involves:

- (1) 3000 c.y. unclass. excav.;
- (2) 90 acres roadside cleanup;
- (3) 16,243 mi. fine grading of sub-grade and shoulders;
- (4) 45,000 tons gravel bottom course;
- (5) 29,000 tons gravel top course;
- (6) 40 days roller operation;
- (7) 1 each, furnishing roller.

**BIDS WANTED**

**SAN DIEGO, Calif.**—Until Oct. 11, 1937, bids will be received by the State Highway Department, San Diego, for 0.7 mi. surfacing with plant-mixed surface (medium curing type), between Harastby Street and Barnett Street, San Diego City.

Work involves:

- (1) 12 tons emulsified asphalt (prime coat);
- (2) 2200 tons mineral aggregate (plant-mixed surface);
- (3) 103 tons liquid asphalt, MC-5 or MC-6 surface; (plant-mixed surface);
- (4) 12 tons asphalt concrete (base and leveling course).

Plans and specifications may be obtained from the above office.

**CONTRACT AWARDED**

**SANTA BARBARA CO., Calif.**—Granite Constr. Co., Ltd., Bin No. 9, Watsonville, at \$971.30, awarded contract by the State Division of Highways, L. H. Gibson, District En-

beer, District V, 50 Higuera Street, an Luis Obispo, for about 12.8 miles of road to be widened and shoulders to be treated with liquid asphalt between Santa Barbara and Tony Creek, between Tajiguas and 2 mile west of Arroyo Honda and between Alcatraz and Gaviota Creek, Santa Barbara County.

### BIDS WANTED

**SAN FRANCISCO**—Until Oct. 13, 3:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 9071, for the reconstruction of Clarence Place Northerly from Townsend Street, San Francisco. Estimated cost, \$1,600.

Work involves:

- (1) 3400 sq. ft. remove existing curb, sidewalk and pavement, as directed, and replace with asphalt-concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
- (2) 1 catchbasin reset or reconstructed;
- (3) 1 brick storm water inlet, complete;
- (4) 32 lf. armored concrete curb;
- (5) 40 lf. reset stone curb;
- (6) 5 tons asphaltic concrete concrete pavement;
- (7) 1 low-pressure hydrant moved;
- (8) 325 sq. ft. two-course concrete sidewalk;
- (9) Lump sum, lighting system, complete.

Plans and specifications may be obtained at the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10. \* 29

### BIDS OPENED

**SACRAMENTO, Calif.**—A. Teichert & Son, Inc., P.O. Box 1113 Sacramento, at \$761, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the improvement of the alley first north of Folsom Blvd., from the eastern line of Santa Ynez Way to the westerly line of 36th St., Sacramento. Carl R. Fiedler, Sacramento, at \$804, submitted only other bid.

### CONTRACT AWARDED

**LOS ANGELES CO., Calif.**—Macco Construction Company, 815 Paramount Building, Clearwater, at \$123,349, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 803, State Bldg., Los Angeles, for grading and paving 16 miles with Portland cement concrete, plant-mixed surfacing between Trancas Beach and Walnut Canyon, Los Angeles County. \*

### BIDS WANTED

**YAVAPAI CO., Arizona.**—Until Oct. 15, 10 a.m., bids will be received by Arizona State Highway Commission, Phoenix, for improving Cottonwood-Sedona Highway, F. A. 96-F (1928), AZR 7929. The work, beginning at the Verde River bridge at Bridgeport and extending NE about 5.7 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment and is to be completed in or before May 15, 1938.

Work involves:

- (1) 40,500 c.y. roadway excav.
- (2) 1000 c.y. slides and overbreakage;
- (3) 2200 c.y. drainage excav.
- (4) 540 c.y. struc. excav.
- (5) 51,700 cu. yds. overhaul;
- (6) 57,300 c.y. imported borrow;
- (7) 14,600 tons aggregate base course;
- (8) 21,600 gals. sprinkling;
- (9) 950 hrs. rolling;
- (10) 424 c.v. class A concrete;
- (11) 352 steel;
- (12) 976 ft. CMP (4 sizes);
- (13) 1 each. cattle guard;

(14) 69,900 gals. road oil (SC-2);

(15) 800 c.y. blotter material.

Plans and specifications may be obtained at the office of T. S. O'Connell, State Highway Engineer.

### BIDS OPENED

**HAYWARD, Alameda Co., Calif.**—Jones & King, Jackson St., Hayward, at \$10,512.70 submitted the low bid to the Hayward City Council, City Clerk, City Hall, Hayward, for the improvement of Castro Street from "C" Street to Jackson St., Hayward.

Work involves:

- (1) 200 c.y. removing and disposing of existing Portland cement concrete;
- (2) 10 sta. finishing rdwy.;
- (3) 220 tons crusher run base;
- (4) 200 tons asphalt concrete;
- (5) 160 c.y. Class A Portland cement concrete pavement (widening);
- (6) 450 lbs. bar pavement dowels;
- (7) 450 lbs. bar reinf. steel;
- (8) 150 c.y. Class A Portland cement concrete curb, driveway & sidewalk;
- (9) 2 special Portland cement concrete catchbasins;
- (10) 2 special Portland cement concrete brick manholes;
- (11) 1 special Portland cement concrete culvert extension;
- (12) 426 lf. 30-in. corr. metal pipe;
- (13) 9 street lighting standards relocated;
- (14) 10 lf. 2-inch conduit;
- (15) 1160 lf. 1½-in. conduit;
- (16) 4000 lf. electrother cable;
- (17) 2 junction boxes.

Total bids follow:

(A) Jones and King, Jackson Street, Hayward, \$10,512.70.

(B) A. Holyoake, Hayward, \$11,681.20.

(C) Frank Embleton, Albany, \$11,731.70.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$2.00	\$2.65	\$3.00
(2)	6.00	7.00	5.00
(3)	2.30	2.30	2.85
(4)	3.85	6.97	4.50
(5)	10.85	12.33	14.50
(6)	.17	.17	.15
(7)	.07	.08	.08
(8)	18.75	20.50	19.50
(9)	47.00	20.00	75.00
(10)	67.00	20.00	90.00
(11)	80.00	22.00	100.00
(12)	4.90	4.10	3.70
(13)	10.00	44.00	16.00
(14)	.47	.72	.57
(15)	.43	.65	.53
(16)	.23	.17	.29
(17)	7.50	13.20	17.80

### CONTRACT AWARDED

**PLUMAS CO., Calif.**—Fredericksen & Westbrook, Lower Lake, at \$17,410, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading approaches to Spanish Creek Bridge, near Quincy, a distance of approximately 0.8 mile. \*

### BIDS WANTED

**LOS ANGELES, Cal.**—Until Oct. 20 10 A. M. bids will be received by the Los Angeles board of public works for grading Union Passenger Terminal Station tracks and Macy St. grade separation, FWA Project 4361. Unit 2-A, involving approx. 30,826 cu. earth measured in place before excavation and delivered to Union Passenger Terminal station site.

### 30—RESERVOIRS & DAMS

#### LOW BIDDER

**COWLITZ COUNTY, Wash.**—Parker-Schram, 515 Couch Bldg., Portland, Oregon, at \$36,457.90 submitted

the low bid to the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-96, for performing all work for the diversion of King, Coal, Barnes and other creeks, and alterations and additions to the pumping plant and culvert, situated in and adjacent to Cowlitz County Drainage Improvement District No. 1, Cowlitz County, Wash.

Work involves:

- (1) 12,000 c.y. canal excavation;
- (2) 6,800 c.y. culvert excavation;
- (3) 5,400 c.y. culvert backfill;
- (4) 145 c.y. excavation, existing 42-inch dia. culvert;
- (5) 190 c.y. backfill, existing 42-inch dia. culvert, trench;
- (6) 715 c.y. fill, 42-in. dia. culvert;
- (7) 724 c.y. reinf. concrete in place;
- (8) 112 lf. 66-in. dia. extra strength reinf. conc. culvert, in place;
- (9) 80 lf. 66-in. dia. standard reinf. concrete culvert, in place;
- (10) 580 lf. 18-in. dia. do;
- (11) 946.5 lf. 60-inch dia. creosoted wood stave pipe, in place;
- (12) 1 each 66-inch automatic drainage gate, in place;
- (13) 1 each 24-inch do;
- (14) 1 each 24-inch do;
- (15) 311 lf. salvaged steel flume, including fastenings, in place;
- (16) 5.2 MFMB steel flume wooden trestle, inc. fastenings, in place;
- (17) 120 lf. salvaged 42-in. dia. corrugated steel culvert, in place;
- (18) 3,950 lbs. steel intake trash racks, gratings, drainage gate mountings, manhole cover and fastenings, in place;
- (19) 6,120 lbs. 30-inch dia. steel pipe casing, in place;
- (20) 8,860 lbs. 22-in. dia. pump discharge pipe and 12-in. pump connections, in place;
- (21) 90 c.y. riprap, in place.
- (22) 33 sq. yds. riprap grout, in place.

### BIDS WANTED

**SACRAMENTO, Calif.**—Until Oct. 14, 3 p.m., bids will be received by the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-97, for completing the levee along the left bank of the Sacramento River between Colusa Weir and Moulton Weir, at three different locations, as follows:

- (a) 1400 feet of levee completion and 200 ft. spur levee construction beginning about 4.1 mi. below Moulton Weir;
- (b) 2300 ft. of levee completion and 330 ft. spur levee construction beginning about 2.8 mi. below Moulton Weir;
- (c) 1300 ft. of levee completion beginning about 9.6 miles below Moulton Weir.

Work involves:

- (1) 4900 c.y. levee embankment, in place. Borrow from Area 1-A to be used in levee completion in Part (a);
- (2) 900 c.y. levee embankment, in place. Borrow from Area 2-A to be used in spur levee Part (a);
- (3) 26,500 c.y. levee embankment, in place. Borrow from Area 2-A to be used in Part (b);
- (4) 2900 c.y. levee embankment, in place. Borrow from Area 3-A to be used in Part (c);
- (5) 20-1000 gals. water used in sprinkling material for compaction.

Plans and specifications may be obtained from the above offices.

### CONTRACT AWARDED

**GOVERNMENT ISLAND, Calif.**—Gavhar Electric Co., 901 and H. Ward Sts., San Francisco, at \$50,000 was awarded contract by the Forest Service Supply Depot, Frank Hawkins, Supply Office, Government Island, under Bid No. 5196, for furnishing 2000 miles of galvanized telephone line wire 1-b. Larkon, Texas.

**BIDS WANTED**

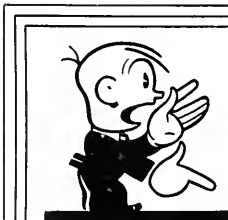
**SUISUN CITY**, Solano Co., Calif.—Until October 11, 8 P. M., bids will be received by the Suisun City Council, A. N. Trainor, City Clerk, City Hall, Suisun, for the cleaning out and deepening the city water supply reservoir on Twin Peaks Mountain, near Suisun City, Solano County.

Plans and specifications may be obtained at the office of the City Engineer, F. A. Steiger, Fairfield.

**31—PIPE LINES & WELLS**

**BIDS WANTED**

**COWLITZ CO.**, Wash.—Until Oct. 26, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under



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**TRINITY COUNTY—Bridge Construction—(State)**

**TRINITY CO.**, Calif.—W. K. Von Bokkelen Construction, 439 23rd St., Oakland, at \$30,894, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete bridges: one across Big Creek, consisting of one 22-ft. and two 16-ft. slab spans, and the other across Hayfork Creek, consisting of one 60-ft., two 45-ft., and two 37-ft. 6-in. girder spans.

- Work involves:
- (1) 640 c.y. struc. excav;
  - (2) 122,000 lbs. bar reinf. steel;
  - (3) 99 c.y. Class A Portland cement concrete footing blocks;
  - (4) 505 c.y. Class A Portland cement

- concrete struc.;
- (5) 656 lf. timber railing;
  - (6) 1 existing bridge to be removed and disposed of;
  - (7) 1 lot misc. items of work.
- Total bids follow:
- (A) W. K. Von Bokkelen Constr., 439 23rd St., Oakland ..... \$30,894.00
  - (B) Campbell Const. Co., Sacramento ..... 32,571.20
  - (C) A. Soda & Son, Oakland ..... 35,455.00
  - (D) John Rocca, San Rafael ..... 36,922.00
  - (E) Mercer Fraser Co., Eureka ..... 44,712.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 3.50	\$ 3.75	\$ 3.00	\$ 8.00	\$ 14.00
(2)	.06	.067	.07	.07	.07
(3)	20.00	19.00	20.00	25.00	25.00
(4)	34.00	33.00	35.00	35.00	45.00
(5)	1.50	1.45	2.50	2.00	2.00
(6)	500.00	500.00	1500.00	1000.00	100.00
(7)	700.00	2000.00	2200.00	800.00	600.00

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SALT LAKE CITY DENVER

**WESTERN MACHINERY COMPANY**  
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Bid No. 698-38-124, for the installation of a valve and pump discharge line for Pumping Plant No. 2, and the removal of an existing pump discharge line and replacement of two new discharge lines at Pumping Plant No. 1, situated in the Diking District No. 5, Covoltz County, Wash.

- Work involves:
- (1) 270 c.y. Class A excav.
  - (2) 1000 c.y. Class B excav.
  - (3) 1200 c.y. backfill, in place;
  - (4) 25 c.y. reinf. conc. in place;
  - (5) 40 c.y. removal and replacement of riprap;
  - (6) 160 lf. 72-in. diam. CIP, in place;
  - (7) 320 lf. 30-in. diam. steel pump discharge pipe, in place;
  - (8) 178 lf. 36-in. diam. steel pump discharge pipe, in place;
  - (9) 1 each, 24-in. diam. rising stem gate valves, in place;
  - (10) 4 each, removal and replacement of 72-in. diam. (circular automatic drainage) gates, in place.
- Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**SUTTER CO., Calif.**—Until Oct. 13, 3 p.m., bids will be received by E. U. Sutter, Engineer, Office, 208 Post-Office Bldg., Sacramento, under Prop. No. 1105-38-92, for constructing concrete lining and existing ditch and seven reinforced concrete outlet structures along the left bank of the Sacramento River, at Racetrack Bend, near Kirkville, Sutter County, Calif.

- Work involves:
- (1) 22,500 sq. ft. concrete ditch lining, 3 inches thick, in place;
  - (2) 8.0 c.y. concrete, in place (outlet structures);
  - (3) 325 lbs. reinforcing steel, in place (outlet structures).

Plans and specifications may be obtained from the above office. \* 31

**BIDS WANTED**

**TUCSON, Ariz.**—Until Oct. 18, 4:00 p.m., bids will be received by E. E. Butler, city manager, for furnishing water pipe, specials, valves, hydrants, etc., f.o.b. Tucson. Unit bids are requested. Certified check for 5% must accompany each bid. The schedules and items are:

- SCHEDULE "A"**
- C I water pipe, class 150, cement lined, tar coated.
- Fed Spec WW-P-421 on B & S;  
Fed Spec WW-P-423 on bolted joint.
- Alternate A—Factory type joint.
- (Bidder submit spec.).
- Alternate B—Open Bell.
- Item (1)—15,288 ft. 4-in.;
- Item (2)—15,172 ft. 6-in.;
- Item (3)—1,800 ft. 8-in.
- SCHEDULE "B"**
- Waterworks specials, class D, cement lined.

- Item (1)—Crosses—all bells.  
9—6-in. x 4-in.;
- 1—8-in. x 4-in.;
- 6—6-in. x 6-in. (cutting in crosses);
- Item (2)—Tees—all bells.  
20—6-in. x 8-in.;
- 6—6-in. x 6-in. (cutting in tees);
- Item (3)—Bends B & S.  
6—6-in.—90 degrees;
- 14—6-in.—22½ degrees;
- 6—6-in.—11½ degrees;
- Item (4)—Reducers.  
6—6-in. x 4-in. (large end bell);
- 20—4-in. x 6-in. (small end bell);
- Item (5)—Offsets, B & S A W W A;  
10—6-in. (L-34-in., O-12-in.);
- Item (6)—Split Sleeves (not lined);  
6—6-in. x 10-in.;
- 6—6-in. x 12-in.;
- 4—8-in. x 18-in.;
- Item (7)—Solid sleeves (not lined);  
12—4-in. x 10-in.;

**SAN FRANCISCO—Reconstruction 19th Ave.—(City)**

SAN FRANCISCO, Calif.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$110,316.90, submitted low bid to the Dept. of Public Works, Room 251, City Hall, under Spec. 19061, for reconstruction of 19th Avenue, from Sloat Blvd. to Taraval St., San Francisco.

- Work involves:
- (1) 10,000 c.y. excavation (including embankment);
  - (2) 13,000 c.y. borrow (imported embankment);
  - (3) 5,000 c.y. pavement excavation (concrete);
  - (4) 40,000 sq. ft. 8-in. concrete pavement;
  - (5) 190,000 sq. ft. asphalt concrete pavement (1½-in.—1½-in.—8-in.);
  - (6) 12,000 sq. ft. asphalt concrete pavement (2-in.—8-in.), Class F;
  - (7) 12,000 sq. ft. asphalt concrete track pavement (1½-in.—1½-in.—6-in.);
  - (8) 255 tons conform pavement (binder and asphalt);
  - (9) 9,000 sq. ft. 1-in. emulsified asphalt armor coat;
  - (10) 200 c.y. macadam pavement;
  - (11) 40 lf. rock gutters;
  - (12) 6,000 lf. white concrete curb (unarmored);
  - (13) 3,800 lf. combined curb and 1-ft. gutter (white);
  - (14) 500 lf. 6-in. concrete curb (armored);
  - (15) 44,000 sq. ft. concrete sidewalk

- (two courses):
- (16) 24 lf. 12-in. corr. metal culvert;
  - (17) 14 lf. 18-in. do.;
  - (18) 2,500 lf. 8-in. V.C. pipe sewer;
  - (19) 2,000 lf. 12-in. do.;
  - (20) 80 lf. 15-in. do.;
  - (21) 800 lf. 6-in. V.C.P. side sewer;
  - (22) 12 6-in. side sewer traps;
  - (23) 400 lf. 10-in. V.C.P. culverts;
  - (24) 80 8-in. by 6-in. V.C.P. Y branches;
  - (25) 80 12-in. by 6-in. V.C.P. Y branches;
  - (26) 1 storm water inlet;
  - (27) 22 brick manholes;
  - (28) 1 raise brick manhole on Trocadero sewer;
  - (29) 14 brick catchbasins;
  - (30) Lump sum electrical work;
  - (31) Lump sum low pressure hydrants (3 relocated);
  - (32) 40,000 sq. ft. planting ice plant;
  - (33) Lump sum, traffic control system, complete.

Total bids follow:

(A) Chas. L. Harney, 443 Call Bldg., S. F. ....	\$110,316.90
(B) The Fay Improvement Co. ....	114,501.20
(C) Eaton & Smith. ....	120,133.20
(D) The Lowrie Paving Co., Inc. ....	122,933.00
(E) A. G. Ralsch. ....	128,237.80
(F) Pacific Pavement Co., Ltd. ....	134,195.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$.60	\$.59	\$.58	\$.50	\$.45	\$.54
(2)	.01	.12	.13	.25	.23	.15
(3)	.76	1.84	1.58	1.05	1.00	1.60
(4)	.23	.229	.21	.24	.283	.29
(5)	.26	.27	.30	.30	.319	.34
(6)	.22	.19	.25	.215	.25	.26
(7)	.22	.202	.26	.22	.28	.34
(8)	5.50	4.50	5.00	5.50	5.50	5.00
(9)	.05	.047	.037	.04	.052	.05
(10)	1.45	1.63	2.83	1.65	2.30	1.40
(11)	.80	1.39	1.25	2.50	1.60	4.00
(12)	.62	.60	.55	.75	.59	.67
(13)	1.00	.85	.985	1.25	.83	1.15
(14)	.75	.81	.55	.90	.75	.80
(15)	.15	1.35	.13	.16	.136	.14
(16)	1.85	1.64	1.85	2.00	2.50	3.00
(17)	3.25	2.48	2.46	3.00	3.20	5.00
(18)	1.30	1.27	1.27	1.25	1.66	1.25
(19)	1.75	1.69	1.60	1.70	2.51	2.00
(20)	6.85	2.30	2.46	2.75	3.00	3.00
(21)	.95	.94	.80	1.50	1.10	1.00
(22)	7.50	6.06	7.38	4.50	12.00	4.00
(23)	2.00	1.45	1.54	2.00	1.20	1.50
(24)	.95	1.50	1.54	3.00	3.20	1.00
(25)	1.70	2.00	1.85	5.00	3.70	1.25
(26)	35.00	48.50	49.20	80.00	100.00	20.00
(27)	120.00	89.00	86.10	90.00	100.00	90.00
(28)	240.00	221.30	49.20	100.00	100.00	25.00
(29)	100.00	88.00	80.00	70.00	100.00	90.00
(30)	5000.00	4400.00	5166.00	4164.00	4500.00	4600.00
(31)	5000.00	4002.00	430.00	300.00	700.00	150.00
(32)	.01	.022	0.185	.03	.02	.02
(33)	500.00	820.00	369.00	500.00	750.00	500.00

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**HE mlock 0378      -:-      160 HOOPER STREET**

**SCHEDULE "C"**

Gate valves, standard weight; hub end, with square operating nut; open left; brass trimmed; minimum 100 lbs. water working pressure. Bidders submit specifications and descriptive data.

Alternate A—C 1 bronze fitted, solid wedge gate.

Alternate B—C 1 bronze fitted, bronze parallel gates.

- Item (1)—56—4-in.;
- Item (2)—52—6-in.;
- Item (3)—6—8-in.;

**SCHEDULE "D"**

Tapping sleeves and crosses, together with tapping valves, Fig. 131 and 182 catalog G Rensselaer, or equal. Water working pressure 150 lbs. Bidders submit specifications and descriptive data.

Item (1)—Sleeves.

- 1—6 x 4;
- 1—6 x 6;
- 1—12 x 6;
- 1—12 x 8;

Item (2)—Crosses.

- 1—6 x 4;
- 1—8 x 6;

Item (3)—Valves—square operating nut, open left.

- 3—4-in.;
- 4—6-in.;
- 1—8-in.;

Item (4)—Inserting valve—A. P.

Smith or equal.  
Waterworking pressure, 150 lbs.  
3—6-in.

**SCHEDULE "E"**

120—Cast iron valve boxes—No. A—5½-in. stem screw type extension, bases to fit valves up to 8-in.

**SCHEDULE "F"**

57—Cast iron manhole rings and covers as per plan No. M-19ba on file in city engineer's office.

**SCHEDULE "G"**

10—Fire hydrants 6-in. shoe; 36-in. bury; min. 4¼-in. valve opening; safety top feature; 2—2¼-inch hose nozzles, 1—5-in. steamer nozzle; to conform generally to A W W A standard; open left with 1½-in. pentagon operating nut. Bidder to submit specifications and descriptive data.

**SCHEDULE "H"**

18,000 lbs. com. pig lead, grade 3. A S T M—E29 equals 23.

500 lbs. untarred oakum.

30,000 com. hard burned brick. \* 31

**SCHEDULE "I"**

**BIDS WANTED**  
BOISE, Idaho.—Until October 19, bids will be received by the Veterans' Administration Construction Service, Arlington Bldg., Washington, D. C., for the construction of a deep well pump at the Veterans' Administration Facility, Boise, Idaho.

Plans and specifications may be obtained from the above office. \* 31

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**TO ASK BIDS SHORTLY**

SEATTLE, Wash.—PWA has approved the Henderson Street Sewer Project Cost, \$500,000. Offer of grant received. Project involves construction of two units: Unit No. 9, Henderson Street, which consists of 60-in. concrete sewer on E. Marginal Way from Michigan to W. Oregon and W. Oregon from E. Marginal Way to pumping plant near Duwamish Waterway; Unit No. 10 consists of sewage pumping plant and sewage treatment plant on W. Oregon St., near Duwamish Waterway. Treatment will consist of plain sedimentation, separate sludge digestion, chlorination, sludge drying beds, coarse screens and grit chambers. Early bid call expected.

**ELDORADO COUNTY—Bridge Construction—(State)**

ELDORADO CO., Calif.—Campbell Construction Co., 800 "R" Street, Sacramento, at \$38,857.50 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge, consisting of three 71-ft. 0-in. spans and two 54-ft. 6-in. spans on concrete bents and abutments across Wehber Creek, about 2¼ miles west of Placerville, Eldorado County.

- Work involves:
- (1) 800 cu. struc., excav.;
  - (2) 184,000 lbs. bar reinf. steel;
  - (3) 930 cu. Class A Portland cement concrete struc.;
  - (4) 23 cu. Class A Portland cement

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$ 3.00	\$ 4.00	\$ 2.00	\$ 5.00	\$ 5.00	\$ 7.00
(2).....	.058	.053	.054	.055	.06	.065
(3).....	24.25	27.50	29.70	32.00	31.50	36.00
(4).....	63.00	60.00	60.00	60.00	70.00	60.00
(5).....	.11	.12	.15	.15	.22	.20
(6).....	1.25	1.00	1.20	2.00	1.50	1.50
(7).....	19.00	15.00	25.00	40.00	20.00	25.00
(8).....	550.00	1000.00	1200.00	1200.00	1300.00	1500.00

- concrete railing;
  - (5) 7,800 lbs. misc. steel;
  - (6) 240 lf. 8-inch CMP;
  - (7) 4 each spillway assemblies;
  - (8) 1 lot misc. items of work.
- Total bids follow:
- (A) Campbell Const. Co., 800 R St., Sacramento, \$38,857.50.
  - (B) Hemstreet & Bell, Marysville, \$42,143.00.
  - (C) John Rocca, San Rafael, \$43,295.00.
  - (D) F. C. Amoroso and Sons, S. F., \$80,270.00.
  - (E) W. K. Van Bokkelen Construction, Oakland, \$49,401.00.
  - (F) S. D. Bechtel, San Francisco, \$55,930.00.

Unit prices follow:

**CONTRA COSTA COUNTY—MAINT. STATION BLDGS. & APPURTENANCES—(State)**

CONTRA COSTA CO., Calif.—Empire Construction Co., Ltd., Russ Bldg., San Francisco, at \$7,945, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, Dept. of Public Works, San Francisco, for the construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance Site, located approximately one-half mile north of Walnut Creek, Contra Costa County.

- Work involves:
- (1) Standard truck shelter;
  - (2) Gas and oil house;
  - (3) Blacksmith shop;
  - (4) Loading platform;
  - (5) Standard septic tank and leaching field;
  - (6) Standard sign.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$514.00	\$657.00	\$670.75	\$658.88	\$734.20	\$775.00	\$695.00
(2).....	1000.00	1000.00	1288.00	1060.00	1316.27	1195.00	1138.00
(3).....	700.00	573.00	568.00	725.00	780.47	693.00	695.00
(4).....	565.00	673.00	888.00	800.00	577.38	729.00	410.00
(5).....	460.00	373.00	515.00	450.00	493.99	283.00	325.00
(6).....	80.00	100.00	98.00	109.00	120.96	163.00	127.00
(7).....	1.35	1.50	2.00	1.50	2.00	2.00	1.50
(8).....	10.00	27.00	22.00	25.00	15.00	16.00	16.00

ALTERNATES: Add and deduct.  
(7) Excavation, per cu. yd.;  
(8) Portland cement concrete, per cu. yd.

Total bids follow:

- (A) Empire Constr. Co., Ltd., Russ Bldg., S. F., \$7,945.00
- (B) Oliver S. Almie, S. F., \$9,292.00
- (C) Robert M. McCarthy, San Francisco, \$9,432.00
- (D) A. Frederick Anderson, Oakland, \$9,732.00
- (E) Edgar P. Seemans, Walnut Creek, \$10,903.27
- (F) Clinton G. Langrum, Napa, \$10,793.00
- (G) Central Calif. Constr. Co., S. F., No total

Unit prices follow:

**GILA COUNTY, ARIZONA—SURFACING—(State)**

GILA COUNTY, Ariz.—N. G. Hill, Phoenix, at \$164,194.62, submitted the low bid to Arizona State Highway Commission, Phoenix, for subgrading, aggregate base course and asphaltic surface treatment to 20½ mi. of highway at the Gila-Navajo county line, Globe - Showlow Highway, F. A. Nos. 105-1, D, E, J, F & G.

- Work involves:
- (1) 20.269 miles subgrading rdwy. and refinishing slopes;
  - (2) 33,256 tons of fine aggregate base course (CIP);
  - (3) 183,922 tons coarsest do;
  - (4) 3,158 M. gals. sprinkling (CIP);
  - (5) 1264 hours rolling;
  - (6) 130,829 gals. road oil, SC-2 (CIP)
  - (7) 2790 tons stockpiling fine aggregate base course.

Total bids follow:  
(A) N. G. Hill & Co., Rte. No. 6, Box 551, Phoenix, \$164,194.62.  
(B) Strong & Grant, Springville Utah \$165,381.64.  
(C) Geo. W. Orr, El Paso, Tex., \$167,057.12.

- (D) Southern Calif. Roads Co., Los Angeles, \$178,553.18.
  - (E) Le Moor Contr. Co., El Paso, Texas, \$183,992.99.
  - (F) Gunther & Shirley Co., Los Angeles, \$188,232.28.
  - (G) Heuser and Garnett, Glendale, \$185,354.91.
  - (H) Pearson & Dickerson Contrs., Inc., Prescott, \$196,703.86.
  - (I) J. A. Cassou Co., Phoenix, \$198,362.60.
  - (J) Packard Contr. Co., Phoenix, \$204,853.52.
  - (K) Tanner Const. Co., Phoenix, \$214,011.06.
  - (L) V. R. Dennis Const. Co., San Diego, \$217,166.82.
  - (M) W. E. Hall Co., Phoenix, \$222,524.24.
  - (N) D. W. Thurston, Los Angeles, \$238,948.35.
  - (O) Daley Corp., San Diego, \$252,515.51.
  - (P) H. J. Hagen Const. Co., Globe, \$253,934.50.
- Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A) .....	\$1000.00	\$57	\$57	\$1.60	\$2.60	\$0.78	\$5.57
(B) .....	600.00	62	60	2.00	3.00	08	60
(C) .....	600.00	70	60	2.00	2.00	08	70
(D) .....	750.00	78	62	2.00	2.75	09	65
(E) .....	820.00	94	63	1.00	2.50	09	77
(F) .....	750.00	95	65	2.00	3.75	07	60
(G) .....	1000.00	85	60	2.50	3.50	09	85
(H) .....	650.00	975	67	2.30	3.35	106	90
(I) .....	1250.00	75	67	4.00	4.00	09	50
(J) .....	800.00	82	72	3.50	2.50	085	82
(K) .....	1500.00	74	71	3.00	3.00	10	74
(L) .....	1000.00	85	80	1.25	3.00	087	85
(M) .....	1260.00	85	79	2.25	2.75	08	85
(N) .....	1200.00	87	87	2.00	2.50	11	65
(O) .....	2000.00	105	80	3.25	4.25	09	90
(P) .....	2000.00	100	80	4.00	4.00	10	80

SAN LUIS OBISPO CO.—GRADING—(State)

SAN LUIS OBISPO, Cal.—Metropolitan Const. Co., 208 W 8th Street, Los Angeles, at \$14,719.30 submitted low bid to the State Division of Highways, C. H. Purvis, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road mix surface treatment to about 2.8 miles between Atascadero Summit and San Gabriel Ave. San Luis Obispo County.

- (1) 150 sta. clear and grub right of way;
- (2) 300 M. gala. water;
- (3) 152,000 c.y. rdwy. excav., unclass.
- (4) 775 c.y. ditch and channel excavation;
- (5) 4,215 c.y. struc. excav.;
- (6) 580,000 cu. yds. overhaul;
- (7) 12,800 c.y. imported borrow;
- (8) 150 sta. finishing rdwy.;
- (9) 43,000 sq. yds. prepare, mix and shape roadbed;
- (10) 41 tons liquid asph., SC-2, prime coat;
- (11) 350 tons liquid asph. SC-3, road mix;
- (12) 41 tons liquid asph., 90-95 seal coat;
- (13) 300 tons screenings, seal coat;
- (14) 339 c.y. Class A Portland cement concrete struc.;
- (15) 46,000 lbs. bar. reinf. steel struc.;
- (16) 52 FMBM dense select all-heart struc. Redwood timbers;
- (17) 33 FMBM select do;
- (18) 768 lf. timber bridge railing;
- (19) 110 c.y. rubble masonry;
- (20) 392 lf. 8-in. CMP;
- (21) 1,366 lf. 18-in. CMP;

- (22) 430 lf. 24-in. CMP;
- (23) 58 lf. 30-in. CMP;
- (24) 396 lf. 36-in. CMP;
- (25) 142 lf. 48-in. CMP, 12 gauge;
- (26) 120 lf. 48-in. CMP, 8 gauge;
- (27) 138 lf. 60-in. CMP;
- (28) 16 each spillway assemblies;
- (29) 1,670 lf. laminated guard rail;
- (30) 49 each culvert markers;
- (31) 140 each guide posts;
- (32) 13 miles new property fence;
- (33) 10 each drive gates;
- (34) 12 each Redwood drift inlet covers;
- (35) 6 each clearance markers;
- (36) 81 each monuments complete in place.

The waste will furnish CMP, band couplers and spillway assemblies. Total bids follow: (A) Metropolitan Const. Co., 208 W 8th St., Los Angeles, \$14,719.30 (B) George K. Thompson & Co., Los Angeles, \$12,413.45 (C) Young & Son Co., Ltd., Berkeley, \$12,423.76 (D) Macco Const. Co., Clearwater, \$12,546.95 (E) A. Teichert & Son, Inc., Sacramento, \$12,770.90 (F) Louis Blaisdell & Son, Stockton, \$12,265.50 (G) Hemstreet & Bell, Marysville, \$14,048.05 (H) Crow Bros. Const. Co., Los Angeles, \$14,238.90 (I) D. W. Thurston, Los Angeles, \$13,068.25 (J) Claude Fisher Co., Ltd., Los Angeles, \$15,707.30. Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1) .....	\$55.00	\$45.00	\$35.50	\$50.00	\$45.00	\$30.00	\$35.00	\$70.00	\$65.00	\$60.00
(2) .....	1.00	2.00	1.50	2.50	2.75	2.00	1.50	2.00	2.50	2.50
(3) .....	.38	.39	.365	.42	.37	.38	.45	.385	.53	.57
(4) .....	1.00	1.00	90	1.25	90	1.00	1.25	1.25	60	1.50
(5) .....	1.00	1.50	1.50	1.50	1.50	1.50	1.85	1.85	1.50	2.00
(6) .....	.005	.008	.006	.005	.005	.005	.01	.01	.005	.005
(7) .....	.45	.43	.46	.40	.40	1.30	.90	1.00	.60	.50
(8) .....	10.00	10.00	6.50	9.00	5.00	7.00	7.00	10.00	5.50	10.00
(9) .....	.08	.06	.065	.06	.06	.05	.05	.13	.05	.08
(10) .....	10.00	11.25	13.15	13.50	14.00	17.00	16.50	18.00	15.85	11.50
(11) .....	12.00	12.00	14.35	14.50	16.00	18.00	16.50	12.00	17.25	13.50
(12) .....	14.00	17.50	16.50	22.00	18.00	19.00	20.00	18.00	25.00	17.50
(13) .....	3.50	3.00	6.00	3.00	3.65	3.00	4.00	4.00	5.00	3.85
(14) .....	15.00	18.00	24.00	17.00	20.00	25.00	22.00	27.50	22.50	24.00
(15) .....	.06	.06	.055	.07	.06	.07	.06	.06	.07	.06
(16) .....	100.00	115.00	105.00	116.00	25.00	100.00	110.00	119.00	127.00	120.00
(17) .....	90.00	95.00	115.00	100.00	120.00	100.00	110.00	110.00	117.00	115.00
(18) .....	2.50	2.50	3.70	2.00	4.00	2.50	2.50	3.50	3.00	3.00
(19) .....	7.00	15.00	15.00	15.00	18.00	20.00	20.00	22.00	25.00	20.00
(20) .....	.20	.30	.39	.20	.35	.20	.30	.25	.25	.20
(21) .....	.50	.40	.50	.30	.40	.30	.40	.40	.35	.30
(22) .....	.60	.50	.70	.50	.50	.50	.60	.50	.45	.50
(23) .....	.70	.60	.85	1.00	.60	.75	.90	.75	.60	.50
(24) .....	.80	.70	1.15	1.50	.75	1.05	1.10	1.00	.75	.60
(25) .....	1.00	1.10	2.10	2.00	1.25	1.50	2.00	1.25	1.00	.80
(26) .....	1.00	1.50	2.10	2.00	1.50	1.50	2.25	1.50	2.00	.80
(27) .....	1.50	2.50	3.15	2.50	2.00	3.00	2.50	2.00	1.25	1.00
(28) .....	5.00	5.00	5.00	1.50	10.00	5.00	10.00	8.00	6.00	5.00
(29) .....	.80	1.10	1.15	1.10	1.15	1.50	1.40	1.25	1.10	1.00
(30) .....	2.50	3.00	2.15	3.00	3.00	2.50	2.50	3.00	3.00	3.00
(31) .....	2.50	3.00	2.15	2.50	2.75	2.50	2.50	3.00	3.00	2.50
(32) .....	400.00	500.00	550.00	600.00	700.00	600.00	700.00	570.00	600.00	700.00
(33) .....	20.00	20.00	20.00	15.00	20.00	25.00	20.00	20.00	15.00	20.00
(34) .....	10.00	10.00	5.00	5.00	10.00	15.00	10.00	5.00	10.00	5.00
(35) .....	10.00	10.00	5.00	10.00	12.00	15.00	10.00	10.00	2.00	10.00
(36) .....	3.00	3.00	3.00	4.00	3.50	3.00	3.00	3.00	3.00	3.00

APPLICATION MADE  
BAKERSFIELD, Kern Co., Calif.—The Bakersfield City Council has made formal application to the state health department for permission to build a sewage disposal plant. Plans are being prepared by City Engineer Joe Hoifeider. \* 32

APPLICATION CONSIDERED  
BAKERSFIELD, Kern Co., Calif.—The Bakersfield City Council has under consideration an application to the WPA for funds to finance a \$131,284 curb and gutter project. Of this amount the city will contribute \$1,872, the government \$27,112, and the property owners, \$102,400. \* 32

CONTRACT AWARDED  
ALBANY, Alameda Co., Cal.—John Pestana, 4039 Fruitvale Ave., Oakland, at \$10,048.55 was awarded contract by the Albany City Council, City Clerk, Albany, for constructing a sewer in Cortland Ave. between Curtis and Masonic Streets.

33— WATER WORKS  
TOPPENISH, Yakima Co., Wash.—Until Oct. 21, 9:30 a.m., bids will be received by Aleta A. Bennett, City Clerk, for a 200,000-gal. capacity elevated storage tank. Alternates on steel and concrete; \$30,000 bond issue approved to finance this work and the well which has already been completed. Plans and specifications may be obtained at the above office upon deposit of \$5.00. \*

CONTRACT AWARDED  
SAN DIEGO, Calif.—Harry L. Foster, 4348 Hilldale Road, San Diego, at \$8,995 (Item 1) and Chicago Bridge & Iron Works, 526 Rialto Bldg., San Francisco, at \$8,590 (Item 2), were awarded contracts by Lt. Comdr. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8570, for improvements to the water supply main at the Naval Operating Base, San Diego.

Work involves: (1) 2340 ft. 6-in. and 8-in. cast iron water pipe and fittings, (2) two water pumps with motors, rated 50 gals. per minute; (3) 50,000-gallon elevated tank and tower.

RECOMMENDED  
TAFT, Kern Co., Calif.—Mayor E. C. Emmons and the City Council committee appointed to study the fire main problem in Taft, have recommended that the city expend \$15,000 for the provision of a circulating system for the city water mains, eliminating dead ends. \* 33

LOW BIDDER  
MODOC CO., Calif.—J. P. Brennan, Redding, at \$5,973.50, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for extending the existing reinforced concrete box culvert and constructing a new reinforced concrete box culvert, near the east city limits of Alturas, Modoc Co.

BIDS WANTED  
SANTA CLARA CO., Calif.—Until Oct. 18, 11 a.m., bids will be received by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of the channel of the Silver Creek, from Jackson Avenue to the Coyote Creek, Santa Clara County. Plans and specifications may be obtained upon the deposit of \$2.50 from the above office.

Multnomah and Hood River Cos., Ore.—Hwy. Const.—Govt.

- (9) 1,000,000 sta., yd. special overhead metal pipe; do;
- (10) 18,000 sta., yd. 18-in. bit. coated corr. sheet metal pipe, type 1;
- (11) 201 submitted bids for 18-in. bit. coated corr. sheet metal pipe, type 1;
- (12) 1 acre roadside cleanup;
- (13) 0.757 mile finishing earth grad- ing Bldg., Portland, for constructing or improving the Columbia River Highway Re-construction Grading Project, Multnomah and Hood River Cos., Multnomah, Ore.
- Work involves:
- (1) All required maintenance of spe- cial detours;
- (2) All required extra and misc. force account work;
- (3) 20 acres scrubbing;
- (4) 30 sq. ft. scrubbing;
- (5) 40 sq. ft. selective removal of trees;
- (6) 3,000 c.y. stripping and storing topsoil;
- (7) 245,000 c.y. unclass. excav.;
- (8) 1,200 c.y. do for struc.

- (9) 1,000,000 sta., yd. special overhead metal pipe; do;
- (10) 18,000 sta., yd. 18-in. bit. coated corr. sheet metal pipe, type 1;
- (11) 201 submitted bids for 18-in. bit. coated corr. sheet metal pipe, type 1;
- (12) 1 acre roadside cleanup;
- (13) 0.757 mile finishing earth grad- ing Bldg., Portland, for constructing or improving the Columbia River Highway Re-construction Grading Project, Multnomah and Hood River Cos., Multnomah, Ore.
- Work involves:
- (1) All required maintenance of spe- cial detours;
- (2) All required extra and misc. force account work;
- (3) 20 acres scrubbing;
- (4) 30 sq. ft. scrubbing;
- (5) 40 sq. ft. selective removal of trees;
- (6) 3,000 c.y. stripping and storing topsoil;
- (7) 245,000 c.y. unclass. excav.;
- (8) 1,200 c.y. do for struc.

- (9) 1,000,000 sta., yd. special overhead metal pipe; do;
- (10) 18,000 sta., yd. 18-in. bit. coated corr. sheet metal pipe, type 1;
- (11) 201 submitted bids for 18-in. bit. coated corr. sheet metal pipe, type 1;
- (12) 1 acre roadside cleanup;
- (13) 0.757 mile finishing earth grad- ing Bldg., Portland, for constructing or improving the Columbia River Highway Re-construction Grading Project, Multnomah and Hood River Cos., Multnomah, Ore.
- Work involves:
- (1) All required maintenance of spe- cial detours;
- (2) All required extra and misc. force account work;
- (3) 20 acres scrubbing;
- (4) 30 sq. ft. scrubbing;
- (5) 40 sq. ft. selective removal of trees;
- (6) 3,000 c.y. stripping and storing topsoil;
- (7) 245,000 c.y. unclass. excav.;
- (8) 1,200 c.y. do for struc.

- (D) Sam Orino, Bonneville, \$121,031.
- (E) Berke Brothers, Inc., Portland, \$125,836.00.
- (F) Colonial Const. Co., Spokane, \$125,847.10.
- (G) Clifford A. Dunn, Klamath Falls \$125,850.00.
- (H) \$129,867.00 & Slate, Multnomah, \$129,867.00.
- (I) J. C. Papin, Carson, Wash., \$132,- 541.80.
- (J) Kern & Kibbe, Portland, \$138,- 792.00.
- (K) Whitall & Co., Inc., Seattle, \$138,- 920.00.
- (L) Carl Eyberg, Spokane, \$139,091.
- (M) Joplin & Eldon, Portland, \$140,- 081.00.
- (N) Harold Blake, Portland, \$145,435.
- (O) A. C. Greenwood Co., Inc., Port- land, \$145,435.00.
- (P) Parker-Schram Co., Portland, \$158,481.40.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(2)	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
(3)	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
(4)	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
(5)	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
(6)	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00	12500.00
(7)	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
(8)	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00	17500.00
(9)	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00
(10)	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00	22500.00
(11)	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00	25000.00
(12)	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00	27500.00
(13)	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
(14)	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00	32500.00
(15)	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00	35000.00
(16)	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00	37500.00
(17)	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00	40000.00
(18)	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00	42500.00
(19)	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00	45000.00
(20)	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00	47500.00
(21)	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
(22)	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00	52500.00
(23)	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00	55000.00
(24)	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00	57500.00
(25)	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00
(26)	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00	62500.00
(27)	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00	65000.00
(28)	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00	67500.00
(29)	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00	70000.00
(30)	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00	72500.00
(31)	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00	75000.00
(32)	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00	77500.00
(33)	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## U. S. FOREST SERVICE

**SAN FRANCISCO.**—Until Oct. 8, 2 p.m., bids will be received by the Forest Service, Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1175, for furnishing a 24-in. by 45-ft. anti-friction bearing, sectionalized belt conveyor; f.o.b. bidder's shipping point.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

October 11, 2 P. M.

BID NO. 5223—Millwork of various sizes; f.o.b. McCloud, Calif.

BID NO. 5224—Warm air type heating system; f.o.b. Quincy, Calif.

October 13, 2 P. M.

BID NO. 5225—50 gallons enamel; f.o.b. Government Island.

## LOS ANGELES CITY

**LOS ANGELES, Calif.**—Until Oct. 8, 10 a.m., bids will be received by the Los Angeles Water & Power Purchasing Agent for 600 cu. ft. hydrogen gas; No. 4168.

## MET. WATER DISTRICT

**LOS ANGELES, Calif.**—Until Oct. 26, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for 75 potheads and 15 stops for use in connection with motor circuits at Colorado River Aqueduct pumping plants. Spec. 233. The items are:

Sched. 1 to 5, inclusive—15,000-volt potheads;

Sched. 6 and 7—15,000 stop joints.

Certified or cashier's check for 10% must accompany bid.

## CANAL ZONE

**PANAMA CANAL.**—Until Oct. 18, 10:30 A. M., bids will be received by General Purchasing Officer, Washington, D. C., under Circ. Sch. No. 3282, for furnishing structural steel and bronze expansion bearing plates for superstructure of Dock 15, Balboa, C. Z.

Work involves:

1) 3,200,000 lbs. struc. steel for superstructure of Dock 15, Balboa, bet. Dock 16 and Pier No. 7;

2) 12,000 lbs. bearing plates, expansion, bronze.

First Alternate:

1A) 3,250,000 lbs. struc. steel for superstructure of Dock 15, Balboa, bet. Dock 16 and Pier No. 7;

2A) 12,000 lbs. bearing plates, expansion, bronze.

Second Alternate:

1B) 3,230,000 lbs. struc. steel for superstructure of Dock 15, Balboa, bet. Dock 16 and Pier No. 7;

2B) 12,000 lbs. bearing plates, expansion, bronze.

Plans and specifications may be obtained from the above office.

## WAR DEPARTMENT

**FORT MASON, Cal.**—Until Oct. 18, 10 A. M., bids will be received by the Purchasing and Contracting Office, Maj. D. Grove, Quartermaster Corps Fort Mason, San Francisco, under Bid No. 925-38-99, for furnishing two independent focusing binoculars and one sextant with stellar horizon mirror; fob Dock No. 1, Fort Mason. \*

**SAN FRANCISCO.**—Until Oct. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-48, for furnishing manila rope. Lot 1: 2580 lbs. fob Piers 3 1/2 and 27, waterfront, San Francisco, and U. S. Engineer Storehouse, Presidio, San Francisco. Lot 2: 4960 lbs. fob Los Angeles.

**SACRAMENTO, Cal.**—Until Oct. 13 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-98, for furnishing: (1) 1200 94-lb. bags of portland cement; (2) 120 cu. yd. sand; (3) 175 cu. yd. stone; fob near Kirkville, Sutter County, Calif.

**FORT MASON, Calif.**—Until Oct. 11, 10 a.m., bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. 6616-38-3, for furnishing lumber, nails, gutters and asphaltic floor covering; f.o.b. job site. Letterman General Hospital.

**SAN FRANCISCO.**—Until Oct. 11, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-46, for furnishing 3500 barrels of oil, fuel, Navy Standard, Bunker "C". Delivery shall be made by pipe line from the wharf at Crescent City to the U. S. Dredge "San Pablo" \*

## NAVY DEPARTMENT

**BREMERTON, Wash.**—Bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, for furnishing supplies and materials, as follows:

OCTOBER 5, 10 A. M.:  
REQ. NO. 81512: One stationary electric, 44-in. roll ironer; fob Pier No. 5, Seattle.

OCTOBER 15, 10 A. M.:  
REQ. NO. 81581: Valves of various sizes; fob Puget Sound Navy Yd.

OCTOBER 19, 10 A. M.:  
REQ. NO. 81515: Steel valves; fob U. S. S. Whitney;

REQ. NO. 810114: Cabinets, stoppers, washers, etc.; fob Puget Sound Navy Yard.

OCTOBER 21, 10 A. M.:  
REQ. NO. 810109: 48,100 lbs. composition valves; fob Puget Sound Navy Yard.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials, as follows:

October 11, 10 A. M.  
BID NO. 4553—11,000 ft. one-inch

channel; f.o.b. Aquatic Park, Larkin and Beach Sts., San Francisco.

October 13, 10 A. M.

BID NO. 4552—Steel doors, frames and gates; f.o.b. Zoological Gardens, Skyline Blvd., San Francisco.

October 15, 10 A. M.

BID NO. 4558—Hinges, bolts, latches, door closers and plates; f.o.b. Zoological Gardens, San Francisco.



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## IN THIS ISSUE



Alta Low on Bay Bridge  
Railway Catenary

♦ ♦ ♦ ♦

*Bids on State Jobs Total \$223,180*

♦ ♦ ♦ ♦

Building Permits, Advance Reports  
of Building and Engineering  
Projects

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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., OCTOBER 16, 1937

No. 39

## S. F. FIRM BIDS \$484,507; TWO OTHER BIDDERS

**Kenney Electric, Radelfinger Bros. Also Submit Proposals**

Alta Electric & Mechanical Co., 467 O'Farrell street, San Francisco, yesterday submitted the lowest of three proposals to the San Francisco-Oakland Bay Bridge division of the State Department of Public Works for construction of catenary and feeders for the electric interurban railway system across the bridge.

Amount of the low proposal was \$484,507. The figure is an over-all total for work on the main bridge and San Francisco loop, and in the East Bay yard. All three bidders submitted figures for the entire project.

Other bidders, and their total proposals, were:

Kenney Electric Co., San Francisco, \$490,457.

Radelfinger Bros., San Francisco, \$519,650.

### Close Bidding

Close and consistent bidding on some individual items, and wide variance of figures on others, marked the proposals.

One electrical contractor present at the opening said this was due largely to the fact that there was "little room for guesswork" in the bidding schedule, the item arrangement being largely for payment purposes. He said differences in bids on single items were principally accounted for by the fact that some work was listed by one contractor under one item, and by a second under an entirely different item, the end result being practically the same.

### Extensive Program

Award of the contract for the trolley and feeder work will place under construction the major portion of the big job, which is to be completed late next year, allowing direct "commuter" railway service between San Francisco and East Bay points for the first time in history.

## MOUNTAIN CONSTRUCTION SUBMITS LOW BID FOR CALAVERAS GRADING

SACRAMENTO, October 13.—The State Highway Commission today opened bids on four contracts for roadwork aggregating \$223,180 in Mono, Kings, Inyo and Calaveras counties.

Thirteen bids were submitted on the largest contract, which called for grading and applying liquid asphalt to 6.1 miles of highway between San Andreas and two and one-half miles east of Valley Springs in Calaveras county.

Low bidder was Mountain Construction Company of Sacramento, at \$133,167.45. Second lowest bidder was Hemstreet and Bell, at \$137,381.70. Other bidders included: D. W. Thurston, \$139,011.30; Larsen Brothers and Harms Brothers, \$139,219.80; Louis Biasotti & Son, \$139,915.50; Earl W. Heple, \$140,608.70; and George Pollock, \$141,487.65.

### Kings Paving

Piazza and Huntley, San Jose, at \$62,648.50, submitted the low proposal on the second largest job for which bids were opened here today. The job involved paving 6.4 miles of highway with asphalt concrete between Alcorn Bridge Corner and Hanford in Kings county. Seven firms submitted bids.

The Mono county job involved about 2.2 miles of highway between Route 23 and June Lake.

Low bidder was J. V. Galbraith and Don A. Canaveri, Santa Rosa, at \$17,715.75; C. A. Baker, at \$17,937, submitted the second lowest bid, followed by Basich Brothers, at \$19,422.25.

### Other Bidders

Paulsen and March, Inc., Los Angeles, submitted the low bid on the smallest job for which bids were opened today. They bid \$9648 for applying penetration oil to 20.5 miles of existing roadbed between Panamint Sink and 1.1 miles east of Saline Valley Road in Inyo county. Basich Brothers, at \$10,256, submitted the second lowest bid. Other bidders were: Oilfields Trucking Company, at \$11,128; and J. B. Breen, at \$15,512.

The job involved 800 tons of liquid asphalt SC-2 penetration treatment. The low bidder's unit bid was \$12.60 per ton. Other unit bids, in the order of the total bid, were: \$12.82, \$13.91 and \$19.39.

## BIDS NOV. 8 FOR \$420,000 KERN SCHOOL

From Kern County last week came two bid calls for construction of a new Junior High School in East Bakersfield, estimated to cost \$420,000, and a grammar school addition in Wasco, estimated at \$60,000.

Bids for the new \$420,000 junior high school in East Bakersfield will be opened November 8. Plans for the plant were prepared by Architect Charles H. Biggar of Bakersfield and may be obtained from him upon deposit of \$25.

The proposed junior high school will consist of a Class A, two-story and basement classroom building with an auditorium to seat 1000 people, and a gymnasium.

The gymnasium will be of structural steel and reinforced concrete construction. The tile and composition roof will be of steel and wood construction. Steam heating facilities will be installed.

The job is one of the largest school projects proposed in Kern County for some time, although an extensive school construction program has been underway in the county for the past year.

Mark Falk of Los Angeles is the structural engineer on the project. Owner of the junior high school is the Kern County Union High School District.

The Wasco Union Elementary School District will open bids November 1 for construction of a two classroom unit, a cafeteria and a toilet building for the Wasco Grammar School.

Plans for the \$60,000 reinforced concrete addition were prepared by Architects Perrine and Mackie.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
941	Allison	Owner	4000
942	Allison	Owner	4500
943	Bell-Brook	Cork Ins.	1600
944	Gifford	Barrett	1000
945	Jeddis	Jacks	1500
946	McFarland	Owner	1000
947	Mech's. Inst.	Owner	2000
948	Muscetti	Siggs	2500
949	Segall	Sbarboro	8000
950	Blaloto	Owner	2000
951-8	Doelger	Owner	3500
954	Rousseau	Owner	12000
955	Smith	Johnson	7000
956	Zagoven	Stolke	1000
957	Beatty	Bourdét	2750
955-62	Stoneson	Owner	3500
963	Stoneson	Owner	5500
964	Yonker	Klahn	1000
965	Balboa	QRS	1600
966	Cowbridge	Cornblum	5000
967	Higgin	Magnus	3000
968	Marron	Owner	5000
969	McCarthy	Aetna	4000
970	Green	Ingerman	5000
971	Richter	Owner	3500
972	Sachs	Hinson	5000
973	Sheehan	Graham	5000
974	Herschlin	Salomon	1400
975	Mialibich	Coburn	1000
976	Mortola	Owner	9000
977	Myers	Liebman	2000
978	Palace	Monson	1900
979	Rousseau	Owner	4000
980	Tidewater	Owner	12000
981	Weinstein	Gibbs	1832

### DWELLING

(941) W. FUNSTON AVE., 25 S KIRKHAM. One-story and basement frame dwelling.  
Owner—Ray Allison, 111 Taylor St.  
Architect—Not Given. \$4000

### DWELLING

(942) SW FUNSTON AND KIRKHAM. One-story and basement frame dwelling.  
Owner—Ray Allison, 111 Taylor St.  
Architect—Not Given. \$4500

### ALTERATIONS

(943) 1195 HOWARD ST. Alter Dairy.  
Owner—Bell-Brook Dairies, Inc., Prem.

Contractor—Cork Insulation Co., Inc., 462 Bryant St.  
Architect—Not Given \$1600

### ALTERATIONS

(944) 2142 PIERCE ST. Alter flats.  
Owner—G. E. Gifford, Prem.  
Contractor—Barrett & Hilp, 918 Harrison St.  
Architect—Not Given. \$1000

### ALTERATIONS

(945) 101 SEA CLIFF AVE. Alter dwelling.  
Owner—Frank L. Jeddis, c/o Contractor.  
Contractor—Jacks & Irvine, 620 Market St.  
Architect—Not Given. \$1500

### ALTERATIONS

(946) 137 11TH AVE. Alter dwelling.  
Owner—J. H. McFarland, 710 47th Ave.  
Architect—Not Given \$1000

### ALTERATIONS

(947) 61 POST ST. Alter stores and office.  
Owner—Mechanics Institute, 57 Post Street.  
Architect—Not Given \$2600

### DWELLING

(948) NW CARR, 25 SW PAUL AVE. One-story and basement frame dwelling.

Owner—S. Muscetti, 18 Carr St.  
Contractor—Arthur R. Siggs, 2314 19th Ave.  
Architect—Not Given. \$2500

### FLATS

(949) E. OCTAVIA, 75 N GREEN-WICH. Two-story frame flats.  
Owner—Louisa Segali, 1565 Chestnut.  
Contractor—Sbarboro & Jorgensen, 207 Walnut St.  
Architect—John H. Ahnden, 822 39th Ave. \$8,000

### ALTERATIONS

(950) N. EDINBURGH, 50 W OF FRANCE. Alter dwelling.  
Owner—Frank Blaloto, 705 Edin-burgh.  
Architect—Not Given. \$2000

### DWELLING

(951) W. 18TH AVE., 275 N NORIEGA ST. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$3500

### DWELLING

(952) W. 18TH AVE., 225 N NORIEGA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$3500

### DWELLING

(953) W. 18TH AVE., 250 N NORIEGA. One-story frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$3500

### FLATS

(954) E. PARKER AVE., 215 S OF TURK ST. Two-story and basement frame flats.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$12,000

### DWELLING

(955) E. CASTENADA, 127 S OF PACHECO. Two-story and basement frame dwelling.  
Owner—James W. Smith, c/o Architect.  
Contractor—Joel Johnson & Son, 1614 Church St.  
Architect—Resing & McGuiness, 488 Pine St. \$7000

### ALTERATIONS

(956) SE FRANKLIN AND OAK STS. Alter service station.  
Owner—W. Zagoven, Jackson and Van Ness Ave.  
Contractor—F. C. Stolte Co., Alameda.  
Architect—Not Given. \$1000

### ALTERATIONS

(957) 1300 JONES ST. Alter dwelling.  
Owner—James K. Beatty, Prem.  
Contractor—W. Bourdét, 318 Linden St.  
Architect—Not Given. \$2570

### DWELLING

(958) SW MT VERNON, 110 NW CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Harold G. Stoner, 35 Vicente Ave. \$3500

### DWELLING

(959) SW MT. VERNON, 185 NW CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd  
Architect—Harold G. Stoner, 35 Vicente Ave. \$3500

### DWELLING

(960) SW MT. VERNON, 85 NW CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd  
Architect—Harold G. Stoner, 35 Vicente Ave. \$3500

### DWELLING

(961) SW MT. VERNON, 160 NW CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd  
Architect—Harold G. Stoner, 35 Vicente Ave. \$3500

### DWELLING

(962) SW MT. VERNON, 135 NW CAYUGA. One-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd  
Architect—Harold G. Stoner, 35 Vicente Ave. \$3500

### DWELLING

(963) W. BEACHMONT DR., 228 S SLOAT BLVD. Two-story and basement frame dwelling.  
Owner—Stoneson Bros., 1 Sloat Blvd.  
Architect—Harold G. Stoner, 35 Vicente Ave. \$5500

### ALTERATIONS

(964) 245 WHITNEY ST. Alter dwelling.  
Owner—Edna Yonker, Prem.  
Contractor—Walter H. Klahn, 2438 Funston Ave.  
Architect—Not Given. \$1000

### ALTERATIONS

(965) 3630 BALBOA ST. Alter marquee.  
Owner—Balboa Theatre, Prem.  
Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave.  
Architect—Not Given. \$1600

### DWELLING

(966) NW NORIEGA AND 48TH AVE. One-story and basement frame dwelling.  
Owner—Ida M. Cowbridge, 4260 Irving St.  
Contractor—Edward Cornblum, 2200 47th Ave.  
Architect—Not Given. \$5000

### DWELLING

(967) W. 44TH AVE., 375 N SANTIAGO. One-story and basement frame dwelling.  
Owner—Edna Higgin, 62 Monterey Blvd.  
Contractor—Magnus and Redenburger, 283 4th Ave.  
Architect—Not Given. \$3000

### ALTERATIONS

(968) 2036 FILLMORE ST. Alter Creamery.  
Owner—Ward Marron, 2465 Sacramento.  
Architect—Not Given. \$5000

### DWELLING

(969) N AGNA WAY, 68 W TERE SITA BLVD. One-story and basement frame dwelling.  
Owner—The McCarthy Co., 333 Kearny St.  
Contractor—Aetna Constr. Co., 173 24th Ave.  
Architect—Not Given \$4000

**DWELLING**  
 (970) E. 15TH AVE., 200 N WAWO-  
 NA. One-story and basement  
 frame dwelling.  
 Owner—F. E. Odeen, 4426 18th St.  
 Contractor—C. Ingerman, 280 Clare-  
 mont Blvd.  
 Architect—C. O. Clausen, 716 46th  
 Ave. \$5000

**ALTERATIONS**  
 (971) 259 1/2 FILLBERT ST. Alter apts.  
 Owner—Ernest J. Richter, 550 Stock-  
 ton St.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (972) 37 PACIFIC ST. Alter office.  
 Owner—Sachs Estate, 310 Tehama  
 St.  
 Contractor—L. A. Hinson, 756 4th  
 Ave.  
 Architect—Not Given. \$5000

**DWELLING**  
 (973) NE GLADYS AND APPLE-  
 TON. Two-story and basement  
 frame dwelling.  
 Owner—D. & M. Sheehan, Prem.  
 Contractor—Graham & Jensen, 728  
 35th Ave.  
 Architect—Not Given. \$5000

**ALTERATIONS**  
 (974) 258 LEXINGTON AVE. Alter  
 flats.  
 Owner—Mr. Herschlin, c/o Contrac-  
 tor.  
 Contractor—L. Salomon, 1734 Broder-  
 ick St.  
 Architect—Not Given. \$1400

**ALTERATIONS**  
 (975) 514 BAKER ST. Alter flats.  
 Owner—Milo Miallobick, Prem.  
 Contractor—Ira W. Coburn, 2048 Mar-  
 ket St.  
 Architect—Not Given. \$1000

**FLATS**  
 (976) N. BEACH, 162 E BRODER-  
 ICK. Two-story frame flats.  
 Owner—A. P. Mortola, 64 Mallorca  
 Way.  
 Architect—Not Given. \$9000

**ALTERATIONS**  
 (977) 1531-33 BEACH ST. Alter  
 flats.  
 Owner—Mrs. Myers, Prem.  
 Contractor—Ben Liebman, 3719 Fill-  
 more St.  
 Architect—J. Goldstein, 1200 Oak St.

**ALTERATIONS**  
 (978) SW MONTGOMERY &  
 MARKET STS. Alter hotel.  
 Owner—Palace Hotel Co., Prem.  
 Contractor—Monson Bros., 475 6th  
 St.  
 Architect—Not Given. \$1900

**DWELLING**  
 (979) W CHABOT, 105 N GOLDEN  
 GATE. One-story and basement  
 frame dwelling.  
 Owner—Oliver M. Rousseau, 321  
 Kearny St.  
 Architect—Not Given. \$4000

**SERVICE STATION**  
 (980) SW 25TH AND POTRERO.  
 Steel service station.  
 Owner—Tide Water Associated Oil  
 Co., 79 New Montgomery St.  
 Architect—Vincent G. Ranev, 233  
 Post St. \$12,000

**ALTERATIONS**  
 (981) 1041 MARKET ST. Alter  
 store.  
 Owner—Weinstein Co., Prem.  
 Contractor—M. Gihhs, 2116 Fillmore  
 St.  
 Architect—Not Given. \$1822

**ALAMEDA COUNTY**

No.	Owner	Contractor	Am't.
829	Calif. Con.	Owner	8500
830	Ferre	Paterson	1276
831	Flagg	Owner	4500
832	Pond	Pond	3500
833	Scherman	Spivock	4000
834	Shepard	Alder	3500
835	Sutherland	Constable	4000
837	Elliott	Malott	10000
838	Penny	Brown	5000
839	Casseleggio	Peirce	4500
840	Clifford	Kimball	2500
841	Glenrdon	Waldman	5500
842	Heraty	Jensen	3500
843	Smallcomb	Dam	5500
836	Danforth	Walker	6000
844	Kreig	Paterson	1000
845	Hitchcock	Sorensen	8000
846	Jackson	Walker	6000
847	Petersen	Livingston	2500
848	Filshury	Armstrong	10000
849	Tirk	Walker	5000
850	Adams	Owner	2000
851	Clough	Anderson	1250
852	Johanson	Owner	3000
853	Perry	Bragg	3500
854	Reynolds	Dooley	4500
855	Schroeder	Armstrong	8000

**BUILDING**  
 (829) 801 PARKER, BERKELEY.  
 One-story 1-room building for  
 pipe storage.  
 Owner & Builder—Calif. Corr. Cul.  
 Co., 5th and Parker.  
 Architect—Not Given. \$8500

**ADDITION**  
 (830) 3400 MAPLE AVENUE, OAK-  
 LAND. Addition.  
 Owner—Mrs. S. Ferre, Prem.  
 Contractor—Walter F. H. Paterson,  
 3010 Bona St.  
 Architect—Not Given. \$1276

**DWELLING**  
 (831) 3362 HERRIER ST., OAK-  
 LAND. Two-story 6-room dwell-  
 ing.  
 Owner & Builder—A J. Flagg, 3743  
 Loma Vista Ave.  
 Architect—Not Given. \$4500

**DWELLING**  
 (832) 3566 66TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Josephine K. Pond, 1056 Ard-  
 more Ave.  
 Contractor—C. P. Pond, 1056 Ard-  
 more Ave.  
 Architect—Not Given. \$3500

**DWELLING**  
 (833) 1566 26TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Sol Scherman, 1528 26th Ave.  
 Contractor—Wm. Spivock, 544 Gold-  
 en Gate Ave.  
 Architect—Not Given. \$4000

**DWELLING**  
 (834) 2035 35TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—A. E. Shepard, 401 Carmel  
 St., Albany.  
 Contractor—E. W. Alder, 414 Lee St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (835) 1965 GOSPER DRIVE, OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—R. A. Sutherland, 127 Green-  
 bank Ave., Piedmont.  
 Contractor—W. C. Constable, 8431 A  
 St., Hayward  
 Architect—Not Given. \$4600

**DWELLING**  
 (836) 1036 CRESTON, BERKKE-  
 LEY. One-story 6-room frame  
 dwelling nad garage.  
 Owner—R. S. Danforth, 670 Creston.  
 Contractor—J. M. Walker, 401 Spruce  
 Architect—Not Given. \$6000

**DUPLEX**  
 (837) 1688 LA LOMA, BERKELEY.  
 Two-story 10-room duplex and  
 garage.  
 Owner—Eokanna Elliott, Scenic Ave.  
 Contractor—Earl M. Malott, 269 Sce-  
 nic Ave.  
 Architect—F. L. Confer, 3147 Clare-  
 mont. \$10,000

**ALTERATIONS**  
 (838) 2190 SHATTUCK, BERKE-  
 LEY. Alterations.  
 Owner—J. C. Penney, Inc., Prem.  
 Contractor—Henry Brown, 1387 E.  
 32nd St., Oakland.  
 Architect—Not Given. \$5000

**DWELLING**  
 (839) 4631 REINHARDT DR., OAK-  
 LAND. One-story 10-room dwell-  
 ing.  
 Owner—Ray Casseleggio, Prem.  
 Contractor—J. Ralph Peirce, 3942  
 Woodruff Ave.  
 Architect—Not Given. \$4500

**DWELLING**  
 (840) 6969 MERRIEWOOD DRIVE,  
 OAKLAND. One-story 4-room  
 dwelling.  
 Owner—Mrs. Grace Clifford, 4653 San  
 Sebastian Ave.  
 Contractor—Stanley Kimball, 2456  
 Hilgard Ave., Berkeley.  
 Architect—Not Given. \$2500

**DWELLING**  
 (841) 3334 HERRIER ST., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—E. Gendron, Prem.  
 Contractor—A. E. Waldman, 5409  
 Foothill Blvd.  
 Architect—Not Given. \$5500

**DWELLING**  
 (842) 6290 SWAINLAND ROAD,  
 OAKLAND. One-story 5-room  
 dwelling.  
 Owner—Phil Heraty, 488 Fairbanks  
 Ave.  
 Contractor—H. K. Jensen, 2757 Raw-  
 son St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (843) 3040 ARIZONA ST., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner—B. C. Smallcomb, 3926 Maple  
 Ave.  
 Contractor—J. A. Dam, 1318 E. 26th  
 St.  
 Architect—Not Given. \$5500

**ADDITION**  
 (844) 4163 LYMAN RD., OAKLAND.  
 Addition.  
 Owner—J. Kreig, Prem.  
 Contractor—J. B. Petersen & Son,  
 4021 Agua Vista St.  
 Architect—Not Given. \$1000

**ADDITIONS**  
 (845) 5 ROBLE COURT, BERKE-  
 LEY. Additions.  
 Owner H. H. Hitchcock, Prem.  
 Contractor—Walter Sorensen, 2940  
 Piedmont Ave.  
 Architect—W. H. Ratcliff, American  
 Trust Bldg., Berkeley. \$8000

**DWELLING**  
 (846) 2626 BUENA VISTA, BERKE-  
 LEY. Two-story 6-room frame  
 dwelling and garage.  
 Owner—J. H. Jackson, 1156 Keeler.  
 Contractor J. M. Walker, 101 Spruce.  
 Architect—Michael Goodman, 2163  
 Center St., Berkeley. \$6000

**REPAIRS**  
 (847) 2618 COLLEGE, BERKELEY,  
 BERKELEY. Repair fire dam-  
 age.  
 Owner—J. P. Peterson, Prem.  
 Contractor—W. M. Livingston & Son,  
 1152 Euclid.  
 Architect—Not Given. \$2500

## DWELLING

(848) 670 SPRUCE, BERKELEY.  
Two-story 6-room frame dwelling and garage.  
Owner—Arthur Pillsbury, Keith Ave.  
Contractor—J. R. Armatrong, 834 E. 10th St., Oakland.  
Architect—E. L. Snyder, 2104 Addison St., Berkeley. \$10,000

## DWELLING

(849) 2745 SHASTA, BERKELEY.  
One-story 5-room frame dwelling and garage.  
Owner—L. R. Frick, 1806 Walnut.  
Contractor—J. M. Walker, 401 Spruce.  
Architect—Not Given. \$5000

## ADDITION

(850) 1643 101ST AVE., OAKLAND.  
Two-story addition.  
Owner & Builder—Mrs. E. M. Adams, Prem.  
Architect—Not Given. \$2000

## WAREHOUSE

(851) 996 67TH AVE., OAKLAND.  
One-story warehouse.  
Owner—L. M. Clough, Prem.  
Contractor—A. F. Anderson, 1093 Longridge Rd.  
Architect—Not Given. \$1250

## DWELLING

(852) 2712 OCTAVIA S'., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—K. A. Johanson, 2057 High St.  
Also 1-story frame garage, \$200.  
Architect—Not Given. \$3000

## DWELLING

(853) 4549 MERRILL AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. Perry, 2833 Morgan Ave.  
Contractor—M. V. Bragg, 2937 Bond St.  
Architect—Not Given. \$3500

## DWELLING

(854) 4015 35TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Wm. M. Reynolds, Prem.  
Contractor—Fred T. Dooley, 4100 35th Ave.  
Architect—Not Given. \$4500

## DWELLING

(855) 1881 TRESTLE GLEN ROAD, OAKLAND. Two-story 6-room dwelling.  
Owner—E. N. Schroeder, Prem.  
Contractor—J. R. Armstrong, 834 E. 10th St.  
Architect—F. L. Confer, 3147 Claremont Ave., Berkeley, Calif. \$5000  
Also 1-story garage, \$250.

BUILDING CONTRACTS  
SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
187 McNear	Jensen	8090
No. Owner	Contractor	Amt.
190 Odeen	Ingerman	7675

## ALTERATIONS

(157) ALTA ST. Alter apartment house.  
Owner—F. McNear, Jr.  
Architect—Angus McSweeney, 604 Mission St.  
Contractor—G. P. W. Jensen.  
Filed Oct. 7, '37. Dated Sept. 28, '37  
75% 15th of month;  
25% usual 35 days.  
TOTAL COST, \$8090  
Bond, \$8,090. Surety, Columbia Casualty Co. Limit, Dec. 28, 1937. Plans and specifications filed

188 McCarthy Aetna 5635  
DWELLING  
(188) PTFN LOT 8 BLK 2959 Suh No. 4, Miraloma Park. One-story frame dwelling.

Owner—The McCarthy Company.  
Architect—Not Given.

Contractor—Aetna Const. Co.  
Filed, Sept. 8, '37. Dated, Oct. 4, '37.  
Progress payments.  
TOTAL COST, \$5,635  
Limit, 90 days. Plans and specifications filed.

## DWELLING

(190) E. 15TH AVE., 200 N WA-  
WONA ST. One-story and base-  
ment frame dwelling.  
Owner—P. E. and E. C. Odeen.  
Contractor—Charles Ingerman.  
Filed Oct. 11, '37. Dated Oct. 8, '37  
Frame up ..... \$1918.75  
Rough plastered ..... 1918.75  
Completion ..... 1918.75  
Usual 35 days ..... 1918.75  
TOTAL COST, \$7,675  
Limit, 150 days. Plans and specifications filed.

BUILDING CONTRACTS  
ALAMEDA COUNTY

No. Owner	Contractor	Amt.
125 Casaleggio	Anderson	5590
126 Huenergardt	D. Huenergardt	12000

## RESIDENCE

(125) POR. LOT 3, BLK 54, SUM-  
MIT DRIVE PARK, OAKLAND.  
Residence.  
Owner—Ray and Emily Casaleggio.  
Contractor—Walter H. Anderson.  
Filed Oct. 11, '37. Dated Oct. 4, '37  
Rough frame up ..... \$1390  
Rough plastered ..... 1390  
Completion ..... 1390  
Usual 35 days ..... 1390  
TOTAL COST, \$5560  
Forfeit, \$100 per day. Limit, ninety days. Plans and specifications filed.

## OFFICE BUILDING

(126) SW COR. TELEGRAPH AND  
RUSSELL STS., BERKELEY.  
One-story and basement frame  
office building.

Owner—H. A. Huenergardt.  
Architect—Williams & Wardell.  
Contractor—David G. Huenergardt.  
Filed Oct. 13, '37. Dated Oct. 11, '37  
Concrete found in place ..... \$2250  
Frame up ..... 2250  
Plastered ..... 2250  
Completion ..... 2250  
Usual 35 days ..... 3000  
TOTAL COST, \$12,000  
Limit, 90 days. Plans and specifications filed

SAN FRANCISCO CO. PERMITS  
UNDER \$1000

ALTER dwelling, \$100; 291 Union  
St. owner, Marjorie Slate, 305B  
Filbert St.; contractor, Geo.  
Moore, Filbert St.

ALTER restaurant, \$900; 1326 Powell  
St. owner, E. Sice, Prem.; con-  
tractor, Gaston Pele, 532 27th Av.

ALTER dwelling, \$75; 1859 9th Ave.;  
owner, A. Wilbers, Prem.

SIGN electric, \$250; 33 Fourth St.;  
owner, The Long Horn, Prem.;  
contractor, Apex Elec. Co., 363  
Fell St.

ALTER dwelling, \$20; 944 1/2 rent Ave.;  
owner, Jack Lococo, Prem.

ALTER garage, \$150; 2665 Pine St.;  
owner, O. Lind, 1162 Capitol St.

FLUES, \$300; SE Pine and Octavia;  
owner, Buddhist Mission of N.  
A. Prem.; contractor, Excelsior  
Furnace Co., 4269 Mission St.

FLUES, \$100; 931 Woolsey; owner,  
J. J. Carey, 1112 Larkin St.; con-  
tractor, W. Burian, 2555 San  
Bruno Ave.

ALTER dwelling, \$113; 113 Gates St.;  
owner, W. T. Knowles, Prem.

ALTER offices, \$50; 1942 Folsom St.;

owner, D. J. and T. Sullivan, 1942  
Folsom St.

ALTER dwelling, \$15; 1556 Thomas  
Ave.; owner, Emma Bestafeldt,  
Prem.

FLUE, \$40; 1092 Noe St.; owner, A.  
Larson, Prem.; contractor, Pyra-  
mid Furnace Co., 70 Otis St.

ALTER flats, \$150; 31 Pearl St.;  
owner, V. Felix, 1218 Hollister  
St.; contractor, E. Lombard, 1218  
Hollister St.

ALTER restaurant, \$350; 34-36 Ma-  
son St.; owner, John Kesling, c/o  
80 Post St.; contractor, Mangrum,  
Holbrook & Elkus, 301 Golden  
Gate Ave.

FLUE, \$55; 150 London St.; owner,  
Mary Cogan, 4459 Mission St.

ALTER dwelling, \$150; 138 Yerba  
Buena; owner, J. A. Hart, Prem.

ALTER store, \$380; 178 Geary St.;  
owner, C. J. Auger, 178 Geary  
St.; contractor, Mullen Mfg. Co.,  
69 Rausch St.

ALTER dwelling, \$250; 254 32nd Ave.;  
owner, Alce Donahue, Prem.;  
contractor, H. J. Davies Co., 3846  
Geary Blvd.

ALTER factory, \$180; 924 Folsom  
St. owner, American Trust Co.,  
464 California; contractor, Sunset  
Iron Works, 464 Harrison St.

FLUES, \$70; W. Arch, 225 N Ran-  
dolph; owner, C. R. Deveraux, 54  
Edgar Place; contractor, Carl  
Downall, 6048 Mission St.

ALTER apartments, \$800; 847 Fell  
St.; owner, L. Ledlar, Prem.; con-  
tractor, Norman Nelson, 385 Athens  
St.

ALTER dwelling, \$50; 2896 Folsom  
St.; owner, Peter Kurz, 3210 25th  
St.

FENCE, \$200; Columbus, bet. Pacific  
and Montgomery; owner, Whit-  
comb Estate, Alaska Commercial  
Bldg.; contractor, J. J. Irwin,  
1040 Oak St.

ALTER dwelling, \$100; 614 Utah St.;  
owner, Peter Butala, Prem.

ALTER dwelling, \$400; 2438 Taraval  
St.; owner, Parkside Realty Co.,  
Prem.; contractor, John A. Mar-  
shall, 4447 Mission St.

ALTER tenements, \$150; 1830 Beach  
St.; owner, Mrs. Blake, Prem.;  
contractor, Pearson & Johnson,  
2931 Bryant St.

ALTER beauty parlor, \$50; 323 Sut-  
ter St.; owner, M. Boxer, Prem.

FLUES, \$90; E. Nueva, 25 N Blan-  
ken; owner, Wm. Grahn, 2965  
Mission St.; contractor, W. Burian,  
2555 San Bruno Ave.

BILLBOARD, \$7; NE Cor 17th and  
Church Sts.; owner, Foster and  
Kleiser Co., 1675 Eddy St.

ALTER station, \$120; SE Oak and  
Franklin Sts.; owner, C. C. Bar-  
ber, 2901 Francisco St.

ALTER dwelling, \$500; SW Teresta  
Blvd. and Fowler Ave.; owner,  
Meyer Bros., Portola Dr.

ALTER dwelling, \$500; 719 36th Ave.;  
owner, E. Fuller, Prem.

SIGN electric, \$200; 363 Sutter St.;  
owner, Delmonico's, Prem.; con-  
tractor, Pacific Neon Mfg. Co.,  
2600 18th St.

ALTER dwelling, \$245; 1563 Quesada  
Ave.; owner, John G. Exley, Prem.

ALTER tavern, \$350; 5312 Geary  
Blvd.; owner, Wm. J. Reed, Prem.

ALTER dwelling, \$445; 232 Clipper  
St.; owner, Mrs. Hansen, Prem.;  
contractor, E. J. Lehman, 782  
Elizabeth.

SIGN electric, \$140; 1201 Golden Gate  
Ave.; owner, O'Connor & Mur-  
phy, Prem.; contractor, Pacific  
Neon Mfg. Co., 2600 18th St.

FLUE, \$25; 251 Bocana; owner, N.  
Caporaletti, Prem.; contractor,  
Carver-Niles Co., 1024 Clement  
St.

ALTER dwelling, \$150; 1503 Que-  
sada; owner, Josephine Hernan-  
dez, Prem.



# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 10.—Offices                                 |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and Lumber                |
| 8.—Club Buildings               | 17.—Theatres                                |
| 9.—Hospitals                    | 18.—Wharves & Docks                         |
| 10.—Hotels                      | 19.—Misc. Const.                            |
|                                 | 20.—Misc. Supplies & Co.                    |

### 1—APARTMENTS

**Completing Plans**  
**APARTMENTS** Cost, \$6,500  
 SAUSALITO, Marin Co., Calif.

Two-story frame and rustic apartment house, wood shake roof, gas fired heating system, tile baths, hardwood floors, wood sash, garages.

Owner—Withheld.  
 Architect—Conrad T. Kett, 519 California St., San Francisco.

### 3—CHURCHES

**Plans Completed**  
**CHURCH** Cost, \$.....  
 PETERSBURG, Alaska.

Frame church with main floor auditorium seating 300 and Sunday School in basement.

Owner—Petersburg Lutheran Church Congregation, Rev. E. S. Tollefson, Pastor.

Architect—William G. Brust, 732 Republic Bldg., Seattle.

The pastor will take general bids.

### COMPLETING WORKING DRAWINGS

LOS ANGELES, Cal.—Henry Carleton Newton, A. I. A., 502 Architects' Bldg., is completing working drawings for a new Class A modern-Gothic style reinf. conc. church bldg., to be known as St. Michael's Church, to be built at Manchester and Vermont Aves. for the Roman Catholic Archbishop, province of Los Angeles; Very Reverend Mnsgr. Michael O'Gorman, pastor. Estimated cost, \$150,000. Bids will be asked in about three weeks.

### 4—FACTORIES & WAREHOUSES

**PLANS COMPLETED**  
 LOS ANGELES, Calif.—Architects Marsh, Smith & Powell, 526 Architects' Bldg., have completed plans for a three-story reinforced concrete industrial building (120x160-ft.) to be built at 334 San Fernando Road for Goodwill Industries of Southern California, 343 N Main St. Cost, \$125,000.

### TAKING SEGREGATED BIDS

LOS ANGELES, Cal.—Architect M. P. Wilkinson, 6807 Hawthorne Ave., has completed plans for a reinforced concrete factory (162x250-ft.) to be built at 230 E Washington Blvd. for William Stoloff, 2525 Santa Fe Ave. Cost, \$52,500. Mr. Wilkinson is taking segregated bids and will supervise the construction.

**Planned**  
 LIVER MILL, Est. Cost, \$100,000  
 PILOT ROCK, Oregon, near Peedleton, Umatilla Co.  
 Lumber mill capable of turning out 20 million feet of lumber per year to be in operation by late spring, 1938.

Owner—Pilot Rock Milling & Mfg. Co. (J. R. Elvin, Pres.).  
 Architect—Not Given.

### PLANS COMPLETED

LOS ANGELES, Cal.—Architects Marsh, Smith & Powell, 508 Architects' Bldg., Los Angeles, have completed plans for first unit of new 3-story industrial Goodwill reinforced concrete plant on San Fernando Rd., south of Santa Fe tracks, for Goodwill industries. Est. cost, \$150,000. Three additional units, a transportation building, administration building and chapel and welfare unit, are contemplated later. Total cost of the four units will be approximately \$600,000.

**Sub Contracts Awarded**  
**SHEED** Cont. Pr. \$6,640  
 OAKLAND, Alameda Co., Calif.

metal roof and sides, to be constructed on pile foundation already in place.

Owner—City of Oakland.  
 Contractor—J. F. Tulloch, 335 Eighth St., Oakland.

**Structural Steel—Independent Iron Works**, 821 Pine St., Oakland.

**Electric Wiring—Matson Electrical Equip. Co.**, 4115 Broadway, Oakland.

**Sheet Metal—Central Sheet Metal Co.**, 3246 Ettie St., Oakland.

**Lumber—Tilden Lumber Co.**, foot of Steel frame shed with corrugated University, Berkeley.

**Painting—Turgeon Painting Co.**, 2059 Webster St., Oakland.

**Preparing Plans**  
**WAREHOUSE** Est. Cost, \$100,000  
 SPOKANE, Wash., Mallon Street, N. of Courthouse.

One-story concrete warehouse (100x200 ft.) steel roof trusses.

Owner—Union Pacific Company.  
 Lessee—Sears, Roebuck & Company.  
 Plans by Eng. Dept. of Lessee.

**Preparing Plans**  
**WAREHOUSE** Est. Cost, \$100,000  
 SPOKANE, Wash., E. 426 Trent St.

One-story warehouse (520x200 ft.) to handle mail order business and retail sales, to be erected on Northern Pacific land.

Owner—Montgomery Ward & Co.  
 Plans by Eng. Dept. of Owner

**Work Starts Immediately**  
**BUSINESS BLDG.** Cost, .....  
 EVERETT, Wash., Colby and Everett Ave.

Two-story addition (50x110 ft.) to existing bldg.

Owner—Broadway Land Co. (D A. Duvey, pres.)  
 Lessee—Sears, Roebuck & Co.  
 Architect—Earl W. Morrison, Textile Tower, Seattle.

Contractor—Ole K. Sather, Everett.

**Construction Underway**  
**MP2 PLANT** Cost, \$.....  
 SAN JOAQUIN CO., East of Stockton, El Rioado Section.

Fireproof manufacturing plant and warehouse of mill construction; railroad sidings and coverings.

Owner—Continental Can Co., Inc. (M. C. Huffman, Pacific Coast manager), 155 Montgomery St., San

Francisco.  
 Plans by Construction Department of Owner.  
 Contractor—The Austin Co., 516 18th St., Oakland.

### 5—FLATS

**To Be Done By Day's Work.**  
**FLATS** Cost, \$12,000  
 SAN FRANCISCO, E Parker Avenue

215 S Turk Street.  
 Two-story and basement frame flat building.

Owner and Builder—Oliver M. Roush, 321 Kearny Street.  
 Architect—Not Given.

**Contract Awarded**  
**FLATS** Cost, \$8,000  
 SAN FRANCISCO, E. Octavia, 75 N

of Greenwich St.

Two-story frame flat building.  
 Owner—Louisa Segoli, 1565 Chestnut St.

Architect—John H Ahnden, 822 39th Ave.  
 Contractor—Sbarboro & Jorgensen, 207 Walnut St.

### 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**ALTERATIONS** Cost, \$17,500  
 FRESNO, Calif. 1333 Van Ness Ave.

Alterations to garage and radio station.

Owner—Geo. Harm, 1333 Van Ness Ave.  
 Architect—Not Given.

Contractor—Fisher & McNulty, 327-23 Cory Bldg., Fresno.

**To Be Done by Days Work**  
**SERVICE STATION** Cost, \$12,000  
 SAN FRANCISCO, SW 25th Street

and Potrero Avenue.  
 Steel gasoline service station.

Owner and Builder—Tidewater Associated Oil Co., 79 New Montgomery Street.  
 Architect—Vincent G. Raney, 233 Post Street.

### 7—FEDERAL BUILDINGS

**Site Bids Opened**  
**POST OFFICE** Cost, \$75,000  
 LOS BANOS, Merced Co., Calif.

U. S. Post Office.  
 Owner—U. S. Government.

Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Complete site bids follow:  
 James V. Tescano, 100 by 150 feet J Street, between Sixth and Seventh Sts., \$7500; Lumber & Supply Co., M and Sixth Sts., 213 by 165, \$13,500;

Mrs. Rosa Calabro, 150 by 140, opposite high school athletic field, \$5,000; Los Banos Grove of Druids, 50 by 150 feet, J between Sixth and Seventh Sts., \$3500; Annie Menjoulet, Bertha (Gastambide) and Nellie Ramonetti, 125 by 150, Seventh and E Sts., \$5000; D. Velasco and Mary Carlucci, 183 by 150, I Street, \$3660;

Matilda Bamberger, representing 3 property owners, 150 by 150, Seventh and J Streets, \$12,250; Los Banos Masonic Building Association, 150 by 150, K Street, near Seventh Street, \$5500.

Government specifications call for a corner site of 120 by 180 feet, or an interior site 145 by 180 feet, the purchase price to come out of the \$75,000 allotment.

**Materials Approved**

**BURBANK, L. A. Co., Calif.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. P. O. at Burbank. Sarver & Zoss, contractors.

Plumbing fixtures, Crane Co.; electric water coolers, Uniflow Mfg. Co.; indirect water heater, Bell & Gossett Co.; gas water heater, Pittsburgh Water Heater Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; shower, Crane Co.; relief valve, Penberthy Inspector Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, Fitzgibbons Boiler Corp.; boiler, Radiator, Am. Radiator Co.; wall radiators, Am. radiator Co.; nonconducting covering for heating, Johns-Manville Co.; oil burners, Ray Oil Burner Co.; copper coil heater, Am. Radiator Co.; air valves for radiators and air valves for ends of steam main, Am. Radiator Co.; panelboards, Mullenback Electrical Mfg. Co.; main switch, Bull Dog Elec. Products Co.; r. c. wire, Escent Insulated Wire & Cable Co.; receptacles and flush switches, Arco, Hart & Hegeman & Elec. Co.; glassware, Gill Radiator & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Wakefield Brass Co.

**Contract Awarded**

**POST OFFICE** Cont. Pr., \$44,850  
**HELPER, Utah.**  
United States Post Office.  
Owner—U. S. Government.  
Plans by the Supervising Architect,  
Treasury Department, Wash-  
ington, D. C.  
Contractor—Newstrom & Davis, Den-  
ver, Colo.

**CONTRACT AWARDED**

**SANTA BARBARA, Cal.**—Rothgeb Bronze Works, 3225 Wilmington Ave. Los Angeles, at \$270,000 awarded contract by the Procurement Division, Washington, D. C., for bronze handrails in the U. S. P. O. at Santa Barbara.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Nov. 11, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of new metal and glass partition and new vault on the first floor of the Federal Office Building at San Francisco.

Drawings and specifications may be obtained from the above office and from the office of the District Engineer, Room 232, fob. San Francisco.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Nov. 11, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for repairs and addition to vault and glazing lobby lighting troughs in the U. S. Mint, San Francisco.

**BID CALL CANCELLED**

**SAWTELLE, Los Angeles, Co., Calif.**—Veterans' Administration, 764 Arlington Bldg., Washington, D. C., cancelled a call for bids scheduled to open Nov. 9, 1:30 p. m., for a one-story reinforced concrete garage building No. 223, approx. 80x120 ft. in area, to be built at the Veterans' Administration Facility, Sawtelle.  
Plans and specifications will be revised and project re-advertised at a later date.

**BIDS WANTED**

**LIVERMORE, Alameda Co., Cal.**—Until Nov. 30, 1:30 p. m., bids will be received by the Veterans' Administration, Arlington Bldg., Washington,

D. C., for construction of an addition to Infirmary Bldg. No. 2, at Livermore, containing approx. 133,000 cubic feet. Work will include excavating, reinforced concrete, hollow building tile, slate stair treads, marble work, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel shelving, tile and built-up roofing, metal studs, metal lathing, plastering, carpentry, insulation, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc.

Separate bids will be received for (I) General Construction, including Plumbing, Heating and Electrical Work; and (II) Electric Elevator.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Bldg., Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required.

**Materials Approved**

**SITKA, Alaska.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. P. O. and court house at Sitka. J. B. Warrack, general contractor.

Galvanized sheet metal, Bethlehem Steel Co.

**LOW BIDDERS**

**WHIPPLE, Arizona.**—Charles J. Dorfman, 124 N. La Brea Ave., Los Angeles, Calif., at \$468,890, submitted low bid to the Veterans' Administration, Washington, D. C., for additional buildings and utilities at the Veterans' Facility, Whipple, Arizona.

Project consists of one Main Bldg. No. 107 (containing approximately 1,000,000 cubic feet), one Dining Hall Building No. 08 and Connecting Corridor (containing approx. 120,000 cubic feet), etc., and work will include wrecking and removing of existing buildings, roads, walks, grading and drainage, excavating, reinforced concrete, hollow building tile, brickwork, slate stair treads, marble work, terrazzo, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, iron and steel work, metal sash, steel stairs, steel shelving, tile and built-up roofing, metal ventilators, metal studs, metal lathing, plastering, carpentry, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, refrigerating equipment, heating, air conditioning, electrical work, electric elevators, outside services, etc.

Separate bids were received for (I) General Construction, including plumbing, heating, air conditioning and electrical work; (II) Electric elevators; and (III) Refrigerating equipment.

Low bids follow:

**General Construction**

Charles J. Dorfman, Los Angeles, Calif., \$468,890.

James I. Barnes, Springfield, Mo., \$50,000.

M. M. Sundt Construction Co., Tucson, Arizona, \$620,980.

**Elevators**

Otis Elevator Co., 1 Beach St., San Francisco, Calif., \$37,680.

King Machinery & Mfg. Co., Los Angeles, Calif., \$33,777.

**Refrigeration**

Kohlmeberger Corp., Fullerton, Cal., \$19,605.

York Ice Machinery Corp., Philadelphia, Pa., \$24,299.

**9—HOSPITALS**

Construction to Start Immediately  
**HOSPITAL** Est. Cost, \$150,000  
**LA GRANDE, Oregon.** 4th and K

Streets.

First unit of Sisters of St. Francis Hospital.

Owner—Sisters of St. Francis Hospital.

Architect—Not Given.

**COMPLETING PLANS**

**REDLANDS, San Bernardino Co., Cal.**—Architects Myron Hunt and H. C. Chambers, 408 S Spring St., room 1218, Los Angeles, will have plans completed about November 1 for new physiotherapy unit to be added to the Community Hospital at Redlands. It will conform in design and construction to the existing building. Estimated cost, \$35,000.

**BIDS WANTED**

**YUMA, Ariz.**—Until Oct. 19, 10 a. m., bids will be received by the Yuma County Supervisors for furnishing and installing a heating system in the Yuma County Hospital. Specifications are on file at the supervisors' office. Certified check for 5% must accompany each bid.

**Completing Working Drawings**

**HOSPITAL** Cost, \$100,000  
**WATSONVILLE, Santa Cruz Co., Calif.**—Alvarado, Monte Vista & Brewington Sts.

One-story reinforced concrete and frame hospital building (125 rms.), wards and private patient rooms, soundproof nursery and delivery rooms, waiting room, superintendent's and business offices, consultation and examination rooms, surgery, solarium, two sun porches, nurses' quarters and living room, kitchens, dining rooms, lighting and fire alarm systems, switchboard, etc.

Owner—Withheld.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Plans are now being completed and bids will be asked shortly.

**10—HOTELS****CONTRACT AWARDED**

**LOS ANGELES.**—Whiting Thompson, 2525 W. Manchester Ave., will build a 3-story, 66-room, frame and stucco hotel at 1738 N. Las Palmas Ave. for Arthur S. Ellis, 3278 Primera Ave. E. A. Evans, engineer, 417 S. Hill St. Cost, \$53,000.

**13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS****AUTHORIZED TO PREPARE  
PLANS**

**MANHATTAN BEACH, Los Angeles Co., Calif.**—Manhattan Beach city engineer has been authorized by the city council to prepare working plans for a proposed addition to the Manhattan Beach city hall. It will provide space for a fire truck, sleeping quarters, toilets, showers and 3 new jail cells.

**Construction Postponed**

**ADDITION** Cost, \$70,000  
**PLACERVILLE, El Dorado Co., Cal.** Two-story courthouse annex to house sheriff's office, custodian's apartment, and offices on main floor and jail quarters on second floor. Owner—City of El Dorado.  
Architect—John S. Petersen, 812 26th St., Sacramento.

Work has been postponed until next spring.

**Planned**

**MEMORIAL HALL** Est. Cost, \$25,000  
**YREKA, Siskiyou Co., Cal.** Veterans' Memorial Hall, auditorium for civic gatherings, club rooms, dining room and kitchen.  
Owner—City of Yreka.

**Architect—Not selected.**

It is proposed to place a \$25,000 bond issue on the April ballot to finance work.

**BIDS WANTED**

**SUNNYVALE, Santa Clara Co., Cal.**—Until October 25, 7:30 p.m., bids will be received by the City of Sunnyvale for moving and reconstructing three dwellings, together with out-buildings, fences, etc., at the southwest corner of Mathilda Avenue and Evelyn Avenue in the City of Sunnyvale.

Plans and specifications may be obtained at the office of the City Engineer, 505 Bay View Avenue, Sunnyvale, or from the office of City Clerk Ida Trubschenck, in the City Hall, upon deposit of \$2.00, one-half of which will be refunded upon return of the plans.

Bond or certified check of 10% must accompany bid.

**BIDS OPENED**

**SAN FRANCISCO, Cal.**—Western Asbestos Co., 675 Townsend St., at \$144, submitted low bid to the Dept. of Public Works, City Hall, for furnishings, and installing 85% magnesium pipe covering on feed line, and cork installation on brine pump, at engine room, Hall of Justice, Kearny and Washington Sts.

Only other bid submitted by Asbestos Company of California at \$156.

**BIDS OPENED**

**LOS ANGELES, Calif.**—Mackey Engineering Co., Los Angeles, submitted low bid to State Architect, George B. McDougall, Public Works Bldg., Sacramento, for wrecking the buildings on the Los Angeles State Building Site, Court and Broadway, Los Angeles. Buildings referred to are former Zahn Bldg., Fulton Bldg., and Title Insurance Bldg.

Complete bids follow:  
Mackey Engr. Co.—(Will pay) \$3.00  
Lee Mead Wrecking Co.—(Charge) \$4.400.

Enaco Concrete Cutting Corp.—(Charge) \$4.874.

L. A. Wrecking Co.—(Charge) \$4.955.

Cleveland Wrecking Co.—(Charge) \$5.820.

Arthur Pinner, Jr.—(Charge) \$6.390.

**BIDS WANTED**

**SAN FRANCISCO**—Until Oct. 20, 1:45 p.m., informal bids will be received by the Department of Public Works, Room 25, City Hall, for cleaning and lacquering floor surfaces of children's room and exhibit room at main public library, Larkin and McAllister Sts.

Specifications obtainable from the Superintendent of Buildings, R. A. Chisholm, 484 11th St.

**Low Bidders**

**INTERIOR WORK** Cost, \$.....  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Partitions and interior work in East Hangar (fronts and service portions, East Hangar, Contract III).  
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.  
Barrett & Hip, 918 Harrison St., at \$38,745, submitted low bid on alternate proposition not including plumbing.

E. T. Lesure, 87 Ross Circle, Oakland, at \$59,740, submitted only bid including plumbing.

**Bid Opening Date Postponed Until**  
**October 13, 3 P. M.**

**INTERIOR WORK** Cost, \$ ..  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Partitions and interior work in East Hangar (fronts and service portions, East Hangar, Contract III)  
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Upon deposit of \$20.00, plans and specifications may be obtained from the above office, where bids will also be opened.

Bid opening date postponed from October 8.

**Bids Wanted—To Close Oct. 18**

11 A. M.  
**STORE ROOM** Cost, \$.....  
**KERN COUNTY, Calif.**  
Store room at Kern General Hospital.  
Owner—County of Kern (P. S. Smith county clerk).

Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications may be obtained from the office of the architect upon deposit of \$10.00.

Bids will be opened in the Board of Supervisors' Room in the Kern County Court House, Bakersfield.

**Completing Plans**

**ALTER COURTHOUSE** Est. Cost, \$7,400  
**STOCKTON, San Joaquin Co., Calif.**  
Hunters Square.

Move present toilet rooms on first floor of old Court House to basement and convert space into offices.

Owner—County of San Joaquin.  
Architect—Eric W. Johnson, 142 N. California St., Stockton.

Plans will be completed and sent out for figures Oct. 11.

**CONTRACT AWARDED**

**RED BLUFF, Tehama Co., Calif.**—Liston Ehorn, Red Bluff, at \$4,998.00 submitted low bid and was awarded contract by the City of Red Bluff, E. C. Spaulding, City Clerk, for remodeling executive offices and the exterior of the city hall in Red Bluff.

Complete bids follow:  
Liston Ehorn, Red Bluff, \$4,998  
Harry Porter, Gerber, 5,869  
J. B. Brennan, Redding, 6,760

**Contract Awarded**

**MADERA Co., Calif.**—R. Hodgson & Son, 510 Second St., Porterville, at \$7550, was awarded contract by the State Division of Highways, Department of Public Works, R. M. Gillis, District Engineer, corner of Carruth and Olive Streets, Fresno, for the construction of maintenance station buildings and appurtenances at the Coarsegold Maintenance Site, about 6 mile east of Coarsegold, Madera County.

**Contracts Awarded**  
**ALTERATIONS** Cont. Pr., \$10,658.32  
**NAPA, Napa Co., Calif.**  
Alterations to the Hall of Records (new partitions, renewing floors, complete new heating plant, window alterations, steel sash).

Owner—County of Napa.  
Plans by C. Leroy Hunt, 989 Second St., Napa.

Contractor—Henry J. Vienop, 2400 Oak St., Napa

Graham & Hall, Pearl and Randolph Sts., Napa, at \$4,093, awarded contract for heating.

**Contract Awarded**

**CONTRA COSTA Co., Calif.**—Empire Construction Co., Ltd., Russ Bldg., San Francisco, at \$1,945, was awarded contract by the State Division of Highways, Jno. H. Skeggs, District Engineer, Dept. of Public Works, San Francisco, for the construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance Site, located approximately one-half mile

north of Walnut Creek, Contra Costa County.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Department of Public Works, Bureau of Building Repair, at \$918.15, awarded contract by the Department of Public Works, City Hall, for alterations to Traffic Bureau, Room 164, City Hall.

Complete bids published Oct. 7.

**Bids Wanted—To Close November 1,**

11 A. M.  
**ALTER COURTHOUSE** Estimated Cost, \$7,400  
**STOCKTON, San Joaquin Co., Calif.**  
Hunters Square.

Move present toilet rooms on first floor of old Court House to basement and convert space into offices.

Owner—County of San Joaquin.  
Architect—Eric W. Johnson, 142 N. California St., Stockton.

Plans and specifications obtainable from the architect's office upon deposit of \$10. Bids will be opened in the Supervisors' office.

Following have taken out plans:  
George Roek, 830 N. Pacific Ave., Stockton.

W. A. Powers, Rt. 4, Box 73-T, Stockton.

**BIDS OPENED**

**TEHAMA Co., Cal.**—As previously reported, Liston Ehorn, 926 Jackson Street, Red Bluff, at \$6,500, submitted low bid to the State Division of Highways, E. W. Hinselwood, District Engineer, Redding, for the construction of Lost Creek, Tehama Co., Calif.

Work involves:  
(1) Lump sum Maintenance foreman's cottage;

(2) Excavation, per cu. yd., add or deduct;

(3) Portland cement concrete per cu. yd., add or deduct.

Total bids follow:  
(A) Liston Ehorn, 926 Jackson St., Red Bluff, \$6,500.00  
(B) Roht, McCarthy, San Francisco, \$7,488.00.

Unit prices follow:

	(A)	(B)
(1)	\$6,500.00	\$7,488.00
(2)	10.00	3.00
(3)	25.00	25.00

**Contract Awarded**

**MEDICAL BUILDING** Cost, \$19,874  
**MARYSVILLE, Yuba Co., Calif.** H and Fourth Streets.

One-story frame and stucco medical building (offices, treatment rms., etc.), completely air-conditioned.

Owner—Withheld.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—Clarence Stevenson, Marysville.

Heating—General Electric Co.

**14— RESIDENCES**

**Plans Completed**  
**RESIDENCE** Cost, ..  
**UPPER HAPPY VALLEY, Contra**

Costa Co., nr. Lafayette.

One-story frame Monterey Colonial style residence (7 rooms, 2 baths), shake roof, board and battens exterior, central heating plant gas-fired, hardwood floors, tile baths, wood sash.

Owner—T. H. Jaeger, 836 Oxford St., Berkeley.

Plans by Paul V. Tuttle, 3718 Grand Ave., Oakland.

Contractor—Henry W. Arnold, 816 Oak St., Alameda \* 14

**Preparing Preliminary Plans**

**RESIDENCE** Cost, \$7,600  
**CONTRA COSTA Co., Happy Valley,**  
near Lafayette.

One-story frame and stucco resi-

dence (6 rooms).  
Owner—Mr. Rhodes, c/o Arch.  
Architect—Irwin M. Johnson, 2219 7th  
Avenue, Oakland.

**Preparing Working Drawings**  
RESIDENCE Est. Cost, \$20,000  
SAN FRANCISCO. SW Cor. Valjejo  
and Normandie Terrace.

Two-story frame and stucco residence, with penthouse (12 rooms, 5 baths), plaster interior, hardwood floors, tile baths, asbestos shingle and composition roof, wood sash, gas-fired heating system, garages.  
Owner—Withheld.

Architect—John H. Ahnden, 822 39th  
Ave., San Francisco.

Plans will be completed in about three weeks.

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
BERKELEY, Alameda Co., Calif., 670  
Spruce Street.

Two-story frame and stucco and reinforced concrete residence, hardwood floors, tile baths, hot air heat, steel sash.

Owner—Arthur Pillsbury, Keith Ave  
Architect—Edwin Lewis Snyder, 2104  
Adelphi St., Berkeley.

Contractor—J. R. Armstrong, 834 E.  
10th Street.

**Contract Awarded**  
RESIDENCE Cost, \$8,000  
OAKLAND, Alameda Co., Cal. 1851  
Trestle Glen Road.

Two-story frame residence (six rooms).

Owner—B. N. Schroeder.  
Architect—F. L. Confer, 3147 Claremont  
Ave., Berkeley.

Contractor—J. R. Armstrong, 834 E.  
10th St.

**Preparing Working Drawings**  
RESIDENCE Est. Cost, \$7,000  
EAST SACRAMENTO, Calif.

One-story frame and stucco residence (6 rooms), shake roof, tile floor  
in bath.

Owner—Withheld.

Upon completion of plans general bids will be asked of a selected list of contractors.

**Preparing Working Drawings**  
RESIDENCE Est. Cost, \$12,000  
SACRAMENTO, Cal., Swanston Park

Two-story concrete block residence (6 rooms), steel sash, hardwood floors, tile bath, composition roof, gas hot air heating system, etc.  
Owner—Withheld.

Architect—Herbert Goodpastor, Milton  
Bldg., Sacramento.

Plans will be completed in about one week and general bids asked of a selected list of contractors.

**Sub-Contracts Awarded**  
RESIDENCE Cost, \$15,000  
FRESNO, Fresno Co., Calif. Echo &  
Home Streets

Two-story frame and stucco residence, tile roof, air conditioning system).

Owner—C. Ambrose, 3149 Iowa Street  
Fresno.

Architect James Arnot, Brix Bldg.,  
Fresno.

Contractor—Richmond Const. Co.,  
P. O. Box 52, Fresno.

Electric Work—Electric Const. Co.,  
Fresno.

Plumbing—Roy W. Peterson, 3141  
Balch, Fresno.

**Contract Awarded**  
RESIDENCE Cost, \$5,000  
SAN ANSELMO, Marin Co., Calif.

One-story California ranch house of frame and stucco and brick veneer construction, shake roof, wood and steel sash, hardwood floors, tile baths.

Owner—Withheld.

Architect—Mario Corbett, 72 Third  
Ave., San Mateo.

Contractor—Wm. Yeo, Kentfield.

**Preparing Working Drawings**  
RESIDENCE Cost, \$6,000  
OAKLAND, Alameda Co., Calif. La-  
falle Ave.

One-story frame and stucco residence, shingle roof, wood sash, hardwood floors, tile baths, etc.

Owner—Withheld.  
Architect—E. R. de Chenne, 361 17th  
St., Oakland.

Upon completion of plans, general bids will be asked.

**Preparing Working Drawings**  
RESIDENCE Cost, \$5,000  
OAKLAND, Alameda Co., Calif.

One-story frame and stucco residence (5 rooms), shake roof, hardwood floors, tile baths, wood sash, etc.

Owner—M. O. Olson.  
Architect—E. R. de Chenne, 361 17th  
St., Oakland.

Upon completion of plans, general bids will be asked.

**Bids In—Held Under Advisement**  
RESIDENCE Cost, \$ —  
MODESTO, Stanislaus Co., Calif. Waterman  
Road.

Two-story frame and brick veneer residence, shake roof, steel and wood sash, hardwood floors, tile baths.

Owner—Mr. Thomas, c/o Architect.  
Architect—G. N. Hilburn, 1312 I St.,  
Modesto.

Announcement shortly.

**Contract Awarded**  
RESIDENCE Cost, \$5,500  
SAN FRANCISCO, NE Glady and  
Appleton Sts.

Two-story and basement frame residence.

Owner—D. and M. Sheehan, Prem.  
Architect—Not Given.

Contractor—Graham & Jensen, 728  
35th Ave.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$5,500  
BERKELEY, Alameda Co., Cal. 1009  
Creston Road.

Two-story frame and stucco residence (6 rooms), garage.

Owner—L. N. West, 2310 Corona St.,  
Berkeley.

Architect—Not Given.

Contractor—J. M. Walker, 401 Spruce  
St., Berkeley.

**Plumbing—Suendermann Co., 9th &  
University, Berkeley.**

**Electric Wiring—James Anderson,**  
2421 23rd Ave., Oakland.

**Heating and Sheet Metal—Bertel**  
Mark, 1696 10th St., Berkeley.

**Tile Work—Bigney Tile Co., 2012**  
Harrison St., Oakland

**Hardwood Floors—Harry Carlson,**  
1688 Peralta St., Berkeley.

**Brick Work—W. W. Wisneropp, 3041**  
Wisconsin St., Oakland.

**Grading—J. Henry Harris, 2425**  
Valley St., Berkeley.

**Concrete & Foundations—A. A. Johnson**  
& Sons, 2322 Edwards St.,  
Berkeley.

**Lumber & Mill Work—Tilden Lhr**  
Co., foot of University Avenue,  
Berkeley.

**Hardware—Berkeley Hardware Co.,**  
2154 University Ave., Berkeley.

**Lathing & Plastering—Scott & Spear,**  
1344 Northside, Berkeley.

**Contract Awarded**  
RESIDENCE Cost, \$5,000  
SAN FRANCISCO, NW Noriega and  
48th Ave.

One-story and basement frame residence.

Owner—I. M. Cowbridge, 4260 Irving  
St.

Architect—Not Given.

Contractor—Edward Cornblum, 2204  
47th Ave.

**To Be Done By Day's Work**  
RESIDENCE Cost, \$6,500  
REDWOOD CITY, San Mateo Co.,  
Calif. Lomita Park, Lot 16, Bk.  
7, Santa Dominga Ave.

One-story frame residence.

Owner & Builder—Mrs. Wm. Varni,  
109 Florida Ave., San Bruno.

Architect—Not Given.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$3,500 each  
SAN FRANCISCO, Mt. Vernon and  
Cayuga Sts.

Six one-story and basement frame residences.

Owner & Builder—Stoneson Bros., 1  
Slott Blvd.

Architect—Harold G. Storer, 35 Vi-  
cente Ave.

**Sub Contracts Awarded**  
RESIDENCE Cost, \$6,000  
SAN FRANCISCO, N Alernany Blvd.,  
141 W of Cotter St.

One-story and basement frame and stucco residence.

Owner—B. D. Sheehan, c/o Contractor.  
Architect—Not Given.

Contractor—Williams Const. Co., 3366  
22nd St.

**Roofing—Knight Roofing Co., 1476**  
Valencia St.

**Plumbing—George Rehn, 1919 Mission**  
Street.

**Electric Wiring—Strom & Smith, 1077**  
Valencia St.

**Heating & Sheet Metal—New Mission**  
Sheet Metal Works, 3401 Mission  
St.

**Tile Work—Scott Co., Inc., 243 Minna**  
St.

**Glass—San Francisco Glass Co., 5234**  
Mission St.

**Hardwood Floors—E. E. Hanley, 1443**  
15th Ave.

**Iron Grille Work—Artistic Metal**  
Works, 311 S. Van Ness.

**Brick & Stone Work—Karlberg &**  
Bohn, 1228 20th Ave.

**Lumber—Chapman Lbr. Co., Quint &**  
McKinnon Sts.

**Mill Work—Herring & Nutting, 750**  
Florida St.

**To Be Done By Day's Work.**  
RESIDENCES Cost, \$3,500 each  
SAN FRANCISCO, W 18th Avenue  
& 225, 250 and 275 N. of Noriega St.

Three one-story frame and stucco residences.

Owner and Builder—Henry Doelger,  
Builder, Inc., 320 Judah Street.

Architect—Not Given.

**Contract Awarded**  
RESIDENCE Cost, \$7,000  
SAN FRANCISCO, E Castaneda 127  
St., S. Francisco St.

Two-story and basement frame and stucco residence.

Owner—James W. Smith, c/o architect.

Architect—Reesing & McGuiness, 488  
Pine Street.

Contractor—The Johnson & Son, 1614  
Church St.

**Bids In—Held Under Advisement**  
RESIDENCE  
SAN FRANCISCO, 20th Avenue and  
River St.

One-story and basement frame residence (6 rooms), tile kitchen and bath, gas fired heating system, wood sash, composition roof.

Owner—A. J. Walsh, 173 Albion St.  
Architect—Chas. E. J. Rogers, Phelan  
Bldg.

**To Be Done By Day's Work**  
RESIDENCE  
WOODSIDE, San Mateo Co., Calif.

One-story frame and stucco residence (5 rooms, 3 baths), hardwood floors, tile baths, etc.

**Owner & Builder**—J. F. Silverstein, 795 Sutter St., San Francisco.  
**Architect**—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

**To Be Done By Day's Work**  
**SAN FRANCISCO**, Twentieth Ave. **SAN FRANCISCO**, Twentieth Avenue and Judah Street.

**Six one-story frame and stucco residences** (hardwood floors, wood sash, tile baths, garages).  
**Owner and Builder**—Standard Bldg. Co., 20th Ave. and Judah St.  
**Architect**—D. E. Jaekle, 126 Post St.

**Plans Completed**  
**RESIDENCE** Est. Cost, \$6,500  
**SAN FRANCISCO**, SE 26th Avenue and Ocean Avenue.

**One - story frame and stucco residence** (6 rooms) Monterey style, composition roof, hardwood floors tile baths, gas furnace, garage.  
**Owner and Builder**—J. W. McCabe, 714 Union Street  
**Architect**—D. E. Jaekle, 126 Post St.

**Contract Awarded**  
**APT. COURT** Cost, \$30,000  
**MENLO PARK**, San Mateo Co., Cal. Frame and stucco apartment court (four 3 - room and six 2 - room apartments) gas hot air heating, hardwood floors, tile baths, composition shingle and composition roof, steel sash, nine garages.

**Owner**—L. P. Heiman, c/o architect.  
**Architect**—D. E. Jaekle, 126 Post St. San Francisco.  
**Contractor**—J. G. Causey, 2333 Ramona St., Palo Alto.

**Plans Completed**  
**RESIDENCE** Cost, \$1,500  
**HAYWARD**, Alameda Co., Calif. One - story frame and stucco residence (five rooms).

**Owner**—Withheld.  
**Architect**—George Patton Simonds, 80 Main St., Hayward.  
 Bids will be asked shortly from a selected list of contractors.

**Plans Being Figured—Bids Close Today**  
**RESIDENCE** Cost, \$ 5,000  
**MODESTO**, Stanislaus Co., Calif. Waterman Road.

**Two-story frame and brick veneer residence**, shake roof, steel and wood sash, hardwood floors, tile baths.  
**Owner**—Mr. Thomas, c/o Architect.  
**Architect**—G. N. Hilburn, 1312 I St., Modesto.

Plans are being figured by a selected list of contractors.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**BERKELEY**, Alameda Co., Calif. 75 Menlo Place.

**One-story frame residence** (6 rms.), and garage.  
**Owner**—W. D. Ellis, 2208 Grove St.  
**Architect**—Not Given.  
**Contractor**—F. A. Stead, 3206 Boies St.

**Contract Awarded**  
**RESIDENCE** Cost, \$5,500  
**OAKLAND**, Alameda Co., Calif. 52 Palo Seco Court.

**One-story concrete residence** (five rooms).  
**Owner**—A. Bertrand, 568 Athol Ave. **Architect**—Not Given.  
**Contractor**—Henry W. Arnold, 816 Oak St., Alameda.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,500  
**BERKELEY**, Alameda Co., Calif. 926 Charming Way.

**One-story store and residence** (seven rooms).  
**Owner**—Rocco Dirienyo.  
**Architect**—Not Given.

**Contractor**—Chas. Marietti, 1201 Stannage St.

**PREPARING PLANS**  
**SAN CLEMENTE**, Orange Co., Cal.—Architect Charles A. Hunter, 1096 Coast Blvd. South, Laguna Beach, is preparing plans and will supervise construction of ten residences in San Clemente for the Capital Co., 643 S. Olive St., Los Angeles.

**BIDS WANTED**  
**SANTA ANITA DAM**, Los Angeles Co., Cal.—Until Oct. 26, 2 p.m., bids will be received by Los Angeles Co. Supervisors for construction of a 6 - room caretaker's house at Santa Anita Dam; plans on file at office of board of supervisors. R. E. Shoner, county mechanical engineer.

**15— SCHOOLS**

**Grant Refused**  
**ADDITION** Cost, \$.....  
**WALNUT CREEK**, Contra Costa Co., Calif.

**Addition to Walnut Creek Grammar School.**  
**Owner**—Walnut Creek Grammar School District.  
**Architect**—Harold H. Weeks, 593 Market St., Berkeley.

Request for PWA grant was refused and old school buildings will be repaired pending further action toward new addition to be taken next year.

**BIDS OPENED**  
**SAN FRANCISCO**, Cal.—J. W. Bender Roofing & Paving Co., 1999 Bryant St., at \$196, submitted low bid to the Dept. of Public Works, City Hall, for removing old roofs and installing new tar and gravel roofs on bungalows 5 and 6 at Guadalupe School, Cordia and Prague Sts.  
 Complete bids follow:  
 J. W. Bender Roofing and Paving Co. \$196.00  
 Malott & Peterson 204.00  
 Alta Roofing Co. 256.00  
 Empire Roofing Co. 295.50

**CORRECTION In Award of Plastering Contract**  
**RECONSTRUCT AUDITORIUM**

Cont. Pr., \$106,413  
**CROCKETT**, Contra Costa Co., Cal. Reconstruct the auditorium and East theater at John Swett High Sch. **Owner**—Crockett School District.  
**Engineer**—Dewell & Earl, 55 New Montgomery St., San Francisco.  
**Contractor**—Karl S. Koller, Crockett, and W. K. Van Bokkeken, Oakland.

**Plastering**—James Patt, 147 10th St., San Francisco.  
**NOTE**: It was reported in error, October 13, that Mr. Patt had been awarded the sub-contract for plastering on the reconstruction of the High School, for which C. L. Wold Construction Co., Ltd., are general contractors.

**BID CALL CANCELLED**  
**SCHOOL**

**LOYALTON**, Santa Clara Co., Calif. One-story frame school building (12 classrooms, one assembly hall, concrete foundation, shingle roof).  
**Owner**—Loyalton School District  
**Architect**—W. D. Hoffman, Forum Bldg., Sacramento.  
**Engineer**—F. W. Berg, 320 Market St., San Francisco.

Bid call scheduled to open October 16, 1:30 p.m. has been cancelled on account of snow fall in school district, however, if reported bids will be re-advertised next March.

**Bids Wanted—To Close November 8, 8:00 p.m.**

**SCHOOL** Cost,.....  
**LODI**, San Joaquin Co., Calif. Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, linoleum floors in other rooms, extension of existing direct steam heating plant.

**Owner**—Lodi Union High School District.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

Plans and specifications obtainable from the office of the architect upon deposit of \$25.  
 Bids will be opened at the high school in the office of the board.

**Contract Awarded**  
**ADDITION** Cont. Price, \$6,485  
**SACRAMENTO COUNTY**, Calif.

**One-story frame and stucco addition to Arcade Grammar School.**  
**Owner**—Arcade Elementary School District  
**Architect**—Harry J. Devine, Cronan Bldg., Sacramento.  
**Contractor**—Otto Steinbrenner, 2146 Perkins Way, Sacramento.

**Preparing Working Drawings**  
**MECHANICS BLDG.** Cost, \$.....  
**LODI**, San Joaquin Co., Calif. Lodi Union High School.

**One-story reinforced concrete agricultural Mechanics Building** (50 x100 ft.), asbestos built-up roof, steel industrial windows.  
**Owner**—Lodi Union High School District.  
**Architect**—Peter Sala, 2130 N. Commerce St., Stockton.

Pr-liminary plans approved by the school board

**Bids Wanted — To Close October 26, 7 P. M.**  
**SCHOOL** Cost, \$25,000  
**STOCKTON**, San Joaquin Co., Calif. Sutter and Fourth Streets.

**One - story frame and brick veneer school building** (five classrooms, recreation room, principal's office, lavatories, etc.), wood sash, composition roof, linoleum halls, Oregon pine classroom floors, insulated roof, etc.

**Owner**—Grant Grammar School District.  
**Architect**—Joseph Loskann, 1023 N. Madison St., and J. N. Cloudsley, Exchange Bldg., Stockton.  
**Structural Engineer**—Ernest D. Francis, Cronan Bldg., Sacramento.

Plans and specifications may be obtained from Mr. Cloudsley's office, Room 309, Exchange Bldg., Stockton, upon deposit of \$25.

Bids will be opened at the office of the Superintendent of Schools, Lindsay and San Joaquin Sts., Stockton.

Following have taken out plans:  
 T. E. Williamson, P.O. Box 93, Stockton

C. E. Totten, P.O. Box 833, Stockton.

George Rook, 830 N. Pacific Ave., Stockton.

O. H. Cham, 41 N. Sutter Street, Stockton

Samuel Evre, 57 W. 10th Street, Tracy

C. H. Dodd, 1690 W. Walnut St., Stockton

**Contract Awarded**  
**1216 PROF. SCHOOL** Cont. Pr., \$3,469  
**BERKELEY**, Alameda County, Calif. Claremont Ave., bet. Ashby Ave. and Webster Street

Re-roof John Muir School.  
**Owner**—Berkeley Unified School District  
**Arch. & Eng.**—F. Andrews, Secy.), 2225 Divisia St.  
**Structural Engineer**—Thos. F. Chace, Berkeley Board of Education.  
**Contractor**—Bay Cities Asbestos Co.,

Ltd., Fifth Ave. and 12th Street, Oakland.

**CONTRACT AWARDED**

**EAGLE ROCK**, Los Angeles Co., Cal.—Person & Hollingworth, 507 S. Lorena St., Los Angeles, awarded general contract for construction of Bell Wilber Thorne Hall at Occidental College in Eagle Rock. Myron Hunt and H. C. Chambers, architects, 408 S. Spring St., Los Angeles; E. L. Ellingwood, mechanical engineer.

**Plans Completed**

**YOSEMITE PARK**, Calif. Cost, \$6,000

Frame school building.  
Owner—Mariposa High School District.  
Architect—James Arnot, Brx Bldg., Fresno.

District will call for bids when plans are approved by the Department of the Interior, National Park Service.

**To Ask Bids Shortly**

**SCHOOLS** Total Est. Cost, \$203,700  
**EL MONTE**, Los Angeles Co., Cal.  
Two new reinforced concrete grammar schools, one on Garvey Ave. and one on Pecker Road; each to consist of ten classrooms, office, kindergarten, kitchen and auditorium to seat 400; concrete floors, steel sash, soundproofing.  
Owner—El Monte School District.  
Architect—Worswick & Culver, 22 Fuller Bldg., San Bernardino.  
Structural Engineer—W. Miller, 311 Architects' Bldg., Los Angeles.  
PWA recently approved a \$91,665 grant for the project.

**Grant Approved**

**SCHOOL** Cost, \$122,000  
**NACHES**, Wash.  
Two-story high school with gym wing.

Owner—School District 121, Yakima Co. (James Cowan, Clerk).  
Architect—Walter H. Rothe, Yakima.

**CONTRACT AWARDED**

**BISHOP**, Inyo Co., Cal.—J. C. Feige Bishop, at \$1479, awarded contract by the Bishop Union High School District for repairs and alterations to present steam heating system at the high school.  
Only other bid was submitted by B. K. Stoneman, Los Angeles, at \$1,580.00.

**BIDS WANTED**

**WASCO**, Kern Co., Cal.—Until Nov. 1, 8 P. M., bids will be received by Wasco Union Elementary School District for a two-classroom reinforced concrete unit, a cafeteria and a toilet building to be added to the Wasco grammar school in Kern county. Estimated cost, \$60,000. All three buildings will be let under one contract. Plans will be available from Perrine & Mackie; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles, about Oct. 13; deposit \$25.00.

**BIDS WANTED**

**LOS ANGELES**, Cal.—Until Oct. 21, 2 P. M., bids will be received by the Los Angeles Board of Education for a 2-unit shop building to be built at the Florence Nightingale junior high school; estimated cost, \$11,500. Plans were prepared by the architectural section of the board; A. S. Niebecker, Jr., architect.

**CONTRACT AWARDED**

**HUNTINGTON BEACH**, Orange Co., Calif.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, awarded general contract by the Huntington Beach Union High School District at \$78,198, for one-story boys' industrial arts building (146x101-ft.) to be built

at Huntington Beach high school. Allison & Allison, architects, 1014 Edison Bldg., Los Angeles.

**Bids Opened**

**ADDITION** Cost, \$.....  
**SACRAMENTO COUNTY**, Calif.

One-story frame and stucco addition to Arcade Grammar School.  
Owner—Arcade Elementary School District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.  
Low Bidder—Otto Steinbrenner, 2146 Perkins Way, Sacramento, \$6,485.

Complete bids follow:  
Otto Steinbrenner.....\$6,485  
L. L. Watson.....5,500  
Azevedo Const. Co.....5,535  
Chas. F. Unger.....5,535  
M. R. Peterson.....6,980  
H. Robertson.....6,986  
Holdener Const. Co.....7,180  
All of Sacramento.

**To Ask Bids Shortly**

**SCHOOL** Est. Cost, \$147,272  
**BARSTOW**, San Bernardino Co., Cal.  
Reinforced concrete classroom bldg., an auditorium and a shop building on Barstow high school campus; Mission tile roof, steam heat, clock and bell system, steel sash.  
Owner—Barstow Union High School District.  
Architect—E. Charles Parke, 25 Fuller Bldg., San Bernardino.

Structural Engineer—Blaine Noice, Los Angeles.  
PWA recently approved a \$66,272 grant for the project.

**Bids Wanted—To Close Nov. 8, 7**

**P. M.**  
**SCHOOL** Est. Cost, \$420,000  
**EAST BAKERSFIELD**, Kern Co., Calif.

New junior high school, consisting of a two-story and basement class A classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and composition roofing, steam heat.

Owner—Kern County Union High School District.  
Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

Plans and specifications obtainable from the architect upon deposit of \$25. Certified or cashier's check or bond for 10% required.

**Grant Approved**

**SCHOOL** Cost, \$72,200  
**MABTOS**, Wash.

Two-story brick veneer school bldg., including auditorium-gym; steam heating plant, laboratory equipment, lights and power system.  
Owner—Mahton School District (A. L. Ray, Supt. Board of Directors).

Architect—John W. Maloney Larson Bldg.  
Plans will be completed and bids called within ten weeks.

**Bids Wanted—To Close Oct. 22,**

**8 P. M.**  
**SHOP BLDG** Cost, \$.....  
**DANVILLE**, Contra Costa Co., Calif.  
Alamo Road.

One-story frame shop building addition to San Ramon Valley High School.

Owner—San Ramon Union High School District.  
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Plans and specifications obtainable from the architect's office upon deposit of \$100.

Following have taken out plans:  
L. A. Biberback & Sons, 19 Clorida Ave., San Rafael.

Wm. F. Dreyer, Box 240, Atlas Way Napa.  
Graham & Jensen.

At previous bid opening Sept. 10, S. H. Johnson, Danville, at \$12,943 submitted low bid.

**Plans Completed**

**ADDITION** Est. Cost, \$25,000

**KERNVILLE**, Kern Co., Calif.  
Two-room unit to be built at Kernville School.

Owner—Kernville School District.  
Architect—Symmes & Willard Stanton Willard, Architect, 215 Haberfeld Bldg., Bakersfield.  
Plans have been submitted to the State Architect for approval.

**Bids Wanted — To Close October 27,**

**8 P. M.**  
**ADDITION** Cost, \$3,990  
**BERKELEY**, Alameda Co., Calif. Tacoma and Colusa Streets.

Portable steel frame classroom addition to Thousand Oaks School.  
Owner—Berkeley Unified Sch. District (Clara F. Andrews, Secy.), 2325 Milvia St.

Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.

Plans and specifications obtainable from the Secretary's office upon deposit of \$10.

Bids will be opened in the Board Room.

**WILL AWARD CONTRACT**

**PHOENIX**, Ariz.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, will award a contract within the next few days for a new 2-story Catholic high school building to be built at Second and Folk Sts., Phoenix, for St. Mary's parish. Cost, including equipment, \$90,000.

**BONDS VOTED**

**UPLAND**, San Bernardino Co., Calif.—Upland School District voted bonds in the amount of \$75,000, proceeds to be used to finance a new school to replace the present Fannin D. Noe school in Upland. The building will contain 17 classrooms, a music room, art room and administrative offices. While no provision is made at the present time for an auditorium, it is proposed to build such a structure later. Marsh, Smith & Powell, Architects' Bldg., L. A., are the architects.

**Sub Contract Awarded**

**RECONSTRUCTION** Contract Price, \$176,725

**CROCKETT**, Contra Costa Co., Calif.  
Reconstruction of Academic Building at John Sweet High School.

Owner—Crockett School District.  
Engineers—Dewell and Earl, 55 New Montgomery St., San Francisco.

Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St., San Francisco.

Plastering—James Patt, 147 10th St., San Francisco.

Sub-contracts previously awarded published June 4.

**Sub Contract Awarded**

**HIGH SCHOOL** Cont. Pr., \$62,400

**WEAVERVILLE**, Trinity Co., Calif.  
One-story frame and stucco high school building.

Owner—Trinity County High School District.  
Architect—Masten & Hurd, 442 Post St., San Francisco.

Contractor—J. F. Brennan, Redding. Misc. & Ornamental Iron—Anchor Post Fence Co., 460 Fifth St., San Francisco.

**Bids Wanted—To Close Nov. 8, 7**

**P. M.**  
**SCHOOL** Est. Cost, \$420,000  
**EAST BAKERSFIELD**, Kern Co.,

Calif.

New Junior high school, consisting of a two-story and basement, class A classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and composition roofing, steam heat.

Owner — Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Haberfeld Bldg., Bakersfield.

Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.

Separate bids will be received for (1) classroom building, complete; (2) auditorium complete, and (3) pipe tunnel between buildings for plumbing, heating and electric conduits. Plans and specifications obtainable from the architect upon deposit of \$25. Certified or cashier's check or bond for 10% required.

Bids are now being received on the entire project. An allotment of \$26,000 is now available to finance construction and balance of money will be available Jan. 1 through local taxation. An application for PWA grant was refused.

Following have taken out plans:

Henry Eisler, 2229 18th St., Bakersfield.

Opperman & Co., 1327 Orange Dr., Bakersfield.

Trewhitt-Shields & Fisher, 1501 Pacific S.W. Bldg., Fresno.

L. H. Hansen & Son, P.O. Box 519, Fresno.

L. E. Dixon Co., 609 S. Grand Ave., Los Angeles.

**1C—BANKS, STORES AND OFFICES**

Bids Opened

CAFE BLDG. Cost, \$.....

YOLO CO., Calif. Across "M" Street bridge from Sacramento.

One - story frame and stucco restaurant building, to be known as Tiny's Rendezvous (air conditioned).

Owner—Maclay, Nyberg and Taylor, Tiny's Coffee Shop, Sacramento.

Low Bidder—L. L. Watson, 1768 11th Ave., Sacramento, \$15,900.

Complete bids follow:

**General Construction**

L. L. Watson ..... \$15,000

Peterson Const. Co. .... 16,300

Charles F. Unger ..... 16,310

H. W. Robertson ..... 16,600

M. R. Peterson ..... 16,740

Otto Steinbrenner ..... 17,300

Hoidener Const. Co. .... 17,660

**Electric Work**

J. C. Hobrecht Co., 1912 Eye Street ..... \$1410.00

Luppen & Hawley, Inc. .... 1325.00

Commercial Electric Co. .... 1537.50

Sterling Electrical Co. .... 1540.00

Reliable Electric Works ..... 1570.00

All of Sacramento.

**Work Started**

REMODEL BLDG. Cost, \$.....

FRESNO, Fresno Co., Calif. Fulton and Fresno Streets.

Remodel and paint exterior, remodel interior upper floors, new roof.

Owner—Helm Estate, Fresno.

Architect—James Arnot, Brix Bldg., Fresno.

Contractor—W. J. Ochs, Helm Bldg., Fresno.

**Plans Completed**

OFFICE BLDG. Cost, \$.....

MODESTO, Stanislaus Co., Calif. On Highway N. 99, entering Modesto.

New 9½ - story concrete office bldg. Owner—Grange Company, 912 9th St., Modesto.

Architect—G. N. Hilburn, 1312 I St.,

Modesto.

Bids will be asked shortly.

**Contract Awarded**

REMODEL STORE Cost, \$60,000

SANTA BARBARA, Calif. 1132 Figueroa Street.

Exterior and interior remodeling of a 4-story and basement building.

Owner—Montgomery Ward & Co. Plans by Construction Department of Owner, Chicago Office.

Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

J. J. Doucha, 2825 E. 14th Street, Oakland, is manager of construction for the company.

**CONTRACT AWARDED**

COMPTON, Los Angeles Co., Cal.—DeCamp-Hudson Co., 4101 Goodwin Ave., Los Angeles, awarded contract for erection of two offices, storage buildings and a garage at 650 N. Long Beach Blvd., Compton, for Southern California Gas Co., 810 S. Flower St., Los Angeles. Cost, \$26,000. Plans by the Owner's engineering department.

**Work Under Way**

COCKTAIL LOUNGE Cost, \$5,000

NEAR FRESNO, Calif. Sunnyside Country Club.

One-story frame cocktail lounge; installed.

Owned—Sunnyside Country Club, Fresno.

Architect—H. Rafael Lake, Mattel Bldg., Fresno.

Contractor—Taylor-Wheeler, Inc., 245 Clinton, Fresno.

**COMMISSIONED TO PREPARE PLANS**

SAN PEDRO, Cal.—Architect Harry T. Miller, 4814 Loma Vista St., Los Angeles, has been commissioned to prepare plans for a 3-story steel and wood frame office building to be built on the northeast corner of Tuna Street and Fish Harbor Wharf, San Pedro, for Van Camp Sea Food Co., Fish Harbor, San Pedro.

**BIDS WANTED**

SAN DIEGO, Cal.—Until Oct. 20, 10 a. m., bids will be received by the San Diego County Purchasing Agent, 647 Spreckels Theater Bldg., San Diego, for furnishing and erecting steel work for a building to be built at 1460 F Street, San Diego. Bids will be opened at the same time for a concrete hollow monoframe block wall and concrete poured studs for the same building. Plans obtainable from Chas. Christopher, purchasing agent.

**PLANNED**

LONG BEACH, Calif.—Sears, Roebuck & Co., 2650 E. Olympic Blvd., Los Angeles, purchased additional property between American and Elm Avenues south of 5th St., Long Beach, preparatory to enlarging the company's store at 450 American Avenue. It is understood approximately \$400,000 will be expended on a new structure. Work is expected to get under way early next year. Ford J. Twaltz Co., 816 W. 5th St., Los Angeles, was general contractor for additions made last year to Sears, Roebuck retail stores in Los Angeles, and is now erecting a new store for the company in Glendale.

**Contract Awarded**

ALTERATIONS Cost, \$5,000

SAN FRANCISCO. 37 Pacific St.

Alter office.

Owner—Sachs Estate, 310 Tehama St.

Architect—Not Given.

Contractor—L. A. Hinson, 756 4th Ave.

**To Be Done By Day's Work**

ALTERATIONS Cost, \$5,500

SAN FRANCISCO. 2036 Fillmore St. Alter creamery.

Owner & Builder—Ward Marron, 2465 Sacramento St.

Architect—Not Given.

**Sub Contracts Awarded**

ALTERATIONS Cont. Pr., \$4,098

SAN JOSE, Santa Clara Co., Calif. Santa Clara Ave.

Alterations to storefront.

Owner—Withl ed.

Architect—Blinar & Curtiss, 35 West San Carlos St., San Jose.

Contractor—Bert Ward & Son, 1139 Lincoln Ave., San Jose.

Plumbing & Sheet Metal—W. F. Serpa, 457 N. 13th St.

Electric Wiring—Schutte Bros., 37 Fountain St.

Glass—Christopher Schmidt.

Iron Grille Work—R. Helwig Iron Works, 407 Vine St.

Brick & Stone Work—Harry F. Rediker, Rt. 1, Box 419-A.

Mill Work—Chelm Lumber Co., 1400 The Alameda.

Hardware—San Jose Hardware Co., 62 W. San Fernando St.

Painting—Chas. W. Lynds, 1886 Park Ave.

Lathing & Plastering—Joe Provenzano, 85 N. Willard St.

**Preparing Working Drawings**

STORE FRONT Cost, \$.....

SACRAMENTO, Calif. 11th and K Streets.

New storefront on Dupen's; curved invisible glass show window.

Owner—Dupen's.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

**Sub Contract Awarded**

REMODEL STORE Cost, \$60,000

SANTA BARBARA, Calif. 1132 Figueroa St.

Exterior and interior remodeling of a 4-story and basement building.

Owner—Montgomery Ward & Co. Plans by Constr. Dept. of Owner, Chicago Office.

Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

**Misc. & Ornamental Iron & Steel**

Stairs—Anchor Post Fence Co., 460 Fifth St., San Francisco.

**17— THEATRES**

**PLANS BEING FIGURED**

LOS ANGELES, Cal.—Until Oct. 20, 12 M. Architect C. A. Balch, 1914 C. Vermont Ave., is taking general contract bids for a motion picture theater and store building to be built adjoining the SW corner of Ventura Blvd. and Laurel Canyon Drive for Laurel Theaters, Inc.

**COMPLETING WORKING DRAWINGS**

RECONDONDO BEACH, Los Angeles Co., Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is completing working drawings for a 750-seat theater building to be built in Redondo Beach for the Fox West Coast Theaters, Inc.

**PREPARING PLANS**

LOS ANGELES, Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is preparing plans for altering the Manchester Theater on Manchester Blvd. for Wolf Arthur Grunauer; cost, \$30,000.

**PREPARING PLANS**

BELL, Los Angeles Co., Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is preparing plans for complete remodeling the Claybill Theater in Bell for the Fox West Coast Theaters, Inc.; cost, \$50,000.

## 19—MISC. CONSTRUCTION

Planned  
EXTEND SHOP Cost, \$400,000  
SACRAMENTO, Calif.

Steel and concrete extension (300 x 150 ft.) at the west end of the present Sacramento shops, with three tracks spaced 30 ft. apart with concrete engine pits, two 125-ton capacity traveling cranes and one 10-ton auxiliary crane; new steam power plant, extension of transfer table, installation of drainage system, power lines and transformers.

Owner—Western Pacific Railroad.

Plans by Eng. Dept. of Owner.

Cost of above work included in \$845,000 to be spent in Sacramento, which also includes cost of repairs to 550 freight cars and purchase new tools.

## BIDS WANTED

LOS ANGELES, Calif.—As previously reported, until Nov. 8, 2 p. m., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for construction of approximately 88,400 lin. ft. of woven wire fence and 209 gates along lined canal sections and at certain reservoirs of the Colorado River Aqueduct, in Riverside and San Bernardino Counties, in accordance with Spec. No. 245, copies of which may be obtained Oct. 12 in Room 1007, 306 West 3rd St., upon payment of \$5.00 returnable. Bids may be submitted on one or more schedules, but award will not be made for less than all the items of a schedule. The schedules are:

- (1) Vidal to Iron Mt., incl. Iron Mt. reservoir, 376,000 l.f. 108 gates;
- (2) Iron Mt. to Hayfield, incl. Eagle Mt. reservoir, 307,800 l.f. 90 gates;
- (3) Gene Wash, Cooper Basin and Hayfield reservoirs, 52,000 l.f. 6 gates;
- (4) Cajalco reservoir, 72,000 l.f. five gates.

Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

Schedules and items are:

## SCHEDULE 1

Construction of fences and gates along lined canal between Vidal and Iron Mountain, and around Iron Mtn. reservoir.

- (1) 376,000 l.f. of canal fence;
- (2) 61 30-ft. gates for canal fence;
- (3) 47 4-ft. gates for canal fence;
- (4) 7 spillway crossings, type A;
- (5) 5 spillway crossings, type B;

## SCHEDULE 2

Construction of fences and gates along lined canal between Iron Mtn. and Hayfield, and around Eagle Mtn. reservoir.

- (6) 307,800 l.f. of canal fence;
- (7) 54 10-ft. gates for canal fence;
- (8) 36 4-ft. gates for canal fence;
- (9) 4 spillway crossings, type A;
- (10) 7 spillway crossings, type B;

## SCHEDULE 3

Construction of fences and gates at Gene Wash, Copper Basin, and Hayfield reservoirs.

- (11) 51,000 l.f. of reservoir fence;
- (12) 1000 l.f. of reservoir fence delivered but not erected;
- (13) 5 gates for reservoir fence;

## SCHEDULE 4

Construction of fences and gates at Cajalco reservoir.

- (14) 70,000 l.f. of reservoir fence;
- (15) 7 gates for reservoir fence;
- (16) 2,000 l.f. of reservoir parapet

## BIDS OPENED

OAKLAND, Calif.—M. B. McGowan Inc., 74 New Montgomery Street, San Francisco, at \$4250, submitted low bid to the Oakland City Council, City

Clerk, City Hall, Oakland, for piling at the Municipal Exposition Building Annex 2, Oakland.

Total bids follow:

M. B. McGowan Inc., 74 New Montgomery St., S. F. .... 4360  
Duncanson Harrelson Co., S. F. 4528  
Frank Legg, S. F. .... 4700  
Healy-Tibbitts Const. Co., S. F. 4792

## CONTRACT AWARDED

RIVERTON, Wyo.—M. J. Gilpatrick, Riverton, Wyoming, at \$11,850, was awarded contract by the U. S. Bureau of Reclamation, S. O. Harper, Acting Chief Engineer, Riverton, Wyoming, under Spec. No. 967-D, for the preparation and stockpiling of concrete aggregates, Riverton Project.

To Be Done By Day's Work  
STORAGE ROOM Cost, \$8,500  
BERKELEY, Alameda Co., Cal. 801  
Parker Street.

One-story room for pipe storage.  
Owner—California Consolidated Oil Co., 5th and Parker Sts., Berkeley.

Plans by Engr. Dept. of Owner.

## AWARD SUBJECT TO APPROVAL

ALTURAS, Modoc Co., Cal.—Fairbanks Morse Co., 35 Harrison Street, San Francisco, at \$75,600.00 awarded contract subject to the approval of REA Administration, by the Surprise Valley Electrification Corp., Allan Sackler, Engineer, Room 11, Belli Bldg., Alturas, for the construction of a 900-h.p. diesel electric generating plant for the Surprise Valley Electrification Corp., Alturas. Estimated cost, \$90,000.

Contract Awarded  
ADDITION, ETC. Cont. Pr., \$176,769  
SEATTLE, Wash. Occidental Ave.  
and King Street.

Two-story reinforced concrete and brick addition to warehouse (300 x 45 ft.).

Owner—Northern Pacific Rwy. Co., 1814 King St., Seattle.

Plans by Engineering Department of Owner (A. F. Stotler, Asst. Chief Engineer).

Lessee—Pacific Fruit & Produce Co., Occidental and King St., Seattle.  
Contractor—Peder P. Gjarde, J. Green Eids, Seattle.

Contract does not include lighting fixtures, which will be let later. \* 19

## CONTRACT AWARDED

LOS ANGELES, Calif.—Apex Steel Corporation, 6147 S. Eastern Avenue, awarded contract for steel beams and rails for traveling crane to be installed on ground floor of new building under construction on Vignes Street for General Electric Corporation. Shepard Niles Crane & Hoist Corporation, 826 Santa Fe Avenue has contract for installing the crane. Ed J. Twaits, general contractor, Albert C. Martin, architect.

## BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 8, 2 p. m., bids will be read by the Metropolitan Water Dist. 306 W. 3rd St., L. A., for construction of approximately 808,400 lin. ft. of woven wire fence and 209 gates along lined canal sections and at certain reservoirs of the Colorado River Aqueduct, in Riverside and San Bernardino Counties, in accordance with Spec. No. 245, copies of which may be obtained Oct. 12 in Room 1007, 306 W. 3rd St., upon payment of \$5.00 not returnable. Bids may be submitted on one or more schedules but award will not be made for less than all the items of a schedule. The schedules are:

- (1) Vidal to Iron Mt., incl. Iron Mt. reservoir, 376,000 lin. ft. 108 gates;
- (2) Iron Mt. to Hayfield, incl.

Eagle Mt. reservoir, 307,800 lin. ft. 90 gates;

(3) Gene Wash, Cooper Basin and Hayfield reservoirs, 52,000 lin. ft. 6 gates;

(4) Cajalco reservoir, 72,000 lin. ft. 5 gates.

Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

## BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until October 22, 5:00 p. m., bids will be received by the Union Island Reclamation District No. 1, Ohm & Raab, Engineers, 109 E. Webster Avenue, Stockton, for sloping about one 3,200 lin. ft. of river levee located about 15 miles from Stockton. Work will involve about 36,000 cu. yds. and will require a dragline having a boom reach of about 40 feet or more.

No plans will be mailed out but may be seen at the above office.

## PREPARING PLANS

LOS ANGELES, Calif.—Architect Sumner Spaulding, 9441 Wilshire Blvd., Beverly Hills, is preparing plans for a trailer camp to be built on the Balona Creek site, Playa Del Rey, for the Playa Del Rey Co. Work consists of administration building, store bldg., restaurant, apts., amusement bldg., laundry buildings, 40-car garage and boat house. Accommodations for 3000 or 4000 persons.

## BID CALL CANCELED

HAMILTON FIELD, Calif.—The Contracting Quartermaster, Col. H. E. Pitz, Fort Mason, San Francisco, canceled the bid call under No. W. 6616-38-4 for surfacing the landing mat at Hamilton Field. Bids were called for October 15, 10:00 a. m.

## TO CONSTRUCT

MARE ISLAND, Calif.—Rear Admiral C. S. Kenna, U. S. N. Yard Commandant, announced that the Navy Department has authorized the construction at the Mare Island Navy Yard of two harbor tugs to cost in the neighborhood of \$100,000 each. When completed, one will be assigned to Mare Island and the other to Puget Sound. Plans will be developed by the Boston navy yard. Tugs will be 100 feet long, 25 feet wide, displacement 250 tons, equipped with Diesel engines.

## 20—MISC. SUPPLIES AND MATERIALS

## NO BIDS RECEIVED

SAN FRANCISCO, Calif.—No bids were submitted to the U. S. Engineer in Charge, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 963-36, for furnishing 3500 barrels of oil fuel, Navy Standard, Bunker "C". Delivery shall be made by pipe line from the wharf at Crescent City to the U. S. Dredge "San Pablo."

## CONTRACT AWARDED

LOS ANGELES, Cal.—United Concrete Pipe Corp., Los Angeles, at \$225,500, 2% 20 days, was awarded contract by U. S. Engineer, Los Angeles, for 84-in. diam. reinf. concr. pipe, double medium reinf., delivered to Alhambra Road and Lorain Road, San Gabriel; Cir. Prop. 63, American Concrete & Steel Pipe Co., at \$225,120, 2% 20 days, submitted only other bid.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Stuart Oxygen Co., 1014 E. Olympic Blvd., at \$325, was awarded contract by U. S. Engineer for 75,000 cu. ft. acetylene and



105,000 cu. ft. oxygen. Circ. Prop. No. 64.

### CONTRACTS AWARDED

CONCHAS DAM, N. M.—New Mexico Welding Supply Co., Clovis, N. M., at \$1120, was awarded contract by U. S. Engineer, Conchas Dam, N. M., for (1) 70,000 cu. ft. oxygen gas. Southwestern Oxygen Co., El Paso, Tex., at \$1047, was awarded contract for (2) 30,000 cu. ft. acetylene gas. Invt. W-911-38-42. Complete bids were:

National Cylinder Gas Co., Dallas, Tex.—(1) \$1575; (2) no bid.  
Magnolia Cylinder Gas Co., DH Magnolia Airco Gas Prod. Co., Houston, Tex.—(1) \$1411, (2) \$1092.  
Linde Air Prod., San Francisco—(1) \$1099, (2) \$1068.  
Southwestern Oxygen Co.—(1) \$1-141, (2) \$1047.  
New Mexico Welding Supply Co.—(1) \$1120, (2) \$1036; disc. 25c. 10 da.

### LOW BIDDERS

WILLOWBROOK, Los Angeles Co., Calif.—Following low bids submitted to Willowbrook School District for materials for construction of two-classroom addition to Willowbrook School:

Maple Flooring — Galleher-Cline Hardwood Co., \$115.20 per M ft.; shingles, Owens-Parks Lbr. Co., \$3.65 per square; nails, Blue Diamond Corp., Ltd., \$1.92; pig matl., San Pedro Lbr Co., \$7.42; creosote, San Pedro Lbr Co., \$23.18; bolts, Imperial Howe Co., refnt. steel, Cero Steel Products Co., Lbr. Owens-Parks Lbr. Co., \$15 per M ft.; elec matls., Listenwater & Gough, and plas matl., San Pedro Lbr Co. Bids held under advisement. Plans by Perrine & Mackie; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles.

### BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing paper insulated lead covered cable, as follows:

(1) \$254.45.  
(2) 4.441 feet.  
(3) 3.470 feet.  
(4) 1.227 feet.  
General Cable Corp., Oakland, (1) 7,276.68; (2) 3,215.28; (3) 2,057.71; (4) 570.70.  
Kennicott Wire Cable Co., (1) 7,875.88; (2) 3,411.77; (3) 2,296.54; (4) 738.65.

The following submitted identical bids at (1) 7,575.94; (2) 3,259.09; (3) 2,054.24; (4) 552.90: Graybar Electric Co., Oakland; Westinghouse Electric Co., Oakland; American Corp.; American Automatic Sales, John A. Roebbling & Son and Kellogg Switchboard & Supply Co., San Francisco.

### BIDS OPENED

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 6000 ft. of 1 1/2-inch fire hose.  
American Rubber Mfg. Co., Oakland \$5995.  
Pioneer Rubber Mills, Oakland \$575.  
City of Oakland \$575.  
Fabric Fire Hose Co., Oakland, at \$4800, submitted a total bid.

### BIDS OPENED

SACRAMENTO, California.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$5,000, submitted low bid to the U. S. Engineer Office, Room 205, Post Office Bldg., Sacramento, under Bid No. 1105-38-95, for furnishing and delivering 2000 tons of riprap stone dumped as directed along the riverward toe of a 2400-ft. stretch of levee at the Sartin Ranch, 6 miles north of Colusa, on the Sacramento

River.

Total bids follow:

Lord & Bishop, Native Sons Bldg., Sacto., \$250 \$5000  
Paul Entmatt, Colusa, 2.60 5200  
Basalt Rock Co., Inc., Napa 2.65 5300  
Hutchinson Co., Oakland, 3.15 6300

### BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. L. B. Chambers, District Engineer, 205 Post Office Bldg., Sacramento, under Bid No. 1105-38-98, for furnishing: (1) 1200 94-lb. bags of Portland cement; (2) 120 cu. yd. sand; (3) 175 cu. yd. stone; f.o.b. near Kirkville, Sutter County, Calif.  
Hemstreet and Bell, Marysville, (2) \$3.00; (3) \$3.50, net.  
Fair Portland Cement Co., San Francisco, (1) \$6.75, disc. 10c 10 days.  
Lafayette Kaiser Rock Co., Oakland, (2) \$3.00; (3) \$3.50, net.  
Diamond Match Co., Chico, (1) .75; (2) \$3.00, (3) \$3.50, net.  
Yosemite Portland Cement Co., San Francisco, (1) \$6.75, disc. 10c bbl.  
Pacific Coast Aggregates Inc., (2) \$3.00; (3) \$3.50, net.  
Santa Cruz Cement Co., San Francisco, (1) Total \$789, disc. 10c bbl.  
Henry Cowell Lime and Cement Co., San Francisco, (1) \$6.75, 10c bbl.  
Yolo Gravel Co., Yolo, (1) \$7.75; (2) \$7.00; (3) \$3.50, (1) 2 1/2 10 days; (2 and 3) net 30 days.

Total bids follow:  
Consolidated Rock Products Co.: \$1.88 ton; total, \$14,661, delivery to job; \$1.57 ton, total, \$12,246, fob 1700 N. Alameda St., Compton; disc. \$20 ton 25th prox.  
Arrow Rock Co.: \$2.08 ton, total, \$16,224, delivered to job; disc. \$20 ton 25th prox.  
Graham Bros.: \$1.84 ton, total, \$14-352, fob Cherry Ave. north of Artesia Ave. Hynes; disc. \$20 ton 25th prox.  
Azusa Rock & Sand Co.: \$2.10 ton, total, \$16,380, delivered to job site; disc. \$20 ton 25th prox.

BIDS OPENED  
SAN FRANCISCO—The following submitted bids to the Forest Service, Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1175, for furnishing a 24-in. by 45-ft. anti-friction bearing, sectionalized belt conveyor; f.o.b. bidder's shipping point.

The Six Co., San Francisco—(1) \$1094; (2) \$589; f.o.b. Cedar Rapids; (1) \$1445.50; (2) \$640.50; f.o.b. Redding; 1 1/2 10 days.  
A. H. Coates Co., San Francisco—(1) \$2415; (2) \$1304.30; f.o.b. Redding; (1) \$256.20, (2) \$1342.10; f.o.b. Redding; net.

BID CALL CANCELLED  
SAN FRANCISCO—The U. S. Engineer Office, Lt.-Col. J. A. Dorst District Engineer, 401 Custom House, San Francisco, cancelled the bid call, under Bid No. 988-38-48, for furnishing manila rope: Lot 1, 2550 lbs. fob Piers 3 1/2 and 27, Waterfront, San Francisco, and U. S. Engineer Storehouse, Presidio; Lot 2, 4960 lbs. fob Los Angeles.

Bids were called for October 14.

BIDS WANTED  
SAN FRANCISCO—Until Oct. 25, 3 p.m., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, San Francisco, under Bid No. 1917, for furnishing special manganese steel pipe for the Municipal Railway.

Plans and specifications may be obtained at the above office.

BIDS OPENED  
LOS ANGELES, Calif.—The following submitted bids to the U. S. Engineer, Los Angeles, for 75,000 cu. ft. acetylene and 150,000 cu. ft. oxygen, delivered to job site in Los Angeles County Drainage District, Circ. Prop. 64.

Stuart Oxygen Co. No disc \$3525; unit prices, \$2.40 and \$1.15;  
Gordon Duff—No disc; \$3675; unit prices, \$2.50 and \$1.20;  
Home Oxygen Co., Inc. No disc, \$3872.50; unit prices, \$2.55 and \$1.30.  
Nat'l Cylinder Gas Co.—No disc, \$3915; unit prices, \$2.55 and \$1.32.  
Linde Air Products Co., San Francisco—No disc, \$1920; unit prices, \$2.70 and \$1.40.

Contract awarded  
GOVERNMENT ISLAND, Calif.—Charles E. Bennett Co., 315 Montgomery St., San Francisco, at \$189 per ton, was awarded contract by the Forest Service Supply Depot, Frank Hayne, Supply Officer, Government Island, under Bid No. 5199, for furnishing 1755 bags of Portland cement; f.o.b. Kentucky House, Calif.

BIDS OPENED  
OAKLAND, Calif.—Bethlehem Steel Co., Webster and Tannan Sts., Alameda, at \$67,700, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 520 16th St., Oakland, under Proposal 917, for furnishing 31 7/8-in. square steel steel rods.  
Herbert Iron Works, Oakland, at \$274,000, submitted the other bid.

Contract awarded  
GOVERNMENT ISLAND, Calif.—Charles E. Bennett Co., 315 Montgomery St., San Francisco, at \$189 per ton, was awarded contract by the Forest Service Supply Depot, Frank Hayne, Supply Officer, Government Island, under Bid No. 5199, for furnishing 1755 bags of Portland cement; f.o.b. Kentucky House, Calif.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav., Wells	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Syst.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

## CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Peter J. McHugh, 3004 16th Street, San Francisco, at \$55,391.00 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a bridge across the Garcia River, 3.5 miles north of Point Arena, consisting of one 120-ft. steel truss span, one 68-ft., two 50-ft. and one 30-ft. 6-in. steel beam spans on concrete piers with timber pile foundations, and approximately four-tenths mile grading and surfacing with imported material and applying penetration oil treatment.

## CONTRACT AWARDED

SACRAMENTO CO., Calif.—P. F. Bender, 1012 De Paso Blvd., North Sacramento, at \$141,000 submitted the low bid to Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Court House, Sacramento, for repairing the Presberry Trestle, Sacramento County.

## CONTRACT AWARDED

SACRAMENTO CO., Calif.—John C. O'Leary, 149 Hancock St., San Francisco, at \$4,120.26, was awarded contract by the Sacramento County Bd of Supervisors, T. F. Patterson, Co. Clerk, Room 201, Court House, Sacramento, for the lengthening of the timber and concrete bridge over Linda Creek on Indiana Avenue.

## CONTRACT AWARDED

ALAMEDA CO., Calif.—Heafey-Moore Co., Fredrickson & Watson and Fredrickson Bros., Oakland, at \$96,850.14, were awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two grade separations: one over the tracks of the Southern Pacific Company at Redmond, and the other under the tracks of the Western Pacific Railroad Co. at Stone Cut.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Huffman Engineering and Construction Co., 2022 E. 7th St., Los Angeles, at \$13,214.80, was awarded contract by the Los Angeles Board of Public Works for construction of the Pomeroy Avenue bridge over Ramona Boulevard.

## BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until October 26, 3 P. M., bids will be received by the State Highway Department, 1365 Harbor Boulevard, San Diego, for construction a timber

bridge and approaches in San Diego County at San Felipe Creek, about 11.8 miles east of Julian (XI-S.D.-198-E. P.). Plans and specifications may be obtained at the office of the engineer at the above address. Cash of certified or cashier's check for 10% must accompany each proposal. E. E. Wallace, District Engineer, District XI.

## Contract Awarded

ELDORADO CO., Calif.—Campbell Construction Co., 800 "R" Street, Sacramento, at \$38,857.50 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge, consisting of three 71-ft. 0-in. spans and two 54-ft. 6-in. spans on concrete bents and abutments across Webber Creek, about 2½ miles west of Placerville, Eldorado County.

## Contract Awarded

TRINITY CO., Calif.—W. K. Van Bokelen Construction, 439 22nd St., Oakland, at \$30,894, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete bridges; one across Big Creek, consisting of one 22-ft. and two 16-ft. slab spans, and the other across Hayfork Creek, consisting of one 60-ft., two 45-ft., and two 37-ft. 6-in. girder spans.

## BIDS WANTED

LOS ANGELES CO., Calif.—Until Nov. 4, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a reinforced concrete girder bridge and 0.3 miles grading and surfacing with plant mixed surfacing roadway approach on Puente Avenue at Walnut Creek, Los Angeles County, Calif.

## Work involves:

- (1) 15 sta. clear and grub right of way;
- (2) 300 M. gals. water;
- (3) 200 c.y. roadway excav., without classification;
- (4) 9,600 c.y. imported borrow;
- (5) 2,100 c.y. imported surf. material;
- (6) 350 c.y. struc. excav.;
- (7) 15 sta. finishing roadway;
- (8) 4 tons liq. asphalt, SC-2, prime coat;
- (9) 700 tons mineral aggregate, plant-mix surf.;
- (10) 40 tons liq. asphalt, ROMC-4 or ROMC-5, plant-mix surf.;
- (11) 8 tons liq. asphalt, SC-1A, penetration oil treatment;

- (12) 28,000 lbs. bar reinf. steel;
- (13) 172 c.y. class A portland cement conc. strucc.;
- (14) 7 MFMB treated Douglas fir timber;
- (15) 150 lf. solid timber railing;
- (16) 0.07 mi. existing property fence moved and reset;
- (17) 2 each, clearance markers;
- (18) 1 only, existing bridge, removed and disposed of.

Plans and specifications may be obtained from the above office. \* 21

## BIDS WANTED

MERCED CO., Calif.—Until Nov. 8, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for the construction of an under-grade crossing under the tracks of the Southern Pacific Company, at Livingston, consisting of a steel girder track span on concrete abutments and pier and approximately 1.9 miles of roadway to be graded and paved with Portland cement concrete, Merced County.

## Work involves:

- (1) 101 sta. clear and grub;
- (2) 550 M. gals. water;
- (3) 53,000 c.y. roadway excav., without class.;
- (4) 2,000 c.y. struc. excav.;
- (5) 750,000 sta. yds. overhaul;
- (6) 26,500 sq. yds. preparing sub-grade;
- (7) 101 sta. finishing roadway;
- (8) 350 c.y. salvaged surf.;
- (9) 4,400 tons untreated crushed gravel or stone surf.;
- (10) 11 tons liq. asphalt, MC-2, prime coat;
- (11) 8 tons asphalt emulsion, seal coat;
- (12) 80 tons liq. asphalt, MC-5, or McCorder heat set plant-mix surf.;
- (13) 125 sq. yds. asphalt paint binder;
- (14) 1750 tons min. aggregate plant-mix surf.;
- (15) 85 tons screenings, seal coat;
- (16) 25 tons liq. asphalt, SC-2, shoulder penetration;
- (17) 2,350 c.y. class B portland cement conc. pavement;
- (18) 1,180 c.y. class A portland cement conc. strucc.;
- (19) 1,525 c.y. class B portland cement conc. thick pavement;
- (20) 1,115 c.y. class A portland cement conc. curbs, gutters and sidewalks;
- (21) 625 c.y. Class A portland cement conc. slope paving;
- (22) 525 c.y. exist. conc. removed and disposed of;
- (23) 218,000 lbs. bar reinf. steel pava. reinf. strucc.;
- (24) 9,700 each, pavement dowels;
- (25) 2,600 each, pave. tie bolt assemblies;
- (26) 216,000 lbs. fabricated structural steel;
- (27) 9,150 lbs. fabricated cast steel rockers and bearings;
- (28) 50,000 lbs. fabricated wrought-iron plate;
- (29) 8,000 lbs. misc. iron and steel;
- (30) 4,700 lbs. copper strips;
- (31) 2,520 lf. furnishing treated Douglas Fir piles;
- (32) 10,395 lf. furnish, untreated Douglas Fir piles;
- (33) 287 each, driving piles;
- (34) 810 lf. 8-in. CMP;
- (35) 480 lf. 10-in. CMP;
- (36) 48 lf. 18-in. CMP alpha;
- (37) 1 only, 18-in. conc. joint;
- (38) 100 lf. 6-in. perf. metal pipe underdrains;
- (39) 94 lf. 8-in. perf. metal pipe underdrains;
- (40) 3,680 lf. 12-in. perf. metal pipe

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

- (41) underdrains;
- (42) 750 c.y. rock filling material underdrains;
- (43) 30 lf. 8-in. plain conc. pipe;
- (44) 464 lf. 12-in. plain conc. pipe;
- (45) 250 lf. 15-in. plain conc. pipe;
- (46) 110 lf. 18-in. plain conc. pipe;
- (47) 300 lf. 14-in. welded steel pipe;
- (48) 2.6 m. new private fence;
- (49) 9 each, drive gates;
- (50) 27 each, monuments;
- (51) 4 each, section type A-12 angle traffic lane pavement crossing devices;
- (52) 1 lot lumping equipment;
- (53) 1 lot, elect. equipment;
- (54) 1 lot, misc. items of work.

Plans and specifications may be obtained from the above office. \* 21

**23— CANALS**

**BIDS OPENED**  
**TUOLUMNE CO., Calif.**—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, ca. \$18,218, submitted low bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Contract No. 172, for installing and furnishing steel liner plates in Moccasin Diversion Conduit, Tuolumne County, Calif.

- Work involves:
- (1) 100 c.y. excavation;
  - (2) 135 bbls. portland cement;
  - (3) 20 c.y. concrete in conduit invert;
  - (4) 30 c.y. mortar;
  - (5) 2900 liner plates;
  - (6) 250 anchor bolts.

Total bids follow:

(A) MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., S. F. ....	\$18,218.00
(B) L. Ubels, Ripon, .....	20,450.00
(C) Robt. B. McNair, Oakland, .....	20,566.00
(D) Underground Constr. Co., Berkeley, .....	20,650.00

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$2.50	\$6.00	\$5.00	\$11.00
(2).....	3.00	3.00	3.00	3.00
(3).....	18.00	24.00	20.00	30.00
(4).....	20.00	30.00	16.00	40.00
(5).....	5.45	5.50	5.90	5.00
(6).....	.90	1.50	1.75	2.00

**Contract Awarded**  
**RIVERTON PROJECT, Wyo.**—Otis Williams & Co., St. Anthony, Idaho, at \$55,800 was awarded contract by U. S. Bureau of Reclamation, John C. Page, Commissioner, Riverton, Wyo., under Spec. No. 746 for the construction of structures, Pilot Canal, station 1363 of station 1571, and bridge at station 845 plus 91.8, Riverton Project.

**CORRECTION—BIDS WANTED**  
**ALL AMERICAN CANAL:** Until November 1st, 10:00 a.m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Federal Building, Yuma, Arizona, for the construction of the Siphon Drop turnout, station 775+00, and drainage inlets, stations 225+25, 281+95, 295+75, and 321+30, All American Canal, Boulder Canyon Project, Arizona-California-Nevada.

- Work involves:
- (1) 48,300 cubic yards of excavation;
  - (2) 43,400 station cubic yards of overhaul;
  - (3) 690 cubic yards of compacted subbase;
  - (4) 1.6 yards of reverse filters;
  - (5) 8,230 cubic yards of backfill;
  - (6) 1,725 cubic yards of concrete in structure;
  - (7) 1,350 square yards of dry-rock paving;
  - (8) 1,234 cubic yards of riprap;
  - (9) Placing 277,200 pounds of reinforcement bars;
  - (10) Installing 451 linear feet of rubber water stops;
  - (11) Installing 370 square feet of

- elastic joint-filler material;
- (12) Driving 253,700 pounds of steel sheet piling;
- (13) Installing 33,250 pounds of metalwork; and
- (14) Installing 300 linear feet of electrical conduit.

Plans and specifications may be obtained from the above office.

**CONTRACTS AWARDED**

**SNOWFLAKE, Ariz.**—Tanner Construction Co., 801 Security Bldg., Phoenix, at \$45,412, was awarded the contract by the Showlow-Silver Creek Water Conservation and Power District, Snowflake, Ariz., for constructing 13 miles of canals and structure, Sections I, II, and IV, at Daggs Reservoir.

**Hanson Pump & Machine Works, 222 N. 5th Ave., Phoenix, at \$3,776.10, was awarded the contract for furnishing a propeller type pump for the pumping station on Silver Creek.**

**BIDS WANTED**

**BAKERSFIELD, Kern Co., Calif.**—As previously reported, until Oct. 18, 5 p.m. (opened at 8 p.m.), bids will be received by the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, for the construction of a reinforced concrete siphon at 21st Street and Stine Canal Extension, Bakersfield.

- Work involves:
- (1) 290 c.y. struc. cement conc.;
  - (2) 21,000 lbs. reinf. steel;
  - (3) 158 c.y. struc. excavation.

Plans and specifications may be obtained at the office of the City Engineer.

**25— MACHINERY AND EQUIPMENT**

**CONTRACT AWARDED**

**BAKERSFIELD, Kern Co., Calif.**—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$9,395.51, submitted low bid to the City Council by the Bakersfield City Council for paving and lighting of the Golden State-Union Ave-21st Street intersection.

Total bids follow:

Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, .....	\$9,395.51
Ruza & Huntley, San Jose 11,534.90	
Rexroth & Rexroth, Bakersfield .....	13,266.35

**BIDS WANTED**

**SAN FRANCISCO**—Until Oct. 27, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Spec. No. 19985, for installing a lighting system in Castro Street extension from Duboce Avenue to Waller and Divisadero Sts., San Francisco. Estimated cost, \$2700.

Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10. \* 24

**26— RAILROADS**

**BIDS OPENED**

**BOULDER CANYON PROJECT.**—The following additional bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 976-D, for furnishing a relay board for installation in the 230-kv. substation at the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada, for shipping plant and/or Boulder City, Nevada. Apparatus will be installed by the Government.

Total bids follow:

Square D Company, Denver, Colorado, at \$1,235,000, f.o.b. Los Angeles, .....	
Wolfe and Mann Mfg. Co., Baltimore, Md., at \$1,678,100, f.o.b. Baltimore, .....	

General Electric Co., Schenectady, N. Y., \$2,783, f.o.b. Boulder City, Nevada;  
 Westinghouse Elec. & Mfg. Co., Denver, Colo., \$2,750, f.o.b. Boulder City, Nevada. \* 25

**Contract Awarded**

**YOSEMITE NATIONAL PARK.**—As previously reported, Sam Bates Co., at \$97.50 per month, was awarded contract by the Yosemite National Park, Lawrence C. Harrlam, Acting Superintendent, Yosemite National Park, under Bid No. 1112, for rental for 6 months of one electrically operated double-drum hoist; f.o.b. West Portal, Big Oak Flat Road Tunnel.

- Total bids follow:
- Sam Bates Co. (1) \$97.50 per mo;
  - (2) no bid; deliv. job site;
  - Edward R. Bacon Co., (1) \$274.50;
  - (2) \$299.50; deliv. El Portal;
  - Bevis Machinery Co., (1) \$250; (2) no bid; deliv. El Portal;
  - Hackley Equip. Co., (1) \$275, 1st mo; \$125 balance of time; (2) no bid; deliv. El Portal;
  - A. L. Young Machy. Co., (1) \$249.50, (2) no bid; deliv. El Portal;
  - Adams Constr. Co., (1) \$135; (2) \$25; deliv. El Portal;
  - Smith Equip. Co., (1) \$350 per mo first 6 months, \$150 mo. balance of time; (2) \$350 and \$150; deliv. El Portal;
  - Brown-Bevis Equipment Co., (1) \$3000 1st mo, \$100 mo. balance of time; (2) no bid; deliv. El Portal.

**BID CALL CANCELLED**

**SACRAMENTO, Calif.**—The U. S. Engineer Office, Lt.-Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, cancelled all bids under Bid No. 1105-38-94, for one stationary gasoline engine driven, air compressor, pint, skid mounted.

**BIDS WANTED**

**DAYTON, Wn.**—Until November 2, 7:30 p.m., bids will be received by H. W. Newton, City Clerk, Dayton, for sewage plant equipment, including mechanical collectors, sludge pumps, circulation pumps, chlorinator, dry chemical feeders, rotary distributor and/or mechanical aerator, flow meter and flocculators.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**COALINGA, Fresno Co., Calif.**—Until Oct. 21, 7:30 p.m., bids will be received by the Board of Trustees of the Coalinga Union High School District, T. H. Robinson, Secretary, office of the high school, Coalinga, for the sale of two White trucks with G. R. motors and one Yellow Cab coach school bus with Dodge motor.

**BIDS WANTED**

**COALINGA, Fresno Co., Calif.**—Until Oct. 21, 7:30 p.m., bids will be received by the Board of Trustees of the Coalinga Union High School District, T. H. Robinson, Secretary, office of the high school, Coalinga, for furnishing one 1½ to 2-ton truck, steel cab, stake or platform body, 9 to 12 ft. long.

Plans and specifications may be obtained from the above office.

**Contract Awarded**

**BERKELEY, Alameda Co., Calif.**—Fidelity Motors, 2900 Shattuck Ave., Oakland, at \$600, was awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing eight trucks.

**BIDS REJECTED**

**BERKELEY, Alameda Co., Calif.**—The Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley,

ley, rejected all bids for furnishing eight Reliance trailers. \* 25

#### BIDS OPENED

**SAN FRANCISCO**—Following submitted bids to the Forest Service Regional Office, P. C. Brown, Procurement Officer, 1022 Phelan Bldg., 760 Market St., San Francisco, under Bid No. 1177, for furnishing blower type heating units; f.o.b. Susanville, Cal. E. F. Sturtevant, S. F.—\$164.62, 2% 10 days.

American Blower Corp., S. F.—\$185.30, 2% 10 days.  
Dallman Supply Co., Sacramento—\$185.30, 2% 30 days.

Crane Co., S. F.—\$137.90, 2% 30 days.  
J. O. and C. U. Martin, S. F.—\$197.54, 2% 10 days.

Geo. E. Swett Co., S. F.—\$186.68, net.

Airtherm Co., S. F.—\$158.30, 1% 10 days.

Bids under advisement. \* 25

#### BIDS WANTED

**OAKLAND, Calif.**—Until Oct. 20, 5.30 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under informal proposal No. 920 for furnishing one motor truck chassis not less than 25,000 pounds.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**SACRAMENTO, Calif.**—Following submitted bids to the State Purchasing Agent, Department of Finance, 319 State Capitol, Sacramento under Bid No. 16300, for furnishing one 3-c.v. gasoline-powered shovel, fob Eureka.

Total bids follow:  
Browning Crane & Shovel Co., Los Angeles, \$7,966; 1% 10 days.

Harron, Rickard & McCone Co., San Francisco: \$9,845; 2% 10 days.

Spears Wells Machinery Co., Oakland, \$5,850; discount \$100 10 da.

Garfield & Co., San Francisco, \$5,850.00; net.  
Harnischfeger Sales Corp., San Francisco, \$7,765.60; discount, \$142.50, 15 days. Alternate \$7049; disc., \$266.00, 15 days.

#### CONTRACTS AWARDED

**KENDRICK PROJ., Wyo.**—Silver Roberts Iron Works, Denver, at \$21,600 (Item 1); St. Louis Structural Co., East St. Louis, Ill., at \$28,156 (Item 2) and \$5,177 (Item 3) and Spuck Iron and Foundry Co., St. Louis, at \$2,350 (Item 4) were awarded contracts by the Bureau of Reclamation, John C. Page, Commissioner, Denver, under Spec. No. 753, for trash-rack metal work for the outlet works trash-rack structure and for three power-penstock trash-rack structures for the Seminoe Dam, Kendrick Project, Wyo. Installation will be made by the Government; fob shipping point and at Parco, Wyo.

#### CONTRACTS AWARDED

**LOS ANGELES**—General Electric Co. at \$62,704.68 (Item 1) and Westinghouse Elec. & Mfg. Co. at \$23,435.77 (Item 2) were awarded contracts by the Los Angeles Water & Power Purchasing Agent for (1) 75-kva 60-cycle feeder voltage regulators, (2) six 150-kva dot; Spec. No. 2398.

#### BIDS WANTED

**SAN FRANCISCO**—The following submitted bids to the U. S. Engineer Office, Lt. Col. J. A. Dorst, District Engineer, 101 Custom House, San Francisco, under Bid No. 68-38-43, for rental of portable electric welding apparatus and acetylene burning apparatus; fob San Francisco.

W. E. Thomas, Oakland—\$1935 net. Cassidy & Gratta, San Francisco—\$1978.75.

General Welding Co., San Francisco—\$691.50.

Peerless Welding Co., San Francisco—\$230.50.

East Bay Welders, Oakland—\$2,131.25, 2% 10 days.

Brown Bros. Welding Co., San Francisco—\$2325 net.

#### BIDS OPENED

**SACRAMENTO, Calif.**—Following submitted bids to the State Purchasing Agent, Department of Finance, 319 State Capitol, Sacramento under Bid No. 16229, for furnishing one 3-c.v. gasoline-powered shovel; fob Willits:

Total bids follow:  
Electric Steel Foundry Co. San Francisco, \$7,044.50; 1/4% 30 days.

Harron, Rickard & McCone Co., San Francisco, \$6,530; disc. \$208.30, 10 days.

Edward R. Bacon Co., San Francisco \$7,853.55; 2% 10 days.

Browning Crane & Shovel Co., Los Angeles, \$7,966.00; 1/4% 10 days.

Harnischfeger Sales Corp., San Francisco, \$6,602.46; disc. \$371.50, 15 days.

Eucyrus Erie Co., San Francisco, \$7,075.00; disc. \$130.50, 15 days.

Garfield & Co., San Francisco, \$6,275.00; net.

Spears Wells Machinery Co., Oakland, \$6,985.00; disc. \$100, 10 days.

#### BIDS OPENED

**LOS ANGELES**—Artukovich Bros., 912 S. Atlantic Blvd., Hynes, at \$10,250, submitted low bid to Los Angeles Board of Public Works, for construction of pedestrian subway across Melrose Ave. and Melrose Pl., 100 ft. W. of Orlando Ave.; PWA Proj. 1461.

#### Total bids follow:

Artukovich Bros., 912 S. Atlantic Blvd. . . . . \$10,250

W. J. Distell . . . . . 10,752

Tomei Constr. Co. . . . . 11,000

David J. Reed . . . . . 11,200

W. O. Oehl . . . . . 11,777

Charles J. Dorfman . . . . . 11,900

R. J. Daum . . . . . 12,238

Oscar Oberg . . . . . 12,469

Atlas Constr. Co. . . . . 12,500

Palmer & Van Dell . . . . . 12,546

Contracting Engineers Co. . . . . 12,948

Carl Hallin . . . . . 12,960

Paul D. Lawrence Co. . . . . 12,995

Behck & Erickson . . . . . 13,414

Peter P. Shelby . . . . . 15,279

Thos. Mellyvena . . . . . 21,940

#### BIDS OPENED

**SACRAMENTO, Calif.**—The following submitted bids to the U. S. Engineer Office, Room 208, Post Office Building, Sacramento, under Bid No. 1105-38-91, for furnishing one carry-all scraper of 8 c.v. capacity, completely equipped; fob Sacramento, Calif.

Total bids follow:  
Southwest Welding & Mfg. Co., Los Angeles—\$2200, 5 days del.; 2% 30 days.

Weaver-Rye Tractor Co., Sacramento—\$3735; 2% 20 days; 1% 30 days.

Edward R. Bacon Co., San Francisco—\$4150; 5% 10 days.

R. G. Letourneau—\$3760; 5 da. del.; 1% 30 days.

L. S. Grimsley, Inc.—\$3765.14.

Lee Thatro Equipment Co., L. A.—\$2925 10 day del.; 5% 10 days, 3% 20 days.

J. D. Adams Co., San Francisco—\$3255 20 day del.; 2% 30 days.

Dolan Tractor Co.—\$3700 (with equipment), \$2937 (without power unit); 10 days del.; 5% 10 days.

#### BIDS WANTED

**BONNEVILLE PROJECT, Ore.**—

Until November 9, 3 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-136, for performing all work for the fish lift operating machinery for the Rooneyville Project, Oregon. Alternate A f.o.b. shipping point; Alternate B f.o.b. Bonneville, Oregon.

Work involves:

(1) 12 fish lift entrance and exit gate hoists;

(2) 3 fish lift elevator hoists;

(3) 14 radial gate hoists.

Plans and specifications may be obtained from the above office upon deposit of \$10. \* 25

#### BIDS OPENED

**LOS ANGELES, Cal.**—The following submitted bids to United States Engineer, Los Angeles, for RENTAL of core drilling equipment complete with accessories and operating personnel, for drilling through overburden and rock and for taking dry samples and cores and performing pressure tests at locations as follows in Orange County Flood Control District, under Circ. Prop. 59:

**Prado Retarding Basin**

(1) (a) First 3750 drill rig hrs (4 drill rigs);

(b) 1250 drill rig hrs after first 3750 hrs.

**Brea Retarding Basin**

(2) (a) First 1275 drill rig hrs (2 drill rigs);

(b) 425 drill rig hrs after first 1275 hrs.

**Fullerton Retarding Basin**

(3) (a) First 1050 drill rig hrs (2 drill rigs);

(b) 350 drill rig hrs after first 1050 hrs.

**Carbon Retarding Basin**

(4) (a) First 1050 drill rig hrs (2 drill rigs);

(b) 350 drill rig hrs after first 1050 hrs.

**San Juan Retarding Basin**

(5) (a) First 2250 drill rig hrs (3 drill rigs);

(b) 750 drill rig hrs after first 2250 hrs.

**Santiago Retarding Basin**

(6) (a) First 1275 drill rig hrs (1 drill rig);

(b) 425 drill rig hrs after first 1275 hrs.

**Trabuco Retarding Basin**

(7) (a) First 1375 drill rig hrs (2 drill rigs);

(b) 525 drill rig hrs after first 1375 hrs.

**Aliso Retarding Basin**

(8) (a) First 900 drill rig hrs (1 drill rig);

(b) 300 drill rig hrs after first 900 hrs.

Total bids follow:

Concore, Inc., Los Angeles: (5a) and (5b) \$4.85; total, \$14,550; (7a) and (7b) \$4.85, total, \$10,185; (8a) and (8b) \$4.85, total, \$5820.

Cannon Bros., Compton: (1a) \$7; (1b) \$6.50, total, \$13,900; (2a) \$6.05; (2b) \$6, total, \$10,283.75; (3a) \$6.29;

(3b) \$6.05, total, \$8627.50; (4a) \$6.25; (4b) \$6.05, total, \$8680; (5a) \$6.25;

(5b) \$6, total, \$18,562.50; (6a) \$7.50; (6b) \$7.50, total, \$12,750; (7a) \$6.25;

(7b) \$6, total, \$12,925; (8a) \$6.25, (8b) \$6, total, \$7425; total, \$13,202.50.

M. B. McGowan, San Francisco: (1a) \$6.10; (1b) \$5.20, total, \$29,375; (5a) \$6.55; (5b) \$6.05, total, \$19,275;

(6a) \$7.25; (6b) \$6, total, \$11,793.75.

Lynch Bros., Seattle: (5a) \$8; (5b) \$7, total, \$22,350; (6a) \$7; (6b) \$6, total, \$11,475; (8a) \$7; (8b) \$6, total, \$8,100.

Pennsylvania Drilling Co., Pittsburg, Pa.: (2a) \$8.85; (2b) \$8.45, total, \$14,875; (3a) \$8.85; (3b) \$8.45, total, \$12,370; (4a) \$8.85; (4b) \$8.45, total, \$25,350; (6a) \$8.85; (6b) \$8.45, total, \$11,875; (7a) \$8.85; (7b) \$8.45, total,

tal \$20,575; (8a) \$8.85; (8b) \$8.45; total \$10,500.00.

**BIDS OPENED**

**GILA PROJECT, Ariz.**—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 972-D for eight sluiceway gates and eight diversion gates for installation in Basin No. 3 of the desilting works of the Gila Valley Canal, Gila Project, Ariz. Gates will be installed by the Government; job shipping point and/or Potholes, Calif.

Total bids follow:  
Mississippi Valley Structural Steel Erectors, Park, Ill.; job same; 149,000 lbs., \$16,360.00.

Worden-Allen Co., Milwaukee; job same; 158,200 lbs.; \$14,580; 1/2%.

Bethlehem Steel Co., Chicago; job same; 153,000 lbs.; \$21,267.00.

Commercial Iron Works, Inc., Portland, Ore.; job same; 160,000 lbs.; \$19,385.00.

Consolidated Steel Corp., Ltd., Los Angeles; job same; 158,000 pounds; \$15,902.00.

New York Shipbuilding Corp., Camden, N. J.; job same; 150,000 pounds; \$25,480.00.

Valley Iron Works, Yakima, Wash. job same; 158,174 lbs.; \$17,000; 5%.

California Steel Products Co., San Francisco; job same; 160,500 lbs.; \$15,465.00.

Pacific Iron & Steel Co., Ltd., Los Angeles; job same; 162,000 lbs.; \$12,465.00.

International Engr., Inc., Dayton, Ohio; job same; 163,000 lbs.; \$15,495.00; 1%.

American Bridge Co., Denver, Col.; job same; 162,000 lbs.; \$20,280.00.

Berkeley Steel Const. Co., Inc., Berkeley, Calif.; job same; 166,000 lbs.; \$17,400.00; 1/2%.

The Smith Corp., dba General Iron & Steel Works, Portland, Ore.; job same; 165,000 lbs.; \$13,750.

Southwest Welding & Mfg. Co., Inc., Alhambra; job same; 155,000 lbs.; \$15,146.00; 1/2%.

Hunter Steel Co., Pittsburgh, Pa.; job Neville Island, Pa.; 165,000 lbs.; \$17,240.00.

Lakeside Bridge & Steel Co., Milwaukee, Wis.; job same; 149,800 lbs.; \$15,000.00.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at \$25,415, was awarded the contract by the Metropolitan Water District, P. O. B., Sunnyvale, for sluiceway gate assemblies for valve structures of the San Gabriel and Eagle Rock Canyon crossings, specification 238.

**BIDS OPENED**

**BOULDER CANYON PROJECT**—The following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 974-D, for furnishing one gasoline-engine generator unit for installation at the Imperial Dam and desilting works, All-American canal system, Boulder Canyon Project, Arizona—California, Nevada.

Equipment will be installed by the Government; job shipping point and/or Yuma, Arizona.

Total bids follow:  
LeRoy Company, Milwaukee, Wis., \$3,880; job Milwaukee; alternate \$3,303; job Milwaukee;

U. S. Motors Corp., Oshkosh, Wis., \$3,420, disc 1%, job Oshkosh;

Climax Engineering Co., Chicago, Ill., \$2,952, disc 1%, job Clinton, Iowa;

Stone Heating and Ventilating Co., Washington, D. C., \$4,300; job Milwaukee, Wis.;

Maurice W. Brainard, Los Angeles,

Calif., \$3,550; job Los Angeles; alternate bid, job Los Angeles, \$3,350, \$3,670, \$2,950.

**26— RAILROADS**

**BIDS OPENED**

**SAN FRANCISCO**—Alta Elec. & Mech. Co., Inc., 467 O'Farrell St., San Francisco, at \$15,507, submitted low bid to the State Dept. of Pub. Wks., San Fran-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of the catenary and feeders of the railway facilities of the San Francisco-Oakland Bay Bridge.

Work involves:  
Proposal "A"—Contract R-10—Main Bridge and San Francisco Loop

(1) Feeder cables at S. F. substation

(2) Feeder cables at Island substation and the station;

(3) W-4 tie station;

(4) Island tie station, building and equipment;

(5) E-7 tie station;

(6) 12 disconnecting switches, type K;

(7) 18 do. type R;

(8) 6,000 lf. rent feeder cable;

(9) jumper cables at bridge expansion joints.

(10) 15,000 lbs. misc. iron;

(11) overhead construction;

Proposal B—Contract R-21C—East Bay Yard

(12) Feeder cables at Mole station.

(13) yard tie station;

(14) East end tie station;

(15) 8 disconnecting switches, type H

(16) 6 do. type B-S P. D. T.;

(17) connections 600-volt overhead to contact rail;

(18) 35,000 lbs. misc. iron;

(19) overhead construction;

(20) power line to service building.

All work in the above items 1 to 20 inclusive will be awarded as one contract, the division into Contracts R-10 and R-21C being only for purposes of record.

Total bids follow:  
(A) Alta Elec. & Mech. Co., Inc., 467 O'Farrell St., San Francisco—\$15,507.00

(B) Kenny Bros., San Francisco—\$490,457.00.

(C) Radelinger Bros., San Francisco—\$519,650.00.

Unit prices follow:

PROPOSAL "A"

(1)	814590.00	(B)	812084.00	(C)	\$16485.00
(2)	16926.00		12605.00		17869.00
(3)	33723.00		27799.00		37943.00
(4)	23111.00		32610.00		38095.00
(5)	39050.00		32155.00		37921.00
(6)	267.00		397.00		402.00
(7)	292.00		424.00		430.00
(8)	50		20		50
(9)	20650.00		32139.00		25000.00
(10)	51		130		50
(11)	79772.00		82984.00		87098.00

PROPOSAL "B"

(1)	3579.00	(B)	3183.00	(C)	4272.00
(2)	11840.00		17896.00		19876.00
(3)	2180.00		3097.00		36492.00
(4)	5987.00		4370.00		6000.00
(5)	782.00		378.00		600.00
(6)	775.00		613.00		800.00
(7)	1110.00		1791.00		1000.00
(8)	71		130		50
(9)	10990.00		8784.00		10177.00
(10)	5207.00		6184.00		7209.00

**29— STREETS AND HIGHWAYS**

**Contract Awarded**

**LINCOLN CO., Nevada**—Nevada Rock & Sand Co., Reno, Nevada, at \$3,802.75, was awarded contract by the State of Nevada, Dept. of Highways, Heros Memorial Bldg., Carson City, Nevada, for the construction of 1490 cu. yds. of the State highway from 5 1/2 miles north of Dutch John's, 5 1/2 miles north

of Dutch John's, Route 7, Sections D2 and E, Lincoln County. \* 29

**Contract Awarded**

**LINCOLN CO., Nevada**—Nevada Rock & Sand Co., Inc., Reno, Nev., at \$57,692.80, was awarded contract by the Directors of the Department of Highways, Heros Memorial Bldg., Carson City, for approximately 10.1 miles of highway construction from a point 5.4 miles north of Dutch John's to the Lincoln-White Pine County Line, Route 7, Sec. E, Lincoln County. \* 29

**BIDS WANTED**

**BERKELEY, Alameda Co., Calif.**—Until October 28, 10:00 a.m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for the paving of Second Street between University and Addison Avenues, Berkeley.

Work involves:

(1) 300 cu. yds. grading;

(2) 10 cu. yds. grading below sub-grade;

(3) 800 lin. ft. curb and gutter;

(4) 12,800 sq. ft. 8-in. concrete base;

(5) 12,800 sq. ft. 2-in. asphalt surface;

(6) One catchbasin with 8-in. pipe connection;

(7) One catchbasin reconstructed.

Plans and specifications may be obtained from the above office. \* 29

**BIDS OPENED**

**INYO CO., Calif.**—Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at \$9,648, submitted low bid to the State Division of Highways, C.H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for applying penetration oil to 20.5 ml. existing roadbed between 1.1 ml. east of Saline Valley Road and Panamint Sink, Inyo County.

Work involves:

(1) 800 tons liquid asphalt, SC-2 penetration treatment.

Total bids follow:

(A) Paulsen & March, Inc., 8275 Compton Avenue, Los Angeles \$9,648.00

(B) Basch Bros., Torrance 10,256.00

(C) Oilfields Trucking Co., Bakersfield 11,128.00

(D) J. B. Breen, Sacramento 15,512.00

Unit prices follow:

(A)	\$12.00	(B)	12.82
(C)	13.91	(D)	19.39

**BIDS WANTED**

**SAN FRANCISCO**—Until Nov. 3, 2:30 p.m., bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, under Bid No. S-19,031, for the reconstruction of Section "C" of Ocean Avenue, between Pinehurst Way and Junipero Serra Blvd. Estimated cost, \$25,300.

Work involves:

(1) 162,000 sq. ft. remove existing asphalt concrete wearing surface and replace with a 2-inch asphalt concrete wearing surface;

(2) 50,000 sq. ft. remove existing concrete or asphalt concrete base and replace with a 6-inch 5-sock Class B concrete base;

(3) 650 tons asphalt concrete base and leveling course;

(4) 500 lf. curb reset;

(5) 150 lf. armored concrete curb;

(6) 2,500 sq. ft. 2-course concrete sidewalk;

(7) 40 tons asphalt concrete conform pavement;

(8) 100 new crosswalk markers furnished and installed;

(9) 2,000 sq. ft. 2-inch asphalt concrete wearing surface.

Plans and specifications may be obtained from the City Engineer,

John J. Casey, Room 351, City Hall, upon deposit of \$10.00. \* 29

**CONTRACT AWARDED**

SACRAMENTO CO., Calif.—A. Telchert & Son, Inc., P.O. Box 1113, Sacramento, at \$5,679, was awarded contract by the Sacramento County Bd. of Supervisors, T. F. Patterson, Co. Clerk, Court House, Sacramento, for repaving with armor top wearing surface the Florin East Road, Sacramento County.

**COMPLETE BIDS**

SAN DIEGO, Calif.—As previously reported, V. R. Dennis Construction Co., 3911 Fifth Avenue, San Diego, at \$13,246, submitted low bid to the State Highway Department, San Diego, for 0.7 ml. surfacing with plant-mixed surface (medium curing type), between Harasty Street and Barnett Street, San Diego City.

**Work involves:**

- (1) 12 tons emulsified asphalt (prime coat);
- (2) 2200 tons mineral aggregate;
- (3) 103 tons liquid asphalt, MC-5 or MC-extra heavy (plant-mixed surface);
- (4) 66 tons asphalt concrete (base and leveling course).

**Total bids follow:**

- (A) V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego—\$13,246.  
(B) R. E. Hazard & Sons, San Diego—\$13,939.98.  
(C) Daley Corp., San Diego—\$14,114.25.

**Unit prices follow:**

	(A)	(B)	(C)
(1).....	\$35.00	\$40.00	\$50.00
(2).....	4.90	5.23	5.10
(3).....	16.50	15.50	18.75
(4).....	5.25	5.40	5.50

Items 1, in unit prices previously reported incorrectly.

**BIDS OPENED**

SAN FRANCISCO, Calif.—The Fay Improvement Co., 760 Market Street, San Francisco, at \$19,337.29, submitted low bid to the Department of Public Works, Room 251, City Hall, for the improvement of 29th Avenue bet. Pacheco and Quintara Sts. Estimated cost, \$18,376.

**Work involves:**

- (1) 18,700 cu. grading, excav.;
- (2) 1,700 cu. grading, embankment;
- (3) 902 lf. 6-in. vit. clay pipe side sizers, in place;
- (4) 680 lf. 8-in. do;
- (5) 70 lf. 15-in. do;
- (6) 75 lf. 18-in. do;
- (7) 44 8x6-in. Y branches, in place;
- (8) 175 lf. 10-in. vit. clay pipe culverts, in place;
- (9) 6 brick manholes, complete;
- (10) 5 catchbasins, complete;
- (11) 33,860 sq. ft. asphalt-concrete pavement, consisting of a 6-in. concrete base and a 2-in. asphalt concrete wearing surface;
- (12) 1,390 lf. unarmored conc curb;
- (13) 1,355 sq. ft. 2-course concrete sidewalk;
- (14) Lump sum water main;
- (15) 44 water services;
- (16) 2,200 lf. 1½-in. black enameled conduit.

**Total bids follow:**

- (A) The Fay Improvement Co., 760 Market St., San Francisco, \$19,337.29.  
(B) Chas. L. Harney, San Francisco, \$20,437.92.  
(C) Eaton and Smith, San Francisco, \$21,217.37.

**Unit prices follow:**

	(A)	(B)	(C)
(1).....	.30	.26	.30
(2).....	.12	.01	.01
(3).....	1.14	1.20	1.00
(4).....	1.92	1.50	1.20
(5).....	1.8	2.75	3.00
(6).....	1.50	2.50	4.00
(7).....	1.50	1.00	1.00
(8).....	1.45	1.30	2.00

(9).....	95.00	100.00	100.00
(10).....	90.00	80.00	100.00
(11).....	.20	.25	.25
(12).....	.58	.67	.70
(13).....	144	116	116
(14).....	673.00	673.00	673.00
(15).....	10.73	10.73	10.73
(16).....	.45	.45	.50

**Contract Awarded**

NYE CO., Nevada.—Isbell Constr. Co., 1200 E. 4th St., Reno, Nevada, at \$48,861.11, was awarded contract by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for approximately 7.74 miles highway construction in Nye County, from a point approximately 5 miles north of the Junction of State Routes 4 and 8A to a point 12.8 miles north, Route 8, Sections A1 and 2.

**BIDS OPENED**

SAN FRANCISCO, Cal.—The Fay Improvement Co., 760 Market Street, San Francisco, at \$1,551.32, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19077, for the reconstruction of Clarence Place Northerly from Townsend Street, San Francisco. Estimated cost, \$1,600.

**Work involves:**

- (1) 3400 sq. ft. remove existing curb, sidewalk and pavement, as directed, and replace with asphalt-concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
- (2) 1 catchbasin reset or reconstructed;
- (3) 1 brick storm water inlet, complete;
- (4) 32 lf. armored concrete curb;
- (5) 40 lf. reset stone curb;
- (6) 5 tons asphaltic concrete form pavement;
- (7) 1 low-pressure hydrant moved;
- (8) 325 sq. ft. two-course concrete sidewalk;
- (9) Lump sum, lighting system, complete.

**Total bids follow:**

- (A) The Fay Improvement Co., 760 Market St., San Francisco, \$1,651.32.  
(B) Pacific Pavements Co., Ltd., \$1,816.10.  
(C) Eaton and Smith, \$1,832.  
(D) E. J. Treacy, \$1,837.50.  
(E) Chas. L. Harney, \$1,879.00.

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)
(1).....	.27	.30	.35	.35	.35
(2).....	78.00	60.00	50.00	70.00	40.00
(3).....	37.75	75.00	50.00	30.00	25.00
(4).....	825	80	1.00	90	1.00
(5).....	.45	1.50	1.50	1.00	1.00
(6).....	6.00	6.00	5.00	6.00	10.00
(7).....	67.20	100.00	100.00	50.00	50.00
(8).....	155	14.00	20	15	16
(9).....	425.60	400.00	300.00	350.00	400.00

**BIDS OPENED**

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$3,845.70, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for the resurfacing of Ninth Avenue, between Kirkham and Ortega Streets. Estimated cost, \$3,843.00.

**Work involves:**

- (1) 52,800 sq. ft. remove by heating existing asphalt wearing surfaces to a depth of one inch and replace with asphaltic concrete one inch in thickness;
- (2) 135 tons asphalt concrete binder, in place.

**Total bids follow:**

- (A) Eaton & Smith, 715 Ocean Ave., S. F., \$3,843.70.  
(B) Dept. of Pub. Wks., Bureau of Streets, \$4,197.90.  
(C) Chas. L. Harney, \$4,776.00.

**Unit prices follow:**

	(1)	(2)
(A).....	\$0.069	\$1.50

(B).....	.068	4.50
(C).....	.07	8.00

**CONTRACT AWARDED**

HAYWARD, Alameda Co., Calif.—Jones & King, Jackson St., Hayward, at \$10,512.70, was awarded contract by the Hayward City Council, City Clerk, City Hall, Hayward, for the improvement of Castro Street, from C Street to Jackson Street, Hayward.

**CONTRACT AWARDED**

CALAVERAS COUNTY, Cal.—J. P. Breen, P. O. Box 153, Sacramento, at \$4,609.90 was awarded contract by the State Division of Highways, Department of Public Works, R. E. Pierce, District Engineer, District X, 1200 N. Center St., Stockton, for applying road-mix surface treatment to 3.3 miles of existing roadbed between Stanislaus county line and Rocky Creek via Milton, Calaveras county.

**BIDS WANTED**

HICKAM FIELD, T. H.—Until Oct. 21 (postponed from Oct. 7) bids will be received by Constructing Quartermaster Division, Army Department, Hickam Field, for the construction of a paved connecting road to Fort Kamehameha, T. H. Estimated cost, \$40,000. \*

**BID DISQUALIFIED**

SAN LUIS OBISPO, Cal.—The low bid of the M. J. Cons. Co., L. A., at \$114,719.30, submitted to the State Division of Highways, Sacramento, for grading and applying road-mix surface treatment to about 2.8 ml. between Atascadero Summit and San Gabriel, has been disqualified due to the fact that the bidder did not renew their State license, which made Geo. K. Thompson & Co., 2404 W. 7th St., Los Angeles, the low bidder, at \$121,413.45.

**BIDS WANTED**

LOS ANGELES.—Until Oct. 21, 2 p.m., bids will be received by the Los Angeles Board of Education for ground improvements at the Western District High School, 3637 Farnside Ave.

**BIDS WANTED**

STATE OF WYOMING.—Until October 19, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, J. A. Elliott, District Engineer, 254 Custom House, Denver, Colorado, for constructing 1.676 miles, Project 2-A1 Mammoth Hot Springs Development Area of the North Entrance Highway, located within the Yellowstone National Park, State of Wyoming.

**Work involves:**

- (1) 4 acres clearing;
- (2) 2 acres grubbing;
- (3) 24,000 cu. y. unclass. excav.;
- (4) 2,400 cu. y. unclass. excav.;
- (5) 21,000 cu. y. unclass. excav.;
- (6) 172,000 sta. yds. special overhaul;
- (7) 18,000 cu. y. ml. special overhaul;
- (8) 225 units obliteration of old roads;
- (9) 9,800 tons 1½-in. heavy base course;
- (10) 300 M. gal. watering;
- (11) 170 hours roller operation;
- (12) 1 each, furnishing roller;
- (13) Lump sum, furnishing water plant or plants;
- (14) 12,000 gal. MC-1 cutback asphalt, prime coat;
- (15) 1,676 ml. C-1 road-mix surface, laid;
- (16) 3,300 tons Class C new aggregate grading "A";
- (17) 280 tons Class C cover aggregate;
- (18) 300 tons Class C cutback asphalt for Class C-1 road mix;
- (19) 9,000 gals. RC-2 cutback asphalt for Class C seal;
- (20) 72 cu. y. Class A concrete;

- (21) 8 MFEM treated timber, creosote preservative;
- (22) 64 cu. y. Class A cement stone masonry;
- (23) 32 lf. 8-in. CGSM pipe;
- (24) 463 lf. 12-in. vit. clay pipe;
- (25) 1,355 lf. 24-in. vit. clay pipe;
- (26) 1,000 lf. 30-in. do.;
- (27) 11,700 lbs. cast iron frames and gratings;
- (28) 50 sq. yds. grouted rubble gutter;
- (29) 3,400 lf. concrete curb of 14-in. depth;
- (30) 8,100 lf. concrete curb of 18-in. depth;
- (31) 2,300 cu. y. furnishing and placing loamy top soil;
- (32) 22,700 sq. ft. cutting, lifting and placing 3-ft. sod;
- (33) 29,100 sq. ft. do.;
- (34) 100 units, seed and seeding;
- (35) 450 lf. 4-duct vit. clay conduit;
- (36) 3,000 sq. yds. sidewalk, bitum.;
- (37) 260 lf. native baffle log;
- (38) Lump sum, furnish and install sprinkling system;
- (39) Lump sum, furnish and install sprinkling system;
- (40) Lump sum, misc. force account items;
- (41) 2 each, embankment protectors.
- Plans and specifications may be obtained from the above office upon deposit of \$10.

**Contract Awarded**

**CONTRA COSTA CO., Calif.**—Empire Construction Co., Ltd., Russ Bldg., San Francisco, at \$7,945, was awarded contract by the State Division of Highways, Jno. H. Skeggs, District Engineer, Dept. of Public Works, San Francisco, for the construction of maintenance station buildings and appurtenances at the Walnut Creek Maintenance Site, located approximately one-half mile north of Walnut Creek, Contra Costa County.

**BIDS OPENED**

**NYE CO., Nevada.**—Isbell Constr. Co., 1300 E. 4th St., Reno, Nevada, at \$48,861.11, submitted low bid to the Directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nevada, for approximately 7.74 miles highway construction in Nye County, from a point approximately 5 miles north of the Junction of State Routes 4 and 8A to a point 12.8 miles north, Route 8, Sections A1 and 2.

**Work involves:**

- (1) 58,362 cu. roadway excav.;
  - (2) 5,775 cu. drainage excav.;
  - (3) 35 sta. V type ditches;
  - (4) 2,798 cu. borrow;
  - (5) 67,396 yd. sta. overhaul (yd. sta.);
  - (6) 336 yd. mile overhaul (yd. ml.);
  - (7) 145 cu. struc. excav.;
  - (8) Lump sum, move corral and buildings;
  - (9) 7.74 miles subgrade, Type C;
  - (10) 19,876 tons, Type 1, gravel base;
  - (11) 31,593 tons, gravel surface;
  - (12) 54 cu. Class A concrete;
  - (13) 5,290 lbs. rein. steel;
  - (14) 68 cu. dry rubble masonry;
  - (15) 31 each, monuments.
- Total bids follow:
- (A) Isbell Constr. Co., 1300 E. 4th St., Reno, Nevada—\$48,861.11.
- (B) Silver State Constr. Co., Inc., Fallon—\$50,312.63.
- (C) Nevada Rock & Sand Co., Inc., Reno—\$56,025.22.
- Complete bids will be published shortly.

**BIDS WANTED**

**SAN FRANCISCO.**—Until Oct. 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on 42nd Ave. and other locations. Est. cost, \$2590.

Work involves:

- (1) 10,000 sq. ft. 2-course concrete sidewalk.
- Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**BIDS OPENED**

**HOOD RIVER, Oregon.**—Kern and Kibbe, 42 S. E. Salmon Street, Portland, at \$32,365, submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 694-38-121, for constructing levee protection and relocating a portion of the Hood River-White Salmon Highway, east of Hood River, Oregon. Estimated cost, \$45,285.

**Total bids follow:**

- Kern & Kibbe, 42 S. E. Salmon St., Portland \$32,365;
- Leonard & Slate, Multnomah, \$33,295;
- Joplin and Eldon, Portland, \$33,875;
- Elliot & Co., Inc., Seattle, \$34,270;
- Colonial Construction Co., Spokane; \$34,735;
- Parker-Schram Co., Portland, \$35,975;
- Robert J. O'Neil, Eugene, \$37,017;
- E. J. Gates, Portland, \$37,605;
- Andersen Construction Co., Portland, \$39,697;
- L. Coluccio, Seattle, \$42,445;
- Max J. Kunej Co., Spokane, \$44,665;
- Sam Orino, Bonneville, \$46,240;
- Harold Blake, Portland, \$49,082.50.

**BIDS WANTED**

**HUMBOLDT CO., Calif.**—Until November 2, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Building, Sacramento, for 2.9 miles to be graded and surfaced with plant-mixed surfacing, medium curing type and applying Class B seal coat to the full width of the roadbed, between Stegemeyer Bluff and Myers, Humboldt County.

**Work involves:**

- (1) 34.5 acres clearing and grubbing;
- (2) 73 each, remove and grub Redwood trees, size 1;
- (3) 11 each, remove and grub Redwood trees, size 2;
- (4) 1 each, remove and grub Redwood trees, size 3;
- (5) 44 each, remove Redwood trees, size 1;
- (6) 18 each, remove Redwood trees, size 2;
- (7) 4 each, remove Redwood trees, size 3;
- (8) 52 each, remove and grub misc. trees, size 1;
- (9) 19 each, remove misc. trees, size 1;
- (10) 1 each, remove miscellaneous trees, size 2;
- (11) 2,850 M. gals. water;
- (12) 218,100 cu. y. roadway excavation, without classification;
- (13) 8,600 cu. y. struc. excav.;
- (14) 950 cu. y. ditch and channel excavation;
- (15) 1,021,000 sta. yds. overhaul;
- (16) 54,000 tons imported borrow;
- (17) 155 sta. finishing roadway;
- (18) 9,400 tons min. aggregate, plant-mix surf.;
- (19) 470 tons liq. asph., ROMC-3, ROMC-4, or ROMC-5, plant-mix surf.;
- (20) 80 tons liq. asph., SC-2, prime coat;
- (21) 50 tons liq. asph. 90-95, seal coat;
- (22) 760 tons screenings, seal coat;
- (23) 120 cu. y. class A portland cement concrete strucs.;
- (24) 9,000 lbs. bar reinf. steel;
- (25) 5,000 lf. Redwood timber cribbing;
- (26) 45 cu. y. rubble masonry;
- (27) 740 lf. 8-in. CMP;
- (28) 270 lf. 12-in. CMP;
- (29) 3,300 lf. 18-in. CMP;

- (30) 480 lf. 24-in. CMP;
- (31) 100 lf. 30-in. CMP;
- (32) 58 lf. 72-in. CMP; 10-gauge;
- (33) 86 lf. 72-in. CMP; 8-gauge;
- (34) 3,730 lf. 8-in. perf. metal pipe underdrains;
- (35) 460 lf. 12-in. perf. metal pipe underdrains;
- (36) 150 lf. 18-in. perf. metal pipe underdrains;
- (37) 2,900 tons rock filling matl.;
- (38) 9,800 tons river run gravel;
- (39) 300 lf. existing pipe culverts removed, cleaned and salvaged;
- (40) 19 each, frames and gratings for drop inlets;
- (41) 12 each, spillway assemblies;
- (42) 2 each, 24-in. perf. metal junction pipes;
- (43) 2 each, 36-in. perf. metal junction pipes;
- (44) 6 each, taper inlets and elbows;
- (45) 14 each, headwalls removed and disposed of;
- (46) 79 each, culvert markers;
- (47) 160 each, guide posts;
- (48) 143 mi. new property fence;
- (49) 5 each, drive gates;
- (50) 100 each, monuments, complete, in place.

Plans and specifications may be obtained from the above office. \* 29

**BIDS WANTED**

**SAN JOAQUIN & SACRAMENTO Cos., Calif.**—Until Nov. 3, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Building, Public Works Bldg., Sacramento, for about 5 miles grading and paving with Portland cement concrete between Jahant Corner and one mile north of Galt, San Joaquin and Sacramento Counties, Calif.

**Work involves:**

- (1) 263 sta. clear and grub right of way;
- (2) 3,300 M. gals. water;
- (3) 73,500 cu. y. roadway excavation, without class.;
- (4) 100 cu. y. ditch and channel excav.;
- (5) 2,900 cu. y. struc. excav.;
- (6) 385,000 sta. yds. overhaul;
- (7) 70,000 cu. y. imported borrow;
- (8) 415 tons asph. cement, Grade E, membrane seal.;
- (9) 590 cu. y. salvaged surf.;
- (10) 430 cu. y. remove conc.;
- (11) 60,900 sq. yds. prepar. sub-grade;
- (12) 263 sta. finishing roadway;
- (13) 5,000 tons untreated crushed gravel or stone;
- (14) 40 tons liq. asph., MC-5 or MC-extra heavy, plant-mix surf.;
- (15) 700 tons mineral aggregate, plant-mix surf.;
- (16) 5 tons liq. asph., SC-2, prime coat;
- (17) 3 tons asphaltic emulsion, seal coat;
- (18) 40 tons screenings, seal coat;
- (19) 195 tons liq. asph., SC-1A or SC-2, penetration oil treatment;
- (20) 11,500 cu. y. class B portland cement conc. pavement;
- (21) 22,460 each, pave doweis;
- (22) 6,230 each, tie bolt assemblies;
- (23) 105,900 lbs. bar reinf. steel pave. and strucs.;
- (24) 385 cu. y. class A portland cement conc. strucs.;
- (25) 290 cu. y. class A portland cement conc. slope paving;
- (26) 168 lf. 8-in. CMP;
- (27) 1,756 lf. 18-in. CMP;
- (28) 451 lf. 24-in. CMP;
- (29) 142 lf. 36-in. CMP;
- (30) 88 lf. 60-in. CMP;
- (31) 458 lf. 18-in. CMP siphons;
- (32) 16 each, concrete joints pipe siphons;
- (33) 126 lf. exist. CMP remove, clean and relay;
- (34) 48 each, cut and set markers;
- (35) 490 mi. new property fence;
- (36) 45 each, drive gates;
- (37) 12 sections pave crossing devices, type A-11, single lane;

- (38) 2 sections pavement crossing devices, Type B-11, single lane;  
(39) 73 each, minimums.

Plans and specifications may be obtained from the above office. \* 29

#### Contract Awarded

VENTURA CO., Calif. — Griffith Co., 502 L. A. Rwy. Bldg., Los Angeles, at \$37,633, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving hospital grounds at the Camarillo State Hospital, Ventura County.

October 12, 1937.

#### LOW BIDDER

SAN DIEGO, Calif.—V. R. Dennis Construction Co., 3911 5th Avenue, San Diego, at \$13,246, submitted low bid to the State Highway Department, San Diego, for 0.7 mi. surfacing with plant-mixed surface (medium curing type), between High Street and Barnett Street, San Diego City.

#### Work Involves:

- (1) 12 tons emulsified asphalt (prime coat);
- (2) 200 tons mineral aggregate;
- (3) 23 tons liquid asphalt, MC-5 or MC-extra heavy (plant-mixed surface);
- (4) 66 tons asphalt concrete (base and leveling course). \* 29

#### BIDS OPENED

TEHAMA CO., Cal.—As previously reported, Linton Ehorn, 926 Jackson Street, Red Bluff, at \$6,500, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for the construction at Los Creek, Tehama Co., Calif.

#### Work Involves:

- (1) Lump sum Maintenance foreman's cottage;
- (2) Excavation, per cu yd., add or deduct;
- (3) Portland cement concrete per cu. yd., add or deduct.

#### Total bids follow:

- (A) Linton Ehorn, 926 Jackson St., Red Bluff, \$6,500.00,  
(B) Robt. McCarthy, San Francisco, \$7,488.00.

#### Unit prices follow:

	(A)	(B)
(1)	\$6,500.00	\$7,488.00
(2)	10.00	3.00
(3)	25.00	25.00

#### BIDS WANTED

WHITE PINE COUNTY, Nevada: Until October 27th, 2:30 p.m., bids will be received by the Directors of the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, Nevada, for 29,318 miles highway construction from the Lincoln-White Pine County Line to a point approximately 2.34 miles northwest of the East Foot of Connor's Pass, Route 7, Sections A1, 2, 3, B1 and 2.

#### Work Involves:

- (1) 4,968 lin. ft. remove fence;
- (2) 1,428 lin. ft. remove culvert pipe;
- (3) 80 each remove pipe culvert headwalls;
- (4) 113,416 cu yd roadway excavation;
- (5) 48,840 cu yd drainage excavation;
- (6) 10,290 cu yd borrow;
- (7) 72 sta "V" type ditches;
- (8) 294 sta slope rounding;
- (9) 144,426 yd sta overhaul (yd sta.);
- (10) 6,732 yd mile overhaul (yd mile);
- (11) 4,875 cu yd structure excavation;
- (12) 3,646 cu yd backfill;
- (13) 26,96 mile subgrade, type "C";
- (14) 300 cu. yd. rock cleanup;
- (15) Force acct. roadside cleanup;
- (16) 55 M gal water;

- (17) 124,524 ton type 1 gravel base;
- (18) 103,654 ton gravel surface;
- (19) 189 cu. yd. class "A" concrete;
- (20) 100 cu. yd. class "B" concrete;
- (21) 132 lin. ft. 15-in. corr. metal pipe (dipped);
- (22) 992 lin. ft. 18-in. corr. metal pipe (dipped);
- (23) 1,108 lin. ft. 24-in. corr. metal pipe (dipped);
- (24) 794 lin. ft. 30-in. corr. metal pipe (dipped);
- (25) 324 lin. ft. 36-in. corr. metal pipe (dipped);
- (26) 1,132 lin. ft. relay culvert pipe;
- (27) 21,290 lb. reinforcing steel;
- (28) 3,180 cu. yd. hand laid riprap;
- (29) 152 each move pipe culvert headwalls;
- (30) 28 each monuments;
- (31) 122 each move monuments;
- (32) 4,925 lin. ft. reconstruct fence.

Plans and specifications may be obtained at the above office or at the District Office of the Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, upon the deposit of \$10.00. \* 29

#### Contract Awarded

MADERA CO., Calif.—R. Hodgson & Son, 510 Second St., Porterville, at \$7,550, was awarded contract by the State Division of Highways, Department of Public Works, R. M. Gilla, District Engineer, corner of Carruth and Olive Streets, Fresno, for the construction of maintenance station buildings and appurtenances at the Coarsegold Maintenance Site, about 6 mile east of Coarsegold, Madera County.

#### BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on October 27, and in Los Angeles on October 28, 1937.

#### Following is a list of blue prints and prices:

- III-Sut-15-A—Bridge across Sutter Bv-Pass, 12 mi. W of Yuba City. Bids to be opened in Sacramento: PLANS (No. of Sheets), 11; cost, \$1.70; CROSS-SECTIONS (No. of Sheets, none; cost, none; total, \$1.70.
- VII-Or-43-A—Tustin Avenue at 17th St. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 8; cost, \$0.80; CROSS-SECTIONS (No. of Sheets), 9; cost, \$0.90; total, \$1.70.
- VII-L-A-60-A—Bridges across Zuma Creek and Trancas Creek. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 11; cost, \$1.70; CROSS-SECTIONS (No. of Sheets), none; cost, none; total, \$1.70.
- VIII-Riv-26-A—Bet 2 mi. south of San Bernardino County Line and Beaumont. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 11; cost, \$1.10; CROSS-SECTIONS (No. of Sheets), 62; cost, \$6.20; total, \$7.30.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office. 29

#### BID CALL CANCELLED

STATE OF OREGON.—The Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Public Service Bldg., Portland, has cancelled the bid call for 96 mi. grading and roadbed topping and bridge construction, Curry County, Edison Creek-Squaw Creek Section of Squaw Creek County Road.

Bids were called for October 22.

#### BIDS WANTED

SANTA PAULA, Ventura County, Calif.—Until October 25, 7:30 P. M., bids will be received by M. G. Demarest, city clerk, Santa Paula, for street improvement work as follows: (1) The improvement of Harvard St. from Mill St. to Steckel Dr. The portion from Mill St. to 500 ft. west of Park St. to be in the same as above preparation, placing of asphaltic paint binder, and placing plant-mix paving (medium curing type) 10 ft. on each side of present pavement, except a portion on south side from station 0 plus 90 at Mill St. to station 7 plus 70 to be the same as above but 6 ft. in width. The portion from Steckel Dr. to 500 ft. west of Barkia St. includes shoulder grading only on each side of the present pavement for a width of 10 ft.

(2) The improvement of Steckel Dr. from Mill St. to Main St. subgrade to be prepared, 1-in. plant mix (medium curing type) shoulders to be placed 5 ft. in width on each side of present pavement except on the westerly side from station 0 plus 00 to station 7 plus 40 where the shoulder is paved in concrete. Main St. from Mill St. to end of bridge culvert at Steckel Dr. to 150 ft. west of Park St., subgrade to be prepared, 5 in. plant-mix (medium curing type) shoulders to be placed 5 ft. in width on each side of present pavement. The present bridge culvert at Steckel Dr. to be extended 10 ft. northward with Class "A" portland cement reinforced concrete and all other items and facilities necessary or incidental to a complete and workmanlike improvement as contemplated by the plans and specifications.

(3) The improvement of Ojai Road from Park St. to Woodland Dr. and includes excavating ditches and gutters to line and grade. Grading and constructing 4 in. plant-mix paving (MC-4) shoulders on each side of present pavement as shown on the plans.

All work to be done in accordance with plans and specifications on file in the office of the city clerk.

A certified check, or bidders bond payable to the city of Santa Paula equal to 10% of the amount, must accompany each bid.

#### BIDS WANTED

CLARK COUNTY, Nevada.—Until October 27, 2:00 P. M., bids will be received by the directors of the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, Nevada, for 17 miles highway construction from a point on State Route 6, approximately 4½ mile south west of Glendale to a point 1.7 miles northwest Route 7, Sec. A, Clark County, Nevada.

#### Work Involves:

- (1) 13,433 cu yd. clearing;
- (2) 757 lin. ft. remove fence;
- (3) 53,076 c. v. roadway excavation;
- (4) 825 c.y. drainage excavation;
- (5) 779 c.y. backfill;
- (6) 157,492 yd. sta. overhaul (yd. sta.);
- (7) 10,211 yd. mile overhaul (yd. mile);
- (8) 406 c.y. structure excavation;
- (9) 168 mile subgrade, type "E";
- (10) 1,114 c.y. type 2 gravel base (1-in. size);
- (11) 1,116 c.y. salvaged aggregate;
- (12) 20,142 sq. yd. remove and salvage (1-in.) admix surface;
- (13) 605 in. gal. water;
- (14) 80 ton liquid asphalt, type SC2;
- (15) 168 mile roadmix;
- (16) 253 c.y. class "A" concrete;
- (17) 7 c.y. class "E" concrete;
- (18) 120 c.y. class "D" concrete;
- (19) 52,100 lb. reinforcing steel;
- (20) 279 lin. ft. structural steel railing;



- (21) 480 lin. ft. steel bearing piles 10-in. at 42 lbs.;  
 (22) 1,200 lin. ft. steel bearing piles (12-in. at 53 lbs.);  
 (23) 24 each drive steel bearing piles;  
 (24) Force acct. pile loading tests;  
 (25) 402 lin. ft. timber crib;  
 (26) 52 lin. ft. 18-in. corr. metal pipe (dipped);  
 (27) 142 lin. ft. 24-in. corr. metal pipe (dipped);  
 (28) 186 lin. ft. 24-in. vitrified pipe;  
 (29) 16 each move monuments;  
 (30) 6,208 lin. ft. reconstruct fence;  
 (31) 473 lin. ft. reconstruct fence;  
 (32) 16 each culvert markers;  
 (33) 14 each guide posts;  
 (34) force acct. roadside cleanup.

Plans and specifications may be obtained at the office and at the office of the District Office of the Bureau of Public Roads, Federal Office Building, San Francisco, San Francisco, upon the deposit of \$10.00.

#### Contract Awarded

**MODOC COUNTY, Calif.**—Poulos & McEwen, 2522 17th St., Sacramento, at \$3600, was awarded contract by the State Division of Highways, F. W. Haselwood, District Engineer, District Engineer, District 11, Redding, for widening 1.4 miles of roadbed between Cedarville and the State line, across Middle Lake.

#### BIDS WANTED

**MENDOCINO CO., Calif.**—Until November 3, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 1.6 miles grading between Albion and Newport, Mendocino Co., Calif.

- Work involves:  
 (1) clear and grub right of way;  
 (2) 385 m. gals. water;  
 (3) 46,050 c.y. roadway excav. without class;  
 (4) 195 c.y. ditch and channel excavation;  
 (5) 132,200 sta. yds. overhaul;  
 (6) 1,765 cu. struc. concrete;  
 (7) 87 sta. finishing roadway;  
 (8) 350 lbs. bar reinf. steel;  
 (9) 22 c.y. class A portland cement concrete strucs.;  
 (10) 26 MFEM Redwood timber, dense, select, all-heart struc. grade.

- (11) 26 MFEM Redwood timber, select, all-heart struc. grade;  
 (12) 38 lf. 18-in. stand. reinf. conc. pipe;  
 (13) 40 lf. 8-in. CMP;  
 (14) 70 lf. 12-in. CMP;  
 (15) 354 lf. 18-in. CMP;  
 (16) 116 lf. 24-in. CMP;  
 (17) 444 lf. 30-in. CMP;  
 (18) 84 lf. 36-in. CMP;  
 (19) 106 lf. 48-in. CMP;  
 (20) 1 each, taper inlet;  
 (21) 2 each, spillway assemblies;  
 (22) 32 each, culvert markers;  
 (23) 6 each, frames and gratings for drop inlets;  
 (24) 1 lot, remove bridges.

The State will furnish CMP, embankment protectors and taper inlet.

Plans and specifications may be obtained at the above office. \* 29

#### Contract Awarded

**SANTA BARBARA COUNTY, Cal.**—C. O. Sparks and Mundo Engr. Co., 2309 East Olympic Boulevard, Los Angeles, at \$38,457.50 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for widening one mile of existing roadbed and paving with Portland cement concrete between the easterly boundary and one mile north of Rincon Creek, Santa Barbara County.

#### BIDS WANTED

**HUMBOLDT CO., Nevada**—Until

Oct. 27, 3 p.m., bids will be received by the Directors of the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for 10,035 miles highway construction from the Junction of State Routes Nos. 6 and 8B (Paradise Hill) to a point 10 mi. northeast, Route 8B, Section A, Humboldt County, Nevada.

- Work involves:  
 (1) 2 each, remove timber bridges;  
 (2) 350 lf. remove culvert pipe;  
 (3) 12 each, remove pipe culvert headwalls;  
 (4) 12,165 c.y. roadway excav.;  
 (5) 1,200 c.y. drainage excav.;  
 (6) 305 sta. V type ditches;  
 (7) 34,612 c.y. borrow;  
 (8) 179,104 yd. sta. overhaul (yd. sta.);  
 (9) 18,570 yd. mi. overhaul (yd. mi.);  
 (10) 760 c.y. struc. excav.;  
 (11) 270 c.y. backfill;  
 (12) 10,035 mi. subgrade, Type C;  
 (13) 33,640 tons type 1 gravel base;  
 (14) 20,240 tons gravel surface;  
 (15) 120 c.y. class A concrete;  
 (16) 25 c.y. class B concrete;  
 (17) 1,102 lf. 18-in. CMP (dipped);  
 (18) 658 lf. 24-in. CMP (dipped);  
 (19) 22 lf. 30-in. CMP (dipped);  
 (20) 40 lf. 36-in. CMP (dipped);  
 (21) 238 lf. relay culvert pipe;  
 (22) 13,330 lbs. reinforcing steel;  
 (23) 46 each, monuments.

Plans and specifications may be obtained at the above office and at the office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10 \* 29

#### Contract Awarded

**VALLEJO, Solano Co., Calif.**—A. G. Rasch, 1 de Haro St., San Francisco, at \$14,430.81, was awarded contract by the Vallejo City Council, Harry W. Mitchell, City Clerk, City Hall, Vallejo, for the improvement of Monterey Street to and including the crossing of Main St., Amador St., Eighth St., Solano Ave., and the crossing of Maine and Colusa Sts., and the S. P. Co. track crossing reconstruction, Vallejo.

#### Contract Awarded

**MARIN CO., Calif.**—E. A. Forde, 441 San Francisco, Drake Blvd., San Anselmo, at \$3,252.50, was awarded contract by low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying seal coat to 3.4 miles of existing pavement between Waldo and Golden Gate Bridge, Marin County.

#### Additional Sub-Contracts Awarded

**TERMINAL** Cont. Pr. and \$168,510  
**SAN FRANCISCO FIRE** and \$1,658,000  
 Streets  
 San Francisco—Oakland Bay Bridge  
 Railway Terminal (3-story reinforced concrete building; granite facing on head house; steel roof framing over track level on top floors, composition roofing over concrete, 165-ft. wide by 799-ft. long.)

Contractors—MacDonald & Kahn Co., 200 Financial Center Building.  
 Concrete—Golden Gate Atlas Materials Co., 44th & Harrison Sts.  
 Masonry—White & Olson, 418 Monadnock Bldg.  
 Sheet Metal—Fire Protection Products Co., 190 26th St.  
 Steel Flooring and Skylights—H. H. Robertson Co., 50 Hawthorne St.  
 Aluminum—Kawneer & Mitig. Co., 8th and Dwight Ways, Berkeley.  
 Steel Windows—Concrete Engineering Co., 1250 Indiana St.  
 Lathing and Plastering—Leonard Bush, 167 Fifth Avenue.  
 Terra Cotta Unit Tile—N. Clark & Sons, 116 Natoma St.  
 Wrecking—Cleveland Wrecking Co.,

260 Spear St.  
 Hardware—Marshall-Wellwell Supply Co., Spear & Mission Sts.  
 Elevators—Atlas Elevator Co., 34 Harriet St.

**Metal Fence—Anchor Post Fence Co.,**

460 Fifth St.  
 Sub-contracts previously reported: Pile driving to Raymond Conc. Pile Co., 333 Montgomery St.; excavations to Plombo Bros. & Co., 1571 Turk St.; reinforcing steel to Trucon Steel Co., 504 Mission St.; granite to Texas Quarries, Inc., Victorville, Calif.  
 Placement of Reinforcing Steel—J. P. Murphy, 3901 Mission St.  
 Painting—D. Zelinsky & Sons, 165 Grove St.

**Terrazzo—American Terrazzo Co.,**

56 Wood St.  
 Tile Work—American Art Tile Co., 231 Franklin St.  
 Marble—American Marble Co., P. O. Box 578, South San Francisco.

**Miscellaneous and Ornamental Iron**

—Fair Mfg. Co., 617 Bryant St.  
 Glass—W. P. Fuller & Co., 301 Mission St.

Roofing and waterproofing sub-contracts not yet awarded.

As previously reported, following awarded under separate contract: Columbia Steel Co., 235 Montgomery St., at \$42,350, awarded contract for structural steel; Scott Co., Inc., 243 Minna St., at \$109,257, mechanical work, and Radelinger Brothers, 544 Natoma St., at \$73,250, electric work.

#### BIDS OPENED

**LINCOLN CO., Nevada**—Nevada Rock & Sand Co., Inc., Reno, Nevada, at \$50,900.27, submitted low bid to the State of Nevada Dept. of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 14.96 miles of the State highway from Pony Springs to a point approximately 5.4 miles north of Dutch John's, Route 7, Sections D2 and E, Lincoln County.

- Work involves:  
 (1) 33 acres clearing;  
 (2) 276 lf. remove culvert pipe;  
 (3) 22 each, remove pipe culvert headwalls;  
 (4) 56,493 c.y. roadway excav.;  
 (5) 3,264 c.y. borrow;  
 (6) 976 cu. drainage excav.;  
 (7) 19 m. subgrade (type C);  
 (8) 76,671 yd. sta. overhaul (yd. sta.);  
 (9) 1,866 yd. mile, overhaul (yard mile);  
 (10) 1,096 c.y. structure excav.;  
 (11) 1,577 c.y. backfill;  
 (12) 11,966 mi. subgrade (type C);  
 (13) 55,855 tons gravel surface;  
 (14) 70,222 tons type 1 gravel base;  
 (15) 17 m. gals. water;  
 (16) 59 c.y. class A concrete;  
 (17) 21 c.y. class B concrete;  
 (18) 8,560 lbs. reinf. steel;  
 (19) 232 lf. 18-in. CMP (dipped);  
 (20) 665 lf. 15-in. CMP (dipped);  
 (21) 290 lf. 24-in. CMP (dipped);  
 (22) 176 lf. 30-in. CMP (dipped);  
 (23) 128 lf. 36-in. CMP (dipped);  
 (24) 179 lf. relay culvert pipe;  
 (25) 112 each, move pipe culvert headwalls;  
 (26) 14 each, monuments;  
 (27) 26 each, move monuments;  
 (28) 200 cu. rock cleanup;  
 (29) Force account, roadside cleanup.  
 Total bids follow:  
 (A) Nevada Rock & Sand Co., Inc., Reno, Nevada—\$80,900.27.  
 (B) George French, Jr., Stockton—\$83,286.48.  
 (C) Dalger Constr. Inc., Fallon, Nev.—\$88,012.28.

Unit prices will be published shortly.

#### CONTRACT AWARDED

**SACRAMENTO, Cal.**—McGillivray Construction Co., P. O. Box 873, Sacramento, at \$17,922.28 submitted low bid and was awarded contract

by Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for widening of Fifth Ave. from Santa Cruz Way to 44th St., Sacramento.

Work involves:

- (1) 1463 lf. curb and gutter to be removed, Type No 5;
- (2) 1351 lf. do, Type No 6;
- (3) 19 lf. curb alone to be removed
- (4) 283 lf. curb wall to be removed;
- (5) 27 lf. cobble wall to be removed;
- (6) 12,062 sq. ft. 3 1/2-in. conc. sidewalk to be removed;
- (7) 15 gutter drains to be removed and delivered to Corp. Yard;
- (8) 16 trees, 4- to 30-in. dia. to be removed;
- (9) 17 gutter drains to place, Type No. 11;
- (10) 1 manhole complete to be constructed;
- (11) 8 manholes to be reconstructed;
- (12) 10 street monuments to place;
- (13) 509 lf. 6-in. vitrified iron pipe
- (14) 710 sq. ft. pavement, removed and replaced;
- (15) 2446 lf. curb and gutter to be constructed, Type No. 6;
- (16) 33 lf. curb alone to be constructed;
- (17) 12,506 sq. ft. 3 1/2-inch concrete sidewalk to be constructed;
- (18) 1987 cu. y. excavation grading;
- (19) 549 tons 5-in. crusher run base;
- (20) 1320 tons asphalt concrete;
- (21) 2650 gals. 90-95 liquid asphalt;
- (22) 74 tons screenings.

Total bids follow:

- (A) McGillivray Const. Co., P. O. Box 873, Sacramento, \$17,922.28.  
 (B) A. Teichert & Son, Inc., Sacramento, \$18,414.38.  
 (C) J. T. Reeves, Sacramento, \$19,117.69.

Unit prices follow:

	(A)	(B)	(C)
(1).....	\$ 20	\$ 25	\$ 15
(2).....	.37	.33	.25
(3).....	.20	.10	.15
(4).....	.30	.25	.30
(5).....	.25	.50	.30
(6).....	.05	.06	.04
(7).....	1.00	.50	.75
(8).....	8.00	12.00	10.00
(9).....	12.00	13.00	12.50
(10).....	55.00	50.00	60.00
(11).....	7.50	6.00	5.00
(12).....	1.50	10.00	2.00
(13).....	.90	.85	1.00
(14).....	.60	.50	.55
(15).....	1.35	1.45	1.42
(16).....	.40	.50	.50
(17).....	.18	.195	.185
(18).....	.85	1.05	.90
(19).....	2.50	4.00	2.60
(20).....	4.70	4.60	25.25
(21).....	.11	.08	.10
(22).....	.360	3.30	3.50

#### CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 430 Call Building, San Francisco, at \$1,106.50 was awarded contract by the Department of Public Works, Room 251, City Hall, for grading and paving the intersection of Barneveld Avenue and Rickard Street.

#### BIDS OPENED

LINCOLN CO., Nevada.—Nevada Rock & Sand Co., Inc., Reno, Nev., at \$57,692.80, submitted low bid to the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, for approximately 10.1 miles of highway construction from a point 5.4 miles north of Dutch John's to the Lincoln-White Pine County Line, Rte. 7, Sec. E, Lincoln County.

Work involves:

- (1) 6,549 lf. remove fence;
- (2) 180 lf. remove culvert pipe;
- (3) 12 each remove pipe culv. head-walls;
- (4) 39,290 c.v. rdwy. excav.;
- (5) 2,280 cu. y. drainage excav.;
- (6) 34,994 yd. sta. overhaul (yd. sta.)

- (7) 167 yd. mi. overhaul (yd. mi.);
  - (8) 560 c.y. struc. excav.;
  - (9) 860 c.y. backfill;
  - (10) 10.10 miles subgrade, type C;
  - (11) force account, roadside cleanup;
  - (12) 12 M gals. water;
  - (13) 44,900 tons type I, gravel base;
  - (14) 38,290 tons gravel surface;
  - (15) 15 c.y. Class B concrete;
  - (16) 528 lf. 15-in. corr. metal pipe (dipped);
  - (17) 30 lf. 18-in. do;
  - (18) 100 lf. 24-in. do;
  - (19) 108 lf. 30-in. do;
  - (20) 42 lf. 36-in. do;
  - (21) 176 lf. relay culvert pipe;
  - (22) 300 lbs. reinf. steel;
  - (23) 95 each move pipe culvert head-walls;
  - (24) each monuments;
  - (25) 26 each move monuments;
  - (26) 6,497 lf. reconstruct fence.
- Total bids follow:  
 (A) Nevada Rock & Sand Co., Inc., Reno, Nevada—\$57,692.80.  
 (B) George Pollock Co., Sacramento \$58,217.39.  
 (C) Union Paving Co., San Francisco—\$66,970.67.
- Complete bids will be published shortly.

#### BIDS OPENED

MODOC COUNTY, Calif.—As previously reported, Poulos & McEwen, 2522 17th St., Sacramento, at \$3600, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, for widening 1.4 miles of roadbed between Cedarville and the State line, across Middle Lake.

Work involves:

- (1) 36,000 cu. y. roadway excavation, unclassified.
- Total bids follow:  
 Poulos & McEwen, 2522 17th Street, Sacramento: (1) \$10 (total) \$3600.  
 Garcia Const. Co., Irvington: (1) \$12 (total) \$4,320.00.  
 Harms Bros., Litchfield: (1) \$1385; (total) \$4,986.00.  
 Tieslan Bros., Berkeley: (1) \$167; (total) \$6,012.00.  
 Parish Bros., Los Angeles: (1) \$18; (total) \$6,490.00.  
 Hanrahan Co., San Francisco: (1) \$346; (total) \$12,456.00.

#### BIDS WANTED

STATE OF OREGON.—Until Oct. 22, 9 a.m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, in the Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, for bridge and highway construction, as follows:

Baker County: Middle Bridge-Black Bridge Section of Baker-Homestead Highway. State Project. Furnish 9,000 cu. yds. crushed rock in stock piles.

Baker County: North Powder-Muddy Creek Section of Old Oregon Trail. Federal Aid Project No. 154-F: 5.69 miles grading, surfacing and penetration type bituminous macadam wearing surface; also furnish 3,000 cu. yds. crushed rock in stock piles. Requires approx. 104,000 cu. yds. excavation; 20,000 cu. yds. pit-run gravel; 24,600 cu. yds. crushed rock, and 73,000 sq. yds. bituminous macadam wearing surface.

Benton County: Lincoln County Line-Abra Mountain Section of Arish Highway. State Project. Furnish 6,000 cu. yds. crushed rock or crushed gravel in stock piles.

Curry County: Edison Creek-Squaw Creek Section of Squaw Creek Road. U. S. Works Program Highway Project No. WFSO 296; 0.96 mi. grading and roadbed to bridge. Also construction of 42 lineal feet of pile trestle bridge. Requires approximately 12,000 cu. yds. excavation; 2,800 cu. yds. selected gravel topping materials; 350 lb. ft. cedar piling;

4 MPFB cedar lumber, and 46 lin. ft. trestle superstructure.

Gilliam County: Shuttler Flat-Condor Section of John Day Highway. State Project. Furnish 6,000 cu. yds. crushed rock in stock piles.

Jefferson County: Wasco County Line-Madras Section of The Dalles-California Highway. State Project. Furnish 6,200 cu. yds. crushed rock in stock piles.

Lincoln County: Eddyville Rock Production Project on Corvallis-Newport and Eddyville-Blodgett Highways. State Project. Furnish 11,300 cu. yds. crushed rock in stock piles.

Tillamook County: Hebo Rock Production Project on Oregon Coast and McMinnville - Tillamook Highways. State Project. Furnish 6,000 cu. yds. crushed rock in stock piles.

Wallowa County: Wallowa-Enterprise Section of Wallowa Lake Highway. State Project. Furnish 5,100 cu. yds. crushed rock in stock piles.

Wasco County: The Dalles Roadside Improvement Project on the Columbia River Highway. Federal Aid Project No. 36-C. Requires approximately 5,000 cu. yds. rock excavation.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 522, State Office Building, Salem, Oregon, upon the deposit of \$5.00.

### 30—RESERVOIRS & DAMS

#### BIDS OPENED

COWLITZ COUNTY, Wash.—As previously reported, Parker-Schram, 515 2nd Ave., Portland, Oregon, at \$36,457.00 submitted the low bid to the U. S. Engineer Office, 306 Custom House, Portland, under Bid No. 698-38-96, for performing all work for the diversion of King, Coal, Barnes and other creeks, and alterations and additions to the pumping plant and culvert situated in and adjacent to Cowlitz County Drainage Improvement District No. 1, Cowlitz County, Wash. Estimated cost, \$45,715.00.

Work involves:

- (1) 12,000 cu. y. canal excavation;
  - (2) 6,800 cu. y. culvert excavation;
  - (3) 5,400 cu. y. culvert backfill;
  - (4) 145 cu. y. excavation, existing 42-inch dia. culvert;
  - (5) 190 cu. y. backfill, existing 42-inch diameter culvert trench;
  - (6) 715 cu. y. fill, 42-in. dia. culvert;
  - (7) 72.4 cu. y. reinf. conc. in place;
  - (8) 112 lf. 66-in. dia. extra strength reinf. concrete culvert, in place;
  - (9) 80 lf. 66-in. dia. standard reinf. concrete culvert, in place;
  - (10) 580 lf. 18-in. do;
  - (11) 946.5 lf. 60-in. diam. creosoted wood stave pipe, in place;
  - (12) 1 each 66-inch automatic drainage gate, in place;
  - (13) 1 each 24-inch do;
  - (14) 1 each 24-inch do;
  - (15) 311 lf. salvaged steel flume, including fastenings, in place;
  - (16) 52 MPFB steel flume, wooden fastenings, in place;
  - (17) 120 lf. salvaged 42-in. dia. corrugated steel culvert, in place;
  - (18) 3,990 lbs. steel intake trash rack gratings, drainage gate mountings, manhole cover and fastenings, in place;
  - (19) 200 lbs. 6-inch dia. steel pipe casing, in place;
  - (20) 8,860 lbs. 22-in. dia. pump discharge pipe and 12-in. pump connections, in place;
  - (21) 80 cu. y. rt.rip, in place;
  - (22) 33 cu. yds. rt.rip, ground, in place.
- Total bids follow:  
 Parker - Schram Co., 515 Couch Bldg., Portland—\$36,457.15  
 S. S. Montague, Portland..... 41,926.07  
 L. Calucio, Seattle..... 45,840.95  
 Kuckenberg Const. Co., Portland..... 46,461.50

George Schmitt, Portland..... 47,425.51  
Sigh, Ash, Portland..... 54,421.10  
Unit prices on file at the office of  
Daily Pacific Builder.

**NEW BIDS WANTED**

**ALAMEDA COUNTY, Calif.**—Until October 18, 10:30 A. M., bids will be received by the Board of Directors of the East Bay Regional Park District, Thos. J. Roberts, Secretary, 512 Bank of America Bldg., Oakland, for repairing and completion of the Temescal Dam, located on the property of the East Bay Regional Park District, Oakland.

- Work involves:  
(1) 9633 c.y. embankment fill, 438 ft. elevation, 40 ft. wide;  
(2) 19,200 sq. ft. 2-in. reinforced concrete pavement fill;  
(3) 1680 sq. ft. of reinforced concrete pavement footpath;  
(4) Completed construction of reinf. concrete steps and rails.

Plans and specifications may be obtained from the above office upon deposit of \$25.00.

Following are the bids submitted October 7, which were cancelled due to an irregularity:

- (A) Lee J. Immel, Berkeley \$12,739.30  
(B) Ariss & Knapp, Oakland 13,751.00  
(C) Tieslau Bros., Berkeley 14,472.37

Unit prices follow:

(1).....	\$ .90	\$ 1.00	\$ 83
(2).....	.21	.17	26
(3).....	.32	.30	40
(4).....	500.00	350.00	235.00

**BIDS REJECTED**

**SUISUN CITY, Solano Co., Calif.**—Suisun City Council, A. N. Trainor, City Clerk, City Hall, Suisun, rejected all bids for the cleaning out and deepening of the city water supply reservoir on Twin Peaks Mountain near Suisun City, Solano County.

**BIDS OPENED**

**BOULDER CANYON PROJ.**—The following submitted bids by the Bureau of Reclamation, John C. Page, Commissioner, Denver, under Spec. No. 749, for two 165-inch butterfly valves for installation in the Boulder power plant, Boulder Canyon Proj.; for shipping point and/or Boulder City, Nevada.

To bid follow:  
Koppers Co., Bartlett Hayward Division, Baltimore; fob same, 852,000 lbs., \$325,800; disc. 1/2%.

Baldwin-Southwark Corp., Philadelphia; fob Eddystone, Pa., 940,000 lbs., \$332,786.

Hardie-Tynes Mfg. Co., Birmingham, Ala.; fob same, 790,000 lbs., \$295,960.

**BIDS WANTED**

**SACRAMENTO, Cal.**—Until Oct. 29, 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Pro. No. 1105-38-89, for completing approximately 500 feet of levee and a road approach along the east levee of the Yolo By-Pass. The work completing the levee is located 3 miles southerly from the east end of Fremont Weir and approximately 9.5 mile southerly from District No. 1600 pump. The road approach to be completed is located approximately one mile southerly from the east end of Fremont Weir.

- Work involves:  
(1) 6200 cu. y. levee embankment, in place;  
(2) 1,700 tons "Oroville" cobbles, in place;  
(3) 175 cu. y. road gravel, in place;  
(4) 14-in. corr. iron pipe, 24-inch diameter No. 12 gauge, with necessary 24-in. dia. No. 12 gauge band couplers and 5/8-in. bolts, in place.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**LOS ANGELES, Calif.**—Until October 19, 2:00 P. M., bids will be received by Los Angeles County Board of Supervisors for completion of outlet work at San Gabriel Dam No. 1.

- The work involves:  
(1) 1580 cu. y. concrete;  
(2) 1,460,000 lbs. outlet valves and appurtenances (installed);  
(3) 3,550,000 lbs. outlet pipe and structural steel (uninstalled);  
(4) 280,000 lbs. reinforced steel (installed);  
(5) set operating machinery and appurtenant work.

C. H. Howell, 4th floor, 751 S. Figueroa Street, Los Angeles, chief engineer. Mame B. Beatty, clerk of the board, 501 Hall of Records, Los Angeles.

**31—PIPE LINES & WELLS**

October 13, 1937.

**BIDS OPENED**

**KENDRICK PROJECT, Wyo.**—Following submitted bids to the Bureau of Reclamation, Denver, Colorado, under Spec. No. 975-D, for furnishing (1) three 120-inch penstocks; (2) two 72-inch penstocks for the outlet works at the Seminoe Dam, Kendrick Project, Wyoming; f.o.b. cars at Paros, Wyoming, and/or shipping point. Pipes will be installed by the Government.

Total bids follow:

Thompson Mfg. Co., Denver, Colo.—(1) \$22,029; (2) \$8,839; total, \$30,868; f.o.b. Paros, Wyoming.  
Treadwell Const. Co., Midland, Pa.—(1) \$15,156; (2) \$7,020; total \$22,176; f.o.b. Midland.

Bethlehem Steel Co., Bethlehem, Pa.—(1) \$18,300; (2) \$8,100; total \$26,400; f.o.b. Leesdale, Pa.

New York Shipbuilding Corp., Camden, N. J.—(1) \$28,981; (2) \$14,366; total \$43,347; f.o.b. Camden.

The Steel Tank & Pipe Co., Berkeley, Calif.—(1) \$21,850; (2) \$10,190; total \$32,040; f.o.b. Berkeley.

Southwest Welding and Mfg. Co., Alhambra—(1) \$19,370; (2) \$8,574; total \$28,214; f.o.b. Alhambra \* 31

**BIDS OPENED**

**SUTTER COUNTY, Calif.**—Fred Kaus, 2726 E. Main Street, Stockton, at \$1,731.75, submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Pro. No. 1105-38-92, for constructing concrete lining and existing ditch and seven reinforced concrete outlet structures along the left bank of the Sacramento River, at Racetrack Bend, near Kirkville, Sutter County, Calif.

- Work involves:  
(1) 22,500 cu. ft. concrete ditch lining, 3 inches thick, in place  
(2) 8.0 cu. y. concrete in place outlet structures;  
(3) 325 lbs. reinforcing steel, in place outlet structure.

Total bids follow:  
(A) Fred Kaus, 2726 E. Main St., Stockton, \$1,731.75

(B) J. H. Moore, Inc., San Francisco, \$4047.75

Unit prices follow:

(1).....	(A)	(B)
(2).....	.07	.17
(3).....	17.00	18.00
(4).....	.07	.15

**BIDS OPENED**

**SAN FRANCISCO, Calif.**—E. J. Treacy, 430 Call Bldg., San Francisco, at \$1,151.50, submitted a bid to the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. WD 151, for the laying of a 16-in. cast iron pipe in Van Ness Ave., North Point to Ray Street, San

Francisco.

- Work involves:  
(1) 450 lf. excav. and backfill for 16-in. pipe, trench 30-in. wide by 48-in. deep;  
(2) 20 cu y. additional excavation and backfill;  
(3) 100 sq. ft. additional pavement removal and replacement;  
(4) 450 lf. of 16-in. bell and spigot cast iron pipe;  
(5) 6000 lbs. installing of fittings, gate valves, etc.;  
(6) 235 lf. bell and spigot joints for pipe fittings;  
(7) 1250 sq. ft. repavement.  
Total bids follow:  
(A) E. J. Treacy, 430 Call Bldg., San Francisco, \$1,151.50.  
(B) Lowrieaving Co., San Francisco, \$1,305.25.  
(C) San Francisco Water Dept., \$1,416.

Unit prices follow:

(1).....	(A)	(B)	(C)
(2).....	1.10	1.15	1.15
(3).....	1.50	1.50	3.80
(4).....	.25	.30	.60
(5).....	.2	.34	.35
(6).....	.03	.03	.025
(7).....	.30	.35	.50
(8).....	.24	.25	.27

October 13, 1937.

**SACRAMENTO**—Applications for permits to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of September, 1937.

9103 (Plumas Co.)—George D. Prentice, Richards, Cal., for 0.5 c.f.s. from French Ravine tributary to East Br. of North Fork of Feather River; to be diverted for mining and domestic purposes.

9104 (Shasta Co.)—Vera Mines Corporation of East-Carroll St., Santa Barbara, Cal., for 2.7 c.f.s. from Souwa Creek and unnamed tributary, tributary to Sacramento River; to be diverted for mining purposes. Estimated cost, \$3500.

9105 (Mono Co.)—Division of Highways, Sacramento, Cal., for 0.002 c.f.s. from a spring tributary to Owens River, to be diverted for domestic purposes. Estimated cost, \$500.

9106 (San Diego Co.)—Truman C. Kuhn, Valley Center, Cal., for .80 acre-foot per annum from unnamed creek tributary to San Luis Rey River, to be diverted for irrigation and domestic purposes on 10 acres. Estimated cost, \$250.

9107 (Shshiyon Co.)—U. S. Klamath National Forest, Yreka, Cal., for 0.025 c.f.s. from Louie Creek tributary to Klamath River, to be diverted for recreational purposes. Estimated cost, \$300.

9108 (Humboldt Co.)—U. S. Trinity National Forest, Weaverville, Cal., for 200 gals. per day from an unnamed creek tributary to Trinity River, to be diverted for domestic purposes. Estimated cost, \$1000.

9109 (Santa Barbara Co.)—Thomas W. Kinevan, Santa Barbara, Calif., for 5333 gals. per day from a spring tributary to San Jose Creek; to be diverted for domestic purposes.

9110 (Santa Barbara Co.)—Nell Kinevan, Room, Santa Barbara, Calif., for 5333 gals. per day from a spring tributary to San Jose Creek; to be diverted for domestic purposes.

9111 (Santa Barbara Co.)—Mary A. Kinevan, Santa Barbara, Calif., for 5333 gals. per day from a spring tributary to San Jose Creek; to be diverted for domestic purposes.

9112 (San Mateo Co.)—Shoreland Properties, Inc., Pescadero, Cal., for 850 acre-foot per annum from Little Butano Creek tributary to Pacific Ocean, to be diverted for irrigation purposes. Estimated cost, \$1700.

9113 (Shshiyon Co.)—Andrew Green, Somershar, Calif., for 0.025 c.f.s. from

Crapo Creek tributary to Salmon River; to be diverted for domestic purposes. Estimated cost, \$3000.

9114 (Placer Co.)—U. S. Tahoe National Forest, Nevada City, Calif., for 0.02 c.f.s. from Blue Canyon Ranger Station Spring tributary to Blue Canyon Creek, to be diverted for domestic purposes. Estimated cost, \$3500.

9115 (Orange Co.)—The Whiting Co., El Toro, Calif., for 600 acre-feet per annum from an unnamed creek and Toro Creek tributary to San Diego Creek; to be diverted for irrigation purposes on 875 acres. Estimated cost, \$60,000.

9116 (Orange Co.)—The Whiting Co., El Toro, Calif., for 600 acre-feet per annum from an unnamed creek and Aliso Creek tributary to San Diego Creek and Pacific Ocean; to be diverted for irrigation purposes on 875 acres. Estimated cost, \$60,000.

9117 (El Dorado Co.)—Cordelia S. Spencer, Kyburz, Cal., for 3 c.f.s. from Pyramid Creek tributary to American River; to be diverted for power purposes; 48 theoretical hp. to be developed.

9118 (Los Angeles Co.)—San Gabriel Valley Protective Association, Whittier, Cal., for 200,000 acre-feet per annum from San Gabriel River tributary to Pacific Ocean. The point of diversion for spreading is to be located at various places along the natural and/or artificial channels of the San Gabriel River, between Morris Dam and Imperial Highway, for irrigation and domestic purposes on 150,000 acres. Estimated cost \$375,000.

9119 (Los Angeles Co.)—San Gabriel Valley Protective Association, Whittier, Cal., for 200,000 acre-feet per annum from San Gabriel River tributary to Pacific Ocean. The point of diversion for spreading is to be located at various places along the natural and/or artificial channels of the San Gabriel River between Morris Dam and Imperial Highway, for municipal purposes. Estimated cost, \$1,304,400.

9120 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 1200 gals. per day from Rock Canyon tributary to South Fork American River; to be diverted for domestic purposes. Estimated cost, \$1200.

9121 (Mono Co.)—Sierra Consolidated Mines, Inc., Wellfleet, Calif., for 3 c.f.s. from Cottonwood Canyon; to be diverted for mining and domestic purposes. Estimated cost, \$6,000.

9122 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 800 gals. per day from Rock Canyon tributary to South Fork of American River; to be diverted for domestic purposes. Estimated cost, \$200.

9123 (Lassen Co.)—Tanner Slough Irrigation Association, c/o J. J. Fleming, Wendell, Calif., for 200 acre-feet per annum from Willow Creek tributary to Susan River; to be diverted for irrigation purposes on 72543 acs. Estimated cost, \$2000.

9124 (Stanislaus Co.)—W. J. Leckron, Modesto, Calif., for 10 c.f.s. from Tuolumne River tributary to San Joaquin River; to be diverted for irrigation purposes on 52 acres. Estimated cost, \$3500.

9125 (Amador Co.)—Sierra Mountain Water Co., 310 E. Market St., Stockton, Calif., for 300,000 acre-feet per annum from Cosumnes River; to be diverted for municipal purposes; to be developed.

9126 (Amador Co.)—Sierra Mountain Water Co., Stockton, Calif., for 300,000 acre-feet per annum from Cosumnes River; to be diverted for power purposes; 13840 theoretical hp. to be developed.

9127 (Orange Co.)—Ranster J. Ea-

ker, R.F.D., Santa Ana, Cal., for 73 acre-feet per annum from an unnamed stream tributary to San Diego Creek; to be diverted for irrigation and domestic purposes on 20 acres. Estimated cost, \$1500.

9128 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 200 gallons per day from Pyramid Creek tributary to South Fork of American River; to be diverted for domestic purposes. Estimated cost, \$300.

9129 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Calif., for 600 gals. per day from Pyramid Creek tributary to South Fork of American River, to be diverted for domestic purposes. Estimated cost, \$300.

9130 (Tuolumne Co.)—L. L. Coffey and M. J. Preshaw, Sonora, Cal., for 0.5 c.f.s. from Mormon Creek tributary to Stanislaus River; to be diverted for irrigation and domestic purposes on 30 acres. Estimated cost, \$750.

9131 (Contra Costa Co.)—Division of Highways, Sacramento, Calif., for 1890 gals. per day from a spring tributary to San Pablo Creek; to be diverted for drinking fountain purposes. Estimated cost, \$750.

9132 (Siiskiyou Co.)—U. S. Shasta National Forest, Mount Shasta, Cal., for 15,000 gals. per day from Hemlock Spring tributary to Meltoine Lake; to be diverted for domestic and recreational purposes. Estimated cost, \$2400.

EDWARD HYATT,  
State Engineer. 31

SACRAMENTO.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of September, 1937:

1936, App. 8972 (Trinity Co.)—Issued to W. A. Gosbeck, Minersville, Cal., Sept. 1, 1937, for 3 cubic feet per second from Strape Creek; for mining and domestic purposes.

1937, App. 8979 (Los Angeles Co.)—Issued to Division of Highways, Sacramento, Calif., Sept. 1, 1937, for 6500 gals. per day from Barrel Springs; for recreational purposes. Estimated cost, \$350.

1938, App. 9036 (Riverside Co.)—Issued to W. Elmo and Stella G. Reavis, Los Angeles, Cal., Sept. 1, 1937, for 7200 gals. per day from an unnamed spring; for domestic purposes and irrigation of 40 acres. Estimated cost, \$100.

1939, App. 8911 (Nevada Co.)—Issued to G. S. Black, Reno, Nevada, Sept. 7, 1937, for 100,000 gals. per day from a mine tunnel and Washington Creek; for mining and milling purposes. Estimated cost, \$5000.

1939, App. 8983 (Trinity Co.)—Issued to Kae W. Mason, Carrville, Cal., Sept. 7, 1937, for one cubic foot per second from Little Boulder Creek for domestic purposes and irrigation of one acre.

1939, App. 9006 (Trinity Co.)—Issued to E. E. Emmons, Denny, Cal., Sept. 7, 1937, for 3 cubic feet per second from Slide Creek. Movable permit; for mining and domestic uses. Estimated cost, \$20,000.

1939, App. 9043 (San Bernardino Co.)—Issued to T. W. Coverton, San Bernardino, Calif., Sept. 14, 1937, for 0.05 cubic foot per second from an unnamed spring; for domestic purposes and irrigation of 23 acres.

1939, App. 8971 (Shasta Co.)—Issued to G. H. Otney, Marysville, Cal., Sept. 14, 1937, for 200 gals. per day from an unnamed spring; for domestic purposes. Estimated cost, \$100.

1939, App. 9032 (Sutter Co.)—Issued to James E. Clark, Meridian, Calif., Sept. 14, 1937, for 1.5 cubic feet per

second from Sacramento River; for irrigation of 100 acres.

1939, App. 9051 (Siiskiyou Co.)—Issued to S. L. Mason, Yreka, Calif., Sept. 20, 1937, for 16,000 gals. per day from an unnamed catch for domestic purposes. Estimated cost, \$150.

1939, App. 9030 (Los Angeles Co.)—Issued to W. F. Harrington, Los Angeles, Calif., Sept. 23, 1937, for 9700 gals. per day from an unnamed spring; for domestic purposes and irrigation of 10 acres. Estimated cost, \$300.

1939, App. 9028 (Inyo Co.)—Issued to John Storm, Olancha, Calif., Sept. 23, 1937, for one cubic foot per second from Loco Creek; for irrigation of 40 acres. Estimated cost, \$100.

1939, App. 8850 (Plumas Co.)—Issued to Hoefling Bros., Inc., Sacramento, Cal., Sept. 24, 1937, for one cubic foot per second from Chambers Creek; for mining and domestic purposes. Estimated cost, \$2000.

1939, App. 9046 (Plumas Co.)—Issued to Douglas L. Hunt, Crescent City, Calif., Sept. 24, 1937, for 10,000 gals. per day from an unnamed stream; for recreational and domestic purposes. Estimated cost, \$500.

1939, App. 9012 (Mendocino Co.)—Issued to Harold H. Wonacott, Fort Bragg, Calif., Sept. 24, 1937, for 10,000 gals. per day from Digger Creek for domestic purposes. Estimated cost, \$1000.

1939, App. 8959 (Siiskiyou Co.)—Issued to S. W. Patterson, Yreka, Cal., Sept. 27, 1937, for 2 cubic feet per second from Douglas Creek and two unnamed springs; for mining and domestic purposes. Estimated cost, \$500.

1939, App. 9029 (San Bernardino Co.)—Issued to Division of Highways, Sacramento, Calif., Sept. 27, 1937, for 1000 gals. per day from an unnamed spring; for domestic purposes. Estimated cost, \$200.

1939, App. 8916 (Riverside Co.)—Issued to M. H. Lerner, Riverside, Cal., Sept. 29, 1937, for 0.75 cubic feet per second from waste water; for irrigation of 10 acres. Estimated cost, \$50.

EDWARD HYATT,  
State Engineer.

#### BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 21, 3 n.m., bids will be received by D. P. Nicklin, Los Angeles Water & Power Purchasing Agent, Room 6, 206 S. Broadway, for furnishing all labor, material, transportation and services for installation of C I water supply lines in what is known as the Van Nuys Blvd. and Sutter St. Water Supply District, involving 4250 ft. 6-in. 10,850 ft. 4-in. pipe and 19 2½-in. fire hydrants. PWA Docket 1929-R, Unit No. 4 (supplementary), Spec. No. 1406.

- The items are:
- (a) 166 tons, delivery of approx 15,100 ft 4-in and 6-in pipe, fittings and gate valves from dept yards to trenchside in vicinity of San Bernardino Road and Van Nuys Blvd.;
  - (b) 4250 ft trench excav for 6-in main, incl prospecting for sub-structures, etc.;
  - (b2) 10,850 ft trench excav for 4-in main, etc.;
  - (c1) 4250 ft placing 6-in pipe in trench, fitting, caulking, placing gate valves, etc.;
  - (c2) 10,850 ft placing 4-in pipe in trench, etc.;
  - (d) 7 c.y. concr blocking angles, tees, etc.
  - (e) 4250 ft backfill for 6-in main;
  - (e2) 10,850 ft backfill for 4-in main;
  - (f) 4250 ft trench excav for 6-in installing complete.

#### SUPPLEMENTAL ITEMS:

- (g1) Extra cost for 6-in pipe lead joint.
- (g2) Extra cost for 4-in pipe lead joint.

**BIDS WANTED**

**SAN FRANCISCO**—Until October 19, 3 P. M. bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under W. D. Contract No. 155-57, for laying of 4- and 8-in. cast iron pipe in Silver Ave., Topeka St. and Shipley St.

The work involves:

- (1) 1538 Lf. excavation for 17x37-in. pipe;
- (2) 40 c.y. additional excavation and backfill;
- (3) 150 sq. ft. additional pavement, remove and replace;
- (4a) 248 Lf. 8-in. cast iron pipe installed;
- (4b) 1290 Lf. 4-in. do;
- (5) 800 lbs. install fitting, valves, etc.
- (6) 162 Lf. making joints;
- (7) 1855 sq. ft. repavement;
- (8) 27 3/4-in. screw caps installed;
- (9) 900 Lf. 3/4-in. copper service pipe installed.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$5.00.

**BIDS WANTED**

**SAN FRANCISCO**—Until October 14, 3 P. M. informal bids will be received by the Public Utilities Commission, Room 287, City Hall, under W. D. Contract No. 158, for the laying of 2- and 6-in. cast iron pipe in Encino Court.

The work involves:

- (1) 575 Lf. excavation backfill for 17x36-in. trench;
- (2) 10 c.y. additional excavation and backfill;
- (3a) 350 Lf. install 6-in. pipe;
- (3b) 225 Lf. install 2-in. pipe;
- (4) 750 lbs. install fittings, valves, etc.;
- (5) 70 Lf. making joints;
- (6) 15 sq. ft. repavement;
- (7) 38 3/4-in. screw caps installed;
- (8) 530 Lf. install 3/4-in. copper service pipe.

Plans and specifications may be obtained from Room 605, 425 Mason St., upon deposit of \$5.00.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**

**SAN FRANCISCO**—Until Oct. 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the construction of sewers in the Hunters Point District. Est. cost, \$46,000.

Work involves:

- (1) 42,000 c.y. grading, excav.
- (2) 10,000 c.y. grading, fill;
- (3) 4,500 Lf. 8-in. VCP sewer, in place;
- (4) 2,000 Lf. 12-in. do;
- (5) 32 Lf. 15-in. do;
- (6) 675 Lf. 18-in. do;
- (7) 220 8x6-in. Y branches, in place;
- (8) 80 12-inch do;
- (9) 40 18-inch do;
- (10) 37 brick manholes, complete;
- (11) 22 brick catchbasins, complete;
- (12) 700 Lf. 10-in. VCP culvert, in place.

Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10.00.

**BIDS OPENED**

**DALLIES CITY, Oregon**—Victor Equipment Co., 1010 E. 62nd Street, Los Angeles, at \$1,950.00 submitted low bid to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-104, for designing, manufacturing, delivering and installing the sewage pumps for the Bonneville Project at Dallis City, Oregon.

Work involves:

- (1) One 5 vertical electric motor-driven sewage pumps, and 2 vertical bilge pumps, installed;
- (2) One 1 horizontal electric motor-driven sewage pumps and one

**LAKE & KLAMATH COS., ORE.—Hwy. Constr.—(Govt.)**

**LAKE AND KLAMATH COS., Ore.**—Harold Blake, 400 N. Thompson St., Portland, at \$42,738.23, submitted low bid and was recommended for award by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for constructing or improving 16,243 mi. highway, Fremont Highway Surfacing Project 29-A1B1, Oregon National Forest Road Project, located within the Deschutes National Forest, Lake and Klamath Counties, Ore.

Work involves:

- (1) 1 acre clearing (horror pit);
- (2) 1 acre grubbing (borrow pit);
- (3) 1000 c.y. unclass. excav.
- (4) 2000 c.y. unclass. excav. for borrow;
- (5) 10,000 sta. yds. special overhaul;
- (6) 1000 c.y. m. special overhaul;
- (7) 90 acres roadside cleanup;
- (8) 16,243 miles fine grading, sub-grade and shoulders;
- (9) 100 sq. ft. dangerous trees and snags;
- (10) 46,000 tons gravel bottom course;
- (11) 25,000 tons gravel top course;
- (12) 40 days roller operation;
- (13) 1 each, furnishing roller.

Total bids follow:

- (A) Harold Blake, 400 N. Thompson St., Portland, Ore.—\$42,738.23.
- (B) Warren - Northwest, Inc., Port-

- land, Ore.—\$37,135.65.
- (C) Joslin & Allister, Spokane, Wash.—\$57,629.30.
- (D) A. Milne Constr. Co., Portland, Ore.—\$58,124.30.
- (E) E. C. Hall, Eugene—\$60,596.45.
- (F) Babler Bros., Portland—\$64,898.60.
- (G) E. C. Itschner, Wallawa—\$65,614.20.
- (H) Saxton, Looney & Rialley, Portland—\$66,328.25.
- (I) Carl Nyberg, Spokane—\$66,344.30.
- (J) Clifford A. Dunn, Klamath Falls—\$97,350.75.
- (K) McNott Brothers, Spokane—\$99,147.20.
- (L) Rogens Constr. Co., Dayton—\$71,032.90.
- (M) S. S. Montague, Portland—\$73,576.45.
- (N) R. O. Dall and Warren Bros., Aberdeen—\$74,860.75.
- (O) J. A. Lyons, Portland—\$75,848.60.
- (P) F. C. Dillard, Medford—\$83,722.90.
- (Q) A. C. Greenwood, Inc., Portland—\$86,948.60.
- (R) George Pollock, Sacramento, Cal.—\$88,801.50.
- (S) Fred G. Hedmon, Yakima, Wash.—\$89,728.60.
- (T) Joplin & Eldon, Portland—\$92,574.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	100.00	100.00	85.00	100.00	100.00	50.00	500.00	50.00	100.00	20
(2)	100.00	100.00	100.00	100.00	100.00	50.00	300.00	50.00	100.00	20
(3a)	.50	1.00	.20	.50	.25	.30	1.18	.50	.25	25
(3b)	4.00	4.00	.20	.30	2.25	.30	1.25	.18	.25	25
(4)	.02	.03	.03	.05	.02	.02	.02	.04	.03	.03
(5)	12	15	20	20	15	15	20	.20	.25	25
(6)	35.00	90.00	16.00	50.00	100.00	100.00	100.00	68.00	50.00	8
(7)	75.00	350.00	100.00	100.00	150.00	200.00	100.00	250.00	100.00	25
(8)	2.00	4.00	2.00	2.00	2.00	1.00	1.00	4.00	3.00	87
(9)	45	52	.66	.65	63	65	63	.8725	.25	25
(10)	50	52	.71	.85	63	70	.75	7.625	.90	8
(11)	25.00	25.00	15.00	20.00	10.00	20.00	20.00	10.00	25.00	1
(12)	25.00	50.00	150.00	250.00	10.00	20.00	800.00	500.00	500.00	60

	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
0.00	300.00	200.00	75.00	150.00	100.00	200.00	200.00	200.00	500.00	200.00	100.00
0.00	200.00	200.00	100.00	150.00	100.00	200.00	200.00	200.00	500.00	200.00	100.00
0.00	1.00	.80	.50	.70	.60	.60	.50	1.50	.40	.30	.30
40	25	.50	.25	.30	.30	.40	.50	1.50	.40	.50	.50
.02	.02	.05	.03	.02	.02	.03	.02	.03	.05	.02	.02
.15	.20	.15	.15	.20	.20	.25	.20	.20	.20	.20	.20
0.00	100.00	75.00	75.00	125.00	145.00	100.00	80.00	62.00	100.00	75.00	75.00
0.00	400.00	300.00	150.00	250.00	200.00	300.00	200.00	500.00	200.00	100.00	100.00
2.50	4.00	10.00	.75	2.00	2.00	3.00	3.00	10.00	4.00	2.00	2.00
.67	.60	.71	.78	.75	.75	.85	.95	.80	.90	1.00	1.00
.75	.75	.75	.89	.75	.75	.90	1.00	1.00	1.10	1.10	1.20
8.00	25.00	25.00	20.00	25.00	25.00	30.00	20.00	50.00	32.00	25.00	25.00
0.00	400.00	150.00	200.00	100.00	300.00	800.00	400.00	300.00	200.00	700.00	700.00

**MARICOPA CO., ARIZ.—Hwy. Improvement—(State)**

**MARICOPA CO., Ariz.**—Daley Corporation, P.O. Box 1590, Phoenix, at \$51,772.56, submitted low bid to the Arizona State Highway Commission, Phoenix, Arizona, for 3.9 mi. concrete pavement widening, beginning about 1/4 mile northwest of SIX Points and extending northwesterly to the south city limits of Glendale and from the west city limits of Glendale northwesterly a distance of about 1 1/2 miles. Phoenix-Flagstaff Highway, FA 23, AFE 4987, FA 48-A, AFE 8988.

Work involves:

- (1) 24,514 sq. yds. grading under pavement;
- (2) 24,814 sq. yds. concrete pavement (CIP);
- (3) 66 tons plant-mix (CIP, except cementing agent);
- (4) 19 tons cutback asphalt, MC-5; (CIP in mixer)

- (5) 8 tons emulsified asphalt, Class A, for seal coat (CIP on road);
- (6) 55 tons screenings (CIP).

Total bids follow:

- (A) Valley Corp., P.O. Box 1590, Phoenix—\$51,772.56.
- (B) W. E. Hall Co., Phoenix—\$55,657.96.
- (C) Tiffany Const. Co., Phoenix—\$56,073.18.
- (D) Arizona Sand & Rock Co., Phoenix—\$57,667.22.
- (E) Lewis Bros. Consts., Inc., Phoenix—\$58,599.06.
- (F) Phoenix-Tempe Stone Co., Phoenix—\$59,288.24.
- (G) Pearson & Dickerson Consts., Inc., Prescott—\$67,901.40.
- (H) Tanner Const. Co., Phoenix—\$71,538.64.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$0.23	\$1.76	\$3.00	\$22.50	\$40.00	\$44.60
(B)	.19	1.85	3.50	24.00	38.00	3.00
(C)	1.98	7.00	7.00	30.00	40.00	4.00
(D)	.25	1.98	3.00	22.00	37.00	4.00
(E)	.195	2.095	2.00	23.00	37.00	2.00
(F)	.25	2.00	5.40	24.54	34.51	3.60
(G)	.20	2.40	5.00	30.00	40.00	3.00
(H)	.20	2.56	1.50	24.00	35.00	4.00

bilge pump, installed.

Total bids follow:

- (A) Victor Equipment Co., 1010 E. 62nd Street, Los Angeles — \$17,950.00
- (B) H. C. Hastorf, Inc., Portland, Oregon, \$22,279.00
- (C) Benjamin H. Sheldon, Kellogg, Idaho, \$23,130.00
- (D) Bingham Pump Co., Portland, \$23,660.00
- (E) Parker - Schram Co., Portland, \$30,750.00
- (F) University Plumbing & Heating Co., Inc., Seattle, \$32,068.00

Unit prices follow:

(A) .....	\$15,980.00	\$2,060.00
(B) .....	20,164.00	2,115.00
(C) .....	20,750.00	2,380.00
(D) .....	20,640.00	2,720.00
(E) .....	27,500.00	3,250.00
(F) .....	28,945.00	3,123.00

**LOW BIDDER**

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Avenue, San Francisco, at \$72,935.63, submitted low bid to the San Francisco Bay Exposition Company, 585 Bush Street, for the construction of the second unit, storm sewer system, Yerba Buena Shoals.

**33—WATER WORKS**

**BIDS OPENED**

ALCOVA DAM, Wyo.—The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 754 for three motor-driven gate hoists for operating the 25-ft. 8-in. by 40-ft. fixed-wheel gates to be installed in the spillway at Alcovia Dam, Kendrick Project, Wyo. Gate hoists will be installed by the Government, job shipping point and/or Casper, Wyo. Commercial Iron Works, Portland, Ore., \$118,497; fob Portland.

Dravo Corp., Pittsburgh, Pa., \$118,250.00; fob Neville Island, Pa.  
Koppers Co., Ft. Wayne, Ind., \$95,000.00; fob Ft. Wayne.  
Morgan Smith Co., York, Pa., \$105,564.00; fob York.

Foote Bros. Gear & Machine Corp., Chicago, \$193,970; fob Chicago.  
Smith Corp., doing business as General Iron & Steel Works, Portland, Ore., \$124,500; fob Portland.  
Consolidated Steel Corp., Ltd., Los Angeles, \$169,000; fob Los Angeles.

**BIDS OPENED**

STOCKTON, San Joaquin Co., Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$7300.00 submitted low bid to the Reclamation District No. 551, W. F. Dwyer, Jr., Secretary, at the office of the district in the Pump House, Snodgrass Slough, for the construction of a pumping plant to pump drainage waters in the district. Plant is to be located near the center of Sec. 10, T. 5 N., R. 4 E., M.D.B. & N.

Total bids follow:

Lord & Bishop, Native Sons Bldg., Sacramento ..... \$7,300.00  
Cass Bros., Walnut Grove, 7,672.00  
Eddy Electrical & Mech. Co., Stockton ..... 8,400.00  
Byron-Jackson Co., Berkeley 9,026.00

**COMPLETE BID**

MODOC CO., Calif.—As previously reported, J. P. Brennan, Redding, at \$5,973.50 submitted, the only bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for extending the existing reinforced concrete box culvert and constructing a new reinforced concrete box culvert, near the east city limits of Alturas, Modoc Co.

Work involves:

- (1) 375 Cu. yd. structure excavation;
- (2) 75 cu. yd. ditch and channel excavation;
- (3) 104 cu. yd. class "A" Portland cement concrete

**VENTURA COUNTY—GRADING & PAVING—(State)**

VENTURA CO., Calif. As previously reported, Griffith Co., 502 L. A. Rwy. Bldg., Los Angeles, at \$37,633, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving hospital grounds at the Camarillo State Hospital, Ventura County.

Work involves:

- (1) Clearing and grubbing;
- (2) 400 M. gals. water;
- (3) 11,300 c.y. roadway excav., without class;
- (4) 400 c.y. struc. excav.;
- (5) 4,500 c.y. ditch and channel excavation;
- (6) 20 c.y. remove concrete;
- (7) 5,500 sq. yds. preparing subgrade for pave.;
- (8) Finishing roadway;
- (9) 10 tons liq. asphalt, SC-2, prime coat, road-mix surf. treatment;
- (10) 120 tons liq. asphalt, SC-2, road-mix surf. treatment;
- (11) 10,000 sq. yds. preparing, mixing and shaping road-mix surf. treatment;
- (12) 5 tons liquid asphalt, MC-3, seal coat;
- (13) 50 tons sand, seal coat;
- (14) 11 tons liq. asphalt, MC-2, prime coat plant-mix surf.;
- (15) 92 tons liq. asphalt, MC-4 or MC-5, plant-mix surf.;
- (16) 1,750 tons min. aggregate, plant-mix surf.;
- (17) 7 MFMB select, all-heart structure Redwood;

- (18) 630 tons asphalt conc. leveling course;
- (19) 330 tons asphalt conc., Type B surf.;
- (20) 210 c.y. Class A portland cement concrete pave.;
- (21) 600 lbs. bar. reinf. steel strucs.;
- (22) 580 sq. yds. mesh reinf. pave.;
- (23) 20 c.y. class A portland cement conc. strucs.;
- (24) 440 c.y. Class A portland cement concrete curbs, gutters and sidewalks;
- (25) 2,800 lbs. misc. iron and steel;
- (26) 50 lf. 12-in. CMP;
- (27) 170 lf. 15-in. CMP;
- (28) 210 lf. 18-in. CMP;
- (29) 40 lf. 24-in. CMP;
- (30) 30 lf. 30-in. CMP;
- (31) 180 lf. 4-in. welded steel pipe;
- (32) 1 only, timber cattle crossing.

The State will furnish welded steel pipe, timber for cattle crossing, CMP and band couplers, etc.

Total bids follow:

- (A) Griffith Co., 502 L. A. Rwy. Bldg., Los Angeles—\$37,633.00.
- (B) Dimmitt & Taylor, Los Angeles —\$38,449.20.
- (C) C. O. Sparks & Mundo Engrg. Co., Los Angeles—\$39,797.50.
- (D) Vido Kovacevich, South Gate—\$39,829.50.
- (E) J. E. Campbell, Los Angeles—\$41,024.50.
- (F) Oswald Bros., Los Angeles—\$42,190.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1) .....	\$250.00	\$300.00	\$450.00	\$1500.00	\$800.00	\$250.00
(2) .....	1.50	1.50	.50	1.00	1.50	1.00
(3) .....	.35	.55	.50	.40	.45	.50
(4) .....	1.50	1.30	1.00	1.25	1.50	1.50
(5) .....	.85	.80	.75	.80	1.90	1.50
(6) .....	3.00	5.00	3.50	10.00	5.00	3.00
(7) .....	.15	.15	.15	.15	.15	.13
(8) .....	250.00	600.00	1000.00	1000.00	800.00	750.00
(9) .....	9.00	8.50	15.00	12.00	10.50	10.00
(10) .....	9.00	8.50	10.00	12.00	8.25	8.50
(11) .....	.12	.08	.10	.16	.08	.10
(12) .....	16.00	16.00	25.00	16.00	15.00	15.00
(13) .....	3.00	3.20	3.50	3.50	4.50	2.50
(14) .....	16.00	15.00	20.00	16.00	14.50	15.00
(15) .....	15.00	13.85	15.00	12.00	13.00	15.00
(16) .....	4.00	3.50	4.20	4.00	3.50	3.50
(17) .....	150.00	120.00	110.00	100.00	100.00	125.00
(18) .....	4.25	4.35	5.75	4.75	4.50	5.00
(19) .....	4.50	4.35	5.75	4.75	4.50	5.25
(20) .....	11.00	11.00	12.00	11.00	10.00	11.00
(21) .....	.08	.07	.08	.07	.05	.07
(22) .....	.35	.35	.25	.50	.30	.30
(23) .....	35.00	32.00	30.00	30.00	25.00	30.00
(24) .....	15.00	15.50	13.00	14.00	13.50	15.50
(25) .....	.17	.20	.20	.16	.15	.15
(26) .....	.50	.40	.60	.40	.40	.35
(27) .....	.50	.50	.75	.40	.50	.40
(28) .....	.75	.80	.90	.50	.60	.50
(29) .....	.75	.80	1.20	.60	1.00	.60
(30) .....	1.00	1.00	1.50	.75	1.00	.75
(31) .....	.75	.20	.50	.50	.30	.50
(32) .....	100.00	60.00	100.00	150.00	50.00	50.00

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Manufacturers of  
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and Building Specialties

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| Concrete Hoppers                   | End Caps for Dowels                     |
| Paper Tubing                       | End Guards for Expansion Joint          |
| Bar Supports for Reinforcing Steel | Expansion Joint                         |
| Anchor Slot                        | Copper Expansion Joint                  |
| Brick, Stone & Terra Cotta Anchors | Cross Walk Markers                      |
| Sleeper Anchors                    | Metal Corner Bead                       |

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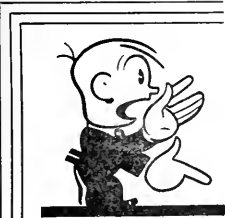
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160 HOOPER STREET

- (4) 9400 lbs. bar reinforcing steel;
  - (5) 3.5 cu. yd. concrete removed.
- Unit prices follow:
- |          |        |
|----------|--------|
| (1)..... | \$4.00 |
| (2)..... | 3.00   |
| (3)..... | 33.00  |
| (4)..... | .085   |
| (5)..... | 5.00   |

**35— TUNNELS**

**Contract Awarded**  
**SPRING CITY**, Sampete Co., Utah.  
 —Dan Teters & Co., Inc., Riverside, California, at \$128,235, was awarded contract by the U. S. Bureau of Reclamation, John C. Page, Commissioner, 336 Federal Bldg., Salt Lake City, under Spec. No. 747, for the construction of the Spring City Tunnel.



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**MONO COUNTY—GRADING—(State)**

MONO CO. Calif.—J. V. Galbraith and Don A. Canaveri, 1722 4th St., Santa Rosa, at \$17,715.75, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading 2.2 miles between Route 23 and June Lake, Mono Co.

- Work involves:
- (1) 815 M. gals. water;
  - (2) 37,850 c.y. roadway excav., without classification;
  - (3) 200 c.y. struc. excav.;
  - (4) 55,800 sta. yds. overhaul;
  - (5) 119 sta. finishing roadway;
  - (6) 488 lf. 18-in. CMP;
  - (7) 24 each, culvert markers;
  - (8) 36 each, monuments, complete, in place.

- The State will furnish CMP and band couplers.
- Total bids follow:
- (A) J. V. Galbraith & Don A. Canaveri, 1722 4th St., Santa Rosa—\$17,715.75.
  - (B) C. A. Baker, Sacramento—\$17,937.00.
  - (C) Basich Bros., Torrance — \$19,422.25.
  - (D) George J. Bock Co., L. A.—\$20,599.50.
  - (E) A. S. Vinnell Co., L. A.—\$21,792.65.
  - (F) Oswald Bros., L. A.—\$22,528.
  - (G) Fredericksen and Westbrook, Lower Lake—\$32,952.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$1.75	\$2.00	\$0.75	\$2.00	\$1.75	\$2.50	\$1.60
(2).....	.35	.36	.44	.43	.456	.45	.76
(3).....	1.00	1.00	1.00	1.50	1.50	3.00	2.00
(4).....	.02	.015	.015	.01	.01	.02	.01
(5).....	8.50	8.00	4.00	10.00	15.00	10.00	10.00
(6).....	1.00	1.00	1.00	1.00	.60	.75	1.00
(7).....	3.00	2.00	2.50	2.50	3.00	3.00	4.00
(8).....	5.00	5.00	3.00	4.00	4.00	4.00	5.00

**KINGS COUNTY—PAVING—(State)**

KINGS CO. Calif.—Plazza & Huntley, 415 First National Bank Bldg., San Jose at \$62,648.50, submitted low bid to the State Division of Hwys., C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for paving with asphalt concrete 64 mi. between Hanford and Alcorn Bridge Corner, Kings County.

- Work involves:
- (1) 170 M. gals. water;
  - (2) 16,500 sq. yds. preparing subgrade.
  - (3) 360 c.y. remove and stockpile existing oil-treated material;
  - (4) 338 sta. finishing roadway;
  - (5) 10 c.y. remove existing pave.;
  - (6) 1,300 tons mineral aggregate plant-mix surf.;
  - (7) 65 tons liq. asph., SC-4, plant-mix surf.;
  - (8) 59,000 sq. yds. asph. paint binder;
  - (9) 725 tons asph. cement, Grade D.

- asphaltic concrete:
- (10) 5,250 tons mineral aggregate asphalt conc., base and leveling course;
  - (11) 8,450 tons mineral aggregate asphalt conc., Type A surface.
- Total bids follow:

- (A) Plazza & Huntley, 415 First National Bank Bldg., San Jose—\$62,648.50.
- (B) Union Paving Co., San Francisco—\$63,853.50.
- (C) Griffith Co., L. A.—\$68,154.
- (D) So. Calif. Roads Co., L. A.—\$71,910.50.
- (E) Basich Bros., Torrance — \$73,618.50.
- (F) Independent Constr. Co., Ltd., Oakland—\$78,799.00.
- (G) N. M. Ball & Sons, Berkeley—\$78,641.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$2.00	\$2.00	\$3.00	\$2.75	\$1.50	\$2.00	\$2.00
(2).....	.03	.10	.16	.20	.09	.10	.15
(3).....	.50	.70	.60	.60	.60	1.00	1.00
(4).....	5.00	8.00	3.00	4.00	10.00	3.00	7.00
(5).....	5.00	8.00	5.00	6.00	3.00	5.00	5.00
(6).....	2.70	3.00	3.00	4.20	3.00	3.20	3.60
(7).....	13.00	13.00	12.00	17.00	14.00	15.00	13.00
(8).....	.005	.01	.02	.025	.015	.005	.015
(9).....	15.50	16.00	15.00	18.00	19.50	18.00	18.00
(10).....	3.10	2.90	3.35	3.00	3.42	4.15	3.90
(11).....	3.28	3.15	3.47	3.50	3.60	4.15	4.20

**SANTA CRUZ CO.—CONST. FELTON BRIDGE—(County)**

SANTA CRUZ COUNTY, Calif.—Leo Cardwell Const. Co., 530 Pacific Ave., Santa Cruz, at \$34,010.00 submitted low bid and was awarded contract by the Santa Cruz County Board of Supervisors, H. E. Miller, Chief Clerk, Court House, Santa Cruz, for the construction of Felton Bridge, a reinforced concrete bridge over San Lorenz River, Santa Cruz County.

- Work involves:
- 1 750 c.y. struc. excavation (dry) without classification, including clearing and grubbing;
  - 2 220 c.y. struc. excavation (wet without classification);

- (3) 902 c.y. Class A conc., in place;
- (4) 35 c.y. Class F do.;
- (5) 186,000 lbs. reinf. steel, in place;
- (6) One only, lighting system.

- Total bids follow:
- (A) Leo Cardwell Const. Co., 530 Pacific Ave., Santa Cruz, \$34,010.
  - (B) John Rocca, San Rafael, \$35,796.00
  - (C) Carl N. Swenson Co., San Jose, \$36,401.00
  - (D) Earl W. Heple, San Jose, \$40,754.00
  - (E) Fredericksen and Watson, Oakland, \$40,974.00
  - (F) Fredericksen & Watson, Oakland, \$41,436.00.

Unit bids follow

	(A)	(B)	(C)	(D)	(E)	(F)
1.....	\$ 1.50	\$ 1.50	\$ 3.25	\$ 2.50	\$ 2.40	\$ 1.50
2.....	8.00	6.00	5.50	6.00	4.00	6.75
3.....	20.00	23.00	22.50	27.00	27.00	27.50
4.....	11.00	50.00	50.00	60.00	60.00	55.00
5.....	.06	.055	.055	.055	.06	.061
6.....	600.00	700.00	611.00	1000.00	800.00	825.00

CALAVERAS COUNTY—GRADING—(State)

CALAVERAS CO., Calif.—Mountain Construction Co., 1846 37th St., Sacramento, at \$133,167.45, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and applying liquid asphalt to 6.1 miles between two and one-half miles east of Valley Springs and San Andreas, Calaveras County.

Work involves.

- (1) 310 sta. clear and grub right-of-way;
- (2) 4,500 M. gats. water;
- (3) 175,000 c.y. rdwy. excav., unclas.
- (4) 3,500 c.y. struc. excav.;
- (5) 2,400 c.y. ditch and channel excavation;
- (6) 465,000 sta. yds. overhaul.

- (7) 310 sta. finishing rdwy.;
- (8) 4,750 c.y. salvaged surf.;
- (9) 7,500 c.y. imported gravel;
- (10) 29,000 sq. yds. preparing, mixing and shaping roadway;
- (11) 120 tons liquid asphalt, SC-3 or SC-4 road mix surf. treatment;
- (12) 60 tons liquid asph., SC-2 prime coat and penetration oil treatment;
- (13) 155 c.y. Class A Portland cement concrete struc.;
- (14) 11,000 lbs. bar reinf. steel;
- (15) 925 c.y. light riprap;
- (16) 4,300 sq. yds. ditch lining;
- (17) 57 tons sand penetration oil treatment;
- (18) 1,000 l.f. 6-in. perf. metal pipe;
- (19) 170 c.y. rock filling material;
- (20) 4 c.y. rubble masonry;

- (21) 708 l.f. 8-in. CMP;
- (22) 26 l.f. 12-in. do;
- (23) 1,990 l.f. 18-in. do;
- (24) 436 l.f. 24-in. do;
- (25) 90 l.f. 30-in. do;
- (26) 84 l.f. 36-in. do;
- (27) 294 l.f. 48-in. do;
- (28) 20 each spillway assemblies;
- (29) 301 l.f. remove and salvage existing pipe culverts;
- (30) 224 l.f. remove, clean and relay existing pipe culverts;
- (31) 12 c.y. concrete markers;
- (32) 75 each culvert markers and guide posts;
- (33) 12 miles new property fence;
- (34) 35 each drive gates;
- (35) 6 each walk gates;
- (36) 100 each monuments;
- (37) 1 lot misc. items of work.

Total bids follow:

(A) Mountain Constr. Co., 1846 37th St., Sacramento.....	\$133,167.45
(B) Hemstreet & Bell, Marysville.....	137,381.70
(C) D. W. Thurston, Los Angeles.....	139,011.50
(D) Larsen Bros. and Harms Bros., Sacramento.....	139,219.80
(E) Louis Biasotti & Son, Stockton.....	129,915.50
(F) Earl W. Heple, San Jose.....	140,608.70
(G) George Pollock, Sacramento.....	141,487.65
(H) Claude C. Wood, Stockton.....	142,547.80
(I) Young & Son Co., Ltd., Berkeley.....	146,380.15
(J) Bodenhamer Constr. Co., Oakland.....	154,800.30
(K) Healey-Moore and Fredrickson and Watson Constr. Co., and Fredrickson Bros., Oakland.....	157,372.63
(L) Piombo Bros. & Co., San Francisco.....	171,701.20
(M) J. R. Reeves, Sacramento.....	174,586.35

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1).....	\$19.00	\$12.50	\$10.00	\$10.00	\$20.00	\$50.00	\$30.00	\$15.00	\$20.00	\$15.00	\$15.00	\$20.00	\$15.00
(2).....	1.00	1.25	1.50	1.50	1.00	1.00	1.50	1.00	1.25	1.25	1.25	1.50	2.00
(3).....	.40	.43	.43	.39	.47	.36	.36	.43	.48	.50	.54	.60	.59
(4).....	1.50	1.50	1.50	2.00	1.50	2.00	1.50	2.00	1.35	1.25	1.80	1.25	2.50
(5).....	1.00	1.00	1.00	1.00	1.00	.70	.75	1.00	1.00	1.00	1.08	1.00	.70
(6).....	.005	.0075	.005	.01	.005	.005	.01	.01	.005	.015	.0075	.01	.01
(7).....	5.00	5.00	6.50	8.00	7.00	25.00	10.00	5.00	6.50	12.00	8.50	5.00	6.00
(8).....	.85	.40	.65	1.00	.50	1.00	.80	.50	.50	.80	.44	.50	.80
(9).....	.85	1.00	.95	1.25	.75	1.00	.95	1.00	.60	.65	.63	1.00	.70
(10).....	.06	.045	.05	.05	.06	.07	.08	.06	.065	.12	.05	.10	.07
(11).....	17.00	15.60	16.50	20.00	17.00	15.00	17.00	17.00	17.15	18.00	17.00	20.00	16.00
(12).....	18.00	15.00	16.75	20.00	15.00	13.00	17.00	16.00	15.30	12.00	15.30	20.00	15.00
(13).....	26.00	30.00	26.00	28.00	25.00	20.00	30.00	27.00	26.50	30.00	26.00	25.00	30.00
(14).....	.06	.06	.07	.07	.065	.06	.08	.07	.07	.07	.08	.06	.07
(15).....	4.50	3.00	5.00	4.00	3.00	4.00	8.00	5.00	7.10	4.00	6.00	2.00	6.00
(16).....	1.00	1.50	1.20	1.00	.50	.60	1.00	1.00	.80	1.00	.60	.50	.50
(17).....	4.00	3.00	5.00	3.00	3.00	3.00	4.00	3.00	3.50	1.40	3.60	3.00	2.25
(18).....	.25	.20	.20	.20	.20	.30	.25	.40	.25	.60	.18	.50	.30
(19).....	4.00	2.00	2.50	3.00	4.00	2.50	4.00	3.00	2.00	2.50	3.60	1.00	4.00
(20).....	20.00	20.00	20.00	25.00	15.00	12.00	20.00	15.00	15.00	20.00	15.00	10.00	15.00
(21).....	.35	.20	.20	.25	.25	.40	.30	.40	.25	.25	.21	.50	.30
(22).....	.40	.30	.25	.30	.35	.50	.40	.40	.25	.35	.25	.70	.40
(23).....	.40	.30	.40	.40	.45	.50	.50	.50	.40	.50	.33	1.00	.40
(24).....	.50	.40	.50	.50	.65	.75	.60	.60	.50	.60	.47	1.00	.50
(25).....	.75	.60	.70	.60	.85	1.00	.75	1.00	.70	.80	.60	1.00	.60
(26).....	1.00	.60	.50	.75	.90	1.50	1.00	1.50	.95	1.00	.75	1.50	.70
(27).....	1.50	1.50	1.00	1.00	1.50	1.75	1.25	2.50	1.75	1.70	.87	1.50	.75
(28).....	10.00	5.00	6.00	6.00	5.00	5.00	8.00	7.50	5.00	10.00	9.00	5.00	5.00
(29).....	.75	.50	1.00	.50	.50	1.00	.75	1.00	.50	1.00	.80	1.00	1.00
(30).....	1.00	.75	1.00	1.00	.60	1.25	1.00	1.00	.90	2.25	1.20	1.50	1.50
(31).....	5.00	7.50	5.00	10.00	5.00	10.00	7.00	5.00	4.00	6.00	8.00	4.00	3.00
(32).....	3.00	2.50	2.50	4.00	2.50	3.00	3.50	3.00	2.65	2.00	2.25	3.00	2.00
(33).....	600.00	650.00	600.00	600.00	600.00	500.00	650.00	650.00	650.00	400.00	650.00	700.00	700.00
(34).....	20.00	20.00	20.00	20.00	24.00	20.00	20.00	20.00	18.00	25.00	25.00	20.00	20.00
(35).....	15.00	10.00	10.00	20.00	14.00	15.00	10.00	8.00	6.00	15.00	18.00	20.00	15.00
(36).....	3.00	3.00	2.50	4.00	3.00	3.00	3.50	3.00	3.00	3.00	3.00	3.00	3.00
(37).....	500.00	200.00	1000.00	500.00	500.00	500.00	1000.00	600.00	300.00	450.00	500.00	1000.00	500.00

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for miscellaneous supplies and materials, as follows:  
SCH. 1853—27,000 lbs. slab zinc (spelter), for eastern or western yards, Oct. 19.

SCH. 1827—40,000 lbs. hydrochloric acid, for Mare Island, Oct. 22.

SCH. 1855—1,000 ft. electric cable, for Mare Island, Oct. 28.

SCH. 1795—Wire rope and seizing strand, for eastern or western yards, Oct. 19.

SCH. 1878—40 electric ventilating fans and spares, for Mare Island, Oct. 26.

SCH. 1822—2 gasoline engine driven industrial tractors, for eastern or western yards, Oct. 22.

SCH. 1850—Radiant electric heaters and spares for eastern and western yards, Oct. 26.

SCH. 1809—Transformers, single phase, natural draft ventilation, for eastern and western yards, Oct. 19.

SCH. 1838—Ventilating electric fans and spares, for eastern and western yards, Oct. 26.

SCH. 1840—Steel sheets, plates, shapes and bars, for eastern and western yards, Oct. 19.

SCH. 1880—25,000 lbs. cotton wiping cloths, for Portsmouth; 100,000 do., San Diego; 250,000 lbs. do., Mare Island, eastern and western yards, Oct. 26.

SCH. 1874—7,000 sq. ft. copper-nickel alloy wire cloth, for Mare Island, Oct. 26.

SCH. 1873—3 gate valves, for eastern or western yard, Oct. 26.

SCH. 1881—One concrete mixer, for eastern or western yards, Oct. 26.

## WAR DEPARTMENT

FORT MASON, Calif.: Until October 16th, 10:00 a.m., bids will be received by the Quartermaster Supply Depot, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-104, for furnishing 150 gallons ready mixed paint, f.o.b. Rockwell Air Depot, San Diego, Calif.

FORT LEWIS, Washington: Until October 21st, 10:00 a.m., bids will be received by the Contracting Officer, Quartermaster Corps, Fort Lewis, Washington, under Bid No. 458-38-11, for furnishing cement, gauges, valves, lumber and electric motor, f.o.b. shipping point.

SACRAMENTO, Calif.—Until October 22, 3:00 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, under Bid No. 1105-38-103, for furnishing Thread edging machine, thread edging paper and thread edging linen thread, f.o.b. Sacramento, Calif.

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials, as follows:  
October 15, 3:00 P.M.

FORT MASON, Calif.—Until Oct. 27, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-105, for 5,000 lb. l.m. of misc. lumber and cloth table covers, f.o.b. Fort Mason.  
Specifications obtainable from the above office.

SAN FRANCISCO—Until Oct. 18, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-38-49, for furnishing one 4-door, five-passenger automobile; f.o.b. bidder's selection.

SACRAMENTO, Calif.—Bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

October 19, 3 P. M.

BID NO. 1105-38-99—Douglas fir lumber of various sizes; f.o.b. Rio Vista

October 20, 3 P. M.

BID NO. 1105-38-100—Misc. pipe and hangers; f.o.b. Rio Vista.

BID NO. 1105-38-101—Grinding compound, flange lights, screws and strap hanger; f.o.b. Rio Vista.

## CANAL ZONE

PANAMA CANAL—Until Oct. 19, 10:30 A. M., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., under Schedule No. 3292, for furnishing sheet-metal machine and tools, insulated wire, structural steel, asphalt, turpentine, kerosene, etc., f.o.b. Cristobal or Colon, C. Z.

## TREASURY DEPARTMENT

SAN FRANCISCO, Cal.—Until October 19, 10:00 a.m., bids will be received by the U. S. Treasury Dept., J. W. Egan, Procurement Officer, Room 518, 9th Street, San Francisco, under Bid No. 1579, for the rental of one truck capable of excavating to a depth of 14 ft. 6 in., depth 12 inches, f.o.b. The site for the construction of a collecting sewage system at San Francisco, Calif.

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 9th Street, San Francisco, for furnishing materials and rental of equipment, as follows:

October 19, 10:00 A.M.

BID NO. 4568—Steel trusses, f.o.b. Fresno Municipal Airport, Fresno.

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 9th Street, San Francisco, for furnishing supplies and materials, as follows:

October 18, 10:00 A.M.

BID NO. 4573—41,250 FEM Douglas fir lumber, f.o.b. Jobsite, Oil Pier, Outer Harbor Terminal, Oakland. Alternate delivery, f.o.b. cars at mill.

BID NO. 4576—600 lin. ft. steel, galv. pipe and 3 gate valves, f.o.b. Hayward Union High School, Hayward, Calif.

October 20, 10:00 A.M.

BID NO. 4578—2400 hn. ft. clay sewer pipe and 60 clay sewer tees, f.o.b. San Francisco Airport, San Mateo County.

BID NO. 4580—450 trees, f.o.b. Lakeside Park Tool House, Oakland.

October 22, 10:00 A.M.

BID NO. 4575—Brass valves, sleeves, sprinkler heads, screws and springs, f.o.b. City Nursery, 6th and Empire Sts., San Jose, Calif.

## CONCHAS DAM

CONCHAS DAM, N. M.—Until October 20, 11:00 A. M., bids will be received by U. S. Engineer, Conchas Dam, N. M., for 1000 ft. 1½-in. cotton, rubber-lined, fire hose, with couplings, f.o.b. Newkirk, N. M. Invitation No. W 911-38-45. Specifications are on file for examination at office of Southwest Builder and Contractor, 188 Hill Street, Los Angeles.

CONCHAS DAM, N. M.—Until October 21, 11:00 A. M., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for furnishing f.o.b. contractor's plant or shipping point, the following:

(1) 2 tamping rollers.

(2) one plain roller.

Invitation No. W 911-44.

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## IN THIS ISSUE



Low Bids Total \$428,440  
on Utilities Pipelines

♦ ♦ ♦ ♦


*Lord & Bishop Low on Dry Creek Span*

♦ ♦ ♦ ♦

Building Permits, Advance Reports  
of Building and Engineering  
Projects



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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., OCTOBER 23, 1937

No. 40

## LORD & BISHOP LOW BIDDERS ON DRY CREEK SPAN

**Bidding Close; Basich Bros.  
Low on Inyo Grading,  
Surfacing**

SACRAMENTO, Oct. 20.—Lord & Bishop, Sacramento, and Basich Bros., Los Angeles, today submitted low bids to the State Highway Commission on two contracts for work in San Joaquin, Sacramento and Los Angeles counties.

Lord & Bishop's grand total of \$66,602 was the lowest proposal received for construction of two reinforced concrete slab bridges across Dry Creek about one mile east of Galt, in San Joaquin and Sacramento counties.

The total is a combination of the firm's sub-total of \$52,652.50 and a proposal of \$15,949.50 on the alternative items calling for 7350 feet of cast-in-place concrete piles of the type not requiring mandrel, and driving 147 steel shells not requiring mandrels.

Campbell Construction Co., Sacramento, submitted a lower sub-total at \$51,298.50, and John Rocca's sub-total of \$52,237.50 also was lower than that submitted by Lord & Bishop. The addition of prices for alternative items submitted by these firms, however, would bring their grand totals above that of Lord & Bishop. Eleven bids in all were submitted for the bridge contract.

For grading and surfacing about seven and four-tenths miles in Inyo county, between Diaz Lake and Alabama Gates, Basich Bros. submitted a low bid of \$70,631.30.

### Oswald Bros. Second

Second and third low bidders, respectively, on the Inyo county project, were Oswald Bros., Los Angeles, at \$83,357.30; and Claude C. Wood, Stockton, at \$89,269.

A bidding range of more than \$70,000 was represented in the eight proposals received by the commission on the grading and surfacing job. High bidder was C. O. Sparks & Mundo Engineering Corp., Los Angeles, with a figure of \$141,468.90.

## Williams Bros. & Haas, Macco-Robertson Bid Utilities Commission Pipe Projects

Williams Brothers and Haas, Inc., at \$214,820.15, and Macco-Robertson, Ltd., at \$213,620, yesterday submitted low bids to the San Francisco Public Utilities Commission for laying the Sunset discharge main and constructing the Palo Alto pipeline, respectively.

The two contracts attracted a total of seventeen bids. Ten bids were submitted for construction of the Palo Alto pipeline, and seven for laying the Sunset discharge main.

Second lowest bidder on the contract for laying the 60-inch steel discharge main for the new Sunset Reservoir was Sibley Grading and Teaming Company, at \$219,840.25.

### Other Bidders

Other bidders were: MacDonald and Kahn Company, Ltd., at \$225,347.80; Barrett and Hilp, at \$228,829; Macco-Robertson, Ltd., low bidder on the Palo Alto pipeline, at \$230,954.50; Piombo Brothers, at \$235,261; and R. G. Clifford, at \$242,935.65.

The low bid of Macco-Robertson, Inc., on the Palo Alto pipeline job was less than \$3000 lower than Williams Brothers and Haas' second lowest bid of \$216,263.38. Third lowest bidder was Payton Brothers, at \$220,606.60.

Other bidders were: M. J. Lynch, at \$224,442; MacDonald and Kahn Company, Ltd., at \$259,952; R. G. Clifford, at \$268,700.20; S. D. Bechtel, at \$269,840; Union Paving Company, \$281,202.50; Lindgren and Swinerton, Inc., at \$303,147; and Eaton and Smith, at \$353,315.

### Pipe Prices Vary

It was noted that Williams Brothers and Haas, low bidders on the discharge main contract, submitted the highest figure on the principal unit, involving the fabrication, lining and coating of 9570 lineal feet of 60-inch steel pipe with single standard wrapping. Their price was \$14.28 per lineal foot. Other bids on the same unit were: Sibley Grading and Teaming, \$12.95; R. G. Clifford and MacDonald and Kahn Company, Ltd., \$13.65; Piombo Brothers and Barrett and Hilp, \$14; and Macco-Robertson, Ltd., \$13.85.

Director William H. Worden of the San Francisco Department of Public Works opened no formal bids at the meeting of the department yesterday.

Bids were called, to be opened November 3, for painting the Third Street Bridge over the Channel street waterway. The work is estimated to cost approximately \$2900.

### Contracts Awarded

Three contracts were awarded. To the Fay Improvement Company went the contract for the improvement of Twenty-ninth avenue between Pacheco and Quintara streets, at the bid price of \$19,337.29. The same company was awarded the contract for reconstructing Clarence Place northerly from Townsend street, at \$1651.

The J. W. Bender Roofing and Paving Company, at \$136, submitted the lowest bid for laying a tar and gravel roof over concrete slab on the Roosevelt Junior High School cafeteria. Second lowest bidder was the firm of Malott and Peterson, at \$158.

## Fresno Exchange Elects Officers

Charles G. Connors, president of Kyle & Co., this week took office as president of the Fresno Builders Exchange, following his election at the annual membership meeting. He succeeds J. M. Brown who served for two years as president.

Harry Cayford, secretary-manager of the Fresno exchange for the past ten years, was re-elected. Other officers elected include J. C. Ferger, vice-president; M. W. Hancock, re-elected treasurer.

New directors are J. M. Brown, T. C. Irwin, Joseph Masi, Charles W. Stewart, H. G. Rohr, T. A. Osborne, B. A. Newman and T. H. Curry.

## STATE INVITES BIDS ON SPANS, GRADING, PAVING

### Four Contracts Authorized for Advertising by Highway Commission

SACRAMENTO, Oct. 19.—Four State Division of Highways contracts, three for work in Northern California and one for a Southern California paving job, were authorized for advertising today by the State Highway Commission.

Bids on the Northern California work will be opened in Sacramento November 10, and on the remaining contract November 12 in Los Angeles.

Contracts placed on the market today involve work in the following counties:

**Sutter**—Grading and surfacing with plant-mixed surfacing (medium curing type) on crusher run base about four and seven-tenths miles. The project is located between Tarke and one mile south of Sutter City. Bids will be opened in Sacramento November 10.

**Mendocino**—Construction of a reinforced concrete girder bridge across Elk Creek about 15 miles north of Point Arena. The bridge will consist of one 50-foot span and two 35-foot spans on concrete piers and abutments with pile foundations. Work also includes grading and applying penetration oil treatment to about three-tenths of a mile of highway. Bids will be opened November 10 in Sacramento.

**Mendocino**—Construction of a reinforced concrete bridge across Jughandle Creek about five miles south of Fort Bragg. This bridge will consist of 16 slab spans having a total length of 388 feet. Spans will be supported by an open spandrel arch and concrete bents. Grading and applying asphalt treatment to about three-tenths of a mile of highway also is included in the contract, for which proposals will be received in Sacramento November 10.

**Los Angeles**—Grading and paving with Portland cement concrete and plant-mixed surfacing about one and two-tenths miles of highway. Location of the project is between Valley Boulevard and Las Tunas drive. Bids will be opened November 12 at the office of the State Highway Engineer in Los Angeles.

### MOHRDICK ELEC. CO. TAKES NEW QUARTERS

In order to better serve their customers, Mohrdick Electric Co., formerly located at 439 Clementina Street, has taken new and larger quarters at 947 Folsom Street. The new telephone number is EXbrook 7021.

Lack of space and the need of a more prominent location are given as the principal reasons for the move, by the Mohrdick Electric Company.

## Oakland Chamber Sees Intensive East Bay Building Activity; Survey Report Issued

An era of building activity, as intensive as that of 1922, is forecast for Metropolitan Oakland by Chamber of Commerce officials.

The prediction was drawn from a report issued by the Research and Statistical Department of the Oakland Chamber covering the first nine month period of 1937.

Fifteen years ago, when the last building boom was starting, there were 73,381 water meters installed in metropolitan Oakland, of which 71,500, or 97.6 per cent, were in use. Today there are 133,495 water meters installed in metropolitan Oakland and 130,385, or 97.67 per cent, are in use.

It was pointed out that only 2.33 per cent of all the usable buildings in metropolitan Oakland are vacant and that 8747 more buildings, of all types, are occupied now than were occupied in 1937. This occupancy is at the rate of 2918 structures each year.

### New Families Gain

The increase in the number of new families arriving in metropolitan Oakland during the first nine months of 1937, as compared with the same period a year ago, further substantiates the new building era forecast, according to the chamber.

During the 1937 period 1224 new families arrived in metropolitan Oakland to make their home, as compared with 825 for the same period a year ago.

Of the number arriving here this year, 388 families were from out of the state and 836 were from other cities in California. During 1936, 230 came to metropolitan Oakland from other states and 595 were from other California cities.

The nine months' report further reveals that there has been an increase of 4.1 per cent in advertising lineage over the same period of last year and that air transport passenger travel at the Oakland airport has risen 6 per cent during the time.

### Building Permits Up

Bank debts have increased 17.4 per cent and the value of residential building permits in Oakland has climbed from \$2,583,467 to \$3,356,789. During the same period the number of permits issued increased 38.7 per cent.

Business failures have decreased 11.9 per cent. Carloads of freight moved in and out of Oakland switching district gained 15.1 per cent and express shipments handled in the Oakland district show an increase of 6.9 per cent.

The number of persons employed in metropolitan Oakland factories has increased 15.9 per cent over last year and the amount of payroll has gained 40.3 per cent during the same period of time.

### Incoming Cargo

Incoming cargo in the harbor shows a gain of 5.4 per cent, with the total incoming and outgoing activity increasing 2 per cent during the nine-month period.

### POURING COMPLETE AT O'SHAUGHNESSY

The San Francisco Public Utilities Commission this week announced that pouring of concrete on the \$4,300,000 project involving raising O'Shaughnessy dam has been completed.

An annual increase in revenue of \$225,000 is expected to result from the increased storage capacity of the dam made possible by raising the structure from 344 to 430 feet. Utilities officials said. Raising the dam has resulted in an increased storage capacity of fifty billion gallons, from 67 to 117 billion gallons, a gain of seventy per cent.

## Start Revised Study Of Drainage Basins

WASHINGTON, D. C., Oct. 18.—Forty-five drainage basin committees, composed of members designated by governors and chairmen of state planning boards, together with field representatives of federal agencies, have begun a revision of the Report on Drainage Basin Problems and Programs submitted by the National Resources Committee at the close of 1936.

These drainage basin committees covering the whole country, have been organized through the regional offices of the National Resources Committee, and their reports will be co-ordinated by the Water Resources Committee in Washington.

Meeting of the drainage basin committees have already begun and will continue during the next six weeks.

During September, this year there was an increase of 4.2 per cent over the same month a year ago in the number of new business firms locating in metropolitan Oakland. Post office receipts gained 13.4 per cent this year over last and realty transfers show an increase of 10.6 per cent. A gain of 5 per cent in retail trade in Oakland department stores is shown in the report.

Street car and motor coach passengers increased 1.9 per cent during the nine-month period and telephone stations in service in metropolitan Oakland continue to show a monthly gain of 9 per cent over the same month a year ago.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
992	Brown	Unit Constr.	3800
993-95	Doelger	Owner	3500
996	Garibaldi	Warren	2700
997	De Ghetaldi	Sandow	6000
998	Griffin	Owner	7000
999	Moschioni	Elkington	1850
1000	Olson	Gen. Calif.	2950
1004	Standard	Owner	3500
1005	Wm. Taylor	Lindgren	20,000
6	Baker	Wagner	3000
7	Styis	Owner	3100
8	Young	Royal	1975
982	Bernhardt	Cowen	4000
983	Eastman	Owner	1500
984	Harband	Akard	8500
985	Johnson	Owner	4000
986	Mills	Owner	4000
987	Morris	Owner	4000
988	Sperry	Ostlund	4000
989	Stanford	Wagner	2500
990	Stonson	Owner	5500
9	Buchanan	Monson	1500
10	Demanio	Lindgren	2000
11	Biagi	Woodcraft	1000
12-13	Koblin	Silva	4000
14	Metro	Michael	1400
15	Mortola	Rousseau	9000
16	Pac. T. & T.	Collman	7760
17	Roche	Papehausen	3000
18	Sweetzer	Ragni	3500
19	Tomlin	Owner	3750
20	Velente	Fracchia	1800
21-2	Christensen	Owner	7000
23	Clarke	Prout	8000
24	Dray	Owner	4500
25	Duerner	Owner	5000
26-8	Meyer	Owner	5000
29	Tide Water	Owner	3500

**DWELLING**  
 (952) E. PACHECO, 293 N CASTE-  
 NADA. One-story and basement  
 frame dwelling.  
 Owner—Albert Bernhardt, 924 Tara-  
 val St.  
 Contractor—Bernhardt & Cowen 924  
 Taraval.  
 Architect—D. E. Jaekle, 126 Post St.  
 \$4000

**SHOP**  
 (953) NW MISSISSIPPI AND MAR-  
 IPOSA. One-story frame shop.  
 Owner—Gec. F. Eastman, 606 Church  
 St.  
 Architect—Not Given. \$1500

**FACTORY**  
 (954) W. 6TH ST., 125 S HARRI-  
 SON. One-story Class C factory.  
 Owner—Julius Harband, c/o Con-  
 tractor.  
 Contractor—W. C. Akard, 225 Cer-  
 vantes.  
 Engineer—Hymen Rosenthal, 76 6th  
 Ave. \$5500

**DWELLING**  
 (955) SE 17TH AVE AND VI-  
 CENTE ST. One-story and  
 basement frame dwelling.  
 Owner—S. F. Johnson, 600 Wawona.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (956) MILLS BLDG. Alter office.  
 Owner—Mills Estate, Inc., Prem.  
 Architect—Not Given. \$5000

**DWELLING**  
 (957) W. 30TH AVE., 280 S OF  
 VICENTE. One-story and base-  
 ment frame dwelling.  
 Owner—Gordon W. Morris, 95 Pine-  
 hurst Way  
 Architect—D. E. Jaekle, 126 Post St.  
 \$4000

**ALTERATIONS**  
 (988) 180 NEW MONTGOMERY ST.  
 Alter office.  
 Owner—Sperry Flour Co., c/o Con-  
 tractor.  
 Contractor—Ostlund & Johnson, 1901-  
 1905 Bryant St.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (989) E. WEBSTER, BET. CLAY &  
 SACRAMENTO. Alter labora-  
 tory.  
 Owner—Stanford University, Stan-  
 ford Hospital.  
 Contractor—Geo. Wagner, 181 South  
 Park.  
 Architect—Arthur Brown et al, 251  
 Kearny St.  
 Engineer—F. Hall, 251 Kearny St.  
 \$2500

**DWELLING**  
 (990) W. BEACHMONT DR., 136 S  
 SLOAT BLVD. Two-story and  
 basement frame dwelling.  
 Owner—Stonson Bros., 1 Sloat Blvd.  
 Architect—Harold Stoner, 35 Vicente  
 St. \$5500

**DWELLING**  
 (991) W. LAGUNITAS DR., 189 S  
 SLOAT BLVD. Two-story and  
 basement frame dwelling.  
 Owner—Stonson Bros., 1 Sloat Blvd.  
 Architect—Harold Stoner, 35 Vicente  
 St. \$5500

(992) E 4TH AVE., 225 N RIVERA.  
 One-story and base frame dwell-  
 ing.  
 Owner—Marvin M. Brown, c-o Const.  
 Contractor—Unit Const. Co., 551 Mar-  
 ket Street.  
 Architect—Not given. \$3800

**DWELLING**  
 (993) W 18TH AVE., 350 N NOREI-  
 GA. One-story and base frame  
 dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320  
 Judah St.  
 Contractor—Not given. \$3500

**DWELLING**  
 (994) W 18TH AVE 300 N NOREI-  
 GA. One-story and base frame  
 dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320  
 Judah St.  
 Contractor—Not given. \$3500

**DWELLING**  
 (995) W 18TH AVE. 325 N NOREI-  
 GA. One-story and base frame  
 dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320  
 Judah St.  
 Contractor—Not given. \$3500

**DWELLING**  
 (996) E DELANO. 50 N ONEIDA.  
 One-story base frame dwelling.  
 Owner—G. Garibaldi, 455 Delano.  
 Contractor—W. Warren, 614 Hanover  
 Street.  
 Contractor—Not given. \$2700

**DWELLING**  
 (997) N DORANTES, 200 W SAN  
 MARCOS. One-story and base  
 frame dwelling.  
 Owner—Fernando De Ghetaldi, 1641  
 Page St.  
 Contractor—Harry L. Sandow, 2022  
 18th Ave.  
 Engineer—A. V. Sath, Jr., Rialto  
 Bldg. \$6000

**DWELLING**  
 (998) S CABRILLO, 105 E 19TH  
 AVE. Two-story and base frame  
 dwelling.

Owner—Mary Griffin, 2091 19th Ave  
 Architect—Not given. \$7000

**ALTERATIONS**  
 (999) 3114 FRANKLIN ST. Alter  
 dwelling.  
 Owner—J. Moschini, prem.  
 Contractor—G. J. Elkington, Jr., 33  
 Sutro Heights Ave.  
 Architect—Not given. \$1950

**DWELLING**  
 (1000) N NEWMAN, 125 E BEN-  
 NINGTON. One-story and base  
 frame dwelling.  
 Owner—David Olson, 3579 Mission St.  
 Contractor—Central Calif. Const. Co.,  
 115 Burrows St.  
 Architect—Not given. \$2950

**DWELLING**  
 (1) W 27TH AVE. 50 S KIRKHAM.  
 One-story and base frame dwell-  
 ing.  
 Owner—Standard Building Co., 1500  
 Judah St.  
 Architect—Not given. \$3500

**DWELLING**  
 (2) W 27TH AVE. 75 S KIRKHAM.  
 One-story and base frame dwell-  
 ing.  
 Owner—Standard Building Co., 1500  
 Judah St.  
 Architect—Not given. \$3500

**DWELLING**  
 (3) W 27TH AVE. 25 S KIRKHAM.  
 One-story and base frame dwell-  
 ing.  
 Owner—Standard Building Co., 1500  
 Judah St.  
 Architect—Not given. \$3500

**DWELLING**  
 (4) W 27TH AVE. 125 S KIRKHAM.  
 One-story and base frame dwell-  
 ing.  
 Owner—Standard Building Co., 1500  
 Judah St.  
 Architect—Not given. \$3500

**ALTERATIONS**  
 (5) NW McALLISTER and LEA-  
 VENWORTH. Alter hotel.  
 Owner—William Taylor Hotel Corp.,  
 c-o Const.  
 Contractor—Lindgren & Swinerton,  
 Inc., 225 Bush St.  
 Architects—D. D. Stone, 381 Bush St.  
 and Hertzka & Knowles, 369 Pine  
 Street. \$20,000

**DWELLING**  
 (6) E FAXON, 175 N LAKEVIEW.  
 One-story and base frame dwell-  
 ing.  
 Owner—L. O. Baker, 1341 Plymouth.  
 Contractor—R. Wagner, 115 Eastwood  
 Drive.  
 Architect—Not given. \$3000

**DWELLING**  
 (7) S 26TH St., 106 E. DOUGLAS.  
 One-story and base frame dwell-  
 ing.  
 Owner—Vteur Styls 1381 26th St.  
 Architect—Not given. \$3100

**ALTERATION**  
 (8) 410 MISSION ST. Alter restau-  
 rant.  
 Owner—Arthur Young, prem.  
 Contractor—Royal Show Case Co.,  
 770 McAllister St.  
 Architect—Not given. \$1075

**ALTERATIONS**  
 (9) 131 JACKSON ST. Alter ap'  
 house.  
 Owner—Maggie E. Buchanan, Prem.  
 Contractor—Monson Bros., 475 9th St.

Engineer—C. Jefferson Sly, Charleston Bldg. \$1500

## STORE

(10) N. IRVING, 30 W 15TH AVE. One-story frame store.  
Owner—M. Demanlo, College & Mission Sts.  
Contractor—A. C. Lindgren, 346 Lowell St.  
Plans by D. E. Jaekle, 126 Post St. \$2000

## ALTERATIONS

(11) 536-A BROADWAY. Alter restaurant.  
Owner—M. Blagi, Prem.  
Contractor—Woodcraft Mfg. Co., 45 Hallam St.  
Architect—Not Given. \$1000

## DWELLING

(12) S. SILVER AVE., 65 NE OF BOWDOIN. One-story and basement frame dwelling.  
Owner—John Koblin, 1230 Silver Ave.  
Contractor—Anthony Silva, 284 Sweeney.  
Architect—Not Given. \$4000

## DWELLING

(13) S. SILVER AVE., 115 NE OF BOWDOIN. One-story and basement frame dwelling.  
Owner—John Koblin, 1230 Silver Ave.  
Contractor—John Silva, 284 Sweeney.  
Architect—Not Given. \$4000

## ALTERATIONS

(14) 301 JERSEY ST. Alter dwelling.  
Owner—E. W. Metro, Prem.  
Contractor—Michael & Bomerer, 762 De Haro St.  
Architect—Not Given. \$1400

## FLATS

(15) N. BEACH, 162 E. BRODERICK. Two 2-story frame flats.  
Owner—A. P. Mortola, 64 Mallorca Way.  
Contractor—Oliver Rousseau, 321 Kearny St.  
Architect—Not Given. \$9000

## ALTERATIONS

(16) RUSSIA AVE., NEAR MISSION ST. Alter building.  
Owner—Pac. Tel. & Tel. Co., 140 New Montgomery St.  
Contractor—A. D. Colman, 666 Mission St.  
Architect—Not Given. \$7760

## ALTERATIONS

(17) 315 SANTA CLARA AVE. Alter dwelling.  
Owner—Theo. H. Roche, Prem.  
Contractor—H. Papenhausen, 595 Victoria St.  
Architect—Masten & Hurd, 233 Post St. \$300

## ALTERATIONS

(18) HAMILTON AND SILLIMAN. Alter dwelling.  
Owner—L. Sweitzer, 54 Hamilton St.  
Contractor—Joseph Ragnl, 134 Acton St.  
Architect—Not Given. \$3500

## DWELLING

(19) W. ATHENS, 275 S FRANCE. One-story and basement frame dwelling.  
Owner—Francis Tomlin, 418 Munich  
Architect—Not Given. \$3750

## ALTERATIONS

(20) 4810 MISSION ST. Alter funeral parlors.  
Owner—Velente, Marini & Parente, Inc., Prem.  
Contractor—Frachia & Truffelli, 1165 Clay St.  
Architect—Farr & Ward, 88 Post St. \$1800

## FLATS

(21) E. 21ST AVE., 25 S JUDAH ST. Two-story and basement frame flats.  
Owner—Herman Christensen, 1801 19th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$7000

## FLATS

(22) E. 21ST AVE., 50 S JUDAH ST. Two-story and basement frame flats.  
Owner—Herman Christensen, 1801 19th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$7000

## DWELLING

(23) W. SANTA PAULA, 100 S OF YERBA BUENA. Two-story and basement frame dwelling.  
Owner—R. A. Clarke, c/o Contractor.  
Contractor—J. Prout, 2530 Fillmore St.  
Architect—W. G. Merchant, 406 Russ Bldg. \$8000

## ALTERATIONS

(24) 2525 FILLMORE ST. Alter dwelling.  
Owner—Frank R. Dray, 2724 Pacific Ave.  
Architect—Not Given. \$4500

## DWELLING

(25) NE TENTH AND ORTEGA. One-story and basement frame dwelling.  
Owner—James C. Duerner, 420 Hanover St.  
Architect—Not Given. \$5000

## DWELLING

(26) NW MIRALOMA DR., 778 SW PORTOLA DR. Two-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$5000

## DWELLING

(27) NW MIRALOMA DR., 728 SW PORTOLA DR. Two-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$5000

## DWELLING

(28) SW TERESITA, 83 NW REPOSA WAY. One-story and basement frame dwelling.  
Owner—Meyer Bros., 735 Portola Dr.  
Architect—Not Given. \$5000

## ALTERATIONS

(29) SE EL DORADO AND ILLINOIS AVE. Alter warehouse.  
Owner—The Water Assoc. Oil Co., 79 New Montgomery.  
Architect—Not Given. \$3500

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
No.	Owner	Contractor	Amt.
856	Foreman	Owner	1000
857	Boorman	Owner	2000
858	Keen	Haller	5000
859	Watson	Casqueiro	3000
860	Wishecropp	Owner	1300
861	Allison	Muller	2200
862	Dinelli	Owner	2500
863	Lovey	Van Aalst	3200
864	Farland	Owner	1200
865	Murphy	Owner	2500
866	Southwell	Bohannon	6000
867	Anderson	Fredrickson	4500
868	Kammerer	Caskey	11000
869	Haskell	Owner	1000
870	Havward	Owner	3200
871	Hem	Taten	4000
872	Johnson	Owner	1000
873	Russo	Owner	1000
874	Assoc. Oil	Owner	3000
875	Assoc. Oil	Owner	2500
876	Assoc. Oil	Owner	1000
877	Hendrickson	Owner	3200
878	Flagg	Owner	4000

879 Gilman Owner 2675  
880 Etter Pressler 3500  
881 Gen. Elec. Bender 2000  
882 Zettel Owner 4000

## ALTERATIONS

(856) 1643 OXFORD, BERKELEY. Owner—A. M. Foraman, 1639 Oxford.  
Contractor—Owner.  
Architect—Not given. \$1000

## SHED

(857) 10035 EAST 14th ST., OAKLAND. One-story storage shed.  
Owner—A. M. Foraman — Boorman Lumber Co., Prem.  
Architect—Not given. \$2000

## DWELLING

(858) 5800 BUENA VISTA AVE., OAKLAND. One-story, 5-room dwelling.  
Owner—Leater A. Keen.  
Contractor—Paul H. Haller, 6221 Buena Vista Ave.  
Architect—Not given. \$5000

## DWELLING

(859) 7756 OUTLOOK AVE., OAKLAND. One-story, 5-room dwelling.  
Owner—K. Watson, Prem.  
Contractor—A. Casquero, 2648 78th Avenue.  
Architect—Not given. \$3000

## OFFICE

(860) 843 35TH AVE., OAKLAND. One-story brick office.  
Owner and Contractor—W. H. Wishecropp, 3041 Wisconsin St.  
Architect—Not given. \$1300

## ADDITIONS

(861) 790 SANTA BARBARA, BERKELEY.  
Owner—J. Allison, Jr. 620 Cragmont.  
Contractor—Hugo Muller, Jr. 6339 Contra Costa.  
Architect—Not given. \$2200

## ALTERATIONS

(862) 1311 TALBOT, BERKELEY. Owner and contractor—Joe Dinelli, 1121 Gilman.  
Architect—Not given. \$2500

## DWELLING

(863) 1470 CURTIS, Berkeley. One-story, 4 room frame dwelling and garage.  
Owner—M. C. Lovey, 1360 Berkeley Way.  
Contractor—W. Van Aalst, 608 16th St., Oakland.  
Architect—Not given. \$3200

## DWELLING

(864) 4551 REINHARDT DRIVE, Oakland. One-story, 3 room dwelling.  
Owner and contractor—T. M. Farland, 4545 Reinhardt Drive.  
Architect—Not given. \$1200

## DWELLING

(865) 3342 SCHOOL STREET, OAKLAND. One-story, 3 room dwelling.  
Owner and contractor—Joe Murphy, 425 S. Daisy St.  
Architect—Not given. \$2300

## DWELLING

(866) 3553 CALANDRIA AVENUE, Oakland. One-story, 6 room dwelling.  
Owner—425 S W Southwell, prem.  
Contractor—David D. Bohannon, 331 17th St.  
Architect—Not given. \$6000

## DWELLING

(867) 2026 PINWOOD RD., Oakland. One-story, 6 room dwelling.  
Owner—Ralph G. Anderson, 4131 Shafter Ave.  
Contractor—Karl S. Fredrickson, 1871 Tiffin Road.  
Architect—Not given. \$4500



**ALTERATION & ADDITION**  
 (868) 3479 PIEDMONT AVENUE, OAKLAND.  
 Owner—Hiel & Kammerer, 3479 Piedmont Avenue.  
 Contractor—H. T. Caskey, 4215 Carson Street.  
 Architect—F. H. Slocombe, 4123 Piedmont Avenue. \$1,000

**DWELLING**  
 (869) 3311 69TH AVE., OAKLAND. One-story 2-room dwelling.  
 Owner & Builder—Leonard F. Haskell, 7500 Foothill Blvd.  
 Architect—Not Given. \$1000

**DWELLING**  
 (870) 2026 100TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—C. D. Hayward, 2990 Barrett St.  
 I-story frame garage, \$150.  
 Architect—Not Given. \$3200

**DWELLING**  
 (871) 1512 FLORENCE ST., OAKLAND. Two-story 5-room dwelling.  
 Owner—John F. Hem, 1624 Ayala Street.  
 Contractor—Fred Taten, 5237 Miles Ave.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (872) 2514 79TH AVE., OAKLAND. Alterations.  
 Owner & Builder—Ben H. Johnson, 2019 E. 30th St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (873) 2903 LINDEN ST., OAKLAND. Alterations and repairs.  
 Owner & Builder—F. J. Russo, 2903 Linden St.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (874) 1798 UNIVERSITY, BERKELEY. Alterations.  
 Owner & Builder—Assoc. Oil Co., 79 New Montgomery St., San Francisco.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (875) 1575 HOPKINS, BERKELEY. Alterations.  
 Owner & Builder—Assoc. Oil Co., 79 New Montgomery St., San Francisco.  
 Architect—Not Given. \$2500

**RELOCATION**  
 (876) 1798 UNIVERSITY, BERKELEY. Relocate building on premises.  
 Owner & Builder—Assoc. Oil Co., 79 New Montgomery St., San Francisco.  
 Architect—Not Given. \$1000

**DUPLEX**  
 (877) 1421-23 ALLSTON WAY, BERKELEY. One-story duplex and garage.  
 Owner & Builder—A. Hendrickson, 1425 Allston Way.  
 Architect—Not Given. \$3200

**DWELLING**  
 (878) 4326 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—John S. Flagg, 3450 Morcom.  
 Architect—Not Given. \$4000

**DWELLING**  
 (879) 6828 PINEHAVEN RD., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—N. D. Gilman, 2155 E. 28th St.  
 Architect—Not Given. \$2675

**DWELLING**  
 (880) 3345 MAPLE AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—Mabel Etter, 2952 Georgia St.  
 Contractor—Walter Pressler, 1419 Excelsior Ave.  
 I-story garage, \$300.  
 Architect—Not Given. \$3500

**RE-ROOF**  
 (881) 5441 E 11TH ST., OAKLAND. Re-roof.  
 Owner—General Electric Co., Prem.  
 Contractor—J. W. Bender Roof Co., 1891 Bryant St., San Francisco.  
 Architect—Not Given. \$2000

**DWELLING**  
 (882) 7536 OUTLOOK AVE., OAKLAND. One-story 6-room dwelling.  
 Owner & Builder—Peter Zettel, 7844 Ash St.  
 Architect—Not Given. \$4000

**BUILDING CONTRACTS SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
191	P. T. & T.	Davies	—
192	Schiff	Empire	19,703
193	Pa. T. & T	Quandt	9,750
194	Schiff	Empire	—
195	Koblin	Silva	14,250
196	Scocher	Rehn	15,552
197	Schmidt	Otis	2,361

**CONDUIT**  
 (191) UNDERGROUND CONDUIT, adjacent to 19th Ave. from Geary to Fulton Sts., and along 19th Ave. from Lincoln Way to Irving Street.  
 Owner—Pa. Tel. & Tel. Co.  
 Contractor—John R. Davies, Los Angeles.  
 Filed Oct. 14, '37. Dated Oct. 7, '37.  
 75% completion  
 25% 40 days after.  
 Unit price only  
 Bond, \$3,735.12. Surety, Pacific Indemnity Co. Forfeit, \$10 per day.  
 Limit, 45 days.

**BUILDING**  
 (192) N. JEFFERSON, 213 W. BROAD-ERICK Flat building.  
 Owner—Wm. Schiff & Ernst Wolf, 3760 Fillmore St.  
 Architect—Richard V. Neutra, 251 Kearny.  
 Contractor—Empire Const. Co., Ltd., Russ Bldg., S. F.  
 Filed Sept. 15, '37. Dated Oct. 8, '37.  
 Rough frame—25%  
 Plastering—25%  
 Completion—25%  
 Usual 35 days.  
 TOTAL COST, \$19,703.50  
 Limit, 90 days. Plans and specifications filed.

**PAINTING**  
 (193) 14 BUSH STREET. Exterior painting of pl. m. building.  
 Owner—Pa. Tel. & Tel. Co., prem.  
 Contractor—A. Quandt & Sons, 374 Guerrero St., San Francisco.  
 Filed, Oct. 15, '37. Dated, Sept. 28, '37.  
 Completion—25%  
 Bond, \$975. Surety, Pacific Indemnity Co. Special clause filed.  
 Unit and 40 days. 25%  
 TOTAL COST, \$975

**DWELLINGS**  
 (195) BEU. SE. SILVER, 65 NE OF POWELL ST. Three one-story frame dwellings.  
 Owner—John Koblin.  
 Contractor—Anthony Silva  
 Filed Oct. 18, '37. Dated Oct. 11, '37.  
 Progress payment.  
 TOTAL COST, \$14,250  
 Plans and specifications filed.

**HEATING PLANT**  
 (196) JACKSON AND BATTERY STREETS. Heating and ventilating plant.  
 Owner—Stecher-Traug Litho. Corp. Consulting Engineer—Jesse Rosenvald, 525 Market St.  
 Contractor—George Rehn, 1919 Mission St.  
 Filed Oct. 19, '37. Dated Oct. 14, '37.  
 Progress payments.  
 TOTAL COST, \$15,552  
 Plans and specifications filed.

**ELEVATOR**  
 (197) STERLING ST., BET. 1ST & 2ND STS. Elevator for plant  
 Owner—Schmidt Litho. Co. Consulting Engineer—Jesse Rosenvald, 525 Market St.  
 Contractor—Ois Elevator Co.  
 Filed Oct. 19, '37. Dated Oct. 11, '37.  
 70% on shipment of machine; 20% when machine is in position, 10% when running.  
 TOTAL COST, \$2361  
 Specifications filed.

**BUILDING CONTRACTS ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
127	Siola	Parsons	5050
128	Shelton	Weston	4733
129	Bank Amer.	Stein	1735

**RESIDENCE**  
 HAMPTON ROAD, HAYWARD. Owner—Mr. and Mrs. Wm R. Stoll, 721 Grace St., Hayward.  
 Architect—Geo. P. Simonds, 80 Main Street, Hayward.  
 Contractor—Parsons & Williams, 2262 50th Avenue, Oakland.  
 Filed Oct. 14, '37. Dated Oct. 10, '37.  
 5th day after load on—\$1250  
 2nd day after wall board in—  
 tior installed—1250  
 2nd day after completion—1250  
 Usual 35 days—1300  
 TOTAL COST, \$5050  
 Limit, 85 days. Plans and specifications filed.

**DWELLING**  
 (128) LOT 4, BLK 14, CRAGMONT, BERKELEY. One-story frame dwelling.  
 Owner—Wm. F. and Helen Shelton.  
 Contractor—J. O. Weston  
 Filed Oct. 18, '37. Dated Sept. 27, '37.  
 Rafters up—25%  
 1st coat plaster—25%  
 Completion—25%  
 Usual 35 days—25%  
 TOTAL COST, \$4,733.00  
 Limit, 90 days. Plans and specifications filed.

**PAINTING**  
 (129) 215 CROCKER AVE., PIEDMONT. Interior and exterior painting residence.  
 Owner, Bank of America Nat. Tr. & Sav. Assn.  
 Contractor—L. Wm. Stein  
 Filed Oct. 21, '37. Dated Oct. 7, '37.  
 1st and 1 1/2th coat month, 75% labor and material, usual 35 days balance.  
 TOTAL COST, \$1735.00  
 Bond, \$1735. Surety, Pacific Indemnity Co. Special clause filed.  
 Limit, 15, 1947. Plans and specifications filed.

**ALAMEDA COUNTY PERMITS UNDER \$1000**

AUTHORITARIAN, 87 & 2805 Patterson Ave., 194 and owner E. W. Smith, 122 Orange St., contractor A. H. S. Smith, 2027 Capp St.  
 PREPARING, 113 & 296, 211 29th Street, 194 and owner E. W. Smith, 122 Patterson, contractor E. W. A. Davis, 17 & 25th St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants                  |
| 2.—Bonds                        | 12.—Flour Plants                                 |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Warehouses |
| 4.—Factories and Warehouses     | 14.—Residences                                   |
| 5.—Flats                        | 15.—Schools                                      |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres                   |
| 7.—Federal Buildings            | 17.—Wharves & Docks                              |
| 8.—Club Buildings               | 18.—Misc. Const.                                 |
| 9.—Hospitals                    | 19.—Misc. Supplies & Hotels                      |
| 10.—Hotels                      |                                                  |

## 4—FACTORIES & WAREHOUSES

### LOW BIDDER

**MONTEALVO**, Ventura Co., Cal.—Harman & Co., 4540 Cutter St., Los Angeles, submitted the low bid at \$99,868, to the Saticoy Lemon Association and were awarded contract for additions to a packing plant at Montevia. General contract does not include steam plant nor electrical work, bids for which will be taken later.

Work will include addition to office, box shed and two-story and basement storage room 154 x 210 ft.

Roy C. Wilson and Geoffry N. Lawford, Say Road, Santa Paula, are the architects.

### PREPARING PLANS

**MONROVIA**, Los Angeles Co., Cal.—Western Yeast Co., Myrtle Ave., Monrovia, is having plans prepared for a new factory building they will erect on South Myrtle Ave., near the Santa Fe depot, Monrovia. The bid will contain about 5000 sq. ft. of floor space.

### Contracts Awarded

**ADDITION** Gen. Cont. Pr., \$117,697  
SAN FRANCISCO. Jackson & Battery Streets.

Two-story and basement reinf. conc. addition to lithograph plant (work includes heating, ventilation, plumbing, electric work, piling, waterproofing, concrete, carpentry, plastering, glass, roofing, steel windows and rolling doors, sheet metal, etc.)

Owner—Stecher-Traung Litho. Corp., 640 Battery St.

Consulting Engineer—Jesse Rosenwald, 525 Market St.

Contractor—K. E. Parker Co., 135 So. Park St.

Electric Work—George F. Brayer, 166 Seventh St., San Francisco.

Heating—George Rehn, 1919 Mission Street.

Contracts previously awarded published September 14.

Sub Contracts awarded.

**STORE SHED** Cost, \$—  
SAN FRANCISCO—Bayshore Blvd.

One-story steel frame bone storage shed 80 ft. wide by 200 ft. long, 40 ft. to under side of trusses, concrete walls, glass brick, covered with protective metal, concrete bins and pits, railroad tracks, paving.

Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.

Architect—J. Francis Ward, 68 Harrison Street.

Protected Metal—H. H. Robertson

Co., 50 Hawthorne St.  
Reinforcing Steel—W. S. Wetenhall Co., 17th & Wisconsin Sts.  
As previously reported:  
Structural Steel, Judson Pacific Co., 609 Mission St.

**Contract Awarded**  
FACTORY Cost, \$8,500  
SAN FRANCISCO, W. 6th St., 125 ft S Harrison St.

One-story Class C factory.

Owner—Julius Harband, c/o Contractor.

Engineer—Hymen Rosenthal, 76 6th Ave.

Contractor—W. C. Akard, 225 Cervantes St.

Sub Contract awarded.

**ADDITION** Cost, \$50,000  
SAN FRANCISCO, Calif. Bayshore Blvd.

One-story steel frame addition to glue building, pils foundation, brick walls, glass brick, steel sash, protected metal roofing.

Owner—Consolidated Chemical Industries, Inc., 111 Sutter St.

Architect—Far & Ward, 68 Post St.

Structural Engineer—W. H. Ellison, 17 Mark St.

Contractor—Barrett & Hulp, 918 Harrison St.

Protected Metal—H. H. Robertson

Co., 50 Hawthorne St., S. F.

Reinforcing Steel—W. S. Wetenhall

Co., 17th & Wisconsin Sts., S. F.

As previously reported:

Structural Steel, Fair Mfg. Co., 617

Bryant Street, S. F.

Planned

**DAIRY PLANT** Cost, \$100,000

PORTLAND, Ore. SE 8th and Tag-

gart.

Feed mill with 20 concrete bins 40 ft.

high, each 10x10 ft., work building

in connection with bins, 50x

103 ft. in floor area and 80 ft

high, warehouse and garage unit.

Owner—Dairy Cooperative Assn.

Architect—Clausen & Clausen,

Grandin Bldg., Portland.

Bids now being received by architects.

**SUB-CONTRACTS AWARDED**

**ADMIN. BLDG.** Cost, \$,000

EMERYVILLE, Alameda Co., Calif.

Four-story reinforced concrete ad-

ministration building.

Owner—Shel Development Co., 53rd

and Horton Sts., Oakland.

Plans by Eng. Dept. of Owner.

Contractor—Lindgren & Swinerton,

Inc., 1723 Webster St., Oakland.

Hardwood Floors—J. E. Higgins

Co., 1930 Van Ness Ave.

Roofing—Scott & Peterson, 2412

Harrison Street.

Lathing and Plastering—P. H. Donnelly

Company, 354 Hobart St., Oak-

land.

Painting—Raphael Co., 270 Tehama

St., San Francisco.

Placing Reinforcing Steel—J. Philip

Murray, 2901 Mission St., S. F.

Sheet Metal & Fire Doors—Central

Sheet Metal & Roofing Co., 3246 Etlie

St., Oakland.

Electric Work—California Electric

Co., Ltd., 1125 Oak St., Oakland.

Elevators—Otis Elevator Company,

1 Beach St., San Francisco.

Ornamental Iron—Romak Ornamental

Iron Works, 915 18th St., Oak-

land.

As previously reported:

Excavation—J. Catucci, 1212 18th

Ave., Oakland.

Plumbing—The Scott Co., 113 10th

St., Oakland.

Bids Wanted — To Close October 25,

4:30 P. M.

**BOTTLING PLANT** Cost, \$,000

STOCKTON, San Joaquin Co., Calif.

Wilson and Roosevelt Streets.

One and two-story brick addition

(approx. 72 x 140 ft.) to bottling

plant.

Owner—Coca-Cola Bottling Co.

Architect—J. N. Cloudsley, Exchange

Bldg., Stockton.

Following have taken out plans:

O. H. Chain, 41 S. Sutter St., Stock-

ton.

C. E. Totten, P.O. Box 833, Stock-

ton.

Merlo, Rr. 2, Box 232, Stockton.

C. H. Dodd, 1660 W. Walnut St.,

Stockton.

H. W. Baum, 135 E. Magnolia St.,

Stockton.

T. E. Williamson, P.O. Box 93,

Stockton.

**CONTRACT AWARDED**

LOS ANGELES, Calif.—The Ted

R. Cooper Co., 1031 South Broadway,

will build a factory building (100 x

200 ft.) at 2334 Indiana St. for Klack-

son & Co., 2334 Indiana St.; Webber

& Nelson, engineers, 608 S. Hill St.

Cost, \$24,500.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Wm. P. Nell

Co., Ltd., 4814 Loma Vista Ave., will

build a 1-story brick factory build-

ing (100 x 200 ft.) at 711 E. 59th St.

for Eugene Extruded Metals Co., 351

S. Clarence St. M. T. Cantell, ar-

chitect, 2256 Venice Blvd. Cost, \$52,-

000.

**COMPLETING PLANS**

LONG BEACH, Los Angeles Co.,

Cal.—H. Davies, structural engineer,

Ocean Center Bldg., Long

Beach, is completing plans and will

take bids starting about October 26

for the superstructure for the 6-story

steel frame addition to oil processing

building and a 6-story reinforced

concrete addition to fish products

building of Proctor & Gamble Mfg.

Co. plant at 1601 W. 7th St., Long

Beach. Separate bids will be taken

on the general contract, elevators,

elevator doors, electric wiring, plbg,

sprinkler system and roof. The gen-

eral work will include reinf. conc.,

steel sash, glass and glazing, etc.

**PREPARING PLANS**

SANTA BARBARA, Cal.—Archit-

ect W. W. Ache, 301 N. Citrus Ave.,

Los Angeles, is preparing plans for

a large packing house to be built on

the corner of Quinientos and Sals-

puedas Sts., Santa Barbara. For the

plans, contact Santa Barbara. For the

contract, contact Andrew McDon-

ough, 523 Anacapa St., Santa Bar-

barara, awarded contract at \$24,000

for construction of the foundation

for the plant.

**Bids In**

**ALTERATIONS** Cost, \$,000

SAN FRANCISCO, Calif. 1120 Stock-

ton St.

Alter building into new storage ware-

house.

Owner—Lyon Van & Storage Co.

Architect—Albert F. Roller, Crocker

First Natl. Bank Bldg.

Announcement will be made Mon-

day.

**5—FLATS**

To Be Done By Day's Work

FLATS Cost, \$9,000

SAN FRANCISCO, N. Beach St., 162

ft. E. of Broderick St.

Two-story frame flat building.  
Owner & Builder—A. P. Mortola, 64  
Mallorca Way.  
Architect—Not Given.

To Be Done By Day's Work  
FLATS Cost, \$7,000 ea.  
SAN FRANCISCO. E. 21st Ave., 25  
and 50 ft S of Judah St.

Two two-story and basement frame  
flat buildings.

Owner & Builder—Herman Christen-  
sen, 1891 19th Ave.  
Architect—C. O. Clausen, 736 46th  
Ave.

## 6—GARAGES & SERVICE STATIONS

Contract Awarded  
SERVICE STATION Cost, \$4,525  
FRESNO, Calif. N. Van Ness Tr.,  
Lot 10

Gasoline service station.  
Owner—Union Oil Co. of Calif.  
Plans by Eng. Dept. of Owner.  
Contractor—Fred E. Galt, Jr., 369  
Pine St., San Francisco.

Preparing Preliminary Plans  
GARAGE Cost, .....  
LOS GATOS, Santa Clara Co., Calif.  
One-story reinforced garage building.  
Owner—Peerless Stage Company.  
Architect—Edw. T. Foulkes, 357 12th  
St., Oakland.

Contract Awarded  
SERVICE STATION Cost.  
SAUSALITO, Marin Co., Waldo Ap-  
proach & Sausalito Highway.

New gasoline service station.  
Owner—Standard Oil Company.  
Plans by Eng. Dept. of Owner.  
Contractor—Leihert & Trobeck, Al-  
bert Bldg., San Rafael.

## 7—FEDERAL BUILDINGS

BIDS WANTED  
SAN FRANCISCO.—Until Nov. 9,  
10 a.m. (previously reported in error  
as Nov. 11), bids will be received by  
the Procurement Division, Public  
Buildings Branch, Washington, D. C.,  
for alterations and additions, and  
glazing lobby lighting troughs at  
the U. S. Mint, at San Francisco.

Drawings and specifications may  
be obtained from the above office and  
from the office of the District Engineer,  
232 Federal Office Building, San  
Francisco.

## CONSTRUCTION STARTS

SHORTLY  
LOS ANGELES HARBOR, Calif.—  
Harbor Engineer, E. C. Earle this  
week announced that work would  
start soon on the construction of im-  
proved piers at Reeves Field, U. S.  
Fleet Air Base on Terminal Island, a  
WPA Project. Program includes a  
steel frame and corrugated iron air-  
plane hangar, 110x80 ft, wood frame  
barracks building and mess hall for  
to accommodate 200 enlisted men, quar-  
ters for 50 officers, station building  
and garage. The WPA will provide  
\$100,000 for financing the project and  
the Navy Department will provide an  
additional \$75,000 for materials.

TO BE DONE BY DAY'S WORK  
RENO, Nevada.—Veterans' Adminis-  
tration, 764 Arlington Bldg., Wash-  
ington, D. C., will start work at once  
on the erection of Treatment Build-  
ing No. 1 at the Veterans' Admin.  
Facility, Reno. It will contain approx  
285,000 cu ft. Work will include  
foundations, walls, grading and drainage,  
excav, reinf. concr., hollow concr. units,  
hollow bid tile, brickwork, cut stone,  
slate stair treads, marble work, ter-  
razzo floor, floor and wall tile, com-

pressed asphalt tile, waterproofing,  
metal work, steel stairs, metal win-  
dow equipment, steel cabinets and  
shelving, tile, slate and built-up rfg.  
metal studs, metal lathing, plaster-  
ing, carpentry, insulating, acoustical  
treatment, metal weatherstrips, in-  
sect screens, window shades, paint-  
ing, glazing, hardware, plumbing,  
heating (including boiler plant and  
equipment), elec work, elec elevator,  
outside service connections, etc. The  
owner will handle construction and  
such contracts for various  
trades. All general bid. received on  
August 31 were rejected.

## BIDS OPENED

VENTURA, Calif.—Nick Hemming-  
ga, 627 38th Ave., San Francisco, at  
8:03, submitted low bid to the Procure-  
ment Division, Public Buildings  
Branch, Washington, D. C., for mis-  
cellaneous changes at the U. S. Post  
Office at Ventura.

Complete bids follow:  
Walter S. Hemming, S. E. \$610  
Walker B. Beverly, Hollywood,.... 680  
Henry L. Grohne, Decatur, Ill.,... 869

## BIDS WANTED

TERMINAL ISLAND, Los Angeles  
Harbor—Until October 26, 11:00 a.m.,  
bids will be received by the Public  
Works Office, Eleventh Naval Dis-  
trict, foot of Broadway, San Diego,  
for improvement of Existing Build-  
ings at the Eleventh Naval District  
(Fleet Aviation Facilities), Terminal  
Island, Los Angeles Harbor, Califor-  
nia, Spec. 8600.

Work consists of furnishing of ma-  
terials for and the making of altera-  
tions and improvements to one exist-  
ing one-story, timber frame building;  
the moving of one existing one-story,  
timber frame building; and the provi-  
sion and installation of separate  
gas and heating units in two of the  
existing buildings and the improve-  
ment to building No. 2. Improvement  
to building No. 2 will provide tempo-  
rary dormitory space and toilet facil-  
ities for 60 men. Project will include  
carpentry and joinery work, plumb-  
ing, electrical, painting and other  
miscellaneous work for making the  
required alterations.

Plans and specifications may be  
obtained from the above office upon  
deposit of \$10 check or postal money  
order payable to the Chief of the  
Bureau of Yards and Docks.

## MATERIALS APPROVED

COLVILLE, Wash.—Treasury De-  
partment approved the following  
building material and equipment  
awards for the construction of the  
U. S. Post Office at Colville, Wash.  
West Coast Constr. Co., general con-  
tractors; Rubber covered wire, Har-  
bushaw Cable & Wire Corp.; flush  
switches, flush receptacles, clock  
outlets and fan outlet receptacles,  
Arrow-Hart & Hegeman Elec. Co.;  
panel boards, DePage-McKenney  
Co.; conduit and steel tube, Walker  
Bro's.; glass-ware, Gill Glass & Fix-  
ture Co.; lighting fixtures, Seattle  
Lighting Fixture Co. and F. W.  
Wakefield Brass Co.

## COMPLETE BIDS

WHEELER, Ariz.—As previously  
reported, Charles J. Dorfman, 121 N.  
La Brea Ave., Los Angeles, Calif., at  
\$468,580, submitted low bid to the  
Veterans' Administration, Wash-  
ington, D. C., for additional buildings  
and utilities at the Veterans' Facility,  
Wippole, Arizona.

Project consists of one Main Bldg.,  
No. 107 (containing approx. 1,065,000  
cubic feet), one Dining Hall Building  
No. 108 and the existing Corridor con-  
taining approx. 12,000 cubic feet,  
etc.

Separate bid. was received for (1)

General Construction, including  
plumbing, heating and conditioning  
and electrical work; (11) Electric  
elevators, and (111) Refrigerating  
equipment.

Complete bids follow:

## General Construction

Charles J. Dorfman, Los Angeles,  
Calif., Item (1) \$468,580 alt a (ded)  
\$3800; alt b (ded) \$15,500, alt c (ded)  
\$9,500; alt d (add) \$2000. James I.  
Barnes Const. Co., Springfield, Co., -  
Item (1) \$580,000; alt a (ded) \$5000;  
alt b (ded) \$10,000, alt c (ded) \$8000,  
alt d (add) \$2000. M. M. Sundt Const.  
Co., Tucson, Ariz., Item (1) \$629,980;  
alt a (ded) \$3530, alt b (ded) \$9000,  
alt c (ded) \$9832, alt d (add) \$1850.  
Harry B. Friedman, Ft. Worth, Texas  
—Item (1) \$734,000; alt a (ded) \$3700,  
alt b (ded) \$14,000; alt c (ded) \$10,  
000; alt d (add) \$2500. Peter Kiewit  
Sons Co., Omaha, Nebr.—Item (1)  
\$641,000; alt a (ded) \$3700; alt b (ded)  
\$10,000; alt c (ded) \$10,000; alt d  
(add) \$3700. H. Mayson, Los Angeles,  
Calif.—Item (1) \$614,700; alt a (ded)  
\$1600, alt b (ded) \$12,100, alt c (ded)  
\$8000; alt d (add) \$2700. Robert E.  
McKee, El Paso, Texas—Item (1)  
\$652,000, alt a (ded) \$5000, alt b (ded)  
\$11,000, alt c (ded) \$8200, alt d (add)  
\$3000. Barnhart Corp., Los Angeles,  
Calif.—Item (1) \$653,459, alt a (ded)  
\$3800; alt b (ded) \$10,000, alt c (ded)  
\$8000, alt d (add) \$2175. M. H. Golden,  
San Diego, Calif., Item (1) \$657,000;  
alt a (ded) \$640, alt b (ded) \$10,  
550; alt c (ded) \$8500, alt d (add)  
\$2310. General Contracting Co., Dal-  
las Texas—Item (1) \$666,983, alt a  
(ded) \$3100, alt b (ded) \$10,000, alt c  
(ded) \$8200, alt d (ded) \$4000. R. H.  
Campbell, Los Angeles, Calif., Item  
(1) \$695,000; alt a (ded) \$3500; alt b  
(ded) \$10,000, alt c (ded) \$8000, alt d  
(add) \$2190. Del E. Webb Constr  
Co., Phoenix, Ariz., Item (1) \$697,  
500, alt a (ded) \$6000, alt b (ded)  
\$10,000, alt c (ded) \$9750, alt d (add)  
\$2800. Atlas Constr. Co., Pasadena,  
Calif., Item (1) \$712,000, alt a (ded)  
\$3000, alt b (ded) \$17,800, alt c (ded)  
\$9000, alt d (add) \$1000. Robert P.  
Case, Napa, Calif., late bidder.

## Elevators

Otis Elev. Co., Washington, D. C.—  
Item (1) \$37,681, alt a (ded) \$10,733.  
Kinz Machine & Mfg. Co., Los An-  
geles, Calif.—Item (1) \$34,777, alt a  
(ded) \$9023.

## Refrigeration

Kohlenberger Corp., Fullerton, Cal.,  
\$19,005; York Ice Machinery Corp.,  
Philadelphia, Pa., \$24,299.

## BIDS WANTED

SACRAMENTO AIR DEPOT, Cal.—  
Until December 7, 2:00 p.m. bids  
will be received by the War Depart-  
ment, Office of the Constructing  
Quartermaster, Sacramento Air De-  
pot, for the construction and comple-  
tion of interior partitions, floors,  
doors, sash, plumbing, heating and  
ventilating, electrical, lighting and  
A. C. Engineering Shop and Repair  
Dock at Sacramento Air Depot, Est.  
cost, \$200,000.

Plans and specifications may be  
obtained at the above office by de-  
posit of a cash bid check in the  
amount of \$10.00 payable to the  
Treasurer of the United States.

## BIDS WANTED

SAN DIEGO, Cal.—Until Novem-  
ber 2, 11:00 a.m. bids will be re-  
ceived by the Public Works Office,  
Headquarters, Eleventh Naval Dis-  
trict, San Diego, Calif., Spec. No.  
S557 for modification of Passenger  
Elevator at the Naval Air Station Base  
Air Station, San Diego, Calif.

Work includes: (1) Installation of the  
winding gear, counter weight and  
return counter weight, (2) Self-  
lubricating device for the shaft at the  
top and bottom of the winding gear.

chine, replacement of braking equipment and miscellaneous alterations and repairs.

Bidding data obtainable from the above office upon deposit of check or postal money order for 10, payable to the Chief of the Bureau of Yards and Docks.

#### BIDS OPENED

**SANTA MONICA, Cal.**—Lombard & Ludwig, Washington, D. C., at \$108, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster models for the U. S. Post Office at Santa Monica.

Other bids were:

Studio of Architectural Sculpture, Washington—\$253.

Washington Ornamental Co., Washington—\$257.

Will & Houston, 315 E. 32nd St., Los Angeles—\$265.

A. Bussard & Co., Washington—\$277.

#### BIDS OPENED

**PHOENIX, Ariz.**—H. R. Meadows, 2815 N. Central Ave., Phoenix, at \$30,654, submitted low bid to the Arizona Highway Department, for construction of an addition to the present General Office Building of the department located between 17th and 18th Avenues on Jackson St.

Complete bids follow:

H. R. Meadows	\$30,654
Clinton Campbell Constr.	31,341
Inc.	31,341
C. O. Johnson	31,341
Wm. Peper	32,136
McGinty Constr. Co.	32,247
P. W. Womack	32,686
Lewis Bros.	34,672
Arizona Const. Co.	34,850

All of Phoenix, Ariz.

#### Sub Contracts Awarded

**POST OFFICE** Cont. Pr., \$172,000

**SANTA MONICA, Los Angeles Co., Calif.**

U. S. Post Office.

Owner—U. S. Government.

Plans by the Treasury Department, Washington, D. C.

Consulting Architect—Robert Dennis

Murray.

Contractor—James I. Barnes, Wilhoit Bldg., Springfield, Mass.

Struct. steel, Bethlehem Steel Co.; lbr. Golden State Lbr Co.; steel sash and metal screens, Ceco Steel Products Co.; millwork, Central Nebraska Millwork Co., Hastings, Neb.; sand and gravel, Consolidated Rock Products Co.; plbg and hgt. A. L. Eichholz, Sparta, Mo.; glass and glazing, W. P. Fuller & Co.; vault door, Herring-Hall-Marvin Safe Co.; freight elevator, King Machine & Mfg. Co.; marble and tile, Long Beach Marble & Tile Co.; fire, paving and common brick, L. A. Brick & Clay Products Co.; rfg. Eugene Meloeny Co.; sheet metal, National Cornic Works; elec work, Newbery Elec. Co.; hollow metal work, Niedringhaus, Inc.; St. Louis, Mo.; cem, Riverside Cem Co.; expansion joint matl, Servisized Products Co., Chicago, Ill.; hardware, Shapleigh Hardware Co., St. Louis, Mo.; copper strips, F. P. Smith Wire & Iron Works, Chicago, Ill.; misc and orn iron, Southern Ornamental Iron Works, Arlington, Texas; reinf steel, Soule Steel Co.; latb and plaster, Southwestern Plastering Co.; interior tile, Sunset Tile & Marble Co.; granite, Texas Quarries, Inc., Austin, Texas; terrazzo, Venetian Terrazzo & Mosaic Co.; wood block floor, Waterman Flooring & Surface Wooding Co., San Diego, Calif.; toilet partitions, Henry Weis Mfg. Co., Elkhart, Ind.; orn cover work, Will & Hous-

#### BIDS OPENED

**PORT TOWNSEND, Wash.**—Henry L. Grohne, Decatur, Ill., at \$1,440, submitted low bid to the Procurement Division, Washington, D. C., for refinishing interior woodwork in the U. S. Quarantine Station at Port Townsend.

Other bids submitted were: Neuman Bros., McMinville, Ore.—\$1,483.

W. M. Smith, Port Townsend, Wa.—\$1,530.

#### CONTRACT AWARDED

**CARSON CITY, Nevada.**—W. E. Humes, 124 Washington St., Reno, Nev., at \$2,270, awarded contract by the Procurement Division, Washington, D. C., for installation of new plumbing fixtures at the U. S. Post Office and Courthouse at Carson City.

#### CONTRACTS AWARDED

**CHIPLEE, Ariz.**—Charles J. Dorfman, 124 N. La Brea Avenue, Los Angeles, at \$540,090, awarded contract by the Veterans' Administration, Washington, D. C., for additional building and utilities, at the Veterans' Facility, Whipple, Arizona.

Project consists of one Main Bldg., No. 107 (containing approx. 1,065,000 cubic ft.), one Dining Hall Building No. 108 and Connecting Corridor (containing approx. 120,000 cubic feet), etc.

Other awards were:

King Machine and Mfg. Co., Los Angeles, at \$24,754, awarded contract for elevators; and Kohlenberger Engineering Corp., at \$19,605, awarded contract for refrigerating equipment. Complete bids published Oct. 15.

## 9—HOSPITALS

#### Bids Opened

**CAT & DOG HOSPITAL**

**SALINAS, Monterey Co., Calif.**

One-story frame and stucco cat and dog hospital.

Owner—Dr. C. B. Outhier, 206 Lincoln Ave., Salinas.

Architect—Chas. E. Butner, 7 Winham St., Salinas.

Low Bidder—A. F. Carlsen, Rt. 1, Box 74-A, Salinas.

Bids were taken under the following propositions: (a) deduct if specified items for dog run are omitted and (b) add if plumbing contractor installs a new septic tank & drainage.

Complete bids follow:

A. F. Carlsen	\$9,440, (a) \$138, (b) \$130
W. E. Greene	\$9,575, (a) \$141, (b) \$130
Sam Trondhagen	\$9,597, (a) \$138, (b) \$151
H. P. Kinzey	\$10,763, (a) \$139, (b) \$151
V. H. Moore	\$10,918, (a) \$140, (b) \$130

All of Salinas.

Bids held under advisement.

#### SKETCHES COMPLETED

**LONG BEACH, Los Angeles Co., Calif.**—Architect W. Horace Austin, 532 Chestnut Ave., Long Beach, has prepared sketches for a proposed 13-story hotel building to be built in the 1200 block on E. Ocean Ave., Long Beach, for clients represented by H. A. Murray, Times Bldg., Long Beach. The building will contain 260 hotel rooms and 150 apartments. Estimated cost, \$1,500,000.

#### BIDS WANTED

**CALIENTE, Nev.**—Until Nov. 5, 2 p.m., bids will be received by the Lincoln, Nev., County Commissioners, Pioche, for a county hospital to be built in Caliente at an estimated

cost of \$27,500. Plans and bidding data may be obtained from Sarah Gentry Ross, county clerk, upon deposit of \$25, of which sum \$20 will be refunded. Certified check for 5% required. A. L. Worawick, Las Vegas, is the architect.

#### BIDS WANTED

**SAN LUIS OBISPO, Calif.**—Until October 25, 3 p.m., bids will be received by the County of San Luis Obispo, Gwen Marshall, County Clerk, upon electrical light fixture as per list and two drain boards in the central and southern wing of a new Tuberculosis Unit being erected upon the grounds of the General Hospital, at San Luis Obispo.

Plans and specifications may be obtained at the County Clerk's Office, San Luis Obispo, or at the office of Walker & Eisen, Architects, 437 South Hill Street, Los Angeles, upon deposit of \$15.

Bids Wanted — To Close November 5, 2 P. M.

ADDITIONS Est. Cost, \$173,762

**THE DALLES, Oregon.**

Addition to Eastern Oregon State Tuberculosis Hospital (The Dalles) of one-story frame pavilion; concrete boiler house; two-story frame nurses' home; frame physicians' home. PWA Docket 1224.

Owner—State of Oregon.

Architect—John & Marsh, 701 Woodlark Bldg., Portland.

Bids to be opened in State Treasurer's Office, Oregon Bldg., Portland, Oregon.

Preparing Preliminary Plans

**HOSPITAL ADDITION** Cost, \$80,000

**FRESNO, Calif.**

New kitchen wing addition to Fresno County General Hospital; refrigeration plant and bakery.

Owner—County of Fresno.

Architect—Allied Architects of Fresno (comprising W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen), Fred L. Swartz, Supervising Architect, Brix Bldg., Fresno.

#### BIDS WANTED

**BAKERSFIELD, Kern Co., Calif.**—

Until Nov. 1, 11 a.m., bids will be received by the Kern County Supervisors for demolition of an existing incinerator and furnishing and installing a new incinerator and stack at Kern General Hospital, Bakersfield. Bidding data obtainable at the office of Symmes & Willard;

Stanton Willard, architect, 215 Harborfield Bldg., Bakersfield.

## 10—HOTELS

#### CONTRACT AWARDED

**WINNEMUCCA, Nev.**—Anderson & McShee, Winnemucca, awarded contract, at \$79,290, for a 2-story 28-room addition to the Humboldt Hotel in Winnemucca.

Contract Awarded

**ALTERATIONS** Cost, \$5000

**FRESNO, Calif.** 2040 Kern St.

Alterations to hotel.

Owner—Hotel Californian.

Architect—Not Given.

Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.

Bids In—Held Under Advisement

**ALTERATIONS** Est. Cost, \$50,000

**SAN FRANCISCO, 440 Geary St.**

Alterations to first floor of Somerset Hotel (lobby, cocktail lounge, coffee shop, rest rooms, etc.).

Owner—Somerton Hotel Corp.

Architect—A. R. Williams, 251 Post Street.

**CONTRACT AWARDED**

**ALTERATIONS** Est. Cost, \$50,000  
**SAN FRANCISCO, 440 Geary St.**  
 Alterations to first floor of Somerset Hotel (lobby, cocktail lounge, coffee shop, rest rooms, etc.)  
 Owner—Somerset Hotel Corp.  
 Architect—A. R. Williams, 251 Post Street.  
 Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

**13—PUBLIC BUILDINGS  
FIRE HOUSES & JAILS****CONTRACT AWARDED**

**RIVERSIDE AND SAN BERNARDINO** COS., Calif.—V. L. and W. B. Jacobson, 3338 Madera Ave., Los Angeles, at \$11,601, was awarded contract by the State Division of Highways, State Highway Engineer, San Bernardino, for the construction of maintenance station buildings at Palm Springs and buildings at Camp Angelus, Riverside and San Bernardino Counties.

**CONTRACT AWARDED**

**SAN BERNARDINO**, Calif.—V. L. and W. B. Jacobson, 3338 Madera Ave., Los Angeles, at \$8,995, awarded contract by the State Division of Highways, State Highway Engineer, San Bernardino, for the construction of maintenance station buildings at Lakeview Point, San Bernardino Co.

**LOW BIDDER**

**KERN COUNTY**, Calif.—Wm. G. Gannon, 1620 18th St., Bakersfield, at \$10,809.00, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, corner of Cuth and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances, about 20.6 miles south of Bakersfield, Kern County.

**Preliminary Plans Prepared**

**CITY HALL** Cost, \$1,000,000  
**YUBA CITY**, Sutter Co., Calif., Plummer and Reeves Apts.  
 New City Hall, including offices, meeting chambers, police and fire departments.  
 Owner—City of Yuba City.  
 Architect—W. C. Coffman, Forum Bldg., Sacramento.  
 WPA application has been made.

**BIDS WANTED**

**VAN NUYS**, Los Angeles Co., Cal.—Until Oct. 29, 2 p.m., lump sum bids will be received by the L. A. Water & Power Bureau, 207 S. Broadway, Los Angeles, for construction of the Van Nuys office and shop building on the northwest corner of Aetna St. and Vesper Ave.; PWA Docket 1928-R, Unit 5. Work includes: 2-story reinforced concrete office and shop bldg, 50x74 ft. auto shed, prep subgrade of approx 5600 sq ft in yard of bldg and paving with 3-in rock and oil premix; concrete approx 1328 sq ft new sidewalk; and construct approx 50 ft chain link fence, 7 ft high. Existing buildings will be cleared by the department. Sewer line shall be provided and installed by the contractor.

**BIDS WANTED**

**KERN CO.**, Calif.—Until Nov. 1, 11 a.m., bids will be received by the Kern County Supervisors for furnishing and installing a new incinerator and stack at Stonybrook Retreat, Kern County. Bidding data obtainable at the office of Symmes & Willard; Stanton Willard, archt., 215 Haberfeld Bldg., Bakersfield.

**BIDS OPENED**

**LOS ANGELES**, Calif.—Joseph R. Lippincott, 5026 Clinton St., Los Angeles, at \$8953, submitted low bid to

State Architect Geo. E. McDougall, Public Works Bldg., Sacramento, for alterations and improvements to a building at 12th Street and Grand Avenue, Los Angeles, for the California State Employment Service.

Work will include concrete and brick work, carpentry and millwork, plastering, painting and mastipave floor. Sectional partitions, railings, counters, plumbing, electrical work and heating and ventilating are not included in the general contract.

Complete bids follow:

J. R. Lippincott, L. A.	\$ 8,953
Arthur Pinner Jr., L. A.	10,178
Andy Sordal, Long Beach	11,486
R. Westcott Co Inc., L. A.	12,970
Barnuchs Corp., L. A.	13,442

**CONTRACT AWARDED**

**AIRPLANE HANGAR** Cont. Price, \$10,106  
**HUMBOLDT CO. AIRPORT**, Calif.  
 Three miles east of Eureka.

Eight-plane hangar (60 x 85 ft.) of redwood timber construction with 7200 connectors.  
 Owner—County of Humboldt (Fred M. Kay, Clerk).  
 Architect—F. G. Georgeson, 537 G St., Eureka.  
 Structural Engineer—W. H. Ellsion, contract for 714 Porter Bldg., Portland.  
 Contractor—Mercer-Fraser Company, Eureka.  
 Complete bids published Sept. 15.

**Bids Wanted—To Close October 27**

**CLEARING SITE** Cost, \$.....  
 SALAS, Oregon.

Wrecking and removing buildings on site of proposed library and office building.

Owner—State of Oregon.

Specifications obtainable from the State Capitol Reconstruction Commission, 714 Porter Bldg., Portland, where bids will be opened.

**BIDS OPENED**

**VALLEJO**, Solano Co., Calif.—Rohr, Hathaway, 1201 Tennessee St., Vallejo, at \$1419, submitted low bid and was recommended for award of contract for an addition to building in the City Park fronting on Alabama Street, for the City of Vallejo, T. D. Kilkenny, Eng.  
 Only other bid submitted by Geo. Barenchi, Vallejo, at \$1507.

**BOND ELECTION**

**SACRAMENTO**, Calif.—The City of Sacramento (H. G. Denton, City Clerk), will vote on November 2nd on a proposal to issue bonds in the amount of \$100,000, proceeds to finance construction of a municipal art gallery, including the necessary buildings, fixtures and equipment, for art gallery purposes, to be known as the "E. B. Crocker Art Gallery."

**BIDS WANTED**

**ALAMEDA**, Calif.—Until Oct. 28, 8:15 p.m., bids will be received by the City of Alameda, Public Utilities Board, C. A. Baxter, Secy., for furnishing labor and material to paint properties of the Department of Public Utilities of the City of Alameda, at 2140 Santa Clara Avenue, Alameda.

Specifications obtainable at the Secretary's office. Cashier's or certified check for 10% must accompany each bid.

**BIDS WANTED**

**SALINAS**, Monterey Co., Calif.—Until November 15, 10:00 a.m., bids will be received by the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of a complete electric clock system for the Monterey County Courthouse, at Salinas.  
 Plans and specifications now on

file with the Clerk at the Courthouse, copies of which may be obtained at the office of Robert Stanton, Architect, Del Monte Hotel, Del Monte, Calif.

Bid must be accompanied by a certified or cashier's check or bid bond for five per cent of total bid, made payable to the order of the County of Monterey.

Bids will be opened in the Chambers of the Board of Supervisors at the Courthouse.

**BIDS WANTED**

**SALINAS**, Monterey Co., Calif.—Until November 15, 10:00 a.m., bids will be received by the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of certain cast travertine stone and bronze work for the interior court of the Monterey County Courthouse, Salinas.

Plans and specifications now on file with the Clerk at the Courthouse, copies of which may be obtained at the office of Robert Stanton, Architect, Del Monte Hotel, Del Monte, Calif.

Bid must be accompanied by a certified or cashier's check or bid bond for 5% of total bid, made payable to the order of the County of Monterey.

Bids will be opened in the Chambers of the Board of Supervisors at the Courthouse.

**Grant Allocated  
MUNICIPAL BUILDING**

Est. Cost, \$180,162

**HONOLULU**, T. H. Civic Center.  
 Two-story reinforced concrete tax building (125x155 ft.) with stucco exterior and mission tile roof, electrical, plumbing and elevator facilities to house entire territorial tax departments.

Owner—Dept. of Public Works (Louis Cain, Supt.), Honolulu, T. H.

Architect—Hart Wood, Honolulu.  
 PWA recently allotted grant of \$81,072 to assist in financing the project.

**BIDS WANTED**

**PICHOE**, Nev.—Until Nov. 5, 2:00 p.m., bids will be received by the Lincoln, Nev., County Commissioners, Pioche, for a county court house to be built in that city at an estimated cost of \$60,000. Plans and bidding data may be obtained from Sarah Genry Ross, county clerk, upon deposit of \$25, of which sum \$20 will be refunded. Certified check for 5% required. A. L. Worswick, Las Vegas, is the architect.

**LOW BIDDER**

**OLIVE VIEW**, Los Angeles Co., Cal.—Raiph E. Homann Co., 4074 Avalon Bldg., Los Angeles, submitted low bid to Los Angeles County Supervisors, at \$4985, for addition to boiler house at Olive View Sanitarium. Homann submitted names of following sub-contractors: Electric work, Earl Mauk, 1279 Riverside Dr.; plumbing, Wm. Nies, 4214 Avalon Blvd.; ptg. D. Zelinsky & Sons, 1433 E. 14th St.; roofing, McCullough & Co., 1242 S. Flower St.; misc. iron and steel, Pennsylvania Iron & Steel Co., 2308 Santa Fe Ave.

**BIDS WANTED**

**FILLMORE**, Ventura Co., Calif.—Until October 26, 7:00 p.m., bids will be received by Fillmore City Council for a combination fire station and jail, a 1-story, reinforced concrete structure, 10 x 57 ft., to be built in that city.

Plans obtainable from the City Clerk upon deposit of \$10, returnable W. E. Chadwick, engineer, Union League Bldg., Los Angeles.

**BIDS OPENED**

SAN FRANCISCO, Cal.—Lacquer Floor Service Company, and Jones Supply Corp., at \$229, submitted identical bids to the Department of Public Works, City Hall, for cleaning and lacquering floor surfaces of children's room and exhibit room at main public library, Larkin and McAllister Streets.

**CONTRACT AWARDED**

KERN COUNTY, Calif.—Wm. G. Gannon, 1620 18th St., Bakersfield, at \$10,809, was awarded contract by the State Division of Highways, R. M. Gillis, District Engineer, corner of Carruth and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances, about 20.6 miles south of Bakersfield, Kern County.

**CONTRACT AWARDED**

INTERIOR WORK—Cost Fr. \$38,745  
YERBA BUENA SPOOLS. Site of the 1939 World's Fair.  
Partitions and interior work in East Hangar (fronts and service portions, East Hangar, Contract III).  
Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 555 Bush St.  
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.  
Contract awarded exclusive of plumbing work.

**14—RESIDENCES**

Plans Being Figured — Bids Close

October 25, 4 P. M.

RESIDENCE Cost, \$.....  
HILLSBOROUGH, San Mateo Co., Calif.

Two-story frame residence.

Owner—Withheld.

Architect—Miller & Warnecke, 1700

Financial Center Bldg., Oakland.

Following selected list of contractors are figuring plans:

R. H. Grunbaum, 1025 Lancaster

Road, Hillsborough.

Charles Pedersen, 734 Prospect

Road, San Mateo.

S. A. Wisnom, 140 S. Ellsworth Ave.,

San Mateo.

Henry Volker, 805 Winchester Ave.,

Burlingame.

D. W. Nicholson, 357 12th Street,

Oakland.

Jensen & Pedersen, 3443 Adelaine

St., Oakland.

A. Frederick Anderson, 1933 Long-

ridge Road, Oakland.

Plans Completed

RESIDENCES Cost, \$7,000 each

PALO ALTO, Santa Clara Co., Calif.

Pitman St.

Three two-story frame and stucco

residence (6 rooms each), hard-

wood floors, tile baths, wood

sash, shake roofs, etc.

Owner & Builder—C. R. Janssen, 555

Lowell Ave., Palo Alto.

Architect—D. E. Jaekle, 126 Post St.,

San Francisco.

Contract Awarded

RESIDENCE Cost, \$10,000

SAN MATEO, Lot 9, Blk. 16, Parrott

Drive.

Two-story frame and stucco resi-

dence.

Owner—Roy A. Lynne, c/o Contractor.

Architect—Not Given.

Contractor—G. W. Williams Co., 315

Primrose Rd., Burlingame

Preparing Working Drawings

RESIDENCE Est. Cost, \$7,000

EAST SACRAMENTO, Calif.

One-story frame and stucco residence

(6 rooms), shake roof, tile floor

in bath.

Owner—Withheld

Architect—Herbert Goodpastor, Mi-

tato Bldg., Sacramento.  
Upon completion of plans, general

bids will be asked of a selected list

of contractors.

Contract Awarded

ALTERATIONS & ADDITIONS

Cost, \$8,000

BERKELEY, Alameda Co., Calif. 5

Roble Court.

Alterations and additions.

Owner—H. H. Hitchcock, 5 Roble

Court.

Architect—W. H. Ratcliff, American

Trust Bldg., Berkeley.

Contractor—Walter Sorensen, 2940

Piedmont Ave.

Contract Awarded

RESIDENCE Cost, \$6,500

BERKELEY, Alameda Co., Calif.

Two-story frame residence (6 rms.),

garage.

Owner—J. H. Jackson, 1156 Keeler

St.

Architect—Michael Goodman, 2163

Center St., Berkeley.

Contractor—J. M. Walker, 401 Spruce

St.

To Be Done By Day's Work

RESIDENCES Cost, \$5,500 each

SAN FRANCISCO. W. Beachmont

Dr. and West Lagunitas Drive;

136 ft. and 189 ft S of Sloat Blvd.

Two two-story and basement frame

residences.

Owner & Builder—Stoneson Bros., 1

Sloat Blvd.

Architect—Harold Stoner, 35 Vicente

St.

CONTRACT AWARDED

STANISLAUS CO., Calif.—W. H.

Johnson, 411 Fairview St., Modesto,

at \$2,447, awarded contract by the

Modesto Irrigation District (C. S.

Abbott, Secy.), for construction of a

cottage located at Dry Creek Plume,

approximately 3 miles east of Em-

pire and one-half mile north of the

Empire-Waterford Highway.

Bids Opened

RESIDENCE & APT. HOUSE

FRESNO, Calif. Home and Wishon

Streets.

Residence and apartment house of

pumitile construction, composition

roof.

Owner—A. M. Bopp, 844 Vassar St.,

Fresno.

Architect—Edward Glass, Mattel

Bldg., Fresno.

Low Bidder—Walker & Walker, 437

Cornell Ave., Fresno .....\$16,943

Complete bids follow:

Walker & Walker .....\$16,943

Harris Constr. Co. ....17,500

J. R. Church .....19,255

J. D. Brase .....19,999

R. Pedersen .....21,230

C. V. Smith .....21,849

All of Fresno.

Preparing Plans

RESIDENCE Cost, \$3,000

LINDSAY, Tulare Co., Calif.

One and one-half story, frame and

stucco residence; French Provin-

cial type, wood shingle roof.

Owner—Howard Houston, Lindsay.

Architect—Fred L. Swartz, Brix Bldg.,

Preparing Plans

ALTERATIONS Est. Cost, \$2600

LAFAYETTE, Contra Costa Co., Cal.

Alterations and additions to 1-story

frame and stucco residence (4

rooms and bath).

Owner—Withheld.

Architect—A. R. Denke, 1429 Broad-

way, Oakland.

Contract Awarded

RESIDENCE Cost, \$8,000

OAKLAND, Alameda Co., Calif. 3683

Calandria Ave.

One-story frame residence (6 rooms).

Owner—S. W. Southwell.

Architect—Not Given.

Contractor—David D. Bohanon, 331

17th St.

Completing Working Drawings

RESIDENCE Cost, \$.....

OAKLAND, Alameda County, Calif.

Montclair Highlands.

One-story frame residence (4 rms.),

rustic exterior, shingle roof, gas-

ified central heating system, etc.

Owner—Name Withheld.

Architect—Alfred C. Williams, 2905

Dwight Way, Berkeley.

Upon completion of plans owner

will take bids from a selected list of

contractors.

Completing Working Drawings

RESIDENCE Cost, \$.....

ALAMEDA, Calif.

One-story frame residence.

Owner—Mrs. Edna Giffen, c/o Ar-

chitect.

Architect—Wm. E. Schirmer, 427

13th St., Oakland.

Completing Working Drawings

DUPLEX Cost, \$.....

OAKLAND, Ala. Co., Calif.

One-story and basement frame and

stucco residence.

Owner—Withheld.

Architect—Wm. E. Schirmer, 427 13th

St., Oakland.

To Be Done By Day's Work

RESIDENCE Cost, \$7,000

SAN FRANCISCO. S. Cabrillo, 105

ft. E. 19th Ave.

Two-story and basement frame resi-

dence.

Owner & Builder—Mary Griffin, 2001

19th Ave.

Architect—Not Given.

Contract Awarded

RESIDENCE Cost, \$6,500

SAN FRANCISCO. N. Dorante, 200

ft. W. San Marcos St.

One-story and basement frame resi-

dence.

Owner—F. De Ghetald, 1641 Page

St.

Engineer—A. V. Saph, Jr., Rialto

Bldg.

Contractor—Harry L. Sandow, 2022

18th Ave.

CONTRACT AWARDED

RESIDENCE Cost, \$8,000

MILLBRAE HIGHLANDS, San Ma-

teo County, Calif.

Two-story frame and stucco resi-

dence (6 rooms), hardwood floors,

shake or composition roof, hot

air heating system, wood sash.

Owner—Mrs. J. Kline.

Architect—Albert H. Larsen, 338

Kearny St., San Francisco

Contractor—J. M. Johnson, 1215 Cas-

tro St., San Francisco.

OWNER TAKING BIDS

RESIDENCE Cost, \$.....

SANTA ROSA, Sonoma Co., Cal.

Two-story frame residence, hardwood

floors, tile bath, wood sash, etc.

Owner—Alfred Isles, 1211 College

Ave., Santa Rosa.

Architect—Wm. Herbert, Rosenberg

Bldg., Santa Rosa.

Owner is now taking bids.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**SALINAS**, FRANCISCO. W. Santa Paula, 100 ft S Yerba Buena Blvd. Two-story and basement frame residence.  
 Owner—R. A. Clarke, c/o Contractor.  
 Architect—W. G. Merchant, 406 Russ Bldg.  
 Contractor—J. Prout, 2530 Fillmore St.

**BIDS OPENED**  
**RESIDENCE** Cost, \$ .....  
**HAYWARD**, Alameda Co., Cal. Two-story frame residence, hardwood floors, the bath, etc.  
 Owner—Ernest F. Swain.  
 Architect—Higgins & Root (Chester Root, Architect), Security Bldg., San Jose.

**Low Bidder**—Skovmand & Lewis, 729 E. 18th St., Oakland.  
 Complete bids follow:  
 Skovman & Lewis, Oakland.....\$7,450  
 R. A. Griffin, Irvington.....7,670  
 George Lund, Hayward.....7,850  
 George C. Asmussen, Hayward, 7,915  
 M. White, Centerville.....8,050  
 Owner has taken bids under advisement.

**15—SCHOOLS**

**PREPARING PRELIMINARY PLANS**  
**MOORPARK**, Ventura Co., Cal.—Architect Richard M. Bates, Jr., 3670 Wilshire Blvd., is preparing preliminary plans for a one-story frame and stucco auditorium, cafeteria and classroom addition to be built at Moorpark for Moorpark Union Grammar School District. Cost, \$60,000. 15

**BONDS VOTED**  
**PUEENTE**, Los Angeles Co., Cal.—The Hudson School District voted bonds October 7, in the amount of \$40,000, proceeds to be used to finance reconstruction of a kindergarten and primary building at Puente School, a PWA project. Estimated total cost, \$65,000. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

**BIDS WANTED**  
**LONG BEACH**, Los Angeles Co., Calif.—Until October 27, 4:00 p.m., bids will be received by the Long Beach Board of Education for strengthening and rehabilitating the Lindbergh Junior High School Cafeteria, boys' girls, shower and boys' shower buildings, located at Market St. and Lewis Ave., Long Beach.  
 Plans may be obtained from the business manager of the board, 715 Locust Ave., Room 203, Long Beach, upon deposit of \$25. Francis H. Gentry, structural engineer, Jergins Trust Building, Long Beach.

**BIDS WANTED**  
**LONG BEACH**, Los Angeles Co., Cal.—Until November 5, 4:00 p.m., bids will be received by the Long Beach Board of Education for a steel frame music and arts building to be built at Polytechnic High School, Atlantic Ave. and 16th St., Long Beach.  
 Plans may be obtained from the business manager of the board, 715 Locust Ave., Room 203, Long Beach, upon deposit of \$25.

Bids will be taken on two bases: One, the entire project to be handed under a general contract, but with alternate bids on (a) plumbing; (b) heating and ventilation; (c) electric, and (d) general; and two, segregated bids on (a) plumbing; (b) heating and ventilation, and (c) electrical. The condition of bid One is that the

district may let entire project under general contract or may eliminate from general contract plumbing and/or heating and ventilation and/or electrical work. Est. cost, \$150,000. Architect, Hugh R. Davies, 430 E. Ocean Ave., Long Beach.

**Plans Completed**  
**SCHOOL**  
**SAN JOAQUIN CO.**, Calif. Three mi. N of Lodi (Huston Grammar School).  
 One-story school building (5 classrooms and auditorium), tile roof.  
 Owner—Huston Grammar School District.  
 Architect—Victor Galbraith, 221 E. Acacia St., Stockton.  
 Plans will be forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked within a few days.

**Contract Awarded.**  
**SAN FRANCISCO**—J. W. Bender Roofing & Paving Co., 1999 Bryant St. at \$196, awarded contract by the Dept. of Public Works, City Hall, for removing old roofs and installing new tar and gravel roofs on bungalows 5 and 6 at Guadalupe School, Cordova and Prague Sts.  
 Complete bids published Oct. 14.

**BIDS WANTED**  
**SAN FRANCISCO**—Until October 20, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for laying new tar and gravel roof and concrete slab on cafeteria, at Roosevelt Junior High School, Arguello and Geary Blvds.  
 Specifications may be obtained from the office of Superintendent of Bldgs., R. A. Chisholm, 464 11th St.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—D. J. T. Sullivan, Inc., 1940-42-44 Folsom Street, awarded contract at \$174, by the Department of Public Works, City Hall, for removing two bungalows from Sunshine School site, Dolores and DuRand Sts., to Samuel Gompers School site, Bartlett and 22nd Sts.

**Plans Completed**  
**SCHOOL** Cost, \$90,900  
**FOREST GROVE**, Oregon.  
 One-story frame and brick veneer school (232x127 ft.) 8 classrooms, library, offices, health room, combination auditorium-gym, stage and dressing rooms, 3 classrooms in basement, economics room and shower rooms.  
 Owner—Forest Grove School District.  
 Architect—C. N. Freeman, Concord Bldg., Portland.  
 Bids will be asked shortly.

**Bids Wanted—To Close October 30, 2 P. M.** Est. Cost, \$7,000  
**CANTIL**, Kern Co., Calif.  
 One-story frame and stucco school building (classroom, supply and toilet rooms).  
 Owner—Red Rock School District, Cantil.  
 Architect—F. Wynkoop, 1919 Orange St., Bakersfield.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Plans obtainable from the architect's office upon deposit of \$10.

**Bids Wanted—To Close October 29, 3:30 P. M.** Est. Cost, \$25,000  
**ADDITION**  
**KERNVILLE**, Kern Co., Calif.  
 Two-room unit to be built at Kernville School.  
 Owner—Kernville School District.  
 Architect—Symmes & Willard; Stan-Non Willard, Architect, 215 Ha-

berfelde Bldg., Bakersfield.  
 Plans obtainable from the office of the architects upon deposit of \$10.

**PLANS COMPLETED**  
**ASSEMBLY HALL** Est. Cost, \$30,000  
**COURTLAND**, Sacramento Co., Calif.  
 One-story frame and stucco assembly building, with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.  
 Owner—Courtland Joint Union High School District.  
 Architect—Charles F. Dean, California State Life Bldg., Sacramento.  
 Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Plans have been forwarded to the State Division of Architecture for approval.

**Contract Awarded**  
**HEATING PLANT** Cont. Pr., \$1270  
**SACRAMENTO CO.**, Calif. 18 miles northeast of Sacramento, near Edwison.

Heating plant in grammar school. Owner—Orangeville School District. Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Contractor—M. R. Carpenter, 907 Front St., Sacramento.  
 Bids were received with three alternates, all deductions.  
 Contract awarded low bidder, accepting alternates 1 and 3.  
 Complete bids follow:  
 M. R. Carpenter, Sacramento—Item 1, \$1985; (a) \$200; (b) \$310; (c) \$219.  
 Luppen & Hawley, Inc., Sacramento—Item 1, \$1824; (a) \$120; (b) \$315; (c) \$225.  
 Willy & Rhoads, Sacramento—Item 1, \$1912; (a) \$310; (b) \$311; (c) \$212. (5543) 1st report Oct. 12, 1937. \*

**Bids Opened**  
**SCHOOL ADDITION**  
**SALINAS**, Monterey Co., Calif.  
 One-story frame and stucco addition to the Sherwood School (six classrooms).  
 Owner—Salinas City School District.  
 Architect—Charles E. Butner, 7 Winham St., Salinas.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Low Bidder—P. Wallstrum, Watsonville—\$36,386.

Bids were received under the following alternates: (1) ded. if classrooms 5 and 6 are omitted; (2) add if present building is given a cement wash, and (3) deduct if all lathing is changed from 2.5 galvanized metal lath to 1/16-in. alk. plaster composition lath, to be rack lath or equal. Only alternates 2 and 3, however, will be considered.

Following are complete bids:  
 P. T. Wallstrum, Watsonville—\$36,386; (2) \$175; (3) \$345.  
 Albert Stata, Salinas—\$38,775; (2) \$169; (3) \$665.  
 V. H. Monre, Salinas—\$36,938; (2) \$154; (3) \$585.  
 Harold C. Geyer, Monterey—\$37,115; (2) \$135; (3) \$614.  
 R. Pedersen, Fresno—\$37,945; (2) \$130; (3) \$505.  
 F. C. Stolte Co., Alameda—\$38,900; (2) \$200; (3) \$275.  
 Trewhitt-Shields & Fisher, Fresno \$40,595; (2) \$142; (3) \$600.

**SUB BIDS WANTED**  
**MILL VALLEY**, Marin Co., Cal.—De Luen & Son, Inc., 1745 Filbert St., San Francisco, is figuring plans and desires sub bids on all portions of the work for the alterations and additions to the Old Mill School, Mill Valley, for which bids will be opened October 25, 8:00 p.m.  
 Plans prepared by Architect Walter Faich Hearst Bldg., San Francisco.

**Bids Wanted—To Close November 8**

2:00 P.M.

**SCHOOL.** Cost, \$80,000

ROSLYN, Washington.

Two-story frame and brick school (10 classrooms), combined auditorium-gym, boiler room and kindergarten (140 x 114 ft.), maple floors in gym, stage equipment, acoustical work and plaster walls, heated by a vapor vacuum steam system with coal stoker.

Owner—School District 24, Walter Strom, Supt. of Schools.

Architect—John W. Maloney, Larson Bldg., Yakima, Wash.

Plans obtainable from the superintendent of schools, who will open the bids.

**LOW BIDDER**

**FILLMORE, Ventura Co., Calif.—**

Benedict & Gingrich, 1433 E. Colorado St., Pasadena, submitted low bid at \$8,836, and will be awarded

contract by Fillmore Union High School District for plumbing for science building and junior high school building under construction in Fillmore.

John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Los Angeles, architects.

Grant Allotted

**SCIENCE BLDG.** Est. Cost, \$98,540

HONOLULU, T. H. University of Hawaii.

Three-story structural steel frame

fireproof social science building (approx. 112x48 ft.) with two wings (24x24 ft. each); concrete floors and exterior curtain walls; plumbing and electrical facilities.

Owner—Board of Regents, University of Hawaii.

Architect—Claude A. Stiehl, Honolulu.

PWA recently allotted grant of \$41,343 to assist in financing construction of work.

**CONTRACTS AWARDED**

AJO, Ariz.—R. E. Chipperrfield, 1521 W. Fillmore St., Phoenix, awarded general contract by Pima County School District No. 15, at \$72,990, for constr. of classroom bldg and gym at Ajo school. Thomson Plumbing & Heating Co., 229 W. Jefferson St., Phoenix, awarded plumbing and heating contract at \$24,990. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix.

**BIDS OPENED**

SAN FRANCISCO, Cal. — J. W. Bender Roofing & Paving Co., 1999 Bryant St., at the Department of Public Works, City Hall, for laying new tar and gravel roof over concrete slab on cafeteria, at Roosevelt Junior High School, Arguello and Geary Bldgs.

Complete bids follow:

J. W. Bender Roofing & Paving

Co. .... \$136

Malott & Peterson ..... 158

Alta Roofing Co. .... 180

Empire Roofing Co. .... 256

**Bids Opened**

**HARDWARE, ETC.**

NAPA, Calif.

Furnish and install finish hardware and electrical lighting equipment in the Napa Union High School Building.

Owner — Napa Union High School District (Sutro A. Froet, Clerk).

Architect — Wm. Herbert, Rosenberg Bldg., Santa Rosa.

Separate bids were received for electric fixtures and finish hardware.

Complete bids follow:

**Electric Fixtures**

Norman A. Russell, 822 College

Ave., Santa Rosa—\$3,900.

Houck & Houck, Napa—\$4,207.79.

Earl G. Wilson, Napa—\$4,359.74.

**Finish Hardware**

Associated Hardware Co., Inc., 3662

San Pablo Ave., Oakland—\$1,469.

Arnitz Bros., Napa—\$2,005.41.

Bids held under advisement.

**10—BANKS, STORES AND OFFICES****CONTRACT AWARDED**

**ALTERATIONS, ETC.** Cost, \$11,000

OAKLAND, Alameda Co., Calif., 3479

Piedmont Avenue.

Alterations and additions.

Owner—Hill & Kammerer, prem.

Architect—F. H. Slocombe, 4128 Piedmont Avenue.

Contractor—H. T. Caskey, 4215 Carson Street.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.—**P. J. Walker

Co., 3900 Whiteside Ave., will build a

two-story class A office building, approximately 46 x 180 ft. in area, at

2087 Slauson Ave., Los Angeles Co. territory, for the Columbia Steel Co.

Earl T. Heitschmidt, architect, 808

Subway Terminal Bldg. Cost, \$110,000.

Sub-contract bids by invitation only.

**PLANS BEING FIGURED**

**LOS ANGELES, Calif.—**Until Octo-

ber 25, W. M. Bostock, structural

engineer, 6221 Pacific Ave., Huntington Park, is taking bids for a 3-story

frame and stucco office building (40 x 45 ft.), to be built at the corner of

McKinley and Slauson Aves., Los Angeles, for Coast Centerless Grinding Co.

**PLANS BEING FIGURED**

**LOS ANGELES, Calif.—**Architect

Gordon B. Kaufmann, 627 S. Carondelet St., has completed plans for a

2-story, reinforced concrete store building (103 x 90 ft.) to be built at

1160 Westwood Blvd. for Janss Inv. Co., 1081 Westwood Blvd., West Los Angeles. Sontag Drug Stores, leasees.

Janss Inv. Co. is taking general contract bids from a selected list of contractors.

**Sub Contracts Awarded**

**REMODEL STORE** Cost, \$66,000

SANTA BARBARA, Calif. 1132 Figueroa Street.

Exterior and interior remodeling of a

4-story and basement building.

Owner—Montgomery Ward & Co.

Plans by Construction Department of

Owner, Chicago Office.

Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.

**Structural Steel—**Golden Gate Iron

Works, 1541 Howard St., San Francisco.

**Metal Doors—**Richmond Fireproof

Door Co., Chicago, Ill.

**Glass & Glazing—**W. F. Fuller Co.,

Santa Barbara.

**Painting—**National Painting & Service

Co., Chicago, Ill.

**Marble—**Marcore Art Marble, St. Louis, Mo.

As previously reported: Misc. and

Ornamental Iron and Steel Stairs;

Anchor Post Fence Co., 450 Fifth St., San Francisco.

**FIRE LOSS**

**FRESNO, Calif.—**Fire destroyed

eight buildings on Broadway, 150 ft. from the Fresno City Hall, October

16, with damage estimated at \$100,000. Buildings were owned by A. Saroyian and W. Parker Lyon. \* 16

Plans Being Figured—To Close

October 26, 10:00 A.M.

**STORE BLDG.** Cost, \$135,000

BURLINGAME; San Mateo Co., Cal.,

1405 Burlingame Ave., bet. Erim-

rose Rd. and El Camino Real.

Three-story, basement and mezza-

nine, reinforced concrete and brick store building (approx. 55 x

140 ft.).

Owner—Mrs. May E. Bridge, San Francisco.

Lessee—Montgomery Ward & Co.

Civil Engineer—Robert R. Roe.

Plans by Eng. Dept. of Lessee, Chicago office.

Manager of Construction—J. C. Dou-

cha, Oakland.

Following is a partial list of con-

tractors who will submit bids to Mr.

R. H. Fogler, vice-president, Mont-

gomery Ward & Co., Chicago, Ill.:

K. E. Parker Co., 135 So. Park, San

Francisco; H. H. Larsen, 64 So. Park,

San Francisco; Louis C. Dunn, Mo-

nadnock Bldg., San Francisco; Cahill

Bros., 206 S. Sycamore St., San

Francisco; G. W. Williams Company,

315 Primrose Road, Burlingame; F. C.

Stolte Co., 1405 San Antonio Ave.,

Alameda.

**Plans Completed**

**ALTERATIONS** Cost, \$.....

WILLITTS, Mendocino Co., Calif.

Main and Wood Streets.

Remodel former bank building into

drug store, known as Willitts

Pharmacy.

Owner—F. E. Livingstone.

Architect—Not Given.

Contractor—Clarence Dart, Willitts.

**Contract Awarded**

**ALTERATIONS** Cost, \$7,760

SAN FRANCISCO, Russia Avenue,

near Mission St.

Alter building.

Owner—Pac. Tel. & Tel. Co., 140

New Montgomery St.

Plans by Eng. Dept. of Owner.

Contractor—A. D. Coliman, 666 Mis-

sion St.

**Plans Prepared**

**OFFICE BUILDING** Est. Cost, \$5000

BAKERSFIELD, Kern Co., Cal. 1314

17th St.

One-story reinforced concrete office

building.

Owner-Architect—Symmes & Will-

ard; Stanton Willard, architect,

Haberfelds Bldg., Bakersfield.

Symmes & Willard will take aggre-

gated bids.

**Bids Opened**

**ALTER STORE** Cost, \$.....

OAKLAND, Alameda County, Calif.

Fruitvale Ave., near Hopkins.

Alterations to store building.

Owner—Pacific Woodenware & Pa-

per Co.

Architect—Theodore Ruegg, 251

Kearny St., San Francisco.

Low Bidder—A. T. Beckett, 315 14th

St., Oakland, \$8,294.

Complete bids follow:

A. T. Beckett, Oakland, \$8,294

Jensen & Pedersen, Oakland, 8,648

Gaubert Bros., Oakland, 8,800

Peter Sartorio, S. F., 9,390

Olaf Petersen, Oakland, 9,570

**Bids In—Held Under Advisement**

**OFFICE BLDG.** Cost, \$.....

STOCKTON, San Joaquin Co., Calif.,

Washington and America Sts.

Two-story reinforced concrete and

brick building (approx. 50x100 ft.)

Owner—San Joaquin Farm Bureau

Federation.

Civil Engineer—Charles H. Young,

Belding Bldg., Stockton.

Low Bidder—Edward Root, 642 E.

Ninth St., Stockton.

General contract bids were re-

ceived exclusive of heating bids,

which are now being figured.



## PLANS BEING FIGURED

LOS ANGELES, Cal.—Until Oct. 25, bids are being received by the Janss Inv. Co., 1081 Westwood Blvd., West Los Angeles, from a selected list of contractors, for a two-story reinforced concrete store building (103 x 90 ft.) at 1160 Westwood Blvd. Sontag Drug Stores, lessees; G. Kaufmann, Arch. Est. cost, \$58,000.

## 17— THEATRES

Completing Preliminary Plans  
THEATRE Cost, \$.....  
ALAMEDA CO., Calif. Near Hayward.  
New theatre building to seat 300 persons.  
Owner—Withheld.  
Architect—George Patton Simonds, 80 Main St., Hayward.

## 18— WHARVES &amp; DOCKS

ADDITIONAL SUB-CONTRACTS AWARDED  
STORAGE SHED Cont. Pr. \$39,877  
SAN FRANCISCO. Waterfront; Sea Wall, Lot 29.  
Remove existing structures and construct a timber frame storage shed (22,000 sq. ft. floor space), corrugated iron sides, composition flat steel aash.

Owner—State of California (Board of Harbor Commissioners), Ferry Bldg.  
Engineer—Frank G. White, Ferry Building.  
Contractor—Leo Epp, 4745 Geary St., San Francisco.

Glass—W. P. Fuller & Company, 361 Mission Street, San Francisco.  
Concrete—John Casserotto, 6th and Channel Sts., San Francisco.  
Sub-contracts previously awarded published September 30.

## 19—MISC. CONSTRUCTION

Clearing Site  
SUB STATION Appr. Cost, \$73,600  
FRESNO, Cal. G. St., bet. Fresno and Mariposa Sts.  
New sub station.  
Owner—San Joaquin Light & Power Corp.  
Plans by Eng. Dept. of Owner.  
Construction is scheduled to start shortly.

## TO ASK BIDS

LOS ANGELES, Cal.—Technicolor Motion Picture Corp., 823 Seward Ave., will take bids within a few days for a reinforced concrete film vault (32 x 53 ft.), and alterations to a laboratory building at 1016 Cole Ave. and 1025 N. Cahuenga Blvd., for the company. Estimated cost, \$45,000. W. E. Wilson, structural engineer, 4819 Exposition Blvd.

## WORK STARTED

WINSLOW, Navajo Co., Ariz.—The Arizona Elec. Power Co. has started work on a \$100,000 improvement program, including the installation of a 1050-hp. Diesel plant.

## CONTRACT AWARDED

ALAMEDA, Calif.—Ransome Co., 4030 Hollis St., Emeryville, at \$1,508.17, submitted low bid and was awarded contract by the Alameda City Council, City Clerk, City Hall, for constructing a tennis court, High Avenue and Linden Street, Alameda.

Total bids follow:  
Ransome Co., 4030 Hollis Street, Emeryville—\$1,508.17.  
Independent Construction Co. Ltd., Oakland—\$1,535.  
W. H. Larson, Oakland—\$1,625.

## BIDS WANTED

HERMISTON, Umatilla Co., Ore.—Until November 1, 10:00 a.m., bids will be received by the Umatilla Electric Cooperative Assn., J. H. Reed, Secretary, for the construction of 120 miles of electrical distribution line in Umatilla and Morrow Counties, Oregon.

Plans and specifications may be obtained at the office of Baar and Cunningham, Engineers, Spalding Bldg., Portland, upon the deposit of \$10.

## BIDS WANTED

KLAMATH COUNTY, Oregon—Until November 10, 1:00 p.m., bids will be received by the Enterprise Irrigation District, B. W. Short, President, U. S. National Bank Bldg., Klamath Falls, for the construction of a hydro-electric power plant and transmission lines at head of "C" Canal of Klamath Reclamation Project, Klamath Co.

Work involves:  
SCH. 1—Earthwork, slope paving, abutment structure, superstructure, waste gates, trash racks, hand-operated crane.  
SCH. 2—750-h.p. water turbine, equipment and electric work.  
SCH. 3—Transmission lines.  
Plans and specifications may be obtained from the above office upon the deposit of \$20.

## Sub Contracts Awarded

ADDITION Cost, \$.....  
SHELL POINT, Contra Costa Co., Calif. Five miles from Pittsburg. Alterations and additions to laboratory and office building.  
Owner—Shell Chemical Co.  
Plans by Eng. Dept. of Owner, Shell Bldg., San Francisco.  
Contractor—Louis C. Dunn, Monadnock Bldg., San Francisco.  
Structural Steel—Independent Iron Works, 821 Pine St., Oakland.  
Steel Windows—Detroit Steel Products Co., 111 Sutter St., San Francisco.  
Reinforcing Steel—Bethlehem Steel Company, 20th and Illinois Sts., San Francisco.  
Steel Forming Concrete Engineering Co., 1280 Indiana St., San Francisco.  
Concrete Materials—H. J. Kaiser Co., Rialto Bldg., San Francisco.

## CONTRACT AWARDED

PORTLAND, Oregon.—Commercial Iron Works, 412 SE Stephens Street, Portland, at \$69,773, was awarded contract by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 695-38-94, for drydocking and repairing the U. S. seagoing hopper dredge, "Colonel P. S. Michie." Estimated cost, \$66,787.

## Contract Awarded

SEATTLE, Wash.—The Secretary of War has announced an award to the Boeing Aircraft Company, Seattle, Washington, amounting to \$2,318,000, for thirteen additional multi-engine bombing planes, including essential spart parts.

## LOW BIDDER

ADDITION Cost, \$.....  
OAKLAND, Alameda Co., Calif. 2361 Alameda, 29th St.  
Two-story addition to conform with present architecture.  
Owner—Salem Lutheran Home, 2361 E. 29th St.  
Architect—Henry H. Guterson, 526 Broadway, San Francisco.  
Low Bidder—Emil Persson, 829 San Luis Road, Berkeley.

## CONTRACT AWARDED

BLACHLY LANE CO., Oregon.—McFarlane-McKenny Co., 520 S. Pine St., Portland, at \$17,225, awarded con-

tract by the Blachly-Lane County Cooperative Electric Assn., Baar & Cunningham, electrical engineers, 414 Spalding Bldg., for the construction of 47 miles of power lines in western Lane Co. along the Studlaw Highway, west of Junction City.

## Preparing Working Drawings

ADDITION Est. Cost, \$10,000  
SONOMA CO., near Guerneville. Korbel Ranch.

Two-story concrete addition to winery.  
Owner—Korbel & Bros.  
Architect—John Easterly, Healdsburg and Santa Rosa.

Plans will be completed in about one week and general bids asked of local contractors.

## Contract Awarded

SAN FRANCISCO, Cal.—Kinnear Mfg. Co., 361 Brannan St., at \$2079, submitted low bid and was awarded contract by the State Harbor Board, Ferry Bldg., for steel rolling doors for storage shed at Sea Wall Lot No. 29.

Complete bids follow:  
Kinnear Mfg. Co., S. F. \$2,079  
D. A. Pancoast Co., S. F. 2,331  
Acme Partition Co., Inc., Oakland 3,095

## BIDS OPENED

SAN FRANCISCO, Cal.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-45, for drydocking, painting and repairing the U. S. motorboat "H. L. Demeritt":  
Pacific Dry Dock & Repair Co., Oakland—\$1795.

General Engineering & Dry Dock Co., San Francisco—\$1958.  
Anderson Cristofani, San Francisco—\$227.50.

## BIDS OPENED

SAN FRANCISCO, Calif.—Geo. W. Kneass Co., 18th & Illinois Sts., San Francisco, at \$4,850,000 submitted low bid to T. A. Brooks, Purchaser of under Bid No. 1912, for furnishing a power boat for the San Francisco Airport.  
Anderson & Christopherson, at \$5,780.90, submitted only other bid. 19-

## BIDS REJECTED

SACRAMENTO, Calif.—The U. S. Engineer's Office, Lt. Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento rejected all bids under Order No. 8279 for the sale of engine, boiler, machinery and other fixed equipment on the snagboat "Yuba".

## BIDS WANTED

OLIVE VIEW, Los Angeles Co., Cal.—Until Nov. 16, 2 p.m., bids will be received by the Los Angeles Co. Supervisors for furnishing and installing three new 20-hp. water tube boilers with accessories, including piping work, installation and connecting of miscellaneous equipment, and removing four existing boilers in boiler house, Olive View (No. 571; Spec. 418-R. Bids will be taken as follows:

(A) Complete, using 3 1/4-in. diam. No. 10 cage boiler tubes;  
(B) Complete, using 2 1/2-in. diam. No. 10 cage boiler tubes.  
Specifications were prepared by R. E. Shomer, mechanical engineer.

## CONTRACTS AWARDED

SAN FRANCISCO, Calif.—General Engineering & Dry Dock Co., 1109 Sansome Street, at \$28 (item a); and H. C. Thompson, 920 Evans, at \$212 (item b) and \$296 (item c) were awarded contracts by the State Har-

ber Board Ferry Building, San Francisco for drydocking and floating equipment, as follows:

- (A) Drydocking and overhauling the Tug Gov. Markham,  
 (B) Drydocking and overhauling Scow No. 24;  
 (C) Drydocking and overhauling Scow No. 25

Total bids follow:

General Engineering & Dry Dock Co., 1100 Sansome Street, San Francisco—(a) \$258; (b) \$471; (c) \$516.  
 H. C. Thompson, 930 Evans Street, San Francisco—(a) .....; (b) \$212; (c) \$296.

Pacific Dry Dock and Repair Co., Oakland—(a) \$280; (b) \$407; (c) \$465.  
 Bethlehem Shipbuilding Corp., Ltd., San Francisco—(a) \$365; (b) \$485; (c) \$570.

Bruer & Siemer, San Francisco—(a) .....; (b) \$440; (c) \$475.

#### LOW BIDDER

PENDELTON, Umatilla Co., Oregon: Colonial Construction Co., Spokane, Washington, at \$52,830.00 submitted low bid to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-108, for raising the Main St. bridge across the Umatilla River, and raising and strengthening the existing levee at Pendleton, Ore.

Work involves:

- (1) 6,640 cu. excav. for rock toe;
- (2) 2,920 cu. impervious fill;
- (3) 30,000 tons of rock toe protection
- (4) 16,200 tons riprap;
- (5) 1,560 tons furn. stone for revetment;
- (6) 2,400 cu. excav. for levee top wall;
- (7) 1,200 cu. concrete for levee top wall;
- (8) 14,400 cu. borrow excav.;
- (9) 1 job raising Main Street bridge;
- (10) 1 job special concrete work at church;
- (11) 10 cu. concrete for toe wall repairs;
- (12) 50 cu. concrete for wing wall repairs.

#### CONTRACT AWARDED

OAKLAND Calif.—M. E. McGowan Inc., 71 New Montgomery St., San Francisco, at \$4390, was awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, constructing 72 piles at the Municipal Exposition Building Annex 2, Oakland.

#### BIDS OPENED

UTAH-IDAHO-WYOMING.—Following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 952-D for aerial surveys for the Green River-Bear River Investigation, Utah-Idaho-Wyoming.

Work involves:

- (1) 1600 sq. mi. aerial photography at a negative scale and furnishing contact prints and index maps from the vertical negatives;
  - (2) Making an aerial photographic controlled mosaic map of the area.
- Total bids follow:
- Harris & C. Ryker, Inc., Oakland, Cal.—1, \$6.95 per sq. mi.; total \$1,120; 2, \$2.95 per sq. mi.; total \$5,220; 10, 10 days.

Southwestern Aerial Surveys, Inc., Austin, Texas—(1) \$6.50 per sq. mi.; total, \$10,400; (2) \$4.00 per sq. mi.; total, \$6,400; 10, 10 days.

Wallace Aerial Surveys, Spokane, Wash.—1, \$7.10 per sq. mi.; total, \$11,840; (2) \$6.10 per sq. mi.; total, \$10,240 net.

## 20—MISC. SUPPLIES AND MATERIALS

#### BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until October 22, 10:00 a. m., bids will be received by R. M. Dorfman, City Manager, for furnishing vit. clay sewer pipe as follows: 3500 to 696 ft. 6-in. std. strength, 20.00 to 4000 ft. 8-in. std. strength, 628 ft. 21-in. extra strength, 20 pieces 21-in. extra strength, each piece cut for a 6-in. stub, 32 pieces 18 x 6-in. extra strength wyes.

Plans and specifications may be obtained from J. W. B. Blackman, City Engineer-Director of Public Service, upon deposit of \$1 for each set, returnable. Certified check, bank draft, or bond, for 10%.

#### BIDS WANTED

BEVERLY HILLS, Los Angeles Co., Cal.—Until October 26, 8:00 p. m., bids will be received by the Beverly Hills City Council, B. J. Firminger, City Clerk, for furnishing and installing one or more submerged type motor and turbine pumps.

Plans and specifications prepared by Taylor & Taylor, consulting engineers, 752 So. Spring St., Los Angeles.

#### BIDS WANTED

LOS ANGELES, Cal.—Until Oct. 28, 3 p. m., bids will be received by U. S. Engineer, Los Angeles, for metal cribbing delivered to Fletcher Dr. bridge crossing, Los Angeles River. Circ. Prop. 85.

#### CONTRACT AWARDED

SACRAMENTO, Calif.—Dunham, Corrigan & Hayden Co., Kansas and Division Streets, San Francisco, at \$463.83, was awarded contract by the Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, 208 Post Office Bldg., Sacramento, for furnishing pipe, valves, etc.; f.o.b. Redding, Cal.

Total bids follow:

Dunham, Corrigan & Hayden Co., Kansas and Division Sts., San Francisco .....	\$463.83
Crane Co., S. F. ....	463.83
Oakland Sheet Metal Co. ....	464.79
Thomas Diggs Co., Sacramento .....	463.83
Richmond Sanitary Co., S. F. ....	463.83
Standard Supply Co., S. F. ....	463.83
P. J. Pipe Co., S. F. ....	463.83
Jae L. LeFebre & Son, Redding .....	483.32
Tay-Holbrook Inc., S. F. ....	463.83
Dulman Supply Co., Sacramento .....	463.83

#### CONTRACT AWARDED

SAN FRANCISCO, Cal.—Emmons Drafting and Safe Moving Co., 26 Davis St., San Francisco, at \$1072.50, was awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1910, for hauling soil, etc., for the Municipal Railway.

#### BIDS OPENED

SAN FRANCISCO.—The following submitted bids to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1906, for furnishing gate valves: f.o.b. cars or docks at San Francisco.

Bids were taken on the following: PROPOSITION "A": Furnishing any lot, but no portion of any lot.

LOT 1:  
 (1) 42-inch diam., non-rising stem, double disc, spur geared, gate valves for 50 lbs. water working pressure;

LOT 2:  
 (1) 24-inch diam., non-rising stem, double disc, spur geared, gate valves for 100 lbs. water working pressure;

(2) 30-inch diam., non-rising stem,

double disc, spur geared, gate valves for 50 lbs. water working pressure;

LOT 3:  
 (4) 24-inch diam., non-rising stem, double disc, gate valve for 50 lbs. water working pressure.

PROPOSITION "B": Furnishing Lot Nos. 1, 2 and 3 combined;

LOT 1:  
 (1) One 42-inch diameter gate valve;

LOT 2:  
 (6) Two 30-in. diameter gate valves;

LOT 3:  
 (7) Two 24-in. diameter gate valves.

Bidders were:

(A) Crane Co., San Francisco.  
 (B) Mueller Co.  
 (C) Iowa Valve Co.  
 (D) Chapman Valve Mfg. Co.  
 (E) Kennedy Valve Mfg. Co.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	1870	1516.20	.....	1253.00	1178.27
(2).....	830	673.05	.....	599.00	545.97
(3).....	705	614.25	450	598.00	458.29
(4).....	368	308.70	270	283.00	248.48
(5).....	1870	1369.20	.....	1190.35	1140.65
(6).....	830	579.65	.....	569.05	498.81
(7).....	368	281.40	.....	268.65	243.50

#### BIDS OPENED

CENTRAL VALLEY PROJECT.—Following submitted bids to the Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, 208 Old Post Office Bldg., 7th and K Streets, Sacramento, under Bid No. D-392-A, for furnishing 225 bags Portland cement in cloth sacks for Contra Costa Canal (Delta), f.o.b. shipping point and/or Oakley, Cal.

Cowell Lime & Cement Co., San Francisco—\$498.15, f.o.b. Oakley, California.

Yosemite Portland Cement Corp., Monolith Cement Co., Los Angeles—\$576, f.o.b. Oakley.

Santa Cruz Portland Cement Co., San Francisco—\$568.38, f.o.b. Oakley.

Pac. Portland Cement Co., San Francisco—\$558, f.o.b. Oakley.

Calaveras Cement Co., San Francisco—\$558, f.o.b. Oakley. (Alt. \$463.75, f.o.b. Kentucky House).

#### BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-99, for furnishing Douglas fir lumber of various sizes, f.o.b. Rio Vista.

Total bids follow:

Knox Lumber Co., Sacramento—\$224.92, 2% 10 days, 3 days delivery.  
 Loop Lumber Co., San Francisco—\$387.50, 2% 30 days, 10 days delivery.  
 Noah Adams Lumber Co., Walnut Grove—\$360.18, 2% 10 days, 12 days delivery.

#### CONTRACT AWARDED

Oakland, Calif.—Kellogg Switchboard & Supply Co., 246 First Street, San Francisco, at \$12,947.79, was awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing paper insulated lead covered cable, as follows:

(1) 834 feet; (2) 441 feet; (3) 3470 feet; and (4) 1227 feet.

#### BIDS OPENED

PARKER DAM, Calif.-Ariz.—The following submitted identical bids at \$149 per bbl. to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colo., under Spec. No. 977-D, for approximately 160,000 bbls. of low-heat portland cement for the Parker Dam Project, California-Arizona; f.o.b. shipping point and/or Elarp, Calif.

Monolith Portland Cement Co., Los

Angeles, Calif., f.o.b. Monolith, Cal. Joint Bid: Riverside Cement Co., California Portland Cement Co., Southwestern Portland Cement Co., Los Angeles, Calif., f.o.b. Crestmore, and/or Oro Grande, Colton and Victorville, Calif., or at any of said points at bidder's option if any company's cement fails to meet tests. \* 20

**BIDS OPENED**

**SAN FRANCISCO, Cal.**—Following submitted bids to A. B. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1911, for furnishing (1) oil burners and (2) boilers for Park Meadows Project.

Ray Oil Burner Co., (1) \$280; total \$575.30.

S. T. Johnson Co., (1) \$303; total, \$624.71.

Crane Co., (1) \$295; total \$607.70, (2) \$18.44; total \$561.99; discs, (2) \$33.40—15 days.

Pacific Steel Boiler Division of U. S. Radiator Corp., (1) \$18.44; total \$861.99; disc, (2) \$33.40—15 days.

Enterprise Oil Burner Co., (1) \$310.50; total \$639.63.

**BIDS WANTED**

**SEATTLE, Wash.**—Until Oct. 29, 10 a.m., bids will be received by Willard W. Pape, Purchasing Agent, Seattle, for one combination motor pumping engine and hose car equipped with suction hose, nozzles, portable fire extinguishers, ladders, etc.

**BIDS OPENED**

**KENDRICK PROJECT, Wyoming.**—Following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, Colorado, under Spec. No. 938-D, for furnishing approximately 4000 bbls. of modified Portland cement in bulk for the Seneca Dam, Kendrick Project, Wyoming, f.o.b. shipping point and/or Parco, Wyoming.

U. S. Portland Cement Co., Denver, Colo.—\$275 per bbl, disc. 10c bbl, 15 days, f.o.b. Parco, Wyoming.

Colorado Portland Cement Co., Denver, Colorado—\$275 per bbl, disc. 10c bbl, 15 days, f.o.b. Parco, Wyo.

Monolith Portland Midwest Co., Denver, Colorado—\$185 per bbl, disc. 10c bbl, 15 days, f.o.b. Laramie, Wyo.

**BIDS WANTED**

**ALAMEDA, Calif.**—Until October 28, 8:15 p.m., bids will be received by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Avenue, Alameda, for furnishing weather-proof wire (URC type).

Plans and specifications may be obtained from the above office. \*

**BIDS OPENED**

**LOS ANGELES, Cal.**—The following submitted bids to the Los Angeles County Purchasing Agent, Los Angeles, under Quot. 5230, for furnishing (1) 1650 sacks cement in paper sacks delivered to warehouse at 1640 Eastlake Ave.; (2) same delivered to San Gabriel Dam No. 2 and (3) 1000 sacks cement in paper sacks for 1640 Eastlake Ave.

Total bids follow:  
Bluff Diamond Corp.—(1), (2) and (3), \$0.53 sack; minimum deliv 300 sacks; disc \$0.05 sack, 10th prox.

California Portland Cement Co.—(1) \$0.53; (2) \$0.58; (3) \$0.53; disc \$0.05 sack, 10th prox; 300 sack minimum deliv.

Riverside Cement Co.—(1) \$2.12; (2) \$2.32; (3) \$2.12; disc \$0.20 bbl, 10th prox; minimum deliv 75 bbls.

Graham Bros.—(1) \$2.12; (2) \$2.32; (3) \$2.12; disc \$0.20 bbl, 10th prox.; minimum deliv 300 sacks by truck

and 640 sacks by rail, except at San Gabriel Dam

Monolith Portland Cement Co.—(1) no bid; (2) \$0.58 in 300 sack deliv; (3) \$0.52; disc \$0.05 sack, 10th prox.

Arrow Rock Co.—(2) \$0.63; (3) \$0.53; disc \$0.025 sack, 10th prox.

Southwestern Portland Cement Co.—(2) \$2.32; (3) \$2.12; disc \$0.20 bbl, 10th prox; minimum deliv 300 sacks.

**BIDS OPENED**

**MODESTO, Stanislaus Co., Calif.**—Following submitted bids to the Modesto City Council, H. E. Gragg, City Clerk, 717 10th St., for furnishing materials, as follows:

(1) Two 36-in., 150 lbs. per ft., wide flange steel beams, each 40 ft. 6 in. long;

(2) Three 21-in., 132 lbs. per ft., wide flange steel beams, each 28 ft. 7 1/2 in. long;

(3) Twelve 4-in. by 3 1/2-in. by 5/8-in., steel angles, each 18 inches long, connected to the 21-in. beams with rivets

Herrick Iron Wks., Oakland.....\$94.95  
Judson-Pacific Co., S. F.....1025.00  
Bethlehem Steel Co., S. F.....1112.00  
Golden Gate Iron Works, S. F.....1150.00

California Steel Products Co., San Francisco.....1158.70  
Schrader Iron Works, Inc., San Francisco.....1225.70

Valley Steel & Welding Works, Stockton.....1261.75  
Kyle & Co., Fresno.....1580.95

**BIDS OPENED**

**SACRAMENTO, Cal.**—The following submitted bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for furnishing cast-iron pipe and fittings for the Sacramento Water Department, as follows:

- (1) 8000 ft 6-in cast iron pipe;
- (2) 2000 ft 8-in do.;
- (3) 2000 ft 4-in do.;
- (4) 10 ft 6-in cast iron all bell tees;
- (5) 10 ft 6-in cast iron elbows;
- (6) 10 ft 8-in cast iron all bell tees;
- (7) 10 ft 8-in cast iron elbows.

Bidders were:  
(A) American Cast Iron Pipe Co., San Francisco.

(B) Grinnell Co. of the Pacific, San Francisco.

(C) U. S. Pipe & Foundry Co., San Francisco.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$0.78	\$0.783	\$0.77
(2)	1.13	1.176	1.15
(3)	.51	.515	.50
(4)	7.90	8.20	10.00
(5)	5.00	5.50	6.50
(6)	12.30	12.16	14.70
(7)	7.50	8.31	9.14

**CONTRACT AWARDED**

**OAKLAND, Cal.**—Bethlehem Steel Co., Webster and Tynan Sts., Alameda, at \$1602, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal #17, for furnishing 324 7 1/2-in. square steel rods.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Following submitted bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for furnishing gate valves for the Sacramento City Water Department, as follows:

(1) 24-inch double disc, (2) 26-inch double disc.

Lappen and Hawley, Inc., Sacramento (1), \$161.17; (2), \$26.95.

Waterwork Supply Co., San Francisco (1), \$187.11; (2), \$20.81.

Following submitted identical bids at (1) \$17.82, (2) \$29.70: Crane Co., San Francisco; Grinnell Co. of the

Pacific, San Francisco; Dallman Supply Co., Sacramento; Tay-Holbrook Inc., San Francisco; Smith Hardware Co., Sacramento; Sacramento Pipe Works, Sacramento; Walworth California Co., San Francisco; and Thomson-Diggs Co., Sacramento.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—The East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, awarded the Imperial Irrigation District Spec. No. LS 296, for furnishing 16,000 tons of crushed rock, sand and gravel.

Blake Bros., San Francisco—Sch. 1, Item 1: \$7000.

Superior Rock Co.—Sch. 1, Items 2 and 3: \$3,950.

Melrose Bldg. Materials Co., Oakland—Sch. 1, Items 4 and 5: \$1,237.50.

Heafey-Moore Co., Oakland—Sch. 2; Zone Two, Items 1, 3 and 4; Zone Three, Items 1, 3 and 4.

Hutchinson Co., Oakland—Sch. 2; Zone One, Items 1 to 8; Zone Two, Items 2, 5, 6, 7 and 8; Zone Three, Items 2, 5, 6, 7 and 8.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Consolidated Rock Products Co., at \$12,216, awarded contract by U. S. Engineer, Los Angeles, for 5000 tons coarse aggregates and 2800 tons sand; f.o.b. 1700 N. Alameda St., Compton; Circ. Prop. 62.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—American Rubber Mfg. Co., Park Avenue and Watts St., Oakland, at \$695 is was awarded contract by the Oakland City Council, C. C. Clark, Oakland, for furnishing 6000 ft. of 1 1/2 inch fire hose.

**CONTRACTS AWARDED**

**EL CENTRO, Imperial Co., Cal.**—Newport News Shipbuilding & Dry Dock Co., Newport News, Va., at \$120,000, has been awarded the contract by the Imperial Irrigation District for one 13,300 h.p. turbine with 12-ft. wheel, spare parts, and a governor, for the district's new hydroelectric plant on the All-American Canal, at Drop Four.

Elliott Co., Pittsburgh, Pa., at \$119,150.13, was awarded the contract for the 12,000 kva generator.

**BIDS WANTED**

**ALAMEDA, Calif.**—Until October 28, 8:15 p.m., bids will be received by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Avenue, Alameda, for furnishing watt hour meters.

Plans and specifications may be obtained from the above office. \* 20

**BIDS WANTED**

**ALAMEDA, Calif.**—Until October 28, 8:15 p.m., bids will be received by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Avenue, Alameda, for furnishing insulated lead covered cable.

Plans and specifications may be obtained from the above office. \*

**BIDS WANTED**

**ALAMEDA, Calif.**—Until October 28, 8:15 p.m., bids will be received by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Avenue, Alameda, for furnishing incandescent lamps.

Plans and specifications may be obtained from the above office. \*

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, System	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

**SAN DIEGO CO., Calif.**—As previously reported, until Oct. 26, 3 p.m., bids will be received by the State Highway Department, 1305 Harbor Blvd., San Diego, for construction of a timber bridge and approaches in San Diego County at San Felipe Creek, about 11.8 miles east of Julian (X1-S.D.-198-E.F.).

The work involves:

- (1) 750 c.y. struc. excav.;
  - (2) 300 c.y. channel excav.;
  - (3) 2000 c.y. imported borrow in place;
  - (4) 10 sta. finishing roadway;
  - (5) 2 tons liq. asph., SC-2, in place (prime coat);
  - (6) 12 tons liq. asph., SC-2, in place (road mix surf. treatment);
  - (7) 1900 sq. yds. prepare, mix, and shape roadbed;
  - (8) 70 ft. existing pipe culverts removed, cleaned and salvaged or disposed of;
  - (9) 220 ft. bank protection fence in place, type A;
  - (10) 120 ft. bank protection fence in place, type B;
  - (11) 355 ft. bank protection fence in place, type C;
  - (12) 50 ft. bank protection fence in place, type D;
  - (13) 900 c.y. rock filling material, in place;
  - (14) 11,000 lbs. bar relin. steel, in place;
  - (15) 68 c.y. class A cement concrete, in place;
  - (16) 27 MF8M treated Douglas Fir timber, in place;
  - (17) 250 ft. timber railing, in place;
  - (18) 792 ft. furnishing treated Douglas Fir piles;
  - (19) 44 driving treated Douglas Fir piles, in place;
  - (20) 2 clearance markers complete, in place;
  - (21) 7 monuments complete, in place.
- Plans and specifications may be obtained at the office of the engineer at the above address. Cash or certified or cashier's check for 10% must accompany each proposal.

### BIDS OPENED

**LOS ANGELES, Calif.**—E. G. Perham, 1128 Stearns Drive, at \$5,959, submitted low bid to the Los Angeles County Supervisors, 501 Hall of Records, Los Angeles, for constructing a steel concrete and timber bridge on Mulberry Road over La Mirada Slough. It will have one 60-ft. span with 24-ft. roadway, reinforced concrete deck and wood bulkhead and abutments.

Work involves: (1) 21.84 tons struc. steel (to be furnished by the county);

- (2) 5.22 tons struc. steel (to be furnished by contractor);
  - (3) 950 lbs. bolts, etc.;
  - (4) 23 gals. paint;
  - (5) 8760 lbs. relin. steel;
  - (6) 438 c.y. excav.;
  - (7) 360 lbs. washers;
  - (8) 16,000 bd. ft. creosoted Douglas
- (9) 53 c.y. remove old concrete.
- Total bids follow:
- Standard Constr.—\$6732.  
E. G. Perham, 1128 Stearns Drive—\$5,959.

Oberg Bros.—\$6426.  
Culbertson Bros.—\$6646.  
Huffman Engrg. & Constr. Co.—\$7175.

E. S. and N. S. Johnson—\$7240.  
Oscar Oberg—\$7784.  
Thos. McIlvenna—\$7800.  
Contracting Engrs. Co.—\$9222.  
Paul D. Lawrence Co.—\$9472.  
Valley Constr. Co., San Jose—\$9,981.

### COMPLETE BIDS

**PENDELTON, Umatilla Co., Ore.**—As previously reported, Colonial Construction Co., Spokane, Washington, at \$82,889.00 submitted low bid to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-108, for raising the Main St. Bridge across the Umatilla River, and raising and strengthening the existing levee at Pendleton, Ore. Estimated cost, \$161,336.00.

Total bids follow:  
Colonial Construction Co., Spokane, Washington—\$82,889.  
H. L. Gates, Portland, Oregon—\$85,152.60.

Leonard & Slate, Multnomah—\$95,273.  
J. A. Tertelling & Sons, Boise, Ida. \$98,956.80.  
MacRae Bros., Seattle, Washington \$101,650.50.  
Sam Orino, Boneville, Oregon—\$115,472.50.  
Clifford A. Dunn, Klamath Falls, Oregon—\$116,115.  
Newport Construction Co. & Kern & Kibbe, Portland, Oregon—\$127,305.  
Siems-Spokane Co., Spokane, Wash.—\$138,680.  
Morrison-Knudson Co., Boise, Idaho—\$148,872.

### BIDS WANTED

**MENDOCINO COUNTY, Calif.**—Until November 10, 2:00 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge consisting of one 50-ft. span and two 35-ft. spans on concrete piers and abutments with pile foundations

across Elk Creek about 15 miles north of Point Arena and about 3 miles grading and applying penetration oil treatment, Mendocino Co.

Work involves:

- (1) 1 lot clear and grub.
- (2) 175 M. gals water.
- (3) 14,400 c.y. rdwy. excav. without class.
- (4) 350 c.y. struc. excav.
- (5) 23,000 sta. yds. overhaul.
- (6) 1500 c.y. import borrow.
- (7) 17 sta. finishing roadway.
- (8) 10 tons liq. asphalt SC-2.
- (9) 62,000 lbs. bar relin. steel.
- (10) 300 c.y. class A Portland cement concr. struts.
- (11) 42 c.y. class A Portland cement concr. slope paving.
- (12) 292 lin. ft. timber railing.
- (13) 350 lin. ft. furnish treated Douglas fir piles.
- (14) 43 each driving timber piles.
- (15) 350 lin. ft. furnish steel piles.
- (16) 14 each driving steel piles.
- (17) 46 lin. ft. 8-in. C M P.
- (18) 190 lin. ft. 18-in. C M P.
- (19) 1 each spillway assemblage.
- (20) 1 each C M P elbow.
- (21) 1 each frame and grating for drop inlet.
- (22) 8 each culvert markers.
- (23) 14 each guide posts.
- (24) 1 existing bridge to be removed and disposed of.
- (25) 1 lot misc. items of work.

The State will furnish C M P embankment protectors and the C M P elbow.

Plans and specifications may be obtained from the above office. \* 21

### BID CALL CANCELLED

**MERCED COUNTY, Calif.**—The State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, cancelled the call for bids for the construction of an undergrade crossing under the tracks of the Southern Pacific Co., at Livingston, consisting of a steel girder track span on concrete abutments and pier and approximately 1.9 miles of roadway to be graded and paved with Portland cement concrete, Merced County.

### BIDS WANTED

**MENDOCINO CO., Calif.**—Until Nov. 10, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge, consisting of 16 slab spans having a total length of 388 feet, supported by an open spandrel arch and concrete bents, across Jughandle Creek, five miles south of Fort Bragg and for about 3 ml. of roadway to be graded and treated with asphalt, Mendocino County.

Work involves:

- (1) 1.8 acres clear and grub;
- (2) 145 M. gals water;
- (3) 755 c.y. roadway excav., without classification;
- (4) 1,400 c.y. stripping;
- (5) 900 c.y. imported borrow;
- (6) 600 c.y. struc. excav.;
- (7) 420 c.y. ditch and channel excavation;
- (8) 300 sta. yds. overhaul;
- (9) 1,400 c.y. import surf. matl.;
- (10) 18 sta. finishing roadway;
- (11) 9 tons liq. asph., SC-1A;
- (12) 211,000 lbs. bar relin. steel;
- (13) 835 c.y. class A portland cement concrete struts;
- (14) 291 c.y. class A portland cement concrete arch ribs and struts;

## Capital City Title Company

•

### JAMES E. BANCROFT

Manager

•

831 J Street  
Sacramento : Calif or ia

- (15) 27 c.y. class A portland cement concrete railing;  
 (16) 48 lf. 8-in. CMP;  
 (17) 82 lf. 18-in. CMP;  
 (18) 1 each, spilling assembly;  
 (19) 2 each, drop inlet frames and grates;  
 (20) 0.25 m. new property fence;  
 (21) 2 each, drive gates;  
 (22) 5,700 lbs. misc. steel;  
 (23) 6 each, monuments;  
 (24) 1 only, existing bridge removed and disposed of;  
 (25) 1 lot misc. items of work.  
 The State will furnish CMP spilling assemblies and hand couplers. Plans and specifications may be obtained from the above office. \* 21

**BIDS WANTED**

**SAN FRANCISCO**—Until Nov. 3, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, San Francisco, under Spec. No. 19084, for painting the Third Street Bridge over Channel Street waterway. Estimated cost, \$2,900.

Plans may be obtained from the office of City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of \$10.

**CONTRACT AWARDED**

**SACRAMENTO CO., Calif.**—M. A. Jenkins, 3560 Y St., Sacramento, at \$7,928, was awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, Distr. III, 703 B St., Marysville, for repairing a bridge by removing existing deck and replacing pre-cast lightweight concrete slabs and Class A Portland cement concrete across the Sacramento River at Paintersville.

**LOW BIDDER**

**PIERCE COUNTY, Washington**—Sam Orino, Bonneville, at \$64,822, submitted low bid to the U. S. Bureau of Public Roads, District Engineer, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for the construction of a 78-ft. span, filled sandpile, stone faced, reinforced concrete arch bridge over Deer Creek, together with .0288 mile approach grading, Mt. Rainier National Park, State Highway Project 5-D, Deer Creek Bridge and Approach Grading, Mt. Rainier National Park, Pierce County, Wash.

Work involves:

- (1) All reqd. extra and misc. force account work;
  - (2) 3,800 c.y. unclass. excav.;
  - (3) 700 c.y. Class A concrete;
  - (4) 61,000 lbs. reinforcing steel;
  - (5) 1,300 c.y. Class A cement stone masonry (walls);
  - (6) 200 c.y. Class A cement stone masonry (facing);
  - (7) 209 lf. Class A cement stone masonry (curbstones);
  - (8) 950 sq. ft. Class A cement stone masonry (ringstones);
  - (9) 900 sq. yds. membrane waterproofing;
  - (10) All reqd. maintenance of special detour.
- Complete bids will be published shortly.

**22—DREDGING HARBOR WORKS, EXCAVATION****TO ASK BIDS SHORTLY**

**PORTLAND, Ore.**—Captain S. I. Damon, District Engineer, U. S. Engineer Office, has received authority to immediately call for bids for reconstruction of the north jetty of the Columbia River entrance. Estimated cost, \$1,500,000. \$460,000 has been allotted for expenditure on project up to July 1, 1938, and additional allotment expected to complete task. Work will consist of constructing

a gauge railroad track along 2½ miles, placing new rock on jetty and to raise it to desired height over water and for the construction of a concrete terminal at outer end to keep jetty from unraveling. Terminal will consist of 1700-ton block, 46 ft. long, 30 ft. wide, 16 ft. high, surrounded by 10 smaller blocks, each weighing 170 tons anchored by heavy chains to large blocks. A secondary jetty one mile long will be constructed south-easterly from Cape Disappointment to help stabilize entrance channel.

**23—CANALS****BIDS WANTED**

**ALL-AMERICAN CANAL**—Until Nov. 1, 10 a.m. bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., for the construction of the Siphon Drop turnout, station 775 + 00, and drainage inlets, stations 225 + 25 to 251 + 75, and 321 + 30, All-American Canal, Boulder Canyon Project, Arizona-California-Nevada.

Work involves:

- SCHEDULE NO. 1**
- Siphon Drop Turnout, Sta. 775+00
  - (1) 23,700 cu. yd. excav. for struc.;
  - (2) 7500 cu. yd. excav. for enlargement of Yuma canal.
  - (3) 15,900 cu. yd. excav. for raising the banks of Yuma canal;
  - (4) 43,400 sta. cu. overhaul;
  - (5) 600 cu. yd. compacted subbase;
  - (6) 7500 cu. yd. backfill about struc.;
  - (7) 1250 cu. yd. puddling or tamping backfill about struc.;
  - (8) 1460 cu. yd. coner. in struc.;
  - (9) 250,000 lbs. placing reinf. bars;
  - (10) 370 sq. ft. install elastic joint filler material;
  - (11) 395 lf. install rubber water stops;
  - (12) 250 sq. yds. dry rock paving;
  - (13) 260 cu. yd. gravel blanket under riprap;
  - (14) 1154 cu. yd. riprap;
  - (15) 116 cu. yd. construct reverse filters;
  - (16) 1000 lbs. lay 4-in. and 6-in. dia. C pipe with open joints;
  - (17) 900 lbs. install C pipe with threaded connections;
  - (18) 253,700 lbs. drive steel sheet piling;
  - (19) 500 lbs. install pipe hand rails;
  - (20) 25,200 lbs. install gates and gate hoists;
  - (21) 5100 lbs. install misc. metalwork;
  - (22) 250 lf. install elec. metal conduit 1-in. or less in diam.;
  - (23) 50 lf. install elec. metal conduit more than 1-in. in diam.;

**SCHEDULE NO. 2**

- Drainage Inlets, Sta. 225+25, 251+25, 251+75, and 321+30**
- (1) 1200 cu. yd. excav. for struc.;
  - (2) 730 cu. yd. backfill about struc.;
  - (3) 263 cu. yd. puddling or tamping backfill about struc.;
  - (4) 270 cu. yd. coner. in struc.;
  - (5) 27,200 lbs. place reinf. bars;
  - (6) 1100 sq. yds. dry rock paving;
  - (7) 50 cu. yd. riprap;
  - (8) 56 lf. install rubber water stops.
- Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**BAKERSFIELD, Kern Co., Calif.**—John N. Harvey, Route 2, Box 309-A, Bakersfield, at \$63,140, submitted low bid and was awarded contract by the Bakersfield City Council, Van Riper, City Clerk, City Hall, for the construction of a reinforced concrete siphon at 2nd Street and Stone Canal Extension, Bakerfield Engineer's estimate, \$8,025.

Work involves:

- (1) 290 cu. yd. concrete cement con.
  - (2) 24,000 lb. reinf. steel.
  - (3) 15 cu. yd. concrete excavation.
- Total bids follow:

- (A) John N. Harvey, Route 2, Box 309-A, Bakersfield—\$6,314.40  
 (B) E. Frank Barr, Ventura—\$7,067.  
 (C) Opperman & Co., Bakersfield—\$7,311.90.  
 (D) A. J. Hendricks, Bakersfield—\$7,658.72.  
 (E) Valley Construction Co., San Jose—\$7,991.  
 (F) Rexroth & Rexroth, Bakersfield, \$8,120.50.  
 (G) F. A. Greenough, Bakersfield—\$8,359.  
 (H) Griffith Co., Los Angeles—\$8,456.

(I) Macco Construction Co., Clearwater—\$8,819.  
 Unit prices follow:

	(1)	(2)	(3)
(A)	17.00	.0525	.80
(B)	19.99	.06	1.10
(C)	20.00	.06548	3.60
(D)	17.99	.065	2.00
(E)	21.50	.06	2.00
(F)	22.50	.055	1.75
(G)	24.00	.055	.50
(H)	23.25	.05	3.25
(I)	24.90	.06	1.00

**24—STREET LIGHTING****CONTRACT AWARDED**

**EXETER, Tulare Co., Calif.**—R. A. Wattson, 1026 N. McCadden Place, Los Angeles, at \$13,958.56, awarded contract by Exeter City Council, Allen Jordan, City Clerk, City Hall, Exeter, for the removing of present system of electroliers and cables involving 4,000 ft. of cable and 20 electroliers, standards and units, and installing 6 blocks about 4000 ft. of cable and 32 20-ft. single light pendant electroliers or more. Bids are also requested for an additional three blocks about 2500 feet of cable and twelve 20-foot single light pendant electroliers.

**25—MACHINERY AND EQUIPMENT****BIDS OPENED**

**SAN BERNARDINO, Calif.**—A. C. Bussey, Riverside, submitted the low bid to the State Highway Dept., San Bernardino, for the rental of 3 cu. yds. capacity dump trucks and one 1½ yd. or more cap. city power shovel, for use in San Bernardino and/or Riverside Counties.

The bid was:

- (1) Transportation of each truck, no charge;
- (2) operating rate power loading, \$218 hr.;
- (3) operating rate hand loading, \$178 hr.;
- (4) standby time for trucks, no charge;
- (5) transportation of shovel, no charge;
- (6) operating rate for shovel, \$245 hr.;
- (7) standby time for shovel, no charge.

Harry C. Hagan, San Pedro, submitted the second low bid at (1) no charge, (2) \$180, (3) \$185, (4) no charge, (5) dump run of \$395, (7) no charge.

**BIDS OPENED**

**PHOENIX, Maricopa Co., Ariz.**—American La France & Foamite Corp., at \$14,910, submitted the low bid to the Phoenix city manager, H. L. Walsh, for furnishing a 12-cylinder fire truck. The Seagraves Corporation bid \$14,950.

Bids for a tender truck were submitted by the following: Seagraves Corp., \$17,500; Neil McGinnis Co., \$13,450; Ahrens-Fox Co., \$14,485.

**RECOMMENDED FOR AWARD**

**SANTA MONICA, Los Angeles Co., Calif.**—Santa Monica city council has recommended award of contract to American La France & Foamite Industries, Inc., at \$12,255, for a pump-jet engine for the Fire Dept. Ac-

tual award of contract will be withheld until funds are available. \* 25

#### BIDS OPENED

**CENTRAL VALLEY PROJECT**—The following submitted bids to the Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, Sacramento, for the rental for four months of one electric motor-driven pump, 100 gpm. capacity, under maximum head of 400 ft., complete with 220-volt, 3 phase, 60-cycle motor. Pump to be used to pump water from river to reservoir above for washing and grouting operations, f.o.b. shipping point.

Byron Jackson Pump Co., Berkeley. Purchase of pump, \$315.80, f.o.b. Berkeley. Rental, 25% off of sale price for the 1st month, and 10% per month afterwards.

Western Machinery Co., Sacramento—\$100 per mo. for the 1st 3 months; \$80 per month afterwards, for 20 h.p., f.o.b. Sacramento; \$112.50 per month for the first 3 months, \$75 per month afterwards, for 25 h.p.

#### BIDS OPENED

**SAN FRANCISCO, Cal.**—P. & H. Construction Co., at \$50 per day, net, submitted the only bid to the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, under Bid No. 4570, for the rental of one trencher, capable of excavating trench of 13 ft. 6 in., depth 42 inches; f.o.b. Trenchsite for the construction of a collecting sewage system in San Jose, Cal. \* 25

#### BIDS WANTED

**FRESNO, Calif.**—Until October 28, 3:00 p.m., bids will be received by the Division of Highways, F. F. Green, Superintendent of Equipment, Shop 6, 145 West Olive Ave., Fresno, for furnishing equipment, as follows: CHC 27 Drill, B. Fersall-Roland, "Jackhammer," S-49, Dry type, CHC 13 Lighting Plant, Kohler portable, 10 kw, Mod. 10A1-534. CHC 21 Cross-over Switch, 135-ampere, Kohler make.

CHC 84 Mixer, Cement, Twentieth Century No. 5, 1/2-sack.

CHC 135 Snow Plow, Baker No. 17, 10-ft. blade, one-way.

CHC 174 Snow Plow, Snow King Rotary, Mod. S-61, with adjustable chutes, for use with Caterpillar "50" tractor.

CHC 175 Snow Plow, Baker No. 6, heavy duty, reversible type, 10-ft. blade; for use with from 3 to 7-ton trucks.

CHC 177 Snow Plow, same as CHC No. 175.

CHC 178 Snow Plow, same as CHC No. 175.

Plans and specifications may be obtained from the above office. \*

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—M. E. McGowan, Inc., 74 New Montgomery St., San Francisco, at \$29,375.00, was awarded contract by the United States Engineer, Los Angeles, for RENTAL of core drilling equipment complete with accessories and operating personnel, for drilling through overburden and rock and for taking dry samples and cores and performing pressure tests in Orange County Flood Control District, under Circ. Prop. 59:

Prado Retarding Basin  
(1) at First 3750 drill rig hours (4 drill rigs);

(b) 1250 drill rig hours after first 3750 hours.

#### BIDS WANTED

**PICOCHE, Lincoln Co., Nevada**—Until November 12, 2:00 p.m., bids will be received by the Lincoln

County Board of County Commissioners, Sarah Gentry Ross, Clerk, Court House, Pioche, Nevada, for furnishing one heavy duty motor grader with gas motor having 53 or more h.p. equipped with winter cab, scarifier, starter and lights.

#### BIDS WANTED

**BONNEVILLE, Ore.**—Until Nov. 4, 3 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-144, for furnishing and installing one automatic electric elevator, including operating machinery, structural steel guides and machinery, supporting beams, elevator car, hoistway doors and frames, control equipment and all other necessary appurtenances, to be installed at the Bonneville Project, Bonneville, Oregon.

Work involves:

- (1) One each, automatic electric elevator, with drum-type machine, completely installed;
- (2) One each, automatic electric elevator with double-wrap traction-type machine, completely installed.

**ALTERNATIVE "A"**: Bidders shall quote prices for performing work, etc., and the Government will pay the cost of transporting equipment and materials from bidder's shipping point to Bonneville, Ore.

**ALTERNATIVE "B"**: Bidders shall quote prices for performing the work, etc., and the Government will pay transportation charges from the factory shipping points to the Bonneville powerhouse at Bonneville, Oregon, are included in said price.

Plans and specifications may be obtained from the above office.

#### CONTRACT AWARDED

**SAN FRANCISCO**—Western Asbestos Co., 675 Townsend St., at \$144, awarded contract by the Dept of Public Works, City Hall, for furnishing and installing 85% magnesium pipe covering on feed lines, and cork installation on brine pump, at engine room, Hall of Justice, Kearny and Washington Sts.

#### BIDS OPENED

**SACRAMENTO, Calif.**—The following submitted bids to the State Purchasing Agent, 319 State Capitol, Sacramento, under Reg. No. 15215, for furnishing 1/2-yd. gasoline-powered shovel, f.o.b. Sacramento.

O. R. Peterson Co., Inc., San Francisco—\$7,470—1% 30 days.

Weber & Co., San Francisco—\$7877 net.

Fred E. Barnett Co., San Francisco—\$7460, 2% 15 days.

Harron Rickard & McCone Co., San Francisco—\$6041 net.

Edward R. Bacon Co., San Francisco—\$7731, 5% 10 days.

Norris K. Davis, Inc., San Francisco—\$7650, 2% 30 days.

Spears Wells Machinery Co., Oakland \$6100; dis. \$200, 10 days.

Electric Steel Foundry Co., San Francisco—\$8128, 1/2% 30 days; alternate \$6796.30, 1/2% 30 days.

Harmschiegel, Sales Corp., San Francisco—\$6,357.76; dis. \$354.62, 15 days.

The Rix Co., Inc., San Francisco—\$6295 net.

A. L. Young Machinery Co., Inc., San Francisco—\$7,215.75 net.

#### BIDS OPENED

**LOS ANGELES, Calif.**—Following submitted bids to the Metropolitan Water District, Los Angeles, for 15 oil-pressure sets for use in connection with pump discharge valves at Colorado River Aqueduct pumping plants, Spec. 212:  
Woodin & Little, Inc., San Fran-

cisco—Sch. 1, (1) 9 oil pressure sets complete, with pressure tanks and sump tanks, for Intake Gene, and Iron Mt. Pumping Plants, no bid; (2) 6 oil-pressure sets, etc., for Eagle Mt. and Hayfield Pumping Plants, no bid; Sch. 2, (1) 9 oil-pressure sets, complete, except for pressure tanks and sump tanks, for Intake Gene, and Iron Mt. Pumping Plants, \$705 each, weight 1400 lbs.; (4) 6 oil-pressure sets, complete, except for pressure tanks and sump tanks, for Eagle Mt. and Hayfield Pumping Plants, \$705 each, weight 1400 lbs.; f.o.b. Rockford, Ill., and San Francisco.

Kinney Mfg. Co.—Sch. 1, (1) \$2824.72 each, total \$2824.98, sales tax \$766.66; total \$26,117.64, weight 8500 lbs.; (2) \$3217.57, total \$19,305.42, tax \$579.18, total \$19,884.60. Grand total, \$46,002.24. Sch. 2, no bids; f.o.b. Alhambra.

Felton Water Wheel Co., San Francisco—Sch. 1, (1) \$2715.00 each, weight 5000 lbs.; (2) \$3334 each, total \$20,004, weight 7300 lbs. Use tax \$1414.17. Grand total, \$48,553.17. Sch. 2, no bids.

#### CONTRACT AWARDED

**LOS ANGELES, Cal.**—Crook Co., at \$25,500, has been awarded contract by Los Angeles County Purchasing Agent for 1 1/2-cu. yd. power shovel with diesel engine and draught equip (Bucyrus-Erie), Quot. 4808.

#### BIDS OPENED

**LOS ANGELES, Cal.**—The following submitted identical bids to the Los Angeles Water and Power Purchasing Agent, under Spec 2425, for:

- (1) 2000 copper connectors for No. 6 AWG solid wire.
- (2) 6000 do for No. 4.
- (3) 5000 do for No. 2.
- (4) 4000 copper connectors for No. 1 1/2 AWG stranded wire.
- (5) 400 do for No. 2/0.
- (6) 1000 do for No. 4/0.

The bids were:

(1) \$13.68, (2) \$16.53, (3) \$20.52, (4) \$34.20, (5) \$51.30, (6) \$91.20.

Westinghouse Elec. Supply Co.—Deliv. 1 day; Kearney; net.

Burdny Engr. Co.—Part at once, bal. 5 to 6 weeks; Burdny, net.

Litsenwalter & Gough, Inc.—1 day; Kearney; net.

Graybar Elec. Co., Inc.—Part in 1 day, bal. 5 to 30 days; Burdny; net.

Industrial Engr. & Equip. Corp.—Ship at once from St. Louis; Matthews; net.

Jasper Blackburn Prod. Corp.—Part 1 day; bal. 15 to 20 days; Blackburn; net.

G. E. Supply Co.—Part 1 day, bal. 5 days; Matthews; net.

Electric Wholesale Mart—1 day; Kearney; net.

Maydell & Hartzell, Inc.—1 day; Kearney; net.

#### BIDS WANTED

**CONCORD, Contra Costa County, Calif.**—Until Nov. 8, 8 P. M., bids will be received by the Concord Town Council, W. E. Ballenger, Town Clerk, Town Hall, Concord, for the purchase of a new 1937 six-cylinder 1/2-ton truck with cab and steel body and removable sides. Body must be at least 87 inches long, 16 inches high and 45 1/2 inches wide, with a wheelbase of at least 122 1/2 inches.

Plans and specifications may be obtained at the above office.

## 26—RAILROADS

#### PROPOSED

**SAN FRANCISCO**—Petition asking permission to spend approximately \$1,500,000 in 1938 for improvements to road and equipment and purchase of new freight cars was

(filed this week in United States District Court here before Judge A. F. St. Sure. Applicants are T. M. Schumacher and Sidney M. Ehrman, trustees in Reorganization of the Western Pacific Railroad Co. Third installment of a 3-year program started in 1936, the proposed work will include:

Laying of 135 miles of new 100-lb. and 112-lb. rail and ballasting of 90 miles of main line track in California and Nevada, \$2,300,000.

Improvements to bridges, trestles and culverts, and water supply, \$215,000.

Miscellaneous yard tracks, buildings, etc., \$600,000.

Balance of funds will be expended repairs and improvements to rolling stock, and for purchase of 400 new steel freight cars. \* 26

**29—STREETS AND HIGHWAYS**

**BIDS WANTED**

**LOS ANGELES, Calif.—**Until Nov. 3, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading and paving Vignes St. between Macy and Lyon Sts., Union Passenger Terminal Station, WPA Project 4361, Unit J-2.

The work involves:

- (1) Lump sum, grading (528 c.y. excav. and 762 c.y. fill, including removal of existing improvements);
- (2) 33,653 sq. ft. asphalt conc. pave. 8-in. thick, consisting of concrete base 6-in. thick and asphalt conc. wearing surface 2-in. thick;
- (3) 3,504 sq. ft. asphalt conc. pavement, variable thickness, consisting of asphalt conc. base of variable thickness (average thickness, 4 in.), and asphalt conc. wearing surface 2 in. thick;
- (4) 440 sq. ft. asphalt conc. wearing surface 4 in. thick;
- (5) 41 sq. ft. asphalt conc. wearing surface, variable thickness (average thickness, 1 in.);
- (6) 164 sq. ft. conc. pave. 8 inches thick (local depressions);
- (7) 1,075 lf. unplastered heavy class curb;
- (8) 10,080 sq. ft. one-course walk 3 inches thick;
- (9) 1,028 sq. ft. combination gutter 8 in. thick;
- (10) 42 sq. ft. conc. gutter 8 inches thick;
- (11) Lump sum, sanitary sewer with necessary appurtenances and appurtenant work, not including house connection sewers;
- (12) 240 lf. 6-in. house connection sewers;
- (13) Lump sum, storm drain with necessary appurtenances and appurtenant work not including local depressions;
- (14) Lump sum, ornamental lighting conduit with all necessary appurtenances and appurtenant work.

**BIDS WANTED**

**LOS ANGELES, Calif.—**Until Nov. 3, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading and paving streets in Alameda St. and Aliso St. Improvement District, Union Passenger Terminal Station, PWA Project 4361, Unit J-3.

The work involves:

- (1) Lump sum, grading (1250 c.y. excv.; no fill; including removal of existing improvements);
- (2) 1,475 tons asphalt conc. base, including resurfacing;
- (3) 843 tons asphalt conc. wearing surface, including resurf.;
- (4) 110 tons rock and oil roadway;

- (5) 441 sq. ft. concrete pavement 8 inches thick (including local depressions);
- (6) 1,836 lf. unplastered heavy class curb;
- (7) 282 lf. curb armor;
- (8) 1,533 lf. curb bar;
- (9) 17,732 sq. ft. one-course walk, 3 inches thick;
- (10) 1,788 sq. ft. conc. gutter, 8 in. thick;
- (11) Lump sum, storm drain with all necessary appurtenances and appurtenant work not including local depressions;
- (12) Lump sum, installation of ornamental lighting system with all necessary appurtenances and appurtenant work;
- (13) 6 manholes to be reset.

October 18, 1937.

**LOW BIDDER**

**YAVAPAI CO., Arizona—Tanner Construction Co., 501 Security Bldg., Phoenix, Arizona,** at \$104,750.00 submitted low bid on the Arizona State Highway Commission, Phoenix, for improving Cottonwood-Sedona Highway, F A 96-F (1938), AFE 7929 The work beginning at the Verde River bridge at Bridgeport and extending Northeast about 5.7 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before May 15, 1938.

Work involves:

- (1) 4,500 c.y. roadway excv.;
- (2) 1000 c.y. slides and overbreakage;
- (3) 2500 c.y. drainage excv.;
- (4) 840 c.y. struc. excv.;
- (5) 51,700 sta yds. overhaul;
- (6) 57,200 c.y. imported borrow;
- (7) 14,000 tons aggreg. base course;
- (8) 21,600 M gals. sprinkling;
- (9) 950 hrs. rolling;
- (10) 424 c.y. class A concrete;
- (11) 38,200 lbs. reinf. steel;
- (12) 976 ft. CMP (4 sizes);
- (13) 1 curb, castle guard;
- (14) 69,900 gals. road oil (SC-2);
- (15) 800 c.y. blott material.

**CONTRACT AWARDED**

**LINCOLN CO., Nevada—**As previously reported, Nevada Rock & Sand Co., Inc., Reno, Nevada, at \$57,692.50, was awarded contract by the Directors of the Department of Highways, Heros Memorial Bldg., Carson City, for approximately 10.1 miles of highway construction from a point 5.4 miles north of Dutch John's to the Lincoln-White Pine County Line, Rte. 7, Sec. E, Lincoln County.

Work involves:

- (1) 2,649 lf. remove fence;
- (2) 180 lf. remove culvert pipe;
- (3) 12 each remove pipe culv. head-walls.
- (4) 39,290 c.y. rdwy excv.;
- (5) 2,280 c.y. drainage excv.;
- (6) 34,991 yd. sta. overhaul (yd. sta.)
- (7) 367 cu. yd. overhaul (yd. ml.);
- (8) 350 c.y. struc. excv.;
- (9) 860 c.y. backfill.
- (10) 10.10 miles subgrade, type C.
- (11) force account, roadside cleanup;
- (12) 12 mi. 6-in. water.
- (13) 44,900 tons type I, gravel base;
- (14) 28,290 tons gravel surface;
- (15) 15 c.y. Class B concrete;
- (16) 528 1/2 15-in. corrug metal pipe (dipped).
- (17) 348 lf. 18-in. do;
- (18) 100 lf. 24-in. do;
- (19) 100 lf. 30-in. do;
- (20) 42 lf. 36-in. do;
- (21) 176 lf. relay culvert pipe
- (22) 300 lbs. reinf. steel;
- (23) 95 each move pipe culvert head-walls.
- (24) 24 each monuments.
- (25) Nevada Rock & Sand Co., Inc.,
- (26) 6,497 lf. reconstruct fence.

Total bids follow:

- Reno, Nevada—\$57,692.50.  
 (B) George Pollock Co., Sacramento—\$58,226.39.  
 (C) Union Paving Co.—\$66,970.67.  
 (D) Gibbons & Reed Co., Salt Lake City—\$75,636.45.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	.03	.04	.01	.03
(2).....	.75	.75	.25	.50
(3).....	5.00	10.00	5.00	10.00
(4).....	.30	.29	.25	.40
(5).....	.40	.35	.45	.40
(6).....	.02	.03	.01	.02
(7).....	.25	.25	.25	.20
(8).....	1.25	1.50	1.25	1.25
(9).....	.50	1.00	.50	.75
(10).....	100.00	150.00	125.00	150.00
(11).....	500.00	500.00	500.00	500.00
(12).....	.37	.35	.47	.50
(13).....	.37	.35	.47	.50
(14).....	.50	.50	.70	.70
(15).....	30.00	35.00	35.00	30.00
(16).....	2.25	2.50	2.00	2.00
(17).....	2.50	3.00	2.40	2.25
(18).....	3.25	3.50	3.20	3.00
(19).....	4.00	4.50	4.00	4.00
(20).....	6.00	6.50	5.75	5.50
(21).....	.75	.75	.25	1.00
(22).....	.10	.10	.10	.10
(23).....	10.00	10.00	6.00	10.00
(24).....	3.00	3.00	3.00	3.00
(25).....	2.00	2.50	2.50	3.00
(26).....	.10	.08	.07	.10

**BIDS OPENED**

**SNOHOMISH COUNTY, Wash.—**Daily Construction & Engineering Co., Seattle, Washington, at \$53,231.85, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.356 mi. grading and 1 1/2 mi. advance clearing and preparation railroad grade on the South Fork Stillaguamish Highway, Advance Clearing and Grading Project 7-D1, E. F. National Forest Road Project, Mt. Baker National Forest, Snohomish Co., Wash.

Total bids follow:

- Daily Construction & Engineering Co., Seattle, Wash.—\$53,231.85.  
 L. Romano Engineering Co., Seattle—\$56,855.50.  
 Hallstrom & Hallstrom, Seattle—\$58,216.00.  
 Northwest Construction Co., Inc., Seattle—\$58,553.50. \* 29

**BONDS VOTED**

**TRACY, San Joaquin Co., Calif.—**Tracy Elementary School District voted bonds in the amount of \$50,000, October 11, proceeds to finance construction of a new school on Eaton Ave., between Parker and Holly Drive, Tracy.  
 (3090) 1st rep. Aug. 24; 2nd Sept. 21, 1937. 15

**CONTRACT AWARDED**

**GILA CO., Ariz.—**N. G. Hill, Phoenix, at \$164,194.62, awarded contract by the Arizona State Highway Commission, Phoenix, for subgrading, aggregate base course and asphaltic surface treatment to 20 1/2 miles of highway at the Gila, Navajo County Line, Globe-Showlow Highway, F.A. Nos. 105-1.D.E.J.F. & G.

**CONTRACT AWARDED**

**RIVERSIDE AND SAN BERNARDINO COS., Calif.—**V. L. and W. E. Jacobson, 3338 Madiera Ave., Los Angeles, at \$1,601,145, was awarded contract by the State Division of Highways, State Highway Engineer, San Bernardino, for the construction of maintenance station buildings at Palm Springs and buildings at Camp Angeles, Riverside and San Bernardino Counties.

**CONTRACT AWARDED**

**SAN BERNARDINO, Calif.—**V. L. and W. E. Jacobson, 3338 Madiera

Ave., Los Angeles, at \$8,995, awarded contract by the State Division of Highways, State Highway Engineer, San Bernardino, for the construction of maintenance station buildings at Lakeview Point, San Bernardino Co.

#### LOW BIDDER

KERN COUNTY, Calif.—Wm. G. Gannon, 1620 18th St., Bakersfield, at \$10,809.00, submitted low bid to the State Division of Highways, R. M. Gillis, District Engineer, corner of Carruth and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances, about 20.6 miles south of Bakersfield, Kern County.

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—The Fay Improvement Co., 760 Market St., San Francisco, at \$19,337.29, awarded contract by the Department of Public Works, Room 251, City Hall, for the improvement of 29th Avenue between Pacheco and Quintara Sts. Estimated cost, \$18,376.

#### CONTRACT AWARDED

CALAVERAS COUNTY, Calif.—Mountain Construction Co., 1846 37th St., Sacramento, at \$123,167.45, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying liquid asphalt to 6.1 miles between two and one-half miles east of Valley Springs and San Andreas, Calaveras County.

#### CONTRACT AWARDED

KERN COUNTY, Calif.—Wm. G. Gannon, 1620 18th St., Bakersfield, at \$10,809, was awarded contract by the State Division of Highways, R. M. Gillis, District Engineer, corner of Carruth and Olive Aves., Fresno, for the construction of maintenance station buildings and appurtenances, about 20.6 miles south of Bakersfield, Kern County.

#### COMPLETE BIDS

SNOHOMISH COUNTY, Wash.—As previously reported, Daily Construction & Engineering Co., Seattle, Washington, at \$53,281.85, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.356 mi. grading and 1.212 mi. advance clearing and preparation railroad grade on the South Fork Stillaguamish Highway, Advance Clearing and Grading Project 7-D1, E, F, National Forest Road Project, Mt. Baker National Forest, Snohomish County, Wash.

##### Work involves:

- (1) All reqd., extra and misc. force account work;
- (2) 13 acres clearing;
- (3) 27 acres grubbing;
- (4) 26,000 c.y. unclass. excav.;
- (5) 180 c.y. unclass. excav. for structures;
- (6) 1,500 c.y. unclass. excav. for borrow;
- (7) 24,000 sta. yds. special overhaul;
- (8) 290 c.y. misc. special overhaul;
- (9) 9,371 mi. finishing earth graded road;
- (10) 100 sq. ft. dangerous trees and snags;
- (11) 76 sta. preparation railroad grade;
- (12) 290 lf. 20-in logs for stringers;
- (13) 69 c.y. class A concrete;
- (14) 5,500 lbs. reinf. steel;
- (15) 6,000 lbs. struc. steel;
- (16) 1 unit, struc. steel, 160-ft. span erection only;
- (17) 25 MFMB untreated timber, including bridge iron;
- (18) 30 lf. 18-in. bit. coated corr. sh. met. pipe, type 1;

- (19) 200 lf. 24-in. bit. coated corr. sh. met. pipe, type 1;
- (20) 32 MFMB laminated or strip floors, untreated;
- (21) 1 unit, reconst. trestle span comp. sta. 897+201 ft 6 in lgh;
- (22) 1 unit, reconst. trestle span comp. sta. 907+60 ft length;
- (23) 1 unit, reconst. trestle span comp. sta. 919+61 ft 6 in lgh;
- (24) 1 unit, reconst. trestle span comp. sta. 940+60 ft length.

##### Total bid follow:

- (A) Daily Constr. & Engrg. Co., Seattle, Wash.—\$53,281.85.
- (B) L. Romano Engrg. Co., Seattle—\$56,855.50.
- (C) Hallstrom & Hallstrom, Seattle—\$58,216.00.
- (D) Northwest Constr. Co., Inc., Seattle—\$58,555.50.

##### Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	1500.00	1500.00	1500.00	1500.00
(2)	300.00	300.00	500.00	400.00
(3)	425.00	300.00	600.00	500.00
(4)	.97	1.10	.80	1.25
(5)	10.00	5.00	5.00	5.00
(6)	.95	.50	.60	.60
(7)	.02	.05	.03	.03
(8)	.18	.30	.30	.30
(9)	350.00	500.00	1000.00	500.00
(10)	4.00	2.00	4.00	2.00
(11)	15.00	20.00	100.00	15.00
(12)	.35	1.00	.35	1.25
(13)	63.00	50.00	50.00	40.00
(14)	.07	.10	.10	.10
(15)	.20	.15	.20	.20
(16)	3250.00	5000.00	3200.00	2000.00
(17)	75.00	50.00	70.00	60.00
(18)	3.00	3.00	3.00	2.50
(19)	3.50	4.00	5.00	3.50
(20)	50.00	50.00	70.00	60.00
(21)	1500.00	2000.00	2000.00	1800.00
(22)	512.00	600.00	600.00	850.00
(23)	594.00	600.00	600.00	850.00
(24)	585.00	600.00	600.00	850.00

#### LOW BIDDER

KLAMATH COUNTY, Ore.—E. L. Gates, Portland, Oregon, at \$156,535, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., constructing or improving 3,310 miles Crater Lake National Park, Rim Road, Project 7-22 Grading and 7-D1, D2, E1, E2 Bituminous Treatment, National Park Road Project, Crater Lake National Park, Klamath County, Oregon.

##### Work involves:

- (1) All lump maint. of existing road;
  - (2) All lump extra and misc. force account work;
  - (3) 36 acres clearing;
  - (4) 27 acres grubbing;
  - (5) 2,500 c.y. stripping and storing topsoil;
  - (6) 217,400 c.y. unclass. excav.;
  - (7) 116,000 sta. yds. special overhaul;
  - (8) 32 acres roadside cleanup;
  - (9) 3,310 mi. finishing earth graded road;
  - (10) 250 tons slow-curing asphalt, SC-1A grade;
  - (11) 4,921 mi. fine grading sub grade and shoulders;
  - (12) 1,700 lf. culverts (alternate);
  - (13) 2,500 c.y. replacing topsoil.
- Complete bids will be published shortly.

#### BIDS WANTED

BOISE, Idaho.—Until November 3, 10:00 a.m., bids will be received by the U. S. Bureau of Public Roads, E. J. Foshay, District Engineer, Ogden, Utah, for constructing or improving 1,890 miles of the North Fork Payette Highway, located within the Payette National Forest, Boise County, Idaho.

Plans and specifications may be obtained from the above office. \*

#### CONTRACT AWARDED

SAN FRANCISCO, Cal.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$3,847.50, was awarded contract by the Dept. of Public Works, Room 251, City Hall, for the resurfacing of Ninth Avenue between Kirkham and Ortega Streets. Estimated cost, \$3,843.

#### BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on November 3rd, and in Los Angeles on November 4th, 1937.

Following is a list of blue prints and prices:

I-Hum-1-B & C—Bet. Stagemeyer Bluffs and Myers. Bids to be opened in Sacramento; PLANS (No. of Sheets), 14; cost, \$1.40; CROSS-SECTIONS (No. of Sheets), 98; cost, \$9.80; total, \$11.20.

II-N-56-DF—Bet. Albion and Newport. PLANS (No. of Sheets), 10; cost, \$1.00; CROSS-SECTIONS (No. of Sheets), 54; cost, \$5.40; total, \$6.40.

VII-LA-170-B—On Puente Avenue at Walnut Creek. PLANS (No. of Sheets), 6; cost, \$0.60; CROSS-SECTIONS (No. of Sheets), 8; cost, \$0.80; total, \$1.40.

X-S-J-Sac-4-D-A—Bet. Jahant Corner and 1 mile north of Galt. Bids to be opened in Sacramento. PLANS (No. of Sheets), 20; cost, \$2.00; CROSS-SECTIONS (No. of Sheets), 100; cost, \$10.00; total, \$12.00.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

#### CONTRACT AWARDED

MARICOPA CO., Ariz.—Daley Corporation, P.O. Box 1590, Phoenix, at \$51,772.86, was awarded contract by the Arizona State Highway Commission, Phoenix, Arizona, for 2.9 miles concrete pavement widening, beginning about ¼ mile northwest of Six Points and extending northwesterly to the south city limits of Glendale and from the west city limits of Glendale northwesterly a distance of about 1½ miles. Phoenix-Prescott Highway, FA 33, AFE 8987, FA 48-A, AFE 8988.

#### CONTRACT AWARDED

KINGS CO., Calif.—Piazza & Huntley, 415 First National Bank Bldg., San Jose, at \$62,648.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for paving with asphalt concrete 6.4 miles between Hanford and Alcorn Bridge Corner, Kings County.

#### CONTRACT AWARDED

INYO CO., Calif.—Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at \$9,648, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for applying penetration oil to 20.5 miles existing roadbed between 1.1 mile east of Saline Valley Road and Panamint Sink, Inyo Co.

#### BIDS WANTED

ANTIOCH, Contra Costa Co., Cal.—Until October 25, 8:00 p.m., bids will be received by the Antioch City Council, J. B. McElhenry, City Clerk, City Hall, Antioch, for improving



Sixth Street between the west line of "G" Street and the east line of "A" Street and "A" Street between the south line of Sixth Street and the north line of Eighth Street, Antioch.

Plans and specifications may be obtained from the above office.

**BIOS WANTED**

**STATE OF WASHINGTON**—Until Nov. 2, 10 a. m., bids will be received by L. V. Murrow, Director of Highways, Olympia, Wash., for bridge and highway construction, as follows:

**Skagit County:** Clearing, grading, draining and paving with Portland cement concrete and surfacing steel draw span on 6 mile of Primary State Highway No. 1, Skagit River Bridge and approaches.

**Yakima County:** Clearing, grading, draining 3.3 mi. of White Pass Bridge Section of Secondary State Highway No. 2, to Russel Creek.

**Pierce County:** Paving with asphalt concrete about 2 mi. of Primary State Highway No. 5, Wood Avenue, Sumner.

**Asotin County:** Surfacing and stockpiling and surfacing on 14 mi. of Secondary State Highway No. 3, Asotin to Anatone.

**Kittitas County:** Surfacing and stockpiling and surfacing on 14.1 mi. of Secondary State Highway 2-1, and county road, Virdin to Milwaukee, Cassing of DeLano.

**Garfield & Asotin Counties:** Clearing, grading, draining and surfacing 4.4 mi. of Secondary State Highway 3-K, vicinity of Garfield-Asotin Co. Line.

**Yakima County:** Constructing pile and timber trestle approach 328 feet long at end of Lower Yakima River Bridge on Secondary State Highway 3-M.

Plans and specifications may be obtained from the above office upon deposit of \$2.00.

**BIOS OPENED**

**TUCSON, Pima Co., Ariz.**—White & Miller, Contra., P.O. Box 2350, Tucson, Ariz., at \$8,398 (Alternate \$8,463), submitted low bid to the Arizona State Highway Commission, Phoenix, for the mixing, placing and finishing of plant-mixed surface on approximately .522 mile of the city streets, U. S. Route 80 and 89, WPA 80-4-7, AFE 8088.

Work involves:

- (1) 2,600 tons plant-mix (using 90-95 road oil) (CIP);
- (2) 130 tons 90-95 road oil (CIP);
- ALTERNATE:
- (2) 2,600 tons plant-mix (using MC-5 cutback asphalt) (CIP);
- (4) 130 tons MC-5 cutback asphalt (CIP).

Total bids follow:

- (A) White & Miller, Contra., P.O. Box 2350, Tucson—\$8,398; Alt. \$8,463.
- (B) Arizona Sand & Rock Co., Phoenix—Alt. \$13,000.

Unit prices follow:

(1).....	\$2.08	.....
(2).....	23.00	.....
(3).....	2.08	\$3.95
(4).....	23.50	21.00

**CONTRACT AWARDED**

**MONO CO. CALIF.**—J. V. Galbraith and Don A. Canaveri, 1722 4th St., Santa Rosa, at \$17,715.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading 2.2 miles between Route 23 and June Lake, Mono Co.

**CONTRACT AWARDED**

**SAN FRANCISCO, CALIF.**—The Fay Improvement Co., 760 Market Street, San Francisco, at \$1,651.32, was awarded contract by the Dept. of Public Works, Room 251, City Hall,

under Spec. No. 19071, for the reconstruction of Clarence Place North-erly from Townsend Street, San Francisco. Estimated cost, \$1,600.

**CONTRACT AWARDED**

**TEHAMA COUNTY, CALIF.**—Liston Ehorn, 926 Jackson St., Red Bluff, at \$6,500, was awarded contract by the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for the construction at Lost Creek, Tehama Co., Calif.

**BIDS WANTED**

**SUTTER COUNTY, CALIF.**—Until November 10, 2:00 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.7 miles to be graded and surfaced with plant-mixed surfacing medium curing type on crusher run base, between Tarko and one mile south of Sutter City, Sutter County.

Work involves:

- (1) 1,840 M. gals. water.
- (2) 36,900 c. y. roadway excav., without class.
- (3) 1,500 c. y. structural excav.
- (4) 100 c. y. ditch and channel excav.
- (5) 94.00 c. y. imported borrow.
- (6) 56,500 sta. yds. overhaul.
- (7) 110 c. y. concr. remove and dis-posed of.
- (8) 247 sta. finishing roadway.
- (9) 17,500 tons crusher run base.
- (10) 8,800 tons min. aggregate plant mix surfacing.
- (11) 435 tons liq. asphalt MC-4, MC-5 or MC-extra heavy plant mix surfacing.
- (12) 76 tons liq. asphalt SC-2 prime coat and penetration oil treat-ment.
- (13) 71 tons sand prime coat and penetration oil treatment.
- (14) 44 tons liq. asphalt MC-3 or MC-4 seal coat.
- (15) 555 tons stone screenings seal coat.
- (16) 24,000 lbs. bar reinf. steel.
- (17) 250 c. y. class A Portland cement conc. structs.

- (18) 38 lin. ft. 8-in. C M P.
- (19) 196 lin. ft. 18-in. C M P.
- (20) 60 lin. ft. 24-in. C M P.
- (21) 108 lin. ft. 42-in. C M P.
- (22) 115 lin. ft. exist. C M P remove, clean and salvage.
- (23) 22 lin. ft. exist. C M P remove, cleaned and relaid.
- (24) 5 each spillway assemblies.
- (25) 400 lin. ft. laminated guard rail-ing.
- (26) 140 lin. ft. guard railing, remove and reset.
- (27) 41 each culvert markers.
- (28) 20 each guide posts.
- (29) 4.5 miles rest property fences.
- (30) 0.7 mile property fences moved and reset, type A.
- (31) 1.5 miles property fences, move and reset, type B.
- (32) 17 each drive gates, 14 ft. wide.
- (33) 1 each drive gates, 16 ft. wide.
- (34) 57 each monuments, complete, in place.

Plans and specifications may be obtained from the above office. \* 29

**BIDS WANTED**

**LOS ANGELES CO., CALIF.**—Until Nov. 12, 2 p. m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 1.2 miles grading and paving with portland cement concrete and plant-mixed surfacing between Valley Blvd. and Las Tunas Drive, Los Angeles County.

Work involves:

- (1) 62 sta. clear and grub right of way.
- (2) 1,000 M. gals. water;
- (3) 290 c. y. remove exist. conc.;
- (4) 11,000 c. y. roadway excavation,

- without classification;
- (5) 900 c. y. struc. excav.;
- (6) 52,000 sq. yds. overhaul;
- (7) 18,000 sta. yds. preparing sub-grade;
- (8) 62 sta. finishing roadway;
- (9) 38 tons liq. asphalt, SC-2, prime coat;
- (10) 4,500 tons min. aggregate, plant mix surf.;
- (11) 235 tons liq. asphalt, ROMC-4 or ROMC-5, plant-mix surf.;
- (12) 3,000 sq. yds. asphaltic paint binder;
- (13) 14,000 sq. yds. preparing, mixing and shaping shoulders;
- (14) 170 tons liq. asphalt, SC-2 shoulders;
- (15) 3,510 c. y. class A portland cement concrete pavement;
- (16) 24 sections pavement crossing device, Type C;
- (17) 7,300 each, pavement dowels;
- (18) 26,000 lbs. bar reinf. steel pavement and strucs.;
- (19) 175 c. y. class A portland cement concrete strucs.;
- (20) 27,500 lbs. steel rail assemblies;
- (21) 16,500 lbs. misc. iron and steel;
- (22) 250 lf. remove and relaying pipe culverts;
- (23) 100 lf. 24-in. CMP;
- (24) 1,180 c. y. class A portland cement concrete curbs, gutters & sidewalks;
- (25) 730 lf. curb armor.

Plans and specifications may be obtained from the above office. \* 29

**BIDS OPENED**

**REDWOOD CITY, SAN MATEO CO., CALIF.**—H. M. Sanders, Box 105-W, Canyon Road, Redwood City, at \$942, submitted low bid to the Redwood City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for the construction of cement concrete sidewalk, curb and gutter and asphaltic concrete parking areas on the extension of Montgomery Street.

W. O. Tyson, Redwood City, at \$1082, submitted only other bid. \* 29

**BIDS WANTED**

**ANTIOCH, CONTRA COSTA CO., CALIF.**—Until November 2, 8:00 p. m., bids will be received by the Board of Trustees of the Antioch-Live Oak Unified School District, District Superintendent's Office, Antioch, for the construction of curbs, gutters, and paving "D" Street, Antioch.

Plans and specifications may be obtained from the above office. \* 29

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

**FINE RIVER PROJECT, COLO.**—Until November 8, 10:00 a. m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Durango, Colorado, under Spec. No. 705, for the construction of the Vallecito Dam, Fine River Project, Colorado.

Plans and specifications may be obtained from the above office. \*

**BIDS WANTED**

**ALAMEDA COUNTY, CALIF.**—Case Construction Co., Inc., 905 W. Minister Avenue, Alhambra, at \$12,990.65, submitted low bid to the Board of Directors of the East Bay Regional Park District, Thos. J. Roberts, Secretary, 512 Bank of America Bldg., Oakland, for repairing and completion of the Temescal Dam, located on the property of the East Bay Regional Park District, Oakland.

Work involves:

- (1) 9633 c. y. embankment fill, 48 ft. elevation, 40 ft. wide.
- (2) 19,200 sq. ft. 2-in. reinforced concrete pavement fill.
- (3) 1850 sq. ft. of reinforced concrete pavement footpath.
- (4) Completed construction of reinf.

concrete steps and rails.

Total bids follow:

- (A) Case Contract Co., Inc., 905 W. Minister Ave., Alhambra—\$12,990.65.  
 (B) Barrett & Hill, San Francisco—\$13,558.34.  
 (C) Lee J. Immel, Berkeley—\$14,508.27.  
 (D) Arias-Knapp, Oakland, Calif.—\$14,917.90.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) .....	.85	.98	.99	1.10
(2) .....	.22	.17	.21	.17
(3) .....	.27	.30	.32	.32
(4) .....	125.60	350.00	400.00	500.00

#### BIDS WANTED

CLATSOP COUNTY, Ore.—Until November 5, 3:00 p.m., bids will be received by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-28-128, for strengthening and rebuilding approximately 34,020 feet of existing levee, constricting approximately 5,960 ft. of new levee, of 9,700 ft. of rock riprap revetment and drainage works, situated in Drainage District No. 1, and Blind Slough Diking District in Clatsop County, Oregon.

Work involves:

- 56.5 acres clearing and grubbing.
- 28 acres stripping.
- 42.5 cu. yds. objectionable material removed and stock piled.
- 26,900 cu. yds. excavation for inspection ditches.
- 14,030 cu. yds. excavation for drainage ditches.
- 2,222 cu. yds. excavation for tide boxes.
- 3,872 cu. yds. structural excavation for tide boxes.
- 3,990 cu. yds. backfill for tide boxes.
- 41 M. ft. B.M. creosoted lumber for tide boxes, in place.
- 0.34 M. ft. B.M. untreated lumber for tide boxes, in place.
- 3.54 M. ft. B.M. untreated tongue and groove sheet piling for tide boxes, in place.
- 22.8 M. ft. B.M. creosoted tongue and groove sheet piling for tide boxes, in place.
- 544 lin. ft. creosoted round piling for tide boxes, in place.
- 1215 lin. ft. round piling for concrete tide boxes, in place.
- 58 lin. ft. 18-in. diameter continuous wood stave pipe, in place.
- 44 lin. ft. 42 Do.
- 44 lin. ft. 54 Do.
- 54 lin. ft. 66 Do.
- 8 lin. ft. 48-in. corrugated iron pipe, in place.

- 428 cu. yds. reinforced concrete in place.
- One each 18-in. diameter circular automatic drainage gate, in place.
- One each 42-in. diameter circular automatic drainage gate, in place.
- One each 54 Do.
- One each 66 Do.
- 11 each automatic drainage gate square, in place.
- 10,190 lin. ft. round piling for pile bulkhead, in place.
- 7.25 M. ft. B.M. walng and fastening for pile bulkhead, in place.

#### SECTION B

- 449,780 cu. yds. levee embankment, hydraulic suction dredge, in place.

#### SECTION C

- 62,850 cu. yds. levee embankment, bucket dredge, in place.
- 780 cu. yds. levee embankment, dragline, in place.
- 49,880 cu. yds. levee embankment, truck haul, in place.
- 14,170 cu. yds. excavation, bucket dredge.
- 18,500 cu. yds. miles truck over-haul

#### SECTION D

- 2300 cu. yds. bank sloping.
  - 17,700 cu. yds. riprap, in place.
- Plans and specifications may be obtained from the above office upon the deposit of \$5.00 \* 30

#### BIDS OPENED

SACRAMENTO, Calif.—Claude C. Wood, P. O. Box 1714, Stockton, at \$10,236, submitted low bid to the U. S. Engineer Office, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-97, for completing the levee along the left bank of the Sacramento River between Colusa Weir and Moulton Weir, at three different locations, as follows:

- 1400 feet of levee completion and 200 ft. spur levee construction beginning about 4.1 mi. below Moulton Weir;
- 2300 ft. of levee completion and 350 ft. spur levee construction beginning about 2.8 mi. below Moulton Weir;
- 1300 ft. of levee completion beginning about 9.6 miles below Moulton Weir.

Work involves:

- 350 c.y. levee embankment, in place. Borrow from Area 1-A to be used in levee completion in Part (a);
- 900 c.y. levee embankment, in place. Borrow from Area 2-A to be used in spur levee Part (a);
- 26,500 cu. yds. levee embankment, in place. Borrow from Area 2-A to be used in Part (b);
- 2900 c.y. levee embankment, in place. Borrow from Area 3-A to be used in Part (c);
- 20-1000 gals. water used in sprinkling material for compaction.

- Total bids follow:
- (A) Claude C. Wood, P. O. Box 1714, Stockton, \$10,236.  
 (B) Hemstreet and Bell, Marysville, \$11,294.  
 (C) Olympian Dredging Co., San Francisco, \$14,213.  
 (D) Robert A. Farish, San Francisco, \$15,046.  
 (E) W. K. Van Bokkelen, Oakland, \$19,592.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1) .....	.264	.34	.41	.42	.48
(2) .....	.35	.39	.40	.60	.40
(3) .....	.30	.31	.39	.42	.58
(4) .....	.22	.38	.41	.42	.50
(5) .....	2.00	3.00	16.00	5.00	3.00

#### BIDS OPENED

SACRAMENTO, Calif.—Hemstreet & Bell, 501 11th St., Marysville, at \$7,239, submitted low bid to the U. S. Engineer Office, 208 Post Office Building, Sacramento, under Pro. No. 1105-38-89, for completing approximately 500 feet of levee and a road approach along the east levee of the Yolo By-Pass. The work completing the levee is located 3 miles southerly from the east end of Fremont Weir and approximately 0.5 mile southerly from District No. 1600 pump. The road approach to be completed is located approximately one mile southerly from the east end of Fremont Weir. Work involves:

- 6200 c.y. levee embankment, in place.
- 1,700 tons "Oroville" cobbles, in place.
- 175 c.y. road gravel, in place.
- 40 ft. corr. iron pipe, 24-inch diameter No. 12 gauge, with necessary 21-in. dia. No. 12 gauge band couplers and 8-in. bolts, in place.

Total bids follow:

- (A) Hemstreet & Bell, 501 11th St., Marysville—\$7,259.  
 (B) W. C. Bishop, Sacramento—\$7,284.25.  
 (C) W. H. Talbot, Albany—\$8,770.70.  
 (D) Garcia Construction Company,

Irvington—\$10,198.25.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) .....	.34	.24	.35	.26
(2) .....	2.58	2.95	3.50	4.50
(3) .....	3.00	2.75	2.50	3.75
(4) .....	6.00	7.50	5.33	7.00

#### BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until Oct. 26, 3 p.m., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Pro. No. 1105-38-90, for enlarging and raising to grade approximately 1140 feet of the existing east levee of the Yuba River, located along the Western Pacific Railroad between 6th and 9th Streets, Marysville.

Work involves:

- 25,100 c.y. levee embankment, in place;
- 26 1/2 corrugated iron pipe, 8-in. diameter, No. 16 gage, with necessary 8-in. diam. band couplers;
- 1 corrugated iron pipe drop inlet, 18-in. by 24-in., No. 14 gage;
- 1 Calco No. 100 automatic drainage gate, 8-in. diam. or equal, in place;
- 150 cu. yds. cobble rock for drainage spillway, in place.

Plans and specifications may be obtained from the above office. \*

#### BIDS WANTED

SAN MATEO CO., Calif.—Until November 3, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under W.P. Contract 159, for paving with riprap around the spillway and inlet tower near easterly end of San Andreas Dam, 2 miles west of Millbrae, San Mateo County.

Work involves:

- 350 cu. yds. crib grading;
  - 4,500 c.y. constructing riprap pavement.
- Plans and specifications may be obtained at Room 605, 425 Mason St., San Francisco, upon deposit of \$5.00.

#### BIDS OPENED

LOS ANGELES, Cal.—Consolidated Steel Corp. Ltd., 5700 S. Eastern Av., Los Angeles, at \$189,761, submitted low bid to the Los Angeles County Supervisors for the completion of outlet works at San Gabriel Dam No. 1.

Consolidated Steel Corp. Ltd.—(16)

- \$14, (20) \$30, (33) 3.25c, (35) 10c, (36) 2.9c, (37) 3c, (38) 18c, (39) 2.5c, (40) 12c, (41) 9.5c; total, \$189,761. Bidder proposes to use a tram rail system in placing of outlet pipes and other equipment.
- West Slope Construct. Co., Azusa (Canyon 36, Covina)—(16) \$15, (20) \$7.30, (33) 3.5c, (35) 4c, (36) 3c, (37) 3.5c, (38) 18c, (38) 1.3c, (40) 15c, (41) 13c; total, \$195,553.

#### 31—PIPE LINES & WELLS

#### BIDS OPENED

SAN FRANCISCO, Cal.—San Francisco Water Dept., 425 Mason St., at \$783.65, submitted low bid to the Public Utilities Commission, Room 287, City Hall, under W. D. Contract No. 158, for the laying of 2- and 6-in. cast iron pipe in Encline Court.

The work involves:

- 575 lf excavation backfill for 17x36-in. trench;
- 10 cu. yds. additional excavation and backfill;
- 350 lf install 6-in. pipe;
- 225 lf install 2-in. pipe;
- 750 lbs. install fittings, valves, etc.;
- 70 lf making joints;
- 15 sq. ft. repainting;
- 38x-in. screw caps installed;
- 530 lf install 3/4-in. copper service pipe.

Total bids follow:  
**(A) San Francisco Water Dept., 425 Mason St., \$783.65.**  
**(B) The Lowrie Paving Co., San Francisco, \$838.50.**  
 Unit prices follow:

	(A)	(B)
(1) 40 cu. yds. ....	.70	.80
(2) .....	3.30	.50
(3a) .....	.10	.10
(3b) .....	.06	.08
(4) .....	.035	.05
(5) .....	.60	.50
(6) .....	.40	.30
(7) .....	1.05	1.50
(8) .....	.35	.35

**BIDS OPENED**  
**SAN FRANCISCO**.—E. J. Treacy, 430 Call Bldg., San Francisco, at 8:17-01.84, submitted low bid to the Public Utilities Commission, Room 257, City Hall, under W.D. Contract No. 155-155, for laying of 4 and 8-inch cast iron pipe in Silver Ave., Topeka Street and Shipley Street.

- The work involves:  
 (1) 1538 lf. excav. for 17 x 37-in. pipe;  
 (2) 40 cu. additional excavation and backfill;  
 (3) 150 sq. ft. additional pavement, remove and replace;  
 (4a) 248 lf. 8-in. cast iron pipe installed;  
 (4b) 1290 lf. 4-in. do.;  
 (5) 800 lbs. install fitting, valves, etc.  
 (6) 162 lf. making joints;  
 (7) 155 cu. yds. rip pavement;  
 (8) 27 3/4-in. screw caps installed;  
 (9) 900 lf. 3/4-in. copper service pipe installed.

Total bids follow:  
**(A) E. J. Treacy, 430 Call Building, San Francisco—\$1,701.84.**  
**(B) Lowrie Paving Co., San Francisco—\$1,742.**  
**(C) S. F. Water Dept.—\$1,892.05.**  
**(D) The Fay Improvement Co., San Francisco—\$2,231.07.**

	(A)	(B)	(C)	(D)
(1) .....	\$0.65	\$0.60	\$0.55	\$0.76
(2) .....	1.00	1.00	1.00	1.00
(3) .....	.35	.25	.50	.35
(4a) .....	.08	.09	.10	1.28
(4b) .....	.07	.06	.10	.096
(5) .....	.05	.03	.04	.03
(6) .....	.30	.40	.45	.49
(7) .....	.18	.22	.27	.25
(8) .....	1.00	1.50	.80	1.50
(9) .....	.25	.30	.25	.34

**32— SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**  
**SANTA ANA**, Orange Co., Calif.—Until November 2, 11:00 a. m., bids will be received by the Orange County Supervisors of the County Flood Control District, Santa Ana, for constructing the Laguna Canyon Storm Drain in accordance with plans prepared by the County Flood Control Engineer, M. N. Thompson, 326 Court House Annex, from whom copies may be obtained upon payment of \$3, not returnable. Certified check or bond, 5%. J. M. Backs, clerk.

The work involves:  
 (1) 2542 cu. yds. reinforced concrete  
 (2) 17,500 cu. yds. excav.

**BIDS WANTED**  
**SANTA ANA**, Orange Co., Cal.—Until October 26, 11:00 a. m., bids will be received by the Orange County Supervisors of the County Flood Control District, Santa Ana, for the construction of the East Richfield Storm Drain, near Atwood, in accordance with plans and specifications prepared by M. N. Thompson, County Flood Control Engineer, 326 Court House Annex, Santa Ana, from whom copies of the plans may be obtained upon payment of \$3.00, not return-

able. Certified check or bond, 5%. J. M. Backs, Clerk.  
 The work involves:  
 (1) 503 cu yds. concrete, in place.  
 (2) 2612 cu. yds. excavation.  
 (3) 8,900 lbs. reinforced steel.  
 (4) 39 lbs. structural steel.  
 (5) 15 lf. 15-in. corrugated metal pipe.

**BIDS WANTED**  
**SAN MARINO**, Los Angeles Co., Cal.—Until November 10, 8:00 p. m., bids will be received by the San Marino City Council, E. E. Kerr, City Clerk, for constructing sanitary sewers, under 1911 Act, as follows:

California Street, Greenwood and other streets, involving 2310 lin. ft. 8-in. vit. sewer, misc. manholes, flush tanks, etc.  
 Winston Street and other streets, involving 240 ft. 8-in. vit. sewer and identical items.  
 Plans and specifications may be obtained from the office of Harold Barnett, Braley Bldg., Pasadena, upon deposit of \$5 each set. Certified check or bond, 10%, must accompany each proposal.

**PROPOSED**  
**SAN DIEGO**, Calif.—City Engineer H. W. Jorgensen has announced the approximate cost of the proposed citywide sewer system at \$3,539,324 in a preliminary report filed with the office of City Manager Robert H. Allen. The estimate includes the cost of a trunk sewer from Kurtz St. and Barnett Ave around the bay to a proposed treatment plant at the foot of Thirty-second St., a sewer from East Point Loma to Kurtz and Barnett Aves., new sewers at Pacific Beach and La Jolla and various other points within the city where sewers now are overlaid.

The treatment plant is estimated to cost \$750,000. The total cost of the bay-side sewer and the treatment plant would be \$1,895,578. The cost of necessary renewals, extensions and additions to existing sewer systems to relieve present inadequate trunk lines, eliminating septic tanks and provide proper sewage through-out the city would be \$1,613,748. This would include an item of \$313,000 for the Pacific Beach and La Jolla sewer system, not now properly sewered, and \$80,000 for a treatment plant in Rose Canyon. The sewer around the bay is estimated at \$966,115, while the East Point Loma sewer at \$178,463. The bay sewage plans include a pump plant at Kurtz St costing \$18,727 and a pump plant at the foot of Beardsley St to cost \$68,067.

The sewer around the bay front as planned is about 8 miles long and consists of pipe ranging from 75 inches in diameter to 24 inches. The East Point Loma sewer would be about 3 miles long, the pipe would range from 10 to 24 inches. Other sewers are to be constructed at the following costs: West Point Loma, \$242,000; Morena, \$61,600; Mission Valley, \$335,567; Chollas Valley, main line \$211,818; Chollas Valley, west branch, \$514,819; South Chollas Valley, \$112,250; South Chollas branch, \$20,856; Valencia Park, \$51,899.

**BIDS WANTED**  
**SAN MARINO**, Los Angeles Co., Cal.—Until Nov. 10, 8:00 p. m., bids will be received by the San Marino City Council, E. E. Kerr, City Clerk for constructing sanitary sewers, under 1911 Act, as follows:

California St., Greenwood and other streets, involving 2310 lf. 8-in. vit. sewer, including 838-lb. wyes, 7 manholes, 4 flush tanks, in Winston St. and other streets, in-

volving 240 ft. 8-in. vit. sewer, incl. 838-lb. wyes and 1 flush tank.  
 Plans and specifications may be obtained on or after Oct. 25 from the office of Harold Barnett, Braley Bldg., Pasadena, upon deposit of \$5 each set. Certified check or bond, 10%, must accompany each proposal.

**CONTRACT AWARDED**  
**SAN FRANCISCO**, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at \$72,935.63, was awarded contract by the San Francisco Bay Exposition Co., 585 Bush Street, for the construction of the second unit storm sewer system, Yerba Buena Shoals.

**33— WATER WORKS**

**PROGRAM APPROVED**  
**SAN DIEGO**, Calif.—The San Diego city planning commission has approved a 6-year program of water, sewer, drainage, flood control, and harbor projects. The list of work will be submitted to the National Resources Board at Washington. Harbor Department projects are not segregated from costs.

- The lists follow:  
**WATER BUREAU**  
 San Dieguito dam strengthening, \$60,000.  
 Murray-El Capitan pipe line, \$750,000.  
 Marron reservoir preliminary investigation, \$15,000.  
 Colorado river investigation, \$75,000.  
 San Felipe tunnel, \$2,650,000.  
 Filter plant construction, \$750,000.  
 Super Hodges dam, \$7,000,000.  
**CITY ENGINEERING DEPT.**  
 Thirty-inch pipe line on Upas St., from Fifth Ave. to Thirtieth St., \$147,775.  
 City-wide replacement of small mains, \$100,000.  
 Twenty-four inch cross feeder line through park, \$84,530.  
 Thirty-inch pipe line across Thirtieth St. bridge, \$14,200.  
 Twenty-four inch pipe line on Upas St., from Fifth Ave. to Albatross St.  
 Sewer lines in various parts of city, \$1,688,041.  
 Sewage treatment plant, \$750,000.  
 Sixteen-inch pipe line on 72nd St., from Albatross to Pacific highway.  
 Twenty-four inch storm drain on Adams Ave., \$28,280.  
 Storm drains, various parts of city, \$451,185.  
 Pipe line from La Jolla shores to Torrey Pines park, \$109,140.  
 Flood control development on lower San Diego river, \$669,000.  
 Flood control dams in Balboa park, \$250,000.

**HARBOR DEPT.**  
 General engineering, mole pier at foot of Tenth Ave., surfacing Benson and Richfield piers, shore line ripraping, cover pavement around bay, development of state tidelands in southern part of the bay, surfacing oiling of the airport, yacht harbor development.

**BIDS WANTED**  
**LOS ANGELES**, Cal.—Until Nov. 16, 2 p. m. bids advanced from Nov. 9, bids will be received by the Los Angeles county supervisors for furnishing and installing three new 250-hp water tube boilers with accessories, including piping work, installation and connecting of misc. equipment, and removing four existing boilers in boiler house, Olive View (N. 57), Spoc. 418-13. Bids will be taken as follows:  
 (A) Complete, using 3 1/4-in. diam. No. 10 gauge boiler tubes;  
 (B) Complete, using 2 1/2-in. diameter No. 10 gauge boiler tubes.

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## LINCOLN CO., NEVADA.—HWY. CONSTR.—(State)

LINCOLN CO., Nev.—As previously reported, Rock & Sand Co., Inc., Reno, Nev., at \$80,900.27, awarded contract by State of Nevada Dept. of Highway from Pony Springs to a point approximately 5.4 miles north of Dutch John's, Route 7, Sections D2 and E, Lincoln County.

- Work involves:
- (1) 23 acres clearing;
  - (2) 276 lf. remove culvert pipe;
  - (3) 22 each, remove pipe culvert headwalls;
  - (4) 55,493 c.y. roadway excav.;
  - (5) 2,294 c.y. borrow;
  - (6) 976 c.y. drainage excav.;
  - (7) 19 sta. V type ditches;
  - (8) 76,074 yd. sta. overhaul (yd. sta.);
  - (9) 1,866 yd. mile, overhaul (yard mile);
  - (10) 1,096 c.y. structure excav.;
  - (11) 1,677 c.y. backfill;
  - (12) 14.96 mi. subgrade (type C);
  - (13) 55,855 tons gravel surface;
  - (14) 70,222 tons type 1 gravel base;
  - (15) 17 m. gals. water;
  - (16) 59 c.y. class A concrete;
  - (17) 21 c.y. class B concrete;
  - (18) 6,860 lbs. reinf. steel;

- (19) 232 lf. 15-in. CMP (dipped);
  - (20) 606 lf. 18-in. CMP (dipped);
  - (21) 290 lf. 24-in. CMP (dipped);
  - (22) 176 lf. 30-in. CMP (dipped);
  - (23) 128 lf. 36-in. CMP (dipped);
  - (24) 170 lf. relay culvert pipe;
  - (25) 142 each, move pipe culvert headwalls;
  - (26) 14 each, monuments;
  - (27) 26 each, move monuments;
  - (28) 200 c.y. rock cleanup;
  - (29) Force account, roadside cleanup.
- Total bids follow:
- (A) Nevada Rock & Sand Co., Inc., Reno, Nevada—\$80,900.27.
  - (B) George French, Jr., Stockton—\$83,256.48.
  - (C) Dodge Constr. Inc., Fallon, Nev.—\$88,404.28.
  - (D) Isbell Constr. Co., Reno, Nev.—\$98,414.78.
  - (E) Union Paving Co., San Francisco—\$99,182.50.
  - (F) Heafey-Moore Co., Fredrickson & Watson Constr. Co., and Fredrickson Bros—\$99,378.76.
  - (G) Geo. Pollock Co., Sacramento, Calif.—\$99,788.72.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 10.00	\$ 20.00	\$ 10.00	\$ 25.00	\$ 25.00	\$ 15.00	\$ 50.00
(2)	.75	.50	1.00	1.00	.35	.80	.75
(3)	5.00	5.00	5.00	5.00	5.00	6.50	10.00
(4)	.25	.25	.30	.30	.25	.31	.33
(5)	.35	.25	.25	.40	.40	.35	.40
(6)	.35	.30	.50	1.00	.75	.75	.40
(7)	5.00	3.00	5.00	5.00	4.00	7.00	10.00
(8)	.02	.02	.02	.02	.01	.02	.03
(9)	.25	.20	.20	.25	.25	.20	.25
(10)	1.25	1.00	1.50	1.50	1.50	1.20	1.50
(11)	.50	.50	.50	.50	.50	.40	1.00
(12)	100.00	100.00	100.00	100.00	125.00	150.00	150.00
(13)	.46	.45	.50	.56	.60	.65	.53
(14)	.32	.35	.35	.40	.45	.35	.38
(15)	5.00	8.00	5.00	3.00	5.00	5.00	5.00
(16)	27.50	35.00	30.00	35.00	35.00	40.00	35.00
(17)	28.00	35.00	30.00	35.00	35.00	40.00	35.00
(18)	.07	.08	.10	.10	.10	.10	.08
(19)	2.25	2.50	2.25	2.25	2.25	1.50	2.50
(20)	2.50	3.00	2.50	3.00	3.00	2.10	3.00
(21)	3.25	4.00	3.50	5.00	4.00	3.00	3.75
(22)	4.00	5.00	4.00	4.50	4.25	4.00	4.50
(23)	6.00	6.00	6.00	6.35	6.50	5.50	6.50
(24)	1.00	1.00	1.00	1.00	.25	.60	.75
(25)	10.00	10.00	10.00	10.00	6.00	15.00	10.00
(26)	3.50	3.00	4.00	3.50	3.00	3.00	4.00
(27)	2.50	1.50	2.00	3.00	2.5	3.00	2.50
(28)	2.00	2.00	1.00	1.00	1.00	2.00	5.00
(29)	1370.00	1370.00	1370.00	1370.00	1370.00	1370.00	1370.00

## SAN FRANCISCO—Sunset Discharge Main—(City)

SAN FRANCISCO—Williams Bros. & Haas, Inc., 1104 Merchants Exchange Building, San Francisco, at \$214,820.15, submitted low bid to the Public Utilities Commission, Room 257, City Hall, San Francisco, under Spec. No. W.D. 108, for the laying of 60-in. steel sunset discharge main, San Francisco.

- Work involves:
- (1) 9,570 lf. 60-in. diam. pipe, fabrication, lining and coating of steel pipe with single standard wrapping;
  - (2) 35 roundabout seams from 60-in. diam. steel pipe, fabrication of bends;
  - (3) 9,400 lf. excav. and backfill, for normal trench not over 8 feet below official street surface for 60-in. diam. pipe;
  - (4) 254 c.y. additional excav. and backfill, for trench from normal depth to 10 ft. below official street surface;
  - (5) 406 c.y. additional excav. and backfill, for trench over 10 feet below official street surface;
  - (6) 100 c.y. excav. and backfill for drains, normal trench;

- (7) 100 c.y. excav. and backfill for blow-offs, normal trench;
  - (8) 1,100 sq. ft. additional pavement removal and replacement;
  - (9) 250 lf. installation of drains;
  - (10) 9,400 lf. of 60-in. diam. steel pipe;
  - (11) 153 lf. of bell and spigot joints for fittings, etc.;
  - (12) 40,000 lbs. installation of fittings;
  - (13) 57,000 sq. ft. repavement.
- Total bids follow:
- (A) Williams Bros. & Haas, Inc., 1104 Merchants Exchange Bldg., San Francisco—\$214,820.15.
  - (B) Sibley Grading & Teaming Co., San Francisco—\$219,840.25.
  - (C) MacDonald & Kahn Co., Ltd., San Francisco—\$225,347.80.
  - (D) Barrett & Hilp, San Francisco—\$228,829.00.
  - (E) Marco - Robertson, Ltd., Clearwater—\$230,054.50.
  - (F) Piombo Bros. & Co., San Francisco—\$235,201.00.
  - (G) E. C. Clifford, San Francisco—\$242,035.65.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$14.28	\$12.85	\$15.85	\$14.00	\$13.85	\$14.00	\$12.50
(2)	67.00	31.25	40.00	40.00	43.00	55.00	69.30
(3)	3.75	5.57	5.00	6.00	4.00	5.50	6.08
(4)	6.00	7.50	2.70	4.00	4.00	3.00	2.63
(5)	2.00	12.00	3.00	5.00	5.00	6.00	3.55
(6)	2.20	5.00	3.50	5.00	5.00	3.00	3.50
(7)	2.20	5.00	3.50	5.00	5.00	3.00	3.50
(8)	30	35	26	30	30	30	58
(9)	1.20	1.00	.80	2.00	1.00	1.50	2.31
(10)	1.83	1.98	2.15	2.00	3.00	2.50	3.19
(11)	.35	1.00	1.50	1.00	3.00	1.00	3.45
(12)	.07	.04	.04	.04	.15	.06	.063
(13)	.30	.24	.35	.20	.35	.30	.267

**INYO COUNTY—GRADING & SURFACING—(State)**

INYO COUNTY, Calif. — Basich Bros., 20530 So. Normandie Avenue, Los Angeles, at \$70,631.30 submitted low bid to the State Division of Highways, C. H. Purell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant mixed surfacing about 7.4 miles between Diaz Lake and Alabama Gates in Inyo County.

Work involves:

- (1) 1,350 M. gas. water;
- (2) 32,590 c.y. rdwy. excav., unclass.
- (3) 2,740 c.y. struc. excav.;
- (4) 37,030 c.y. imported borrow;
- (5) 278,350 sta. yds. overhaul;
- (6) 60 c.y. remove concrete;
- (7) 390 sta. finishing rdwy.;
- (8) 11,980 tons min. agg. plant-mix surface;
- (9) 660 tons liquid asph. ROMC-3 ROMC-4 or ROMC-5 plant-mix surf.;
- (10) 95 tons liquid asph., SC-2 prime coat;
- (11) 2,830 lbs. bar relin. steel;
- (12) 90 c.y. Class A Portland cement concrete struc.;
- (13) 8,500 lbs. misc. iron and steel;
- (14) 6 c.y. rubble masonry;
- (15) 1,036 lf. 12-in. CMP;
- (16) 20 lf. 12-in. CMP siphon;
- (17) 248 lf. 15-in. CMP;
- (18) 74 lf. 18-in. CMP siphon;
- (19) 820 lf. 24-in. CMP;
- (20) 294 lf. 24-in. CMP siphon;
- (21) 118 lf. 30-in. CMP;
- (22) 70 lf. 30-in. CMP siphon;
- (23) 7,060 lf. 6-in. perf. metal pipe underdrains;
- (24) 1,620 ly. rock filling materials, underdrains;

- (25) 1 each 12-in. conc. joints (pipe siphons);
- (26) 3 each 18-in. concrete do.;
- (27) 13 each 24-in. concrete do.;
- (28) 3 each 30-in. concrete do.;
- (29) 350 lf. remove and relay pipe culverts;
- (30) 1,170 lf. remove and salvage pipe culverts;
- (31) 95 c.y. Class A Portland cement concrete curbs and sidewalks;
- (32) 150 lf. remove and reset existing curb railing;
- (33) each guide posts;
- (34) 72 each culvert markers;
- (35) 1 each cattle guard;
- (36) 1.1 miles move and reset existing fences;
- (37) 14 each move and reset existing monuments;
- (38) 26 each new monuments.

The State will furnish CMP perforated metal pipe and band couplers.

Total bids follow:

- (A) Basich Bros., 20530 So. Normandie Ave., L. A. \$70,631.30.
- (B) Oswald Bros., L. A.—\$83,357.30.
- (C) Claude C. Wood, Stockton—\$89,269.00.
- (D) Griffith Co., L. A.—\$89,168.25.
- (E) Frederickson & Westbrook, Low-erlake—\$96,650.40.
- (F) A. S. Vinnell Co., Alhambra—\$97,599.34.
- (G) George Herz & Co., San Bernardino—\$97,604.10.
- (H) C. O. Sparks & Mundo Eng Co., Los Angeles—\$141,468.90.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	.50	1.50	1.00	2.00	1.50	1.40	1.75	2.50
(2)	.22	.32	.30	.40	.35	.12	.40	.50
(3)	1.14	1.25	1.00	1.30	1.25	1.00	1.50	1.50
(4)	.38	.45	.40	.45	.50	.55	.56	.90
(5)	.006	.006	.005	.005	.01	.003	.006	.008
(6)	2.00	3.00	4.00	5.00	6.00	4.00	7.00	10.00
(7)	4.00	5.00	5.00	3.00	10.00	18.00	7.00	10.00
(8)	4.45	1.65	2.50	2.00	1.85	1.94	1.70	2.90
(9)	16.25	18.00	17.00	17.00	19.00	17.00	19.00	22.00
(10)	10.04	15.00	14.00	18.00	15.00	13.00	18.00	16.00
(11)	.07	.06	.10	.07	1.10	.08	.08	.10
(12)	24.00	30.00	30.00	35.00	50.00	50.00	34.00	35.00
(13)	.15	.15	.20	.15	.20	.20	.20	.20
(14)	20.00	15.00	15.00	30.00	25.00	12.00	25.00	25.00
(15)	.35	.35	.30	.40	.30	.38	.55	1.00
(16)	.45	.35	.40	.40	.30	.38	.55	1.00
(17)	.55	.40	.40	.50	.40	.43	.50	.80
(18)	.55	.40	.50	.60	.40	.48	.65	1.50
(19)	.60	.50	.50	.60	.50	.75	.60	1.50
(20)	.60	.50	.50	.70	.50	.58	.75	2.00
(21)	.80	.65	.75	.80	.60	.64	.80	2.50
(22)	1.00	.65	1.00	1.00	.60	.65	1.00	3.50
(23)	.24	.25	.20	.20	.25	.20	.30	.30
(24)	2.35	2.50	2.00	2.00	2.50	2.80	2.50	7.00
(25)	3.50	5.00	5.00	10.00	6.00	1.60	8.00	25.00
(26)	3.75	6.00	5.00	10.00	7.00	1.50	9.00	25.00
(27)	4.50	7.00	6.00	10.00	8.00	2.00	10.00	30.00
(28)	5.25	9.00	7.50	10.00	9.00	3.50	12.00	35.00
(29)	.50	.75	1.00	.60	.75	.80	.80	1.50
(30)	.55	.40	.50	.50	.60	.50	.75	1.00
(31)	15.00	18.00	30.00	20.00	37.00	14.00	24.00	16.00
(32)	1.25	.75	.75	1.00	2.00	1.40	1.20	7.25
(33)	2.00	2.50	3.00	3.00	4.00	1.50	3.50	4.00
(34)	2.50	2.50	3.00	3.00	4.00	2.00	3.50	4.00
(35)	250.00	300.00	300.00	250.00	400.00	300.00	110.00	500.00
(36)	500.00	400.00	300.00	500.00	500.00	600.00	500.00	500.00
(37)	3.00	2.00	1.50	3.00	2.50	1.30	2.50	2.00
(38)	3.00	3.00	3.00	3.00	4.00	3.50	3.50	1.00

**BIDS WANTED**

LOS ANGELES, Calif.—Until Nov. 9, 2 p.m., bids will be received by the Los Angeles County Supervisors for furnishing and installing three new 250-hp. water tube boilers with accessories, including piping work, installation and connecting of miscellaneous equipment, and removing 4 existing boilers in boiler house, Olive View (No. 57), Spec. 418-R. Bids will be taken as follows:

(A) Complete, using 3 1/4-in. diam. No. 10 gauge boiler tubes;

(B) Complete, using 2 1/2-in. diam. No. 10 gauge boiler tubes.

Specifications were prepared by R. E. Shoner, mechanical engineer. \* 33


**CONTRACT AWARDED**

SANTA CLARA COUNTY, Calif.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at \$24,400, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court House, San Jose, for the improvement of the channel of the Silver Creek, from Jackson Avenue to the Coyote Creek, Santa Clara County.

Total bids follow:  
Palo Alto Road Materials Co., 465 California Ave., Palo Alto—\$24,400.

A. J. Raich, San Jose—\$25,400.  
Union Paving Company, San Francisco—\$25,697.

Earl W. Heple, San Jose—\$29,000.  
Dan Caputo, San Jose—\$31,384.



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## SAN JOAQUIN &amp; SACRAMENTO COUNTIES—Bridge Constr.—(State)

SAN JOAQUIN & SACRAMENTO COS., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$52,652.50 (sub total), plus \$15,949.50 (alternate "C"), submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete slab bridges across Dry Creek about one mile east of Galt; one consisting of seven 22 ft. 0 in. spans, one 15 ft. 0 in. span, and two 7 ft. 6 in. spans; the other consisting of thirty-four 22 ft. 0 in. spans, five 15 ft. 6 in. spans, and two 7 ft. 6 in. spans, all supported by reinforced concrete pile bents, San Joaquin and Sacramento Counties.

## Work involves:

- (1) 75 c.y. struc. excav.;  
 (2) 650 tons untreated crushed gravel or stone surf.;  
 (3) 20 tons liq. asph., SC-3;  
 (4) 330,000 lbs. bar reinf. steel;  
 (5) 1,360 c.y. class A Portland cement concrete;  
 (6) 6,800 lbs. misc. steel;  
 (7) 2,140 l.f. solid timber railing;  
 (8) 1 lot misc. items of work;  
 ALTERNATE A:  
 (9) 7,350 l.f. furnishing precast concrete piles standard specification type;  
 (10) 147 each, driving precast concrete piles, standard specification type;  
 ALTERNATE B:  
 (11) 7,350 l.f. furnishing precast concrete piles, centrifugally spun type;  
 (12) 147 each, driving precast concrete piles, centrifugally spun type;

- crete piles, centrifugally spun type;  
 ALTERNATE C:  
 (13) 7,350 l.f. furnish concrete piles, cast in place type, not requiring mandrel;  
 (14) 147 each, driving steel shells, type not requiring mandrel;  
 ALTERNATE D:  
 (15) 7,350 l.f. furnish concrete piles, cast in place, mandrel type;  
 (16) 147 each, driving steel shells, mandrel type.  
 NOTE: Bidder is required to submit a bid on one alternate and may, but is not required to, submit bids on all alternates.

## Following submitted bids:

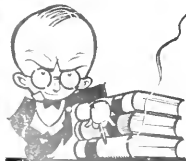
- (1) Sub total; (2) Alternate A; (3) Alternate C; (4) Alternate D.

(A) Lord & Bishop, Native Sons Bldg., Sacramento .....	(1)	\$52,652.50
.....	(2)	20,580.00
.....	(3)	15,949.50
.....	(4)	17,272.50
(B) Campbell Construction Co., Sacramento .....	(1)	51,298.50
.....	(4)	21,829.50
(C) John Rocca, San Rafael .....	(1)	52,375.00
.....	(2)	21,315.00
.....	(3)	23,226.00
.....	(4)	22,785.00
(D) John Strona, Pomona .....	(1)	53,703.50
.....	(3)	17,419.50
.....	(4)	18,007.50
(E) R. R. Bishop, Long Beach .....	(1)	55,817.00
.....	(4)	20,139.00
(F) F. C. Amorosa & Son, San Francisco .....	(1)	56,794.00
.....	(2)	24,255.00
(G) A. Soda & Sons, Oakland .....	(1)	61,327.50
.....	(2)	84,847.50
.....	(4)	23,520.00
(H) A. Teichert & Son, Inc., Sacramento .....	(1)	62,591.00
.....	Combined (2)	89,051.00
.....	Combined (4)	83,391.50
(I) S. D. Bechtel, San Francisco .....	(1)	66,940.00
.....	(2)	24,649.00
(J) Barrett & Hill, San Francisco .....	(1)	75,755.00
.....	(2)	18,816.00
.....	(4)	17,640.00
(K) Heafey-Moore Co., Fredrickson and Watson Constr. Co., and Fredrickson Bros., Oakland .....	Combined (4)	75,003.00

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 1.50	\$ 2.00	\$ 1.50	\$ 2.00	\$ 1.00	\$ 6.00	\$ 1.50	\$ 1.50	\$ 3.00	\$ 3.00	\$ 1.60
(2)	2.00	2.75	2.00	1.75	3.00	2.50	3.50	2.25	2.50	3.00	2.40
(3)	25.00	25.00	15.00	15.00	17.00	26.00	26.00	20.00	25.00	15.00	19.00
(4)	.052	.05	.05	.05	.0510	.0525	.05	.05	.06	.05	.054
(5)	22.00	20.75	21.75	22.65	19.00	23.00	23.00	28.75	27.00	36.50	22.00
(6)	.15	.12	.15	.185	.20	.13	.20	15	.20	.20	.16
(7)	1.00	1.25	1.25	1.10	2.30	1.50	2.00	1.40	1.50	2.00	1.00
(8)	500.00	650.00	750.00	1200.00	4500.00	1500.00	5000.00	1000.00	3500.00	1500.00	660.00
(9)	2.20	.....	1.74	.....	.....	1.90	2.00	2.00	1.50	1.20	.....
(10)	30.60	.....	58.00	.....	.....	70.00	60.00	80.00	92.00	68.00	.....
(11)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(12)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(13)	1.85	.....	2.36	1.19	.....	.....	.....	.....	.....	.....	.....
(14)	16.00	.....	40.00	59.00	.....	.....	.....	.....	.....	.....	.....
(15)	1.25	* 1.68	1.80	1.21	1.20	.....	2.00	1.25	.....	1.20	1.50
(16)	55.00	64.50	65.00	62.00	77.00	.....	60.00	79.00	.....	60.00	70.00

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San Francisco



SAN MATEO & SANTA CLARA COS.—PIPE LINES—(City)

SAN MATEO & SANTA CLARA COS., Calif.—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at \$213,620, submitted low bid to the San Francisco Pub. Utilities Commission, Room 287, City Hall, San Francisco, under Spec. W.D. 156, for the construction of the Palo Alto Pipe Lines, San Mateo and Santa Clara Counties.

Work involves:

- (1) 28,500 lf. removal and delivery of 36-in. pipe from Corral Hollow pipe line;
- (2) 28,500 lf. removal of lining and coating from 36-in. steel pipe;
- (3) 450 lf. repair of holes in the steel pipe;
- (4) 269,000 sq. ft. application of bituminous enamel lining for steel pipe;
- (4a) 271,000 sq. ft. application of bituminous enamel coating for steel pipe;
- (5) 271,000 sq. ft. felt wrapping on steel pipe;
- (6-7) No items 6 or 7 in specifications;
- (8) 30,000 lbs. fabrication of steel pipe specials;
- (9) 120 roundabout seams fabrication of bends in field;
- (10) 28,500 lf. installation of 36-inch pipe and pipe specials;
- (11) 4 10-inch flexible couplings furnished and installed;
- (12) 3,000 lbs. furnishing and installing steel saddle nozzles;
- (13) 2,000 lbs. furnishing and installing steel companion flanges;
- (14) 1,000 lbs. furnishing and installing miscellaneous steel work attached to pipe;

- (15) 13,500 lbs. furnishing and installing miscellaneous steel work not attached to pipe;
- (16) 15 8-in., double-disc, non-rising stem gate valves, furnished and installed;
- (17) 8 10-in., double-disc, rising stem gate valves, furnished and installed;
- (18) 3 12-in., double-disc, non-rising stem gate valves, furnished and installed;
- (18a) 1 12-in., double-disc, rising stem gate valve, furnished and installed;
- (18b) 2 12-in., solid wedge, rising stem gate valves, furnished and installed;
- (19) 2 10-in. water meters, furnished and installed;
- (20) 26,000 lbs. cast iron pipe, gate valves, covers, flanges and fittings, furnished and installed;
- (21) 7,000 lbs. corrugated metal pipe culverts, furnished and installed;
- (22) 1,800 lbs. steel castings not covered by other items, furnished and installed;
- (23) 1,000 lbs. bolts, nuts and washers, furnished and installed;
- (24) 2,800 lbs. installing small valves furnished by the City;
- (25) 8,300 lbs. installing fittings furnished by the City to be riveted or welded to the pipe;
- (26) 13,000 lbs. large gate valves, furnished and installed;
- (27) Installing 2,000 lbs. miscellaneous metal work, furnished by the City;
- (28) 31,000 c.y. excavation for pipe trenches up to 8 ft. depth;
- (29) 1,200 c.y. additional excavation

- for pipe trenches:
- (30) 200 c.y. excavation for footings and structures;
- (31) 3,700 c.y. sandbackfill for excavation;
- (32) Remove, repair and/or replace 30 house sewer laterals;
- (33-34) No items 33 and 34 in specifications;
- (35) 50 c.y. Class A concrete;
- (36) 20 c.y. Class B concrete;
- (37) 10 bbls. extra cement;
- (38) 4,000 lbs. reinforcing steel;
- (39) 2,000 lbs. structural steel, furnishing and installing;
- (40) 1,000 sq. yds. painting miscellaneous structures;
- (41) 30,000 sq. ft. repavement;
- (42) Lump sum, furnishing and installing chain link fence.

- Total bids follow:
- (A) Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater—\$213,620.
  - (B) Williams Bros. & Haas, Inc., San Francisco—\$216,263.38.
  - (C) Payton Bros., Pacific Grove—\$220,606.60.
  - (D) M. J. Lynch, San Francisco—\$224,422.
  - (E) MacDonald & Kahn, Ltd., San Francisco—\$259,932.
  - (F) R. G. Clifford, San Francisco—\$268,700.
  - (G) S. D. Bechtel Co., San Francisco—\$269,840.
  - (H) Union Paving Co., San Francisco—\$281,292.50.
  - (I) Lindgren & Swinerton, Inc., San Francisco—\$303,147.
  - (J) Eaton & Smith, San Francisco—\$353,315.

at prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 1.50	\$ 1.48	\$ 1.15	\$ 2.00	\$ 1.50	\$ 1.72	\$ 1.50	\$ 2.00	\$ 2.11	\$ 3.00
(2)	.70	.61	.50	.70	1.00	.78	1.00	1.00	1.24	1.00
(3)	4.00	1.61	1.50	2.00	3.00	2.60	2.50	1.75	1.50	5.00
(4)	.06	.06	.0782	.06	.06	.092	.07	.08	.08	.10
(4a)	.06	.07	.0782	.06	.06	.097	.08	.08	.08	.10
(5)	.04	.04	.02	.03	.04	.05	.05	.05	.05	.05
(6-7)										
(8)		.15	.16	.12	.18	.16				
(9)	25.00	25.00	30.00	25.00	15.00	29.30	.15	.14	.16	.18
(10)	1.15	1.18	1.35	1.15	1.50	1.56	30.00	25.00	24.00	26.00
(11)	25.00	10.45	15.00	12.00	30.00	16.80	1.75	2.00	1.88	1.10
(12)	.40	.25	.35	.38	.20	.45	20.00	25.00	80.00	15.00
(13)	.30	.20	.25	.25	.20	.34	.45	.50	.44	.50
(14)	.30	.20	.25	.15	.25	.26	.35	.35	.25	.40
(15)	.20	.12	.15	.12	.15	.21	.25	.30	.29	.30
(16)	70.00	57.40	60.00	60.00	80.00	78.00	.20	.25	.18	.20
(17)	130.00	138.80	120.00	120.00	145.00	146.00	75.00	75.00	75.00	85.00
(18)	140.00	140.40	127.10	120.00	150.00	157.00	140.00	150.00	138.00	180.00
(18a)	160.00	188.06	153.60	150.00	200.00	196.00	150.00	125.00	157.00	180.00
(18b)	160.00	188.06	153.60	150.00	200.00	196.00	175.00	225.00	183.00	220.00
(19)	1100.00	900.00	1000.00	1200.00	1600.00	1960.00	175.00	225.00	200.00	210.00
(20)	.20	.12	.18	.17	.18	.11	1200.00	1000.00	1050.00	1200.00
(21)	.15	.12	.15	.12	.13	.25	.22	.18	.18	.20
(22)	.30	.25	.25	.25	.20	.17	.15	.12	.19	.15
(23)	.35	.15	.25	.25	.20	.17	.30	.15	.98	.23
(24)	.15	.29	.06	.03	.10	.12	.35	.25	.22	.28
(25)	.15	.17	.06	.11	.20	.10	.15	.06	.12	.07
(26)	.05	.05	.07	.035	.06	.05	.05	.09	.15	.10
(27)	10	.12	.05	.06	.05	.06	.10	.09	.07	.07
(28)	.85	1.10	1.25	.05	.10	.12	.15	.15	.05	.07
(29)	1.50	1.10	2.50	5.00	1.50	1.95	1.25	1.10	1.58	2.60
(30)	1.50	1.73	3.00	2.20	2.00	5.20	4.00	2.00	3.00	3.00
(31)	2.00	2.00	2.00	1.50	1.40	2.30	3.00	2.00	2.75	3.00
(32)	25.00	23.00	10.00	15.00	15.00	26.00	2.00	1.60	1.25	2.00
(33-34)							25.00	25.00	25.00	10.00
(35)	20.00	28.75	30.00	20.00	15.00	26.00				
(36)	16.00	28.75	27.50	20.00	16.00	23.40	30.00	22.00	27.50	40.00
(37)	4.00	2.88	3.00	2.50	2.00	3.60	25.00	20.00	25.00	30.00
(38)	.10	.025	.06	.07	.06	.09	3.00	5.00	3.50	3.00
(39)	.20	.18	.17	.15	.12	.21	.06	.07	.06	.05
(40)	.50	.23	.30	.30	.35	.26	.20	.35	.08	.15
(41)	.25	.20	.26	.22	.22	.31	.50	.50	.50	.60
(42)	600.00	615.00	735.70	787.00	1777.00	594.00	600.00	700.00	540.00	700.00

★ "STAR PRINTERS" are as rare as 20 days of rain in July. For your next printing estimate consult with STARK-RATH Printing and Publishing Co.—"The House of Personal Service."



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**November 2, 2 P. M.**  
**BID NOS. 5242, 5244, 5245 and 5246**—Folding butcher knives; tin containers; round tin pails and covers; containers and covers, pans, pails and boxes, knives and forks, f.o.b. Government Island.

**November 3, 2 P. M.**  
**BID NOS. 5247, 5248, 5249, 5250, 5251, 5252 and 5253**—Pans; paring knives; tin cups; spoons and forks; tin plates; fry pans and butcher knives, can openers, potato mashers and cake turners; f.o.b. Government Island.

**November 5, 2 P. M.**  
**BID NOS. 5256, 5257 and 5258**—Army knives; aluminum pails and covers; and coffee pots; f.o.b. Government Island.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**October 29, 2 P. M.**  
**BID NO. 5240**—Shovel handle compass attachments; f.o.b. Government Island.

**November 2, 2 P. M.**  
**BID NO. 5241**—Three-inch axe stones, f.o.b. Government Island.  
**BID NO. 5243**—Kettle chains; f.o.b. Government Island.

**SAN FRANCISCO**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing materials and rental of equipment, as follows:

**October 26, 10 A. M.**  
**BID NO. 4606**—Rental of one tandem roller, not less than 6 tons, for 150 hours; f.o.b. San Francisco Airport, San Mateo Co.

**BID NO. 4608**—Rental of one floor grading machine; f.o.b. Aquatic Park Project, Larkin and Beach Sts., San Francisco.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Until November 5, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5255, for furnishing five gross detachable clamp handles; f.o.b. Government Island.

**GOVERNMENT ISLAND, Calif.**—Until October 28, 2 p.m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5263, for furnishing 105 dozen water bags; f.o.b. Portland, Ore.

## LOS ANGELES CITY

**LOS ANGELES, Cal.**—Until Oct. 26, 2 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for pigtails with connectors, Spec. 2434, as follows:

- (1) 25 pigtails with 90 deg angle connectors, 72-in. in length;

- (2) 1200 pigtails with 90 deg angle connectors, 40 in. in length;
- (2) Alt 1200 pigtails with 90 deg angle connectors, 40 in. in length;
- (3) 500 pigtails with straight connectors, 40 in. in length;
- (3) Alt 500 pigtails with straight connectors, 40 in. in length.

**LOS ANGELES, Cal.**—Until October 26, 2:00 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for:  
 (a) 4 5-in. dia. disc-injecting valves, non-rising stem, all bronze internal working parts, incl. disc; 175 lbs per sq. in. working water pressure.  
 (b) 17 12-in. same.  
 Spec. 2435

## CANAL ZONE

**PANAMA CANAL**—Until Nov. 1, 10:30 a.m., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., for furnishing supplies and materials, as follows:  
**SCH. NO. 3295** 6000 lbs. fuel oil, "Banker 70", f.o.b. Balboa, Canal Zone.  
**SCH. NO. 3296**—Metal cutting lathes, milling machine, drills, saws, spot welder, hydraulic press, testing machine, etc., for the High School and Junior College, Balboa, Canal Zone.

## CONCHAS DAM

**CONCHAS DAM, New Mexico**—Until Nov. 1, 11:00 a.m., bids will be received by U. S. Engineer, Conchas Dam, New Mexico, for 25 only 1 1/2-in. and 15 only 2-in. aloxite grinding wheels, 10" bond, medium cut, 14 1/2-in. dia., 11-in. diam.; Invt. W-91-458-49

## TREASURY DEPARTMENT

**SAN FRANCISCO**—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for the rental of one 1934 1/2-ton truck, less than 3, 000 miles, for use on the Siskiyou Peak Project, Oregon.

## NAVY DEPARTMENT

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies and Accounts, Department of the Navy, for the following: furnishing of 1000 lbs. of the following: 1) 1/2-in. dia. galvanized pipe, and 2) 1/2-in. dia. galvanized pipe, for eastern and western yards.  
**SCH. 119-100**—Batteries and accessories for eastern and western yards.  
**SCH. 119-101**—Batteries and accessories for eastern and western yards.

**SCH. 119-102**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-103**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-104**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-105**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-106**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-107**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-108**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-109**—Fuel tank and accessories for eastern and western yards.  
**SCH. 119-110**—Fuel tank and accessories for eastern and western yards.

ess. for San Diego, Oct. 26.  
**SCH. 1570**—146,000 waterproof protecting cap assemblies, for eastern and western yards, October 29th.

**SCH. 1564**—64 tons foundry pig iron, for eastern or western yards, October 26th.

**SCH. 1590**—2 display cabinets, brine cooled, for butcher shop, for eastern or western yards, Nov. 2nd.

**SCH. 1582**—One motor truck, for San Francisco, Oct. 29.

**SCH. 1595**—One gun metal sprayer, for Mare Island, Nov. 2nd.

**SCH. 1894**—Two electrically operated vegetable peeling machines and parts, for Mare Island, October 26th.

**SCH. 1886**—Hand-operated glue clamp carrier machine, for Mare Island, Nov. 2nd.

**SCH. 1839**—Electric fuses, for eastern and western yards, Oct. 26.

**SCH. 1891**—Electrodes, welding (covered), corrosion-resisting steel, for eastern yards and Puget Sound, Nov. 2nd.

**SCH. 1885**—Tubing, steel, carbon-molybdenum, seamless, for eastern and western yards, Oct. 29.

**SCH. 1892**—Turbine-driven, force draft blowers, for eastern and western yards, Nov. 2nd.

**SCH. 1888**—Seamless steel tubing, for eastern and western yards, Oct. 29th.

## WAR DEPARTMENT

**SACRAMENTO, Cal.**—Bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials and rental of equipment, as follows:

**October 26, 3:00 P. M.**  
**BID NO. 1105-28-107**—Wire, steel staples and nails, f.o.b. Lovdai, California.

**October 28, 3:00 P. M.**  
**BID NO. 1105-28-105**—Files, round iron, pipe, and ellis, f.o.b. Rio Vista, Calif.

**FORT MASON, Calif.**—Until October 26, 10:00 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-28-110 for furnishing 32,000 BM 1/2 lumber, f.o.b. shipping point and or Dock No. 2, Fort Mason, San Francisco.

**FORT MASON, Calif.**—Until Nov. 2, 10:00 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-28-111, for furnishing chisels, hammer, knives, wrench, picket, shovel, etc., f.o.b. Presidio, San Francisco.

**SACRAMENTO, Calif.**—Until October 29, 3:00 p.m., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:  
**BID NO. 1105-28-111**—Air brake valves and parts, f.o.b. Rio Vista.  
**BID NO. 1105-28-112**—Air brake valves and parts, f.o.b. Rio Vista.  
**BID NO. 1105-28-113**—Air brake valves and parts, f.o.b. Rio Vista.  
**BID NO. 1105-28-114**—Air brake valves and parts, f.o.b. Rio Vista.

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## IN THIS ISSUE



A. G. C. Convention Slated  
For S. F. in 1939



*Bids November 19 on Ft. Bragg School*



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Vol. XX

SAN FRANCISCO, CALIF., OCTOBER 30, 1937

No. 41

## GUY F. ATKINSON NAMED TO HEAD A. G. C. IN 1939

### S. F. Contractor Elected First Vice-President, to Become President Next Year

San Francisco will be the convention city of the Associated General Contractors of America in 1939, "Exposition Year."

On motion of Floyd O. Booe, secretary-manager of the Northern California chapter of the organization with headquarters in this city, "The Men Who Are Building America," at their annual convention in Atlantic City, N. J., had yesterday voted approval.

In addition and to give the occasion an all-San Francisco savour—on Booe's motion the convention elected Guy E. Atkinson, prominent general contractor of this city, first vice-president for 1938, from which office he will automatically rise to president in 1939.

#### Wire From Booe

News that the delegates and members of their families to the number of approximately 4000 will come to San Francisco and the Golden Gate International Exposition in 1939 was contained in a telegram from Secretary-Manager Booe received at the local office of the organization yesterday.

Booe flew to the convention last Tuesday on a T. W. A. transcontinental plane in a last-minute dash to bring the convention here during the exposition.

Atkinson is president of the Guy F. Atkinson Company, Inc., of San Francisco, at present associated with Mason, Walsh, Atkinson, Kier Company in building the first \$60,000,000 unit of the \$350,000,000 Grand Coulee Dam project. When President Roosevelt on his cross-nation tour visited there recently Atkinson was host at a banquet in his honor.

Distillate oil burner shipments in August, 1937, numbered 55,071, as compared with 33,845 in the preceding month and 49,847 in August last year, according to census bureau statistics.

### VISALIA STORE BID DATE SET

Bids for construction of the \$80,000 Montgomery, Ward & Co. store in Visalia will be opened at the company's Chicago offices November 9, it was announced this week. Plans for the work are being figured by a selected list of contractors.

The building will be one-story in height, of Class B construction, and will contain approximately 36,000 square feet of store space. It will have a basement and a mezzanine floor. Plans are by Montgomery, Ward engineering department.

## STATE TO OPEN BIDS NOV. 7 FOR OVERPASS

SACRAMENTO, Oct. 26.—Continuing its program of grade separation construction, the State Highway Commission today authorized for advertising a contract for constructing an overpass in San Luis Obispo county.

Bids on the contract, only work placed on the market by the Commission today, will be opened in Sacramento November 17.

The overhead crossing will carry the state highway over the Southern Pacific tracks about six miles north of San Luis Obispo.

It will be a reinforced concrete girder structure having a total length of approximately 470 feet.

The overpass will consist of two 59-foot spans, two spans 50 feet three and seven-eighths inches in length, four spans 45 feet four inches long, and two spans 32 feet six inches in length.

Principal items on which contractors will submit figures include: 2700 cubic yards structure excavation; 413 pounds bar reinforcing steel; 2300 cubic yards Class A Portland cement concrete in structure; 16,000 pounds miscellaneous steel; 40 feet of 8-inch corrugated metal pipe; 80 feet of 18-inch corrugated metal pipe; and one spillway assembly.

## BIDS SCHEDULED ON HIGH SCHOOL AT FORT BRAGG

### Proposals on \$181,000 Project Will Be Opened November 19

Bids for construction of the Fort Bragg High School have been invited by the Fort Bragg Union High School District, according to Superintendent of Schools Paul C. Ryan.

Bids will close November 19 at 8:00 P. M., and will be opened at 8:15 P. M. in Mr. Ryan's office, 500 Harold street, Fort Bragg.

The school, according to estimates filed with the Public Works Administration, will cost approximately \$181,800. Toward this estimated total the PWA has allotted a grant of \$87,810, and the balance of necessary funds will be supplied by the district.

The high school will be a one-story frame structure with steel trusses. It will contain 19 classrooms, a cafeteria, offices, and a gymnasium and auditorium. Foundations will be of reinforced concrete. The building will have composition roofing.

Plans for the building were prepared by Architect W. E. Coffman of Sacramento, with F. W. Kellberg of San Francisco as structural engineer.

In announcing its grant allotment, a PWA report declared the new structure necessary because "the existing building is in a deplorable condition, absolutely unfit for educational purposes, and should be abandoned as soon as possible." The grant was one of 648 allotted in August to projects for which bond elections were held prior to the final two-year extension of PWA.

### FURNITURE ORDERS GAIN

New orders for steel office furniture received during the first eight months of 1937 totaled \$17,874,874, as compared to orders amounting to \$12,401,885, taken during the same period in 1936, the Bureau of Census reports in its monthly bulletin.

## BIDS SOON ON GYMNASIUM AT LOWELL HIGH

**Plans for Structure Completed; Open Junior College Test Boring Bids**

Indications that a \$1,394,000 school construction program will be underway in Northern California soon came yesterday as Acting Director Sid J. Hester of the San Francisco Department of Public Works announced that bids would be called for construction of a boys' gymnasium at Lowell High School "within two weeks."

The Lowell gymnasium was the second major San Francisco school project slated for immediate construction during the past week by local authorities.

Bids were opened yesterday at the Department of Public Works meeting for boring ten test holes on the site of the proposed San Francisco Junior College, first step toward actual construction of the \$693,000 initial unit of the junior college which City Architect Charles H. Sawyer last week announced should be underway by the first of the year.

### Test Boring Bids

Low bidder for digging the test holes was William Allingham Company at \$1.20 per hole. The only other bidder was Robert Garcia, at \$2.00.

Other Northern California school projects are: the \$85,000 Santa Clara High School gymnasium for which bids will be opened November 16; the \$153,225 Porterville High School for which bids will be opened November 19; the \$125,455 Watsonville Union High School gymnasium and pool, plans for which were approved last week by PWA officials, and the \$181,800 Fort Bragg High School on which bids open November 19.

Plans and specifications for the Lowell High School boys' gymnasium have been completed, according to City Architect Charles H. Sawyer.

The structure will cost approximately \$147,000 and will measure 72 by 93 feet in size. The gymnasium will be designed for the use of boys only and will contain shower and locker rooms as well as athletic floors. When funds are available a girls' gymnasium will be erected adjacent to the boys' gym to form a boys' and girls' gymnasium in one building, Mr. Sawyer said.

### Concrete Walls

The structure will be a regulation gymnasium, according to Mr. Sawyer. Walls will be of reinforced concrete. The composition covered roof will be supported on steel, and roof trusses will be of steel. The building will be finished in brick and terra cotta.

All plans and specifications were prepared in the office of the city architect.

## Banks to Represent Interior Department On Advisory Board

Secretary of the Interior Harold L. Ickes yesterday announced the appointment of Frank A. Banks, Construction Engineer of the Bureau of Reclamation in charge of the Grand Coulee Dam Project on the Columbia River, as the representative of the Department of the Interior on the Advisory Board of the administration of the Bonneville project.

Secretary Ickes on October 11 announced the appointment of James Delinage Roos an Administrator of the Bonneville Project.

The Act establishing the Bonneville Dam administration provided for an Advisory Board to consult with the administrator and to be composed of a representative designated by the Secretary of War, a representative designated by the Secretary of the Interior, a representative designated by the Federal Power Commission and a representative designated by the Secretary of Agriculture.

### Bureau Veteran

Mr. Banks has been in charge of Grand Coulee Dam since it was commenced in 1934. He was born in Saco, Maine, in 1883; graduated from the University of Maine, with a degree of Bachelor of Science in Civil Engineering, in 1906, and has been employed continuously by the Bureau of Reclamation, Department of Interior, since that year.

Mr. Banks is thoroughly familiar with conditions in the Pacific Northwest, since he has been employed there for many years.

He was Construction Engineer in charge of the American Falls Dam in Idaho from 1920 to 1927, and Construction Engineer of the Owyhee Dam in Oregon from 1927 until work was begun on the Grand Coulee Dam.

## WALL BOARD MATERIAL LISTED BY CELOTEX

The Celotex Corporation announces that it is now manufacturing Cemesto, a new product composed of an insulating core of celotex, surfaced on one or both sides with fire-resistant asbestos-cement.

The Celotex Corporation recommends Cemesto for interior and exterior wall construction for factories, homes, garages, filling stations, cabins, vent ducts, spandrels, and for industrial drying and conditioning rooms. It may be used also as a flat roof surface for industrial buildings, the company announces.

Cemesto is manufactured in panels four feet wide and from six to twelve feet long. It comes in four thicknesses of Celotex, from one-half to two inches, surfaced on one or both sides with one-eighth-inch layers of asbestos-cement.

## BIDS NOV. 18 ON WASHINGTON JETTY PROJECT

**U. S. Engineer Office \$1,500,000 Job at Columbia River Entrance**

Captain S. L. Damon, District Engineer of the U. S. Engineer Office, Portland, yesterday issued a call for bids, to be opened November 18, for construction of a \$1,500,000 jetty improvement project at the north side of the entrance to Columbia River, Pacific County, Washington.

The sum of \$460,000 has been allotted for the start of the project, and it is expected that the balance will be appropriated by Congress by June 30, 1938. The initial allotment will finance construction until that date, it is believed.

The work is located on the north side of the entrance to Columbia River. The nearest community to the site is Ilwaco, Washington.

### Repairing Jetty

Roughly, the work involves repairing the north jetty and constructing a spur jetty, tramways and land trackage, and furnishing and placing about 470,000 tons of jetty stone, and 1700 cubic yards of cement concrete.

A single track standard gauge wharf approach tramway approximately 1504 feet in length will be constructed from the backwall toward the contractor's unloading plant. Nine thousand two hundred feet of standard gauge land trackage and sidings are to be constructed. Next, 15,500 feet of standard gauge jetty approach and end-rocketment tramways are to be built.

In addition, the contractor will furnish materials and construct a suitable foundation and pit, and install a 100-ton standard track scales to be furnished by the United States. Cement concrete blocks will be constructed at the outer end of the repaired north jetty.

### Principal Items

Principal items include: 35,000 cubic yards embankment; 20,000 cubic yards excavation; 82,000 lineal feet Douglas fir piling; 52,000 pounds railroad spikes; 700 tons of steel rails; 43,000 lineal feet wire cable; 20,000 pounds tie plates; 470,000 tons of stone; and 12,000 pounds of concrete anchor chains.

Prices are to be submitted on 24 units, according to Captain S. L. Damon.

The terminal will consist of a 1700-ton block, 46 feet long by 130 feet wide by 16 feet high. It will be surrounded by ten smaller blocks, each weighing 170 tons, anchored by heavy chains to the large blocks.

A secondary jetty about one mile long will be constructed southeast of Cape Disappointment to help stabilize the entrance channel, according to the U. S. Engineer Office.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Am't.
30	Botts	Sartorio	2500
31	Diamond	Owner	2500
32	Goldberg	Aetna	15000
33	Kuch	Malloch	6000
34	Myers	Liebman	2000
35	Reed	Coburn	6000
36	Stoneson	Owner	5500
37	Baker	Owner	2000
38	Eckman	Jensen	4000
39	Jones	Coburn	1000
40	Priola	Owner	4000
41	Rousseau	Owner	4000
42	Thrall	Owner	2500
43	Wong	Sartorio	1500
44	Griffin	Delucchi	8000
45	Stahl	Owner	1000
46	Curley	Owner	4800
47	Gomersal	Chase	1000
48	Johnson	Owner	8000
49	New Century	Owner	1200
50	Peenstra	Owner	3500
51	Perkins	Owner	3600
52	Perkins	Owner	3900
53	Powers	Aetna	1000
54	Rousseau	Owner	7000
55	Ruegg	Owner	5250
56	Whitcomb	Petersen	2785
57	Winterberg	Martin	4000
58	Johnson	Owner	1500
59	Mendo	Janssen	4000
60	Quinn	Villa-Moret	1900
61	Sandison	Ratto	1800
62	West	Thulln	1000
63	Doelger	Owner	3500
64-5	Doelger	Owner	4500
66	Donnelly	Petersen	2000
67	Ferrea	Furness	1890
68	Jessen	Van Alst	1500
69	Mendo	Janssen	3500
70	Mendo	Janssen	4000
71	Pines	Rledon	10000
72-3	Rousseau	Owner	6000
74	Safeway	Malloch	1000
75	Schrader	Owner	8000
76	Stelmke	Owner	2000

### ALTERATIONS

(30) 866 FOLSOM ST. Alter shop. Owner—Botts Spring Camp, Prem. Contractor—Peter Sartorio, 369 Pine St. Engineer—Norman B. Green, 55 New Montgomery. Architect—Not Given. \$2500

### DWELLING

(31) E. CHESTER, 50 S PAYSON. One-story and basement frame dwelling. Owner—Diamond & Saunter, 207 Chester St. Architect—Not Given. \$3500

### DWELLING

(32) N. EL CAMINO DEL MAR, 763 SW SEA CLIFF EXTENSION. Two-story and basement frame dwelling. Owner—R. Goldberg, c/o Architect. Contractor—Aetna Constr. Co., 1724 34th Ave. Architect—F. Frederic Amandea, 414 Dewey Blvd. \$15,000

### MARKET

(33) NE 22ND AND GUERRERO STS. One-story market (frame). Owner—Mrs. Kuch, c/o Contractor. Contractor—J. S. Malloch, 666 Mission St. Architect—W. H. Ellison, Pacific Building. \$6000

### ALTERATIONS

(34) 1531-33 BEACH ST. Alter flats. Owner—Mrs. Myers, Prem. Contractor—B. Liebman, 3319 Fillmore St.

Architect—Irvin Goldstein, 1200 Oak St. \$2000

### ALTERATIONS

(35) 558 GOUGH ST. Alter tire works. Owner—Reed Tire Co., Prem. Contractor—Ira W. Coburn, 2048 Market St. Architect—Not Given. \$6000

### DWELLING

(36) W. BEACMONTE DR., 99 S SLOAT BLVD. Two-story and basement frame dwelling. Owner—Stoneson Bros., 1 Sloat Blvd. Architect—Harold G. Stoner, 35 Vicente St. \$5500

### ALTERATIONS

(37) 2215-17 SCOTT ST. Alter flats. Owner—Paul J. Baker, 2845 Washington St. Architect—Not Given. \$2000

### DWELLING

(38) E. VIENNA, 100 S AVALON. One-story and basement frame dwelling. Owner—Carl Eckman, 215 Vienna St. Contractor—Graham & Jensen, 728 35th Ave. Architect—Not Given. \$4000

### ALTERATIONS

(39) 620 JONES ST. Alter baggage room. Owner—620 Jones Corp., Prem. Contractor—Ira W. Coburn, 2048 Market St. Architect—T. S. Boehm, 2048 Market St. \$1000

### DWELLING

(40) S. WILDER, 261 E DIAMOND. One-story and basement frame dwelling. Owner—Paul Priola, 42 Wilder St. Architect—Not Given. \$4000

### DWELLING

(41) W. CHABOT TERR., 80 N OF GOLDEN GATE AVE. One-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$4000

### DWELLING

(42) W. CARL ST., 275 S PAUL. One-story frame dwelling. Owner—H. A. Thrall, 1578 Hayes St. Architect—Not Given. \$2500

### ALTERATIONS

(43) 717 SACRAMENTO. Alter office. Owner—Mr. Wong, Prem. Contractor—Peter Sartorio, 369 Pine St. \$1500

### DWELLING

(44) N. LIBERTY, 155 W DOLORES. Two-story and basement frame dwelling. Owner—J. J. Griffin, 441 Oak St. Contractor—Richard Delucchi & Co., 3275 San Bruno Ave. Architect—W. E. Huson, 475 24th Ave. \$8,000

### DWELLING

(45) N. INNES, 200 S DONAHUE. One-story frame dwelling. Owner—Leonard Stahl, 2139 24th St. Architect—Not Given. \$1000

### ALTERATIONS

(46) SE HAYES AND OCTAVIA. Alter banking room. Owner—Mary I. Curley, 155 Oak St. Architect—S. J. Hendry, 625 Market St. \$4800

### ALTERATIONS

(47) 1421 CLAYTON ST. Alter dwelling. Owner—F. Gomersal, Prem. Contractor—S. A. Chase, 80 Douglas St. Architect—Not Given. \$1000

### DWELLING

(48) N. FULTON, 83 W. 30TH AVE. Two-story and basement frame dwelling. Owner—Gustaf R. Johnson, 780 32nd Ave. Architect—Not Given. \$8000

### WAREHOUSE

(49) W. CORNELIA, 170 N PACIFIC. One-story frame warehouse. Owner—New Century Beverage Co., Pacific and Stockton. Architect—Not Given. \$1200

### DWELLING

(50) W. GRAND VIEW, 140 N MORGAN. One-story and basement frame dwelling. Owner—Wm. Peenstra, 3870 24th St. Architect—Not Given. \$3500

### DWELLING

(51) W. 29TH AVE., 125 S. LAWTON ST. One-story and basement frame dwelling. Owner—E. W. Perkins, 3500 Fulton St. Architect—C. O. Clausen, 746 46th Ave. \$5500

### DWELLING

(52) W. 29TH AVE., 150 S LAWTON ST. One-story and basement frame dwelling. Owner—E. W. Perkins, 3500 Fulton St. Architect—C. O. Clausen, 746 46th Ave. \$5900

### ALTERATIONS

(53) 2 HALE ST. Alter dwelling. Owner—E. Powers, c/o Contractor. Contractor—Aetna Constr. Co., 1720 24th Ave. Architect—Not Given. \$1000

### DWELLING

(54) NW GOLDEN GATE AND CHABOT TERR. Two-story & basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$7000

### DWELLING

(55) E. DESMOND, 191 N SUNNYDALE AVE. One-story and basement frame dwelling. Owner—The Ruegg Co., 369 Pine St. Architect—Albert Larsen, 333 Kearny St. \$5250

### ALTERATIONS

(56) 1203 MARKET ST. Alter store. Owner—Hotel Whitcomb, Inc., Prem. Contractor—Carl H. Petersen, 60 21st Ave. Architect—Not Given. \$2785

### ALTERATIONS

(57) 2203 SCOTT ST. Alter dwelling. Owner—Walter Winterberg, c/o Contractor. Contractor—William Martin, 666 Mission St. Architect—Not Given. \$4000

### ALTERATIONS

(58) 1456 YUKON ST. Alter garage. Owner—N. B. Johnson, 160 Yukon St. Architect—Not Given. \$1500

**DWELLING**  
 (59) N. OCEAN AVE., 120 E WEST-GATE. One-story and basement frame dwelling.  
 Owner—Mendo Corp., 1136 Clement St.  
 Contractor—E. A. Janssen, 1136 Clement St.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (60) 247 FRANCISCO ST. Alter dwelling.  
 Owner—Dr. F. B. Quinn, Prem.  
 Contractor—Villa-Moret, Inc., 703 Market St.  
 Architect—Not Given. \$1900

**ALTERATIONS**  
 (61) 1736-38 LARKIN ST. Alter flats.  
 Owner—Ethel Sandison, 6732 Geary Blvd.  
 Contractor—Victor E. Ratto, 4594 19th St.  
 Architect—Not Given. \$1800

**ALTERATIONS**  
 (62) 510 SEVENTH ST. Alter warehouse.  
 Owner—West Disinfecting Co., c/o Contractor.  
 Contractor—A. L. Thulin, 63 Brady St.

**DWELLING**  
 (63) E. 16TH AVE., 325 S QUIN-TARA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (64) E. 16TH AVE., 317 S ORTEGA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4500

**DWELLING**  
 (65) E. 16TH AVE., 332 S ORTEGA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4500

**ALTERATIONS**  
 (66) 471 CASTRO ST. Alter market.  
 Owner—Jas. Donnelly, 425 Castro St.  
 Contractor—Anton Petersen & Sons, 2755 San Bruno Ave.  
 Architect—Not Given. \$2000

**ALTERATIONS**  
 (67) 693 23RD AVE. Alter dwelling.  
 Owner—Mrs. Ferrea, 696 23rd Ave.  
 Contractor—John J. Furness, 854 47th Ave.  
 Architect—Not Given. \$1690

**ALTERATIONS**  
 (68) 1022-24 CLAYTON ST. Alter flats.  
 Owner L. N. Jesson, 1067 Ashbury.  
 Contractor B. Geo. Van Aalst, 401 West Portal Ave.  
 Architect—Not Given. \$1500

**DWELLING**  
 (69) E. 15TH AVE., 225 N FULTON STREET. One-story and basement frame dwelling.  
 Owner—Mendo Corp., 1136 Clement Street.  
 Contractor—E. A. Janssen, 1136 Clement St.  
 Architect—Not Given. \$3500

**DWELLING**  
 (70) N. OCEAN AVE. 30 E WEST-GATE. One-story and basement frame dwelling.  
 Owner—Mendo Corp., 1136 Clement St.

Contractor—E. A. Janssen, 1136 Clement St.  
 Architect—Not Given. \$4000

**FLATS**  
 (71) E. WEBSTER, 125 S NORTH POINT. Three-story and basement frame flats.  
 Owner—L. V. Pines, 3130 Gough St.  
 Contractor—Risdon Bros., 1324 Portola Drive.  
 Architect—Not Given. \$10,000

**DWELLING**  
 (72) N. BEACH, 195 W DIVISADERO. Two-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, 321 Kearny St.  
 Architect—Not Given. \$6000

**DWELLING**  
 (73) N. BEACH, 169 W DIVISADERO ST. Two-story and basement frame dwelling.  
 Owner—Oliver M. Rousseau, 321 Kearny St.  
 Architect—Not Given. \$6000

**ALTERATIONS**  
 (74) SE 22ND AVE AND IRVING ST. Alter stores.  
 Owner—Safeway Stores, Inc., 1000 Brannan.  
 Contractor—J. S. Malloch, 666 Mission St.  
 Architect—Not Given. \$1000

**DRAYAGE HOUSE**  
 (75) NE 7TH ST., 75 SE BRANNAN. One-story steel and concrete drayage house.  
 Owner—O. R. and F. W. Schrader, 1274 Harrison St.  
 Engineer—John Cole, 250 13th St.  
 \$8000

**ALTERATIONS**  
 (76) 4798-B MISSION ST. Alter Apartments.  
 Owner—John Steimke, 340 Hayes St.  
 Architect—Not Given. \$2000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
883	Russell	Sinfoot	1800
884	Shelton	Weston	4000
885	Battery	Leiter	6300
886	Dowling	Owner	3500
887	Dowling	Owner	4000
888	Dudley	Schneck	1400
889	Honeychurch	Kruse	2800
890	Lapham	Lapham	9000
891	Nelson	Owner	5000
892	Scanlon	Flagg	3500
893	Taft	Mueller	6000
894	Vanier	Ehrman	3900
895	Haskell	Same	15500
896	Brown	Rose	1000
897	Harding	Whallin	5000
898	Matheny	Owner	4800
899	Reeves	Caskey	3000
900	Huenergardt		
901	Frost	Huenergardt	5000
902	Whitworth	Hardwood	7000
903	Doyle	Henrietta	2000
904	Hill	Robinson	1000
905	Bank Amer.	Owner	4400
906	Gerard	Phoenix	2000
907	Gerard	Brennan	4000
908	Hill	Salamid	4600
909	Ditty	Altermatt	4000
910	Mellow	Teigland	9500
911	Braussaco	Tollefsen	5800
912	Healy	Nelson	3500
913	Heltman	Heltman	2650
914	Palletti	Van Bokkelen	1000
915	Edwards	Bethel	4900
916	Salem	Persson	52758
917	Shepherd	Owner	2000

**ADDITIONS**  
 (N3) 119 ALVARADO, BERKELEY. Additions.  
 Owner—F. M. Russell, Prem.  
 Contractor—W. H. Linfoot, 5224 Grove St., Oakland.  
 Architect—Not Given. \$1800

**DWELLING**  
 (884) 1133 MILLER, BERKELEY. One-story 5-room frame dwelling and garage.  
 Owner—W. F. Shelton, Shafter Ave., Oakland.  
 Contractor—J. O. Weston, 1729 Grove St.  
 Architect—Not Given. \$4000

**FACTORY**  
 (885) 9748 SUNNYSIDE STREET, OAKLAND. One-story steel factory.  
 Owner—U. S. L. Battery Co., Prem.  
 Contractor—E. T. Leifer Sons, 811 37th St.  
 Architect—Not Given. \$6300

**DWELLING**  
 (886) 4446 DAVENPORT AVENUE, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—S. J. Dowling, 2800 Clay St., Alameda.  
 Architect—Not Given. \$3500

**DWELLING**  
 (887) 4677 FAIR AVE., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—S. J. Dowling, 2800 Clay St., Alameda.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (888) 439 30TH ST., OAKLAND. Alterations.  
 Owner—Hilda A. Duryle, St. Helena.  
 Contractor—A. W. Schneck, 3127 Herriate St.  
 Architect—Not Given. \$1400

**ALTERATIONS**  
 (889) 57 SANTA CLARA AVENUE, OAKLAND. Alterations to apts.  
 Owner—Mrs. S. H. Honeychurch, 57 Santa Clara Ave.  
 Contractor—Harry H. Kruse, 462 105th Ave.  
 Architect—Irwin M. Johnson, 2219 7th Ave. \$2500

**DWELLING**  
 (890) 808 PARAMOUNT ROAD, OAKLAND. Two-story 7-room dwelling.  
 Owner—A. E. Lapham, 904 Trestle Glen Road.  
 Contractor—Theo. H. Lapham, 546 Kenmore Ave.  
 Architect—I. M. Johnson, 2215 7th Ave. \$9000

**DWELLING**  
 (891) 3300 SUTER ST., OAKLAND. One-story 6-room dwelling.  
 Owner & Builder—Martin A. Nelson, 3897 Rhoda Ave.  
 Architect—Not Given. \$5000

**DWELLING**  
 (892) 2674 63RD AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—Thos. E. Scanlon, Prem.  
 Contractor—A. J. Flagg, 3743 Loma Vista Ave.  
 Architect—Not Given. \$3500

**DWELLING**  
 (893) 5950 HARBOR DR., OAKLAND. One-story 5-room dwelling.  
 Owner—Henry Taft, 521 Prince St.  
 Contractor—T. R. Mueller, 698 Creation Rd., Berkeley.  
 Architect—Not Given. \$6000

**DWELLING**  
 (894) 2933 107TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—M. J. Vanier, 10901 Foothill Blvd.  
 Contractor—Ehrman & Major, 3307 Champion St.  
 One-story garage, \$250.  
 Architect—Not Given. \$3900

**RESIDENCE**  
 (895) 139 SOMERSET AVENUE, PIEDMONT. One-family resi-



dence and garage.  
 Owner—Albert A. Haskell, 255 Ridgeway Ave., Piedmont.  
 Contractor—Albert A. Haskell, Prem.  
 Architect—Miller & Warnecke, 14th and Franklin, Oakland. \$15,500

**REPAIRS**  
 (898) 885 34TH ST., OAKLAND.  
 Fire repairs.  
 Owner—O. E. Brown, Prem.  
 Contractor—W. A. Rose, 478 25th St  
 Architect—Not Given. \$1000

**DWELLING**  
 (897) 6043 COLTON BLVD. One-story 5-room dwelling.  
 Owner—R. C. Harding, 3746 Park Blvd.  
 Contractor—Whalin Bros., 2942 23rd Ave.  
 Architect—Not Given. \$5000

**DWELLING**  
 (898) 2548 HIGH ST., OAKLAND.  
 One-story 5-room dwelling.  
 Owner & Builder—Roy Matheny, 4200 E. 14th St.  
 Architect—Not Given. \$4800

**DWELLINGS**  
 (899) 2755-2761 25TH AVE., OAKLAND. One-story 4-room dwellings (2).  
 Owner—W. A. Reeves, 1465 Fruitvale Ave.  
 Contractor—H. T. Caskey, 4215 Carson St.  
 Architect—F. H. Slocombe, 4127 Piedmont Ave. \$3000 each

**BUILDING**  
 (900) 2900 TELEGRAPH, BERKELEY. One-story 4-room office building.  
 Owner—Dr. H. A. Huenergardt, 1226 Stewart St.  
 Contractor—D. G. Huenergardt, 2179 31st Ave., San Francisco.  
 Architect—Williams & Wastell, 374 17th St., Oakland. \$5,000

**DWELLING**  
 (901) 5117 PROCTOR AVE. OAKLAND. Two-story 6-room dwelling.  
 Owner—Mrs. E. N. Frost, Prem.  
 Contractor—W. P. Harwood, 3514 Lyon Ave.  
 Architect—Not Given. \$7000

**SERVICE STATION**  
 (902) 1999 CURTIS, BERKELEY. One-story 4-room service station.  
 Owner—Whitworth Estate.  
 Contractor—V. N. Henrietta, 2929 21st Ave., San Francisco.  
 Architect—Shell Oil Co. \$2000

**ADDITION**  
 (903) 3290 LYNDE ST., OAKLAND. Addition.  
 Owner—Mrs. Doyle, Prem.  
 Contractor—Robinson & Sons, 1241 53rd Ave.  
 Architect—Not Given. \$1000

**DWELLING**  
 (904) 4206 DUNSMUIR ST., OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.  
 Also 1-story frame garage, \$400.  
 Architect—Not Given. \$4400

**ALTERATIONS**  
 (905) 1200 BROADWAY, OAKLAND. Sidewalk alterations.  
 Owner—Bank of America, 1106 Bdwy.  
 Contractor—Phoenix-Slimpton Co., 520 6th St., San Francisco.  
 Architect—Not Given. \$2000

**DWELLING**  
 (906) 6900 SUNKIST DR., OAKLAND. One-story 6-room dwelling.

Owner—A. J. Gerard, Prem.  
 Contractor—J. P. Brennan, 376 17th St.  
 Also 1-story garage, \$200.  
 Architect—Not Given. \$4000

**DWELLING**  
 (907) 6201 SWAINLAND ROAD, OAKLAND. One-story 6-room dwelling.  
 Owner—Quin Hill and Frank Salamid, 5359 College Ave.  
 Contractor—Frank Salamid, 5350 Manilla Ave.  
 Architect—Not Given. \$4600

**DWELLING**  
 (908) 91 CORDONICES, BERKELEY. Two-story 4-room frame dwelling and garage.  
 Owner—C. A. Ditty, 1802 Le Roy.  
 Contractor—J. F. Altermatt, 239 Taurus.  
 Architect—Not Given. \$4000

**DWELLING**  
 (909) 95 NORTHGATE, BERKELEY. Two-story 7-room frame dwelling and garage.  
 Owner—Dr. and Mrs. B. F. Mellow, 2476 Hilgard.  
 Contractor—C. M. Teigland, 525 49th St., Oakland.  
 Architect—Not Given. \$9500

**DWELLING**  
 (910) 118 SONIA ST., OAKLAND. One-story 6-room dwelling.  
 Owner—John Bransasco, Prem.  
 Contractor—C. Tollefsen, 1755 High St.  
 Architect—Not Given. \$5800

**DWELLING**  
 (911) 4031 HARDING WAY, OAKLAND. One-story 5-room dwelling.  
 Owner—I. Healy, Prem.  
 Contractor—H. Nelson, 1039 Cherry Way, Hayward.  
 Architect—Not Given. \$3500

**DWELLING**  
 (912) 2132 69TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—W. W. Heltman, 1741 68th Ave.  
 Contractor—L. E. Heltman, 13070 Broadway Terrace.  
 One-story garage, \$65.  
 Architect—Not Given. \$2650

**BUILDING CONTRACTS  
 SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Amt.
198	Ins Co N Am	Mohr	3291
199	Quinn	Villa Moret	2400
200	Lyon	Dinwiddie	9591
201	So. Pac. Co	Ottis	4829

**PAINTING, ETC'**  
 (198) F. SANSOME ST., 90 N OF PINE. Painting and finishing four-story class A building.  
 Owner Ins Co of North America  
 Architect Harry A. Thomsen, Jr  
 Contractor—J. H. Mohr, Inc., 960 7th St.  
 Filed Oct 21 '37. Dated May 12, '37  
 75% month.  
 25% 36 days after  
 TOTAL COST, \$3,291.61  
 Bond, \$3,291.61. Surety, New Amsterdam Casualty Co.

**ADDITION**  
 (199) 2117 FRANCISCO STREET. Dwelling addition.  
 Owner Dr. F. B. Quinn.  
 Contractor Villa-Moret, Inc., 703 Market St.  
 Filed Oct 26 '37. Dated Oct. 25, '37  
 Roof on \$600

Wallboard on ..... 600  
 Completion ..... 600  
 Usual 35 days ..... 600  
 TOTAL COST, \$2,400  
 Bond, \$2,500. Surety, Amer. Surety Co. of N. Y. Limit, 40 days. Plans and specifications filed.

**ALTER WAREHOUSE**  
 (200) 1520 STOCKTON ST. Alter warehouse.  
 Owner—Van & Storage Co.  
 Architect—Albert F. Roller.  
 Contractor—Dinwiddie Constr. Co.  
 Filed Oct. 27, '37. Dated Oct. 27, '37  
 85% each month.  
 15% usual 35 days.  
 TOTAL COST, \$9,591  
 Bond, \$9,600. Surety, Central Surety and Ins. Corp. Plans and specifications filed.

**INSTALL ELEVATORS**  
 (201) FELL AND BAKER STS. Install two hydro-electric elevators in General Hospital.  
 Owner—Southern Pacific Co.  
 Contractor—Otis Elevator Co.  
 Filed Oct. 27, '37. Dated Oct. 14, '37  
 75% each month.  
 25% usual 35 days.  
 TOTAL COST, \$4,829.67  
 Bond, \$4,829.67. Surety—U. S. Guarante Co. Limit, 45 days. Plans & specifications filed.

**BUILDING CONTRACTS  
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
130	Salem	Person	52728
131	Farquhar	Livingston	5250
132	Skaggs	Murty	2508

**ADDITIONS**  
 (130) 2381 E. 29TH ST., OAKLAND. Additions to home.  
 Owner—Salem Lutheran Home Assn. of Bay Cities, Inc., 2361 E. 29th St., Oakland.  
 Architect—Henry H. Gutterson, San Francisco.  
 Contractor—Emil Person.  
 Filed Oct. 23, '37. Dated Oct. 19, '37  
 Foundations poured—10%.  
 Roof rafters in place—15%.  
 Brown plastered—25%.  
 Completion—25%.  
 Usual 35 days—25%.  
 TOTAL COST, \$52,728.00  
 Bond, \$52,728. Surety, Maryland Casualty Co. Limit, 120 days. Plans & specifications filed.

**ALTERATIONS**  
 (131) 2900 GARBER ST., BERKELEY.  
 Owner—Mr and Mrs F. P. Farquhar, 2900 Garber St., Berkeley.  
 Architect—E. T. Spencer, 369 Pine St., San Francisco.  
 Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley.  
 Filed Oct. 29, '37. Dated: Aug. 31, '37  
 Half work complete ..... 35%  
 Completion ..... 35%  
 Usual 35 days ..... 30%  
 Limit, November 1, 1937. Plans and specifications filed.  
 Total Cost \$5250

**CHIMNEYS & FIREPLACES**  
 (132) 241-287 WAYNE AVE., OAKLAND.  
 Brick chimneys and fireplaces for apartment house.  
 Owner—M. B. Skaggs.  
 Architect—F. Soderberg 341 17th St., Oakland.  
 Contractor—A. B. McMurtry.  
 Filed: Oct. 28, '37. Dated: Oct. 5, '37  
 Rough chimneys built ..... \$1200  
 Completion ..... 681  
 Usual 35 days ..... 621  
 Bond, \$2,508.  
 Surety, Fidelity & Casualty Co.  
 Plans and specifications filed.  
 Total Cost \$2508

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | Offices                         |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants |
| 3.—Churches                     | 12.—Power Plants                |
| 4.—Factories and Warehouses     | 13.—Public Buildings            |
| 5.—Flats                        | 14.—Fire Houses and Jails       |
| 6.—Garages and Service Stations | 14.—Residences                  |
| 7.—Federal Buildings            | 15.—Schools                     |
| 8.—Club Buildings               | 16.—Danks, Stores and           |
| 9.—Hospitals                    | 17.—Theatres                    |
| 10.—Hotels                      | 18.—Wharves & Docks             |
|                                 | 19.—Misc. Const.                |
|                                 | 20.—Misc. Supplies &            |

### 1—APARTMENTS

#### PLANS BEING FIGURED

LOS ANGELES, Cal.—Until November 3, Architect W. L. Schmolle, 2030 Wilshire Blvd., is taking bids from selected list of contractors for a two-story, 24-unit frame and stucco apartment building to be built at 3762-68 S. Flower Street for the Zoblen Co.

To Be Done By Day's Work  
APARTMENTS Cost, \$22,400  
SACRAMENTO, Calif. 3300 J St. Two-story frame apartment bldg. Owner & Builder—W. R. Saunders, 2614 I St. Architect—Not Given.

### 4—FACTORIES & WAREHOUSES

Contract Awarded  
ALTERATIONS Contr. Pr. \$9591  
SAN FRANCISCO, Calif., 1520 Stockton Street.

Alter building into new storage warehouse.

Owner—Lyon Van & Storage Co.  
Architect—Albert F. Roller, Crocker First Natl. Bank Bldg.  
Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg.

Contract Awarded  
FACTORY Cost, \$6,500  
OAKLAND, Alameda Co., Calif., 9748 Sunnyside

One-story steel factory building.  
Owner—U. S. L. Battery Co., prem.  
Architect—Not given.  
Contractor—E. T. Leiter Sons, 811 37th Street.

Sub Contract Awarded  
MPG. PLANT Cost, \$.....  
SAN JOAQUIN CO., East of Stockton. El Ricardo Section.

Fireproof manufacturing plant and warehouse of mill construction; railroad sidings and coverings.

Owner—Continental Can Co., Inc. (M. C. Huffman, Pacific Coast manager), 155 Montgomery St., San Francisco.

Plans by Construction Department of Owner.  
Contractor—The Austin Co., 516 18th St., Oakland.

Roofing—Gill Roofing Co., 727 No. Monroe St., Stockton.

Plumbing and Heating—The Scott Co., 113 10th St., Oakland.

Electric Wiring—Pacific Electric Motor Co., 19th and Oak Sts., Oakland.

Brick, Stone and Hollow Tile—Ynland Ice & Fuel Co., 248 E. Miner St., Stockton.

Grading—George French, Cherokee

Lane, Stockton.  
Lumber—Stockton Lumber Co., El Dorado and Jackson Sts., Stockton.  
Hardware—Turner Hardware Co., 24 N. American St., Stockton.  
Concrete—Stockton Ice & Fuel Co., 33 S. El Dorado, Stockton.

Sub Contracts Awarded  
IMPLEMENT BUILDING  
Cont. Pr., \$21,835  
RIO VISTA, Solano Co., Calif.

One-story frame and stucco implement building.

Owner—Gordon Hansen Co., Ltd., Rio Vista.

Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Contractor—V. A. Kaufenberg, Box 12, Rio Vista, Cal.

Roofing—A. W. Showers, Walnut Grove.

Plumbing and Sheet Metal—A. W. Hansen, Rio Vista.

Electric Wiring—Relbale Elevator Works, 619 California St., Sacramento  
Tile Work—Rigney Tile Co., 3012 Harris St., Oakland.

Foundations and Concrete—Nat Lena, 1174 19th St., Oakland.

Lumber—Noah Adams Lumber Co., Walnut Grove.

Mill Work—Oakland Planing Mill, 105 Washington St., Oakland.

Hardware—Gordon Hansen Co., Rio Vista.

Painting—J. F. Ecker, 17 West Poplar St., Stockton.

Lathing & Plastering—Don Smith, 25 East Fifth St., Pittsburg.

Additional Sub Contracts Awarded  
FACTORY Est. Cost, \$125,000  
SAN FRANCISCO. SE Fifth and

Tehama Sts.  
Two-story and part mezzanine Class B factory building (80 x 275 ft.), reinforced concrete construction, composition roof, steel sash, one freight elevator.

Owner—Fleld Ernst Envelope Co., 45 Fremont St.

Architect—Day & Michelson, 405 Montgomery St.

Contractor—Cahill Brothers, Inc., 206 Sansome St.

Mill Work—Brannan St. Planing Mill, 560 Brannan St., San Francisco.

Dust Proofing Floors—Horn Products Co., 354 Hobart St., Oakland.

Finish Hardware—Palace Hardware Co., 581 Market St., San Francisco.

Other awards reported Aug. 3rd and Sept. 14, 1937.

Sub Contracts Awarded  
FACTORY Cost, \$15,000  
SAN FRANCISCO. NE Bayshore Blvd. and Sunnyside.

One-story Class C Factory.

Owner—W. W. Norton, 206 Sansome Street.

Engineer—W. Adrian, 417 Market St.

Contractor—Cahill Bros., 206 Sansome St.

Reinforcing Steel—Truscon Steel Co., 604 Mission St.

Concrete—Golden Gate Atlas Materials Co., 16th and Harrison Sts.

Mill Work—Brannan Street Planing Mill, 560 Brannan St.

Roof Trusses—Summerbell Truss Co., 354 Hobart St., Oakland.

Roofing—Alta Roofing Co., 978 Indiana St.

Shed, Metal—Morrison & Co., 74-76 Duboce St.

Plumbing—Skelly & Kohler, 1342 9th Ave.

Class—Habenicht & Howlett, 592 Clay St.

All of San Francisco, unless otherwise noted.

### PLANS BEING FIGURED

RIVERSIDE, Cal.—Architect Clinton Nourse, 1406 Bond St., Los Angeles, is taking bids until about November 1 from a selected list of contractors for a food factory at La Sierra, Riverside County, for Southern California Conference of Seventh Day Adventists. It will be a two-story and part four-story, Class A structure, approx. 150 x 80 ft. in area, with 1 elevator.

Following will submit bids:  
Mark Nicholson, 410 Woodbury Rd., Glendale.

H. V. Havstad, 11533 Dilling St., North Hollywood.

E. J. Kjosø & Son, care Union Pacific College, Arlington.

### 5—FLATS

Contract Awarded.  
ALTERATIONS Cost, \$2,500  
OAKLAND, Alameda Co., Calif. Santa Clara Ave. and Fairmount.

Alterations to residences for flats (new plumbing, wiring, etc.).

Owner—Mrs. Honeychurch, c/o Architect.

Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Contractor—E. H. Kruse, 462 105th Avenue, Oakland.

### 6—GARAGES & SERVICE STATIONS

Contract Awarded  
ALTERATIONS Cost, \$6,500  
SAN FRANCISCO. 558 Gough St.

Alter tire shop.

Owner—Reed Tire Co., Prem.

Architect—Not Given.

Contractor—Ira W. Coburn, 2048 Market St.

### 7—FEDERAL BUILDINGS

BIDS WANTED  
VACAVILLE, Solano Co., Calif.—

Until Nov. 10, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster models at the U. S. Post Office in Vacaville.

BIDS WANTED  
PORT ANGELES, Wash.—

Until Nov. 19, 1 p.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for furnishing all labor and materials for parachute packing loft in the Seaplane Hangar at the U. S. Coast Guard Air Station at Port Angeles, Wash.

Drawings and specifications obtainable from the above office and from the Custodian of the Building at Port Angeles.

CONTRACT AWARDED  
EVERETT, Wn.—Foldlach Bros.,

2312 Buckler St., Everett, at \$1,975, awarded contract by the Procurement Division, Washington, D. C., for painting plaster and remodeling light standards at the U. S. Post Office at Everett.

Sub Contracts Awarded  
DORMITORIES, ETC

Contract Pr., \$128,800  
KENNETT DAM, Calif. 9 miles N. of Redding, Shasta Co., Government camp, Kennett Dam, Cen-

## tral Valley Project.

Two two-story dormitories (44x90 ft. each), three six-room residences, two 5-room residences, fifteen 4-room residences, fourteen 3-room residences, and twelve two-room residences; all buildings will have wood siding over sheathing, composition shingle roofing and wallboard interior. Spec. No. 742.

Owner—U. S. Govt., Bureau of Reclamation, 206 Old Post Office Bldg., 7th and K Streets, Sacramento.

Contractor—N. A. Anderson, 111 West 7th St., Los Angeles.

Roofing—L. E. Setzer, 1128 Walnut St., Redding.

Plumbing—Scott Co., 243 Minna St., San Francisco.

Electric Wiring—American Electric Construction Co., 462 Bryant St., San Francisco.

Sheet Metal—Acme Sheet Metal Works, 1746 California St., Redding.

Grading—Hugh Williamson & K. S. Wilson, Redding.

Lumber—Sterling Lumber Co., 1607 32nd St., Oakland.

Hardware—P. & F. Corbin, Room 832, Monadnock Bldg., San Francisco.

Painting—H. L. Barnes, Redding.

#### Bids Wanted—To Close December 1 OFFICERS & N. C. QUARTERS

Est. Cost, \$1,000,000  
HICKAM FIELD, T. H.  
Construct and complete 42 sets of N. C. O. Quarters (47 bldgs.), 39 sets of Field and Company Officers' Quarters (39 bldgs.) together with all utilities thereto.  
Owner—U. S. Government (Captain H. B. Nurae, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C.

Bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, until 1:30 p.m., P. S. T., December 1, or by the Purchasing and Contracting Officer, Hickham Field, T. H., until 11:00 a.m., H. S. T., December 1.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Fort Mason, San Francisco, upon deposit of a certified check for \$10 payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickham Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H. Limitation of cost of officers quarters is fixed at \$12,500 each; limitation of cost of Field Officers' Quarters fixed at \$14,500 each.

#### CONTRACT AWARDED

SEATTLE, Wash.—Sound Elevator Co., 324 James St., Seattle, at \$560, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for installing new elevator cables in the Marine Hospital at Seattle.

#### BIDS WANTED

GRANTS PASS, Ore.—Until Nov. 3, 10 a.m., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting plaster, etc. in the U. S. Post Office at Grants Pass.

Specifications obtainable from the above office and from the Custodian of the building.

#### BIDS REJECTED

SANTA MONICA, Calif.—Procurement Division, Washington, D. C. rejected all bids received for plaster models for the U. S. Post Office at Santa Monica.

Lombard & Ludwig, Washington, D. C., at \$108, submitted previous low bid.

#### BIDS OPENED

SAN DIEGO, Cal.—Automatic Tension Screen Co., Inc., 6235 S. St. Andrews Place, Los Angeles, at \$2,472, submitted low bid and was recommended for award by the Public Works Officer, to the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for door, window and transom screens for South Ward Building at the Naval Hospital, San Diego, under Spec. 8546.

Complete bids follow:  
Automatic Tension Screen Co., Inc., L. A. ..... \$2,472  
G. R. Abbot, Sr., La Jolla ..... 2,675  
Olmstead Bldg. Co., San Francisco ..... 2,827

F. Diego, San Diego, ..... 2,842.85  
Hunt & Curry Co., San Diego ..... 2,933

#### BIDS OPENED

MAYWOOD, Los Angeles, Cal.—Washington Ornamental Co., Rear 1313 13th St., N. W., Washington, D. C., at \$67, submitted low bid to the Procurement Division, Washington, D. C., for plaster models, at the U. S. P. O., Maywood.

Other bids were:  
Lombard & Ludwig, Inc., Washington, D. C. ..... \$81  
A. Bussard & Co., Washington, D. C. ..... \$155.

#### CONTRACT AWARDED

SAN DIEGO, Cal.—Automatic Tension Co., Inc., 6235 S. St. Andrews Place, Los Angeles, at \$2,472, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for door, window and transom screens for South Ward Building at the Naval Hospital, San Diego, under Spec. 8546.

#### TO OPEN BIDS SHORTLY

ALAMEDA, Calif.—The Bureau of Yards & Docks, Navy Department, Washington, D. C., will open bids shortly at the 12th Naval District Building, 353, Federal Office Bldg., San Francisco, for core borings for the Naval Air Station at Alameda, under Spec. No. 8409. A definite opening date has not been set.

#### CONTRACT AWARDED

PHOENIX, Ariz.—H. R. Meadows, 2815 N. Central Ave., Phoenix, at \$30,654, awarded contract by the Arizona Highway Department, for construction of an addition to the present General Office Building of the department located between 17th and 18th Avenues on Jackson St. Complete bids published Oct. 19.

#### MATERIALS APPROVED

SAN FRANCISCO, Cal.—Treasury Department approved the following building material and equipment awards for the furnishing and installing of communicating and buzzer system in the Federal Office Building at San Francisco. Paragon Electric Co., 88 Beicher St., San Francisco, contractors.

Buzzers—Stanley & Patterson; push buttons—Staoley & Patterson; separable connectors—S. H. Couch Co.; rubber-covered wire—Hazard Insulated Wire Works; inner phone system—S. H. Couch Co.; announcing system—Lake Mfg. Co.

#### MATERIALS APPROVED

LOVELOCK, Nevada.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. P. O. at Lovelock. Lundberg-Richter Co., Salina, Kansas, general contractors.

Oil burner for boiler—Enterpris Oil Burner Co.

#### MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Department approved the following

building material and equipment awards for the construction of the U. S. Courthouse and P. O. at Los Angeles. Geo. A. Fuller, general contractors.

Chilled water pumps—Allis-Chalmers Mfg. Co.

#### BIDS OPENED

SACRAMENTO AIR DEPOT.—Anchor Post Fence Company, 460 5th St., San Francisco, at \$833.65, submitted low bid on Item 1 to the office of the Constructing Quartermaster, Sacramento Air Depot, for fence and barbed wire around buildings at the Depot.

Pacific Portland Cement Co., 729 I St., Sacramento, at \$12.45 and \$49.2, submitted low bids on Items 2 and 3.

Bids were received on the following: Item 1, Fence, Item 2, Wire, 80 spools; Item 3, Wire, 100 spools.

Complete bids follow:  
Anchor Post Fence Co., S. F.—(1) \$833.65, (2) \$49.20, (3) \$49.20.

Pacific Portland Cement Co., Sacramento—(1) \$930, (2) 412.45, (3) \$492.  
A. J. Glessner Co., San Francisco, & Thompson-Diggs Co., Sacramento, submitted identical bid as follows: (1) \$959.59, (2) \$418.10, (3) \$498.15.

Baker-Hamilton & Pacific Co., San Francisco, Dunham-Carrigan & Hayden Co., San Francisco, Kamlan Fence Co., San Francisco, and General Supply Co., San Francisco, submitted identical bids as follows: (1) \$959.59, (2) \$418.10, (3) \$498.15.

#### BIDS OPENED

WOODLAND, Yolo Co., Calif.—King Lindale, P. O. Box 61, Woodland, at \$190, submitted low bid to the Procurement Division, Washington, D. C., for concrete lot copings at the U. S. Post Office at Woodland.

Complete bids follow:  
King Lindale, Woodland ..... \$190  
J. G. Monroe, Woodland ..... 198  
Nick Hemmings, San Francisco ..... 470  
Albert E. Brown, Sacramento ..... 490  
Henry L. Grohne, Decatur, Ill. ..... 787  
Lewis Bros., Phoenix, Ariz. .... 995

#### Bids Wanted—To Close December 7, 2 P. M.

INTERIOR WORK, ETC.  
Est. Cost, \$600,000  
SACRAMENTO, Cal.—Army Air Depot, near North Sacramento.

Construction and completion of interior work in A. C. Engineering Shop and Repair Docks. Work includes interior partitions, floors, doors, sash, plumbing, heating and ventilating, electrical work, etc.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster), P. O. Box 1646, Sacramento.

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Bids will be taken as follows:

- (1) Lump sum, complete all interior work and all plumbing and gas fitting;
- (2) Lump sum, complete all heating and ventilating work;
- (3) Lump sum, complete all electrical work;
- (4) Lump sum, work complete required under Items 1, 2 and 3;
- (5) Unit prices: These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted: (a) Earth excav., per c.y.; (b) Rock excav., per c.y.; (c) Earth excav., trenches, c.y.; (d) Type B concrete, incl. forms, per c.y.;

- (e) Structural steel, per ton;  
 (f) Reinf. steel, per ton;  
 (g) Add or omit 1/2-in. conduit or tubing, per foot;  
 (h) Add or omit 3/4-in. conduit or tubing, per foot;  
 (i) Add or omit 1-in. conduit or tubing, per foot;  
 (j) Add or omit 1 1/4-in. conduit or tubing, per foot;  
 (k) Add or omit 1 1/2-in. conduit or tubing, per foot;  
 (l) Add or omit 2-in. conduit or tubing, per foot;  
 (m) Add or omit 3-in. conduit or tubing, per foot;  
 (n) Add or omit No. 12 R.C. wire, per foot;  
 (o) Add or omit No. 10 R.C. wire, per foot;  
 (p) Add or omit No. 8 R.C. wire, per foot;  
 (q) Add or omit No. 6 R.C. wire, per foot;  
 (r) Add or omit No. 4 R.C. wire, per foot;  
 (s) Add or omit No. 2 R.C. wire, per foot;  
 (t) Add or omit No. 1 R.C. wire, per foot;  
 (u) Add or omit No. 0 R.C. wire, per foot;  
 (v) Add or omit No. 2/0 R.C. wire, per foot;  
 (w) Add or omit No. 4/0 R.C. wire, per foot;  
 (x) Add or omit No. 500 MCM RC cable, per foot;  
 (y) Addition of a Type "A-2" fixture and the installation of a Type "A" or "A-1" fixture in lieu thereof, each;  
 (z) Addition of a 20-amp. receptacle, complete, and including not more than 20 ft. 0 in. of conduit with 42 ft. 0 in. No. 12 wire, each;  
 (aa) Addition of a 20-amp. SP wall switch, complete, and including not more than 20 ft. 0 in. of conduit with 42 ft. 0 in. No. 12 wire, each.

Bidders may submit bid on any one or all of items 1, 2, 3 and 4, and shall submit bids required under "Unit Prices" only if work named under "Unit Prices" is included in the work for which bidder is submitting bids.

Plans and specifications may be obtained from the office of the Constructing Quartermaster upon deposit of a certified check made payable to the Treasurer of the United States.

## 8— CLUB BUILDINGS

Construction Underway  
 REMODEL HALL Cost, \$20,166  
 VALLEJO, Solano Co., Calif. Georgia Street.

Remodel Golden State Hall.  
 Owner—Golden State Hall Assn.  
 Contractor—Wm. Franke, 308 Kentucky St., Vallejo.  
 Architect—Not given. \* 8

Preparing Preliminary Plans  
 LODGE HALL Cost, \$40,000  
 HANFORD, Kings Co., Cal.  
 Lodge Hall.  
 Owner—Hanford Lodge of Eagles.  
 Architect—David H. Horn, Rowell Bldg., Fresno.  
 Further announcement shortly.

Complete Working Drawings  
 MASONIC TEMPLE Cost, \$75,000  
 LODI, San Joaquin Co., Calif. East Pine St.

Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge.  
 Architect—Frank V. Mayo, 95; North Eldorado St., Stockton.  
 Structural Engineer—R. H. Cooley,

Builders' Exchange Bldg., Oakland.  
 Plans will be completed and bids asked in two weeks.

## 9— HOSPITALS

Contract Awarded  
 ALTERATIONS Cost, \$11,625  
 PALO ALTO, Santa Clara Co., Cal., 300 Homer Ave.

Alterations to second floor of clinic. Owner—Palo Alto Clinic, 300 Homer Avenue.

Architect—Birge & David Clark, 310 University Avenue.

Contractor—W. P. Goodenough, 49 Wells Street.

CONTRACT AWARDED  
 YUMA, Ariz.—Henry Salas, Yuma, at 1940, awarded contract by the Yuma County Supervisors for furnishing and installing a heating system in the Yuma County Hospital.

TO ASK BIDS  
 EL CENTRO, Imperial Co., Cal.—Imperial County Supervisors this week authorized County Clerk W. J. McClelland to advertise for bids for a new one-story reinf. concrete unit (85 x 59 ft.) to be added to the County Hospital, south of El Centro. Provision will be made for a future cooling system.

PREPARING PRELIMINARY PLANS

LOS ANGELES, Cal.—Architects M. L. Barker and G. Lawrence Ott, 624 S. La Brea Ave., have been commissioned to prepare plans for an 8-story class A addition to the Queen of the Angels Hospital, 2301 Bellevue St.; steel fr. and reinforced concrete construction concrete floor and roof slabs, tile and composition roof, wood and steel sash, terrazzo, tile and rubber-tile floors, terra cotta and plaster exterior, metal lath and plaster interior, dumb-walker, elevator, steam heating from present plant. Estimated cost, \$250,000.

Preliminary plans are under way.

TO AWARD WRECKING

CONTRACT  
 LOS ANGELES, Cal.—Santa Fe Railway, Kerckhoff Bldg., Los Angeles, has taken bids and will award a contract within a few days for wrecking an existing wood front hospital building at 610 S. St. Louis St. for the Santa Fe Hospital. Plans are now under way in the company's architectural department for a new building to be built on the site at an estimated cost of \$500,000. It will be a Class A structure, providing executive offices, interned quarters, clinics, operating rooms and additional wards. It has not been determined when work will start on the new building.

Preparing Working Drawings  
 HOSPITAL BLDG. Est. Cost, \$250,000

EAST BAKERSFIELD, Kern Co., Cal., Kern General Hospital. Four-story steel frame hospital building with concrete walls and floors, brick veneer exterior, tile roof, elevator, asphalt tile floor surfacing, tiled bathrooms, steam heat from central plant.

Owner—County of Kern.  
 Architect—Chas. H. Bigger, 554 Haberfelde Bldg., Bakersfield.  
 Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.  
 Plans will be completed about November 15, when bids will probably be asked by Kern County Supervisors.

## 10— HOTELS

To Award Contract  
 AUTO COURT Cost, \$15,000-\$20,000  
 STANISLAUS CO., Calif. Highway 99, about 2 miles south of Modesto.

Automobile court and camp grounds consisting of 16 units; floor furnaces, etc.

Owner—Mrs. J. J. Martin.  
 Architect—G. N. Hillburn, 1312 I St., Modesto.

Contractor—W. H. Johnson, 411 Fairview Ave., Modesto.

Contract will be awarded to Mr. Johnson shortly.

## 11—ICE AND COLD STORAGE PLANTS

COMPLETING WORKING DRAWINGS

ESCONDIDO, San Diego Co., Cal.—Gay Engineering Corp., 2730 E. 11th St., Los Angeles, and Structural Engineer Mark Falk, Washington Bldg., Los Angeles, are completing working drawings for a new two-story and basement (60 x 100 ft.) precooler and an ice manufacturing and storage plant (30 x 150 ft.) to be built in Escondido for the Escondido Orange Association. Cost of the improvements will total \$180,000. It has not yet been determined who will construct the buildings. \* 11

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned  
 CITY JAIL Cost, \$.....  
 TRACY, San Joaquin Co., Calif.  
 Extension of City Hall building south wing to provide new jail.

Owner—City of Tracy.  
 Architect—Not given.

The City Council is now taking estimates on the proposed addition.

BIDS WANTED  
 SAN FRANCISCO—Until Nov. 3, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, for moving the buildings from the South End, Dolphin & Ariel Rowing Clubs, Aquatic Park. Estimated cost, \$3,000.

Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.

Contract Awarded  
 ALTERATIONS Cont. Pr. \$17,700  
 OAKLAND, Alameda Co., Calif. 18th and Poplar Streets.  
 Alterations and repairs to the Alameda County Detention Home.  
 Owner—County of Alameda.  
 Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Contractor—Arthur Holyoake, 2839 E Ave., Hayward.

Complete bids follow:  
 Arthur Holyoake, Hayward.....\$17,700  
 E. T. Leter & Sons, Oakland..... 17,987  
 Geo. Swanstrom, Oakland..... 18,728  
 Willis F. Lynn, Oakland..... 19,539  
 (5298) 1st rep. Aug. 31; 3rd, Oct. 6, 1937.

COMMISSIONED TO PREPARE PLANS

TAFT AND BUTTONWILLOW, Kern Co., Cal.—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield, have been commissioned by the Kern Co. Supervisors to prepare plans for a fire station and jail building to be built in Taft; also for a similar building to be built in Buttonwillow.

**CONTRACT AWARDED**

**SANTA BARBARA, Calif.**—Jack Bramlage, Chelham Road, Santa Barbara, submitted low bid and was awarded contract, at \$20,338, by the Santa Barbara County Supervisors, J. E. Lewis, Clerk, for alterations and additions to building for employees' quarters at Santa Barbara County Hospital, located on San Antonio Road.

Complete bids follow:

Jack Bramlage .....	\$20,338
Harry R. Graham & Son .....	22,985
H. D. MacQuiddy .....	23,996
Nels Oakeson .....	21,979
Charles M. Urton .....	22,623
Eric Smith .....	20,950

All of Santa Barbara.

**CONTRACT AWARDED**

**SUNNYVALE, Santa Clara Co., Calif.**—George A. Kelly, 648 Almaden Ave., San Jose, at \$248,411, submitted low bid and was awarded contract by the City of Sunnyvale for moving and reconstructing three dwellings, together with outbuildings, fences, etc., at the southwest corner of Mathilda Avenue and Evelyn Avenue in the City of Sunnyvale.

Other bids submitted were:  
 Hanson Bros., San Francisco \$392,630  
 Pearson & Johnson, S. F. .... 519,000

**Sub Contracts Awarded**

**AIRPLANE HANGAR** Cont. Price, \$10,106  
**HUMBOLDT CO. AIRPORT, Calif.**  
 Three miles east of Eureka.  
 Eight-plane hangar (60 x 85 ft) of redwood timber construction with Teco connectors.  
 Owner—County of Humboldt (Fred M. Kay, Clerk).  
 Architect—F. G. Georgeson, 537 G St., Eureka.  
 Structural Engineer—W. H. Ellison, 821 Market St., San Francisco.  
 Contractor—Mercer-Fraser Company, Eureka.

**Roofing**—Zellerbach Paper Co., 534 Battery St., San Francisco.  
**Electric Wiring**—Cloney Electric Co., 5th and "G" Streets.  
**Sheet Metal**—Harris Sheet Metal and Auto Repair Works, 30 W 4th St.  
**Lumber**—Dolbeier and Carson Lumber Co., 2nd and "M" Street.  
**Mill Work**—George C. Jacobs Co., 102 W. 4th Street.  
**Hardware**—Bakker C. Crosby Co., 5th and "G" Street.  
**Painting**—Nelson Bros., 328 5th St.  
**Roof Trusses**—Summerbell Truss Co., 354 Hobart St., Oakland.  
 All of Eureka unless otherwise noted.

**14— RESIDENCES**

**Contract Awarded**

**RESIDENCE** Cost, \$7,500  
**BURLINGAME, San Mateo Co., Cal.**  
 Clarendon Road.  
 One and one-half story frame residence (7 rooms), hardwood floors, tile baths, wood sash, etc.  
 Owner—Withheld.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Contractor—Hammer & Tosch Co., 1090 Burlingame Square, Burlingame.

**Plans Completed**

**ALTERATIONS** Cost, \$4,000-\$5,000  
**SAN FRANCISCO.** 108 Laidley St.  
 Alterations to residence.  
 Owner—Henry Raphael.  
 Architect—Wm. I. Garren, 233 Post Street.  
 Contractor—Stuart Foster, 28 Harry St.

**Plans Completed**

**RESIDENCE** Cost, \$4,000-\$5,000

**ORINDA, Alameda Co., Calif.**  
 One-story Redwood residence (six rooms, bath), floor furnaces, wood shingle roof, hardwood floors, tile bath, etc.  
 Owner—John J. Martin.  
 Architect—Wm. I. Garren, 233 Post St., San Francisco.

**To Be Done By Day Work**  
**RESIDENCE** Cost, \$5,500  
**SAN FRANCISCO, W. Beachmont Drive, 90 ft. S. Sloat Blvd.**  
 Two-story and basement frame residence.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Harold G. Stoner, 35 Vicente St.

**Contract Awarded**  
**RESIDENCE** Cost, \$9,000  
**OAKLAND, Alameda Co., Cal., 808 Paramount Road.**  
 Two-story frame and stucco residence (7 rooms).  
 Owner—A. R. Lapham, 904 Treatie Glen Road.  
 Architect—Irwin M. Johnson, 2215 7th Avenue.  
 Contractor—Theo. H. Lapham, 546 Kenmore Avenue.

**Contract Awarded**  
**RESIDENCE** Cost, \$15,000  
**SAN FRANCISCO, N. El Camino del Mar, 783 SW Sea Cliff Extension.**  
 Two-story and basement frame residence.  
 Owner—R. Goldberg, c/o Architect.  
 Architect—F. Frederic Amandes, 414 Dewey Blvd.  
 Contractor—Aetna Constr. Co., 1724 34th Ave.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**OAKLAND, Alameda Co., Cal., 5950 Harbord Drive.**  
 One-story frame residence (5 rms.)  
 Owner—Henry Taft, 521 Prince St.  
 Architect—Not Given.  
 Contractor—T. R. Mueller, 698 Creston Road, Berkeley.

**Bids Opened**  
**RESIDENCE** Cost, \$ .....  
**HAYWARD, Alameda Co., Calif.**  
 One-story frame and stucco residence (five rooms).  
 Owner—Withheld.  
 Architect—George Patton Simonds, 80 Main St., Hayward.  
 Low Bidder—Arthur Holyoake, 2839 E. Ave., Hayward.  
 Complete bids follow:  
 Arthur Holyoake, Hayward..... \$3900  
 F. C. Little, Hayward..... 4780  
 Parsons & Williams, Oakland... 5900

**Owner New Taking Bids**  
**RESIDENCE** Cost, \$7,000  
**WILLOW GLEN, Santa Clara Co., Calif., Willow Glen Way.**  
 One-story frame and stucco residence, hardwood floors, tile baths, wood sash, etc.  
 Owner—Antone Sordello, Morgan Hill.  
 Architect—Chas. McKenzie, Twoby Hlge., San Jose.  
 Owner will take bids for about one week.

**RESIDENCE** Cost, \$75,000  
**SAN FRANCISCO W San Buena Ventura, 109 S St. Francis Blvd.**  
 Two-story and basement frame residence (16 rooms, 9 baths), brick veneer, tile roof, brick patio, brick fountain, steam heating system, gold fixtures, hardwood floors.  
 Owner—George Mann, 129 San Buena Ventura Ave.  
 Architect—Not Given.  
 Contractor—Moore & Roberts, 693 Mission St.

**Mill Work**—Lannon Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.  
**Concrete**—Golden Gate Atlas Matls. Co., 16th and Harrison Sts.  
**Electric Work**—American Electric Construction Co., 462 Bryant St.  
**Plumbing**—E. Sugarman, 3624 Geary St.  
**Roofing & Shingle Tile**—W. J. Anderson, 3825 Army St.  
**Tile**—Sunset Tile Company, 2219 Irving St.  
**Steel Sash & Metal Sash Doors**—Soule Steel Co., 1750 Army St.  
 All of San Francisco unless otherwise noted.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**SAN FRANCISCO, N. Liberty St., 155 ft W of Dolores St.**  
 Two-story and basement frame residence.  
 Owner—J. J. Griffin, 441 Oak St.  
 Architect—W. E. Huson, 447 24th Ave.  
 Contractor—Richard Delucchi & Co., 3275 San Bruno Ave.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$15,500  
**PIEDMONT, Alameda Co., Calif. 139 Somerset Ave.**  
 Two-story frame residence and garage.  
 Owner & Builder—Albert A. Haskell, 255 Ridgway Ave., Piedmont.  
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,100  
**NAPA, Calif.**  
 Two-story frame residence (7 rooms, 2 baths), plaster interior, shingle roof, oil-burning furnace, hardwood floors, tile baths, wood sash.  
 Owner—E. L. Bleckford, 1303 Jefferson St., Napa.  
 Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
 Contractor—Earl Long, 2206 Tockey St., Napa.

**Plans Being Figured — Bids Close**  
 About November 1  
**REMODEL RESIDENCE** Cost, \$ .....  
**MENLO PARK, San Mateo Co., Cal.**  
 Remodel residence.  
 Owner—Withheld.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.  
 Following are figuring plans:  
 Vance M. Brown, 1228 Middlefield Road, Palo Alto.  
 A. E. Orton, 151 Harriett Avenue, Palo Alto.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$5,500  
**SAN FRANCISCO, NE Gladys and Appleton Sts.**  
 Two-story and basement frame residence.  
 Owner—D. and M. Sheehan, Prem.  
 Architect—Not Given.  
 Contractor—Graham & Jensen, 728 35th Ave.

**Plumbing**—Geo. Rehn, 1919 Mission St., San Francisco.  
**Lumber and Mill Work**—Greater City Lumber Co., 3123 Mission St., San Francisco.  
**Concrete**—D. O'Connor & Son, 1367 25th Ave., San Francisco.

**Sub Contract Awarded**  
**RESIDENCE** Cost, \$10,000  
**SAN MATEO, Lot 9, Blk 16, Parrott Drive.**  
 Two-story frame and stucco residence.  
 Owner—Roy A. Lynne, c/o Contractor.  
 Architect—Not given.  
 Contractor—G. W. Williams Co., 315 Primrose Rd., Burlingame.  
**Plumbing**—Harry Lee, 220 California Drive, Burlingame.

**Correction in Tile Contractor's**

Address  
**RESIDENCE** Cost, \$75,000  
**SAN FRANCISCO.** W. San Buena Ventura, 100 S. St. Francis Blvd.  
 Two-story and basement frame residence (16 rooms, 9 baths), brick veneer, tile roof, brick patio, brick fountain, steam heating system, gold fixtures, hardwood floors.  
 Owner—George Mann, 120 San Buena Ventura Ave.  
 Architect—Not Given.  
 Contractor—Moore & Roberts, 692 Mission St.  
 Tile—Sunset Tile Co., 2093 15th St., San Francisco.

**Contract Awarded**

**PIEDMONT,** Alameda Co., Cal. Wildwood Gardens.  
 Two-story frame and stucco residence (9 rooms).  
 Owner—Dr. Kenneth Thompson.  
 Architect—Miller & Warnecke, Financial Center Bldg., Oakland.  
 Contractor—D. W. Nicholson, 357 12th St., Oakland.

Construction was postponed indefinitely last July, but work will now go ahead.

**Preparing Preliminary Plans**

**RESIDENCE** Cost, \$5,500  
**LAKEPORT,** Lake Co., Calif.  
 One-story frame and stucco residence (5 rooms), hardwood floors, tile bath, shingle tile roof, air-conditioning system.  
 Owner—Clark Rod, c/o Architect.  
 Architect—John Easterly, Healdsburg and Santa Rosa.  
 Upon completion of plans, general bids will be asked.

**Contract Awarded**

**RESIDENCE** Cost, \$10,000  
**BURLINGAME HILLS,** San Mateo Co., Calif. Lots 8 and 9, Block 2, Newton Dr.  
 Two-story frame residence.  
 Owner—H. J. Burns, 2460 Poppy Dr., Burlingame.  
 Architect—Not Given.  
 Contractor—Martin Peterson, 128 Lorton Ave., Burlingame.

**Contract Awarded**

**RESIDENCE** Cost, \$7,000  
**OAKLAND,** Alameda Co., Cal. 5117 Proctor Ave.  
 Two-story frame residence (6 rms.).  
 Owner—Mrs. E. N. Frost.  
 Architect—Not Given.  
 Contractor—W. P. Harwood, 3514 Lyon Ave.

**Contract Awarded**

**RESIDENCE** Cont. Price, \$3,900  
**HAYWARD,** Alameda Co., Calif.  
 One-story frame and stucco residence (five rooms).  
 Owner—Withheld.  
 Architect—George Patton Simonds, 80 Main St., Hayward.  
 Contractor—Arthur Holyoake, 2839 E. Avenue, Hayward.

**Bids Rejected**

**RESIDENCE** Cost \$ .....  
**HILLSBOROUGH,** San Mateo Co., Calif.  
 Two-story frame residence.  
 Owner—Withheld.  
 Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland  
 Bids ran high and were rejected. Plans will be refigured shortly.

**15—SCHOOLS**

**Additional Sub Contracts Awarded**  
**HIGH SCHOOL** Cont. Pr., \$62,400  
**WEAVERVILLE,** Trinity Co., Calif.  
 One-story frame and stucco high school building.  
 Owner—Trinity County High School District.

Architect—Maaten & Hurd, 442 Post St., San Francisco.

Contractor—J. P. Brennan, Redding.  
 Roofing—Roof Service Co., 1900 Alhambra Blvd., Sacramento.

**Plumbing, Heating and Sheet Metal**—Allen & Allen, 654 Main St., Red Bluff.

**Electric Wiring**—Lee T. Pence Radio & Elec. Co., 1555 Market St., Redding.

**Glass and Mill Work**—Diamond Match Co., Chico, Calif.

**Painting**—Robert T. Parker, 1106 11th St., Sacramento.

**Lathing and Plastering**—O'Connor Bros., 750 Madison Street, Red Bluff.

**Architect Selected**  
**SCHOOL** Est. Cost, \$50,000  
**TRACY,** San Joaquin Co., Calif. Easton Ave., bet. Parker and Holly Drive.  
 New elementary school.

Owner—Tracy Elementary School District (Henry A. McCrory, Clerk).

Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.  
 Mr. Ernst was selected to prepare plans for the new school at a special meeting of the board held Oct. 24. Plans are expected to be completed about Jan. 15, 1938, when general bids will be asked.

**Bonds Voted**

**SCHOOL**  
**TERRA BELLA,** Tulare Co., Calif.  
 One-story frame and stucco school building (3 classrooms, assembly hall), tile roof.  
 Owner—Terra Bella School District.  
 Architect—Fred L. Swartz, Brix Bldg., Fresno.

Terra Bella Union School District voted bonds October 21 in the amount of \$40,000, proceeds to finance school construction and improvements.

**Bids Opened**

**SCHOOL**  
**STOCKTON,** San Joaquin Co., Calif.  
 One-story frame and brick veneer school building (five classrooms, recreation room, principal's office, lavatories, etc.), wood sash, composition roof, linoleum halls, Oregon pine classroom floors, insulated roof, etc.

Owner—Grant Grammar School District.  
 Architect—Joseph Losekann, 1023 N. Madison St., and J. N. Cloudwey, Exchange Bldg., Stockton.

Structural Engineer—Ernest D. Francis, Cronan Bldg., Sacramento.  
 Low Bidder—Samuel Eyre, 57 W. 10th St., Tracy—\$28,100.

Complete bids follow:  
 Samuel Eyre, Tracy.....\$28,100  
 C. H. Dodd, Stockton.....28,184  
 C. E. Totten, Stockton.....28,632  
 C. C. Meyers.....28,832  
 Victory Constr. Co.....29,000  
 Eckert Bros.....29,832  
 George Roek.....31,890

**BIDS OPENED**

**SAN FRANCISCO,** Calif.—Wm. Alingham Co., 1257 Folsom Street, San Francisco, at \$1.20, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for boring ten test holes on the site of the new Junior College, corner Ocean and Phelan Avenues.

Robert Garcia, San Francisco, at \$2.00, submitted only other bid.

**Bids Wanted—To Close November 19, 8:00 P. M.**  
**SCHOOL** Est. Cost, \$181,500  
**FORT BRAGG,** Mendocino Co., Calif.  
 One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) steel trusses.

Owner—Fort Bragg Union High Sch. District.

Architect—W. E. Coffman, Forum Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

PWA allotted grant in the amount of \$87,510 to assist in financing.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the office of Paul C. Bryan, Supt. of Schools, Rm. 22, 500 Harold St., Fort Bragg, at 4:00 p. m., and read in public at 8:15 p. m., November 19.

**BIDS WANTED**

**SAN MARINO,** Los Angeles Co., Cal.—Until November 15, 8:00 p. m., bids will be received by San Marino Elementary School District for a 5-classroom and kindergarten wing addition to the Henry E. Huntington School in San Marino, a PWA project. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles.

**Bids Wanted—To Close November 16, 4:00 P. M.**

**PORTABLES** Est. Cost, \$1000 ea.  
**OAKLAND,** Alameda Co., Cal., Golden Gate Junior High School, 63rd and San Pablo Avenue.  
 Thirteen portables (temporary classrooms).

Owner—Oakland School District.  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Plans and specifications obtainable from the Department of Architecture & Engineering, Room 109, 1025 2nd Ave., Oakland, upon deposit of \$25. Bids will be opened in the Board Room, Administration Bldg., 1025 2nd Avenue, Oakland.

**To Ask Bids Shortly**

**BOYS' GYMNASIUM** Est. Cost, \$147,000  
**SAN FRANCISCO,** Lowell High School, Grove St., near Masonic Avenue.

Reinforced concrete boys' gymnasium (72 x 93 ft.), composition covered roof supported on steel, steel roof trusses, brick and terra cotta exterior finish.

Owner—San Francisco High School District.  
 Architect—Charles H. Sawyer, Room 265, City Hall.

It is expected that bids will be asked within two weeks.

**Bid Opening Postponed Until Nov. 9, 7:30 P. M.**

**ADDITION** Est. Cost, \$25,000  
**KERNVILLE,** Kern Co., Calif.  
 Two-room unit to be built at Kernville School.

Owner—Kernville School District.  
 Architect—Symmes & Willard; Stanton Willard, Architect, 215 Haheride Bldg., Takersfield.

Opening date postponed from October 29.

**Preparing Plans**

**JUNIOR COLLEGE** Cost, \$1,000,000  
**SAN FRANCISCO.** Phelan & Ocean Avenues (37-acre site).  
 San Francisco Junior College.  
 Owner—City and County of San Francisco.

Architect—Miller & Pfueger, 550 Market Street, and John Baur, 251 Kearny St.

Plans are now being completed on the first unit, a three-story reinforced concrete science bldg. (80 x 500 ft., with thirty-five classrooms, twenty-eight administrative and teachers' offices, ten laboratories, and cafeteria to accommodate 1500, in basement. Estimated cost of first unit is \$693,000.

Separate bids will be asked for

construction of the foundations, probably before the first of the year.

**Plans Approved**  
**SCHOOL ADDITION** Cost, \$140,000  
BERKELEY, Alameda Co., Calif. NE  
M'Via and Virginia Sts.

**Whittier Elementary School addition**  
of approximately 13 classrooms,  
principal's office, cafeteria, rest  
rooms, lavatories, and an auditorium.

**Owner**—Berkeley Unified School Dis-  
trict.

**Architect** — P. L. Dragon and C. R.  
Schmidts and E. R. Hardman &  
G. Officer, 2068 Allston Street,  
Oakland.

**Structural Engineer**—W. Adrian, 417  
Market St., San Francisco.

Plans have been approved by the  
State Division of Architecture.

**Preparing Working Drawings**  
**SCHOOL** Est. Cost, \$300,000

EL CERRITO, Contra Costa Co., Cal.  
El Cerrito High School.  
**Owner**—Richmond Union High School  
District (Walter T. Helms, Supt.  
of Schools).

**Architects**—Dragon & Schmidts, 2068  
Allston Way, Berkeley.

**Bids Wanted — To Close November**  
**9, 8 P. M.**  
**HEATING PLANT, ETC.**

Est. Cost, \$7,000  
MADERA, Calif. Lincoln School.

Heating plant and boiler house of  
reinforced concrete construction.  
**Owner**—Madera Elementary School  
District (S. H. Ransom, Clerk).

**Architect**—Ernest J. Kump, Rowell  
Bldg., Fresno.

Plans and specifications on file  
with the clerk and may be obtained  
at the architect's office.

**Completing Working Drawings**  
**ADDITION** Cost, \$50,000

ALBANY, Alameda Co., Calif.  
Two-story and basement reinforced  
concrete addition (fourth unit) to  
Albany High School.

**Owner**—Albany High School District.  
**Architect**—Dragon & Schmidts, 2068  
Allston Way, Berkeley.

Plans will be completed in about  
one week and forwarded to the State  
Div. of Architecture for approval.

**SUB CONTRACTS AWARDED**

**BAKERSFIELD**, Kern Co., Cal.—  
Trehitt-Shields & Fisher, 1501 Pa-  
cific Southwest Bldg., Fresno, awarded  
the following sub contracts for  
construction of a 26-unit auto court  
in Bakersfield. Kenneth S. Wing,  
architect, Long Beach.

**Roofing**—Orvil McNay, 1669½ Ches-  
ter Ave., Bakersfield.

**Plumbing**—A. E. Abbott, 918 Mon-  
terey St., Bakersfield

**Electric Wiring**—W. T. Drury, 615  
19th St., Bakersfield.

**Heating**—DeJongh-Howells Co.,  
Los Angeles.

**Sheet Metal**—Thrasher Motors Co.,  
2531 Chester Ave., Bakersfield.

**Tile Work**—Long Beach Marble &  
Tile Co., Long Beach.

**Glass and Mill Work**—Fresno Plan-  
ing Mill Co., Inc., H. and Monterey  
Streets.

**Brick and Stone Work**—A. J. Hen-  
dricks, 613 19th St., Bakersfield.

**Lumber**—King Lumber Co., 2 Sumner  
St., Bakersfield.

**Hardware**—Carter Hardware Co.,  
Los Angeles.

**Painting**—Peckham & Fosk, Bakers-  
field.

**Lathing and Plastering**—Alex Sim-  
son, Bakersfield.

**Preparing Preliminary Plans**  
**AGRICULTURAL BLDG.** Cost, \$8,000

FOWLER, Fresno Co., Calif.

**Frame agricultural building.**  
**Owner**—Fowler Union High School  
District.

**Architect**—Charles H. Franklin, 416  
T. W. Patterson Bldg., and Er-  
nest J. Kump, Rowell Building,  
Fresno.

**BOND ELECTION**

KERN COUNTY, Cal.—Rosedale  
Union School District will vote on a  
proposal to issue bonds in the amt.  
of \$20,000, proceeds to finance con-  
struction of improvements to the  
Rosedale School in Kern County.

Preliminary plans prepared by  
Perrine & Mackie; Herbert E.  
Mackie, architect, 908 Western Pa-  
cific Bldg., Los Angeles.

**WORK STARTS SHORTLY**

ONTARIO, San Bernardino Co.,  
Cal.—Chaffey Union High School  
and College District, Ontario, will  
probably start work soon on the first  
unit of a new two-story and base-  
ment reinforced concrete science  
building (63 x 180 ft) for the Chaf-  
ey High School, a WPA project.  
Est. cost, \$120,000. Two addi-  
tional units are planned for future  
construction. Harry L. Pierce, archi-  
tect, 1443 Mt. Pleasant St., Los An-  
geles.

**WORK STARTS SHORTLY**

OLIVE, Orange Co., Cal.—Olive  
School District will start work next  
month on the construction of a one-  
story and basement reinforced con-  
crete gymnasium and auditorium  
building on a two-acre site near the  
grammar school in Olive, a WPA  
project. Approximate cost, \$65,000.  
Plans prepared by Fay R. Spanker-  
ler, Santa Ana.

**Bids Opened**  
**SHOP BLDG.**

DANVILLE, Contra Costa Co., Calif.  
Alamo Road.

One-story frame shop building addi-  
tion to San Ramon Valley High  
School.

**Owner**—San Ramon Union High Sch.  
District.

**Architect**—Norman R. Coulter, 46  
Kearny St., San Francisco.

**Low Bidder**—Graham & Jensen, San  
Francisco.

Complete bids follow:  
Graham & Jensen, S. F. \$13,970  
Mark Bristol, Oakland 14,514  
Robert McCarthy, S. F. 14,838  
Peter Sartorio, S. F. 14,916

**Owner** has taken bids under ad-  
visement.

**Bid Opening Date Postponed Until**  
**November 8, 8 P. M.**

**GYMNASIUM BLDG.** Cost, \$8,000  
EASTON, Fresno Co., Calif.

One-story reinforced concrete gym-  
nasium building (boys' unit),  
composition roof, steel sash, met-  
al partitions.

**Owner**—Washington Union High Sch.  
District, Easton.

**Architect** — W. D. Coates, Rowell  
Bldg., Fresno.

Following have taken out plans:  
Harris Constr. Co., 577 McKinley,  
Fresno.

L. H. Hansen & Son, P.O. Box 519,  
Fresno.

T. C. and W. H. Irwin, 908 Mil-  
dreda, Fresno.

Trehitt-Shields & Fisher, Pacl-  
ere Southwest Bldg., Fresno.

Opening date postponed from Oct.  
27.

**Bids Wanted—To Close November**  
**19, 2 P. M.**

**SCHOOL BUILDING** Estimated cost, \$153,225  
PORTERVILLE, Tulare Co., Calif.  
New High School (7 classrooms, li-  
brary, administrative offices, 6  
special rooms, sewing, domestic

science, manual training and mu-  
sic rooms), reinforced concrete  
construction.

**Owner**—Porterville Union High Sch.  
District.

**Architect** — W. D. Coates, Rowell  
Bldg., Fresno.

**Structural Engineer**—F. W. Kellberg,  
320 Market St., San Francisco.

FWA allotted grant in the amount  
of \$68,951 to assist in financing.

**Sub Contracts Awarded**  
**GYMNASIUM.** Cont. Fr., \$63,583.50

DAVIS, Yolo Co., Calif.  
New gymnasium building to replace  
one destroyed by fire last Nov.

Plans to include two laboratory  
rooms, combination band room  
and stage, gym, locker rooms,  
shower rooms, etc., and three-  
classroom wing addition to main  
school building.

**Owner**—Davis Joint Union High Sch.  
Dist. (Homer H. Cornick, Prin-  
cipal).

**Architect**—Starks & Flanders, Bank  
of America Bldg., Sacramento.

**Contractor**—Lawrence Constr. Co.,  
5372 Ninth Ave., Sacramento.

**Roofing**—Bush Roofing Co., 1912 K  
Street.

**Plumbing**—Stevens Plumbing Co.  
**Electric Wiring**—Commercial Elec.  
Co.

**Heating**—Luppen & Hawley, 3128 J  
St.

**Sheet Metal**—McLoughlin Sheet Mt.  
Wks., 1914 I St.

**Lumber**—Davis Lumber Co., 820 3rd  
St., Davis.

**Mill Work**—Dierra Mill & Lbr. Co.,  
201 V St.

**Lathing & Plastering**—A. Telchert &  
Son, Inc., P.O. Box 1113.

All of Sacramento.

**BIDS WANTED**

OCEANSIDE, San Diego Co., Cal.  
—Until Nov. 16, 7:30 p.m., bids will  
be received by Oceanside-Carlsbad  
Union High School District for con-  
struction of west wing frame and  
stucco addition (9 classrooms and  
administration unit) to the high  
school plant. Cost, \$60,000. Plans  
will be available next week from  
Architects Kistner & Curtis, 412 Ar-  
chitects' Bldg., Los Angeles, and 675  
Spreckels Bldg., San Diego.

**Bids Wanted—To Close November 12,**  
**7 P. M.**

**SCHOOL** Cost, \$79,219  
GRANTS PASS, Oregon.

One-story frame and brick veneer  
elementary school building.

**Owner**—School District 12 (Lillia Fos-  
bery, Clerk), Grants Pass.

**Architect**—William Laing, U. S. Bank  
Bldg., Medford.

Plans and specifications obtainable  
from the architect upon deposit of  
\$20.

**Bids Wanted — To Close November**  
**19, 2 P. M.**

**SCHOOL BUILDING** Estimated Cost, \$153,225  
PORTERVILLE, Tulare Co., Calif.

New High School (7 classrooms, li-  
brary, administrative offices, 6  
special rooms, sewing, domestic  
science, manual training and mu-  
sic rooms), reinforced concrete  
construction.

**Owner**—Porterville Union High Sch.  
District.

**Architect** — W. D. Coates, Rowell  
Bldg., Fresno.

**Structural Engineer**—F. W. Kellberg,  
320 Market St., San Francisco.

Plans and specifications obtainable  
from the architect's office upon de-  
posit of \$25.

As previously reported, FWA al-  
lotted grant in the amount of \$68,951  
to assist in financing.

**Bids Wanted - To Close November 16, 7 P. M.**

**SCHOOL BLDGS.** Est. Cost, \$85,000  
**SANTA CLARA, Santa Clara Co., Calif.** Santa Clara High School, Gymnasium (22 x 140 ft.), to seat from 750 to 900; shop, garage, equipment, etc.

Owner—Santa Clara High Sch. District (S. J. Brainerd, Principal).  
 Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA allotted grant in amount of \$38,250 to assist in financing.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids will be opened Nov. 16, 8 p.m., in the principal's office.

**To Ask Bids Shortly**  
**GYM & POOL** Est. Cost, \$125,455  
**WATSONVILLE, Santa Cruz Co., Calif.**

One-story reinforced concrete gym. (to house manual training shop, music room, boys' and girls' shower and dressing rooms, locker and practice rooms, etc.), and pool.

Owner—Watsonville Union High Sch. District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

Plans have been approved by the PWA and bids will be asked in one week.

PWA allotted grant in amount of \$56,455 to assist in financing.

#### BIDS WANTED

**BURLINGAME, San Mateo Co., Calif.**—Until November 1, 8:00 p.m., bids will be received by the Trustees of the Burlingame Elementary School District. Winifred Jeppesen, Clerk, for installation of Electrogas furnace, with blowers, flue, and other accessories, in the auditorium of the Roosevelt School building.

Plans and specifications on file at the office of Superintendent Lester D. Henderson at the McKinley School, 701 Paloma Avenue, Burlingame. Bids must be accompanied by a 10% certified check payable to Clerk of Board of Trustees.

**To Ask Bids Shortly**  
**SCHOOL** Est. Cost, \$36,364  
**STEVENSON, Merced Co., Calif.**

One-story frame and stucco school building concrete foundations, corridors, floors and toilet room floors; four classrooms, activity classroom and assembly with stage, office and toilet facilities; wood roof with tile covering, metal lath or gypsum wall board interior.

Owner—Merced Union Sch. District, Merced Co., Calif.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

PWA allotted funds in the amount of \$38,594, including grant of \$16,364, and loan of \$20,000, to finance work.

Plans have been forwarded to owners and bids will be asked within a few days.

**Completing Plans**  
**SCHOOL** Est. Cost, \$105,091  
**FRUITRIDGE, Sacramento Co., Calif.**

One-story frame school building containing 14 classrooms and an assembly room with stage, lavatories, office, waiting room, nurse's room, teachers' room, and kitchen; wooden roof trusses, stucco walls, shingle roof, direct radiation heating, floor area of 26,840 sq. ft.

Owner—Fruitridge School District.  
 Architect—Charles Dean, California Structural Engineer—F. W. Kellberg, State Life Bldg., Sacramento.

320 Market St., San Francisco.  
 Plans will be completed in about one week.  
 PWA allotted grant of \$45,091 and loan of \$60,000 to finance construction.

**To Ask Bids Shortly**  
**HIGH SCHOOL** Cost, \$57,785  
**POINT ARENA, Mendocino Co., Calif.**

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agricultural room, library and auditorium to seat 300.

Owner—Point Arena Union High Sch. District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Plans have been approved by the PWA and bids will be asked in one week.

**TO ASK BIDS SHORTLY**  
**GORMAN, Los Angeles Co., Calif.**

The Quail Lake School District will call for bids about Nov. 1 for a one-story frame and stucco school building to be built at Gorman for the district; will contain 2 classrooms, administration and administration unit, tile roof, metal sash, concrete floors, air conditioning system, playground equipment; estimated cost, \$36,400. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

**TO ASK BIDS SHORTLY**  
**SOUTH WHITTIER, Los Angeles Co., Calif.**—The South Whittier Sch. District will call for bids about Nov. 1 for a new reinf. concr. school plant to be built in South Whittier for the district. The first unit, to cost about \$38,250, will include an auditorium, administration unit, four classrooms and kindergarten. Additional classrooms, to cost approximately \$40,000, will be built later. Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, architect.

**Low Bidder**  
**ALTERATIONS** Cost, \$.....  
**MILL VALLEY, Marin Co., Calif.**

Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
 Architect—Walter Falch, Hearst Bldg., San Francisco.

**Low Bidder—Peter Sartorio, 369 Pine St., San Francisco—\$35,628.**

Total bids follow:  
 Peter Sartorio, 369 Pine St., San Francisco—\$35,628.

Central Calif. Constr. Co., Inc., 115 Burrows St., San Francisco—\$37,933.

V. Maggiora Sons, Sausalito—\$39,950.

De Luca & Son, Inc., 1745 Filbert St., San Francisco—\$40,848.

Leibert & Trobeck, Albert Bldg., San Rafael—\$41,555.

Fred J. Early, Jr., 369 Pine St., San Francisco—\$43,413.

C. C. W. and H. H. Haun, 666 Mission St., San Francisco—\$46,230.

C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., San Francisco—\$48,279.

Alternate figures will be published tomorrow.

Bids held under advisement.

**Complete Bids**  
**ALTERATIONS** Cost, \$.....  
**MILL VALLEY, Marin Co., Calif.**

Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
 Architect—Walter Falch, Hearst Bldg., San Francisco.  
 Low Bidder—Peter Sartorio, 369 Pine St., San Francisco—\$35,628.

Bids were taken on the following Alternates:

- (1) Add on auditorium windows;
- (2) Deduct on shingles;
- (3) Add on Venetian blinds;
- (4) Add on awning windows;
- (5) Add on steel sash.

Complete bids follow:  
 Peter Sartorio, 369 Pine St., San Francisco—\$35,628. Alternates (1) \$25; (2) \$1004; (3) \$354; (4) \$1725; (5) \$3852.

Central California Constr. Co., Inc., 115 Burrows St., San Francisco—\$37,933; (1) \$615; (2) \$1015; (3) \$252; (4) \$1300; (5) \$3400.

V. Maggiora Sons, Sausalito—\$39,950; (1) \$500; (2) \$1000; (3) \$500; (4) \$1700; (5) \$4500.

De Luca & Son, Inc., 1745 Filbert St., San Francisco—\$40,848; (1) \$500; (2) \$1000; (3) \$400; (4) \$1500; (5) \$3800.

Leibert & Trobeck, Albert Bldg., San Rafael—\$41,555; (1) \$350; (2) \$1000; (3) \$453; (4) \$1200; (4) \$3,484.

Fred J. Early, Jr., 369 Pine Street, San Francisco—\$43,413; (1) \$700; (2) \$1000; (3) \$500; (4) \$1900; (5) \$4250.

C. C. W. and H. H. Haun, 666 Mission St., San Francisco—\$46,230; (1) \$725; (2) \$1020; (3) \$675; (4) \$1850; (5) \$4950.

C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., San Francisco—\$48,279; (1) \$339; (2) \$1024; (3) \$459; (3) \$3003.

Two low bids held under advisement.

**IF—BANKS, STORES AND OFFICES**

**Plans Being Figured - Bids Close**  
 October 29, 5 P. M.

**ALTERATIONS** Est. Cost, \$30,000  
**SAN FRANCISCO, 838 Market St.**  
 Alterations to store entrance and store.

Owner—Sommer & Kaufmann, Inc. Architect—A. H. Williams, 261 Post.

MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., is figuring plans and desires sub bids on all portions of the work.

**Contract Awarded**  
**MARKET** Cost, \$6,000  
**SAN FRANCISCO, NE 22nd and Guerrero Sts.**

One-story frame market building. Owner—Mrs. Kuch, c/o Contractor. Engineer—W. H. Ellison, Pacific Bldg.

Contractor—J. S. Malloch, 668 Mission St.

**Contract Awarded**  
**MARKET BLDG.** Est. Cost, \$12,000  
**SAN MATEO, Calif Ellsworth Ave.**  
 bet 2nd and 3rd Avenues.

One-story reinforced concrete market building. Owner—Purity Stores, Ltd., Kearny and Francisco Sts., San Francisco (Mr. Nevin, Mgr.).

Architect—S. A. Lesswing, 88 Marina Drive, San Rafael.

Contractor—Younger Bros. Inc., Cheda Bldg., San Anselmo.

**COMPLETING PLANS**  
**GLENDALE, Los Angeles Co., Calif.**

—Architect Erwood P. Eiden, 106 E. Wilson St., Glendale, is completing plans for a 1-story and part 3-story reinf. concr. and steel laboratory and office building on Grandview, between San Fernando Road and West Glenoaks Ave., Glendale, for Don Baxter, Inc., 1505 Gardena, Glendale. The building will be erected by the owners, who have retained Grant & Bergeson Bldg., Los Angeles, as consulting engineers and manager of construction. Cost, \$100,000. Work will start about Nov. 1.



**Bid Opening Date Postponed Until**  
November 2, 10 A. M.  
**STORE BLDG.** Cost, \$135,000  
**BURLINGAME**, San Mateo Co., Cal.  
1408 Burlingame Ave., bet. Primrose  
Bd. and 21st Camino Real.  
Three-story, basement and mezzanine,  
reinforced concrete and brick store  
building (approx. 55 x 140 ft.).  
Owner—Mrs. May E. Bridge, San  
Francisco.  
Lessee—Montgomery, Ward & Co.  
Civil Engineer—Robert R. Roe.  
Plans by Eng. Dept. of Lessee, Chicago  
Office.  
Manager of Construction—J. C. Dou-  
cha, Oakland.  
Opening date postponed from Oct.  
26.

**Additional Sub Contracts Awarded**  
**ALTERATIONS** Cost, \$306,000  
**SAN FRANCISCO**. Claus Spreckels  
Bldg., Third and Market Streets.  
Alterations and additions to Claus  
Spreckels Bldg., consisting of the  
removal of the present four-story  
dome and addition of seven new  
floors, complete new lobby and  
exterior modernization of building.  
Owner—The Pacific States Savings  
& Loan Company.  
Architect—Albert F. Roller, Crocker  
First National Bank Bldg.  
Engineer—H. J. Brunner, Sharon  
Building.  
Contractor—P. J. Walker Co., Sharon  
Building.  
**Stone Work**—California Cut Stone  
& Granite Works, Railroad and Mag-  
nolia Ave., So. San Francisco.  
**Plastering**—J. P. Marconi, 1737  
Beach St.  
**Masonry**—Wm. A. Rainey & Son,  
323 Clementina St.  
**Marble**—Vermont Marble Co., 525  
Market St.  
**Misc. Iron**—Michel & Pfeffer Iron  
Works, Inc., 10th and Harrison Sts.  
**Interior**—T. Malott & Peterson,  
242 Harrison St.  
**Hollow Metal**—Forderer Cornice  
Works, 269 Potrero Ave.  
**Roofing**—Alta Roofing Co., 976 In-  
diana Street.

**Terrazzo**—California Terrazzo Mar-  
ble Co., 2085 San Bruno Ave.  
**Milk Work**—Lannon Bros. Mfg. Co.,  
5th and Magnolia Sts., Oakland.  
**Sheet Metal**—George A. Wieland,  
1133 Howard St.  
**Steel Rolling Doors**—Kinnear Mfg.  
Co., 361 Brannan St.  
**Glass and Glazing**—Habenicht and  
Howlett, 529 Clay St.  
**Painting**—D. Zelinsky & Sons, Inc.,  
165 Grove St.  
**Electric Fixtures**—Folsom Electric  
Supply Co., 1585 Folsom St.  
As previously reported:

**Steel Work**—Lannon Bros. Mfg. Co.,  
5th and Magnolia Sts., Oakland.  
**Structural Steel**—Western Iron Works, 141  
Beale St.; Plumbing and Heating—  
Frank Davison, Ltd., 65 Chesley St.;  
**Electric Wiring**—Radeflinger Bros.,  
544 Natoma St.; Terra Coita—Glad-  
ding, McBean & Co., 660 Market St.  
All of San Francisco, unless other-  
wise noted.

**Plans Being Figured — Bids Close**  
November 9, 10 A. M.  
**STORE BUILDING** Cost, \$50,000  
**VISALIA**, Tulare Co., Calif. 206-212  
West Main St.  
One-story, basement and mezzanine  
Class B store building, containing  
approximately 36,000 sq. ft.  
Owner—Montgomery, Ward & Co.  
(R. H. Fogler, Vice-Pres.).  
Plans by Eng. Dept. of Owner.  
Plans are being figured by a se-  
lected list of contractors.

**LOW BIDDER**  
VENTURA, Calif. — Schoenberger  
Bros., 1640 Obispo Ave., Long Beach,

submitted low bid for a one-story  
frame and stucco office building (40  
x 50 ft.), and a frame and corrugated  
iron garage (30 x 127 ft.), to be built  
on Ventura Avenue, Ventura, for  
Schlumberger Well Surveying Corp.  
Francis H. Gentry, engineer, Jergins  
Trust Bldg., Long Beach.

**Planned**  
**STORE BLDG.** Cost, \$.....  
FRESNO, Calif.  
Rebuild fire loss estimated at \$120,-  
000 with modern structure.  
Insurance adjustment pending.  
Owner—Barrett-Hicks, 1031 Broad-  
way.  
Architect—Not given.

## 17— THEATRES

**Preparing Preliminary Plans**  
**THEATER** Cost, \$14,000  
**FIREBAUGH**, Fresno Co., Calif.  
Frame and stucco theater to seat 500  
persons, pumitile front.  
Owner—Withheld.  
Architect—Edward Glass, Mattel  
Bldg., Fresno.

**TO AWARD CONTRACT**  
**BAKERSFIELD**, Kern Co., Cal.—  
Clinton E. Worden Co., Fred A.  
Sonic, agent, Bakersfield, will award  
a contract within a few days for re-  
modeling the Bakersfield Opera  
House. Structural changes will be  
made to the building, the balcony  
will be removed and new seats and  
an air conditioning system will be  
installed.

**Preparing Working Drawings**  
**THEATRE** Cost, \$.....  
**ALAMEDA CO.**, Calif. Near Hay-  
ward.  
New theatre building to seat 300 per-  
sons.  
Owner—Withheld.  
Architect—George Patton Simonds,  
60 Main St., Hayward.  
Upon completion of plans general  
figures will be asked.

## 19—MISC. CONSTRUCTION

**Contract Awarded**  
**ADDITION** Cont. Pr. \$54,560  
**OAKLAND**, Alameda Co., Calif. 2361  
E. 29th St.  
Two-story addition to conform with  
present architecture.  
Owner—Salem Lutheran Home, 2361  
E. 29th St.  
Architect—Henry H. Guttererson, 526  
Powell St., San Francisco.  
Contractor—Emil Peterson, 829 San  
Luis Road, Berkeley.

### LOW BIDDER

**BENTON CO.**, Wash.—Roberts &  
Broad, 1424 W. 13th St., Spokane, at  
\$34,995.75, submitted low bid to the  
Benton Rural Electric Association,  
Prosser, Wash., for the construction  
of about 40 miles electrical distribu-  
tion system, Benton Co., Wash. Es-  
timated cost, \$45,000.

**Preparing Preliminary Plans**  
**SWIMMING POOL** Cost, \$.....  
**HANFORD**, Kings Co., Calif.  
Municipal swimming pool of rela-  
tively concrete construction (50  
x 110 ft.), lockers and dressing  
rooms.  
Owner—City of Hanford.  
Architect—David H. Horn, Rowell  
Bldg., Fresno.

### BIDS WANTED

**SAN FRANCISCO**—Until Nov. 22,  
3 p. m., bids will be received by the  
U. S. Engineer Office, 401 Custom  
House, San Francisco, under Bid No.  
865-38-58, for constructing and deliv-  
ering one complete diesel electric

generating and distributing plant;  
i. o. b. Fort Funston, San Francisco  
County.

Work involves:  
(1) Power plant, consisting of the  
generating sets and auxiliary  
equipment, enumerated below:  
(a) 3 generating sets, 100 kw,  
DC, 125-volt, diesel engine  
driven;  
(b) 1 generating set, 35 kw, DC,  
125-volt, diesel engine driven;  
(c) 1 switchboard, dead front  
type, to consist of control and  
distribution panels;  
(d) One lot misc. equipment;  
(2) Erector service at point of in-  
stallation.  
Plans and specifications may be  
obtained from the above office. \*

### BIDS WANTED

**SACRAMENTO**, Calif.—Until Nov.  
12, 8:35 p. m., bids will be received by  
the Sacramento City Council, City  
Hall, Sacramento, for the construction  
of a structural steel trussing  
tower to be used in an instruction  
course for recruits in the City fire  
department. Estimated cost, \$5,000.  
Plans and specifications may be  
obtained from the above office.

### CONTRACT AWARDED

**BENTON CO.**, Wash.—Roberts &  
Broad, 1424 W. 13th St., Spokane, at  
\$34,995.75, was awarded contract by  
the Benton Rural Electric Association,  
Prosser, Wash., for the con-  
struction of about 4 miles electrical  
distribution system, Benton County,  
Wash. Estimated cost, \$45,000.

Bids were taken on:  
(1) Copperweld throughout;  
(2) Copper main line and copper-  
weld branches;  
(3) Aluminum throughout ACSR.  
Total bids follow:  
Roberts & Broad, 1424 W. 13th St.,  
Spokane — (1) \$36,314.31; (2) \$34,-  
988.04; (3) \$34,995.57.  
Huenergard, Portland, Ore. — (1)  
\$37,661.61; (2) \$36,181.78; (3) \$37,-  
575.52.

NePage-McKenny, Seattle, Wash. —  
(1) \$38,620.44; (2) \$36,157.84; (3)  
\$35,325.46.

S. S. Montague, Portland—(1) \$44,-  
411.08; (2) \$43,304.08; (3) \$42,108.52.

### BIDS WANTED

**TIJOLUME CO.**, Calif.—Until No-  
vember 15, 2 p. m., bids will be re-  
ceived by the Tiujolome County Bd.  
of Supervisors, C. A. Dambacher,  
County Clerk, Sonora, for delivering  
and stockpiling 2000 tons of crushed  
rock or gravel.  
Plans and specifications may be  
obtained from the above office. \*

### Contract Awarded

**CREMATORIUM, ETC.** Est. Cost, \$20,000  
**SONOMA CO.**, Cal., near Santa Rosa,  
Hearn Ave. and Redwood High-  
way.  
Crematorium, columbarium and mau-  
soleum.  
Owner Withheld.  
Architect—Lazer Nusbaum, 9 Geary  
St., San Francisco.

Contractor—Wm. D. Rapp, 1413 17th  
St., Santa Rosa.

### Completing Plans

**ADDITION** Est. Cost, \$10,000  
**SONOMA CO.**, nr. Guerneville, Kor-  
nel Ransel.  
Two-story concrete addition to win-  
ery.  
Owner—Korbel & Bros.  
Architect—John Easterly, Healdsburg  
and Santa Rosa.  
Bids will be asked within a few  
days.

### BIDS OPENED

**LOS ANGELES**, Calif.—Following  
Water District, Los Angeles, under

submitted bids to the Metropolitan Spec. 241, for fabricating and furnishing steel panels for use as control boards at the Colorado River Aqueduct pumping plants and for mounting and wiring equipment thereon.

The Schedules and Items are:

#### SCHEDULE 1

Furnishing steel panels for Intake pumping plant.

- (1) one main control bench with relay panels;
- (2) one secondary relay panel;
- (3) three auxiliary control cubicles;
- (4) one direct current control board;
- (5) one station service rack control panel;
- (6) one 460-volt power and 115-volt lighting distribution board;
- (7) one gate control and indicating board;
- (8) one temperature indicating board;
- (9) one battery switchboard;
- (10) three lubricating oil system relay panels;
- (11) one station service and stand-by generator board;

#### SCHEDULE 2

Furnishing steel panels for Gene pumping plant.

- (1) one main control bench with relay panels;
- (2) one secondary relay panel;
- (3) three auxiliary control cubicles;
- (4) one direct current control board;
- (5) one station service rack control panel;
- (6) one 460-volt power and 115-volt lighting distribution board;
- (7) one gate control and indicating board;
- (8) one temperature indication board;
- (9) one battery switchboard;
- (10) three lubricating oil system relay panels;
- (11) one station service and stand-by generator board.

#### SCHEDULE 3

Furnishing steel panels for Iron Mountain pumping plant.

- (1) one main control bench with relay panels;
- (2) one secondary relay panel;
- (3) three auxiliary control cubicles;
- (4) one direct current control board;
- (5) one station service rack control panel;
- (6) one 460-volt power and 115-volt lighting distribution board;
- (7) one gate control and indicating board;
- (8) one temperature indicating board;
- (9) one battery switchboard;
- (10) three lubricating oil system relay panels;
- (11) one station service and stand-by generator board;

#### SCHEDULE 4

Furnishing steel panels for Eagle Mountain pumping plant.

- (1) one main control bench with relay panels;
- (2) one secondary relay panel;
- (3) three auxiliary control cubicles;
- (4) one direct current control board;
- (5) one station service rack control panel;
- (6) one 460-volt power and 115-volt lighting distribution board;
- (7) one gate control and indicating board;
- (8) one temperature indicating board;
- (9) one battery switchboard;
- (10) three lubricating oil system relay panels;
- (11) one station service and stand-

by generator board.

#### SCHEDULE 5

Furnishing steel panels for Hayfield pumping plant.

- (1) one main control bench with relay panels;
- (2) one secondary relay panel;
- (3) three auxiliary control cubicles;
- (4) one direct current control board;
- (5) one station service rack control panel;
- (6) one 460-volt power and 115-volt lighting distribution board;
- (7) one gate control and indicating board;
- (8) one temperature indicating board;
- (9) one battery switchboard;
- (10) three lubricating oil system relay panels;
- (11) one station service and stand-by generator board.

#### SCHEDULE 6

Schedule of prices for mounting equipment on and wiring control boards for Intake pumping plant.

- (1) mounting equip on and wiring one main control bench with relay panels;
- (2) mounting equip on and wiring one secondary relay panel;
- (3) mounting equip on and wiring 3 auxiliary control cubicles;
- (4) mounting equip on and wiring one direct current control board;
- (5) mounting equip on and wiring one station service rack control panel;
- (6) mounting equip on and wiring one 460-volt power and 115-volt lighting distribution board;
- (7) mounting equip on and wiring one gate control and indicating board;
- (8) mounting equip on and wiring one temperature indicating brd.;
- (9) mounting equip on and wiring one battery switchboard;
- (10) mounting equip on and wiring 3 lubricating oil system relay panels;
- (11) mounting equip on and wiring one station service and stand-by generator board.

#### SCHEDULE 7

Schedule of prices for mounting equipment on and wiring control boards for Gene pumping plant.

- (1) mounting equip on and wiring one main control bench with relay panels;
- (2) mounting equip on and wiring one secondary relay panel;
- (3) mounting equip on and wiring 3 auxiliary control cubicles;
- (4) mounting equip on and wiring one direct current control brd.;
- (5) mounting equip on and wiring one station service rack control panel;
- (6) mounting equip on and wiring one 460-volt power and 115-volt lighting distribution board;
- (7) mounting equip on and wiring one gate control and indicating board;
- (8) mounting equip on and wiring one temperature indicating brd.;
- (9) mounting equip on and wiring one battery switchboard;
- (10) mounting equip on and wiring 3 lubricating oil system relay panels;
- (11) mounting equip on and wiring one station service and stand-by generator board.

#### SCHEDULE 8

Schedule of prices for mounting equip on and wiring control boards for Iron Mountain pumping plant.

- (1) mounting equip on and wiring one main control bench with relay panels;
- (2) mounting equip on and wiring one secondary relay panel;
- (3) mounting equip on and wiring

- 3 auxiliary control cubicles;
- (4) mounting equip on and wiring one direct current control board;
- (5) mounting equip on and wiring one station service rack control panel;
- (6) mounting equip on and wiring one 460-volt power and 115-volt lighting distribution board;
- (7) mounting equip on and wiring one gate control and indicating board;
- (8) mounting equip on and wiring one temperature indicating brd.;
- (9) mounting equip on and wiring one battery switchboard;
- (10) mounting equip on and wiring 3 lubricating oil system relay panels;
- (11) mounting equip on and wiring one station service and stand-by generator board.

#### SCHEDULE 9

Schedule of prices for mounting equip on and wiring control boards for Eagle Mountain pumping plant.

- (1) mounting equip on and wiring one main control bench with relay panels;
- (2) mounting equip on and wiring one secondary relay panel;
- (3) mounting equip on and wiring 3 auxiliary control cubicles;
- (4) mounting equip on and wiring one direct current control brd.;
- (5) mounting equip on and wiring one station service rack control panel;
- (6) mounting equip on and wiring one 460-volt power and 115-volt lighting distribution board;
- (7) mounting equip on and wiring one gate control and indicating board;
- (8) mounting equip on and wiring one temperature indicating brd.;
- (9) mounting equip on and wiring one battery switchboard;
- (10) mounting equip on and wiring 3 lubricating oil system relay panels;
- (11) mounting equip on and wiring one station service and stand-by generator board.

#### SCHEDULE 10

Schedule of prices for mounting equipment on and wiring control boards for Hayfield pumping plant.

- (1) mounting equip on and wiring one main control bench with relay panels;
- (2) mounting equip on and wiring one secondary relay panel;
- (3) mounting equip on and wiring three auxiliary control cubicles;
- (4) mounting equip on and wiring one direct current control brd.;
- (5) mounting equip on and wiring one station service rack control panel;
- (6) mounting equip on and wiring one 460-volt power and 115-volt lighting distribution board;
- (7) mounting equip on and wiring one gate control and indicating board;
- (8) mounting equip on and wiring one temperature indicating brd.;
- (9) mounting equip on and wiring one battery switchboard;
- (10) mounting equip on and wiring three lubricating oil system relay panels;
- (11) mounting equip on and wiring one station service and stand-by generator board.

#### SCHEDULE 11

- Deduction for combined award.
- (12) If awarded all the Schedules 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10, the bidder agrees that the District may deduct from the total of the prices named for the several items of said schedules.

Total bids follow:  
 (A) Ferry Elec. Co., 2029 8th Ave., Los Angeles;

SCHEDULE

- (1) no bid;
- (2) no bid;
- (3) no bid;
- (6) \$426.62, incl sales tax; disc 1%; f.o.b. 1866 W. Washington, Los Angeles;
- (7) \$4709.09, incl sales tax; disc 1%; f.o.b. 1866 W. Washington, Los Angeles;
- (8) \$4308.94, incl sales tax; disc 1%; f.o.b. 1866 W. Washington, Los Angeles;
- (9) \$4226.20, incl sales tax; disc 1%; f.o.b. 1866 W. Washington, Los Angeles;
- (10) \$4226.20, incl sales tax; disc 1%; f.o.b. 1866 W. Washington, Los Angeles;

(11) no bid.  
(B) Quality Elec. Co., Ltd., 1235 E. Olympic Blvd., Los Angeles:

SCHEDULE

- (1) no bid;
- (2) no bid;
- (3) no bid;
- (4) no bid;
- (5) no bid;
- (6) \$3750.60, incl sales tax; no disc; f.o.b. Los Angeles;
- (7) \$3915.75, incl sales tax; no disc; f.o.b. Los Angeles;
- (8) \$3708.95, incl sales tax; no disc; f.o.b. Los Angeles;
- (9) \$3718.65, incl sales tax; no disc; f.o.b. Los Angeles;
- (10) \$3700.60, incl sales tax; no disc; f.o.b. Los Angeles;
- (11) no bid.

(C) Westinghouse Elec. & Mfg. Co., 1 Montgomery St., San Francisco:

SCHEDULE

- (1) \$124.51, incl sales tax; no disc; f.o.b. Emeryville, Calif.
- (2) \$8413.04, incl sales tax; no disc; f.o.b. Emeryville, Calif.
- (3) \$7112.15, incl sales tax; no disc; f.o.b. Emeryville, Calif.
- (4) \$7101.85, incl sales tax; no disc; f.o.b. Emeryville, Calif.
- (5) \$7101.85, incl sales tax; no disc; f.o.b. Emeryville, Calif.
- (6) \$14,381, incl sales tax; no disc; f.o.b. Emeryville, Calif.; (1) and (10) remainder f.o.b. Los Angeles.
- (7) \$16,245, incl sales tax; no disc; f.o.b. Emeryville, Calif.; (1) and (10), etc.
- (8) \$13,914, incl sales tax; no disc; f.o.b. Emeryville, (1) and (10), etc.
- (9) \$13,557.30, incl sales tax; no disc; f.o.b. Emeryville, Calif.; (1) and (10), etc.
- (10) \$14,063.35, incl sales tax; no disc; f.o.b. Emeryville, Calif.; (1) and (10), etc.
- (11) Combination of all schedules deducible \$7990. Will accept Sch. 1 to 5 incl, or Sch. 1 to 10, incl.; will not accept Sch. 6 to 10 only.

(D) Technical Products Co., Inc., 6670 Lexington Ave., Los Angeles:

SCHEDULE

- (1) \$5811.26, incl sales tax; 1/2 of 1%; f.o.b. Los Angeles;
- (2) \$2670.08, incl sales tax; 1/2 of 1%; f.o.b. Los Angeles;
- (3) \$5811.26, incl sales tax; 1/2 of 1%; f.o.b. Los Angeles;
- (4) \$5811.26, incl sales tax; 1/2 of 1%; f.o.b. Los Angeles;
- (5) \$5811.26, incl sales tax; 1/2 of 1%; f.o.b. Los Angeles;
- (6) no bid;
- (7) no bid;
- (8) no bid;
- (9) no bid;
- (10) no bid;
- (11) no bid.

(E) Square D Co., 1320 E 16th St., Los Angeles:

SCHEDULE

- (1) \$5967.52, incl sales tax; no disc; f.o.b. Los Angeles;
- (2) \$6509.60, incl sales tax; no disc; f.o.b. Los Angeles;

- (3) \$6919.32, incl sales tax; no disc; f.o.b. Los Angeles;
- (4) \$6054.34, incl sales tax; no disc; f.o.b. Los Angeles;
- (5) \$5989.45, incl sales tax; no disc; f.o.b. Los Angeles;
- (6) \$4084.98, incl sales tax; no disc; f.o.b. Los Angeles;
- (7) \$4559.81, incl sales tax; no disc; f.o.b. Los Angeles;
- (8) \$4223.00, incl sales tax; no disc; f.o.b. Los Angeles;
- (9) \$4205.49, incl sales tax; no disc; f.o.b. Los Angeles;
- (10) \$4189.01, incl sales tax; no disc; f.o.b. Los Angeles;
- (11) Combination award, deduct \$5,934.70; sales tax \$178.04; total \$6112.74.

The unit bids were:

SCHEDULE 1

	(A)	(B)	(C)	(D)	(E)
(1)	\$	\$	\$2035	\$1267	\$1530
(2)	.....	.....	388	285	197
(3)	.....	.....	1355	395	411
(4)	.....	.....	399	391	453
(5)	.....	.....	267	210	162
(6)	.....	.....	688	475	782
(7)	.....	.....	140	105	106
(8)	.....	.....	532	594	345
(9)	.....	.....	487	392	393
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	322

SCHEDULE 2

(1)	.....	.....	2460	1267	1670
(2)	.....	.....	408	285	229
(3)	.....	.....	1355	395	412
(4)	.....	.....	399	391	457
(5)	.....	.....	323	230	186
(6)	.....	.....	965	595	788
(7)	.....	.....	438	436	258
(8)	.....	.....	532	594	350
(9)	.....	.....	752	615	542
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	334

SCHEDULE 3

(1)	.....	.....	2160	1267	1542
(2)	.....	.....	380	285	194
(3)	.....	.....	1355	395	412
(4)	.....	.....	399	391	452
(5)	.....	.....	218	210	182
(6)	.....	.....	688	475	788
(7)	.....	.....	140	105	111
(8)	.....	.....	532	594	347
(9)	.....	.....	487	392	393
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	329

SCHEDULE 4

(1)	.....	.....	2160	1267	1582
(2)	.....	.....	370	285	183
(3)	.....	.....	1355	395	412
(4)	.....	.....	399	391	452
(5)	.....	.....	218	210	182
(6)	.....	.....	688	475	788
(7)	.....	.....	140	105	111
(8)	.....	.....	532	594	347
(9)	.....	.....	487	392	393
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	334

SCHEDULE 5

(1)	.....	.....	2160	1267	1524
(2)	.....	.....	370	285	183
(3)	.....	.....	1355	395	412
(4)	.....	.....	399	391	452
(5)	.....	.....	218	210	182
(6)	.....	.....	688	475	788
(7)	.....	.....	140	105	111
(8)	.....	.....	532	594	347
(9)	.....	.....	487	392	393
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	329

SCHEDULE 6

	(A)	(B)	(C)	(D)	(E)
(1)	\$906.06	\$1028.25	\$750.00	\$	\$110
(2)	.....	.....	196	119	119
(3)	.....	.....	1355	395	412
(4)	.....	.....	399	391	452
(5)	.....	.....	218	210	182
(6)	.....	.....	688	475	788
(7)	.....	.....	140	105	111
(8)	.....	.....	532	594	347
(9)	.....	.....	487	392	393
(10)	.....	.....	232	126	90
(11)	.....	.....	314	360	329

SCHEDULE 7

(1)	906.06	1028.25	6545	1030	
(2)	276.00	200.50	724	146	

(3)	335.78	246.25	2585	330	
(4)	293.50	205.50	1203	258	
(5)	241.41	148.00	431	317	
(6)	603.26	368.60	2162	549	
(7)	222.20	55.00	517	284	
(8)	251.54	270.00	620	225	
(9)	355.60	177.70	638	296	
(10)	84.22	43.00	234	43	
(11)	297.11	282.45	502	203	

SCHEDULE 8

(1)	906.06	1028.25	5225	1019	
(2)	82.50	28.25	300	44	
(3)	335.78	246.25	2585	330	
(4)	293.50	205.50	1203	258	
(5)	241.41	148.00	431	317	
(6)	603.26	368.60	2162	549	
(7)	83.60	55.00	182	158	
(8)	245.54	270.00	620	220	
(9)	285.72	260.50	479	228	
(10)	84.22	43.00	234	43	
(11)	297.11	264.50	416	186	

SCHEDULE 9

(1)	906.06	1028.25	5170	1031	
(2)	.....	.....	20.00	.....	
(3)	335.78	246.25	2585	330	
(4)	293.50	205.50	1203	258	
(5)	241.41	148.00	431	317	
(6)	603.26	368.60	2162	549	
(7)	83.60	55.00	182	158	
(8)	245.54	270.00	620	220	
(9)	285.72	160.50	479	228	
(10)	84.22	43.00	234	43	
(11)	297.11	282.45	416	203	

SCHEDULE 10

(1)	906.06	1028.25	5676	1032	
(2)	.....	.....	20.00	.....	
(3)	335.78	246.25	2585	330	
(4)	293.50	205.50	1203	258	
(5)	241.41	148.00	431	317	
(6)	603.26	368.60	2162	549	
(7)	83.60	55.00	182	158	
(8)	245.54	270.00	620	220	
(9)	285.72	160.50	479	228	
(10)	84.22	43.00	234	43	
(11)	297.11	264.50	416	186	

20— MISC. SUPPLIES AND MATERIALS

**BIDS WANTED**  
RIVERSIDE, Cal.—Until Nov. 2, 10:30 a. m., bids will be received by Riverside city council, G. Albert Mills, City Clerk, for 5000 bbls. portland cement in paper sacks for period of one year.

**BIDS OPENED**  
LONG BEACH, Los Angeles Co., Cal.—The following submitted bids to the Long Beach City Manager, R. M. Dorton, for furnishing vit. clay sewer pipe, as follows:  
(1) 3500 to 6966 ft. 6-in. std. strength,  
(2) 2000 to 4000 ft. 8-in. std. strength,  
(3) 628 ft. 21-in. extra strength,  
(4) 20 pcs 27-in. extra strength, each piece cut for 6-in. stub,  
(5) 32 pcs 18x6-in. extra strength wyes.

The bids were:  
Gladning-McBean & Co.—(1) \$223, (2) \$29, (3) \$201, (4) \$9.80, (5) \$7.57  
Pacific Clay Prod.—(1) \$223, (2) \$29, (3) \$201, (4) \$8.33, (5) \$7.57  
L. A. Brick & Clay Prod.—(1) \$241, (2) \$309, (3) \$2073, (4) \$10.09, (5) \$8.11.

**CONTRACT AWARDED**  
BOULDER CANYON PROJECT, Eagle Electric Supply Co., Inc., Boston, Mass., at \$46,966.40, was awarded contract by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. No. 959-D, for insulated cable for installation in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada, f.o.b. Boulder City, Nev.

**CONTRACT AWARDED**  
SAN FRANCISCO, Calif.—Pacific Portland Cement Co., 111 Sutter St., San Francisco, at \$191,410.66 bid, 10th

prox. was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 565-88-57, for furnishing 500 bbls. Portland cement: f.o.b. reservoir site.

1000 bbls. Baena Isiano

Portland cements follow:  
 Pacific Portland Cement Co., 111 Market St., San Francisco—\$1160 (100 cbbbl. 10th prox.)  
 Calvegas Cement Co., San Fran-

cisco—\$1160 (10c bbl. 10th prox).  
 Santa Cruz Portland Cement Co., San Francisco—\$1160 (10 cbbbl. 10th prox.)  
 John Cassaretto Co.—\$1625 2% 30 days.

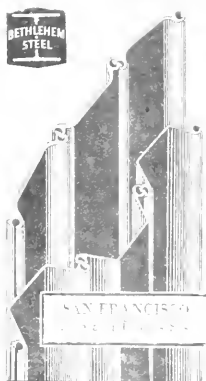
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FABRICATING WORKS at Alameda and Los Angeles.

DISTRICT OFFICES at San Francisco, Los Angeles, Seattle, Portland, Salt Lake City, Honolulu.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| 21.—Bridges                           | 26.—Reservoirs and<br>Dams       |
| 22.—Dredging, Harbor<br>Works, Excav. | 31.—Gas Lines and<br>Wells       |
| 23.—Irrigation Proj.                  | 32.—Sewers & Sewage<br>Equipment |
| 24.—St. Light. Systems                | 33.—Water Works                  |
| 25.—Machinery and<br>Equipment        | 34.—Parks & Plea-<br>sures       |
| 26.—Fire Alarm Syst.                  | 35.—Tunnels                      |
| 27.—Electric Equip-<br>ment           |                                  |
| 28.—Streets & High-<br>ways           |                                  |

## 21— BRIDGES

## COMPLETE BIDS

PIERCE COUNTY, Washington.—  
Sam Orino, Bonneville, at \$64,822.50, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for the construction of a 78-ft. span, filled sandpile, stone faced, reinforced concrete arch bridge over Deer Creek grading, with 928-ft. mile approach grading, Mt. Rainier National Park, East Side Highway Project 5-D, Deer Creek Bridge and Approach Grading, Mt. Rainier National Park, Pierce County, Wash.

Total bids follow:  
Sam Orino, Bonneville.....\$64,822.50  
Commercial Const. Co., Spokane 73,516.00  
A. C. Greenwood Co. Inc.,  
Portland.....74,203.00  
The Mirene Co., Portland.....77,067.20

## CONTRACT AWARDED

SAN JOAQUIN & SACRAMENTO COES., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$88,602, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of two reinforced concrete and steel bridges across Dry Creek about one mile east of Galt; one consisting of seven 22 ft. 0 in. spans, one 15 ft. 0 in. span, and two 7 ft. 6 in. spans; the other consisting of thirty-four 22 ft. 0 in. spans, five 15 ft. 0 in. spans, and two 7 ft. 6 in. spans, all supported by reinf. concr. pile bents, San Joaquin and Sacramento Counties.

## CONTRACT AWARDED

TUOLUMNE CO., Calif.—Booker & Stephenson, Box 111, Jamestown, at \$170,775, submitted low bid and was awarded contract by the Tuolumne County Board of Supervisors, C. A. Dambacher, County Clerk, Sonora, for the construction of an I-beam concrete bridge across Cistus Creek, Tuolumne County.  
W. E. Wright, Sonora, at \$175,418, submitted the only other bid.

## BIDS WANTED

SAN LUIS OBISPO CO., Calif.—Until Nov. 17, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder crossing over the tracks of the Southern Pacific Railroad about 6 miles north of San Luis Obispo, consisting of two 59-ft. 0-in. spans, two 50-ft. 3-in. spans, four 45-ft. 4-in. spans, and two 32-ft. 6-in. spans.

Work involves:

- (1) 2,700 c.y. struc. excav.;
- (2) 413,000 lbs. bar reinf. steel;
- (3) 2,300 c.y. class A portland cement concrete struc.;
- (4) 32 c.y. class A portland cement concrete railing;
- (5) 16,000 lbs. misc. steel;
- (6) 40 lf. 8-in. CMP;
- (7) 80 lf. 18-in. CMP;
- (8) 1 each, spillway assembly;
- (9) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. \*

## CONTRACT AWARDED

LOS ANGELES, Cal.—L. W. Odell, 647 Drexel Ave., Los Angeles, was awarded a contract by the Union Pacific Ry. for the concrete substructures (piers and abutments) for a single-track, through-plate-girder bridge to be constructed across the Los Angeles River at a point north of Broadway St. It will be approximately 320 ft. long and will be built on a 10-degree curve. The structure will be used as a means of carrying passenger traffic between the new Union Terminal and the Union Pacific tracks, east of the river. Plans for the str. for the bridge superstructure are now being figured, bids to be returned to the Union Pacific on November 5.

## COMPLETE BIDS

SAN DIEGO CO., Calif.—V. R. Dennis Constr. Co., 3911 5th Avenue, San Diego, at \$14,205.30, submitted low bid to the State Highway Dept., 1365 Harbor Blvd., San Diego, for construction of a timber bridge and approaches in San Diego County on San Felipe Creek, about 11.8 miles east of Julian (N.C.S.D.-188-E.F.).

The work involves:

- (1) 750 c.y. struc. excav.;
- (2) 300 c.y. channel excav.;
- (3) 2000 c.y. imported borrow in place;
- (4) 10 sta. finishing roadway;
- (5) 2 tons liq. asphalt, SC-2, in place (prime coat);
- (6) 12 tons liq. asphalt, SC-2, in place (road mix surf. treatment);
- (7) 1900 sq. yds. prepare, mix, and shape roadbed;
- (8) 70 ft. existing pipe culverts removed, cleaned and salvaged or disposed of;
- (9) 220 ft. bank protection fence in place, type A;
- (10) 130 ft. bank protection fence in place, type B;
- (11) 355 ft. bank protection fence in place, type C;
- (12) 50 ft. bank protection fence in place, type D;
- (13) 900 c.y. rock filling material, in place.

- (14) 11,000 lbs. bar reinf. steel, in place;
- (15) 68 c.y. class A cement concrete, in place;
- (16) 27 MFBM treated Douglas Fir timber, in place;
- (17) 280 ft. timber railing, in place;
- (18) 792 ft. furnishing treated Douglas Fir piles;
- (19) 44 driving treated Douglas Fir piles, in place;
- (20) 2 clearance markers complete, in place;
- (21) 7 monuments complete, in place.

Total bids follow:

(A) V. R. Dennis, Constr. Co., 3911 5th Ave., San Diego—\$14,205.30

(B) R. E. Hazard & Son, San Diego—\$16,295.

(C) E. G. Carroll, San Diego—\$16,724.10

(D) Valley Constr. Co., San Jose—\$19,257.

(E) W. R. Shriver, Los Angeles—\$30,039.56

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 0.55	\$ 0.90	\$ 0.90	\$ 2.00	\$ 1.40
(2)	.30	.50	.50	1.00	.70
(3)	.30	.55	.60	.80	.60
(4)	10.00	6.00	6.00	10.00	14.00
(5)	30.00	30.00	16.00	25.00	14.00
(6)	16.00	20.00	16.00	25.00	14.00
(7)	.08	.08	.10	.15	.22
(8)	.30	.50	.60	1.00	.70
(9)	4.50	5.00	5.00	2.00	5.90
(10)	3.50	3.50	4.00	2.00	5.75
(11)	2.00	3.00	2.50	1.00	3.40
(12)	1.75	2.50	2.00	1.00	3.85
(13)	3.25	3.25	3.50	5.00	4.65
(14)	.06	.06	.07	.06	.084
(15)	25.00	30.00	23.00	30.00	23.80
(16)	105.00	109.00	110.00	140.00	154.00
(17)	3.50	3.00	4.00	2.00	2.80
(18)	.80	.75	.80	1.00	.98
(19)	11.00	20.00	30.00	30.00	18.75
(20)	7.00	9.00	10.00	5.00	20.00
(21)	3.50	3.00	4.00	5.00	3.00

## BIDS WANTED

MINERAL COUNTY, Montana.—Until November 5, 10:30 a.m., bids will be received by the U. S. Bureau of Public Roads, 242 Post Office Bldg., Missoula, Montana, for the construction of a steel and reinforced concrete bridge, 786 feet in length, over the Clark Fork River and tracks of the Northern Pacific Railway Company, and grading and surfacing approaches, Yellowstone Trail Highway Project 8-N1, O. National Forest Road Project, Mineral County, Montana.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

PACIFIC CO., Wash.—Until Nov. 18, 3 p.m., bids will be received by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-28-144, for repairing the north jetty and constructing a spur jetty, tramways and land trackage and the furnishing and placing of about 470,000 cu. yds. of jetty stone and 1700 cu. yds. of cement concrete at the mouth of the Columbia River, Pacific County, Wash.

Work involves:

- (1) 4 acres clearing;
- (2) 35,000 cu. embankment;
- (3) 20,000 cu. excav.;
- (4) 7,000 cu. fillst.;
- (5) 800 lf. removal of old tramway;
- (6) 87,000 lf. piling, Douglas fir, 16-in. butt, 12-in. top.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

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- (7) 4,500 l.f. piling, cut off, 16-in. butt, 12-in. top;  
 (8) 62,000 l.f. piling, Douglas fir, 14-in. butt, 16-in. top;  
 (9) 2,170 MFBM Douglas fir lumber;  
 (10) 54,000 lbs. bolts, drift;  
 (11) 62,000 lbs. bolts, machine, including washers;  
 (12) 46,000 lbs. spikes, ship and wire;  
 (13) 52,000 lbs. spikes, railroad;  
 (14) 700 tons of 2000 lbs. rails, steel, 75-lb. relay, including splice bars and bolts;  
 (15) 9 sets complete frogs and switches, complete, including guard rails stands, etc.;  
 (16) 43,000 l.f. cable, wire, not less than 3/4-in. diam.;  
 (17) 18,000 lbs. straps, steel;  
 (18) 20,000 lbs. tie plates;  
 (19) 7,300 each, anti-rail creepers;  
 (20) 1,260 each, metal pile shoes;  
 (21) 470,000 tons of 2000 lbs. stone;  
 (22) 1,700 cu. y. concrete;  
 (23) 12,000 lbs. concrete anchor chains;  
 (24) One Job installing track scales.

Plans and specifications may be obtained at the above office and at the U. S. Engineer's Office, 401 Custom House, San Francisco. \* 22

#### BIDS WANTED

LOS ANGELES, Cal.—Until November 3, 3:00 p.m., bids will be received by U. S. Engineer, Los Angeles, for construction of reinforced concrete slab structure for a light-tower, a concrete landing, and a concrete walkway all on W end of Los Angeles-Long Beach detached breakwater in Los Angeles Outer Harbor, furnished by the Government. Harbor, Circ. Prop. 86 Cement will

#### CONTRACT AWARDED

SAN FRANCISCO, Cal.—Smith, Rice Co., Inc., Pier No. 14, San Francisco, at \$895, submitted low bid and was awarded contract by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-35-52, for removing a submerged wreck from the San Francisco Bay, about one-half mile easterly from the mouth of San Rafael Creek. San Francisco Bridge Co., at \$1594, submitted only other bid. \*

#### 23—CANALS

##### CONTRACT AWARDED

BOISE PROJECT, Idaho.—Haas, Doughty & Jones and Marshall & Stacy, 1104 Merchants' Exchange Building, San Francisco, at \$174,333.90, was awarded contract by the U. S. Bureau of Reclamation, J. C. Page, Commissioner, Boise, Idaho, under Spec. No. 751, for the construction of earthwork, canal lining and structures, Station 157 to Station 474+25, Black Canyon Canal, Payette Division, Boise Project. \* 23

##### CONTRACT AWARDED

YAKIMA PROJECT, Wash.—Guthrie-McDougall Co., Portland, and Mark C. Walker & Son Co., Omaha, Neb., at \$486,645.90, awarded contract by the U. S. Bureau of Reclamation, John C. Page, Commissioner, Yakima, Wash., under Spec. No. 748, for the construction of earthwork, canal lining and structures, Station 1120 to Station 1595, Yakima Ridge Canal, Rosa Division, Yakima Project. \* 23

#### COMPLETE BIDS

DENVER, Colorado.—Following submitted bids to the Bureau of Reclamation Purchasing Agent, Denver, under Invit. No. A-42-38-A, for furnishing deferred intermediate billet steel reinforcement bars for the All-American Canal.

The items were:

- Sched. No. 1 (Deliv. Knob, Cal.)  
 (1) 1,800,000 lbs. base (3/4-inch and larger) round or square bars, deformed.  
 (2) 100,000 lbs. 5/8-in. round deformed bars.  
 (3) 100,000 lbs. 1/2-in. round deformed bars.  
 Sched. No. 2 (Deliv. Calexico, Cal.)  
 (1) 1,850,000 lbs. base (3/4-inch and larger) round or square bars, deformed.  
 (2) 75,000 lbs. 5/8-in. round deformed bars.  
 (3) 75,000 lbs. 1/2-in. round deformed bars.

Bethlehem Steel Co., Sch. 1, \$53,700; Sch. 2, \$46,845; f.o.b. destination.

Tennessee Coal, Iron & R. R. Co., Sch. 1, \$54,700; Sch. 2, \$48,285; f.o.b. destination.

Truscon Steel Co., Sch. 1, \$54,900; Sch. 2, \$47,925; f.o.b. destination.

Judson Steel Co., Sch. 1, \$54,900; Sch. 2, \$47,925; f.o.b. destination.

Northwest Steel Rolling Mills, Sch. 1, \$56,900; Sch. 2, \$49,725; f.o.b. destination.

The Colorado Fuel & Iron Corp., Sch. 1, \$58,900; Sch. 2, \$51,525; f.o.b. destination.

Columbia Steel Corp., Sch. 1, \$58,900; Sch. 2, \$51,525; f.o.b. destination.

Carnegie Illinois Steel Co. Corp., Sch. 1, \$58,900; Sch. 2, no bid; f.o.b. destination.

Laclede Steel Co., Sch. 1, \$58,900; Sch. 2, \$52,425; f.o.b. destination.

Sheffield Steel Co., Sch. 1, \$37,300; Sch. 2, \$33,525; f.o.b. Kansas City. \*

#### BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Delta Dredging Co., Pittsburg, Cal., at \$0.059 per cu. y., submitted low bid to the Union Island Reclamation District, No. L, for sloping levee on Grant Line Canal, involving 36,000 cubic yards.

Total bids follow:

Delta Dredging Co., Pittsburg, Cal.—\$0.059 per cu. y.

Louis Biasotti & Son, Stockton—\$0.065 per cu. y.

Delta Construction Co., Stockton—\$0.07 per cu. y.

H. Sykes, Patterson—\$0.08 per cu. y.

23

#### 24—STREET LIGHTING

##### CONTRACT AWARDED

ALL-AMERICAN CANAL, Calif.—A. S. Vinnell Co., 969 Amalia Ave., Alhambra, at \$147,642, was awarded contract by the U. S. Bureau of Reclamation, Federal Building, Yuma, Ariz., under Spec. No. 744, for construction of earth lining from Station 51-50 to Station 691-46, All-American Canal.

##### BIDS REJECTED

OVERTON, Clark Co., Nev.—Selena Lovatt, clerk of the Board of Education, Clark County Educational District No. 1, Overton, Nevada, rejected all bids for one electric plant, kva., alternating current, 3-phase, 60-cycle, driven by direct connected gasoline storage tank. In-stalled for operation in the Mesquite school building at Mesquite, Nev. \* 24

##### BIDS OPENED

SAN FRANCISCO, Calif.—Abbett Electric Co., 126 Sears St., San Francisco, at \$294, submitted low bid to the San Francisco Dept. of Public Works, Room, 251, City Hall, under Spec. No. 19085, for installing a lighting system in Castro Street extension from Duboce Avenue to Waller and Divisadero Streets, San Francisco. Electric cost, \$2700.

George F. Brayer, San Francisco, at \$867, submitted only other bid.

#### 25—MACHINERY AND EQUIPMENT

##### BIDS OPENED

SAN FRANCISCO, Cal.—Rock and Gravel Trucking Co., Inc., 4605 El Centro Avenue, Oakland, at \$6.90, 1/2 30 days, submitted low bid to U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 4615, for the rental of one power shovel, not less than 3/4 cu. yd. capacity, crawler type, for use for 80 hours; f.o.b. Grizzly Peak Blvd., Berkeley.

Total bids follow:

Rock & Gravel Trucking Co., Inc., 4605 El Centro Ave., Oakland—\$6.90 1/2 30 days.

A Soda & Son, Oakland—\$7.00 net. Greatfield, Farris and Carlin, San Francisco—\$8.25 net.

October 27, 1937.

##### CONTRACTS AWARDED

LOS ANGELES, Cal.—The Metropolitan Water District Purchasing Agent, Los Angeles, under Inv. No. 59867, awarded the following contracts for (1) 292 water stops for arch dummy joints, (2) 409 same for arch center joints, to Western Pipe and Steel Co. of Calif., 444 Market St., San Francisco, at \$9,449.32 (Items 2 and 3) and Pacific Iron and Steel Works, 241 W. Ave. 26, Los Angeles, at \$731.30 (Item 3).

##### CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Ida.—Bingham Pump Co., Inc., Portland, Ore., at \$25,296, awarded contract by the Bureau of Reclamation, J. C. Harper, Acting Chief Engineer, Denver, under Spec. No. 968-D, for three motor-driven pumping units for installation in the Owyhee Ditch pumping plant. Apparatus will be installed by the Government. \*

##### CONTRACT AWARDED

BOULDER CANYON PROJECT.—Hardie-Tynes Mfg. Co., Birmingham, Ala., at \$298,960, awarded contract by the Bureau of Reclamation, John C. Page, Commissioner, Denver, under Spec. No. 749, for two 168-in. butterfly valves for installation in the Boulder power plant, Boulder Canyon Project; f.o.b. shipping point and/or Boulder City, Nevada.

##### CONTRACT AWARDED

KENDRICK PROJECT, Wyoming.—Treadwell Constr. Co., Midland, Pa., at \$22,176, awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 975-D, for furnishing (1) three 120-in. penstocks; (2) two 72-in. penstocks for the outlet works at the Seminoe Dam, Kendrick Project, Wyo.; f.o.b. cars at Park, Wyo., and/or shipping point. Pipes will be installed by the Government.

##### BIDS OPENED

DENVER, Colorado.—Bids for deferred intermediate billet steel reinforcement bars, for All-American Canal, Invitation No. A-42-38-A, were opened by Bureau of Reclamation Purchasing Agent, Denver, October 18.

The items were:

- Sched. No. 1 (Deliv. Knob, Cal.)  
 (1) 1,800,000 lbs. base (3/4-inch and larger) round or square bars, deformed.  
 (2) 100,000 lbs. 5/8-in. round deformed bars.  
 (3) 100,000 lbs. 1/2-in. round deformed bars.  
 Sched. No. 2 (Deliv. Calexico, Cal.)  
 (1) 1,850,000 lbs. base (3/4-inch and larger) round or square bars, deformed.

- (2) 75,000 lbs. 5/8-in. round deformed bars.  
 (3) 75,000 lbs. 1/2-in. round deformed bars.

The bids were:  
 Bethlehem Steel Co.—\$100,545, delivered to job.  
 Sheffield Steel Corp.—\$70,825, f.o.b. Kansas City.

#### BIDS OPENED

OAKLAND, Calif.—Fagot Truck and Coach Co., Hollywood and 107th Ave., Oakland, at \$3,707.80, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under informal proposal No. 920 for furnishing one motor truck chassis not less than 25,000 pounds.

Total bids follow:  
 Fagot Truck & Coach Co., Hollywood and 107th Avenue, Oakland—\$3,707.80.

General Motors Truck Co., Oakland—\$3,707.80.  
 International Harvester Co., Oakland—\$4,421.91.  
 White Motor Trucks Co., Oakland—\$4,518.54.

#### CONTRACTS AWARDED

LOS ANGELES, Cal.—The U. S. Engineer Office, Los Angeles, under Circ. Prop. 59, awarded the following contracts for the rental of core drilling equipment complete with accessories and operating personnel for drilling through overburden and rock and for taking dry samples and cores and performing pressure tests at locations in Orange County.

M. B. McGowan, 74 New Montgomery St., San Francisco, item No. 1 (Franto retarding basin), \$29,375.  
 E. S. Brown, 723 S. Van Ness Ave., Compton, item No. 2 (Brea retarding basin), \$10,263.75; item No. 3 (Fullerton retarding basin), \$8,627.50; item No. 4 (Carbon retarding basin), \$8,860.

Concore, Inc., 613 E. 3rd St., Los Angeles, item No. 5 (San Juan retarding basin), \$14,550; item No. 7 (Trabuco retarding basin), \$7638.75; item No. 8 (Alta retarding basin), \$5820.

Lynch Bros., Seattle, item No. 6 (Santiago retarding basin), \$11,475.

#### BIDS WANTED

NEWPORT BEACH, Orange Co., Cal.—Until November 1, 7:30 p.m., bids will be received by the Newport Beach City Council, Frank L. Rinehart, City Clerk, for furnishing sand pump and engine and other accessories to be installed on dredge barge furnished by the city. Specifications may be obtained from City Engineer R. L. Patterson. Certified check or bond 10%.

#### BIDS WANTED

SACRAMENTO, Calif.—Until November 4, 8:15 p.m., bids will be received by the Sacramento City Council, City Hall, Sacramento, for the purchase of street maintenance equipment, including asphaltic concrete mixture, a pressure oil distributor, a portable truck loader, a street sweeper and a single-drive one-man motor grader unit.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

BOULDER CANYON PROJECT.—The following submitted bids to the Bureau of Reclamation, F. H. Walter, Chief Engineer, Denver, Colo., under Spec. No. 980-D, for (1) eight 15-ft. x 16-ft. 9-in. radial gates; (2) four 14-ft. 6-in. x 16-ft. 3-in. radial gates; (3) four 10-ft. x 15-ft. 3-in. radial gates, and (4) two 8-ft. 6-in. x 9-ft. 9-in. radial gates for power doors Nos. 2, 3, 4, and 5 and the

New Briar turnout on the All-American Canal, Boulder Canyon Project. Gates will be installed by the Government; f.o.b. shipping point and/or railroad destination.

Denay Corp., Pittsburgh, Pa.—(1) \$11,045, weight 96,000; (2) \$5,735, wt. 16,400; (3) \$6,515, wt. 37,300; (4) \$1,510, wt. 19,600; Combination bid 1, 2, 3 and 4, \$24,220; f.o.b. Neville Island, Pa., net.

Worden Allen Co., Milwaukee—(1) \$10,300, (2) \$5,475, wt. 49,300; (3) \$5,735, wt. 39,600; (4) \$2,660, wt. 21,700; f.o.b. Knob, Calif., net.

Omaha Steel Works, Omaha, Nebr.—(1) \$6,961, 95,600; (2) \$3,472, 46,000; (3) \$3,692, 37,000; (4) \$1,367, 19,800; Combination 2, 3 and 4, \$8,457; f.o.b. Omaha, disc. 1 1/2%.

California Steel Products Co., San Francisco—(1) \$12,496, 136,600; (2) \$6,144, 64,000; (3) \$5,892, 55,000; (4) \$1,827, 32,000; f.o.b. San Francisco, net.

Minneapolis Moline Power & Implement Co., Minneapolis—(3) \$5,400, 38,000; f.o.b. Minneapolis, Minn., net.  
 Duffin Iron Co., Chicago, Ill.—(1) \$8,190, 99,000; (2) \$3,990, 47,000; (3) \$3,949, 39,000; (4) \$1,550, 21,000; Combination 1, 2, 3 and 4, \$17,590; f.o.b. Chicago, net.

New York Shipbuilding Corp., Camden, N. J.—(1) \$11,180, 99,000; (2) \$5,925, 49,800; (3) \$6,152, 34,500; (4) \$1,850, 21,000; f.o.b. Camden, N. J., net.

Beal Tank & Pipe Corp., Portland, Oregon—(1) \$8,008, 84,000; (2) \$3,964, 40,000; (3) \$4,246, 35,000; f.o.b. Portland, Ore., net.

Southwest Welding & Mfg. Co., Alhambra, Calif.—(1) \$8,262, 104,000; (2) \$4,131, 50,900; (3) \$4,029, 41,500; (4) \$2,400, 21,600; f.o.b. Alhambra, Calif., disc. 1 1/2%.

Consolidated Steel Corp., Los Angeles—(1) \$8,000, 97,500; (2) \$5,025, 42,000; (3) \$4,202, 39,200; (4) \$1,891, 25,300; Combination 1, 2, 3 and 4, \$17,900; f.o.b. Los Angeles, net.

Pacific Iron & Steel Co., Ltd., Los Angeles—(1) \$8,635, 97,400; (2) \$4,100, 47,300; (3) \$4,510, 39,650; (4) \$1,810, 20,000; Combination 1, 2, 3 and 4, \$19,125, all or none; f.o.b. Lynnwood, Calif., disc. 1 1/2%.

Hunter Steel Co., Pittsburgh, Pa.—(1) \$12,900, 100,000; (2) \$6,740, 48,000; (3) \$6,750, 39,000; (4) \$1,840, 20,000; Combination 1, 2, 3 and 4, \$23,240; f.o.b. Pittsburgh, net.

Berkeley Steel Construction Co., Inc., Berkeley—(1) \$9,850, 102,000; (2) \$5,000, 47,500; (3) \$5,884, 37,500; (4) \$1,520, 28,000; Combination 1, 2, 3 and 4, \$20,500; f.o.b. Berkeley; discount 1 1/2%.

Bethlehem Steel Co., Chicago, Ill.—(1) \$9,387, 98,500; (2) \$5,000, 47,500; (3) \$5,884, 37,500; (4) \$2,500, 20,000; f.o.b. Chicago, net.

Lakeside Bridge & Steel Co., Milwaukee—(1) \$7,300, 100,900; (2) \$3,591, 48,500; (3) \$3,410, 38,800; (4) \$1,407, 23,400; Combination 1, 2, 3 and 4, \$15,579; f.o.b. Milwaukee, net.

Treadwell Construction Co., Midland, Pa.—(1) \$8,254, 94,800; (2) \$4,188, 45,000; (3) \$4,714, 35,400; (4) \$1,254, 22,000; f.o.b. Midland, disc. 1%.

Koppers Co., Western Gas Division, Ft. Wayne, Ind.—(1) \$9,768, 102,000; (2) \$4,868, 50,000; (3) \$4,905, 38,500; (4) \$1,159, 22,000; f.o.b. Fort Wayne, net.

#### CONTRACT AWARDED

BOULDER DAM PROJECT.—Bethlehem Steel Co., Bethlehem, Pa., at \$12,700, was awarded a contract by the Bureau of Reclamation, Denver, under Spec. No. 970-D, for structural steel transmission towers and switchyard structures for the Pioche transformer circuit and switch station at the Boulder switch-

yard, Boulder Canyon Project, f.o.b. shipping point and/or Boulder City. Structures will be erected by the Government.

#### CONTRACT AWARDED

GILA PROJECT, Ariz.—Pacific Iron & Steel Co., Ltd., Los Angeles, at \$12,465, was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 972-D, for eight sluice gates and eight diversion gates for installation in Basin No. 3 of the desilting works of the Gila Valley Canal, Gila Project, Arizona. Gates will be installed by the Government; f.o.b. shipping point and/or Potholes, Calif.

#### BIDS WANTED

BONNEVILLE PROJECT, Ore.—Until Nov. 10, 3 p.m., bids will be received by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Cir. No. 694-28-152, for designing, manufacturing, delivering and installing sewage and bilge pumps for the Bonneville Project at Hood River, Ore.

Plans and specifications may be obtained at the above office.

#### BIDS WANTED

SHOSHONE PROJECT, Wyo.—Until November 9, 2:00 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 984-D, for furnishing three 50 kv-a, single-phase transformers, three 34.5-kv, single-phase lightning arresters; 3 9-kv, single-phase lightning arresters; one 34.5-kv air-break switch; three 34.5-kv exclusion valves; one outdoor switching and metering equipment unit for the Garland substation, Shoshone Project, Wyoming. Apparatus will be installed by the Government; f.o.b. shipping point and/or Garland, Wyo. Plans and specifications may be obtained from the above office.

#### BIDS WANTED

MINIDOKA PROJECT, Idaho.—Until November 10, 2:00 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 985-D, for furnishing two 2000 kv-a, 2300 to 19,500/33,000 Y-volt, three-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers; 100 amp, 600-volt, 600-amp, oil circuit breakers, and 18 31,500-volt, 600-ampere, disconnecting switches for the Minidoka power plant, Idaho. Apparatus will be installed by the Government; f.o.b. shipping point and/or Minidoka, Ida. Plans and specifications may be obtained from the above office.

#### BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, F. H. Walter, Chief Engineer, Denver, Colo., under Spec. No. 978-D, for strainers, water jet educators, water pressure regulators, float gates with valves and air pressure relief valves for installation in the Boulder Power Plant, Boulder Canyon Project, Arizona-Calif.-Nevada. Apparatus will be installed by the Government; f.o.b. shipping point and/or Boulder City, Nevada.

Total bids follow:  
 The Blackburn-Smith Mfg. Co., Inc. Hoboken, N. Y. (Sch. 1) \$3,488.00, weight 11,712 lbs., disc. 1 1/2%, f.o.b. Hoboken.

Andale Co., Philadelphia, Pa., (Sch. 1)—\$3,584.00, weight 8700 lbs., f.o.b. Boulder City, Nevada.

Davis Regulator Co., Chicago, Ill. (Sch. 1)—\$500.00, Sch. 1, weight 1150 lbs., f.o.b. Boulder City, Nevada.

Fisher Governor Co., Marshalltown, Iowa. (Sch. 3) \$842.20; disc. 1 1/2% f.o.b. Boulder City, Nevada.

Schutte and Koerting Co., Phila-

delphia, Pa. (Sch. 2)—\$9650; weight 13,000 lbs. f.o.b. Philadelphia.

Elliott Co., Jeanette, Pa. (Sch. 1)—\$3525; weight 9600 lbs. f.o.b. Jeanette.

#### BIDS OPENED

**KENDRICK PROJECT, Wyo.**—Following submitted bids to the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 979-D, for (1) one 8.5 ft. by 8.5 ft. bulkhead gate and one 10.5 ft. by 15.3 ft. bulkhead gate and (2) three bulkhead gate frame assemblies for the power penstocks at the Seminoe Dam, Kendrick Project, Wyo. Materials will be installed by the Government; f.o.b. shipping point and/or Parco, Wyo.

Total bids follow:

Berkeley Steel Construction Co., Inc., Berkeley, Cal. (1) \$14,730.00; weight, 65,000 lbs.; disc. 1/4%, f.o.b. Berkeley, Calif.

Commercial Iron Works, Portland, Oregon, (1) \$39,980.00; weight, 97,000 lbs.; net, f.o.b. Portland, Ore.

Kopper Co., Baltimore, Md., (1) \$20,970.00; weight, 80,000 lbs.; (2) \$19,300.00; weight, 150,000 lbs.; disc. 1/2%, f.o.b. Baltimore, Md.

Hunter Steel Co., Pittsburgh, Pa., (1) \$39,400.00; weight, 78,000 lbs.; net, f.o.b. Neville Island, Pa.

Consolidated Steel Corp. Ltd., Los Angeles, Cal., (1) \$19,350.00; weight, 150,000 lbs.; (2) \$12,292.00; weight, 150,000 lbs.; net, f.o.b. Los Angeles, Cal.

New York Shipbuilding Corp., Camden, N. J., (1) \$26,232.00; weight, 61,800 lbs.; (2) \$22,190.00; weight, 135,000 lbs.; (Combination bid) \$48,422, net, f.o.b. Camden, N. J.

## 29—STREETS AND HIGHWAYS

#### CONTRACT AWARDED

**INYO CO., Calif.**—Basich Bros., 20530 S. Normandie Ave., Los Angeles, at \$70,631.30, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing about 7.4 miles between Diaz Lake and Alabama Gates in Inyo County.

#### CONTRACT AWARDED

**STATE OF WASHINGTON**—Guy J. Norris, American Bank Building, Seattle, at \$33,150, was awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, draining and surfacing on about 4 miles of Secondary State Highway 8-E, Goodnoe Hill, West, FAP 240-B, Stecker County, involving about 49,280 cu. yds. excavation, 11,300 cu. yds. crushed stone surfacing, 805 ft. of pipe culvert, etc.

#### BIDS WANTED

**SISKIYOU CO., Cal.**—Until Nov. 9, 2 p.m., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, Calif., for surfacing 2.0 miles with screened gravel on the East Side Road in Scott Valley between Callahan and Fort Jones, Siskiyou County.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

**SAN FRANCISCO, Calif.**—M. Bertolino, 32 Shotwell St., San Francisco, at \$2700 (82¢ per sq. ft.) submitted only bid to the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on 42nd Avenue and other locations. Est. \$2500.

Work involves:

(1) 10,000 sq. ft. 2-course concrete sidewalk.

#### BIDS OPENED

**FLATHEAD COUNTY, Montana.**—Carl Nyberg, Spokane, Washington, at \$185,933, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Ore., for 16.56 miles constructing or improving the Glacier National Park West Side Transmountain Highway (Avalanche Creek to South Park Boundary), Project 1-A, Units 1 and 2 surfacing, slope stabilization and bituminous treatment and Project 1-B, 1-C, bituminous treatment, Glacier National Park, Flathead County, Montana.

Total bids follow:

Carl Nyberg, Spokane, Wn. \$185,933.00  
A. Milne, Portland..... 186,945.00  
G. D. Lyon & Co., Spokane 187,894.50

#### BIDS WANTED

**INYO COUNTY, Cal.**—Until November 9, 3:00 p.m. (bids postponed from November 4), bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, California, for 0.7 miles grading and applying penetration oil treatment between 16.5 and 17.2 miles southeast of Keeler, Inyo County.

Work involves:

- (1) 7200 cu. roadway excavation without classification.
- (2) 3659 cu. yds. overhaul.
- (3) 45 cu. structure excavation.
- (5) 32 tons liquid asphalt SC-2 in place (penetration oil treatment)
- (6) 84 lf. 18-in. C M P
- (7) 48 lf. 24-in. C M P
- (8) 6 culvert markers, in place.
- (9) 8 monuments, in place.

State will furnish C M P.

Plans and specifications may be obtained from the above office.

#### BID CALL CANCELLED

**STATE OF WASHINGTON**—L. V. Murrow, Director of Highways, Olympia, Wash., cancelled the call for bids for the paving with asphaltic concrete about two miles of Wood Avenue, in Sumner. Bids were called for November 2nd.

#### CONTRACT AWARDED

**LAKE AND KLAMATH COS., Ore.**—Harold Blake, 400 N. Thompson St., Portland, at \$42,738.23, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Building, Portland, for constructing or improving 12.243 mi. highway, Fremont Highway Surfacing Project 29-A1, Bl. Oregon National Forest Road Project, located within the Deschutes National Forest, Lake and Klamath Counties, Oregon.

#### CONTRACT AWARDED

**SANTA PAULA, Ventura Co., Cal.**—Vido Kovacevich, 5400 Imperial Highway, South Gate, at \$14,286.34, awarded contract by the Santa Paula city council for improving portions of Harvard St., Ojai Road, and Stecker Dr. Plans were prepared by S. C. Bennett, city engineer.

Total bids follow:

Vido Kovacevich, 5400 Imperial Highway, South Gate—\$14,286.34  
Griffith Co., L. A.—\$15,856.63.  
Fillmore Concrete Pipe Works—\$16,802.84.

#### CONTRACT AWARDED

**LOS ANGELES CO., Calif.**—Macco Concrete Co., 815 Paramount Blvd., Clearwater, at \$28,807.50, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 508, State Bldg., Los Angeles, for grading and surfacing 6th plant-mixed surfacing and Portland cement concrete about 3.2

miles between Encinal Canyon and Trancas Beach, Los Angeles Co.

#### BIDS OPENED

**ANTIOCH, Contra Costa Co., Cal.**—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$4,017.96, submitted low bid to the Antioch City Council, J. E. McEhenny, City Clerk, City Hall, Antioch, for improving Sixth Street between the west line of "G" Street and the east line of "A" Street and "A" Street between the south line of Sixth Street and the north line of Eighth Street, Antioch.

Lee J. Immel, 1031 Evelyn Street, Berkeley—\$4,017.96.

Pacific Truck Service, Inc., San Jose—\$4,137.57.

Helwig Construction Co., Sebastopol—\$4,500.

#### CONTRACT AWARDED

**SAN DIEGO, Calif.**—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, at \$13,246, awarded contract by the State Highway Dept., San Diego, for 0.7 mi. surfacing with plant-mixed surface (medium curing type), between Harasty St. and Barnett St., San Diego City.

#### BLUE PRINTS AVAILABLE

**SACRAMENTO, Cal.**—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on November 10th, and in Los Angeles on November 12th, 1937.

Following is a list of blue prints and prices:

I-Men-56-C—Bridge across Elk Creek. Bids to be opened in Sacramento: PLANS (No. of Sheets), 10; cost, \$1.50; CROSS-SECTIONS (No. of Sheets), 11; cost, \$1.10; total, \$2.60.  
I-Men-56-E—Bridge across Jug-handle Creek. Bids to be opened in Sacramento: PLANS (No. of Shts.), 13; cost, \$2.00; CROSS-SECTIONS (None); total, \$2.00.

II-Sut-15-A-B—Between Tarke and 1 mile south of Sutter City. Bids to be opened in Sacramento:

PLANS (No. of Sheets) 17; cost, \$1.70; CROSS-SECTIONS (No. of Sheets), 76; cost, \$7.60; total, \$9.30.  
VII-LA-168-C—Between Valley Blvd. and Las Tunas Drive. Bids to be opened in Los Angeles: PLANS (No. of Sheets), 21; cost, \$2.10; CROSS-SECTIONS (No. of Sheets), 22; cost, \$2.20; total, \$4.30.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Applications for the above plans, specifications and proposal form should be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

#### LOW BIDDER

**SANTA PAULA, Ventura Co., Cal.**—Vido Kovacevich, 5400 Imperial Highway, South Gate, at \$14,286.34, submitted low bid to M. G. Demarest, city clerk, Santa Paula, for street improvement work as follows: (1) The improvement of Harvard St. from Mill St. to Stecker Dr. The portion from Mill St. to 500 ft. west of Barkia St. includes subgrade preparation, placing of asphaltic paint binder, and placing plant-mix paving (medium curing type) 10 ft. on each side of present pavement, except a portion on south side from station 0 plus 00 at Mill St. to station 7 plus 79 on the same as above 6 ft. in width. The portion from Stecker Dr. to 500 ft. west of Barkia St. includes shoulder grading only on each side of the present pavement for a width of 10 ft.



(1) The Improvement of Steckel Dr. from Harvard St to Main St, subgrade to be prepared, 1-in. plant mix (medium curing type) shoulders to be placed 5 ft. in width on each side of present pavement except on the westerly side from station 0 plus 00 to station 7 plus 40 where the shoulder is placed along concrete wall. Main St. from west end of bridge culvert at Steckel Dr. to 150 ft. west of Park St., subgrade to be prepared, 5 in. plant-mix (medium curing type) shoulders to be placed 5 ft. in width on each side of present pavement. The present bridge culvert at Steckel Dr. to be extended 10 ft. northerly with Class "A" portland cement reinforced concrete and all other items and facilities necessary or incidental to a complete and workmanlike improvement as contemplated by the plans and specifications.

(3) The Improvement of Ojal Road from Park St to Woodland Dr. and includes excavating ditches and gutters to line and grade. Grading and constructing 4 in. plant-mix paving (MC-4) shoulders on each side of present pavement as shown on the plans

**BIDS OPENED**

**BERKELEY, Alameda Co., Cal.—** W. H. Larsen, 6015 Chabalya Terrace, Oakland, #4534.  
**Berkeley City Council,** Florence Turner, City Clerk, City Hall, Berkeley, for the paving of Second Street between University and Addison Avenues, Berkeley.

**Work involves:**  
 (1) 300 c.y. grading;  
 (2) 10 c.y. grading below subgrade.  
 (3) 800 lf. curb and gutter.  
 (4) 12,800 sq. ft. 6-in. concrete base.  
 (5) 12,800 sq. ft. 2-in. asphalt surface.  
 (6) One catchbasin with 8-inch pipe connection.  
 (7) One catchbasin reconstructed.

**Total bids follow:**  
 (A) W. H. Larsen, 6015 Chabalya Terrace, Oakland—\$4534.  
 (B) Ransome Co., Emeryville—\$4652.  
 (C) Lee J. Immel, Berkeley—\$5501.

**Unit prices follow:**

	(A)	(B)	(C)
(1) .....	1.00	1.50	1.45
(2) .....	2.00	2.50	3.00
(3) .....	.70	.80	1.00
(4) .....	.21	.20	.24
(5) .....	.97	665	98
(6) .....	50.00	100.00	95.00
(7) .....	20.00	45.00	45.00

**BIDS WANTED**

**LONG BEACH, Los Angeles Co., Calif.—**Until Nov. 5, 10 a. m., bids will be received by R. M. Dorion, City Manager, 204 City Hall, for the improvement of Alamitos Ave. from Ocean Beach to 7th St. and California Ave. from Alamitos Ave. to 7th Street.

- The work involves:**
- 1) 542 lf. portland cement concrete curb;
  - 2) 6,129 lf. portland cement concrete combined curb and 6-in. gutter 5 ft. wide;
  - 3) 725 sq. ft. 6-in. portland cement concrete gutter;
  - 4) 3,944 sq. ft. 8-in. portland cement concrete gutter;
  - 5) 23,139 sq. ft. portland cement concrete sidewalk;
  - 6) 7,355 sq. ft. 6-in. portland cement concrete sidewalk;
  - 7) 90 lf. 8-in. standard strength cement pipe;
  - 8) 831 lf. 12-in. standard strength cement pipe;
  - 9) 1 type A manholes (average depth 5 ft.);
  - 10) 2 type C manholes (average depth 3 ft.);
  - 11) 11 type A-1 catch basins;
  - 12) 2 type C-1 catch basins;
  - 13) 9 type B-1 local depressions;

- 14) 3 type C local depressions;
- 15) 1 special local depression;
- 16) 5 lf. type A concrete backfill for 8-in. cement pipe;
- 17) 100 lf. type A concrete backfill for 12-in. cement pipe;
- 18) 1,137 cu. yd. concrete removal;
- 19) 264 cu. yd. structural excav.;
- 20) 4,314 tons asphalt concrete base course;
- 21) 2,015 tons asphalt concrete leveling course;
- 22) 2,041 tons asphalt concrete type 2 wearing surface;
- 23) 5 ornamental light standards to be removed and relocated;
- 24) 18,954 sq. yds. 7-in. A. C. pavement subgrade;
- 25) 3,112 lf. single track to be removed.

Plans and specifications may be obtained by prospective bidders by application to J. W. B. Blackman, City Engr.-Director of Public Service, and deposit of \$10. Certified check or bank draft, or bond, 10%.

**CONTRACT AWARDED**

**SAN BERNARDINO Co., Calif.—** Match Brothers, Elsmore, Calif., at \$124,225, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for about 19 1/2 miles to be graded and covered with asphaltic concrete and Portland cement concrete, between Los Angeles County Line and Colton, San Bernardino County.

**CONTRACTS AWARDED**

**STATE OF OREGON—**The Oregon State Highway Commission, R. H. Badwick, State Highway Engineer, Third Floor, Public Service Building, Portland, awarded the following contracts for bridge and highway construction:

**BAKER COUNTY—**Miller Bridge-Black Creek Section of Baker-Homedale Highway, State Project. Furnish 9000 cu. yds. crushed rock in stock piles.

Contract awarded E. H. Itseher, Molokai, Oregon \$15,050.  
 Other bidders:  
 Smith & Co., Goldendale, Wash.—\$15,350.

O. C. Yeoman, 2407 N. W. 28th, Portland \$15,800.  
 H. L. Rice, 2905 S. E. Pine, Portland, \$15,910.  
 Leonard & Slate, Multnomah \$16,250.

**Babbler Bros.,** 2407 N. W. 28th, Portland, \$16,140.  
**Saxton, Looney & Risley,** Henry Bldg., Portland, \$17,250.

**Hart Construction Co.,** LaGrande, Ore. \$17,394.  
**Rogers Construction Co.,** Dayton, Wash. \$19,025.  
**C. A. Dunn, Klamath Falls,** Ore. \$19,337.

**Homer G. Johnson, Imperial Hotel,** Portland, \$19,590.  
**Max J. Kimey, E. 120 Augusta,** Spokane \$21,840.  
**George Schmidt, 3918 S. E. 56th,** Portland, \$22,504.

**A. S. Wallace, Roseburg,** \$23,740.  
**BAKER COUNTY—**N. W. Powder-Muddy Creek Section of Oregon Trail Federal Aid Project. To 154.27, 20 miles grading, soft cut and penetration type bitum. emulsion wearing surface, 20 1/2 miles 2000 cubic yards crushed rock in stock piles. Requires approximately 104,000 cubic yards excavation, 20,000 cubic yards, pit-run gravel, 24,000 cubic yards crushed rock, and 17,000 square yards bituminous emulsion wearing surface.

Contract awarded R. L. Houck, Salem \$32,183.  
 Other bidders were:  
 Watson N. Anderson, Portland, \$33,502.  
 R. O. Dal and Warren Bros., Aberdeen \$32,183.

**GILLIAM COUNTY—**Shuttler Flat-Condor Section of John Day Highway, State Project. Furnish 6000 cu. yds. crushed rock in stock piles.

Bids were not opened because of right-of-way difficulties.  
**JEFFERSON COUNTY—**Waaco Co. Line-Modras Section of The Dalles-California Highway, State Project. Furnish 6200 cubic yards crushed rock in stock piles.

Contract awarded to H. L. Rice, 2905 S. E. Pine, Portland—\$5742.  
 Other bidders were:  
 A. S. Wallace, Roseburg—\$9672.  
 O. C. Yeoman, 2407 N. W. 28th Portland—\$9858.

**Fisher Bros., Oregon City—**\$9920.  
**Schmer, Williams and Gentemann,** Wiley Bldg., Portland—\$9922.  
**Smith & Co., Goldendale,** Washington \$9932.  
**Roger Construction Co., Dayton,** Washington—\$10,123.  
**R. O. Dal and Warren Bros., Aberdeen,** Washington—\$11,160.  
**Charles H. Hoyt, Silverton—**\$11,346.  
**Japhin & Eldon, 3101 N. Columbia Blvd., Portland—**\$11,468.  
**C. A. Dunn, Klamath Falls—**\$12,089.  
**Saxton, Looney and Risley, Henry Bldg., Portland—**\$12,090.  
**E. C. Gerber, Oregon City—**\$12,555.  
**George Schmidt, 3918 S. E. 56th,** Portland \$13,841.  
**Homer G. Johnson, Imperial Hotel,** Portland, \$14,360.  
**R. J. Stuart, Medford—**\$15,392.

**FIN 9M. COUNTY—**Eddyville Pack Production Project on Corvallis-Newport and Eddyville-Bridgett Highways, State Project. Furnish 1,300 cubic yards crushed rock in stock piles.  
 Contract awarded to Roy L. Houck, Salem \$17,450.

Other bidders were:  
 O. C. Yeoman, 2407 N. W. 28th, Portland \$18,830.  
 Parker-Schram Co., Couch Bldg., Portland, \$20,190.  
**Saxton, Looney and Risley, Henry Bldg., Portland—**\$20,372.

**Pennington-Columbia Blvd., Portland—**\$21,210.  
**H. L. Rice, 2905 S. E. Pine, Portland—**24,488.  
**Japhin & Eldon, 3101 N. Columbia Blvd., Portland—**24,840.

**A. S. Wallace, Roseburg—**\$25,505.  
**Homer G. Johnson, Imperial Hotel,** Portland \$26,520.  
**Harold Blake, 400 N. Thompson,** Portland \$30,305.

**R. O. Dal and Warren Bros., Aberdeen—**\$31,155.  
**Millme, 7253 N. E. Broadway,** Portland \$31,680.

**TILLAMOOK COUNTY—**Heho Rock

**GILLIAM COUNTY—**Shuttler Flat-Condor Section of John Day Highway, State Project. Furnish 6000 cu. yds. crushed rock in stock piles.

Bids were not opened because of right-of-way difficulties.  
**JEFFERSON COUNTY—**Waaco Co. Line-Modras Section of The Dalles-California Highway, State Project. Furnish 6200 cubic yards crushed rock in stock piles.

Contract awarded to H. L. Rice, 2905 S. E. Pine, Portland—\$5742.

Other bidders were:  
 A. S. Wallace, Roseburg—\$9672.  
 O. C. Yeoman, 2407 N. W. 28th Portland—\$9858.

**Fisher Bros., Oregon City—**\$9920.  
**Schmer, Williams and Gentemann,** Wiley Bldg., Portland—\$9922.  
**Smith & Co., Goldendale,** Washington \$9932.

**Roger Construction Co., Dayton,** Washington—\$10,123.  
**R. O. Dal and Warren Bros., Aberdeen,** Washington—\$11,160.  
**Charles H. Hoyt, Silverton—**\$11,346.  
**Japhin & Eldon, 3101 N. Columbia Blvd., Portland—**\$11,468.

**C. A. Dunn, Klamath Falls—**\$12,089.  
**Saxton, Looney and Risley, Henry Bldg., Portland—**\$12,090.  
**E. C. Gerber, Oregon City—**\$12,555.  
**George Schmidt, 3918 S. E. 56th,** Portland \$13,841.

**Homer G. Johnson, Imperial Hotel,** Portland, \$14,360.  
**R. J. Stuart, Medford—**\$15,392.

**FIN 9M. COUNTY—**Eddyville Packer Production Project on Corvallis-Newport and Eddyville-Bridgett Highways, State Project. Furnish 1,300 cubic yards crushed rock in stock piles.

Contract awarded to Roy L. Houck, Salem \$17,450.

Other bidders were:  
 O. C. Yeoman, 2407 N. W. 28th, Portland \$18,830.  
 Parker-Schram Co., Couch Bldg., Portland, \$20,190.

**Saxton, Looney and Risley, Henry Bldg., Portland—**\$20,372.  
**Pennington-Columbia Blvd., Portland—**\$21,210.  
**H. L. Rice, 2905 S. E. Pine, Portland—**24,488.  
**Japhin & Eldon, 3101 N. Columbia Blvd., Portland—**24,840.

**A. S. Wallace, Roseburg—**\$25,505.  
**Homer G. Johnson, Imperial Hotel,** Portland \$26,520.  
**Harold Blake, 400 N. Thompson,** Portland \$30,305.

**R. O. Dal and Warren Bros., Aberdeen—**\$31,155.  
**Millme, 7253 N. E. Broadway,** Portland \$31,680.

**TILLAMOOK COUNTY—**Heho Rock

Production Project on Oregon Coast and McMinnville-Tillamook Highways. State Project. Furnish 6000 cubic yards crushed rock in stock piles.

Contract awarded to Seaman, Lookey and Risley, Henry Bldg., Portland—\$14,180.

Other bidders were:  
Dolan Construction Co., Tillamook—\$15,400.

**WALLOWA COUNTY**—Wallowa-Enterprise Section of Wallowa Lake Highway, State Project. Furnish 5100 cubic yards crushed rock in stock piles.

Contract awarded to O. C. Yocum, 2704 N. W. 28th, Portland—\$8855.

Other bidders were:  
Rogers Construction Co., Dayton—\$8750.

Jones-Scott Co., Walla Walla—\$9140.

H. L. Rice, 2905 S. E. Pine, Portland—\$9387.

Hart Construction Co., LaGrande—\$9590.

Schmeier, Williams and Gentemann, Wilcox Bldg., Portland—\$9945.

Homer G. Johnson, Imperial Hotel, Portland—\$14,785.

**WASCO COUNTY**—The Dalles Roadside Improvement Project on the Columbia River Highway, Federal Aid Project No. 306-C. Furnish approximately 5000 cubic yards rock excavation.

Contract awarded to Van Cleve and Van Cleve, Holvet, Oregon—\$5375.

Other bidders were:  
J. A. Terling and Son, Boise—\$7750.

Anderson Construction Co., 6026 S. W. Vermont, Portland—\$9946.

Homer G. Johnson, Imperial Hotel, Portland—\$8000.

M. L. O'Neill and Son, Eugene—\$8350.

George Schmitt, 3918 S. E. 56th, Portland—\$5582.

#### CONTRACT AWARDED

**YAVAPAI COUNTY, Ariz.**—W. E. Orr, contractor, P. O. Box 1150, Prescott, Arizona, at \$102,089.58, was awarded contract by the Arizona State Highway Commission, Phoenix, for improving Cottonwood-Sedona Highway, FA 96-F (1938), AFE 7929. The work, beginning at the Verde River bridge at Bridgeport and extending northeast about 5.7 miles, consists of grading, draining, aggregate base course and asphaltic surface treatment, and is to be completed on or before May 15, 1938.

#### BIDS OPENED

**LOS ANGELES, Cal.**—C. G. Willis & Sons, Inc., 2119 E. 25th St., at \$8326, submitted low bid to Los Angeles Board of Education for ground improvement work at the Western District High School.

Total bids follow:  
C. T. Willis & Sons, Inc., 2119 E. 25th St., \$8326; Vido Kovacevich, 18475; Edwin Green, \$10,911; E. G. Kern, \$11,255.25; Nordick & Miller, \$11,875; Contracting Engineers, \$11,929; Tomei Constr. Co., \$13,200; Paul D. Lawrence Co., \$13,330.

#### BIDS OPENED

**LOS ANGELES, Cal.**—Santo Toluceno, 6014 Hollenbeck Ave., Huntington Park, at \$10,480.10, submitted low bid to Los Angeles Board of Public Works for grading Union Passenger Terminal Station tracks and Macy Street grade separation, PWA Project #201, Unit 2-A, involving approximately 30,826 cubic yards earth measured, in place, before excavating, and delivered to Union Passenger Terminal Station site.

Total bids follow:  
Santo Toluceno, 6014 Hollenbeck Ave., \$10,480.10.  
W. and E. M. Bredlove Excavating Co., \$11,374.79.

The Price Co., \$11,916.

George J. Bock Co., \$11,945.

Oneal & Smith, \$12,176.27.

C. G. Willis & Sons, Inc., \$13,222.

Rhoades Bros., \$19,980 (bond accompanying bid not signed by principals).

Griffith Co., \$22,000.

Paul D. Lawrence Co., \$27,111.

#### CONTRACT AWARDED

**TUCSON, Pima Co., Ariz.**—White & Miller, Contractors, P. O. Box 2350, Tucson, Ariz., at \$8396, was awarded contract by the Arizona State Highway Commission, Phoenix, for the mixing, placing and finishing of plant-mixed surface on approximately 522 mile of the city streets, U. S. Route 80 and 89, WPA 80-4-7, AFE 8088.

#### BIDS WANTED

**INYO COUNTY, Cal.**—Until November 4, 3:30 p.m., bids will be received by the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, California, for 0.7 miles grading and applying penetration oil treatment between 16.5 and 17.2 miles southeast of Keeler, Inyo County.

Work involves:

- (1) 7200 c.y. roadway excavation without classification.
- (2) 3500 sta. yds. overhaul.
- (3) 45 c.y. structure excavation.
- (4) 32 tons liquid asphalt 8C-2 in place (penetration oil treatment)
- (5) 84 lf. 18-in. C M P
- (6) 84 lf. 14-in. C M P
- (7) 48 lf. 12-in. C M P
- (8) 6 culvert markers, in place.
- (9) 8 monuments, in place.

State will furnish C M P.

Plans and specifications may be obtained from the above office \* 29

#### CONTRACT AWARDED

**MULTNOMAH & Hood River Cos., Ore.**—McNutt Bros., Eugene, at \$102,201 was awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for constructing or improving the Columbia River Highway. Re-construction Grading Project, Multnomah and Hood River counties, Oregon.

#### COMPLETE BIDS

**STATE OF WASHINGTON**—Guy J. Norris, American Bank Building, Seattle, at \$33,180, submitted low bid to L. V. Murrow, Director of Highways, Olympia, for grading, draining and surfacing on about 4 miles of Secondary State Highway 8-E, Goodnow Hill West, PAF 240-B, Killekitt County, involving about 49,250 cu. yd. excavation, 11,300 cu. yd. crushed stone surfacing, 808 ft. of pipe culvert, etc.

Total bids follow:

- Guy J. Norris, Amer. Bank Bldg., Seattle—\$33,180.  
J. A. Spritt, Carson—\$35,617.  
J. Anderson Constr. Co., Portland—\$41,998.  
Elliott & Co., Inc., Seattle—\$42,010.  
L. Coluceto, Seattle—\$43,479.  
Haffner Bros., Seattle—\$43,878.  
F. R. Hewitt, Spokane—\$46,189.  
K. H. Varn & Johnson, Vancouver—\$47,880.  
C. E. O'Neal Co., Inc., Ellensburg—\$51,096.  
Northwest Constr. Co., Inc., Seattle—\$60,209.

#### BIDS OPENED

**KLAMATH COUNTY, Ore.**—E. L. Gates, Portland, Oregon, at \$156,525.50, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., constructing or improving 3.310 miles Crater Lake National Park, Rim

Road, Project 7-E2 Grading and 7-D1, D2, E1, E2 Bituminous Treatment, National Park Road Project, Crater Lake National Park, Klamath County, Oregon.

Total bids follow:  
E. L. Gates, Portland, Ore., \$156,525.50  
Colonial Const. Co., Spokane 161,453.40  
Clifford A. Dunn, Klamath Falls ..... 164,585.20

#### CONTRACT AWARDED

**SAN LUIS OBISPO, Calif.**—Geo. K. Thompson & Co., 2404 W. 7th St., Los Angeles, at \$121,413, awarded contract by the State Division of Highways, C. H. Percell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying road-mix surface treatment to about 2.8 miles between Atascadero Summit and San Gabriel Ave., San Luis Obispo County.

#### CONTRACT AWARDED

**MULTNOMAH & HOOD RIVER COS., Ore.**—McNutt Bros., Eugene, at \$102,201, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for constructing or improving the Columbia River Highway. Re-construction Grading Project 28-B, National Forest Road Project, Multnomah and Hood River Counties, Oregon.

#### CONTRACT AWARDED

**REDWOOD CITY, San Mateo Co., Cal.**—H. A. Sanders, Box 105, W. Canyon Road, Redwood City, at \$942, was awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, City Hall, Redwood City, for the construction of cement concrete sidewalk, curb and gutter and asphaltic concrete pavement on the extension of Montgomery St.

#### CONTRACTS AWARDED

**STATE OF WASHINGTON**. — As previously reported, L. V. Murrow, Director of Highways, Olympia, has awarded the following contracts for bridge and highway construction:

**Douglas County**: Surfacing and bituminous surface treatment, road-mix type, on about 7.5 miles of Primary Secondary Highway 2, Pine Canyon to Coulee City, State Proj., Douglas County, involving about 18,440 c.y. ballast, 2,890 c.y. stone surfacing, 7,090 c.y. mineral aggregates (oil rock), 540 tons of bituminous cement and other items. Awarded: M. E. Nelson, Tonasket, at \$53,207.

Other bidders:  
Fred G. Redmon, Yakima—\$55,071.  
Diesel Oil Sales Co., Seattle—\$58,423.

R. L. Hewett, Spokane—\$59,004.  
F. R. Blair, Spokane—\$59,987.  
G. D. Lyon & Co., Spokane—\$63,286.  
Standard Asphalt Paving Co., Inc., Spokane—\$72,138.

**Lewis County**: Clearing, draining, surfacing and 3 miles of Primary State Highway 5, West Fork to Morton, PAF 164-C and D. Lewis Co., involving about 29 acres of clearing, 69,990 c.y. excavation, 24,180 c.y. ballast, 11,160 c.y. crushed stone surfacing and mineral aggregates (oil rock), 217 c.y. concrete, 23,900 lbs. steel reinf. bars, 1176 lf. of pipe culverts, etc. Awarded: Elliott & Co., 2155 Northlake, Seattle, at \$84,746.

Other bidders:  
L. Coluceto, Seattle—\$96,370.  
Allen & Govan, Olympia—\$100,924.  
Hendricks & Co., Chehalis—\$104,090.

N. Florio, Inc., Seattle—\$108,550.  
Northwest Construction Co., Inc., Seattle—\$110,187.  
Homer G. Johnson, Portland—\$112,180.

Skamania and Killekitt Counties: Clearing, grading, draining about 2.5

miles of Primary State Highway 8, Blue Creek to Skadat, State Proj., Skamania and Klickitat counties, involving about 11 acres of clearing, 273,700 c.y. excavation, 52,400 c.y. of bank protection material, 534 c.y. of concrete, 56,000 lbs. steel reinforcement, 582 ft. of pipe culvert, 1,520 ft. of treated timber piling, 2 MFBM timber and lumber, etc. Awarded: Northwest Constr. Co., 3950 6th St. NW, Seattle, at \$149,339.

**Other bidders:**  
Colonial Constr. Co., Spokane—\$161,033.

Elliott & Co., Seattle—\$163,629.  
Carl Nyberg, Spokane—\$167,511.  
Sam Orino, Bonneville—\$215,946.  
C. L. Creelman, Seattle—\$215,558.  
Farker - Schram Co., Portland—\$216,579.

Siems-Spokane Co., Spokane—\$232,303.  
The Mirene Co., Portland—\$235,643.  
Erickson Paving Co., Seattle—\$304,844.

**Cowlitz County:** Clearing, grading, draining and surfacing about 1.5 mi. of Secondary State Highway 1-R, Tottle River Vicinity, FAS 13-A, Cowlitz County, involving about 2380 c.y. excavation, 2250 c.y. ballast, 5550 c.y. stone surfacing, 84 ft. of pipe culvert, etc. Awarded: Cowan & Hubback, 317 Highland Dr., Seattle, at \$17,576.

**Other bidders:**  
Klineline, Varn & Johnson, Vancouver—\$22,542.  
Homer G. Johnson, Portland—\$28,502.

**Skamania County:** Clearing, grading, draining and surfacing on about 2.8 miles of Secondary State Highway 8-B, Washougal River to McPherson's Store, FAS 214-B, Skamania County, involving about 18 ac. clearing, 75,990 c.y. excav., 7350 c.y. ballast, 5400 c.y. crushed stone surfacing, 1963 c.y. concrete, 24,250 lbs. of steel reinforcement bars, 960 ft. of pipe culvert, etc. Awarded: Halleran Bros., 2540 22nd N, Seattle, at \$48,069.

**Other bidders:**  
Guy J. Norris, Seattle—\$49,218.  
Colonial Constr. Co.—\$49,921.

The Mirene Co., Portland—\$53,037.  
Elliott & Co., Inc., Seattle—\$53,385.  
Sam Angelo and H. H. Hibbard, Washougal—\$55,886.  
Homer G. Johnson, Portland—\$58,801.

Northwest Constr. Co.—\$65,730.

**CONTRACT AWARDED**

**SAN FRANCISCO**, Cal.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$110,316.90, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. 19061, for reconstruction of 19th Avenue, from Sloat Blvd. to Taraval St., San Francisco. \* 29

**LOW BIDDER**

**STATE OF WASHINGTON**—Guy J. Norris, American Bank Building, Seattle, at \$33,150, submitted low bid to L. V. Murrow, Director of Highways, Olympia, for grading, draining and surfacing on about 4 miles of Secondary State Highway 8-E, Goodnoe Hill West, Fay 240-B, Klickitat County, involving about 49,280 c.y. excavation, 11,300 c.y. crushed stone surfacing, 808 ft. of pipe culvert, etc. Total bids follow:

Guy J. Norris, American Bank Building, Seattle—\$33,180.  
J. C. Papin, Carson—\$35,617.  
Anderson Construction Co., Portland—\$41,998. \* 29

**30—RESERVOIRS & DAMS**

**BIDS OPENED**

**MARYSVILLE**, Yuba Co., Calif.—Hemstreet & Bell, 501 11th Street, Marysville, at \$3,858, submitted low

bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Pro. No. 1105-38-90, for enlarging and raising to grade approximately 1140 feet of the existing east levee on the Feather River, located along the Western Pacific Railroad between 6th and 9th Streets, Marysville.

- Work involves:  
(1) 25,100 c.y. levee embankment, in place;  
(2) 26 ft. corrug. iron pipe, 8-in. dia., No. 16 gage, with necessary 8-in. dia. hand couplers;  
(3) 1 corrug. iron pipe drop inlet, 18 in. by 24 in., No. 14 gage;  
(4) 1 Calco No. 100 automatic drainage gate, 8-in. dia. or equal, in place;  
(5) 5 tons cobble rock for drainage spillway, in place.

Total bids follow:  
(A) Hemstreet & Bell, 501 11th St., Marysville—\$3,858.  
(B) Yuba Constr. Co., Irvington—\$4,310.

Unit prices follow:

	(A)	(B)
(1)	\$0.15	\$0.165
(2)	1.50	1.35
(3)	20.00	11.50
(4)	10.00	10.00
(5)	6.00	3.00

**BIDS WANTED**

**FULLERTON**, Orange Co., Cal.—Until Nov 2, 7:30 p.m., bids will be received by Fullerton city council, F. C. Hezmalhalch, City Clerk, for furnishing and applying roof covering on Hillcrest Reservoir, N. Harvard Ave., Fullerton. Specifications on file at office of Superintendent of Fullerton Municipal Water Dept. Certified or cashier's check for 5% must accompany bid.

**BIDS OPENED**

**SAN DIEGO**, Calif.—J. L. Kruly, 1449 Reeves Ave., Los Angeles, at \$31,264.50 (based on use of Federal Spec. WWD-121, a deduction of \$3300 from \$34,564.50), submitted low bid to the San Diego City Council, for the construction of the College Reservoir and pipe line, Schedule No. 2, San Diego. The work involves:

**SCHEDULE NO. 1**  
**SCHEDULE NO. 2—Pipeline**  
(1) 2,700 c.y. Class 1 excav., including disposal of excav. material;  
(2) 2400 c.y. backfill for Class 1 excavation;  
(3) 1000 c.y. obtaining and hauling material for backfill;  
(4) 250 c.y. Class 2 struc. excav., including backfill and disposal of excess material;  
(5) 125 c.y. Class 3 excav. for small trenches, including cost of backfill and disposal of excess matl.;  
(6) 5400 ft. 16-in. I D Class B C.I. pipe, complete in place;  
(7) 2 only, 16-in. vertical geared gate valves, hub ends, with fitted gaskets, etc.;  
(8) 6,000 lbs. tee, angles blow-off branches and other standard castings;  
(9) 1000 lb. special castings;  
(10) 1 only, 2-in. pressure air valve assembly with gate valve;  
(11) 4 only, 2 in. combination pressure air and vacuum valve assemblies with gate valves;  
(12) 1 only, 22-in. C.I. rings and man-holes, etc.;  
(13) 76 ft. 2-in. standard wrought iron pipe, in place, in air valve assemblies;  
(14) 100 ft. pavement removed and replaced on El Cajon Ave., including disposal of removed pavement;  
(15) 60 ft. pavement removed and replaced on 70th St., including disposal of removed pavement;

- (16) One 16-in. Sparling meter or equal at \$315 (fixed price);  
(17) 2 only,  $\frac{3}{4}$ -in. pressure taps with bronze gate valves;  
(18) 180 c.y. concr., unclass., in footings, chambers, anchors, supports, or elsewhere, in place in the work, including setting of anchors to tower footings;  
(19) 275 bbls. cement, in place in work;  
(20) 5000 lbs. reinf. steel, in place;  
(21) 1 only, connection to existing pipe line on El Cajon Ave.;  
(22) 500 ft. 10-in. concrete drain pipe with cement joints, complete in place;  
(23) 30 ft. 16-in. I D Class B C.I. pipe, short sections;  
(24) 1 only, 4-in. blowoff waste assembly, complete with 4-in. gate valve and 20 ft. 4-in. wrought iron pipe.

Total bids follow:  
(A) J. L. Kruly, 1449 Reeves Ave., Los Angeles—\$31,564.50; Alt. \$31,264.50.  
(B) Harry L. Foster, San Diego—\$37,267; Alt. on Super De Lavaud, \$33,487.  
(C) V. R. Dennis Constr. Co., San Diego—\$39,331; Alt. \$35,156.  
(D) H. H. Peterson, San Diego—\$28,080.50; Alt. \$37,486.50.  
(E) R. E. Hazard, San Diego—\$38,111.75; Alt. \$34,871.75; Alt. on Super De Lavaud.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$ 1.30	\$ 0.96	\$ 0.70	\$ 1.00	\$ 1.35
(2)	15	30	30	40	70
(3)	1.30	1.10	1.50	1.50	75
(4)	1.30	2.50	1.80	1.50	2.00
(5)	2.50	1.70	1.80	1.50	1.25
(6)	4.27	4.73	4.85	4.86	4.50
(7)	325.00	300.00	325.00	288.00	300.00
(8)	07	07	07	07	07.5
(9)	10	09	12	13	07
(10)	70.00	65.00	70.00	45.00	90.00
(11)	70.00	60.00	70.00	55.00	65.00
(12)	12.00	12.50	15.00	18.00	15.00
(13)	40	65	60	50	30
(14)	1.50	2.40	3.50	1.60	2.00
(15)	1.25	1.20	3.50	1.60	1.50
(16)	315.00	315.00	315.00	315.00	315.00
(17)	5.00	3.00	3.00	2.00	3.00
(18)	10.00	14.50	12.00	10.00	17.50
(19)	3.00	2.60	2.40	3.00	2.50
(20)	08	06	06	06	05
(21)	30.00	20.00	100.00	75.00	125.00
(22)	55	50	75	60	90
(23)	4.00	5.50	6.00	6.00	4.50
(24)	125.00	50.00	60.00	60.00	75.00

Bids held under advisement. \* 30

**BIDS WANTED**

**COLUSA CO.**, Cal.—Until Nov. 8, 10 a.m., bids will be received by the Division of Water Resources, Dept. of Public Works, Edward Hyatt, State Engineer, Room 410, State Office Bldg. No. 1, Sacramento, for filling with sand and earth material the levee borrow pit on the Burr Mitchell property, located on the west bank of the Sacramento River five miles north of Colusa, Colusa Co. Engineer's estimate of material to be placed in borrow pit is 66,700 cu. yds.  
Plans and specifications may be obtained from the above office. \* 30

**CONTRACT AWARDED**

**COWLITZ CO.**, Wash.—Farker-Schram, 515 Couch Bldg., Portland, Oregon, at \$36,457, was awarded contract by the U. S. Engineer Office, 208 Custom House, Portland, under Bid No. 628-28-96, for performing all work for the diversion of King, Coal, Earnes and other creeks and interruptions and additions to the piling plant and culvert, situated in and adjacent to Cowlitz County Drainage Improvement District No. 1, Cowlitz County, Wash. Estimated cost, \$45,715.

**BIDS WANTED**

**PINE RIVER PROJECT, Colo.**—Until November 16, 10:00 a. m., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Durango, Colorado, under Spec. No. 705, for the construction of the Vallecito Dam, Pine River Project, Colorado.

Work involves:

- (1) 525,000 c. y. stripping.
- (2) 839,000 c. y. common excav. for dam to be separated.
- (3) 151,000 c. y. common excav. for dam not to be separated.
- (4) 80,600 c. y. rock excav. for dam.
- (5) 3,190,000 c. y. common excav. in borrow pits for embank. fill.
- (6) 95,000 c. y. rock excav. in borrow pits.
- (7) 50,000 c. y. all classes excav. in borrow pits for cobble fill.
- (8) 45,000 c. y. backfill.
- (9) 35,000 c. y. refill of diversion channel.
- (10) 3,200,000 c. y. earth fill in embank.
- (11) 80,000 c. y. cobble and sluiced gravel fill.
- (12) 275,000 c. y. cobble and rock fills on slopes of embankment.
- (13) 126,700 c. y. riprap.
- (14) 70 c. y. porous concrete.
- (15) 7,700 cu. ft. pressure grouting.
- (16) 24,260 cu. yds. concrete.
- (17) Placing 2,770,000 lbs. reinforcing bars.
- (18) Constr. 14,400 ft. 4-in. to 12-in. sewer pipe drains.
- (19) Drilling 11,520 ft. grout, weep and anchor bar holes.
- (20) Installing 1,000 ft. metal sealing strips.
- (21) Installing 2000 sq. ft. elastic filler material in expansion joints.
- (22) Installing 55,000 lbs. trash rack metalwork.
- (23) Installing 183,000 lbs. high pressure gates and control apparatus.
- (24) Installing 320,500 lbs. radial gates and appurtenances.
- (25) Installing 36,800 lbs. misc. metalwork.
- (26) Installing 600 ft. elec. metal conduit.
- (27) Installing 2700 lbs. elec. conductors and apparatus.
- (28) Constructing log crib drop in diversion channel.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the spec. which will be a part of the contract.

Plans and specifications may be obtained from the above office. 30

**31—PIPE LINES & WELLS****CONTRACT AWARDED**

**TUCSON, Arizona**—The Tucson City Council, P. E. Butler, City Manager, awarded the following contracts for furnishing water pipe, fittings, valves, etc.:

Pacific States Cast Iron Pipe Co.—Sch. A—(1) 15,288 ft. 4-in. factory type joint C pipe, class 150, cement lined, at \$2.25 ft.; (2) 15,172 ft. 6-in. same at 95¢ ft.; (3) 1800 ft. 6-in. same at \$1.43 ft.; Sch. B—(2a) 9 6x3-in. all bell crosses at \$12.95 each; (1b) one 8x4-in. same at \$19.15; (2c) 6x6-in. all bell tees at \$11.45 each; (2b) 6 6x6-in. cutting in tees at \$19.10 ea.; (3b) 11 6-in. 22-deg. bends at \$7.65 ea.; (4) 6 6-in. 11-dog. bends at \$6.35 ea.; (5) 6 6-in. 11-dog. bends at \$6.20 ea.; (4a) 6 6x3-in. large end bell reducers at \$6.70 ea.; (4b) 20 4-in. x 6-in. small end bell reducers at \$5.55 ea.; (5) 10 6-in. B & S offsets (L-34-

in. 6-12-in.) at \$12 ea.; (6a) 6 6x10-in. split sleeves, not lined, at \$6.75 ea.; (6b) 6 6x12-in. same at \$9.70 ea.; (6c) no bid; (7) 12 4-in. solid sleeves 4x10-in., not lined, at \$4.85 ea.

Crane Co.—Sch. C—(1A) 56 4-in. bronze solid wedge gate valves, all a, at \$13.40 ea.; (2) 52 6-in. same at \$22.90 ea.; (3) 6 8-in. same at \$38.07 ea. This firm was also awarded the contract for 4-in. bronze parallel gate, All B, at \$16 ea.; and also Item (4) 2 6-in. inserting valves at \$60 ea.; Sch. E—120 C. I. valve boxes, 5 1/2-in. to fit valve up to 8-in. at \$3 ea.

Mommsen, Dunnegan & Ryan—Sch. D—(1a) one 6x4-in. tapping sleeve at \$15.34 ea.; (1b) one 6x6-in. same at \$17.07; (1c) one 12x6-in. same at \$30.64; (1d) one 12x8-in. same at \$31.64; (2a) one 6x4 cross at \$18.59; (2b) one 8x6-in. cross at \$25.54; (3a) 3 4-in. tapping valves at \$16.26 ea.; (3b) 4 6-in. same at \$26.20 ea.; (3c) one 8-in. same at \$39.65 ea.; Sch. G—(1) 10 6-in. fire hydrants at \$58.28 ea.

Alhambra Foundry Co., Alhambra, Cal.—Sch. F—(1) 57 cast iron manhole frames and covers at \$13 ea. There were only two other bids on manhole frames and covers, viz.: Tucson Iron Works, \$16.32; Reliable Iron Fdy., \$18.

Complete bids on file at the office of the Daily Pacific Builder.

**CONTRACT AWARDED**

**SAN MATEO & SANTA CLARA COS., Calif.**—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at \$218,620, awarded contract by the San Francisco Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. W.D. 156, for the construction of the Palo Alto Pipe Lines, San Mateo and Santa Clara Counties.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Williams Bros. & Hoas, Inc., 1104 Merchants Exchange Bldg., San Francisco, at \$214,816, awarded contract by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Sp. No. W.D. 108, for the laying of 60-in. steel sunset discharge main, San Francisco.

**CONTRACT AWARDED**

**LONG BEACH, Los Angeles Co., Calif.**—Pacific Crane & Rigging, Inc., 6900 S. Alameda St., Los Angeles, awarded contract by the Union Oil Co. of Calif., for labor and material for installing 15,000 ft. 8-in. pipe (incl. welding) on Caspian Avenue, Wardlow Ave., Delta Ave., Hill St. and Nadeau Ave., Long Beach, and removing approx. 16,000 ft. 8-in. pipe line from streets in Long Beach and haul to owner's Santa Fe Springs yard.

**BIDS WANTED**

**BELLINGHAM, Whatcom County, Wash.**—Until Nov. 12, 9:30 A. M., bids will be received by Harry K. Binzer, City Comptroller, for furnishing materials for water mains, extending to new plant of Puget Sound Pulp & Timber Co. Work involves 3900 ft. of 24-in. cast iron or arc welded steel pipe; 15 8-in. to 15-in. gate valves, and 34,000 lbs. of cast iron fittings.

Plans and specifications may be obtained from the above office. \*

**BIDS OPENED**

**BOISE, Idaho.**—Western Pump Co., Ltd., P. O. Box 47, San Jose, at the Veterans' Administration Construction Service, Arlington Bldg., Washington, D. C., for the construction of a deep well pump at the Veterans' Administration Facility, Boise, Idaho.

Total bids follow:

Western Pump Co., Ltd., P. O. Box 47, San Jose—\$1,775.

Victor Equipment Co., Kimball Krough Pump Division, Los Angeles—\$2,000.

Olson Mfg. Co., Boise, Idaho—\$2,047.70.

Lessinger Plumbing & Heating Co., Boise—\$2,313.

Robert Garcia, Palo Alto, Calif.—\$2,660. \* 31

**CONTRACT AWARDED**

**BURBANK, Los Angeles Co., Cal.**—E. A. Irish, 1018 Mignonette St., Los Angeles, at \$18,720, awarded the contract by the Southern California Telephone Co. for constructing an underground conduit system in Magnolia Blvd., between Front St. and Blakeslee Ave., Burbank, and the North Hollywood area of Los Angeles.

**CONTRACT AWARDED**

**BOISE, Idaho.**—Western Pump Co., Ltd., P. O. Box 47, San Jose, at \$1,775 was awarded contract by the Veterans' Administration Construction Service, Arlington Bldg., Washington, D. C., for the construction of a deep well pump at the Veterans' Administration Facility, Boise, Idaho.

**BIDS WANTED**

**MONROVIA, Los Angeles Co., Cal.**—Until Nov. 3, 3 p. m., bids will be received by Monrovia city council, F. R. Schaller, City Clerk, for 1900 ft. 12-in. class 150 centrifugally cast iron bell and spigot pipe. Specifications on file at office of Water Superintendent. Bid bond or certified check for 10% must accompany bid.

**32—SEWERS & SEWAGE DISPOSAL PLANTS****BIDS WANTED**

**BARSTOW, San Bernardino Co., Cal.**—Until November 9 bids will be received by City of Barstow, W. A. Knaggs, Supt. Sanitary Board, for construction of sanitary sewer, treatment plant and pumping plant, in accordance with plans and specifications prepared by Currie Engineering Co., Andros Bldg., San Bernardino.

- The work involves:
- (1) Lump sum—treatment plant, complete.
  - (2) lump sum—pumping plant complete.
  - (3) 26985 ft. 8-in. vit. clay pipe.
  - (4) 2,235 ft. 10-in. vit. clay pipe.
  - (5) 1,968 ft. 12-in. vit. clay pipe.
  - (6) 2,124 ft. 15-in. vit. clay pipe.
  - (7) 535 ft. 4-in. C I pipe.
  - (8) 326 ft. 12-in. C I pipe.
  - (9) 60 ft. 15-in. C I pipe.
  - (10) 99 manholes.
  - (11) 1 flushing tank.

Plans and specifications may be obtained from the above office upon the deposit of \$15.00. \* 32

**BIDS WANTED**

**SHAFTER, Kern Co., Cal.**—Until November 16, 8:00 p. m., bids will be received by the Shafter Sanitary District for the construction of a treatment plant and sub-station complete, in accordance with plans and specifications prepared by Currie Engineering Co., 219 Andros Bldg., San Bernardino, upon deposit of \$15. Bid bond, certified check, 5%.

- The work involves:
- (1) 1880 ft. 15-in. vit. sewer.
  - (2) 13,000 ft. 12-in. vit. sewer.
  - (3) 1145 ft. 10-in. vit. sewer.
  - (4) 22,967 ft. 8-in. vit. sewer.
  - (5) 84 manholes.

**BIDS OPENED**  
**SAN FRANCISCO, Calif.**—Eaton & Smith, 715 Ocean Ave., San Francisco—\$58,834.20, submitted low bid for Dept. of Public Works, Room 51, City Hall, for the construction of sewers in the Hunters Point District. Est. cost, \$45,000.

- Work involves:  
 (1) 42,000 cu. yd. grading excav.  
 (2) 10,000 cu. yd. grading, fill.  
 (3) 4500 ft. 8-in. VCP sewer, in place.  
 (4) 2000 ft. 12-in. do do  
 (5) 32 ft. 15-in. do do  
 (6) 675 ft. 18-in. do do  
 (7) 320 8x8-in. Y branches, in place.  
 (8) 80 12-in. do do  
 (9) 40 18-in. do do  
 (10) 37 brick manholes, complete.  
 (11) 22 brick catchbasins, complete.  
 (12) 700 ft. 10-in. VCP culvert, in place.

Total bids follow:  
 A) Eaton and Smith, 715 Ocean Ave., San Francisco—\$58,834.20.  
 B) Chas. L. Harney, San Francisco—\$59,702.50.

Unit prices follow:

	(A)	(B)
1).....	.02	.10
2).....	2.60	2.70
3).....	3.00	3.00
4).....	3.60	3.75
5).....	4.20	4.50
6).....	1.50	1.50
7).....	3.00	3.00
8).....	6.00	6.00
9).....	112.00	115.00
10).....	120.00	120.00
12).....	3.00	2.00

**CONTRACT AWARDED**  
**SANTA ANA, Orange Co., Cal.**—Oberger Bros., 6024 Miramonte Blvd., Los Angeles, at \$15,257.46, submitted low bid and were awarded contract by Orange County Supervisors of the county flood control district, Santa Ana, for the construction of the East Richfield Storm Drain, near Atwood, in accordance with plans and specifications prepared by M. N. Thompson, County Flood Control Engineer, 328 Court House Annex, Santa Ana.

- The work involves:  
 (1) 803 cu. yd. concrete in place;  
 (2) 3812 cu. yd. excav.  
 (3) 89,900 lbs. reinf. steel;  
 (4) 39 cu. yd. struc. steel;  
 (5) 10 ft. 15-in. corr. metal pipe.

Total bids follow:  
 Oberger Bros., 6024 Miramonte Blvd., Los Angeles—\$15,257.46.  
 Radich & Brown, L. A.—\$16,929.83.  
 Werner & Webb, L. A.—\$17,343.85.  
 R. H. Liggett, Lynnwood—\$17,520.71.  
 Atlas Constr. Co., Pasadena—\$17,620.85.  
 Torson Constr. Co.—\$18,155.60.  
 C. F. Butterfield-Kennedy, San Pedro—\$18,594.70.  
 G. E. Kern, Long Beach—\$18,871.05.  
 Vido Kovacevich, L. A.—\$19,037.51.  
 Tomer Constr. Co., Culver City—\$19,895.15.  
 Oscar Oberger, L. A.—\$20,095.51.  
 Bebek & Brkich, L. A.—\$21,156.34.  
 Geo. J. Bock Co., L. A.—\$23,228.25.  
 Wells & Bressler, Santa Ana—\$21,897.09.  
 S. M. Milovich, Montebello—\$22,067.  
 Gogo & Rados, L. A.—\$23,522.45.  
 Wm. T. Loesch, Pasadena—\$24,613.85.  
 V. C. K. Constr. Co., L. A.—\$24,708.74.

**CONTRACT AWARDED**  
**DALLAS CITY, Ore.**—C. A. Dunn, Klamath Falls, at \$137,218, was awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, Ore., under Bid No. 694-34-44, for the sewer system and constructing pump houses and other concrete structures at Dallas City.

**33— WATER WORKS**

**CONTRACT AWARDED**  
**TOPPENISH, Yakima Co., Wash.**—Pittsburgh Des Moines Steel Co., at \$18,928, submitted low bid and was awarded contract by Aleta A. Bennett, City Clerk, for a 32-ft. diameter elevated tank.

**CONTRACT AWARDED.**  
**ALCOVA DAM, Wyoming**—Koppers Co., Western Gas Division, Ft. Wayne, Ind., at \$95,000.00 was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 754, for three motor-driven gate hoists for operating the 25-ft. 8-in. by 40-ft fixed-wheel gates to be installed in the spillway at Alcovia Dam, Kendrick Project, Wyo. Gate hoists will be installed by the Government, for shipping point and/or Casper, Wyoming. 33

**FUNDS APPROPRIATED**  
**TACOMA, Wash.**—The City Council appropriated \$70,000 for purchasing of water gate valves for industrial water main in Tiedflat area. Plans by City Water Superintendent, W. A. Kunigk. 33

**BIDS WANTED**  
**TOLEDO, Oregon**—Until Nov. 28, 2 p.m., bids will be received by the City of Toledo, C. B. Arthur, Recorder, for replacing existing distribution system, repairing existing reservoir, constructing pump plant on Siletz River and earth fill on Mill Creek. Work involves about 27,000 ft. of 12-in. pipe and 7000 ft. of 10-in. steel pipe. Estimated cost, \$110,091.

Plans and specifications may be obtained at the office of Beasley & Stoehr, 431 Railway Exchange Bldg., Portland. 33

**BIDS WANTED**  
**TOLEDO, Ore.**—Until Nov. 18, 2 p.m. (date changed from Nov. 28), bids will be received by the City of Toledo, C. B. Arthur, Recorder, for replacing existing distribution system, repairing existing reservoir, constructing pump plant on Siletz River and earth fill on Mill Creek. Work involves about 27,000 ft. of 12-in. pipe and 7000 ft. of 10-in. inch steel pipe. Estimated cost, \$110,091.  
 Plans and specifications may be obtained at the office of Beasley & Stoehr, 431 Railway Exchange Bldg., Portland.

**CONTRACT AWARDED**  
**TOPPENISH, Yakima Co., Wash.**—As previously reported, Pittsburgh Des Moines Steel Co., Smith Tower, Seattle, at \$18,928, submitted low bid and was awarded contract by the City of Toppenish, Aleta A. Bennett, City Clerk, for a 32-ft. diameter elevated tank.

Total bids follow:  
 Pittsburgh-Des Moines Steel Co., Smith Tower, Seattle—\$18,928 (32-ft. diameter tank); \$20,527 (38-ft. diameter tank).  
 Seattle Boiler Works, Seattle—\$21,185 (32-ft. diameter tank); \$21,835 (40-ft. diameter tank).  
 Chicago Bridge and Tank Co., San Francisco—\$23,090 (32-ft. diameter tank).  
 Yakima Cement Products Co., Yakima, Washington—Concrete alternate at \$25,480.

**BIDS WANTED**  
**VANCOUVER, Wash.**—Until November 1, bids will be received by the City of Vancouver, J. L. Henderson, City Engineer, Vancouver, for furnishing a 250,000 gallon tank for the city.  
 Plans and specifications may be obtained from the above office.

**NYE COUNTY, NEVADA—Highway Construction (State)**

**NYE CO., Nevada**—As previously reported, Isbell Constr. Co., 1300 E. 4th St., Reno, Nevada, at \$48,861.11, was awarded contract by the Directors of the Department of Highways, Hersey Memorial Bldg., Carson City, Nevada, for approximately 7.74 miles highway construction in Nye County, from a point approximately 5 miles north of the Junction of State Routes 4 and 8A to a point 12.8 miles north, Route 8, Sections A; and 2.

- Work involves:  
 (1) 58,372 cu. yd. roadway excav.  
 (2) 5,775 cu. yd. drainage excav.  
 (3) 35 sta V type ditches;  
 (4) 2,798 cu. borrow;  
 (5) 67,396 yd. sta overhaul (yd. sta.);  
 (6) 536 yd. mile overhaul (yd. ml.);  
 (7) 145 cu. struc. excav.

- (8) Lump sum, move corral and buildings;  
 (9) 7.74 miles subgrade, Type C;  
 (10) 19,876 tons, Type I, gravel base;  
 (11) 31,593 tons, gravel surface;  
 (12) 54 cu. Class A concrete;  
 (13) 5,290 lbs. reinf. steel;  
 (14) 68 cu. yd. rub rubble masonry;  
 (15) 31 each, monuments.

Total bids follow:  
 (A) Isbell Constr. Co., 1300 E. 4th St., Reno, Nevada—\$48,861.11.  
 (B) Silver State Constr. Co., Inc., Fallon—\$50,312.63.  
 (C) Nevada Rock & Sand Co., Inc., Reno—\$56,925.92.  
 (D) Dodge Construction, Inc., Fallon, Nevada—\$56,490.67.  
 (E) Oswald Brothers, Los Angeles—\$85,880.84.  
 (F) Geo. Pollock Company, Sacramento—\$67,702.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 27	\$ 28	\$ 33	\$ 40	\$ 35	\$ 45
(2)	35	25	35	40	35	45
(3)	5.00	5.00	5.00	5.00	6.00	10.00
(4)	35	25	35	25	40	48
(5)	.02	.02	.02	.02	.01 1/2	.03
(6)	25	10	25	20	20	25
(7)	1.50	2.00	1.50	1.50	2.00	1.50
(8)	500.00	500.00	125.00	250.00	150.00	500.00
(9)	100.00	100.00	100.00	100.00	150.00	200.00
(10)	40	.50	.48	.35	.65	.56
(11)	50	.50	.57	.55	.75	.59
(12)	35.00	30.00	30.00	30.00	35.00	35.00
(13)	10	10	10	07	10	08
(14)	10.00	10.00	20.00	10.00	6.00	10.00
(15)	3.50	4.00	3.00	3.00	5.00	4.50

LOS ANGELES COUNTY—GRADING & SURFACING—(State)

LOS ANGELES CO., Calif.—Macco Constr. Co., 815 Paramount Blvd., Clearwater, at \$228,807.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for grading and surfacing with plant-mixed surfacing and portland cement concrete about 3.2 miles between Encinal Canyon and Trancas Beach, Los Angeles Co.

- Work involves: (1) 170 sta. clear and grub right of way; (2) 4,900 M. gals. water; (3) 1,500 c.y. remove concrete; (4) 308,000 c.y. remove rdwy. excav., unclassified; (5) 3,200 c.y. ditch and channel excavation; (6) 2,500,000 sta. yds. overhaul; (7) 2,850 c.y. struc. excav.; (8) 46,000 sq. yds. preparing subgrade; (9) 170 sta. finishing rdwy.; (10) 10,700 tons min. aggregate plant-mix surf.; (11) 565 tons liquid asph. ROMC-4 or ROMC-5 (plant-mix surf.); (12) 96 tons liquid asph. SC-2 (prime coat); (13) 15,100 sq. yds. asph. paint binder (14) 56,000 sq. yds. preparing, mixing and shaping shoulders;

- (15) 685 tons liq. asph. SC-2 shoulders; (16) 9,080 c.y. Class A Portland cement conc. pavement; (17) 15,400 each pavement dowels; (18) 52,000 lbs. bar reinf. steel pave. and struc.; (19) 700 lbs. misc. iron and steel; (20) 220 c.y. Class A Portland cement conc., struc.; (21) 140 lf. 18-in. standard reinf. concrete pipe; (22) 990 lf. 24-in. do; (23) 500 lf. 8-in. CMP; (24) 150 lf. 18-in. do; (25) 800 lf. 24-in. do; (26) 700 lf. 30-in. CMP, 12 gauge; (27) 180 lf. 36-in. CMP, 10 gauge; (28) 310 c.y. Class A Portland cement concrete curbs; (29) 47 each spillway assemblies; (30) 57 each culvert markers; (31) 4.5 miles moving and resetting property fences; (32) 2.5 miles new property fence. (33) 12 inch drive gates.

- Total bids follow: (A) Macco Constr. Co., 815 Paramount Blvd., Clearwater—\$228,807.50. (B) Daley Corp., San Diego—\$233,648.40. (C) Harold Blake, Whittier—\$234,312.00. (D) N. M. Ball & Sons and McDonald, Berkeley—\$236,101.75. (E) C. O. Sparks & Mundo Engrg. Co., Los Angeles—\$238,328.00. (F) Griffith Co., Los Angeles—\$241,483.00. (G) J. E. Haddock, Ltd., Pasadena—\$242,598.50. (H) Sander Pearson & Minnis and Moody, Los Angeles—\$249,072.50. (I) Fredericksen and Westbrook, Lower Lake—\$249,154.00. (J) D. W. Thurston, L. A.—\$249,943.00. (K) Bodenhamer Constr. Co., Oakland—\$251,087.00. (L) Claude Fisher Co., Ltd., L. A.—\$253,325.75. (M) United Concrete Pipe Corp., L. A.—\$257,728.00. (N) Metropolitan Constr. Co.—\$262,402.75. (O) Oswald Bros., L. A.—\$266,632.

- Total bids follow: (A) Macco Constr. Co., 815 Paramount Blvd., Clearwater—\$228,807.50. (B) Harold Blake, Whittier—\$234,312.00. (C) Daley Corp., San Diego—\$234,418.40.

Unit prices follow:

Table with 14 columns labeled (A) through (O) and 33 rows of numerical data representing unit prices for various materials and quantities.

24—STREET LIGHTING

BIDS OPENED GRANTS PASS, Ore.—R. C. Flory, Grants Pass, at \$335, submitted low bid to the Procurement Division, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Grants Pass. Only other bid submitted by H. E. Webb, Grants Pass, at \$731. \* 34

35—TUNNELS

PLANNED WINNEMUCCA, Humboldt Co., Nev.—The Nevada Lucky Tiger Co., a subsidiary of the El Tige Combination Gold Mining Co. and the Buckskin National Co. plans to drive a tunnel from the Hatch Tunnel Workings to a Halcyon ore body. Estimated cost, \$15,900. Reports also have been issued among mild destroyed by fire August 3. \* 35 nouncing plans to reconstruct the

BIDS WANTED FORT PECK, Montana.—Until December 3, 11:00 a.m., bids will be received by the Division Engineer, Missouri River Division, Postal Telegraph Bldg., Kansas City, Mo., for the inspection of the main control shafts for Fort Peck tunnels. Henry J. Kaiser Co., 1522 Latham Square Bldg., Oakland, California, are figuring plans.

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KLAMATH COUNTY, OREGON—HIGHWAY CONSTR.—(Govt.)

KLAMATH CO., Ore.—E. L. Gates, Multnomah Hotel, Portland, Ore., at \$156,535.30, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, Ore., for constructing or improving 3.310 mi. Crater Lake National Park, Rim Road, Project 7-E2 Grading and 7-D1, D2, E1, E2 Bituminous Treatment, National Park Road Project, Crater Lake National Park, Klamath County, Oregon.

Work involves:

- (1) All reqd. maint. of exist. rd.
- (2) All reqd. extra and misc. force account;
- (3) 36 acres clearing;
- (4) 27 acres grubbing;
- (5) 2500 c.y. strip and store top soil;
- (6) 215,000 c.y. uncl. excav.;
- (7) 400 c.y. uncl. excav. for struc.;
- (8) 2000 c.y. uncl. excav. for borrow;
- (9) 116,000 sta. yd. special overhaul;
- (10) 1000 c.y. mi. special overhaul;
- (11) 22 acres roadside cleanup;
- (12) 3310 mi. finish earth graded roads;
- (13) 250 tons slow curing asphalt, subgrade treatment;

- (14) 1921 mi. fine grad. subg. and shoulders;
- (15) 70 sq. ft. dangerous trees and snags;
- (16) 40 c.y. class A cement stone masonry;
- (17) 750 ft 18-in. std. reinf. concr. culv. pipe;
- (18) 150 ft 24-in. std. reinf. concr. culv. pipe;
- (19) 90 ft 30-in. std. reinf. concr. culv. pipe;
- (20) 450 ft 18-in. extra str. reinf. concr. culv. pipe;
- (21) 110 ft 24-in. extra str. reinf. concr. culv. pipe;
- (22) 150 ft 30-in. extra str. reinf. concr. culv. pipe;
- (23) 20 ft 12-in. corr. galv. S M pipe;
- (24) 750 ft 18-in. bit. corr. S M pipe, Type I;
- (25) 450 ft 18-in. bit. corr. S M pipe, Type I;
- (26) 150 ft 24-in. bit. corr. S M pipe, Type I;
- (27) 110 ft 24-in. bit. corr. S M pipe, Type I;
- (28) 90 ft 30-in. bit. corr. S M pipe;
- (29) 150 ft 30-in. bit. corr. S M pipe;
- (30) 200 ft 30-in. corr. S M pipe;
- (31) 200 ft 6-in. perf. S M pipe, Type 2.

- (32) 70 sq. yd. paved culv. inlets, Type I;
- (33) 250 c.y. replace top soil;
- (34) 11,000 sta. yds. overhaul, top soil pile to pl.;
- (35) 200 c.y. mi. overhaul top soil pipe in pl.

Total bids follow:

- (A) E. L. Gates Portland Oregon—\$156,535.30.
- (B) Colonial Constr. Co. Spokane—\$161,453.40.
- (C) Clifford A. Dunn, Klamath Falls—\$164,585.20.
- (D) Leonard & Slate, Multnomah—\$165,618.00.
- (E) Harold Blake, Portland—\$165,661.00.
- (F) Wm von der Heilen, Yreka, Cal.—\$171,698.00.
- (G) Elliott & Co., Seattle—\$175,266.
- (H) E. C. Hall, Eugene—\$176,719.
- (I) Sam Orino, Bonneville—\$180,011.
- (J) McNutt Bros., Eugene—\$185,843.
- (K) A C Greenwood Co., Inc., Portland—\$197,571.
- (L) Parker & Schram Co., Portland—\$206,720.
- (M) George K Thompson & Co., Los Angeles—\$234,361.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1).....	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
(2).....	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
(3).....	350.00	275.00	400.00	100.00	350.00	400.00	350.00	350.00	300.00	400.00	400.00	500.00	500.00
(4).....	.30	.40	.25	.50	.60	.50	.25	.30	.60	.40	.60	.40	.30
(6).....	.60	.54	.54	.50	.52	.54	.60	.60	.55	.60	.65	.65	.84
(7).....	1.50	1.50	1.50	2.60	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.00
(8).....	.40	.40	.30	.20	.50	.50	.30	.40	.55	.30	.65	.35	.50
(9).....	.02	.015	.01	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02
(10).....	.20	.20	.18	.20	.20	.15	.20	.20	.25	.30	.20	.20	.25
(11).....	100.00	200.00	100.00	300.00	200.00	150.00	100.00	100.00	200.00	300.00	150.00	350.00	150.00
(12).....	500.00	300.00	1000.00	400.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	750.00	400.00
(13).....	20.00	30.00	23.00	25.00	24.00	20.00	20.00	20.00	25.00	25.00	25.00	27.50	21.00
(14).....	200.00	400.00	200.00	300.00	300.00	500.00	300.00	200.00	1000.00	500.00	200.00	400.00	700.00
(15).....	5.00	3.00	3.00	6.00	3.00	3.00	3.00	3.00	5.00	2.00	5.00	1.00	5.00
(16).....	15.00	18.00	40.00	25.00	12.00	20.00	20.00	15.00	20.00	20.00	15.00	15.00	20.00
(17).....	2.50	2.00	2.50	3.00	2.50	3.00	2.00	2.50	2.50	2.20	3.75	2.25	2.70
(18).....	3.00	2.70	3.50	4.00	3.50	4.00	2.75	3.00	3.50	3.25	5.00	3.25	3.70
(19).....	4.50	4.10	5.50	5.00	5.00	5.00	3.50	4.50	5.00	4.40	6.00	4.60	5.50
(20).....	3.00	2.20	3.00	3.25	2.75	3.50	2.25	3.00	2.75	3.00	4.00	2.75	3.40
(21).....	3.50	3.00	4.00	4.25	4.00	4.50	3.00	3.50	3.50	3.35	5.00	3.80	4.50
(22).....	5.00	4.60	6.50	6.00	5.50	5.50	4.50	5.00	4.90	4.85	6.00	5.50	7.00
(23).....	1.50	1.00	1.25	1.60	1.50	1.40	1.25	1.50	1.25	1.20	2.00	1.00	1.10
(24).....	2.25	1.80	2.00	2.00	2.00	2.50	1.75	2.25	2.00	1.75	2.50	2.00	1.70
(25).....	2.25	1.50	2.00	2.00	2.00	2.50	1.75	2.25	2.00	1.75	2.50	2.00	1.70
(26).....	3.00	2.70	2.75	3.00	3.25	4.00	2.50	3.00	3.00	2.50	4.00	3.00	2.60
(27).....	3.00	2.70	2.75	3.00	3.25	4.50	2.50	3.00	3.00	2.50	4.00	3.00	2.60
(28).....	4.00	3.40	3.50	4.00	3.50	4.50	3.00	4.00	4.00	3.35	6.00	4.00	3.00
(29).....	1.00	.75	2.00	2.00	1.00	1.00	1.00	1.00	.75	1.00	1.50	.70	1.00
(30).....	4.00	4.00	4.00	8.00	4.00	2.00	15.00	4.00	5.00	6.00	5.00	3.50	4.00
(32).....	.50	.25	.40	.50	.75	.50	.35	.40	.50	.50	.50	.40	.40
(33).....	.01	.015	.01	.03	.02	.03	.02	.02	.05	.01	.03	.02	.02
(34).....	.20	.17	.18	.20	.20	.15	.20	.20	.25	.30	.30	.20	.25

SUTTER COUNTY—BRIDGE CONSTRUCTION.—(State)

SUTTER COUNTY, Cal.—Heafey-Moore Co., Fredrickson and Watson Constr. Co., and Fredrickson Bros., Oakland, at \$172,525 (sub total) plus \$54,782 (Alternate "D"), submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete slab bridge, consisting of 18 6-in. span, one 7-ft. 6-in. span, twenty-two 15-ft. 0-in. spans and one hundred twenty-three 22-ft. 6-in. spans on concrete pile bents, across Sutter By-Pass, 12 miles west of Yuba City, Sutter Co.

Work involves:

- (1) 100 cu. yd. clear and grub;
- (2) 150 cu. yd. struc. excav.
- (3) 1,125,000 lbs. bar reinf. steel;
- (4) 5,050 cu. yd. class A Portland cement concrete;
- (5) 25,500 lbs. misc. steel;
- (6) \$396 lf. timber lining;
- (7) 1 bt misc. items of work;
- (8) Alternate Items—Alternative "A";
- (A) 21,950 lf. furnish precast concrete piles, standard spec type

- (9) 602 each driving pre-cast do. Alternative "B";
- (10) 24 used lf. furnish pre-cast concrete piles, centrifugally spun type.
- (11) 602 each driving pre-cast do. Alternative "C";
- (12) 24,050 lf. furnish concrete piles cast in place type not requiring mandrel;
- (13) 90 each driving steel shells, type not requiring mandrel.
- (14) 24,050 lf. furnish concrete piles cast in place mandrel type.
- (15) 602 each driving steel shells, mandrel type.

NOTE: A Bidder is required to submit a bid on one alternative, and max. but is not required to submit bids on all alternatives.

Total bid follows:

- (A) Heafey-Moore Co., Fredrickson and Watson Constr. Co. and Fredrickson Bros., Oakland, sub total \$172,525.
- (B) \$172,525.
- (C) \$172,525.
- (D) \$54,782.
- (E) \$172,525.
- (F) \$172,525.
- (G) \$172,525.
- (H) \$172,525.
- (I) \$172,525.
- (J) \$172,525.
- (K) \$172,525.
- (L) \$172,525.
- (M) \$172,525.

- (N) Campbell Constr. Co., Sacramento—\$176,905, Alt. "B" \$60,802, Alt. "D" \$60,802.
- (O) Andy Sordal and R. R. Bishop, Long Beach—\$187,690, Alt. "D" \$51,772.
- (P) John Roca, San Rafael \$186,390, Alt. "B" \$61,103, Alt. "D" \$61,103.
- (Q) Lindgren & Swinerton, Inc., San Francisco—\$184,435, Alt. "D" \$85,919.
- (R) A W Kitchen & Co., San Francisco—\$183,319.50, Alt. "A" \$68,718.40, Alt. "B" \$70,434 Alt. "C" \$73,444.
- (S) N M Ball Sons and D McDonald \$183,890, Alt. "A" \$69,230, Alt. "B" \$69,230, Alt. "D" \$69,230.
- (T) C W Caffery & Co., San Rafael—Combined \$267,545.
- (U) Clinton Constr. Co., San Francisco—\$201,932, Alt. "D" \$71,517.
- (V) George Follmer, Sacramento—\$201,925, Alt. "A" \$73,250.
- (W) Bates & Boggs, Contra C., Cupertino, Cal.—\$211,517.50, Alt. "A" \$82,900.50. Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	600.00	1500.00	700.00	4200.00	750.00	1000.00	340.00	4000.00	5000.00	400.00	500.00	560.00
(2)	1.50	2.00	1.50	1.00	2.00	3.00	1.20	2.50	2.00	2.50	1.50	3.70
(3)	.05	.047	.047	.046	.047	.048	.05	.052	.054	.051	.05	.047
(4)	20.50	20.00	21.70	21.00	22.80	22.50	22.57	20.80	22.50	25.80	26.00	28.65
(5)	.13	.15	.13	.16	.15	.12	.14	.18	.15	.18	.15	.19
(6)	1.00	1.10	1.15	1.80	1.50	1.20	1.12	1.50	1.30	1.34	1.25	2.15
(7)	700.00	3000.00	750.00	7000.00	1500.00	2700.00	350.00	2000.00	1000.00	1000.00	1000.00	825.00
(8)							2.30	2.25			1.25	2.55
(9)							33.00	25.00			75.00	32.20
(10)			1.50				2.10					
(11)		41.00					33.00					
(12)		2.10			2.00		2.40					
(13)		22.00			21.50		26.00		25.00			
(14)	1.65	1.60	1.60	1.65	2.14	1.60		2.25	2.00	1.72		
(15)	25.00	30.00	37.00	20.00	21.50	45.50		25.00	22.50	50.00		

### SAN BERNARDINO CO.—GRADING & PAVING—(State)

SAN BERNARDINO CO., Calif.—Match Brothers, Elnore, Calif., at \$318,226, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Room 808, State Bldg., Los Angeles, for about 19.3 miles to be graded and paved with asphaltic concrete and Portland cement concrete, between Los Angeles County Line and Colton, San Bernardino Co.

#### Work Involves:

- (1) 332 each, remove trees;
- (2) 63 each, remove and replant palm trees;
- (3) 4,546 M. gals. water;
- (4) 63,800 c.y. roadway excav., without class;
- (5) 134,000 sta. yds. overhaul;
- (6) 17,800 c.y. imported borrow;
- (7) 24,000 c.y. imported surf. matl.;
- (8) 2,310 c.y. struc. excav.;
- (9) 855 c.y. remove concrete;
- (10) 148,000 sq. yds. preparing sub-grade;
- (11) 1,020 sta. finishing roadway;
- (12) 230,000 sq. yds. preparing, mixing and shaping shoulders;
- (13) 233 tons liq. asph., SC-2, prime coat;
- (14) 1,410 tons liq. asph., SC-2;
- (15) 19,600 sq. yds. asphaltic paint binder;

- (16) 18,950 tons mineral aggregate asphalt conc.;
- (17) 978 tons asphaltic cement, grade 30 asphalt conc.;
- (18) 19,430 c.y. class B Portland cement concrete pavement;
- (19) 3 c.y. Class A Portland cement concrete railing;
- (20) 708 c.y. Class A Portland cement conc. structs.;
- (21) 23,350 c.y. Class A Portland cement concrete curbs, sidewalks and driveways;
- (22) 284,000 lbs. bar relinf. steel;
- (23) 38,000 each, pavement dowels;
- (24) 14,400 lbs. misc. iron and steel;
- (25) 268 lf. 18-in. CMP;
- (26) 112 lf. 24-in. CMP;
- (27) 112 lf. 36-in. CMP;
- (28) 24 lf. 48-in. CMP;
- (29) 860 lf. remove and salvage existing culvert pipe;
- (30) 154 lf. temporary guard railing;
- (31) 50 each, culvert markers;
- (32) 2,100 c.y. top soil;
- (33) 50 each, monuments;
- (34) 227 stations removing traffic stripes.

Total bids follow:

- (A) Match Bros., Elnore, Calif.—\$318,226.
- (B) David H. Ryan, San Diego—\$318,513.20.
- (C) Oswald Bros., Los Angeles—\$331,676.90.

Total bids follow:

- (A) Match Bros., Elnore—\$318,226.
- (B) Oswald Bros., Los Angeles—\$331,676.90.
- (C) David H. Ryan, San Diego—\$331,813.20.
- (D) Griffith Co., Los Angeles—\$335,028.50.
- (E) Daley Corp., San Diego—\$348,437.24.
- (F) Basich Bros., Torrance—\$353,437.24.
- (G) D. W. Thurston, Los Angeles—\$353,606.20.
- (H) Harold Blake, Portland—\$364,339.80.
- (I) S. W. Ball & Sons and D. Macdonald, Berkeley—\$367,302.70.
- (J) Metropolitan Constr. Co.—\$368,002.80.
- (K) United Concrete Pipe Corp., Los Angeles—\$371,533.00.
- (L) J. E. Haddock, Ltd., Pasadena—\$374,298.45.
- (M) Son. Calif. Roads Co., L. A.—\$378,446.90.
- (N) C. O. Sparks & Mundo Engrg. Co.—\$379,488.40.
- (O) W. E. Hull Co., Burbank—\$389,652.20.
- (P) Gibbons & Reed Co., Burbank—\$418,850.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1)	\$ 7.00	\$ 8.27	\$ 4.25	\$ 5.00	\$15.00	\$ 5.00	\$12.00	\$ 6.00	\$ 8.00	\$10.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ 6.00
(2)	30.00	30.00	35.00	25.00	25.00	30.00	30.00	30.00	35.00	35.00	30.00	20.00	35.00	25.00	36.00	35.00
(3)	1.00	1.15	1.00	2.00	1.65	.75	1.30	.75	1.00	.80	1.25	1.00	2.50	1.80	2.00	2.00
(4)	.225	.25	.22	.26	.35	.17	.34	.22	.23	.30	.20	.36	.25	.35	.29	.51
(5)	.005	.005	.0025	.005	.005	.005	.005	.005	.01	.005	.01	.01	.005	.005	.005	.01
(6)	.33	.45	.35	.60	.50	.37	.50	.60	.60	.45	.45	.60	.90	.42	.48	.55
(7)	.45	.75	.52	.60	.75	.80	.75	.70	.65	.60	.70	.80	.85	.80	.72	.77
(8)	.90	1.00	1.00	1.50	1.40	1.20	.75	1.00	1.00	1.00	1.00	1.00	.90	1.00	.90	1.65
(9)	2.50	2.00	1.50	3.00	2.95	1.50	2.25	2.50	3.00	2.00	2.00	2.15	3.50	3.00	3.80	3.00
(10)	.11	.08	.095	.09	.12	.06	.09	.08	.10	.10	.10	.07	.10	.09	.10	.09
(11)	4.00	5.00	5.00	2.00	5.00	5.00	3.00	6.00	5.00	7.50	7.00	10.00	3.00	8.00	4.20	6.00
(12)	.05	.045	.05	.05	.05	.045	.05	.06	.06	.06	.08	.05	.05	.06	.055	.05
(13)	10.00	7.50	8.00	8.00	8.00	9.00	14.00	8.00	10.00	8.00	20.00	9.00	8.30	9.50	9.00	14.00
(14)	6.40	7.00	8.00	7.00	7.50	8.00	8.00	8.00	7.60	6.70	8.00	7.40	8.30	9.00	8.00	9.00
(15)	.025	.02	.03	.015	.02	.015	.02	.04	.01	.02	.02	.02	.02	.02	.02	.02
(16)	2.25	2.30	1.95	2.29	1.95	2.49	2.33	2.25	2.45	2.50	2.80	2.65	2.30	2.35	2.85	2.85
(17)	12.00	12.00	13.00	12.00	11.10	13.10	13.50	12.00	13.00	13.50	11.00	12.50	15.00	11.50	13.00	14.00
(18)	6.35	6.30	6.60	6.00	6.00	6.89	6.65	7.55	7.25	7.00	7.00	6.50	7.40	6.80	7.60	7.70
(19)	60.00	60.00	50.00	75.00	60.00	100.00	65.00	50.00	60.00	60.00	75.00	60.00	90.00	90.00	100.00	70.00
(20)	17.00	19.00	25.00	20.00	30.00	18.85	19.25	24.00	24.00	22.50	22.00	22.00	24.00	22.00	18.00	22.00
(21)	10.50	14.00	13.50	15.00	15.00	22.00	12.75	12.00	13.50	14.00	15.00	14.00	16.00	13.00	19.00	13.80
(22)	.05	.05	.06	.06	.05	.0522	.06	.06	.057	.07	.065	.07	.06	.07	.065	.07
(23)	.12	.12	.14	.12	.13	.15	.15	.13	.135	.15	.15	.15	.13	.15	.14	.15
(24)	.35	.44	.35	.35	.35	.45	.35	.40	.35	.40	.35	.40	.35	.40	.35	.40
(25)	1.75	1.65	1.70	2.00	1.90	1.80	2.00	2.00	2.00	2.00	2.00	1.70	2.80	1.75	2.00	1.90
(26)	2.50	2.50	3.00	3.00	2.85	2.64	3.00	3.60	2.80	3.00	3.00	2.70	3.50	2.50	3.00	2.80
(27)	5.00	4.65	5.50	5.00	5.60	5.17	5.50	5.00	5.40	5.50	6.00	5.25	5.50	4.70	5.75	5.50
(28)	7.00	7.00	7.00	7.00	8.75	7.06	8.00	7.00	8.00	8.00	8.00	7.25	9.00	7.00	8.00	7.60
(29)	.60	.40	.50	1.00	1.00	.50	.60	1.00	.50	1.00	1.00	.50	.60	1.00	1.00	1.50
(30)	1.00	1.00	2.00	2.00	2.00	2.00	1.25	2.00	1.50	2.00	1.50	1.25	1.25	1.00	1.50	1.40
(31)	2.00	2.00	1.50	3.00	2.50	2.50	3.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
(32)	.50	1.25	1.20	1.00	1.00	.90	1.05	1.00	1.00	1.25	1.00	1.50	1.20	1.50	1.20	1.50
(33)	3.00	2.50	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.50	3.00
(34)	1.00	1.50	2.50	2.00	2.00	3.00	1.70	5.00	2.00	2.00	2.00	1.50	1.80	2.00	1.50	2.00

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# MACHINERY & MATERIAL

• Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 1914—Dishwashing machines, electric, capacity 50 baskets of dishes per hour, for San Diego, November 9th.

SCH. 1902—Laundry washing machine, belt driven and spares, for Mar Island, November 2nd.

SCH. 1920—Motor truck for San Pedro, November 9th.

SCH. 1910—Telephone cable for San Diego, November 2nd.

SCH. 1950—38,800 lbs. spun oakum, for eastern and western yards, November 9th.

SCH. 1906—Teak for eastern and western yards, November 9th.

BREMERTON, Wash.—Until Nov. 2, bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, Wash., under No. B-216, for the sale of scrap aluminum, artificial metal, brass, brass articles, bronze, copper wire and cable, copper tubing, iron, corrosion resisting steel, scrap steel, mixed scrap, metal, scrap zinc, dross, zinc, zinc skimmings, electric motors, miscellaneous blocks, iron and wood, batteries and cordage.

## WAR DEPARTMENT

SAN FRANCISCO, Cal.—Until November 2, 3:00 p.m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, for furnishing supplies and materials, as follows:

BID NO. 865-38-60—Douglas fir lumber of various sizes; f.o.b. bidders' shipping point.  
BID NO. 865-38-59—700 lb. ft. fence wire and 25 lbs. staples; f.o.b. Reservoir Site, Yerba Buena Island, Cal.

SACRAMENTO, Cal.—Until November 9, 3:00 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-38-117—Files, spikes, bolts, nuts, pipe plugs, gaskets and rope; f.o.b. Rio Vista, Cal.  
BID NO. 1105-38-118—Douglas fir lumber of various sizes; f.o.b. Rio Vista, Cal.

BID NO. 1105-38-119—200 lbs. cup grease in 10-lb. cans and 2½ lbs. cup grease; f.o.b. Rio Vista, Cal.

FORT MASON, Cal.—Until November 5, 10:00 a.m. (date postponed from October 28), bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-38-122, for furnishing one electric mixing machine, 60-gal. capacity, not less than ¾ h.-p.; f.o.b. New York General Depot, 1st Ave. and 58th St., Brooklyn, N. Y.

SAN FRANCISCO.—Until Nov. 4, 3 p.m., bids will be received by the U. S. Engineer Office, 401 Custom

House, San Francisco, under Bid No. 865-38-61, for the hire for 400 hours of one cutter-head pipeline dredge and attendant plant in Petaluma Creek, Calif.

Plans and specifications may be obtained from the above office.

## CONCHAS DAM

CONCHAS DAM, New Mexico.—Until November 5, 11:00 a.m., bids will be received by the U. S. Engineer, Conchas Dam, New Mexico, for 1) 5000 ft. new 4-in. pipe, suitable for transporting water to be used for sprinkling purposes only. Pipe may be either 4-in. standard weight with the ends T & C. slip joint coupled, or plain end with new couplings; or thin wall pipe, 4-in. O. D., 15-ga. or heavier, with slip joint coupled, or plain end with new couplings. Dresser or equal furnished. Pipe to be furnished in random lengths of not less than 16-ft. nor more than 44-ft. f.o.b. Newkirk, New Mexico. Alternate bids will be taken on (1a) 5000 ft. of the same, but used pipe. Invitation W911-38-52.

## CANAL ZONE

PANAMA CANAL.—Until November 5, 10:30 a.m., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., under Sec. No. 3297, for furnishing supplies and materials, including:

Concrete mixer, structural steel, metal roofing, steel windows, steel doors, wire glass, lockers, woodworking machine, pipe fittings, socket wrench, screw, grinding hose, nozzles, stepladders, pulleys, gauges, tennis nets, asbestos pipe packing, graphite paint, oil, steel plates and creosoted southern yellow pine cross and switch ties; f.o.b. Cristobal and/or Balboa, Canal Zone, Isthmus of Panama.

Plans and specifications may be obtained from the above office, and at the office of the Assistant Purchasing Agent, the Panama Canal, Fort Mason, San Francisco.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until November 3, 10:00 a.m., bids will be received by Metropolitan Water District Purchasing Agent for SALE of miscellaneous construction equipment, including double chain hoists, speed reducer, table saw, oil burner, iron furnace, multi-blade fan, turbine, air hoist, hot water heaters, truck, push cars, mine cars, supply cars, nozzle-man's platform cars, transformer bank cars. Bid SM 391.

LOS ANGELES, Cal.—Until November 3, 10:00 a.m., bids will be received by Metropolitan Water District Purchasing Agent for SALE of misc. construction materials including lacquer thinner, carbide lanterns, mild steam steel water, air and material hose, shovels, ball bearing, elevator buckets, forge hood, water motor, gears, mortar box, pressure relief valves, speed reducers, flow troughs, gages, and pans. Bid SM 389.

## WAR DEPARTMENT

SACRAMENTO, Cal.—Until November 2, 5:00 p.m., bids will be received by the U. S. Engineer Office,

Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

BID NO. 1105-38-114—20 bales rags; f.o.b. Rio Vista.

BID NO. 1105-38-116—Taper pins, bushings, Ellis screws, chain and hose; f.o.b. Rio Vista.

## TREASURY DEPARTMENT

SAN FRANCISCO, Cal.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th Street, San Francisco, for furnishing supplies and rental of equipment, as follows:

November 1, 10:00 A.M.

BID NO. 462—17 tons liquid asphalt, type SC-2; f.o.b. customer's Tank trucks at Vendor's plant and/or Insulated Tank Car, at Vendor's plant.

November 3, 10:00 A.M.

BID NO. 4623—800 sacks Portland cement; f.o.b. Eureka, Cal.

BID NO. 4624—600 sacks Portland cement; f.o.b. Chico, Butte Co., Cal.

BID NO. 4625—4800 gallons Diesel fuel oil, gravity 27 plus; f.o.b. Migratory Labor Camp, Marysville, Cal.

November 4, 10:00 A.M.

BID NO. 4625—Rental of one electric table saw, direct drive, equipped with 2 16-inch combination circular saws and driven by a 5 h.p., 3-phase, 220-volt motor; f.o.b. Geneva Avenue and Rio Verde Street, San Francisco.

November 5, 10:00 A.M.

BID NO. 4630—Flanges, packing rubber, ferrules, pipe, elbows, tees, and Y's; f.o.b. Larkin and Beach Streets, San Francisco.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until November 5, 2:00 p.m., bids will be received by Los Angeles Water and Power Purchasing Agent for lead covered cable as follows:

- (1) 10,000 ft. of No. 12 AWG solid, 2 conductor, rubber insulated cable.
  - (2) 8500 ft. of No. 10 AWG, 7-strand same.
  - (3) 6000 ft. of No. 8 AWG same.
  - (4) 1500 ft. of No. 4 AWG same.
  - (5) 6000 ft. of No. 2 AWG, 1 conductor, same.
  - (6) 2000 ft. of No. 4 0 AWG, 19-strand same.
  - (7) 2500 ft. of No. 4 AWG 7-strand, 3 conductor, same.
  - (8) 3000 ft. of No. 6 AWG 7-strand, 3 conductor, same.
- Spec. No. 2146.

LOS ANGELES, Cal.—Until November 2, 2:00 p.m., bids will be received by the Los Angeles Water and Power Purchasing Agent for copper wire connector, as follows:

- (1) 2500 only for No. 8 AWG solid wire.
  - (2) 5000 only for No. 6, same.
  - (3) 10,000 only for No. 4, same.
  - (4) 2000 only for No. 1 0 stranded wire.
  - (5) 1000 only for 2 0 stranded wire.
- Spec. No. 2136.

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## IN THIS ISSUE



Low Bids Total \$459,000  
On State Jobs



*Lowrie Low On Ocean Avenue Project*



Building Permits, Advance Reports  
of Building and Engineering  
Projects



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SAN FRANCISCO, CALIF., NOVEMBER 6, 1937

No. 42

## LOWRIE PAVING LOW ON OCEAN AVE. CONTRACT

City Departments Get Bids for  
Five Projects in a  
Quiet Day

The San Francisco Department of Public Works and the Public Utilities Commission yesterday opened bids on five contracts calling work costing approximately \$36,261, in the aggregate.

Hamilton Morton, Jr., at \$10,750 submitted the low bid to the Public Utilities Commission for paving with riprap around the spillway and inlet tower near the easterly end of San Andreas Dam in San Mateo county. Other bidders were: William O. Tyson, at \$11,450, and W. J. Tobin, at \$31,525.

Bids on four jobs were opened, but no bid calls were issued, by Director William H. Worden at the regular Wednesday meeting of the Department of Public Works.

### Ocean Avenue

The Lowrie Paving Company, at \$20,035 submitted the low bid for reconstruction of Section C of the Ocean Avenue Improvement Project, running from Pinehurst way to Junipero Serra boulevard. The second lowest bidder was Eaton & Smith, at \$20,123.

Other bidders were: Pacific Pavements Company, Ltd., at \$21,147; Pacific States Const. Co., at \$21,177.50; Charles L. Harney, at \$21,550; A. G. Raisch, at \$21,885; The Fay Improvement Co., at \$22,440.50; and M. J. Lynch, at \$23,384.

Other low bidders on Works Department jobs were: Hanson Bros. at \$3495, on moving buildings at Aquatic Park; D. E. Burgess, at \$1665, on painting the Third St. bridge; and Anchor Post Fence Co. at \$516, on installing two sets of wrought iron gates at Raphael Weill school.

Shipments of fire extinguishing motor apparatus totaled 560 units during the first eight months of 1937, as compared to shipments of 425 units during the same period in 1936, the Bureau of Census announces.

## \$50,000 BEQUEST FOR PLAYGROUND

Among the numerous bequests of the late William W. Carson, San Francisco lumber magnate who died last week, was a gift of \$50,000 to the city of Eureka for the establishment of a playground or community center, the filing of his will here this week revealed.

What plans will be made by the city for expenditure of the money was not known yesterday. Formulation of plans probably will be contingent upon knowledge of when the funds will become available for such construction as may be decided upon.

## Plan \$440,000 Work At Oakland Harbor

An urgent request from the Oakland Port Commission that some \$300,000 in harbor bonds be sold immediately in order to allow needed construction had been referred yesterday by the city council to City Manager Hassler.

Heading the list in "immediacy" of the planned projects is improvement of and addition to the Ninth avenue pier, for which a federal grant of \$72,225 has been allotted. This work must be started by December 13, or the grant will be lost, the commission reported. The project would cost \$160,000.

Other work planned includes construction of a hangar at Oakland municipal airport, \$180,000; opening and improvement of Maritime street from Fourteenth to the new bridge overpass; enlargement of airport runways, \$100,000; and purchase of needed property, \$5,000.

The 400-foot Spire to the Sun of San Francisco's 1939 World's Fair will be lighted with intense white on the outside, a rose red within.

Shipments of steel shelving during August totaled \$491,105, as compared to shipments amounting to \$419,781 during the same month in 1936, the Bureau of Census announces.

## BIDS RECEIVED BY COMMISSION ON THREE JOBS

\$459,000 Low Proposals Submitted On Highway Work In Four Counties

SACRAMENTO, Nov. 3.—Low bids aggregating more than \$459,000 were submitted to the State Highway Commission today on 3 State Division of Highways contracts for work in San Joaquin, Sacramento, Humboldt and Mendocino counties.

Hemstreet & Bell, 501 Eleventh street, Marysville, at \$226,636 submitted the lowest of eight bids for grading and surfacing about two and nine-tenths miles in Humboldt county, between Myers and Stegemeyer bluff.

Second and third low bidders, respectively, were N. M. Ball Sons and D. McDonald at \$232,549, and Poulos & McEwen at \$232,635.

### Paving Contract

Fredericksen & Westbrook, Lower Lake, submitted a low proposal of \$205,803 for grading and paving about five miles in San Joaquin and Sacramento counties, between Jantant Corner and one mile north of Galt.

David H. Ryan, San Diego, at \$209,428, and N. M. Ball Sons and D. McDonald at \$212,313, were second and third low bidders, respectively.

For grading about one and six-tenths miles in Mendocino county, a low bid of \$27,245 was submitted by A. R. Maestretti, 318 Elks Bldg. Stockton.

Second and third low bidders for this contract were Young & Son Co., Ltd., Berkeley, at \$27,906; and Guerin Bros., San Francisco, with a proposal of \$29,317.

### "BLACK LIGHT"

Invisible "Black Light" acting on fluorescent paint will be one of the unusual color features to be incorporated in the scheme of the architectural decoration at the 1939 Golden Gate International Exposition, according to Fair officials.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
77	Amer. Trn.	Mason	20000
78	Bresnahan	Grant	2700
79	Carraro	Carrar	3500
80	Doelger	Owner	4500
81	Doelger	Owner	4500
82	Fisher	Fisher	8000
83	Liebman	Owner	7000
84	Lindsay	Owner	3500
85	Lindsay	Owner	3500
86	Morris	Owner	4000
87	Nordwell	Owner	20000
88	Somerton	Emanuel	15000
89	Whitney	Owner	1200
90	Zella	Owner	1000
91	Bertsch	Presco	4900
92	Hallgren	Owner	3500
93	Hanify	Dlnwiddle	1000
94	Herman	Fink	1950
95	Lyon	Dlnwiddle	9500
96	Norton	Cahill	1500
97	Patterson	Owner	3000
98-9	Dahlstrom	Owner	5000
100	Higgins	Magini	5000
101	Reilly	Bourdieu	2990
102	Bafanovich	Owner	1000
103	Beatty	Bourdet	1400
104	Bothin	Mattock	10000
105	Cashel	Owner	1850
106	Christensen	Owner	4000
107	Christensen	Owner	4000
108	Flood	Mehnerger	1000
109	Gilmore	Gettins	1000
110	Pbea	Ennis	4300
111	Schmidt	Owner	3250
112	Standard	Owner	6000
113	Bangas	Owner	2000
114	Giannini	Owner	6000
115	Larsh	Gladstone	14000
116	Mendo	Janssen	4000
117	Retailers	Jones	3000
118	Rivers	Owner	2000
119	Samuels	Petersen	1000
120	Seller	Jacks	5000
121	Stent	Mattock	1000
122	Union Oil	Early	6000

### ALTERATIONS

(77) 1215 MARKET ST. Alter bank. Owner—American Trust Co., Prem. Contractor—Monson Bros., 475 6th St. Engineer—Geo. E. Atkins, Hobart Bldg. Architect—W. W. Harper, 1405 Franklin St. \$20,000

### ALTERATIONS

(78) 415 11TH AVE. Alter flats. Owner—R. and B. Bresnahan, 1837 Steiner St. Contractor—Lincoln U. Grant, 658 Third Ave. Architect—Not Given. \$2700

### DWELLING

(79) N. HOLLISTER AVE., 25 W JENNINGS. One-story & basement frame dwelling. Owner—G. Carraro, 750 Felton St. Contractor—G. Carrar & Sons, 750 Felton St. Architect—Not Given. \$3500

### DWELLING

(80) E. 16TH AVE. 388 S ORTEGA. One-story and basement frame dwelling. Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4500

### DWELLING

(81) E. 16TH AVE. 422 S ORTEGA. One-story and basement frame dwelling. Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$4500

### ALTERATIONS

(82) 540 HOWARD ST. Alter factory. Owner—M. Fisher, 1405 Bush St. Contractor—M. Fisher & Son, 1405 Bush St. Engineer—Alfred P. Fisher, 111 Sutter St. Architect—Not Given. \$8000

### FLATS

(83) NE 28TH AVE AND FULTON STS. Two-story and basement frame flats. Owner—Ben Liebman, 3319 Fillmore St. Architect—Irvin Goldstein, 1200 Oak St. \$7000

### DWELLING

(84) W. 24TH AVE., 125 S KIRKHAM. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval St. Architect—Not Given. \$3500

### DWELLING

(85) W. 24TH AVE., 150 S KIRKHAM. One-story and basement frame dwelling. Owner—C. T. Lindsay, 820 Taraval. Architect—Not Given. \$3500

### DWELLING

(86) W. 30TH AVE., 305 S VICENTE ST. One-story and basement frame dwelling. Owner—G. W. Morris, 95 Pinehurst Way. Architect—D. E. Jaekle, 126 Post St. \$4000

### ALTERATIONS

(87) 617-35-37-43 BATTERY. Alter warehouse. Owner—Nordwell Estate, 68 Post St. Architect—Not Given. \$20,000

### ALTERATIONS

(88) 440 GEARY ST. Alter hotel. Owner—Hotel Somerton, Prem. Contractor—L. & E. Emanuel, Inc., 2665 Jones St. Architect—Albert R. Williams, 251 Post St. Engineer—William Adrian, 417 Market St. \$15,000

### ALTERATIONS

(89) 1550 POINT LOBOS. Alter store. Owner—Whitney Bros., 4800 Cabrillo. Architect—Not Given. \$1200

### ALTERATIONS

(90) 1917 FILLMORE ST. Alter flats. Owner—S. Zella, 1221 Divisadero St. Architect—Not Given. \$1000

### SHOP

(91) W. THIRD ST., 205 S. 20TH ST. One-story frame shop. Owner—Lester Bertsch, 819 Bryant Street. Contractor—Oscar Presco and Sons, 250 Langton St. Architect—Not Given. \$4900

### DWELLING

(92) E. 25TH AVE. 350 S. MORAGA. One-story and basement frame dwelling. Owner—A. Hallgren, 1594 29th Ave. Plans by C. O. Clausen, 746 46th Avenue. \$3500

### ALTERATIONS

(93) 1311 FILLMORE STREET. Alter store. Owner—Hanify Estate, care Cont.

Contractor—Dinwiddle Constr. Co., 210 Crocker Bldg. Architect—Not given. \$1000

### ALTERATIONS

(94) 1598 BUSH STREET. Alter Market. Owner—B. Herman Estate; prem. Contractor—The Fink and Schindler Co., 882 Brannan St. Architect—Not given. \$1950

### ALTERATIONS

(95) 1520 STOCKTON ST. Alter garage. Owner—Lyon Van and Storage Co., 1737 Lombard St. Contractor—Dinwiddle Construction Co., 210 Crocker Bldg. Plans by Albert F. Roller, Crocker Building. \$9500

### ALTERATIONS

(96) 2575 BAYSHORE BLVD. Alter shop. Owner—W. W. Norton, prem. Contractor—Cahill Bros., 206 Sansome Street. Engineer—Wm. Adrian, 417 Market Street. \$1500

### DWELLING

(97) N. JERROLD, 100 W. COLMAN. Two-story frame dwelling. Owner—Rosalie Patterson, 2030 Fillmore Street. Architect—Not given. \$1000

### DWELLING

(98) S. CHENERY, 144 E. ELK. One-story and base frame dwelling. Owner—Gust Dahlstrom, 160 Castro Street. Architect—Not given. \$3000

### DWELLING

(99) S. CHENERY, 119 E. ELK. One-story and base frame dwelling. Owner—Gust Dahlstrom, 160 Castro Street. Architect—Not given. \$3000

### DWELLING

(100) W. COLE, 203 S. CARMEL STREET. Two-story and base frame dwelling. Owner—Joe Higgins, 62 Monterey Blvd. Contractor—Magini & Redenbaugh, 283 4th Avenue. Architect—Not given. \$5000

### ALTERATIONS

(101) 22 CROWN TERRACE. Alter dwelling. Owner—E. Reilly Jr., prem. Contractor—J. B. Bourdieu, 2625 20th Street. Plans by Warren Perry, 255 California Street. \$2690

### ALTERATIONS

(102) 15 ITALY AVE. Alter dwelling. Owner—Nicholas Bafanovich, Prem. Architect—Not Given. \$1000

### ALTERATIONS

(103) 1300 JONES ST. Alter guest house. Owner—Jas. K. and V. Beatty, Prem. Contractor—W. Bourdet, 318 London Street. Architect—Not Given. \$1400

### ALTERATIONS

(104) 604 MISSION ST. Alter office building. Owner—Bothin Real Estate Co., Prem.

Contractor—A. F. Mattock Co., 212 Clara St.  
 Architect—A. McSweeney, 604 Mission St. \$10,000

WAREHOUSE  
 (105) S. CLEMENTINA, 250 E 9TH St. One-story frame warehouse.  
 Owner—William D. Cashel, 743 Clementina.  
 Architect—Not Given. \$1850

DWELLING  
 (107) W. 28TH AVE., 166 S RIVERA. One-story and basement frame dwelling.  
 Owner—Herman Christensen, 1801 19th Ave.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

DWELLING  
 (107) W. 28TH AVE., 91 S RIVERA. One-story and basement frame dwelling.  
 Owner—Herman Christensen, 1801 19th Ave.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

ALTERATIONS  
 (108) 36 FOWELL ST. Alter store. Owner—Flood Realty Co., Flood Bldg.  
 Contractor—H. S. Meinberger, 956 Folsom St.  
 Architect—Not Given. \$1000

ALTERATION  
 (109) NE 3RD AND 18TH STS. Alter service station.  
 Owner—Gilmore Oil Co., Prem.  
 Contractor—H. T. Gettins Co., 268 13th St.  
 Architect—Not Given. \$1000

DWELLING  
 (110) E. DESMOND, 200 N VISITACION. One-story and basement frame dwelling.  
 Owner—C. A. Phea, 235 S. Hill St., Los Angeles.  
 Contractor—F. Ennis, 55 New Montgomery St.  
 Architect—Not given. \$4300

DWELLING  
 (111) S. PRECITA, 273 W FOLSOM. One-story and basement frame dwelling.  
 Owner—Schmidt Bros., 25 Virgil St.  
 Architect—Not Given. \$3250

SERVICE STATION  
 (112) NE PT. LOBOS AND CAMINO DEL MAR. Service Station.  
 Owner—Standard Oil Co., 225 Bush St.  
 Architect—Not Given. \$6000

ALTERATIONS  
 (113) 1116 MARKET ST. Alter restaurant.  
 Owner—Chris Bangas, Prem.  
 Architect—Not Given. \$2000

DWELLING  
 (114) 201 PACHECO. Two-story & basement frame dwelling.  
 Owner—J. Giannini, 157 Lunardo Way.  
 Architect—Not Given. \$6000

DWELLING  
 (115) W. MONTCLAIR, 200 N OF LOMBARD. Two-story & basement dwelling.  
 Owner—H. G. Larsh, 42 Sixth Ave.  
 Contractor—D. B. Gladstone, 557 Market St.  
 Architect—Farr & Ward, 68 Post St.  
 Engineer—W. H. Ellison, Pacific Bldg \$14,000

DWELLING  
 (116) N. OCEAN AVE., 30 E OF WESTGATE. One-story and basement frame dwelling.

Owner—Mendo Corp., 1136 Clement St.  
 Contractor—E. Janssen, 1136 Clement St.  
 Architect—Not Given. \$4000

ALTERATIONS  
 (117) 45 STOCKTON ST. Alter office.  
 Owner—Retailers Credit Association of San Francisco.  
 Contractor—Paul K. Jones, 666 Mission St.  
 Architect—G. A. Dailey, 210 Post St. \$3000

DWELLING  
 (118) NE KIRKWOOD, 200 NW OF COLEMAN. One-story frame dwelling.  
 Owner—Armand Rivers, 550 Kirkwood Ave.  
 Architect—Not Given. \$2000

ALTERATIONS  
 (119) 1715 FILLMORE ST. Alter store.  
 Owner—L. Samuels, Prem.  
 Contractor—Anton Petersen, 2758 San Bruno Ave.  
 Architect—Not Given. \$1000

ALTERATIONS  
 (120) NW TENTH AND FOLSOM STS. Alter office.  
 Owner—M. Seller & Co., c/o Contractor.

Contractor—Jacks & Irvine, 620 Market St.  
 Architect—Not Given. \$5000

ALTERATIONS  
 (121) 2306 LEAVENWORTH. Alter dwelling.  
 Owner—F. H. Stent, Palo Alto.  
 Contractor—A. F. Mattock Co., 212 Clara St.  
 Architect—Leslie Nichols—Palo Alto. \$1000

SERVICE STATION  
 (122) NW OCEAN AND ALEMANY BLVD. Steel service station.  
 Owner—Union Oil Co., Mills Tower.  
 Contractor—Fred J. Early, Jr., 369 Pine St.  
 Architect—Not Given. \$6000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
217	Womack	Owner	3500
218	Womack	Owner	3500
No.	Owner	Contractor	Amt.
230	Hadden	Henderson	1200
231	Bowman	Altermatt	3000
232	Cerrato	Harris	1100
233	Milton	Owner	3000
234	Tide Water	Owner	5000
235	Youngstrom	Owner	5500
236	MacGregor	Owner	7200
237	Jacobs	Owner	4400
238	Tracy	Owner	3500
239	Warren	Owner	5500
240	Thompson	Nicholson	14000
241	Dowling	Owner	3750
242	Hill	Owner	3500
243	Dargio	Soder	5000
244	Peterson	Niska	4200
245	Baker	Owner	3000
246	Lund	Owner	3850
247	Piazza	Thrams	8200
248	Spraul	Owner	4500
249	Scherman	Spivock	4000

REPAIRS  
 (913) 1714 5TH ST., OAKLAND. Fire repairs.  
 Owner John Pulletti, 1730 9th St.  
 Contractor—W. K. Van Bokkelen, 439 23rd St.  
 Architect—Not Given. \$1000

DWELLING  
 (914) 5500 ST. PAUL CT., OAKLAND. Two-story 6-room dwelling.  
 Owner—C. C. Rhodes, 831 Poplar St.

Contractor—W. E. Bethel, 1338 67th St., Berkeley  
 Architect—Not Given. \$9900

ADDITION  
 (915) 2361 E. 29TH ST., OAKLAND. Two-story 32-room concrete addition.  
 Owner—Salem Lutheran Home Assn., Inc., Prem.  
 Contractor—Emil Person, 829 San Luis Pk., Berkeley.  
 Architect—H. H. Gutterson, 526 Powell St., San Francisco. \$52,728

ALTERATIONS  
 (916) 6730 BECK ST., OAKLAND. Alterations.  
 Owner & Builder—S. W. Shepherd, Prem.  
 Architect—Not Given. \$2000

DWELLING  
 (217) 6045 BUENA VENTURA OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—Womack & Son, 3402 14th Ave.  
 Architect—Not Given. \$3500

DWELLING  
 (218) 6039 BUENA VENTURA. One-story 5-room dwelling.  
 Owner & Builder—Womack & Son, 3402 14th Ave.  
 Architect—Not Given. \$3500

ALTERATIONS  
 (230) 1400 LE ROY, BERKELEY. Alterations.  
 Owner—D. R. Hadden, 691 Cragmont.  
 Contractor—H. B. Henderson, 393 40th St., Oakland.  
 Architect—Not given. \$1200

DWELLING  
 (231) 1742 WOODHAVEN WAY, Oakland. Two-story, 4-room dwelling.  
 Owner—Helena K. Bowman, prem.  
 Contractor—J. F. Altermatt, 239 Taurus Avenue.  
 Architect—Not given. \$3000

ADDITION  
 (232) 5542 MANILA AVENUE, Oakland.  
 Owner—Miss K. Cerrato, prem.  
 Contractor—G. V. Harris, 5912 Ayala St.

DWELLING  
 (233) 3408 65TH AVE., Oakland. One-story, 5-room dwelling.  
 Owner and contractor—C. E. Milton, 3408 65th Ave.  
 Architect—Not given. \$3000

GARAGE  
 (233) 3408 65TH AVE., Oakland. One-story garage.  
 Owner nd contractor—C. E. Milton, prem.

SERVICE STATION  
 (234) 1247 MIELEF, Ave, Oakland. One-story steel service station.  
 Owner and contractor—Tide Water Asso Oil Co., 79 New Montgomery Street, San Francisco.  
 Architect—Not given. \$5000

DWELLING  
 (235) 9025 Foothill Blvd., Oakland 1-story, 8-room dwelling.  
 Owner and contractor—Carl Youngstrom, 2400 89th Avenue.  
 Architect Not given. \$5500

DWELLING  
 (235) 9025 Foothill Blvd., Oakland 1-story, 2-room dwelling.  
 Owner and contractor—Carl Youngstrom, 2400 89th Avenue.  
 Architect Not given. \$1500

DWELLING  
 (236) 920 SPRUCE, BERKELEY. Two-story 7-room frame dwelling and garage.

Owner & Builder — C. M. MacGregor,  
1391 Solano.  
Architect—Not Given. \$7200

DWELLING  
(237) 2638 CAMINO LENADA. 2-  
story 5-room dwelling.  
Owner & Builder—Clarence P. Ja-  
cobs, 1284 Bates Road.  
Also 1-story garage, \$250.  
Architect—Not Given. \$4400

DWELLING  
(238) 3652 MIDVALE AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner & Builder—A. G. Tracy, 8415  
Plymouth St.  
Architect—Not Given. \$3500

DWELLING  
(239) 40 SONIA ST., OAKLAND.  
Two-story 6-room dwelling.  
Owner & Builder—Weldon H. War-  
ren, 3044 Dakota St.  
Architect—Not Given. \$5500

RESIDENCE  
(240) 54 WILDWOOD GARDENS,  
PIEDMONT. Two-story 8-room  
residence and garage.  
Owner—Dr. K. J. Thompson, 181 Oak  
Road, Piedmont.  
Contractor — D. W. Nicholson, 357  
12th St., Oakland.  
Architect—Miller & Warnecke.  
\$14,000

DWELLING  
(241) 4458 DAVENPORT AVENUE,  
OAKLAND. One-story 5-room  
dwelling.  
Owner & Builder—S. J. Dowling, 2800  
Clay St., Alameda.  
Architect—Not Given. \$3750

DWELLING  
(242) 3216 PARTRIDGE AVENUE,  
OAKLAND. One-story 5-room  
dwelling.  
Owner & Builder—Frank R. Hill, 3215  
Fruitvale Ave.  
Architect—Not Given. \$3500

STORE BLDG.  
(243) 2619 SAN PABLO AVENUE,  
BERKELEY. One-story 3-room  
brick store building.  
Owner—Joe Daggio, 1107 Carlton,  
Berkeley.  
Contractor—Oscar Soder, 4335 Se-  
quoiah Road.  
Architect—Not Given. \$5,000

DWELLING  
(244) 932 COLUSA AVE., BERKE-  
LEY. One-story 4-room frame  
dwelling and garage.  
Owner—W. C. Peterson, 1427 Fran-  
cisco.  
Contractor—A. Nishka, 1142 Allston  
Way, Berkeley.  
Architect—Not Given. \$1,200

DWELLING  
(245) 2214 88th AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—W. J. Baker,  
2255 Ransome Ave., Oakland.  
Architect—Not Given. \$3,000  
Also 1-story garage, \$150.

DWELLING  
(246) 3141 ARIZONA ST., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—R. O. Lund, 877  
53rd St., Oakland.  
Architect—Not Given. \$3,550  
Also 1-story garage, \$150.

STORE  
(247) 821 JEFFERSON ST., OAK-  
LAND. One-story brick store.  
Owner—Leno Piazza, 606 8th St.,  
Oakland.  
Contractor—C. H. Thrums, 28 Home  
Place East, Oakland.  
Architect—E. L. Snyder, 2104 Addi-  
son St., Berkeley. \$5,200

DWELLING  
(248) 4409 HARBORD DRIVE, OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—Harold R. Sproul,  
976 Creston Road, Berkeley.  
Architect—Not Given. \$4,500

DWELLING  
(249) 1501 26th AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner—Sol Scherman, 1538 26th Av-  
enue, Oakland.  
Contractor—Wm. Spivock, 544 Gol-  
den Gate Ave., San Francisco.  
Architect—Not Given. \$4,000

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
202 Smith	Johnson	7300
203 P. T. & T.	Collman	1597
204 Pacific States		
	Army St., Carp.	1372

DWELLING  
(202) CASTENADA AVE., LOT 19,  
BLK. 10, FOREST HILL. Two-  
story and basement frame dwell-  
ing.  
Owner—James W. and L. B. Smith.  
Architect—Resing & McGuinness.  
Contractor—Joel Johnson & Son.  
Filed and dated Oct. 30, 1937.  
Brown coat ..... \$1825  
Completion ..... 1825  
Usual 35 days ..... 1825  
TOTAL COST, \$7300.00  
Limit, 90 days. Plans and specifica-  
tions filed.

FINISH WORK, ETC.  
(203) 140 NEW MONTGOMERY ST.  
Finish partition and painting  
work in office building.  
Owner—The Pacific Tel. & Tel. Co.  
Contractor—A. D. Collman.  
Filed Oct. 29, '37. Dated Oct. 26, '37.  
75% completion.  
25% 40 days after.  
TOTAL COST, \$1,597  
Bond, \$1597. Surety, Pac. Indem. Co.  
Plans and specifications filed.

ALTERATIONS  
(204) 132 TURK ST. Alter store.  
Owner—Pacific States Savings and  
Loan Co.  
Contractor—Army Street Carpentry  
& Cabinet Shop.  
Filed Nov. 1, '37. Dated Oct. 8, '37  
75% 15th of month.  
25% usual 35 days.  
TOTAL COST, \$1372.50  
Bond, \$1372.50. Surety, U. S. Fidelity  
& Guaranty Co. Limit, 20 working  
days. Specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

No. Owner	Contractor	Amt.
133 Skaggs	Bruen	8862
134 Pac. Tel. & Tel.	Gest	3583

HEATING SYSTEM  
(133) 241-287 WAYNE AVENUE,  
Oakland. Hot water heating  
system for apartment house.  
Owner—M. B. Skaggs.  
Contractor—Robt. Bruen.  
Architect—F. Soderberg.  
Filed: Oct. 29, '37. Dated: Oct. 14, '37  
Pipes and fitting installed  
and tested ..... \$2600  
Completion ..... 4046  
Usual 35 days ..... 2216  
TOTAL—\$8862

Bond, \$8862.  
Surety—Mass. Bond & Ins. Co.  
Limit—December 15.  
Plans and specifications filed.

CONDUIT  
(134) 38TH AVENUE, OAKLAND.  
Installing underground conduit.

Architect—Not given.  
Owner—Pac. Tel. & Tel. Co.  
TOTAL—\$3583.98

Progress payments.  
Bond—\$3583.98.  
Plans and specifications filed.

### ALAMEDA COUNTY PERMITS UNDER \$1000

MOVE house, \$600; 1107 Carlton,  
Berkeley; owner, Joe Daggio,  
Prem.; contractor, Oscar Soder,  
4335 Sequoyah.  
ALTERATIONS, \$85; 2435 Webster,  
Berkeley; owner, H. R. Hay,  
Prem.; contractor, Jepson Bros.,  
1721 Francisco.

SIGN, metal, \$10; 7010 E. 14th St.,  
Oakland; owner, Amer. Creamery  
Co., 14th and Poplar Sts.  
SIGNS, metal, (2), \$20 each; 6688 E.  
14th St., Oakland; owner and  
contractor, Amer. Creamery Co.,  
14th and Poplar.

SIGN, metal, \$15; 9216 E. 14th St.,  
Oakland; owner and contractor,  
Amer. Creamery Co., 14th and  
Poplar Sts.

SIGNS, metal (2), \$8 each; 1003  
Foothill Blvd., Oakland; owner  
and contractor, Amer. Creamery  
Co., 14th and Poplar Sts.

SIGN, metal, \$10; 3325 Foothill Blvd.,  
Oakland; owner and contractor,  
Amer. Creamery Co., 14th and  
Poplar Sts.

SIGN, metal, \$10; 9439 Foothill Blvd.,  
Oakland; owner and contractor,  
Amer. Creamery Co., 14th and  
Poplar Sts.

SIGN, metal, \$20; 10400 Foothill  
Blvd., Oakland; owner and con-  
tractor, Amer. Creamery Co., 14th  
and Poplar Sts.

SIGN, metal, \$10; 2925 Hopkins St.,  
Oakland; owner and contractor,  
Amer. Creamery Co., 14th and  
Poplar.

SIGN, metal, \$8; 3825 Hopkins St.,  
Oakland; owner and contractor,  
Amer. Creamery Co., 14th and  
Poplar Sts.

SIGNS, metal (2), \$10 each; 7304  
Beck St., Oakland; owner and  
contractor, Amer. Creamery Co.,  
14th and Poplar Sts.

SIGN, metal, \$5; 2615 Hopkins St.,  
Oakland; owner and contractor,  
Paul H. Sampson, Prem.

SIGNS, wood (2), \$5 each; 2798  
Foothill Blvd., Oakland; owner  
and contractor, Ray J. Dedman,  
Prem.

SIGN, cloth, \$20; 3910 Grove St.,  
Oakland; owner and contractor,  
Earl Cissna, Prem.

SIGN, metal, \$20; 2025 Hopkins St.,  
Oakland; owner and contractor,  
Max Fintel, Prem.

BILLBOARD, \$50; 5346 College Ave.,  
Oakland; owner and contractor,  
Special Site Sign Co., 3225 Louise  
St.

SIGN, electric, \$20; 1941 Franklin  
St., Oakland; owner, Broadway  
Auto Laundry, Prem.; contrac-  
tor, Special Site Sign Co., 3225  
Louise St.

SIGN, electric, \$125; 4679 Telegraph  
Ave., Oakland; owner, Nello's  
Hardware, Prem.; contractor, D.  
Scott, 579 19th St.

RE-ROOF, \$84; 1979 84th Ave., Oak-  
land; owner, Mrs. A. Mendonca,  
Prem.; contractor, Hogan Bldg.  
& Roof Co., 3002 Foothill Blvd.

REPAIRS, \$45; 422 Elwood Ave.,  
Oakland; owner, Mrs. Chamber-  
lin, Prem.; contractor, Lloyd S.  
Dawson, 1972 Tiffin Road.

DWELLING, 1-story, 5-room, \$3500;  
4024 Norton Ave., Oakland; own-  
er and contractor, Elbert van  
Ness, 5826 Marco Drive; also 1-  
story garage, \$100.  
ADD to garage, \$83; 2227 7th Ave.,  
Oakland; owner and contractor,  
C. Bruce Holmes, Prem.



# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                |                                           |
|--------------------------------|-------------------------------------------|
| 1.—Apartments                  | 11.—Ice and Cold Storage Plants           |
| 2.—Bonds                       | 12.—Power Plants                          |
| 3.—Churches                    | 13.—Public Buildings, Fire House and Jail |
| 4.—Fosteries and Warehouses    | 14.—Residences                            |
| 5.—Flats                       | 15.—Schools                               |
| 6.—Garage and Service Stations | 16.—Sawmills, Saws and Lumber             |
| 7.—Federal Buildings           | 17.—Theatres                              |
| 8.—Club Buildings              | 18.—Wharves & Docks                       |
| 9.—Hospitals                   | 19.—Misc. Const.                          |
| 0.—Hotels                      | 20.—Misc. Supplies & Etc.                 |

### 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$13,500  
**BURLINGAME**, San Mateo Co., Cal.  
 Lot 29, Blk. 16, Capuchino Ave.  
 Frame apartment building.  
 Owner — Dr. Ray McClinton, 1425 Broadway.  
 Architect—Not Given.  
 Contractor—Gordon Hess, 1446 Burlingame Ave.

### 3—CHURCHES

**Bids Wanted — To Close November 15, 8 P. M.**  
**CHURCH** Est. Cost, \$30,000  
**OAKLAND**, Alameda County, Calif.  
 Hudson and Manila Sts.  
 New church building to seat 250 persons, oak pews, organ, Sunday school classrooms.  
 Owner—Golden Gate Rockridge United Brethren in Christ.  
 Architect — Harold H. Weeks, 593 Market St., San Francisco.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$20.  
 Following have taken out plans:  
 John F. Tulloch, 335 8th St., Oakland.  
 Willis F. Lynn, 8th and Webster Sts., Oakland.  
 N. H. Sjoberg & Son, 5604 E. 16th St., Oakland.  
 A. F. Anderson, 1933 Longridge Rd., Oakland.  
 C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.  
 Geo. Swanstrom, 1615 78th Avenue, Oakland.  
 Geo. J. Maurer Co., 50 York Drive, Piedmont.  
 John H. Schnieder, 5621 Shafter Ave., Oakland.  
 George Petersen, 1841 Bancroft Ave., San Leandro.

### COMMISSIONED TO PREPARE PLANS

**ALHAMBRA**, Los Angeles Co., Cal.  
 Henry C. Newton, A.I.A., 502 Architects' Bldg., Los Angeles, has been commissioned to prepare plans for a new reinforced concrete church bldg. to seat 600, to be built at Main and Electric Aves., Alhambra, for All Soul's Church, Father Peter Hanrahan, pastor. Est. cost, \$60,000.

### 4—FACTORIES & WAREHOUSES

**Low Bidder**  
**BOTTLING PLANT** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Wilson and Roosevelt Sts.  
 One and two-story brick addition (approx. 72 x 140 ft.) to bottling

plant.  
 Owner—Coca-Cola Bottling Co.  
 Architect—J. U. Clowdsey, Exchange Bldg., Stockton.  
 Low Bidder—E. Merlo, Rt. 2, Box 232, Stockton.  
 Bids held under advisement.

**To Be Done By Day's Work**  
**WAREHOUSE** Cost, \$20,000  
**SAN FRANCISCO**. 17-35-37-43 Battery St.  
 Alterations to warehouse.  
 Owner & Builder—Nordwell Estate, 68 Post St.  
 Architect—Not Given.

**To Be Done By Day's Work**  
**WAREHOUSE** Cost, \$8,000  
**SAN FRANCISCO**. NE 7th St., 75 ft SE Brannan St.  
 One-story steel and concrete drayage house.  
 Owner & Builder—O. R. and F. W. Schrader, 1274 Harrison St.  
 Engineer—John Cole, 280 13th St.

**Sub Contract Awarded**  
**ADDITION** Cost, \$50,000  
**SAN FRANCISCO**, Calif. Bayshore Blvd.  
 One-story steel frame addition to glass building, pile foundation, brick walls, glass brick, steel sash, protected metal roofing.  
 Owner — Consolidated Chemical Industries, Inc., 111 Sutter St.  
 Architect—Far & Ward, 68 Post St.  
 Structural Engineer—W. H. Ellison, 821 Market St.  
 Contractor—Barrett & Hill, 918 Harrison St.  
 Masonry—Emil Hogberg, 666 Mission Street.  
 Previous sub contracts awarded published Oct. 18.

**Sub Contract Awarded**  
**STORE SHED** Cost, \$.....  
**SAN FRANCISCO**. Bayshore Blvd.  
 One-story steel frame bone storage shed (99 ft wide by 200 ft long, 40 ft. to under side of trusses), concrete walls, glass brick, covered with protective metal, concrete bins and pits, railroad tracks, paving.  
 Owner — Consolidated Chemical Industries, Inc., 111 Sutter St.  
 Architect—J. Francis Ward, 68 Harrison Street.  
 Masonry—Emil Hogberg, 666 Mission Street.  
 Previous sub contracts awarded published Oct. 18.

**Bids in**  
**WAREHOUSE** Cost, \$.....  
**BERKELEY**, Alameda Co., Cal.  
 Warehouse.  
 Owner — The Palmolive - Peet Co., Madison and 8th Sts., Berkeley.  
 Plans by Construction Department of the Owner.  
 Bids are in and have been forwarded to the Eastern office of the Owner.  
 Announcement in about one week.

**PREPARING PLANS**  
**WATSON**, Calif.—C. F. Braun & Co., 1090 S. Fremont Ave., Alhambra, are preparing plans for three pump houses to be built at the new refining works under construction at Watson, north of Wilmington, for the Richfield Oil Co. Construction work, which will start in about six weeks, will be handled by Braun & Co., who will sub let some of the trades. The buildings will be reinforced concrete structures, with some structural steel. As previously reported, Braun

& Co. has the contract for the complete construction of the plant, including special equipment, a large amount of piping and electrical work. Cost of the improvements will exceed \$4,000,000.

**Contract Awarded**  
**BOTTLING PLANT** Cost, \$.....  
**STOCKTON**, San Joaquin Co., Calif.  
 Wilson and Roosevelt Sts.  
 One and two-story brick addition (approx. 72 x 140 ft.) to bottling plant.  
 Owner—Coca-Cola Bottling Co.  
 Architect—J. U. Clowdsey, Exchange Bldg., Stockton.  
 Contractor — E. Merlo, Route 2, Box 232, Stockton.

### PRELIMINARY PLANS COMPLETED

**LOS ANGELES**, Cal.—Architect C. J. Smale, 309 S. Orlando Street, has prepared preliminary plans for a 2-story reinforced concrete building (128x200-ft.) to be built on North San Vicente Blvd., West Hollywood, for J. G. McKinley, 674 N. Robertson Blvd. Mr. McKinley will probably erect the building and it will be occupied by Cinecolor, 201 North Occidental Blvd. Est. cost, \$100,000.

**Low Bidder**  
**DAIRY PLANT** Cost, \$110,000  
**PORTLAND**, Oregon. SE Eighth and Taggart.  
 Feed mill with 20 concrete bins 40 ft. high, each 10x10-ft.; work building in connection with bins 50x103-ft., in floor area and 80 ft. high, warehouse and garage unit.  
 Owner—Dairy Cooperative Assn.  
 Architect — Clausen and Clausen, Guardian Bldg., Portland.  
 Low Bidder—Robson, Scott & Scott, 6406 NE Rodney, Portland.  
 Heating, plumbing and wiring bids will be taken soon by architect; general bids received by owner.

### 5—FLATS

**To Be Done By Day's Work**  
**FLATS** Cost, \$7,000  
**SAN FRANCISCO**. NE 28th Ave. & Fulton Street.  
 Two-story and basement frame flat building.  
 Owner & Builder—Ben Liebman, 3319 Fillmore St.  
 Plans by Irvin Goldstein, 1200 Oak St.

November 1, 1937.  
**Contract Awarded**  
**FLATS** Cost, \$10,000  
**SAN FRANCISCO**. E. Webster, 125 ft. S North Point.  
 Three-story and basement frame flat building.  
 Owner—L. V. Pines, 3130 Gough St.  
 Architect—Not Given.  
 Contractor—Risdon Bros., 1324 Portola Drive.

**Heating Contract Awarded**  
**ALTERATIONS** Cont. Fr. \$37,353  
**MILL VALLEY**, Marin Co., Calif.  
 Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)  
 Owner—Mill Valley School District.  
 Architect—Walter Falch, Hearst Bldg., San Francisco.  
 Contractor—Peter Sartorio, 369 Pine St., San Francisco.  
 M. J. Reeves Heating Co., 959 Natoma St., San Francisco, at \$1,442 awarded heating contract.

ment, for which plans are now being prepared.

#### BIDS WANTED

ALAMEDA, Calif.—Until Nov. 17, 11 a. m., as previously reported, bids are being received by the Public Works Officer, 12th Naval District, Room 353, Federal Office Building, San Francisco, under Spec. 8409, for core borings for the Naval Air Station at Alameda.

Specifications obtainable from the above office.

#### BIDS WANTED

SAN DIEGO, Cal.—Until November 26 bids will be received by the Procurement Division, Public Bldg. Branch, Washington, D. C., for interior painting work at the Senior Medical Officers Quarters, Quarantine Station, San Diego.

#### BIDS WANTED

SANTA MONICA, Los Angeles Co., Cal.—Until November 18, bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models at the U. S. P. O. at Santa Monica. \* 7

#### BIDS WANTED

HONOLULU, T. H.—Until Dec. 17, 1:00 P. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for the construction of the U. S. Quarantine Station at Honolulu.

Drawings and specifications may be obtained from the above office. No deposit required for one set of plans.

Bids Wanted — To Close Dec. 10 1:00 P. M.

#### REMODEL POSTOFFICE

Est. Cost, \$215,000  
PASADENA, Los Angeles Co., Calif.  
E. Colorado St. and Garfield Av.  
Remodeling and alterations to the U. S. Post Office.  
Owner—U. S. Government.  
Architects—Marston & Maybury,  
25 S. Euclid Ave., Pasadena.  
Plans obtainable from the Procurement Division, Washington, D. C., no deposit required.

#### BIDS WANTED

ALAMEDA, Calif.—Until Nov. 17, 11 a. m., as previously reported, bids will be received by the Public Wks. Officer, 12th Naval District, Room 353, Federal Office Building, San Francisco, under Spec. 8409, for core borings for the Naval Air Station at Alameda.

Work consists of making of 63 complete deep borings to a depth of forty-five (45) feet below Mean Lower Low Water; and 26 shallow borings.

Specifications obtainable from the above office upon deposit of check or postal money order in the amount of \$10, made payable to Norman M. Smith, Chief of the Bureau of Yards & Docks.

#### BIDS WANTED

SAN DIEGO, Cal.—Until Nov. 26, 11 a. m., as previously reported, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting the interior wood work in the Senior Medical Officers' Quarters at the U. S. Quarantine Station, San Diego.  
Plans obtainable from the above office and from the Custodian of the Building at San Diego.

#### MATERIALS APPROVED

SALINAS, Monterey Co., Calif.—Treasury Department approved the following building material and equipment awards for the construction of the lawn sprinkler system at

structing Quartermaster, Fort Mason, San Francisco, until 1:30 p. m., P. S. T., December 1, or by the Purchasing and Contracting Officer, Hickam Field, T. H., until 11 a. m., H. S. T., Dec. 1.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Fort Mason, San Francisco, upon deposit of a certified check for \$10, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H.

Limitation of cost of officers' quarters is fixed at \$12,500 each; limitation of cost of Field Officers' Quarters is fixed at \$14,500 each.

October 29, 1937.

#### BIDS WANTED

SAN DIEGO, Cal.—Until November 16, 11:59 a. m., bids will be received by the Public Works Officer, Headquarters, Eleventh Naval District, San Diego, under Spec. No. 8572, for improvement of refrigerating facilities for Barracks at the Naval Operating Base (Marine Corps Base), San Diego.

Work consists of making improvements to the existing refrigerating facilities in seven separate barracks, and includes the removal of a portion of the existing work and the furnishing and installation of new materials to remodel and improve the present seven double refrigeration rooms from the present ice cooling system to a new mechanical refrigeration system. New equipment consists in general of seven refrigeration machines (air cooled); seven air coolers; necessary piping between machines and coolers; electric work and miscellaneous apparatus in connection with the new installations.

Bidding date obtainable from the above office upon deposit of check or postal money order for \$10 payable to the Chief of the Bureau of Yards and Docks.

#### BIDS WANTED

RENO, Nevada.—Until November 19, 2:30 p. m., bids will be received by the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto, California, for excavation and concrete work at Veterans Administration Facility, Reno, Nevada, Treatment Building No. 1, containing approx. 900 cubic yards of concrete.

Work will include excavating for building, reinforced concrete frame and finished concrete steps in platforms, etc.

Drawings and specifications may be obtained from the above office or by writing to the Construction Service, Room 764, Arlington Building, Washington, D. C. No deposit required.

Bids must be accompanied by 25% certified check, guaranty bond or United States Bonds.

#### BIDS OPENED

TRACY, San Joaquin Co., Calif.—Chamberlain Metal Weather Strip Co., Inc., Detroit, Michigan, at \$533, submitted low bid to the Procurement Division, Washington, D. C., for lutee steel screens in the U. S. Post Office at Tracy.

Only other bid submitted by Coco Steel Products, Chicago, Ill., at \$516.

#### PREPARING PLANS

SAN FRANCISCO — The Public Works Officer, 12th Naval District, Room 353, Federal Office Building, will call for bids shortly for installation of a steel-lined vault on the third floor of the new Federal Office Building, for the Navy Depart-

## 6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work  
SERVICE STATION Est. Cost, \$6,000  
SAN FRANCISCO, NE Pt. Lobos  
and Camino Del Mar.  
New gasoline service station.  
Owner—Standard Oil Co., 225 Bush St.

Plans by Eng. Dept. of Owner. \* 6

Contract Awarded  
SERVICE STATION Est. Cost, \$6,000  
SAN FRANCISCO, NE Pt. Lobos  
and Camino Del Mar.  
New gasoline service station.  
Owner—Standard Oil Co., 225 Bush Street.

Plans by Eng. Dept. of Owner.  
Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Bldg., San Francisco.

It was previously reported work was to be done by day labor. \* 6

Contract Awarded  
SERVICE STATION Est. Cost, \$5,500  
SAN FRANCISCO, NW Ocean Ave.  
and Alemany Blvd.

Steel gasoline service station.  
Owner—Union Oil Co., Mills Tower.  
Plans by Engr. Dept. of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine Street.

## 7—FEDERAL BUILDINGS

#### CONTRACT AWARDED

TERMINAL ISLAND, Los Angeles Harbor.—E. C. Nickel, 912 Micheltona St., Los Angeles, submitted low bid to the 11th Naval District and was awarded contract, at \$8606, for improvements and alterations to existing buildings at the Fleet Aviation Facilities, Terminal Island, L. A. Harbor; Spec. 8600. Other bids were: Lynch-Cannon Engineering Co., \$7,450; W. E. Allen, \$8,195; Contracting Engineers Co., \$8,397; Andy Sordal, \$8850.

#### CONTRACT AWARDED

PHOENIX, Ariz.—H. R. Meadows, 2815 N. Central Ave., Phoenix, was awarded contract by the Arizona Highway Department, at \$30,654, for construction of an addition to present general office building of the department, located on Jackson St., between 17th and 18th Aves., Phoenix.

Planned  
RECEIVING STATION

Est. Cost, \$923,000  
MARE ISLAND, Calif.

Master receiving station to be constructed west of Mare Island on Tubbs Island; also new high-frequency transmitting station at Mare Island.

Owner—U. S. Government.  
The Navy Dept. plans to combine three existing receiving stations at San Francisco, South San Francisco and Mare Island into one master receiving station.

Bids Wanted—To Close December 1  
OFFICERS & N. C. O. QUARTERS  
Est. Cost, \$1,000,000

HICKAM FIELD, T. H.  
Construct and complete 42 sets of N. C. O. Quarters (37 buildings), estimated cost, \$352,000; 39 sets of Field and Company Officers' Quarters (39 buildings), estimated cost, \$599,000, together with all utilities thereto.

Owner—U. S. Government (Captain H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C.

Bids will be received by the Con-

the U. S. Post Office at Salinas. Scott Co., San Francisco, general contractors. Copper pipe, iron pipe size, Chase Brass & Copper Co.; brass pipe, Chase Brass & Copper Co.; standard square banded brass fittings, angle valves, Thompson Sprinkler Co.; sprinkler heads, Pasadena Sprinkler Co.

**BIDS OPENED**

SAN DIEGO, Cal.—King Machinery & Mfg. Co., 1171 E. 32nd St., Los Angeles, submitted low bid to 11th Naval District, at \$3,116, for modernization of passenger elevator at the Naval Operating Base (Air Station), San Diego; Spec. 8557. Other bids were: Otis Elevator Co., \$3585; Kimball Elevator Co., \$4362. Bids were held under advisement.

**8.—CLUB BUILDINGS**

**Bids Rejected**  
**ALTERATIONS** Cost, \$2 ...  
SAN FRANCISCO. 545 Powell St. Alterations to club building. Owner—The Family Club. Architect — Miller & Pfleger, 580 Market St.

Bids were rejected as too high. Plans will be revised and re-figure.

**9.—HOSPITALS**

**CONTRACT AWARDED**

NEAR INDI0, Riverside County, Cal.—L. A. Cline, 3245 Long Beach Ave., Los Angeles, has been awarded a contract for construction of a concrete swimming pool, 25x60 ft. in area, at the La Quinta hotel, near Indio. The walls will be tiled. A filtration system is included. Gordon B. Kaufmann, architect, 627 S. Carondelet St., Los Angeles

**CONTRACT AWARDED**

SANTA BARBARA, Calif.—Jack Bramage, Cheltenham Dr., Santa Barbara, was awarded contract by Santa Barbara County Supervisors at \$203,385, for alterations and additions to employees' quarters at Santa Barbara County Hospital. Installation of a heating system will be deferred until later. Henry W. Howell, architect, 157 Cheltenham Dr., Santa Barbara.

**BIDS WANTED**

MENDOCINO COUNTY, Cal.—Until November 23, 2 P. M., bids will be received by the State Architect, George B. McDougall, Public Works Building, Sacramento, for furnishing and installing a boiler at the Mendocino State Hospital, Mendocino County, and for a house for dairy help at the Stockton State Hospital, San Joaquin County.

Plans and specifications may be obtained from the above office upon deposit of \$25.00.

**BIDS WANTED**

STOCKTON, San Joaquin Co., Cal.—Until Nov. 23, 2 p.m., as previously reported, bids will be received by Geo. B. McDougall, State Architect, Public Works Building, 12th and Streets, Sacramento, for erection and completion of a house for dairy help, Stockton State Hospital Farm, near Stockton.

Work consists of a five-room and garage frame dwelling with concrete foundation and asbestos shingle roof, together with roadway, grading, and cement walkways.

Plans and specifications may be obtained from the above office upon deposit of \$25.

**BIDS WANTED**

TALMAGE, Mendocino Co., Cal.—Until Nov. 23, 2 p.m., as previously

reported, bids will be received by Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for erection and completion of a new 300-hp. W.T. boiler in the Boiler Plant, Mendocino State Hospital, Talmage.

Work consists of one 300-hp. W.T. boiler complete with foundations, burner, breeching, piping and other appurtenances required for complete installation.

Plans and specifications may be obtained from the above office upon deposit of \$25.

**CONTRACT AWARDED**

MADERA, Cal.—Chowchilla Lumber Company, at \$2,966.59, submitted low bid and was awarded contract by the Madera County Board of Supervisors, L. W. Cooper, County Clerk, Madera, for furnishing the following material, f.o.b. 32d in Road District, No. 2, of Madera County, on Chowchilla River at Santa Fe Railroad and at Road No. S-N on Ash Slough:

672 pcs—3x14-in. 20-ft. O. P. No. 1 Com., sized for width rough.

24 pcs—12x12-in. 25-ft. O. P. No. 1 Com., rough.

98,496 ruing feet, random lengths of 1 x 4 O. P. No. 3 Com., sized for width, rough.

2 pcs 3x12-in., 20-ft. R. W. No. 1 Com., rough.

20 pcs—4x12-in., 25-ft. R. W. No. 1 Com., rough.

40 pcs—4x12-in., 10-ft. R. W. No. 1 Com., rough.

2 pcs—6x6-in., 10-ft. R. W. No. 1 Com., rough.

4 pcs—6x6-in., 10-ft. R. W. No. 1 Com., rough.

96 pcs—2x6-in., 19-ft. O. P. No. 1 Com., S4S.

100 pcs—4x6-in., 4-ft. O. P. No. 1 Com., S4S.

60 pcs—4x6-in., 18-ft. No. 1 Com., S4S, O P.

Total bids follow:  
Chowchilla Lumber Co. \$2,966.59  
Madera Lumber Co. 2,993.37  
Rob Probert 2,995.82  
Hammond Lumber Co. 3,203.29  
Sierra Sugar Pine Co. 3,319.70

L. D. Reader Co., Los Angeles, submitted, at bid of \$2,749.49, which was not accepted as the bid did not comply with specifications in that, the portion covering Oregon pine is f.o.b. cars Santa Fe instead of f.o.b. job.

**CONTRACT AWARDED**

GOVERNMENT ISLAND, Calif.—Western Pipe and Steel Co. of Calif., 444 Market St., San Francisco, at \$136 per ft.,  $\frac{1}{2}$  of 17 10 days, f.o.b. South San Francisco, was awarded contract by the Forest Service Supply Depot, Frank Hoxme, Supply Depot, Government Island, under Bid No. 5262, for furnishing 329 ft. corrugated metal pipe culvert.

**BIDS OPENED**

LOS ANGELES, Cal. Following submitted bids to the Los Angeles Water and Power Purchasing Agent, under Spec. 2311 for pipe, bids were taken as follows:

(a) 2000 ft. 14 in. No. 12 ga. asphd dipped, plan end, welded steel water pipe in 20-ft lengths, L. A. oh. truck, Shaft No. 1 Camp, Mono Basin

(b) 1000 ft. 14-in. same in 24-ft lengths f.o.b. Shaft No. 2 Camp, Mono Basin

(c) 2000 ft. 14 in. same in 24-ft lengths f.o.b. West Portal Camp, Mono Basin

Total bids follow:  
Southern Pipe & Casing Co (a) \$828, (b) \$828, (c) \$828; 2-10 days

West Coast Pipe & Steel—(a) 90c, (b) 90c, (c) 90c; 3-10 days

Consolidated Steel Corp—(a) \$915,

(b) \$94, (c) \$915; 10-30 days.  
Western Pipe & Steel—(a) \$99, (b) \$99, (c) \$99; 5-15 days.  
Southern Welding & Steel Co., Inc.—(a) \$1.01, (b) \$1.01, (c) \$1.01; 10-30 days.  
Lacy Mfg. Co.—(a) \$111, (b) \$111, (c) \$111; 10-30 days.

All bids net.

\*If 2000 ft. under (a) can be furnished in 24 lengths instead of 20-ft. lengths, deduct 1c per ft. from (a), (b) and (c), or a total of \$600.

**BIDS WANTED**

SAN BERNARDINO, Cal.—Until November 2, 4:00 p.m., bids will be received by the Board of Water Commissioners, 498 "D" Street, San Bernardino, for furnishing standard commercial liquid chlorine, 99.9% pure, price per 100 lbs. net weight, f.o.b. San Bernardino, for a period of one year. Delivery to be in lots of 15 one-ton containers. Certified check or bond for 10%. J. H. Osburn, City Clerk, and ex-officio secretary.

**BIDS OPENED**

PANAMA CANAL—Following submitted bids for structural steel and bronze expansion bearing plates for superstructure of Dock 15, Balboa, C. Z., Schedule 3292, to the General Purchasing Officer, the Panama Canal, Washington, D. C.

Work involves:  
(1) 3,200,000 lbs. structural steel for superstructure of Dock 15, Balboa, between Dock 16 and Pier No. 7

(2) 12,000 lbs. bearing plates, expansion, bronze.

First Alternate:  
(1a) 3,250,000 lbs. structural steel for superstructure of Dock 15, Balboa, between Dock 16 and Pier No. 7.

(2a) 12,000 lbs. bearing plates, expansion, bronze.

Second Alternate:  
(1b) 3,230,000 lbs. structural steel for superstructure of Dock 15, Balboa, between Dock 16 and Pier No. 7.

(2b) 12,000 lbs. bearing plates, expansion, bronze.

Total bids follow:  
U. S. Steel Products, (1) \$05258;

(2) \$3946; (1a) \$04987; (2a) \$3946;

(1b) \$0592; (2b) \$3946.  
Bethlehem Steel Co., lot on item (1b) at \$0419.

M. Greenberg & Sons, (2a) \$339; (2b) \$339.

**BIDS OPENED**

LOS ANGELES, Calif.—Following bids to the U. S. Engineer, Los Angeles, under Circ. Form 76, for interlocking type steel sheet piling.

The items are:  
LOT NO. 1  
F.o.b. bidder's mill and/or f.o.b. Hyeron Bridge over L. A. River, (1) 4377 cwt (255 pcs) 15 ft long;

LOT NO. 2  
F.o.b. bidder's mill and/or f.o.b. Playa del Rey Lagoon on Ballona Creek:

(1) 423 1/2 cwt (47 pcs) 25 ft long;

(2) 907.2 cwt (81 pcs) 30 ft long;

(3) 624.21 cwt (51 pcs) 34 ft long;

(4) 921 cwt one corner 30 ft long, fingers turned out;

(5) 921 cwt one corner 30 ft long, fingers turned in.

Bids were:  
Columbia Steel Co., Lot 1—(1) \$372 cwt; Lot 2 (1) (2) and (3) \$372 cwt;

(4) and (5) \$147, disc  $\frac{1}{2}$  of 1% on bearing point value which is \$2.70 cwt for Lot 1 and items 1, 2 and 3 of Lot 2 and \$3.45 cwt for items 4 and 5 of Lot 2, f.o.b. cars L. A. shipped from Chicago, Ill.; allow \$1.02 cwt freight and equalize freight rates.

Bethlehem Steel Co. prices same as above; f.o.b. cars L. A. shipped from

Lackawanna, N. Y.; allow \$1.17 cwt fact and equalize frt rates.

Inland Steel Co. prices same as above; f.o.b. L. A. shipped from Indiana Harbor, Ind.; allow \$1.02 cwt freight and equalize freight rates; ALTERNATE BID ON USED PILING (Section I-22) Lot 1 (1) \$2.97; Lot 2 (1), (2) and (3) \$2.97 cwt; (4) and (5) \$3.22; deduct 1.02 cwt. for basing point value; disc 1/4 of 1% on basing point value; f.o.b. Quincy, Ill. shipped on govt bill of lading; freight allowed.

#### BIDS OPENED

**FORT MASON, Calif.**—Following submitted bids to the Quartermaster Supply Office, San Francisco City Clerk Depot, Fort Mason, under Bid No. 928-28-105, for furnishing (1) 3,000 ft. b.m. one by twelve lumber; (2) 5,000 ft. b.m. one by four misc. lumber; f.o.b. Fort Mason.

Total bids follow:  
Acme Lumber Co., San Francisco—(1) \$33; (2) \$29; 2%.

Allen & Dettman Lumber Co., S.F.—(1) \$37, (2) \$32, 2%.

Christenson Lumber Co., S. F.—(1) \$35, (2) \$32, 2%.

Loop Lumber Co., S. F.—(1) \$31.50; (2) \$22.50, 2%.

Neidermeyer-Martin Lumber Co., Portland—(1) \$38, (2) \$38, 2% 10 days, 1% 20 days.

Orlando Lumber Co.—(1) \$37, (2) \$29, 2%.

Smith Lumber Co., S. F.—(1) \$30, (2) \$25, 2%.

#### BIDS WANTED

**SAN FRANCISCO, Calif.**—Until November 8th, 3:00 P. M., bids will be received by the U. S. Engineer Office, 401 Custom Houses, San Francisco, under Bid No. 8683-38-63, for furnishing all materials, fittings, equipment, tools, etc., and performing all work for drydock, painting and repairing the U. S. Seagoing Dredge "San Pablo."

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**LOS ANGELES, Cal.**—Until November 4, 3:00 p.m., bids will be received by U. S. Engineer, Los Angeles, for 2460 ft. 18-in. drain tile in 2-ft. lengths, delivered to Fletcher Drive and Los Angeles River, Circ. Prop. 99.

Contract Awarded  
CAT & DOG HOSPITAL

Cont. Price \$9440  
SALINAS, Monterey Co., Calif.

One-story frame and stucco Cat and Dog Hospital.

Owner—Dr. C. B. Outhier, 206 Lincoln Ave., Salinas.

Architect—Chas E. Butner, 7 Winham St., Salinas.

Contractor—A. F. Carlsen, Rt. 1, Box 74, Salinas.

Complete bids published Oct. 21.

#### BIDS WANTED

**LOS ANGELES, Cal.**—Until Nov. 15, 2 p.m. (date postponed from Nov. 8), bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for construction of approximately 812,400 lin. ft. of woven wire fence and 213 gates along lined canal sections and at certain reservoirs & station grounds of the Colorado River Aqueduct, in Riverside and San Bernardino Counties, in accordance with Spec. No. 251. The schedules are:

- (1) Vidal to Iron Mt., incl Iron Mt. reservoir, 376,000 lf., 108 gates.
- (2) Iron Mt. to Hayfield, incl Eagle Mt. reservoir, 307,500 lf., 90 gates.
- (3) Gene Wash, Copper Basin, and Hayfield reservoirs 52,000 lf., 6 gates.
- (4) Cajalco reservoir, 72,600 lf., 5 gates.

(5) Camino Station, 4000 lf., 4 gates. Certified or cashier's check for 10% must accompany each proposal. F. E. Weymouth, General Manager and Chief Engineer.

NOTE: This Specification supercedes and cancels Spec. 245 and contains the addition of Schedule 5 for the Camino Station, and other changes in the text. New Spec. will be ready Tuesday, Nov. 2. Items and quantities of revised Schedules will be printed later.

Contract Awarded  
MOTOR COURT  
SANTO NATEO Ninth Ave. and Bayshore Highway.

New motor court.  
Owner—Clyde C. Rau, 1844 Sheridan Ave., San Diego.  
Plans by Sam Atkins, 736 E. Robinson St., San Diego.  
Contractor—Roy Allen, 103 Castilian Way, San Mateo.

### 12—POWER PLANTS

Sub Contract Awarded  
TELEPHONE BUILDING

Cost, \$196,000  
STOCKTON, San Joaquin Co., Calif.

SW Cor. San Joaquin and Lindsay Streets.

General construction of three-story and basement Class A telephone exchange building (96 x 86 ft.), concrete and brick roof, plastering, plumbing, lighting and heating.

Owner—P. T. & T. Co. (H. C. Britton, District Manager).

Plans by Engrg. Dept. of Office. Contractor—Monson Bros., 475 Sixth St., San Francisco.

Title—Rogney Tile Co., 3012 Harris St., Oakland.

Complete sub contracts previously awarded published October 7.

### 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

Reinforcing Steel Contract Awarded  
VAULT  
Cost, \$ . . .

SAN FRANCISCO, 495 Hayes St.  
Reinforcing steel and concrete for construction of a vault in the Hays Valley Branch of the Bank of America.

Owner—Capital Co., 625 Market St. Plans by Constructing Department of Owner.

Reinforcing Steel—W. C. Hauck & Co., 250 San Bruno Ave.

Contract for concrete not yet let.

#### BIDS OPENED

**ALAMEDA, Calif.**—J. W. Van Pelt, 1907 Alameda Ave., at \$1,097 submitted low bid to the City of Alameda, Public Utilities Board, G. A. Baxter, Sec'y., for furnishing labor and material to paint properties of the Department of Public Utilities of the City of Alameda, at 2440 Santa Clara Avenue, Alameda.

Only other bid submitted by Asa French, Alameda, at \$1,575.

Sub Contracts Awarded  
INTERIOR WORK Cont. Pr. \$38,745  
YERBA BUENA SHOALS, Site of the 1939 World's Fair

Partitions and interior work in East Hangar (fronts and service portions, East Hangar, Contract III).

Owner—San Francisco Bay Exposition, Inc., (Leland W. Cutler, Pres.), 545 Bush St.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Concrete—Ready-Mix Concrete Co., Ltd., Carolina & Mariposa Sts.

Electric Work—Severin Electric Co., 172 Clara St.

Glass—W. P. Fuller & Co., 301 Mission St.

Reinforcing Steel—W. C. Hauck &

Co., 250 San Bruno Ave.  
Wall Board—Lilly & Crowley, 123 Kansas St.

Bids Wanted—To Close December 6, 9 A. M.

CITY HALL, Est. Cost, \$80,000  
SANTA CRUZ, Santa Cruz Co., Cal.  
Church and Locust Streets.  
One- and two-story reinforced concrete city hall (second and third units) to house offices of city engineer, building and plumbing inspectors, council chamber, and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk.)

Architect—C. J. Ryland, Carmel and Monterey.

PWA allotted grant in amount of \$36,000.

General bids are being asked with the following alterations: (a) deduct for elimination of basement; (b) add for sidewalks, driveways and stone wall. Separate bids are being received for furniture, including blue printing machine and two drafting tables.

Plans and specifications may be obtained at the architect's office, 136 Bonifacio Place, Monterey, upon deposit of \$25.

Bids will be received at the City Hall until 9 A. M., and opened at 9:30 A. M., December 6.

#### NEW BIDS WANTED

**FILLMORE, Ventura Co., Calif.**—Until Nov. 9, new bids will be received by the Fillmore City Council, C. Arrasmith, City Clerk, for a combination fire station and jail, a one-story, reinforced concrete structure, 40 x 75 ft., to be built in Fillmore.

At previous bid opening, Maland & Larsen, Santa Paula, submitted low bid at \$6,334. All bids were rejected.

#### BIDS OPENED

**FILLMORE, Ventura Co., Calif.**—Maland & Larsen, Santa Paula, at \$6,334, submitted low bid to the Fillmore City Council, for a combination fire station and jail, a one-story, reinforced concrete structure, 40 x 75 ft., to be built in Fillmore.

Complete bids follow:  
Maland & Larsen, Santa Paula—\$6,334.

S. Metzger & Son, Los Angeles—\$7,900.

W. S. Yeakle, Fillmore—\$8,200.

Fillmore Concrete Pipe Works, Fillmore—\$8,254.15.

Bids held under advisement. .3

Bids Wanted — To Close November 16, 3 P. M.

CITY HALL, Est. Cost, \$30,000  
WILLIAMS, Colusa Co., Calif. Cor. E and 8th Sts.

Two-story reinforced city hall bldg. to contain administrative office and fire department.

Owner—City of Williams.

Architect—Starks & Planders, Bank of America Bldg., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

PWA recently allotted grant to assist in financing.

#### BIDS WANTED

**HUNTINGTON BEACH, Orange County, Calif.**—Until November 15, 8:00 p.m., bids will be received by the Huntington Beach City Council for a beach pavilion and civic auditorium to be built in that city.

A PWA project. Plans obtainable from Architects Walker & Eisen, 708 Pacific Commerce Bldg., Los Angeles, upon deposit of \$10 Certified or Cashier's check or bond for 5% required.

In addition to the base bid five alternate bids have been asked. They are: (1) deduct for using fir piles in

lieu of cement; (2) deduct if galvanized iron work is substituted for copper; (3) deduct for omitting forced air heating system and substituting six warmalators; (4) deduct for omitting conduit for public system; (5) deduct for omitting toilet fixtures on ground floor. Building will have pile foundation, concrete work, wood frame construction, stucco exterior, hardwood floors, composition roof, ornamental and miscellaneous iron, plaster, forced-air heating and ventilating system or warmalators.

Following is a partial list of prospective bidders:

C. L. Pettifer, 703 W. 14th St., Long Beach.

Duff & Vandehoogen, 733 W. 14th St., Long Beach.

W. T. Loesch, 119 E. Union, Pasadena.

Eser Wikholm, 656 1/2 S. Western Ave., Los Angeles.

Stanton-Reed Co., Architects Bldg., Los Angeles.

Ray J. Daum, 6803 West Blvd., Los Angeles.

Wm. J. Shirley, 1724 S. Vermont Ave., Los Angeles.

Elyot Van Tuyle, Brea.

Stark & Schmid, 822 N. Parton St., Santa Ana.

Wm. J. Esser, 3711 Cerritos Ave., Long Beach.

**Bids Wanted — To Close November 15, 11 A. M.**

HELP QUARTERS Est. Cost, \$11,500 MILPITAS, Santa Clara Co., Calif. One-story building to house the help at the county almshouse; concrete walls, frame interior, tile roof.

Owner—Co. of Santa Clara (Frank W. Hogan, Clerk).

Architect—Edward W. Krees, 402 1st National Bank Bldg., San Jose.

Plans and specifications may be obtained from the architect's office upon deposit of \$10.

**BIDS WANTED**

SAN BERNARDINO, Calif.—Until Nov. 15, 5 P. M. (bids to be opened at 8 P. M. on that date) bids will be received by the San Bernardino City Council for a heating and air-cooling system to be installed in the city hall, located at 416 3rd St., San Bernardino. Plans and specifications obtainable from the city engineer upon deposit of \$5, returnable. Certified check or bond for 10% required. Ducts for the plant are already in place.

**BIDS WANTED**

MODESTO, Stanislaus Co., Calif.—Until Nov. 10, 7:30 p.m., bids will be received by the Council of the City of Modesto, H. E. Gragg, City Clerk, for constructing an addition to the Club House at the Municipal Golf Course.

Plans and specifications may be obtained at the office of the City Engineer upon deposit of \$10.

Bids will be opened at the office of the City Clerk, 717 19th St., Modesto, and must be accompanied by a certified check or bid bond of ten per cent, payable to the City of Modesto.

**Bids Opened**

DORMITORIES, ETC. Cost, \$..... SACRAMENTO CO., Calif. Industrial Road Camp.

Two dormitories and administration building at the Prison Farm.

Owner—County of Sacramento.

Plans by the County Engineer.

Low Bidder—Harry Gunther, General Delivery, North Sacramento, \$9,118.

Bids were taken as follows:

(a) furnishing material and labor on dormitory and armory

(b) furnishing labor only on second

dormitory for which the country will supply material.

Complete bids follow:  
 Harry Gunther, Sacramento, (a) \$6,718; (b) \$2,400.  
 P. F. Bender, Sacramento: (a) \$6,800; (b) \$2,650.  
 Henry Finnigan, Sacramento: (a) \$9,565; (b) \$3,590.

**Bids Rejected**

ALTER COURTHOUSE Est. Cost, \$7,400 STOCKTON, San Joaquin Co., Calif. Hunters Square.

Move present toilet rooms on first floor of old Court House to basement and convert space into offices.

Owner—County of San Joaquin.

Architect—Eric W. Johnson, 142 N. California St., Stockton.

Following are complete bids which were rejected and work will be re-advertised, with minor changes, in one week:

Vickroy Constr. Co., 821 N. Van Buren St., Stockton—\$9,677.

George Roek, Stockton—\$9,984.  
 John C. Meyers, Stockton—\$10,150.

**BIDS REJECTED**

LOS ANGELES, Cal.—State Architect George B. McDougall, Public Works Bldg., Sacramento, rejected all bids for alterations and improvements to a building at 12th Street and Grand Ave., Los Angeles, for the California State Employment Service.

Jos. R. Lippincott, 5026 Clinton St., Los Angeles, at \$8,953.00 submitted the low bid.

Bids will not be re-advertised by the State Architect's office.

**Preliminary Plans Approved**

CITY HALL Est. Cost, \$25,000 DAVIS, Yolo Co., Calif. F Street. One-story Spanish style City Hall building to house administrative offices and court room.

Owner—City of Davis.

Architect—Dragon & Schmidts, 2068 Alston Way, Berkeley.

Architects have been commissioned to complete plans and specifications.

**Planned**

CITY JAIL Cost, \$..... PORTERVILLE, Tulare Co., Calif. New city jail to be first unit of city Hall.

Owner—City of Porterville (City Manager, F. M. Pfimmer).

Architect—Not Given.

Plans and specifications are now being considered by the City Council.

**Planned**

CHECKING STATION Cost, \$20,000 EUREKA, Humboldt Co., Calif. 4th and Myrtle Ave. New highway patrol and tourist checking station.

Owner—State of California.

Architect—Not Given.

**14—RESIDENCES**

Contract Awarded  
 TRIPLEX Est. Cost, \$17,443 FRESNO, Fresno Co., Calif. 754-768 Home St., 1495 Washon St. Residence and apartment house of pumilite construction (composition roof)

Owner—A. M. Bopp, 844 Vassar St., Fresno.

Architect—Edward Glass, Mattell Bldg., Fresno.

Contractor—Walker and Walker, 437 Cornell Ave., Fresno.  
 Complete bids published Oct 18

**PLANS PREPARED**

SAN MARINO, Los Angeles Co., Calif.—Architect Edgar V. Ullrich,

836 Kennebeck Court, Mission Beach, has prepared plans for a 2-story and basement, 15-room residence to be built in San Marino for A. F. Lieurance, Chico, Calif.; frame construction, stone, plaster and half-timber exterior, single tile and copper roof, wood ceilings, marble hearths, three brick fireplaces, brick and stone terrace, electrically controlled overhead garage doors, 5 tiled bathrooms, tile lavatory and drainboards, leaded glass, steel casement windows, wrought iron rails, mahogany and pine trim, tile floor in entrance hall and trophy room, hardwood, linoleum and rubber-tile floors, gas water heater, oil-fired, forced-air heating system, refrigerator unit, 1000 gal. oil tank, brick wall.

Contract Awarded  
 RESIDENCE Cost, \$ ALAMEDA, Calif.

One-story frame residence.

Owner—Mrs. Edna Giffen, c/o Architect.

Architect—Wm. E. Schirmer, 427 13th St., Oakland.

Contractor—Chris Hansen, Alameda.

**CONTRACT AWARDED**

SAN MARINO, Los Angeles Co., Calif.—J. Robert McNaught, 324 Surf-ton Place, La Jolla, has the contract for a two-story and basement, 15-room residence to be built in San Marino for A. F. Lieurance, Chico; Edgar V. Ullrich, architect, 936 Kennebeck Court, Mission Beach.

Contract Awarded  
 RESIDENCE Cont. Pr., \$14,242 SACRAMENTO CO., Calif. Marconi Ave., near Del Paso Country Club.

Two-story frame and stucco residence.

Owner—Porter McLaughlin.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—J. C. Hansen, 308 Oakmont Ave., Sacramento.

Other bids were:  
 Chas. Vanina & Son \$14,522  
 L. L. Watson 15,200

**To Be Done By Day's Work**

RESIDENCE Cost, \$6,000 SAN FRANCISCO, 201 Pacheco St.

Two-story and basement frame residence.

Owner and Builder—J. Glanin, 157 Lunardo Way.

Architect—Not Given.

**Plans Completed**

RESIDENCE Est. Cost, \$4,000 MILL VALLEY, Marin Co., Calif.

One-story frame and Redwood residence (5 rooms): hardwood floors, linoleum baths, prepared shingle roof, wood sash, etc.

Owner—Miss Eleanor Clausen, 454 Bolino Ave., Mill Valley.

Architect—S. A. Leewing, 86 Marina Drive, San Rafael.

The owner will take bids from a selected list of contractors.

Contract Awarded  
 RESIDENCE Cost, \$12,000 SAN MATEO, Lot 12 & 13, Blk. 13, 28th and Alameda de las Pulgas.

Two-story frame residence.

Owner—Vincent Hallinan, 956 Sacramento St., San Francisco.

Plans by Clemens Friedell, 258 Delmar Way, San Francisco.

**Sub Contracts Awarded**

RESIDENCE Cost, \$500 BERKELEY, Alameda Co., Calif.

Two-story frame residence (6 rms.), garage.

Architect—Michael Goodman, 2163 Center St., Berkeley.

Roofing—G. I. Tyler, 351 Hobart St., Oakland

Plumbing—Sundermann Plumbing

Co., 921 University Ave., Berkeley.  
 Electric Wiring—James Anderson,  
 2423 23rd Ave., Oakland.  
 Heating—E. Mork, 1606 10th St.,  
 Berkeley.  
 Tile Work—Bigney Tile Co., 3012  
 Harrison St., Oakland.  
 Sash & Doors—Hager Sash & Door  
 Co., 1290 Cedar Ave., Berkeley.  
 Hardwood Floors—Harry Carlson,  
 1088 Peralta, Berkeley.  
 Iron Grille Work—Mueller Wrought  
 Iron Works, 1728 San Pablo, Berke-  
 ley.  
 Brick and Stone Work — W. H.  
 Wisheropp, 3041 Wisconsin St., Oak-  
 land.  
 Grading — J. Henry Harris, 2425  
 Valley St., Oakland.  
 Foundations and Concrete — A. A.  
 Johnson & Sons, 2322 Edwards,  
 Berkeley.  
 Lumber—Tilden Lumber Co., foot  
 University Ave., Berkeley.  
 Hardware—Berkeley Hardware Co.,  
 2154 University, Berkeley.  
 Lathing and Plastering—Scott and  
 Spear, 1344 Northside, Berkeley.  
 Linoleum—Higgins Co., 2335 Broad-  
 way, Oakland.

**Contract Awarded**  
 RESIDENCE Cost, \$9,500  
 BERKELEY, Alameda Co., Cal. 95  
 Northgate.  
 Two-story frame residence (7 rooms),  
 garage.  
 Owner—Dr. B. F. Mellow, 2476 Hill-  
 gard St.  
 Architect—Not Given.  
 Contractor—C. M. Teigland, 525 49th  
 St., Oakland.

**To Be Done By Day's Work**  
 RESIDENCES Cost, \$6,000 each  
 SAN FRANCISCO. N. Beach, 169 &  
 195 H. W. of Divisadero St.  
 Two two-story and basement frame  
 residences.  
 Owner & Builder—Oliver M. Rous-  
 seau, 321 Kearny St.  
 Architect—Not Given.

**TO ASK BIDS SHORTLY**  
 ENCINO, Los Angeles Co., Cal.—  
 Architects Myron Hunt and H. C.  
 Chambers, 408 S. Spring St., Room  
 1218, Los Angeles, will start taking  
 bids at once for a large Spanish  
 style 12-room residence to be built  
 in Encino for Dr. O. C. Welbourn.  
 In addition to the residence, a chap-  
 el, Mirador and a 5-car garage will  
 be built on the grounds.

**Contract Awarded**  
 RESIDENCE Cost, \$12,000  
 SAN MATEO CO. Santa Cruz Ave.  
 and Sandhill Road. Lot 13. To-  
 bin Tract.  
 Two-story frame residence.  
 Owner—W. H. Rich, Santa Cruz Ave-  
 nue, Menlo Park.  
 Architect—Not Given.  
 Contractor — Carroll Da Mant, 137  
 Donohoe St., Palo Alto.

**Preparing Working Drawings**  
 RESIDENCE Est. Cost, \$10,000  
 MORAGA ESTATES, Contra Costa  
 County, Calif.  
 One-story frame and wood residence  
 (8 rooms) plaster interior, com-  
 position and shingle tile roof, hard-  
 wood floors, linoleum baths,  
 wood sash.  
 Owner—Withheld.  
 Architect—Marshall Dean & John  
 Hudspeth; Marshall Dean, Archi-  
 tect, 2104 Addison St., Berkeley.  
 Upon completion of plans owner  
 will take segregated bids.

**Bids In—Held Under Advertisment**  
 RESIDENCE Cost, \$.....  
 OAKLAND, Alameda County, Calif.  
 Montclair Highlands.  
 One-story frame residence (4 rms.),  
 rustic exterior, shingle roof, gas-

fired central heating system, etc.  
 Owner—Name Withheld.  
 Architect—Alfred C. Williams, 2905  
 Dwight Way, Berkeley.

Bids were received by the owner  
 from a selected list of contractors.

**Plans Being Revised**  
 RESIDENCE Cost, \$.....  
 MODESTO, Stanislaus Co., Cal. Wa-  
 lter Road.  
 Two-story frame and brick veneer  
 residence, shake roof, steel and  
 wood sash, hardwood floors, tile  
 baths.

Owner—Mrs. Thomas, c/o Architect.  
 Architect—G. N. Hilburn, 1312 I St.,  
 Modesto.

Revised plans will be re-figured by  
 a selected list of contractors.

**Contract Awarded**  
 RESIDENCE Cost, \$.....  
 HILLSBOROUGH, San Mateo Co.,  
 Modesto.

Two-story frame residence.  
 Owner—Withheld.  
 Architect—Miller & Warnecke, 1700  
 Financial Center Bldg., Oakland.  
 Contractor—Suburban Builders, Inc.,  
 1182 Market St., San Francisco.

Bids were previous reported as  
 having been rejected; however, Owner  
 later awarded contract.

**Architect Selected**  
 RESIDENCES

Cost, less than \$4,000 each  
 RICHMOND GARDENS PROJECT,  
 Contra Costa Co., Calif.  
 Two hundred one-story frame resi-  
 dences, fire-resistant roofs, steel  
 sash, hardwood floors, linoleum  
 baths.

Owner & Builder—National Housing  
 Bureau, 1299 Macdonald Avenue,  
 Richmond (Dick J. Richards, Ex-  
 ecutive Director).  
 Architect—Edwin L. Snyder, 2104  
 Addison St., Berkeley, Director  
 of Architecture.

Both segregated and general bids  
 will be asked in about 10 days.

**To Be Done By Day's Work**  
 RESIDENCE Cost, \$7,200  
 BERKELEY, Alameda Co., Calif.  
 920 Spruce St.

Two-story frame and stucco resi-  
 dence and garage (7 rooms).

Owner & Builder—C. M. MacGregor,  
 1391 Solano St.  
 Architect—Not Given.

**Plans Being Figured**  
 RESIDENCE Est. Cost, \$11,000  
 OAKLAND, Alameda Co., Calif. Ly-  
 man Road.

Two-story frame and stucco resi-  
 dence with full basement (eight  
 rooms), tile and composition roof,  
 tile bathrooms and showers,  
 wood sash, two fireplaces, hot  
 air heating plant with automatic  
 coal feed.

Owner—F. Giamboni.  
 Plans by Paul V. Tuttle, 3718 Grand  
 Ave., Oakland.

Plans are being figured by a closed  
 selected list of contractors.

**Contract Awarded**  
 RESIDENCE Cost \$14,000  
 SAN FRANCISCO. W. Montclair 200  
 N. Lombard Street.

Two-story and basement frame and  
 stucco residence.

Owner—H. G. Larsh, 42 Sixth Ave.  
 Architect—Farr & Ward, 68 Post St.  
 Engineer—W. H. Ellison, Pacific  
 Building

Contractor—D. B. Gladstone 557 Mar-  
 ket Street. \* 4

## 15—SCHOOLS

**BIDS WANTED**  
 KERN COUNTY, Cal.—Until Novem-  
 ber 10, 6:00 p.m., bids will be  
 received by the Maricopa Unified

School District for repairing fire  
 damage to a school building at  
 Maricopa, Kern County.

**SUB-BIDS WANTED**  
 ALAMEDA, Cal.—Miller Construc-  
 tion Company, 3917 Mission St., is  
 figuring plans and desires sub bids  
 on all portions of the work for the  
 construction of the Mastick School,  
 Bay and Santa Clara Avenue, Alame-  
 da, for which bids will be opened  
 November 2, 8:00 p.m., by the Alame-  
 da Board of Education.

Plans prepared by Architects Kent  
 & Haas, Underwood Bldg., San Fran-  
 cisco.

**SUB BIDS WANTED**

FRESNO, Calif.—Trebwhitt-Shields  
 & Fisher, Pacific-Southwest Building  
 Fresno, is figuring plans and desires  
 sub bids on all portions of the work  
 for the construction of the following:  
 Santa Clara Gymnasium, for which  
 bids will be opened Nov. 16, 7 P. M.  
 Plans by Architect Harold H. Weeks,  
 San Francisco.

Porterville Union High School, for  
 which bids will be opened Nov. 19,  
 2 P. M. Plans by Architect W. D.  
 Coates, Fresno.

Montgomery Ward Co. store build-  
 ing at Visalia, for which bids will be  
 opened in the Chicago office of owner,  
 Nov. 9, 10 A. M.

East Bakersfield High School, for  
 which bids will be opened Nov. 8,  
 7 P. M. Plans by Architect Chas. H.  
 Bigger, Bakersfield.

Wentworth Elementary School addition,  
 for which bids will be opened Nov.  
 1st, 8 P. M. Plans by Perrone &  
 Mackie; Herbert E. Mackie, archi-  
 tect, Los Angeles.

**BIDS WANTED**

SAN FRANCISCO, Calif.—Until  
 November 10, 2:30 P. M., bids will  
 be received by the Department of  
 Public Works, Room 251, City Hall,  
 for completion of following rooms at  
 Lawton School on Lawton St., bet.  
 30th and 31st Avenues: Rooms 3, 5,  
 6, 7, 8, 9, 101, 102, 108, 126, 127, 128,  
 201, 202, 203, 221, 222, and 223. Est.  
 Cost \$92,500.

Plans and specifications may be  
 obtained from the offices of City  
 Architect Chas. H. Sawyer, Room  
 265, City Hall, upon deposit of \$15.

**Architect Retained**

SCHOOL Est. Cost, \$225,000  
 ANCHORAGE, Alaska.  
 New school building.  
 Architect—F. A. Naramore, Central  
 Bldg., Seattle.

**PWA recently approved project. 15**

Planned  
 POWER HOUSE Est. Cost, \$220,000  
 SEATTLE, Wash. Campus, Univ. of  
 Washington.

Addition to heating and power plant  
 including enlargement of power  
 plant building, new boiler, new  
 firing equipment, coal storage ex-  
 pansion and new coal pier.

Owner—Board of Regents, U. of W.,  
 Herbert T. Condon, Secy., Educa-  
 tion Hall.

Plans by Chas. C. May, Supt. of  
 Buildings and Grounds, Educa-  
 tion Hall.

Work planned for early 1938 con-  
 struction.

**BIDS WANTED**

FULLERTON, Orangs Co., Calif.—  
 Until Nov. 9, 7:30 P. M., bids will  
 be received by the Fullerton Union High  
 School District for floor covering and  
 light fixtures for administration and  
 social science building under con-  
 struction on E. Chapman Ave., Full-  
 erton. Bidding data obtainable at  
 the office of the Plant Superinten-  
 dent, Fullerton High School, Chap-  
 man and Pomona Aves., upon depos-  
 it of \$5. Certified or cashier's check or  
 bond for \$5. \* 5

**BIDS WANTED**

**NEAR EL MONTE, Los Angeles Co., Cal.**—Until Nov. 22, 7:30 p.m., bids will be received by Mountain View School District for a 1-story, 8-classroom administration and clinic building to be built at the Mountain View School, located about 1 mile east of El Monte. A PWA project; wood frame construction, composition and the roof, wood double-hung windows, toilets with tile floors and metal partitions, concrete corridor floors, asbestos tile floor covering, gas-steam radiators, steel lockers; estimated cost, \$70,000. PWA project; available on or about Nov. 1 from the architect, T. C. Kistner, 412 Architects' Bldg., Los Angeles.

**BIDS WANTED**

**BARSTOW, San Bernardino Co., Cal.**—Until Nov. 18, 8 p.m., bids will be received by the Barstow Union High School District for a classroom building, administration building and shops to be built on the Barstow High School campus, a PWA project. Plans obtainable from Architect E. Chas. Parks, 29 Fuller Bldg., San Bernardino, upon deposit of \$25. They will be reinforced concrete structures with Mission tile roof, steel sash, metal toilet partitions, steam heat, clock and bell system, electrical work and plumbing; estimated cost, \$120,000. Blaine Nolce, structural engineer, Los Angeles.

**BIDS WANTED**

**OCEANSIDE, San Diego County, Cal.**—Until Nov. 30, 7:30 p.m. (postponed from Nov. 16), bids will be received by Oceanside-Carlsbad Union High School District for construction of west wing addition to the high school plant. It will contain 9 classrooms and administration units—wood frame and stucco construction, composition roof, reinforced concrete basement walls, steam heating; estimated cost, \$60,000. Plans will be available on or about Nov. 1 from Architects Kistner & Curtis, 412 Architects' Bldg., Los Angeles, and 675 Spreckels Bldg., San Diego.

**BIDS WANTED**

**SOUTH WHITTIER, Los Angeles Co., Cal.**—Until November 16, bids will be received by the South Whittier School District for a new school plant to be built in South Whittier, a PWA project. The first unit, to cost about \$83,250, will include an auditorium, administration unit, four classrooms and kindergarten. Additional classrooms, to cost approximately \$40,000, will be built later. The buildings will be reinforced concrete structures with wood roof construction.

Plans are obtainable at the office of the architect, Richard M. Bates, Jr., 3670 Wilshire Blvd., Los Angeles, upon deposit of \$10.

**Bids Rejected**

**SHOP BLDG., DANVILLE, Contra Costa Co., Calif., Alamo Road.**  
One-story frame shop building addition to San Ramon Valley High School.  
Owner—San Ramon Union High Sch. District.  
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Bids were rejected as too high and new bids will be asked shortly.  
Graham & Jensen, 1257 29th Ave., San Francisco, at \$13,970, submitted previous low bid.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Robert E. Millsap, 437 S. Hill St., awarded contract for construction of a two-story

high school building at 2900 W. Pico Blvd. for the Archdiocese of Los Angeles.

Henry Carlton Newton, A. I. A., 502 Architects' Building.

**Bids Wanted—To Close November 15, 2:00 P. M.**

**SCHOOL, Fowler, Fresno Co., Calif.**—Fourth and Tuolumne Sts. Cost, \$160,000

One-story wood frame school building with concrete floor laid on an earth fill, metal lath and plaster interior walls and partitions, cement stucco exterior walls and composition roof. The building will contain ten classrooms, each with work alcove, supply space, cloak room. A domestic science department with model dining room and necessary equipment, a library provided with shelving, and an auditorium to seat 650 and stage equipment, administrative offices, boys' and girls' rooms, storage space and small basement for boiler room, direct steam radiation with provision for ventilation of auditorium, approximately 27,000 feet.

Owner—Fowler Elementary School District (W. T. Dice, Clerk).  
Architect—Charles H. Franklin, 522 T. W. Patterson Bldg., and Ernest J. Kump, Rowell Bldg., Fresno, Calif.

Plans and specifications may be obtained from the architects at 522 Patterson Bldg., Fresno, upon deposit of \$25.

Bids will be opened in the Auditorium of the Fowler Elementary School District.  
Bids must be accompanied by certified or cashier's check or bid bond for 5%.

PWA allotted grant in the amount of \$45,000 to assist in financing.

**Bids Wanted—To Close November 22, 8:00 P. M.**

**HIGH SCHOOL, Cost, \$57,765**  
**POINT ARENA, Mendocino Co., Cal.**

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agriculture room, library and auditorium to seat 300.

Owner—Point Arena Union High Sch. District.

Architect—Clarence Cankims, Rosenberg Bldg., Santa Rosa.  
Plans and specifications may be obtained from the architect's office upon deposit of \$15.

Bids must be accompanied by a certified or cashier's check or bid bond for 5% and will be opened and publicly read in the Principal's office.

**Bids Wanted—To Close November 12, 4 P. M.**

**ADDITION, Esq. Cost, \$40,000**  
**PLACERVILLE, El Dorado Co., Calif.**

Cottage and Union Sts.  
Two-story addition, two classrooms, manual training rooms and assembly hall to present building and addition to boiler capacity.  
Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids will be opened in the Clerk's office, Placerville Grammar School District.

FVA recently allotted grant in the amount of \$18,000 to assist in financing.

**Bids Wanted—To Close November 9, 2 P. M.**

**SCHOOL, Cost, \$5,000**  
**SNELLING, Merced Co., Calif.**

Two-room school building on the school site.  
Owner—Snelling School District, Merced Co.

Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francis Drake Hotel, San Francisco. Civil Engineer—W. E. Bedesen, Merced.

Plans and specifications may be obtained from the architect's office in San Francisco and from the engineer's office, Merced, upon deposit of \$10.

Bids must be accompanied by a certified or cashier's check of 10% and will be opened in the old Merced County Court House at Snelling.

**BIDS OPENED**

**PORTABLE, Est. Cost, \$3,990**  
**BERKELEY, Alameda Co., Cal.**  
Toma and Colusa Sts.

Portable steel frame classroom addition to Thousand Oaks School.  
Owner—Berkeley Unified School District (Clara F. Andrews, Secy.), 2325 Miwila St.

Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.

Low Bidder—Adam Arras & Son, 4008 18th St., San Francisco—\$7,167.

Complete bids follow:  
Adam Arras & Son, S. F. \$7,167

Central Calif. Const. Co., S. F. 7,946

L. Neilson, Berkeley 7,816

Fred J. Early, S. F. 8,753

Bids ran high and are being held under advisement.

**Bids Wanted—To Close November 15, 7:30 P. M.**

**ALTERATIONS, Cost, \$5,000**  
**SALINAS, Monterey Co., Calif.**

Revision of heating systems in the Roosevelt School, Central and Capitol Streets and the Lincoln School, California and Maple Sts. Owner—Salinas School District.  
Architect—Charles E. Butler, 7 Winham St., Salinas.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

**LOW BIDDER**

**LONG BEACH, Los Angeles Co., Cal.**—J. E. Burrell & Son, 518 W. 17th St. Long Beach submitted the low bid to the Long Beach Board of Education, October 27, at (1) \$43,865, for rehabilitating the shop and shower buildings at the Lindbergh School, and (2) \$60,827, for rehabilitating the shop, shower and cafeteria buildings.

Francis H. Gentry, Structural Engineer, Jergins Trust Bldg., Long Beach, and D. Easton Herald, Architect, First National Building, Long Beach.

**BIDS WANTED**

**MOJAVE, Kern Co., Cal.**—Until November 15, 7:30 p.m., bids will be received by the Mojave School District for the construction of a school building on the old airport site in Mojave, a PWA project.

Plans obtainable from the architect, C. G. Zimmerman, 709 H. W. Holman Bldg., Los Angeles, upon deposit of \$25. Certified or cashier's check or bond for 5% required.

The building will contain 7 classrooms, 2-room kindergarten, kitchen, offices and an auditorium to seat 400 persons; reinforced concrete construction, wood roof trusses, composition roof, hot water heating system with oil-burning furnaces, unit ventilators, asphalt tile floors, patented windows, acoustical materials. \* 15

Bids will be opened in the Clerk's office, Placerville Grammar School District.

FVA recently allotted grant in the amount of \$18,000 to assist in financing.

**Bids Wanted—To Close November 18, 7:00 P. M.**

**GYM & POOL, Est. Cost, \$125,455**  
**WATSONVILLE, Santa Cruz Co.,**

Cal. Watsonville High School.  
One-story reinforced concrete gym.  
(to house manual training shop,  
music room, boys' and girls'  
shower and dressing rooms, lock-  
er and practice rooms, etc.), and  
pool.

Owner—Watsonville Union High Sch.  
District.

Architect—Harold H. Weeks, 593  
Market St., San Francisco.

PWA allotted grant in amount of  
\$56,455 to assist in financing.

Plans and specifications may be  
obtained from the architect's office  
upon deposit of \$20.

#### Contracts Awarded

##### HARDWARE, ETC.

NAPA, Calif.

Furnish and install finish hardware  
and electrical lighting equipment  
in the Napa Union High School  
Building.

Owner—Napa Union High School  
District (Butro J. Frost, Clerk).

Architect—Wm. Herbert, Rosenberg  
Bldg., Santa Rosa.

Separate bids were received for  
electric fixtures and finish hardware  
and contracts awarded as follows:

##### Electric Fixtures

Normal A. Russell, 822 College  
Ave., Santa Rosa—\$3900.

##### Finish Hardware

Associated Hardware Co., Inc.,  
2862 San Pablo Avenue, Oakland—  
\$1469.

#### Plans Completed

**SCHOOL** Est. Cost, \$14,500  
MONTEREY COUNTY, Cal. Buena  
Vista School District.

One-story frame school building (2  
classrooms, coat and lunch  
rooms, two workrooms, teachers'  
room, janitor's room, boys' and  
girls' toilets).

Owner—Buena Vista School District.  
Architect—Chas. E. Butner, 7 Win-  
ham St., Salinas.

Plans have been forwarded to the  
State Division of Architecture for  
approval.

PWA recently allotted grant in  
the amount of \$6525 to assist in  
financing.

#### Contract Awarded

**ALTERATIONS** Cont. Pr., \$37,353  
MILL VALLEY, Marin Co., Calif.

Alterations and additions to the Old  
Mill School (replace brick with  
frame and stucco, shingle roof-  
ing, etc.)

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst  
Bldg., San Francisco.

Contractor—Peter Sartorio, 369 Pine  
St., San Francisco.

Contract price includes addition of  
\$1,725 for awning windows.

Complete bids and alternate bids  
published October 27.

#### Correction in Second Low Bid

**PORTABLE** Est. Cost, \$3,990  
BERKELEY, Alameda Co., Cal. Ta-  
coma and Colusa Sts.

Portable steel frame classroom addi-  
tion to Thousand Oaks School.

Owner—Berkeley Unified School Dis-  
trict (Chas. F. Andrews, Secy.),  
2325 Milvia St.

Architect—John B. Anthony, 2014  
Shattuck Ave., Berkeley.

Low Bidder—Adam Arras & Son, 4008  
18th Street, San Francisco—\$7,167

As previously reported, complete  
bids follow:

Adam Arras & Son, S. F. \$7,167  
Central Calif. Const. Co., S. F. 7,648

L. Neilson, Berkeley 7,946  
Fred J. Early, S. F. 8,733

Bids ran high and are being held  
under advisement.

#### BOND ELECTION

WESTWOOD, Lassen Co., Calif.—  
Westwood Unified School District  
(Bert Rodman, Inspector), will vote  
on November 13 on a proposal to  
issue bonds in the amount of \$135,-  
000, proceeds to finance construction  
of alterations and improvements to  
school buildings.

#### BIDS WANTED

OCEANSIDE, San Diego Co., Cal.  
—Until Nov. 30, 7:30 P. M. (time  
extended from Nov. 16) bids will  
be received by Oceanside-Carlsbad  
Union High School District for con-  
struction of west wing addition to  
the high school plant. It will con-  
tain 9 classrooms and administra-  
tion units; wood frame and stucco  
concrete, composition roofing, rein-  
forced concrete basement walls,  
steam heating. Est. cost, \$60,000.  
Kistner & Curtis, Architects, 412  
Architects' Bldg., Los Angeles, and  
675 Spreckels Bldg., San Diego.

#### CONTRACT AWARDED

WASCO, Kern Co., Calif.—Trew-  
hitt-Shields & Fisher, 1501 Pacific  
Southwest Bldg., Fresno, at \$60,900,  
submitted low bid and was awarded  
contract by the Wasco Union Ele-  
mentary School District for a two  
classroom reinforced concrete unit, a  
caterer and a toilet building to be  
added to the Wasco Grammar School  
in Kern County. Plans prepared by  
Perrine & Mackie; Herbert E.  
Mackie, Architect, 908 Western Pa-  
cific Bldg., Los Angeles.

#### Complete bids follow:

Trewhitt-Shields & Fisher.  
Fresno

Louis Hansen & Son, Fresno	\$60,900
F. A. Greenough, Bakersfield	61,200
Hansen & Izer, Ventura	61,500
W. W. Petley, L. A.	62,665
Harris Constr. Co., Fresno	64,927
Metzger & Son, Bakersfield	65,511
Peter Shelby, Manhattan	65,589
Beach	66,655

#### CONTRACT AWARDED

BURLINGAME, San Mateo Co.,  
Calif.—H. R. Park, 1230 Broadway,  
Burlingame, at \$1,213 submitted low  
bid and was awarded contract by  
the trustees of the Burlingame Ele-  
mentary School District, Winifred  
Jeppesen, Clerk, for installation of  
Electrogas furnace, with blowers,  
flue, and other accessories, in the  
auditorium of the Roosevelt School  
building.

Garvey Sheet Metal Works, 1206  
Donnelly Ave., Burlingame, at \$1,-  
378.15 submitted second low bid.

#### BIDS WANTED

EL MONTE, Los Angeles Co., Cal.  
—Until Nov. 10, 7:30 P. M., bids  
will be received by the El Monte  
Union High School District for a 6-room  
wood frame social science building,  
the first unit of a complete new  
high school plant to be built in El  
Monte. Plans may be obtained from  
the architects, Marsh, Smith and  
Powell, 816 W. 5th St., Los Angeles,  
upon deposit of \$20, returnable.

#### Plans Completed

**SCHOOL** Est. Cost, \$105,069  
FRUITRIDGE, Sacramento Co., Cal.

One-story frame school building  
containing 14 classrooms and an  
assembly hall with stage, labora-  
tories, office, waiting room,  
kitchen, wood room, teachers' room, and  
stucco walls, shingle roof, trusses,  
radiation heating, floor area of  
26,540 sq. ft.

Owner—Fruitridge School District.  
Architect—Charles Dean, California  
State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg,

320 Market St., San Francisco.  
Plans have been completed and  
forwarded to the State Division of  
Architecture for approval.

Bids Wanted—To Close November 15,  
8 P. M.

**SCHOOL** Est. Cost, \$38,364  
STEVENSON, Merced Co., Calif.

One-story frame and stucco school  
building, concrete foundations,  
corridors, floors and toilet room  
floors; four classrooms, activity  
classroom and assembly with  
stage, office and toilet facilities;  
wood roof with tile covering;  
metal lath or gypsum wall board  
interior.

Owner—Merquin Union Sch. District,  
Merced County.

Architect—Chas. F. Dean, California  
State Life Bldg., Sacramento.

Structural Engineer—F. W. Kellberg,  
320 Market St., San Francisco.

PWA allotted grant of \$16,364 and  
loan of \$20,000, to finance work.

Plans and specifications may be  
obtained from an architect's office  
upon deposit of \$25.

Bids will be opened in the office  
of Ralph Edminster, Clerk of the  
Board, Merquin Union High School,  
Stevenson.

#### LOW BIDDEES

ST. DAVID, Ariz.—Womack Const.  
Co., 1006 W. Roosevelt St., Phoenix,  
submitted low bid to St. David Sch.  
District, at \$13,937, for construction  
of a new school in St. David. L. W.  
Greer, 1418 E. Van Buren Street,  
Phoenix, submitted low bid at \$6050  
for the plumbing and heating. The  
building will contain six classrooms  
and an auditorium to seat 250 per-  
sons. Henry O. Jaastad, architect,  
103 Miltonberg St., Tucson.

#### TO SUPERVISE CONSTRUCTION

PHOENIX, Arizona.—Del E. Webb  
Construction Co., 1633 W. Jefferson  
St., Phoenix, will supervise construc-  
tion of a new two-story Catholic  
high school at Second and Folk Sts.,  
Phoenix, for St. Mary's parish. Est.  
cost, including equipment, \$90,000.00.  
Lescher & Mahoney, architects, 1100  
Title & Trust Bldg., Phoenix, 15

#### BIDS WANTED

MOJAVE, Kern Co., Calif.—Until  
Nov. 15, 7:30 P. M., bids will be  
received by the Mojave School District  
for construction of a school building  
on the old airport site in Mojave, a  
PWA project. Plans obtainable from  
the architect, A. C. Zimmerman, 709  
H. W. Hellman Bldg., Los Angeles,  
upon deposit of \$25. Certified or  
cashier's check or bond for 5% re-  
quired. The reinforced concrete bid-  
ding will contain 7 classrooms, 2-room  
kindergarten, kitchen, offices and an  
auditorium to seat 406 persons.

#### Sub Contract Awarded

**ALTERATIONS** Cont. Pr., \$37,353  
MILL VALLEY, Marin Co., Calif.

Alterations and additions to the Old  
Mill School (replace brick with  
frame and stucco, shingle roof-  
ing, etc.).

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst  
Bldg., San Francisco.

Contractor—Peter Sartorio, 369 Pine  
St., San Francisco.

Structural Steel and Misc. Iron—An-  
chor Post Fence Co., 460 Fifth  
St., San Francisco.

M. J. Reeves Heating Co., 959 Na-  
toms St., San Francisco, at \$1,442,  
awarded heating under separate con-  
tract.

Bids Wanted—To Close November  
22, 2:00 P. M.

**SCHOOL** Cost, \$72,727  
PORTLAND, Ore. SE Ramona St.



One-story frame school building (192 x 96 ft.), including auditorium (58 x 50 ft.).  
 Owner—Gilbert School District, Alfred Blatchford, Clerk.

Architect—Jones & Marsh, Woodlark Bldg., Portland.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$25.

**Bids Wanted—To Close November 22, 8 P. M.**  
**SHOP BLDG.** Cost, \$  
 DANVILLE, Contra Costa Co., Calif. Alamo Road.

One-story frame shop building addition to San Ramon Valley High School.  
 Owner—San Ramon Union High Sch. District.

Architect—Norman R. Coulter, 46 Kearny St., San Francisco.  
 Plans and specifications may be obtained from the architect's office upon deposit of \$10.00.

Bids will be opened in the Principal's office at the high school.  
 Bidding have taken out plans: Graham & Jensen, 1257 20th Ave., San Francisco.

Mark Bristol, 1038 McKinley Ave., Oakland.  
 Stephen H. Johnson, Box 95, Danville.

At previous bid opening, Graham & Jensen, San Francisco, submitted the low bid at \$13,970. All bids were rejected.

**Completing Plans** Est. Cost, \$110,000  
**SCHOOL**  
 PUYALLUP, Wash.  
 Addition of two three-story wings and one-story lean-to to present high school.

Owner—Puyallup High School District, Pierce Co., R. L. Forbes, Clerk.  
 Architect—Mock & Morrison, Perkins Bldg., Tacoma.

Bids will be asked about Nov. 25 for general construction, heating, plumbing and electric work. 15

**BIDS WANTED**  
**NEAR EL MONTE**, Los Angeles Co., Cal.—Until Nov. 22, 7:30 p.m., bids will be received by Mountain View School District for a 1-story, 8-classroom administration and clinic building to be built at the Mountain View School, located about one mile east of El Monte, a PWA project; wood frame construction, composition and tile roof, wood double-hung windows, toilets with the floors and metal partitions, concrete corridors, asbestos tile floor covering, gas-steam radiators, steel lockers; estimated cost, \$70,000. T. C. Kistner, architect.

**CONTRACT AWARDED**  
**LONG BEACH**, Los Angeles Co., Cal.—J. E. Burrell & Son, 513 W. 17th St., Long Beach, awarded contract by Long Beach Board of Education, at \$91,227, for rehabilitating the shop and shower buildings at the Lindbergh school site. Francis H. Gentry, engineer, Jergins Trust Bldg., Long Beach; D. Easton Herral, architect, First National Bldg., Long Beach. Work will consist of removing the brick exterior walls and replacing with plaster, composition roof, structural steel, marble repairs.

**BIDS WANTED**  
**SOUTH WHITTIER**, Los Angeles Co., Cal.—Until Nov. 15, bids will be received by the South Whittier Sch. District for a new school plant to be built in South Whittier, a PWA project. The first unit, to cost about \$83,250, will include a reinforced concrete auditorium, administration unit, four classrooms and kindergarten. Additional \$100,000 will be built later.

Plans are obtainable at the office of the architect, Richard M. Bates, 1130 36th Wiltshire Blvd., Los Angeles, upon deposit of \$10.  
**Contract Awarded**  
**SCHOOL** Cont. Pr., \$5,994  
 CANTILE, Kern Co., Calif.  
 One-story frame and stucco school building (classroom, supply and toilet rooms).  
 Owner—Red Rock School District, Calif.  
 Architect—F. Wynkoop, 1919 Orange St., Bakersfield.  
 Structural Engineer—F. W. Keilberg, 320 Market St., San Francisco.  
 Contractor—Andrew Archibald, 1260 E. Palm Ave., Altadena.

Other bids were:  
 Life Coker \$6,590  
 J. S. Orr 7,195  
 Carter & Feuler 7,466  
 Wm Gannon 7,474  
 M. S. Roberts 7,986

November 4, 1937  
**Preparing Preliminary Plans**  
**SCHOOL** Cost, \$  
 NILES, Alameda Co., Calif.  
 New elementary school building.  
 Owner—Niles School District.  
 Architect—John J. Donovan, 950 Parker St., Berkeley.

**16—BANKS, STORES AND OFFICES**  
**Taking Segregated Bids Today**  
**ALTER BANK** Cost, \$  
**REDDING**, Shasta Co., Calif.  
 Alterations to building branch of the Bank of America  
 Owner—Capital Co., 625 Market St., San Francisco.  
 Plans by Constructing Department of Owner.  
 Segregated bids are being received today for reinforcing steel, bank fixtures, plumbing and heating and electrical work.

**Plans Completed**  
**STORE FRONT** Cost, \$, ....  
**SAN FRANCISCO**, Calif. Eleventh & E. Street.  
 New storefront on Dupen's; curved, metal and glass show window.  
 Owner—Dupen's.  
 Architect—Clas E. Dean, California State Bldg., Sacramento.  
 Will open shortly.

**CONTRACT AWARDED**  
**LOS ANGELES** 731 Miller-Saunders Co., 175 Morse Ave., awarded contract for 2-day office building to be built at corner of McKinley and 14th Aves., for Coast Center Building Co., W. M. Boston, structural engineer, 821 Parkside, Huntington Park.

**BIDS OPENED**  
**SAVANNAH** 1930—C. J. Hopkins, 1102 21st St., Sacramento, at 10:35 a.m. opened bids to the Office Building, 1000 E. Bldg., Sacramento, for general repairs and improvement of the Montgomery Building, 14th and 15th Sts., State University, 29th St., \$2,625.  
 Bids were: Sacramento 2,683  
 Sacramento 2,808  
 Sacramento 3,150  
 Sacramento 3,225  
 Sacramento 3,690

**PREPARING PLANS**  
**LOS ANGELES**, Los Angeles  
 Architects—A. & Wilson, 1142 Broadway, W. Los Angeles, and  
 Engineer—Wm. Coffey, 649

S. Olive St., Los Angeles, are completing plans for a 6-story reinforced concrete office building to be built at 411-17 N. Camden Drive, Beverly Hills, for the Beverly Professional Bldg. It will cost approximately \$250,000

**LOW BIDDER**  
**VAN NUYS**, Los Angeles Co., Cal. Brunzell & Jacobson, 2150 Princeton Ave., submitted low bid to the Los Angeles Water & Power Bureau, at \$42,783, (1) add \$420 for reverse refrigeration, for construction of the Van Nuys office and shop building on the NW corner of Acta Street and Vesper Avenue; PWA Docket 1929-R, Unit 5.

**COMPLETING PLANS**  
**LOS ANGELES**, Cal.—Austin Co., 777 E. Washington Blvd., will start work about November 15 on the construction of a large building on the north side of Sunset Blvd. between Vine and Argyle Streets, for the National Broadcasting Co.

Plans for the plant, which will be designed for future expansion, are now nearing completion in the Austin Company's offices.  
 The building will be part 1-story and part 3-story in height, of Class A and Class C construction, and will cover an area 350 x 240 ft. It will contain four auditoriums and four smaller studios; reinforced concrete walls, architectural concrete exterior, composition roof, air conditioning system, sound insulation materials, structural steel, Cost, including furnishings and equipment, will total about \$1,000,000.

**Plans Completed**  
**MARKET** Cost, \$,.....  
**SAN MATEO**, Calif.  
 One-story and masonry reinforced concrete market building, wood trusses, composition roof, terra cotta front.  
 Owner—Withhead.  
 Architect—Mario Corbett, 72 Third Ave., San Mateo.

Plans will go out for figures November 3, to the following selected list of contractors:  
 Herman T. Holscher, 325 Elm St., San Mateo  
 Charles J. Pedersen, 734 Prospect Row, San Mateo  
 E. Orton, 151 Harriet Ave., Palo Alto.  
 Langfeld & Olund Ltd., 220 Third Ave., San Mateo.

**Contract Awarded**  
**ALTERATIONS** Cost, \$20,000  
**SAN FRANCISCO** 1215 Market St.  
 Alter bank building.  
 Owner—American Trust Co., Prem.  
 Architect—W. W. Harper, 1405 Franklin St.  
 Engineer—Geo. E. Atkins, Hobart Bldg.  
 Contractor—Manson Bros., 475 6th St.

**Contract Awarded**  
**OFFICE BLDG.** Cost, \$, ....  
**CONCORD**, Contra Costa Co., Calif.  
 Autoch Road.  
 Office building and warehouse.  
 Owner—Contra Counties Gas & Electric Co. (R. L. Harven, Division Manager).  
 Plans by Engrg Dept. of Owner.  
 Contractor—D. Nordstrom & Co., Builders, Exchange, Oakland.

**Bids In—Held Under Adjudication**  
**ALTERATIONS** Est. Cost, \$30,000  
**SAN FRANCISCO** 838 Market St.  
 Alteration to store entrance and store.  
 Owner—Sumner & Kaufmann, Inc.  
 Architect—R. Williams, 181 Post.  
 Announcement shortly.

## Alterations

OFFICE BLDG. Cost, \$10,000  
SAN FRANCISCO, 604 Mission St.  
Alterations to office building.  
Owner—Bothin Real Estate Co., 604  
Mission St.  
Architect—A. McSweeney, 604 Mis-  
sion St.  
Contractor—A. F. Mattoek Co., 212  
Clara St. . . . .6

## CONTRACT AWARDED

LOS ANGELES, Cal.—L. E. Dixon  
Co., 609 S Grand Ave., will build the  
six-story and basement reinforced  
concrete Class A department store  
building (14x144 ft.) to be construct-  
ed on the southwest corner of Wil-  
shire Blvd. and Ridgeley Drive for  
the Coulter Dry Goods Co. Cost, \$500,-  
000. Stiles O. Clements, architect, 1135  
Van Nuys Bldg.

## TO ASK SEGREGATED BIDS

PASADENA, Los Angeles Co., Cal.  
—Architect C. J. Smale, 309 S. Or-  
lando St., Los Angeles, has pre-  
pared plans for remodeling the 3-  
story building on northwest corner  
of E. Colorado St. and N. Euclid  
Ave., Pasadena, for David E. Thomp-  
son, 5752 Sunset Blvd., Los Ange-  
les. Work will be done on a segre-  
gated contract basis, with the owner  
awarding various contracts and the  
architect supervising construction.  
Work will include rebuilding the 2nd  
and 3rd stories, providing 40 medi-  
cal offices, reface exterior, marble  
work, white metal stairs and mar-  
quee, elevator, clean stone walls and  
rubber tile floors in corridors, in-  
direct lighting. Work will start  
about Nov. 10.

Taking Segregated Bids Until No-  
vember 9th

ALTER BANK Cost, \$5,000  
REDDING, Shasta Co., Calif.  
Alterations to Redding branch of the  
Bank of America.  
Owner—Capital Co., 625 Market St.,  
San Francisco.

Plans by Constructing Department of  
Owner.

Segregated bids are being received  
today for reinforcing steel, bank fix-  
tures, plumbing and heating and  
electrical work.

## CONTRACT AWARDED

BEVERLY HILLS, Los Angeles  
Co., Cal.—Conway & Wilson, 1142  
Glendon Ave., West Los Angeles, will  
build a 6-story class A reinf. conc.  
medical arts center building (68x77  
ft.) at 411-17 N. Camden Dr., Bev-  
erly Hills, for George A. Cordingly,  
J. Wesley Smith and Simon Aller.  
Estimated cost, \$250,000. Plans pro-  
vide for medical supply stores on  
the ground floor. The builders will  
take subcontracting bids soon and  
expect to have the building ready for  
occupancy by June 1, 1938.

## Contract Awarded

STORE Cost, \$8,200  
OAKLAND, Alameda Co., Cal. 821  
Jefferson St.

## One-story brick store building.

Owner Leno Piazza, 606 8th St.  
Architect—Edwin L. Snyder, 2104  
Admission St., Berkeley.  
Contractor—H. Thrams, 28 Home  
Place East, Oakland

## Contract Awarded

ALTERATIONS Cost, \$5,500  
SAN FRANCISCO NW Tenth and  
Folsom Streets

## Alter office

Owner—M. Sells & Co., care con-  
tractor.

## Architect—Not Given.

Contractor—Jaks & Irvine 629 Mar-  
ket Street.

## 17— THEATRES

## TO ASK BIDS

INDIO, Riverside Co., Calif.—Ar-  
chitect C. A. Balch, 1914 S. Vermont  
Ave., Los Angeles, is completing  
plans and will take bids starting next  
week for a reinf. conc. motion pic-  
ture theater to be built in Indio for  
Terry McDaniel, will contain a 550-  
seat auditorium and two storerooms.

## PLANS BEING FIGURED

MANHATTAN BEACH, Los Ange-  
les Co., Cal.—Until Nov. 16, 12 noon,  
bids will be received by Architect C.  
A. Balch, 1914 S. Vermont Ave., Los  
Angeles, for a motion picture theater  
building to be built on the SE corner  
of Center St. and Bay View Dr.,  
Manhattan Beach, for Pacific States  
Theaters. It will cover an area of  
120x80 ft. and will contain an audi-  
torium to seat 755 persons. The gen-  
eral contract does not include the  
heating and ventilating, electric work  
and electric fixtures, marquee, vertical  
signs or decorating, bids for which  
will be taken later.

## COMPLETING PLANS

BELL, Los Angeles Co., Cal.—Ar-  
chitect S. Chas. Lee, 1648 Wilshire  
Blvd., Los Angeles, is completing  
plans for remodeling the Maybell  
Theater in Bell for the Fox West  
Coast Theaters, Inc. Class C, brick,  
concrete; seating capacity, 800; heat-  
ing, ventilating, painting, decorating.  
Est. cost, \$50,000.

## Completing Plans

THEATRE Cost, \$—  
ARCATA, Humboldt Co., Calif.  
Theatre building.  
Owner—Redwood Theatres Inc. (Geo.  
M. Mann, President).  
Architect—Not Given.  
Mgr. of Const.—William B. David.  
Construction will start about De-  
cember 1.

## Completing Plans

THEATRE Cost, \$—  
EUREKA, Humboldt Co., Cal. Sixth  
Street bet. E and F Sts.  
Combined reinforced concrete the-  
atre and store building.  
Owner—Redwood Theatres Inc. (Geo.  
M. Mann, President).  
Architect—Not Given.  
Plans to be completed in 1 week.

## Contract Awarded

REBUILD ROOF Cont. Fr., \$4,080  
WOODLAND, Yolo Co., Calif. Sec-  
ond and Main Streets.  
Rebuild roof of Woodland Opera  
House.

## Owner—Hershey Estate.

Architect—Chas. F. Dean, California  
State Life Bldg., Sacramento.  
Contractor—E. L. Younger, 925 Main  
St., Woodland.

## Sub-Contracts Awarded

THEATRE Cost, \$50,000  
EL CERRITO, Contra Costa Co., Cal.  
San Pablo Avenue.

One-story reinforced concrete the-  
atre (to seat 750) 3 stories, com-  
position roofing, archrib trusses,  
tile toilets, acoustical treated  
walls, etc.

Owner—El Cerrito Theatre Company.  
Architect—N. R. Coniter, 46 Kearny  
St., San Francisco.

Contractor—Moore and Roberts, 693  
Mission St., San Francisco.

Roof Trusses—Arch Rib Truss Co.,  
Ltd., 608 16th St., Oakland.

Plastering—Fatta & Rinaldi, 2247 Fil-  
bert St., Oakland.

Sheet Metal—City Cornice Co., Inc.,  
3125 San Pablo Ave., Oakland.

Heating—Aladdin Htg. Corp., 5107  
Broadway, Oakland.

Electric Work—Marson Elec Equip-

ment Co., 4115 Broadway, Oak-  
land.

Concrete—J. H. Fitzmaurice, 2857  
Hannah St., Oakland.

Plumbing—Minoggio Bros., 2316 Tel-  
egraph Ave., Oakland.

## Contract Awarded

THEATRE Est. Cost, \$50,000  
ARCATA, Humboldt Co., Cal.

Theatre building.  
Owner—Redwood Theatres, Inc.  
(George M. Mann, Pres.).

Architect—Not Given.

Contractor—Moore & Roberts, 693  
Mission St., San Francisco.

Roof Trusses—Arch-Rib Truss Co.,  
Ltd., 608 16th St., Oakland.

## 19—MISC. CONSTRUCTION

## PLANS BEING FIGURED

LONG BEACH, Los Angeles Co.,  
Cal.—Until November 12, 19:00 a.m.,  
J. H. Davies, Structural Engineer,  
Ocean Center Bldg., Long Beach, is  
taking bids for the superstructure  
for the two 6-story additions being  
built at 1601 W 7th St., Long Beach,  
for the Procter & Gamble Mfg. Co.;  
separate bids are being taken on the  
general contract, elevators, elevator  
doors, electric wiring, plumbing,  
sprinkler system, sheet metal and  
roof.

The general work will include re-  
inforced concrete, steel sash, glass  
and glazing.

Bethlehem Steel Co., Slauson and  
Downey Rd., Vernon, has been  
awarded a contract for furnishing  
structural steel.

## BIDS WANTED

VERNON, Los Angeles Co., Cal.—  
Until November 29, 12 Noon, bids will  
be received by Swift & Co. Construc-  
tion Dept., Union Stock Yards, Chi-  
cago, Ill., for a new meat packing  
plant to be constructed at the com-  
pany's headquarters, located at 3750  
Jewel Ave., Vernon. The plant will  
consist of 5-story reinforced con-  
crete slaughtering building, 15x137  
ft. in area; a 6-story reinforced con-  
crete cooler building, L-shaped, 168x  
144 ft.; a 4-story reinforced concrete  
manufacturing building, 14x124 ft.;  
1-story brick and timber garage; a  
1-story reinforced concrete barrel  
washing building; a structural steel  
and timber stock drive and storage  
pens; asphalt and crushed stone pav-  
ing and sewerage and drainage sys-  
tem. Wrecking of existing structure  
is included. The work involves steel  
sash, elevators, lockers, reinforced  
concrete and brick work, structural  
steel, orn. and cast iron, terrazzo,  
asphalt tile, acoustic-celotex, Britelite  
or vit brick partitions, vaults, insula-  
tion, steel stairs, paving brick. The  
owner will furnish and install eleva-  
tors and cattle drop, packing house  
equipment, insulation, permanent  
electric wiring, permanent heating  
system, refrigeration piping and  
equipment, permanent water piping,  
steel smokehouse doors and double  
leaf elevator doors.

## FUND ALLOTMENT

LEWIS COUNTY, Wash.—REA has  
allotted \$71,000 to Martin Jacobson,  
Secretary, Public Utility District No.  
1, Alpha, Washington, to build 66  
miles of line to serve 216 customers  
in Lewis County. The project will  
receive current from the Puget Sound  
Power & Light Co., and the Wash-  
ington Gas & Electric Co.

## LOW BIDDER

COWLITZ CO., Wash.—NePage-  
McKenny Co., 804 6th St., Seattle, at  
\$73,068 submitted low bid to Cow-  
litz County Public Utility District  
No. 1, Jas. A. Doyle, Secretary, Long-  
view, for the construction of about

83 miles of electric distribution lines in Cowlitz County. Estimated cost, \$88,000.

#### BIDS WANTED

**SPOKANE, Wash.**—Until Nov. 15, 10 A. M. bids will be received by the Inland Empire Rural Electrification, Inc., 510 Ziegler Bldg., Spokane, for the construction of 200 miles of electric distribution system. Alternates will be taken on ACSR pure copper, copperweld and copperweld-copper. Work involves between 2500 and 3500 cedar poles according to type of wire used; 200 transformers carrying from 1½ kva to 5 kva, 359 services.

Plans and specifications may be obtained at the Rocky Mountain Engineering Co., 516 Ziegler Building, Spokane, upon deposit of \$10.00.

#### BIDS WANTED

**EAST SOUND, San Juan Co. Wash.**—Until Nov. 19, 10 A. M., bids will be received by the Orcas Power and Light Co., Henry Cayou, president, East Sound, for the construction of two diesel generating units having a combined capacity of 225 h.p. to be constructed on Orcas Island, Wn. Plans and specifications may be obtained at the office of the engineer, T. C. Smith, 840 Henry Bldg., Seattle.

#### TO ASK SUB BIDS

**LOS ANGELES, Calif.**—Churchill Constr. Co., 161 S. La Brea Ave., Los Angeles, will be asking sub contract bids soon for a large mausoleum they will build just outside the Alhambra city limits and west of Monterey Park for the Southern California Marble Co., Black Bldg., Los Angeles. It will be a 3-story, Monterey style structure, 550x160 ft. in area, and will contain 10,000 crypts; reinforced concrete construction, plaster exterior, ornamental iron, tile roof, cast stone, marble interior, electric organ. Marble will be supplied by the owner, Blue Nile, 5436 Carlton Way, Los Angeles, is the structural engineer.

#### BIDS IN

**LOS ANGELES, Calif.**—Architect Sumner Spaulding, 9441 Wilshire Blvd., Beverly Hills, has received bids and will announce contract soon for a new crematory chapel to be built at Rosedale Cemetery, Vermont Ave. and Washington Blvd.

#### Plans Being Figured—Bids Close

Nov. 10, 3 P. M.  
**MASON EUM** Cost, \$  
**OAKLAND, Alameda Co., Calif.**  
 Mausoleum containing 500 crypts.  
 Owner—First Hebrew Congregation.  
 Architect—Henry A. Minton, Underwood Bldg., San Francisco.

Plans are now being figured by a series of contractors.  
**Moore & Roberts, 693 Mission St., San Francisco,** is figuring plans and desires sub-bids on all portions of the work.

#### BIDS WANTED

**LOS ANGELES, Calif.**—As previously reported, until Nov. 15, 2 p. m. (date postponed from Nov. 8), bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for construction of approximately 812,400 lin. ft. of woven wire fence and 215 gates along lined canal sections and at certain reservoirs and station grounds of the Colorado River Aqueduct, in Riverside and San Bernardino Counties, in accordance with Spec. No. 251.

The schedules are:

- (1) Vidal to Iron Mt., incl. Iron Mt. reservoir, 376,000 lf. 108 gates;
- (2) Iron Mt. to Hayfield, incl. Eagle Mt. reservoir, 307,800 lf. 90 gates;

- (3) Gene Wash, Cooper Basin and Hayfield reservoirs, 52,000 lf. 6 gates;
  - (4) Cajalco reservoir, 72,000 lf. five gates;
  - (5) Camino Station, 4000 lf. 4 gates.
- Carrying or cashier's check for 10% must accompany each proposal. F. E. Weymouth, general manager and chief engineer.

**NOTE:** This Specification supercedes and cancels Spec. 245 and contains the addition of Schedule 5 for the Camino Station, and other changes in the text.

The items are:

#### SCHEDULE 1

Construction of fences and gates along lined canal between Vidal and Iron Mountain, and around Iron Mtn. reservoir.

- (1) 376,000 lf. of canal fence;
- (2) 61 10-ft. gates for canal fence;
- (3) 47 4-ft. gates for canal fence;
- (4) 7 spillway crossings, type A;
- (5) 5 spillway crossings, type B;

#### SCHEDULE 2

Construction of fences and gates along lined canal between Iron Mtn. and Hayfield, and around Eagle Mtn. reservoir.

- (6) 307,800 lf. of canal fence;
- (7) 54 10-ft. gates for canal fence;
- (8) 36 4-ft. gates for canal fence;
- (9) 4 spillway crossings, type A;
- (10) 7 spillway crossings, type B;

#### SCHEDULE 3

Construction of fences and gates at Gene Wash, Cooper Basin, and Hayfield reservoirs.

- (11) 51,000 lf. of reservoir fence;
- (12) 1000 lf. of reservoir fence delivered but not erected;
- (13) 6 0-ft. gates for reservoir fence;
- (14) 200 lin. ft. additional length of posts;

#### SCHEDULE 4

Construction of fences and gates at Cajalco reservoir.

- (15) 72,000 lf. reservoir fence;
- (16) 7 10-ft. gates for reservoir fence;
- (17) 2600 lf. reservoir parapet fence;
- (18) 200 lf. additional length of posts.

#### SCHEDULE 5

Construction of fences and gates at Camino Switching Station.

- (19) 100 lf. reservoir fence;
- (20) 4 16-ft. gates for reservoir fence.

Copies of the specifications may be obtained at Room 1007, 306 W. 3rd St., Los Angeles, upon payment of \$5.00 per set, not returnable.

#### BIDS WANTED

**SPOKANE, Wash.**—As previously reported, until Nov. 15, 10 a.m., bids will be received by the Inland Empire Rural Electrification, Inc., 510 Ziegler Bldg., Spokane, for the construction of 200 miles of electric distribution system. Alternates will be taken on aluminum (ACSR), pure copper, copperweld and copperweld-copper. Work involves between 2500 and 3500 cedar poles according to type of wire used; 200 transformers carrying from 1½ kva to 5 kva, 359 services.

Plans and specifications may be obtained at the Rocky Mountain Engineering Co., 516 Ziegler Building, Spokane, upon deposit of \$10. Correction in alternate.

#### Sub Contracts Awarded

**ADDITION** Est. Cost, \$265,000  
**SAN MATEO CO., Calif.** Holy Cross Cemetery.

Addition to Mausoleum  
 Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—Henry A. Minton, Underwood Bldg., San Francisco.  
 Contractor—Moore & Roberts, 693 Mission St., San Francisco.

**Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.**

**Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant Street, San Francisco.**

**Art Glass—Hugo Smith, Berkeley, Concrete—Bode Gravel Co., 235 Alhambra St., San Francisco.**

**Skylights—Gunn-Carle & Co., 20 Potrero Ave., San Francisco.**

**Plastering—Peter Bradley, 639 Brannan St., San Francisco.**

**Reinforcing Steel—Dick Richards, 3422 Piedmont Ave., Oakland.**

**Bronze—Michel & Pfeffer Iron Wks., Inc., 10th and Harrison Streets, San Francisco.**

**Title—Art Tile & Mantel Co., 221 Oak St., San Francisco.**

## 20—MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

**LOS ANGELES, Calif.**—California Corrugated Culvert Co., 5th and Parker, Berkeley, at \$12,717.14, ½ of 10 days, was awarded contract by the U. S. Engineer, Los Angeles, for metal cribbing delivered to Fletcher Dr. bridge crossing, Los Angeles River; Circ. Prop. 85, R. Hardesty Mfg. Co., Denver, at \$139,117 net, submitted only other bid.

#### BIDS OPENED

**SAN FRANCISCO.**—Kamian Fence Co., San Francisco, and Standard Fence Co., San Francisco, at \$15.18, submitted identical bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-39, for furnishing 700 lin. ft. fence wire and 25 lb. staples for River Reservoir Site, Yerba Buena Island, Cal. Anchor Post Fence Co., San Francisco, at \$16.50, submitted only other bid.

#### CONTRACT AWARDED

**PANAMA CANAL.**—U. S. Steel Products Co. at \$149,000 was awarded contract by the General Purchasing Officer, Panama Canal, Washington, D. C., for furnishing 3,200,000 pounds of structural steel for superstructure of dock 15, Balboa, C. Z.; Sch. 2322. M. Greenberg & Sons, at \$36,000, was awarded the contract for 12,000 pounds of bronze expansion bearing plates.

#### BIDS WANTED

**SEATTLE, Wash.**—Until Nov. 15, bids will be received by the Purchasing Agent, Alaska Road Commission, Interior Department, Federal Office Bldg., Seattle, Wash., under Proj. 6248, for furnishing steel bridge material consisting of steel castings, steel forgings, structural steel, bolts, pins for one 150-ft. steel span complete; for 150-ft. span high-way bridge.

Plans and specifications may be obtained from the above office.

#### BIDS WANTED

**OAKLAND, Cal.** Until November 19, 5 30 p.m., bids will be received by the East Bay Municipal Utility District, John A. Sweeney, Secretary, 512 16th St., Oakland, for furnishing supplies and materials, as follows: PEO. NO. 932—50 tons pig lead. PEO. NO. 933—55,000 lf. copper wire service tubing.

PEO. NO. 937 Five Chevrolet Master Copes.

PEO. 1-S-207—45,000 lf. cast iron pipe, 30,000 lf. 6-in. and 15,000 lf. 8-in.

Plans and specifications may be obtained from the above office.

#### CONTRACTS AWARDED

**FORT MASON, Calif.**—Smith Lumber Co., San Francisco, at \$30 (Item

1), and Loop Lumber Co., San Francisco, at \$22.50 (Item 2), were awarded contract by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-28-105, for furnishing (1) 3000 ft. b.m. one by twelve lumber; (2) 5000 ft. b.m. one by four misc. lumber, f.o.b. Fort Mason.

#### BIDS OPENED

**SACRAMENTO, Calif.**—Del Paso Rock Products Co., H Street Road, Sacramento, at \$3.50 per ton, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 1000 tons asphaltic concrete mixture, for the Street Maintenance Division.

A. Teichert & Son, Inc., Sacramento, at \$3.65 per ton, submitted only other bid.

#### BIDS WANTED

**OAKLAND, Calif.**—Until Nov. 9, 1:00 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 100 refuse containers.

#### BIDS WANTED

**OAKLAND, Calif.**—Until Nov. 9, 1:00 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 1000 tons crusher run base for the Street Department.

#### BIDS OPENED

**ALAMEDA, Calif.**—The following submitted bids to the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Avenue, Alameda, for furnishing insulated lead covered cable:

Westinghouse Elec. Supply Co., Oakland, \$2,665.83 (paper covered); General Elec. Supply Corp., Oakland, \$5,500.87 (rubber) Alt. \$4,941.21. John A. Roehling's Sons Co., S. F., \$2,665.59 (paper). General Cable Corp., S. F., \$2,665.83 (paper). American Automatic Elec. Sales Co., S. F., \$2,665.83 (paper). Electric Corp., Oakland, \$2,665.83 (paper). Paper Tubing Co., \$5,500.87 (rubber) Alt. \$4,941.21. Garnett Young & Co., S. F., \$4,839.54 (rubber).

**BIDS WANTED**  
SAN FRANCISCO, Calif.—Following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-110, for furnishing 32,000 b.m. ft. lumber: (1) 2000 ft. 2-in. by 4-in.—14 ft. long; (2) 30,000 b.m. ft. one in by 12-in.—14 ft. long; f.o.b. Shipping point and/or Dock No. 2, Fort Mason, San Francisco.

Allen-Dettmar Lumber Co., San Francisco—(1) \$27; (2) \$27 (Alt. B) f.o.b. Fort Mason, 2% 10 days.  
James L. Hall, San Francisco—(1) \$17; (2) \$16 (Alt. A); f.o.b. Silvertown, Oregon, 2% 20 days; 1% 30 days; Alt. B, (1) \$20; (2) \$20; f.o.b. Standard, Calif., 5 day delivery.  
Humphrey Lumber Co., Oakland—(1) \$14.25; (2) \$12.25 (Alt. A); f.o.b. Eugene to Grants Pass, Oregon.  
Loop Lumber Co., San Francisco—(1) \$24.50; (2) \$26.50; (Alt. B) f.o.b. Fort Mason, 2% 30 days.

Neidermeyer-Martin Lumber Co., Portland—(1) \$18; (2) \$18 (Alt. A) and/or B; f.o.b. Salem, Oregon, 2% 10; 1% 20.  
Rolando Lumber Co., San Francisco—(1) \$25; (2) \$28; (Alt. B) f.o.b. Fort Mason, 2% 10 days.  
Santa Fe Lumber Co., San Francisco—\$23 (Alt. A); (2) \$18 (Alt. B); f.o.b. Alameda, Oregon, 2% 10 days.

Smith Lumber Co., San Francisco

(1) \$14; (2) \$14 (Alt. B); f.o.b. Coquille, Oregon, 2% 10 days.  
Western American Sales Corp., San Francisco—(1) \$26; (2) \$26 (Alt. A); f.o.b. Fort Mason, 1% 10 days.  
E. K. Wood Lumber Co., San Francisco—(1) \$16; (2) \$16 (Alt. A); f.o.b. Silvertown, Oregon; 2% 10; 1% 20. \*

**BIDS OPENED**  
LOS ANGELES, Cal.—Following submitted bids to the U. S. Engineer, Los Angeles, for 2100 feet round wood cross-tied piling, Douglas fir or southern yellow pine, delivered to Ballona Creek at Duquesne St. near Culver City, Circ. Prop. 95.  
Texas Cross-tied Co., net \$1355.  
Longbell Lumber Co., San Francisco—2% 10 days, \$987; 21 days delivery; f.o.b. Eugene, Ore. Treatment at Weed, Cal.  
So. Calif. Roads Co., net \$1333.50.  
M. J. Hall, San Francisco, 2% 20 days, \$1123.50. f.o.b. Roseburg, Ore. Treatment at Wilmington; delivery 30 days.  
J. H. Baxter & Co., net, \$1359.75.  
MacDonald & Harrington, San Francisco, net \$1134, f.o.b. Eugene, Ore. Treatment at Weed, Cal.; delivery 21 days.  
\*Delivery 15 days unless otherwise noted.

**BIDS WANTED**  
TUCCSON, Pima Co., Ariz.—Until Nov. 12, 2 p.m., bids will be received by the Purchasing Agent, Arizona State Highway Department, Phoenix, for materials as follows:

Furnish all materials (except concrete) used under piles, water barrels, joint and 4 in. oil cake specified in special provisions as per Arizona Highway Department Specifications and the Special Provisions attached to the plans.  
F.o.b. Tucson, Arizona. Freight prepaid.  
Vendor to furnish extra five gals. of cresote for field use.  
All bids shall be accompanied by an endorsed, certified or cashier's check for not less than 5% of the gross amount of the bid, payable to the State Treasurer of the State of Arizona.  
Engineer's estimate of necessary amount of 30-d nails—1500 lbs.  
Engineer's estimate of necessary amount of 7-in. spikes—500 only.  
It will be agreeable for bidder to base bid on these estimates of these particular items.  
Bidder shall be required to show bid in one total amount for lumber.  
Bidder shall be required to show all other items in one total amount.  
Copies of plans and specifications may be seen at the office of the State Engineer at Phoenix, Arizona, or may be obtained from the Purchasing Agent for the Arizona Highway Commission at Phoenix, Ariz. T. S. O'Connell, State Highway Engineer 20

**BIDS OPENED**  
SAN FRANCISCO—Chapman Lbr. Co. of California, 141 Spear Street, San Francisco, at \$1206, submitted low bid to the U. S. Engineer Office, Lt.-Col. J. A. Dowd, District Engineer, 101 Custom House, San Francisco, under Bid No. 868-38-60, for furnishing Douglas fir lumber of various sizes, f.o.b. shipping point.  
Total bids follow:  
Chapman Lumber Co. of Calif., 141 Spear St., S. F., \$152.06  
Smith Lumber Co., S. F., 180.39  
Cascade Cargo Sides Corp., 189.78  
Humphrey Lbr. Co., Oakland 204.45  
H. J. Smith, Co., 223.67  
Loop Lumber Co., S. F., 306.66  
Eda-d Lumber Co., S. F., 319.86

**BIDS WANTED**  
TACOMA, Pierce Co., Wash.—Until Nov. 15, 2 p.m., bids will be re-

ceived by the Board of Contracts & Awards, 307 City Hall, Tacoma, for furnishing 3-46 kv. 500,000 kva circuit breakers.

Plans and specifications may be obtained at the above office.

#### BIDS WANTED

**TUCSON, Pima Co., Ariz.**—Until Nov. 16, 10 a.m., bids will be received by the board of regents, University of Arizona, Tucson, Ariz., for furnishing and installing a deep well turbine pump and motor complete in new well on the university campus, Tucson. Specifications may be procured from the comptroller, Room 105, Administration Bldg., upon deposit of \$10. Proposals shall be mailed or delivered to the purchasing department, Room 100, General Stores Bldg. Jack B. Martin, Secretary, Board of Regents. \* 20

#### BIDS OPENED

**LOS ANGELES, Cal.**—Western Pipe & Steel Co., 444 Market St., San Francisco, at \$5,012.55, 1/2 of 1%, 10 days, submitted low bid to U. S. Engineer, Los Angeles, for corrugated culvert pipe, drainage gates and culplers; Circ. Prop. 62.  
California Corrugated Culvert Co., 5th and Parker Sts., Berkeley, at \$5,153.69, 1/2 of 1%, 10 days, submitted only other bid.

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

**SIGN, electric, \$300; SW Geary and Taylor Sts.; owner, Bellevue Hotel, Prem.; contractor, Electrical Prod. Corp., 910 Harrison St.**  
**ALTER shop, \$300; 431 Minna St.; owner, T. W. Corder, Inc., Emeryville.**

**SIGN, electric, \$150; 440 Mission St.; owner, Arthur Young, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.**

**SIGN, electric, \$150; 3541 Mission Street; owner, Canellas Liquor Store, Prem.; contractor, Pacific Neon Mfg. Corp., 2600 18th St.**

**ALTER dwelling, \$350; 858 31st Ave.; owner, Wm. Shivehug, Prem.; contractor, D. T. Duerken, 511 Laguna.**

**SIGN, electric, \$100; 1762 Polk St.; owner, New Washington Market, Prem.; contractor, Novelty Elec. Sign Co., 419 Larkin St.**

**ALTER building, \$300; 972 Mission St.; owner, Steiner Realty Co., 238 Stockton; contractor, J. Harold Johnson, 666 Mission St.**

**SIGN, electric, \$200; 1249 Polk St.; owner, Neil Rosenblatt, Prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.**

**ALTER dwelling, \$400 119 Crescent Street; owner, Nellie Maynard, Prem.; contractor, F. G. Soss, 1650 Sanchez St.**

**ALTER beauty parlor, \$500; 2621 Mission St.; owner, G. F. Steele, Prem.; contractor, Beal Store Etnup Co., 2745 16th St.**

**ALTER dwelling, \$700; 1166 Jameson; owner, E. Phodas, Prem.**

**ALTER dwelling, \$425; 2622 19th Ave.; owner, Frank Chudy, Phelan Bldg.; contractor, Roy Halgesson, 2695 23rd Ave.; architect, J. E. Kraft and Son, Phelan Bldg.**

**SIGN, electric, \$350; 460 Mission St.; owner, M. Sussman, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.**

**ALTER dwelling, \$300; 169 Bellevue; owner, Sam Derenzo, Prem.; contractor, C. Koljone, 1258 Nor St.**

**SIGN, electric, \$300 4702 3rd Street; owner, Eastman's, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.**

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Disposal Plants
24.—St. Light, Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

## BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 22, 11 a. m., bids will be received by Metropolitan Water District, Los Angeles, for furnishing, fabricating and erecting light structural steel suspension bridge to be used as a means of approach to outlet tower of Cajalco reservoir, together with cables and appurtenances. Bridge to be 150 ft. long and intended for pedestrian use; Spec. 247. Certified or cashier's check 10%, must accompany bid.

## BIDS WANTED

MERCED CO., Calif.—Until Nov. 24, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Livingston, consisting of a steel girder track span on concrete abutments and pier and approximately 1.9 mi. of road to be graded and paved with Portland cement concrete, Merced Co., Calif.

## Work involves:

- (1) 101 sta. clear and grubbing;
- (2) 560 M. gals. water;
- (3) 57,000 c.y. roadway excav., without class;
- (4) 2,200 c.y. struc. excav.;
- (5) 750,000 sta. yds. overhaul;
- (6) 26,500 sq. yds. preparing subgrada;
- (7) 101 sta. finishing roadway;
- (8) 350 c.y. salvaged surf.;
- (9) 4,400 tons untreated crushed gravel or stone surf.;
- (10) 11 tons liq. asph., MC-2 (prime coat);
- (11) 8 tons asph. emul. (seal coat);
- (12) 90 tons liq. asph., MC-3 or MC-extra heavy (plant-mix surf.);
- (13) 300 sq. yds. asph. paint binder;
- (14) 1,800 tons min. aggregate plant-mix surf.;
- (15) 85 tons screenings (seal coat);
- (16) 25 tons liq. asph., SC-2 shoulder penetration;
- (17) 5,380 c.y. class B portland cement concrete pave.;
- (18) 1,210 c.y. class A portland cement conc. strucs.;
- (19) 1,525 c.y. class B portland cement concrete thick pavement;
- (20) 1,115 c.y. class A portland cement concrete curbs, gutters and sidewalks;
- (21) 625 c.y. class A portland cement concrete slope paving;
- (22) 540 c.y. exist. conc. remove and dispose of.;
- (23) 225,000 lbs. bar reinf. steel pave. and strucs.;

- (24) 9,700 each, pave. dowels;
  - (25) 2,600 each, pave. tie bolt assemblies;
  - (26) 216,000 lbs. struc. steel;
  - (27) 9,188 lbs. cast steel rockers and bearings;
  - (28) 50,000 lbs. wrought iron plate;
  - (29) 8,000 lbs. misc. iron and steel;
  - (30) 4,900 lbs. copper strips;
  - (31) 2,520 l.f. furnishing treated Douglas fir piles;
  - (32) 10,395 l.f. furnish untreated Douglas fir piles;
  - (33) 287 each, driving piles;
  - (34) 810 l.f. 8-in. CMP;
  - (35) 480 l.f. 10-in. CMP;
  - (36) 46 l.f. 18-in. CMP siphon;
  - (37) 1 each, 18-in. conc. joint;
  - (38) 100 l.f. 6-in. perf. metal pipe underdrains;
  - (39) 91 l.f. 8-in. perf. metal pipe underdrains;
  - (40) 3,680 l.f. 12-in. perf. metal pipe underdrains;
  - (41) 750 c.y. rock filling material underdrains;
  - (42) 30 l.f. 8-in. plain conc. pipe;
  - (43) 464 l.f. 12-in. plain conc. pipe;
  - (44) 250 l.f. 15-in. plain conc. pipe;
  - (45) 110 l.f. 18-in. plain conc. pipe;
  - (46) 300 l.f. 14-in. welded steel pipe;
  - (47) 2 1/2 m. new property fence;
  - (48) 9 each, drive gates;
  - (49) 27 each, monuments;
  - (50) 4 each, section type A-12 single traffic lane pave. crossing devices;
  - (51) 8 each, section type B-12 single traffic lane pave. crossing devices;
  - (52) 13 each, guide posts;
  - (53) 16 c.y. protective covering;
  - (54) 1 lot pumping equipment;
  - (55) 1 lot elec. equip.;
  - (56) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office. \* 21

## BIDS WANTED

SACRAMENTO CO., Calif.—Until November 15th, 10:30 a.m., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, Dist. III, 703 E. Street, Marysville, for redecking with portland cement concrete and plant-mixed surfacing the existing bridge across Cosumnes River near Live Oak, Sacramento County, Calif.

## Work involves:

- (1) One lot existing bridge decking to be removed and disposed of;
- (2) 46 tons mineral aggregate to plant-mixed surfacing;
- (3) 25 tons liq. asph., SC-3 or SC-4, in place (plant-mixed surfacing);
- (4) 600 sq. yds. asph. paint binder, in place.

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

- (5) 4.0 tons stone screenings, in place (seal coat);
  - (6) 0.5 ton liquid asphalt, MC-3, in place (seal coat);
  - (7) 19,000 lbs. bar reinf. steel, in place;
  - (8) 68 c.y. class A portland cement concrete, in place;
  - (9) 22,600 lbs. structural steel, in place;
  - (10) 610 l.f. timber wheel guard, in place;
  - (11) 350 l.f. temporary railing;
  - (12) One lot existing flume work;
  - (13) One lot misc. items of work.
- Plans and specifications may be obtained at the above office.

## BIDS OPENED

LOS ANGELES, Cal.—Contracting Engineers Co., 2310 1/2 W. Vernon, at \$12,934.07, submitted low bid to Los Angeles board of public works for construction of Chandia Street bridge and appurtenant work over Ramona Blvd., a cash contract. Work involves:

- (1) 218 c.y. class F concrete;
  - (2) lump sum, reinf. steel;
  - (3) lump sum, orn. conc. railing;
  - (4) lump sum, reinf. conc. piles;
  - (5) per lin. ft. of reinf. conc. pile to be added when greater than planned lengths;
  - (6) per ln. ft. of reinf. conc. pile to be deducted when less than planned lengths;
  - (5) 539 sq. ft. 1-course 3-in. sidewalk;
  - (6) 7 lin. ft. light class unplas. curb.
- The total bids were:
- (A) Contracting Engineers, 2310 1/2 W. Vernon—\$12,934.07.
  - (B) Huffman Engr. Co.—\$13,112.85.
  - (C) Paul D. Lawrence Co.—\$13,697.03.
  - (D) Oscar Oberg—\$14,556.93.
  - (E) Hoagland Engr. & Constr. Co.—\$14,620.80.
  - (F) Engineer's estimate—\$12,463.92.

## CONTRACT AWARDED

SAN DIEGO CO., Cal.—V. R. Dennis Constr. Co., 3911 5th Ave., San Diego, at \$14,205.30, awarded contract by the State Highway Dept., 1365 Harbor Blvd., San Diego, for construction of a timber bridge and approaches in San Diego County at San Felipe Creek, about 11.8 miles east of Julian (XI-S.D.-195-E.F.).

## BIDS WANTED

TULARE CO., Calif.—Until Nov. 10, 2 p.m., bids will be received by the Tulare County Board of Supervisors, Gladys Stewart, Clerk, Court House Building, Visalia, for the construction of a reinforced concrete bridge across Porter Slough, consisting of three 18-ft. spans, situated approximately 1 1/2 mi. east of the east City Limits, Porterville, Tulare Co.

## Work involves:

- (1) 147.46 c.v. of Class A portland cement concrete;
  - (2) 2.66 c.v. of Class F portland cement concrete.
- Plans and specifications may be obtained at the office of the County Surveyor, Court House Building, Visalia.

## BIDS WANTED

SAN FRANCISCO, Calif.—Until November 10th, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,090, for repairing Evans Avenue bridge. Estimated cost \$4200.00.

Plans and specifications may be obtained at the office of the City

Engineer, John J. Casey, Room 351, City Hall, upon the deposit of \$10.00.

#### CONTRACT AWARDED

PENDLETON, Umatilla Co., Ore.—Colonial Construction Co., 362 First Ave., Spokane, Wash., at \$82,889, was awarded contract by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-108, for raising the Main St. Bridge across the Umatilla River, and raising and strengthening the existing levee at Pendleton, Ore. Estimated cost, \$161,336.

#### BIDS WANTED

EPHRATA, Grant Co., Wash.—Until Nov. 15, 1:30 P. M., bids will be received by the Grant County Engineer, A. B. Humason, Ephrata, for construction of a pile bent bridge, 28 ft. long, across Beard Springs, 5½ miles northwest of Quincy.

#### Work Involves:

- (1) 448 ft. creosoted piles furnished at bridge site;
  - (2) 16 piles in place in structure;
  - (3) 3 c.y. structure excavation;
  - (4) 24 c.y. Class C concrete;
  - (5) 15.2 MBM bridge timber in place.
- Plans and specifications may be obtained at the above office.

### 22—DREDGING HARBOR WORKS, EXCAVATION

#### PROSPECT BIDDERS

PACIFIC COUNTY, Wash.—The following are among those who procured plans for repairing the north jetty and constructing a spur jetty, tramways and land trackage and furnishing and placing of 470,000 tons of jetty stone and 1700 cubic yards of cement concrete at the mouth of the Columbia River, for which bids will be opened November 18, 3:00 p.m., U. S. Engineer Office, 306 Custom House, Portland, Oregon.

McDonald-Kahn Ltd., Financial Center Bldg., San Francisco.  
W. A. Bechtel Co., 155 Sansome St., San Francisco.  
Schuler and McDonald, 1723 Webster St., Oakland.  
Knapp Corp., 1401 Park Avenue, Oakland.  
Utah Construction Co., 1 Montgomery St., San Francisco.

### 23—CANALS

#### BIDS OPENED

ALL-AMERICAN CANAL.—Norman I. Fadel, 445 N. Formosa Ave., Los Angeles, at \$66,541.70, submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Federal Bldg., Yuma, Ariz., for the construction of the Siphon Drop turnout, station 775+00, and drainage inlets, stations 225+25, 281+95, 295+75, and 321+30, All-American Canal, Boulder Canyon Project, Arizona-California-Nevada.

#### Work Involves:

#### SCHEDULE NO. 1

- (1) 23,700 c.y. excav. for struc.;
- (2) 14,900 c.y. excav. for enlargement of Yuma canal;
- (3) 15,900 c.y. excav. for raising the banks of Yuma canal;
- (4) 43,400 sta. c.y. overhaul;
- (5) 600 c.y. compacted subbase;
- (6) 7,500 c.y. backfill about struc.;
- (7) 1,250 c.y. puddling or tamping backfill about struc.;
- (8) 1,460 c.y. concr. in struc.;
- (9) 250,000 lbs. installing reinf. bars;
- (10) 370 sq. ft. install elastic joint filler material;
- (11) 385 lf. install rubber water stops;
- (12) 250 sq. yds. dry rock paving;
- (13) 260 c.y. gravel blanket under riprap;

- (14) 1154 c.y. riprap;
- (15) 116 c.y. construct reverse filters;
- (16) 1000 lbs. lay 4-in. and 6-in. dia. C I pipe with open joints;
- (17) 900 lbs. install C I pipe with threaded connections;
- (18) 253,700 lbs. drive steel sheet piling;
- (19) 550 lbs. install pipe hand rails;
- (20) 25,700 lbs. install gates and gate hoists;
- (21) 5100 lbs. install misc. metalwork;
- (22) 250 lf. install elec. metal conduit 1-in. or less in diam.;
- (23) 50 lf. install elec. metal conduit more than 1-in. in diam.;

#### SCHEDULE NO. 2

- Drainage Inlets, Stas. 225+25, 281+95, 295+75, and 321+30
- (24) 1200 c.y. excav. for struc.;
  - (25) 730 c.y. backfill about struc.;
  - (26) 265 c.y. puddling or tamping backfill about struc.;
  - (27) 265 c.y. concr. in struc.;
  - (28) 27,200 lbs. place reinf. bars;
  - (29) 1100 sq. yds. dry rock paving;
  - (30) 80 c.y. riprap;
  - (31) 86 lf. install rubber water stops.
- Total bids follow:
- (A) Norman I. Fadel, 445 N. Formosa Ave., Los Angeles—(1) \$36,597.70; (2) \$9,944. All or none.
- (B) Bennett & Taylor—(1) \$37,381.35; (2) \$21,725.25.
- (C) Gates & Huntly—(1) \$101,950.50; (2) \$17,077.
- (D) Lewis Bros., Phoenix—(1) no bid; (2) \$16,835.

#### Unit prices follow:

#### SCHEDULE NO. 1

	(A)	(B)	(C)	(D)
(1)	\$0.25	\$0.65	\$0.70	\$.....
(2)	..50	..55	..50	.....
(3)	..50	..27	..50	.....
(4)	..015	..025	..03	.....
(5)	..50	1.25	2.00	.....
(6)	..18	..15	..50	.....
(7)	..40	..50	1.00	.....
(8)	14.50	16.00	26.00	.....
(9)	..02	..0225	..04	.....
(10)	..30	..75	1.00	.....
(11)	..50	..75	1.00	.....
(12)	3.50	3.00	4.00	.....
(13)	3.00	3.50	5.00	.....
(14)	5.00	4.40	4.00	.....
(15)	2.50	2.50	5.00	.....
(16)	..10	..10	..10	.....
(17)	..10	..15	..10	.....
(18)	..016	..03	..025	.....
(19)	..10	..20	..10	.....
(20)	..07	..035	..10	.....
(21)	..10	..09	..10	.....
(22)	..50	..30	1.00	.....
(23)	..50	..40	1.00	.....

#### SCHEDULE NO. 2

	(A)	(B)	(C)	(D)
(24)	..70	4.00	1.50	2.25
(25)	..40	1.50	4.00	6.50
(26)	..50	2.00	1.00	6.50
(27)	14.50	21.15	30.00	38.00
(28)	..02	..04	..05	..05
(29)	3.50	7.00	4.00	1.75
(30)	5.00	10.00	5.00	1.75
(31)	..50	1.25	2.00	..50

### 24—STREET LIGHTING

#### CONTRACT AWARDED

SAN FRANCISCO, Calif.—Abbett Electric Co., 126 Sears St., S. F., at \$2948, awarded contract by Department of Public Works, City Hall, for installing a lighting system in Castro Street Extension from Duboce Avenue to Waller and Divisadero Streets, San Francisco. 24

#### CONTRACT AWARDED

CHICO, Butte Co., Calif.—Butte Pump & Motor Works, Chico, Calif., at \$1491.93 (including sales tax), submitted low bid and was awarded contract by the Chico City Council for the installing of a street lighting system on First Street, Chico.

#### Total bids follow:

Butte Pump and Motor Works, Chico	\$4,194.93
Luppen & Hawley, Sacramento	4,172.00
Underground Construction Co., Berkeley	4,932.50

### 25—MACHINERY AND EQUIPMENT

#### BIDS OPENED

HUNTINGTON PARK, Los Angeles Co., Calif.—The following submitted identical bids at \$3,162, to the Huntington Park City Council, for furnishing and installing a deep well turbine pump. Pacific Pump Works, Huntington Park; Byron Jackson Co., Berkeley; Layne & Bowler Corp., Los Angeles; and Victor Equipment Co.

Feeless Pump Division submitted a bid of \$3,256.88.

#### BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Nov. 30, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, for furnishing Diesel engines, generators, exciters, and necessary auxiliaries, for Brawley Diesel plant addition, in accordance with Plans and Spec. No. 2, which may be obtained at the office of the chief engineer and general superintendent, M. J. Dowd, El Centro. A cash deposit of \$10 per set. The tender must be furnished in part of a power project to be financed by a loan and grant from the Public Works Administration, PWA Docket No. Calif. 1088-P-D. The award will be contingent upon securing funds from such source. Certified or cash-tender or bid bond for 5% must accompany each proposal; W. W. Goodsen, Secretary. The principal items of equipment are: three diesel engine driven-electric generator units of 1500 to 1667 kw. capacity each and auxiliaries. The list of items to be bid on are:

- (1) 3 diesel engines, complete in place, inc. accessories;
- (2) 1 motor driven, lubrication oil pump, complete in place;
- (3) 3 duplex, continuous flow type oil filters, complete in place;
- (4) three motor driven soft water pumps, to operate against a 100 ft. head, complete in place;
- (5) three motor driven raw water pumps, each, with a rated capacity of 600 gpm against a 75-ft. head, complete in place;
- (6) 3 duplex, continuous flow type oil filters, complete in place;
- (7) 3 fuel oil meters, complete in place;
- (8) 3 motor driven scavenging blowers, complete in place;
- (9) 3 intake air filters, with silencers, complete in place;
- (10) 3 exhaust silencers, complete in place;
- (11) 3 A C generators, complete in place, inc. field rheostats & accessories;
- (12) 3 exciters, complete in place, inc. rheostats.
- (13) 3 voltage regulators of quick-acting rheostatic type, complete in place;
- (14) 1 motor driven starting air compressor, complete in place;
- (15) 2 starting air receivers of 50 cu. ft. capacity each, working pressure 450 lbs. per sq. in., complete inc. accessories.

#### BIDS WANTED

SAN FRANCISCO.—Until November 12, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Fran-

cisco, for the rental of approximately 200 hours of four pneumatic tired dump trucks, not less than 6000 lbs. weight and not less than 4 cu. yds. water level without sideboards or built up sides. Equipment to be used in San Mateo and Santa Cruz Cos.

Plans and specifications may be obtained from the above office.

**NO BIDS RECEIVED**

**POINT MONTARA, Cal.**—No bids were submitted to the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8561, for one set measuring gasoline pump and one 500-gal. gasoline storage tank to be installed complete at the U. S. Naval Direction Flinder Station, at Point Montara, 20 miles south of San Francisco.

**BIDS OPENED**

**BONNEVILLE, Ore.**—Leupold, Volpel & Co., 425 NE 70th Ave., Portland, at \$2,039 (Alternate B) submitted low bid to the U. S. Engineer Office, District Engineer, Bonneville under Bid No. 694-35-132, for furnishing one gate control equipment, one alternative A job bidder's shipping point; Alternate B job Bonneville.

General Electric Co., Portland, at \$3,135 (Alt. B) submitted only other bid.

**BIDS WANTED**

**MODESTO, Stanislaus Co., Calif.**—Until Nov. 10, 7:30 p.m., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, 717 10th St., Modesto, for furnishing the following equipment and materials:

- (1) One automobile coupe, new, to exceed \$775 in cost, including sales tax;
- (2) One pickup truck, not to exceed \$750 in cost, including sales tax;
- (3) One industrial type tractor equipped with rubber tire and a sickle bar mower attachment, not to exceed \$1250 in cost, including sales tax;
- (4) 1000 ft. of 4-in., 1000 ft. of 6-in., 1700 ft. of 8-in., and 160 ft. of 12-in. class 150 bell and spigot cast-iron water pipe, or equal.

Plans and specifications may be obtained at the office of the City Engineer.

**BIDS WANTED**

**BONNEVILLE PROJ., Ore.**—Until Nov. 23, 3 P. M., bids will be received by the U. S. Engineer Office, Bonneville, under Bid No. 694-35-156, for designing, manufacturing and erecting an electrically actuated 10-ton rotary crane for use on the power house fish lifts at the Bonneville Project, Oregon. Alternate "A" job bidder's shipping point; Alternate "B" job Bonneville.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**FRESNO, Fresno Co., Calif.**—Following submitted bids to the Division of Highways, Fresno, independent of Equipment Shop 6, 645 West Olive Ave., Fresno, for furnishing equipment as follows:

- (1) CHC 277 Drill, Ingersoll-Rand, "Jackhammer," S-49 dry type;
- (2) CHC 13 Lighting Plant, Kohler portable, 10 kw., Model 10A1-341;
- (3) CHC 21 Cross-over switch, 135-ampere, Kohler make;
- (4) CHC 84 Mixer, Cement, 20th Century No. 5, 1/2-sack;
- (5) CHC 135 Snow Plow, Baker No. 17, 10-ft. blade, one-way;
- (6) CHC 174 Snow Plow, Snow King Rotary, Model S-61, with adjustable chutes, for use with Caterpillar 50 tractor;
- (7) CHC 175 Snow Plow, Baker No.

6, heavy duty, reversible type, 10-ft. blade, for use with from 3- to 7-ton trucks;

- (8) CHC 177 Snow Plow, same as CHC No. 175;
- (9) CHC 178 Snow Plow, do.

Union Truck Center, P. O. Box 471, Bakersfield: (1) \$25 57 (2) \$77 57 (3) \$12 57 (4) \$47 57 (5) \$22 57 (6) \$67 57 (7) \$22 57 (8) \$20 57 (9) \$18 57.

Heller Pipe & Machinery Co., 739 S. San Pedro St., Los Angeles: (1) \$20.00.

Howard Drullard, 1026 Folsom St., San Francisco: (1) \$20.00.

G. G. Funderburg, 1369 E St., San Bernardino: (1) \$12.56.

Edward R. Bacon Co., 1835 Merced St., Fresno: (2) \$375.00.

California-Fresno Oil Co., 3100 Golden State Highway, Fresno: (2) \$330 (4) \$55.00.

Lerer Bros., 375 11th St., San Francisco: (2) \$258 88 (3) \$8 88 (4) \$38 88.

H. H. Peterson, 3788 W Atlantic, San Diego: (2) \$45 (4) \$30.

P. M. Peterson: (4) \$15.50.

**BIDS WANTED**

**MODESTO, Stanislaus Co., Cal.**—Until Nov. 10, 7:30 p.m., bids will be received by the Modesto City Council, H. E. Gragg, City Clerk, 717 10th St., Modesto, for furnishing one six-cylinder touring sedan with full-sized truck, equipped with six-ply tires.

Plans and specifications may be obtained at the above office.

**BIDS OPENED**

**SAN ANGELES, Cal.**—Roy Barry, Los Angeles, at (1) \$2.05 per hour, and (2) \$4.40 per hour, and Rock & Gravel Trucking Co., Oakland, at (2) \$4.40 per hour, submitted low bids to the State Division of Highways, District V, 50 Higuera St., San Luis Obispo, for the rental of (1) two 3 1/2-cy. dump trucks and (2) one 1 1/2-cy. power shovel, for use for about 100 days, in Monterey Co.

Total bids follow:

ITEM 1:	Per Hr.
Roy Barry, Los Angeles	\$2.08
Harry I. Hagau, San Pedro	2.18
Circle Truck Co., L. A.	2.24
Harry A. Collingham, L. A.	2.25
S. & M. Truck & Matts, L. A.	2.33
V. B. Minnis, L. A.	2.40
Nack Chevrolet, L. A.	2.43
M. E. Hartman, Anaheim	2.45
Rock & Gravel Trucking Co., Oakland	2.50
Paul F. Cozzens, Salinas	2.53
S. R. Longwell and R. Kennedy, San Francisco	2.69
M. J. Murphy, Carmel	2.75
L. E. Aprague, Loma Beach	2.80
Portola Truck Service, S. F.	2.83
LaMarr Dump Truck Service, Pasadena	2.83
Janssen & Morgan, Pasadena	2.83
Sam Hunter, Santa Barbara	2.83
R. B. Snow, Santa Maria	2.90
C. E. Huls, Merced	2.90
Valer Bros., Fresno	2.90

**ITEM 2:**

Rock & Gravel Trucking Co., Oakland	4.40
Roy Barry, L. A.	4.40
M. J. Murphy, Carmel	4.48
Harry I. Hagau, San Pedro	4.50
Phas Holmes, San Bernardino	4.75
Henry C. Daless, San Luis Obispo	5.15
Frank T. Hublev, L. A.	5.60
Portola Truck Service, San Francisco	5.74

**BIDS WANTED**

**EL CENTRO, Imperial Co., Calif.**—Until November 30, 10-00 a.m., bids will be received by the Imperial Irrigation District, El Centro, for furnishing three Diesel electric generating units to be installed at the

standby plant at Brawley, trebling the capacity of that plant. The three units will have a total capacity of 5000 kilowatts. The time limit for the completion of the three units are 210, 240, and 270 days, respectively.

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Fageol Truck and Coach Co., Hollywood and 107th Avenue, Oakland, at \$3,707.80, was awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under informal proposal No. 920 for furnishing one motor truck chassis not less than 25,000 pounds.

**CONTRACT AWARDED**

**FORT MASON, Calif.**—John G. Rapp, 123 2nd St., San Francisco, at \$388, was awarded contract by the Purchasing and Contracting Office, Major D. Grove, Quartermaster Corps, Fort Mason, San Francisco, under Bid No. 928-38-89, for marine motors, 25-40 h.-p., direct drive, 1100 r.p.m., at 32 h.-p., delivered to Dock No. 2, Fort Mason.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Edward R. Bacon Co., 720 J St., Sacramento, at \$1854 (including sales tax), submitted only bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one portable loader for the Street Maintenance Division, City of Sacramento.

**BIDS WANTED**

**OAKLAND, Calif.**—Until Nov. 9, 1:00 p.m., bids will be received by the Oakland City Council, City Clk., City Hall, Oakland, for furnishing one ambulance for the Police Department.

Plans and specifications obtainable at above office.

**BIDS OPENED**

**SACRAMENTO, Calif.**—Associated Equipment Co., Ltd., 355 Fremont St., San Francisco, at \$79.75 per day, submitted low bid to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for the rental of one Spears Wells beater-planer, or equal.

Spears Wells Machinery Co., Oakland, at \$117.50 per day, submitted only other bid.

**BIDS OPENED**

**STOCKTON, San Joaquin Co., Cal.**—Following submitted bids to State Division of Highways, R. E. Pierce, District Engineer, District X, 1200 North Center St., Stockton, for the rental of (1) one 2-cy. 1/2-ton; (2) 2 c.y. dump trucks; and (3) 4 c.y. dump trucks, for use on maintenance work throughout the district.

Total bids follow:  
 Portola Truck Co., San Francisco, (1) \$1.03 per hr.; (2) \$1.45 per hr.; (3) \$2.33 per hr.  
 Thos. J. Doyle, Ludl. (1) \$1.124; (2) \$2.25; (3) 2.75.  
 Volpa Bros., Fresno, (1) \$1.10; (2) \$1.48, alt. \$1.68; (3) \$2.40, alt. \$2.90.  
 C. A. Huls, Merced, \$1.50 per day; (2) \$1.10, (3) \$1.68; (3) \$2.65, alt. \$2.90.

**CONTRACT AWARDED**

**SAN FRANCISCO, Calif.**—Lerer Bros., 375 11th St., San Francisco, at \$61, awarded contract by the U. S. Engineer Office, 405 Custom House, San Francisco, under Sale No. 100, for the sale of one unserviceable motor vehicle with its tools and miscellaneous equipment.

**CONTRACT AWARDED**

**SAN FRANCISCO, Cal.**—Graham-Paige Motors Corp., Detroit, at

\$748.84, awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-54, for furnishing one 4-door sedan type, 5-passenger automobile with baggage compartment, 1937 or later model. \* 25

#### BIDS OPENED

**BONNEVILLE PROJECT**—Following submitted bids to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-133, for fabricating and delivering fish lift gates and miscellaneous steel, for use on the Bonneville Project, Bonneville Oregon; Alternate A, f.o.b. shipping point; alternate B, f.o.b. Bonneville, Oregon, or North Bonneville, Wash. Work involves:

#### SCHEDULE I:

- (1) 6 each, exit closure gates, fish lifts;
- (2) 6 each, entrance closure gates, fish lifts;
- (3) 24 each, 3-ft. exit segmental gates sections, fish lifts;
- (4) 6 5-ft. exit segmental gates sections, fish lifts;
- (5) 42 each, entrance segmental gates sections, fish lifts;
- (6) 6 each, bottom section, entrance segmental gates, fish lifts;

#### SCHEDULE II:

- (7) One each, radial gate power house, fish lift;
- (8) Two emergency gates, 5 ft. 5 in. by 4 ft. 5 in. power house, fish lifts;
- (9) 120 stop logs power house, fish lifts, intake structure, S.L. 28;
- (10) One job 4 ft. by 10 ft. steel barrier, power house fish lifts, collection channel water supply;

#### SCHEDULE III:

- (11) 2 elevator frames complete for Washington shore fish lifts;
- (12) 2 elevator frames complete for Oregon shore fish lifts;
- (13) 2 elevator frames complete for power house fish lifts;

#### SCHEDULE IV:

- (14) 25 trash racks, power house fish lifts intake structure;
- (15) 60 wire cloth screens, power house fish lifts intake structure;

#### SCHEDULE V:

- (16) One job wall supports and beams for cover plates, power house fish lifts, dock radial gate pits, El. 85.0;
- (17) One job, steel gratings complete, for power house fish lift, El. 85.0; supply water wells;
- (18) 4 each, removable decking, complete, power house fish lift at El. 85.0;
- (19) 4 removable walkways complete for the Washington shore lifts;
- (20) 4 removable walkways complete for the Bradford Island fish lifts;
- (21) One job, guide rails and seal angles complete, Washington shore fish lifts;
- (22) One job, guides and seal angles complete, Bradford Island fish lifts;
- (23) One job, guides and seal angles complete, power house fish lifts;
- (24) One job, trap, power house fish lifts collection channel;
- (25) One job, steel ladders and landing platforms, power house fish lifts;
- (26) One job, walkways at El. 50.0 and covers at El. 55.0, power house fish lifts;

#### Total bids follow:

St. Louis Structural Steel Co.—A-4, \$3367.50. A-5, \$3620. Delivered at East St. Louis.

Independent Iron Works, Oakland—A-1, \$53,340. A-2, \$6949. A-3, \$4132. A-4, \$5496. Delivered at Oakland.

Young & Son, Portland—A-1, \$902.48; A-5, \$9189. Delivered at Portland. B-3, \$9165.98; B-5, \$9350.74.

Pacific Car & Foundry Co., Seattle—B-1, \$72,390; B-2, \$7027; B-3, 11-277; B-4, \$9755; B-5, \$16,477.

General Iron & Steel Co., Portland—B-1, \$47,172; B-2, \$6394; B-3, \$9150; B-4, \$8265; B-5, \$8500.

City Iron Works, Portland—B-4, \$7754; B-5, \$9371.

Warden-Allen Co., Milwaukee, Wis.—B-2, \$9834; B-3, \$14,490; B-4, \$9426. Penn Iron & Steel Co., Los Angeles—A-4, \$7755; shipping point Los Angeles.

Pacific Coast Engineering Co., Oakland—A-1, \$68,940; shipping point Oakland.

Structural Steel Fabricating and Boiler Works, Seattle—B-2, \$6252.

King Bros. Boiler Works, Portland—B-4, \$8650.

Portland Wire & Iron Works—B-4, \$9621; B-5, \$9160.

Herrick Iron Works, Oakland—A-4 \$7784.

Consolidated Railway Equipment Co.—B-2, \$6815; B-4, \$9490.

Lakeside Bridge & Steel Co., Milwaukee, Wis.—A-1, \$44,196; A-4, \$5-500; A-5, \$9617.

Freight rates and other items are to be taken into consideration before awards are made. \* 25

#### BIDS OPENED

**BOULDER CANYON PROJECT**—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 750, for two 23,000-volt bus structures, two 138,000-volt disconnecting switches, and one transformer neutral bus structure, for installation in Boulder power plant, Boulder Canyon Project, Arizona-Calif.-Nevada. Apparatus will be installed by the Government; f.o.b. shipping point and/or Boulder City, Nevada.

I-T-E Circuit Breaker Co., Philadelphia, Pa.—(1) \$79,550, wt. 182,000; (3) \$805, wt. 3,800; net; f.o.b. Boulder City, Nev.

Graybar Elec. Co., Inc., Denver, Colo.—(2) \$2,610, wt. 6000; net; f.o.b. Boulder City.

Electric Power Equipment Co., Philadelphia, Pa.—(2) \$2585, wt. 6250; net; f.o.b. Boulder City.

General Electric Co., Schenectady, N. Y.—(1) \$82,496, wt. 180,000; (2) \$209,660, wt. 6,100; (3) \$885.18, wt. 2,791; net; f.o.b. Boulder City.

Delta Star Electric Co., Chicago, Ill.—(2) \$2,619.60, wt. 6,100; net; f.o.b. Boulder City.

Pacific Elec. Mfg. Corp., San Francisco, Cal.—(2) \$2455, wt. 6120; net; f.o.b. San Francisco.

Westinghouse Elec. & Mfg. Co., Denver, Colo.—(1) \$81,284, wt. 175,000. (2) \$2,762, wt. 5600; (3) \$893, wt. 3650; net; f.o.b. Boulder City.

Bowie Switch Co., San Francisco, Calif.—(2) \$2455, wt. 6120; net; f.o.b. Boulder City.

Hubbly & Industrial Engrg. Co., Greensburg, Pa.—(2) \$2750, wt. 6425; net; f.o.b. Boulder City.

#### BIDS OPENED

**BOULDER CANYON PROJECT**—Following submitted bids to the Bureau of Reclamation, F. R. Walter, Chief Engineer, Denver, Colo., under Spec. No. 981-B, for seven 18-ft. by 17-ft. 6-in. radial gates, four 14-ft. by 6-in. radial gates for the Pilot Knob check and wasteway; two 18-ft. 9-in. by 13-ft. 7-in. radial gates and four 7-ft. 6-in. by 6-ft. radial gates for the New River crossing; and two 8-ft. by 7-ft. 5-in. radial gates, one 8-ft. by 6-ft. 2-in. radial gate, one 6-ft. by 6-ft. 8-in. radial gate, two 12-ft. by 13-ft. 3-in. radial gates, three 10-ft. 8-in. by 12-ft. radial gates, and four 14-ft. by 11-ft. 9-in. radial gates for the New Wistaria, Woodbine, Wormwood, and West Side main canal turnouts and for the Wistaria and Woodbine

checks on the All-American Canal, Boulder Canyon Project. Gates will be installed by the Government; f. o. b. the shipping point and/or railroad destination.

Treadwell Construction Co., Midland, Pa.—(1) \$13,207.89, wt. 168,500; (2) \$4672, wt. 34,400; (3) \$57300, wt. 61,400; 1% f.o.b. Midland, Pa.

Pac. Iron & Steel Co., Ltd., Los Angeles, Cal.—(1) \$14,255, wt. 172,600; (2) \$3682, wt. 34,500; (3) \$7810, wt. 67,800; combination on all, \$22,747; 1% f.o.b. Los Angeles, Calif.

Omaha Steel Works, Omaha, Neb.—(2) \$3397, wt. 33,600; (3) \$6941, wt. 63,400; ½% f.o.b. Omaha, Neb.

New York Shipbuilding Corp., Camden, N. J.—(1) \$18,206, wt. 177,240; (2) \$5613, wt. 34,175; (3) \$11,607, wt. 65,250; net; f.o.b. Camden, N. J.

Hunter Steel Co., Pittsburgh, Pa.—(1) \$23,600, wt. 178,000; (2) \$6700, wt. 36,000; (3) \$12,200, wt. 70,000; combination on all \$39,400; net ½% f. o. b. Neville Island, Pa.

Bethlehem Steel Co., Chicago, Ill.—(1) \$16,528, wt. 172,000; (2) \$5774, wt. 33,300; (3) \$7798, wt. 61,900; net; f.o.b. Chicago, Ill.

Consolidated Steel Corp., Ltd., Los Angeles—(1) \$13,965, wt. 171,000; (2) \$392, wt. 35,000; (3) \$7606, wt. 62,000; net; f.o.b. Los Angeles.

California Steel Products Co., San Francisco—(1) \$16,992, wt. 185,000; (2) \$3822, wt. 33,000; (3) \$9185, wt. 69,000; net; f.o.b. San Francisco.

Lakeside Bridge and Steel Co., Milwaukee, Wis.—(1) \$12,266, wt. 176,000; (2) \$3372, wt. 35,000; (3) \$6336, wt. 63,300; combination \$21,914; net; f. o. b. Milwaukee, Wis.

Southwest Welding & Mfg. Co., Inc., Alhambra, Cal.—(1) \$13,835, wt. 184,000; (2) \$3319, wt. 37,000; (3) \$6374, wt. 71,000; ½% f.o.b. Alhambra.

Koppers Co., Western Gas Division Ft. Wayne, Ind.—(1) \$15,010, wt. 188,000; (2) \$4630, wt. 35,500; (3) \$8700, wt. 67,000; net; f.o.b. Ft. Wayne, Ind.

Duffin Iron Co., Chicago, Ill.—(1) \$15,650, wt. 177,000; (2) \$4660, wt. 37,000; (3) \$7620, wt. 65,000; combination \$26,800; net; f.o.b. Chicago, Ill.

Berkeley Steel Constr. Co., Berkeley, Calif.—(1) \$15,850, wt. 180,000; (2) \$4318, wt. 36,000; (3) \$770, wt. 66,000; combination \$27,400; ½% f. o. b. Berkeley, Calif.

Minneapolis-Moline Power Implement Co., Minneapolis, Minn.—(2) \$4100, wt. 34,800; net; f.o.b. Minneapolis, Minn.

Dravo Corp., Pittsburgh, Pa.—(1) \$19,200, wt. 170,000; (2) \$6270, wt. 33,000; (3) \$14,480, wt. 63,000; combination \$38,500; net; f.o.b. Neville Island, Pa. \* 25

## 29—STREETS AND HIGHWAYS

#### BIDS WANTED

**TULARE CO., Calif.**—Until Nov. 22, 2 p.m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing bituminous treated surfacing (Class F) on 12.500 miles on Sec. A and a portion of Sec. B of Rt 1, the Generals Highway, Sequoia National Park, Tulare Co., Calif.

Work involves:

- (1) 12,500 mi. preparation of existing surface;
- (2) 21,200 tons crusher run top course (for base course);
- (3) 610 M. gals. watering;
- (4) 250 tons cutback asphalt for prime coat;
- (5) 16,000 tons Class F dense plant mixture—grading A;
- (6) 800 tons medium curing cutback asphalt for Class F.

Plans and specifications may be obtained from the above office upon deposit of \$10. \* 29



**BIDS WANTED**

**COCONINO COUNTY, Arizona.** — Until November 16, 10:00 a.m., bids will be received by the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for subgrading roadway, refinishing slopes, placing aggregate base course and asphaltic surface treatment from Navajo Bridge near Lee's Ferry south 20 miles, Flagstaff Fredonia Highway, F.L. 4-E (1938), AFE 897.

Work involves:

- (1) 19.9 miles subgrading roadway and refinishing slopes.
- (2) 70,700 tons coarse aggregate base course.
- (3) 30,200 tons fine aggregate base course.
- (4) 1470 M. gal. Spinking.
- (5) 900 hours rolling.
- (6) 219,100 gal. Road oil (SC-2).
- (7) 1460 tons blotter material (pit run).

Plans and specifications may be obtained at the office of the Arizona Highway Department, 17th Avenue and Jackson Street, Phoenix, Arizona

**CONTRACT AWARDED**

**HUMBOLDT COUNTY, Nevada.** — W. W. Clyde, Springville, Utah, at \$51,639.77, submitted low bid and was awarded contract by the Directors of the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for 10,035 miles highway construction from the Junction of State Routes 8 and 5E (Paradise Hill) to a point 10 miles north-east, Route 8E, Section A, Humboldt County, Nevada.

Work involves:

- (1) 2 each remove timber bridges.
- (2) 390 lf. remove culvert pipe.
- (3) 42 each, remove pipe culvert headwalls.
- (4) 12,165 c.y. roadway excav.
- (5) 1200 c.y. drainage excav.
- (6) 305 sta. V-type ditches.
- (7) 34,612 c.y. borrow.
- (8) 179,104 yd. sta. overhaul (yd. sta.).
- (9) 18,870 yd. mi. overhaul (yd. mi.)
- (10) 760 c.y. struc. excav.
- (11) 270 c.y. backfill.
- (12) 10,035 mi. subgrade, Type C.
- (13) 33,640 tons Type 1 gravel base
- (14) 30,220 tons gravel surface.
- (15) 120 c.y. Class A concrete.
- (16) 35 c.y. Class B concrete.
- (17) 1102 lf. 18-in. CMP (dipped).
- (18) 658 lf. 24-in. CMP (dipped).
- (19) 22 lf. 36-in. CMP (dipped).
- (20) 40 lf. 36-in. CMP (dipped).
- (21) 238 lf. relay culvert pipe.
- (22) 13,330 lbs. reinforcing steel
- (23) 46 each, monuments.

Complete bids will be published shortly.

**BIDS WANTED**

**LOS ANGELES, Cal.** — Until November 17, 10:00 a.m., bids will be received by the Los Angeles Board of Public Works for grading and improving streets in Bauchet Street and Avila Street improvement district (Union Pacific Terminal Station, FWA Project 4261, Unit J-4).

The work involves:

- (1) lump sum, grading (5331 c.y. cut 246 c.y. fill).
- (2) 51,737 sq. ft. 8-in. concr. pave.
- (3) 230 sq. ft. 6-in. concr. pave.
- (4) 11,559 sq. ft. 4-in. rock and oil roadway.
- (5) 488 ft. unplastered light class curb.
- (6) 2336 sq. ft. one course walk, 3-in. thick.
- (7) 1322 sq. ft. 6-in. concr. gutter.
- (8) lump sum, storm drain complete.
- (9) lump sum, sanitary sewer complete.
- (10) 539 ft. 6-in. house connection sewers.

**CONTRACT AWARDED**

**BERKELEY, Alameda Co., Calif.** — W. H. Larson, 6013 Chabaly Terrace, Oakland, at \$1,531 awarded contract by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for the paving of Second Street between University and Addison Avenues, Berkeley.

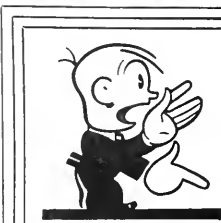
**COMPLETING PLANS**

**SANTA MONICA, Los Angeles Co., Cal.** — Edward C. Taylor and Ellis W. Taylor, architects and engineers, 803 W. 5th St., Los Angeles, are completing plans for paving a yard area at the Douglas Aircraft plant in Santa Monica. The area to be paved, which is 200x250 ft., will be covered with five inches of concrete with mesh. Work will also include some retaining walls. Bids will be taken by the architect from a closed selected list of contractors within a few days. Frank Hickey, 7422 Santa Monica Blvd., Los Angeles, has the contract for excavating the site.

**BIDS WANTED**

**TULARE COUNTY, Calif.** — Until November 24, 2 P. M., bids will be received by the State Division of Highways, H. P. H. Taylor, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on a 1.8 mile run base 31 miles between 18 miles west of Merryman and 1/2 mile E. of there.

1. 1/2 mile, grad. right of way;
2. 2300 M. grad. water;
3. 7/8 mile, grad. excav., unclass.;
4. 425 c.y. struc. excav.;
5. 2700 c.y. imported fill gravel;
6. 28 c.y. concrete concrete;
7. 1200 sq. ft. 6-in. hdg. rds. y.;
8. 1000 sq. ft. 6-in. hdg. rds. y.;
9. 3000 sq. ft. 4-in. hdg. rds. y.;
10. 2300 sq. ft. 4-in. hdg. rds. y.;
11. 570 lf. 18-in. gravel aggregate, 1/2 in. max. surf.;
12. 1100 lf. 18-in. asphalt, ROMC-4 1/2 in. max. surf. mix surf. 1/2 in. max. surf.;
13. 1100 lf. 18-in. asphalt, SC-2 penetration treatment;
14. 200 lf. 18-in. concrete, mix and cur. shoulders;
15. 270 lf. 18-in. asphalt, SC-1 shoulders;
16. 100 lf. 18-in. asphalt, SC-1 shoulders;
17. 100 lf. 18-in. asphalt, SC-1 shoulders;
18. 100 lf. 18-in. asphalt, SC-1 shoulders;
19. 100 lf. 18-in. asphalt, SC-1 shoulders;
20. 100 lf. 18-in. asphalt, SC-1 shoulders;
21. 100 lf. 18-in. asphalt, SC-1 shoulders;
22. 100 lf. 18-in. asphalt, SC-1 shoulders;
23. 100 lf. 18-in. asphalt, SC-1 shoulders;
24. 100 lf. 18-in. asphalt, SC-1 shoulders;
25. 100 lf. 18-in. asphalt, SC-1 shoulders;
26. 100 lf. 18-in. asphalt, SC-1 shoulders;
27. 100 lf. 18-in. asphalt, SC-1 shoulders;
28. 100 lf. 18-in. asphalt, SC-1 shoulders;
29. 100 lf. 18-in. asphalt, SC-1 shoulders;
30. 100 lf. 18-in. asphalt, SC-1 shoulders;



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**BIDS WANTED**

**LOS ANGELES, Calif.**—As previously reported, until Nov. 22, 2 p. m., bids will be received by Metropolitan Water District, Los Angeles, for constructing approximately 3 miles of oil mat road in the vicinity of Cajalco Reservoir, Riverside County, extending from Lower Cajalco Road on the south, over Cajalco Dam to a point near the north boundary of Cajalco Reservoir, R/W and including connecting road to outlet tower bridge and proposed operators' headquarters camp. Work involves excavation, grading, placing surface materials, culvert pipes, reinforced concrete bridge, etc. The proposed bridge will be of rigid frame type, 66-ft. span, and will be constructed across the spillway of the Cajalco Reservoir. Spec. 250.

Work involves:

- (1) 6000 c.y. roadway excav., solid rock class;
- (2) 20,000 c.y. roadway and borrow excav., common class;
- (3) 10,000 sta. yds. excav. overhaul;
- (4) 230 c.y. struc. excav. without class;
- (5) 360 c.y. concrete;
- (6) 60,000 lbs. placing reinf. steel;
- (7) 3000 lbs. placing steel pipe hand-rail;
- (8) 334 lf. place 18-in. corr. pipe culvert;
- (9) 44 lf. place 24-in. corr. pipe culvert;
- (10) 86 lf. place 30-in. corr. pipe culvert;
- (11) 70,000 gals. watering embankments;
- (12) 150,000 gals. watering subgrade;
- (13) 31,000 sq. yds. prepare subgrade;
- (14) 2800 c.y. furnish selected matl.;
- (15) 5500 c.y. ml. haul selected matl.;
- (16) 63,000 gals. furnish, haul and spread road oil;
- (17) 31,000 sq. yds. mix, spread and finish oil-treated wearing surf.;
- (18) 3500 sq. yds. seal coat (cover);
- (19) 170 guard posts, furnish and install.

Plans and specifications may be obtained at the above office. \* 29

**BIDS REJECTED**

**LOS ANGELES, Calif.**—The Los Angeles Board of Public Works rejected all bids for grading Union Passenger Terminal Station tracks and Macy Street grade separation, PWA Proj. 4261, Unit 2-A, involving approximately 20,826 c.y. earth. \* 29

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Cal.**—Until Nov. 15, 8 p. m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of Seymour Street, between the easterly line of Vendome Avenue and the westerly line of Anita Street.

Work involves:

- (1) 12,800 sq. ft. paving (asphalt top crusher run base);
- (2) 1,600 sq. ft. portland cement gutter;
- (3) 860 lf. curb;
- (4) 3,600 sq. ft. sidewalk;
- (5) 144 lf. 4-in. vitrified pipe (sewer lateral)

Plans and specifications may be obtained from the office of the City Engineer. \* 29

**BIDS WANTED**

**SAN JOSE, Santa Clara Co., Calif.**—Until Nov. 15, 8 p. m., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of a portion of St. James Street between the easterly line of Twenty-fifth Street and the westerly line of Twenty-sixth Street, San Jose.

Work involves:

- (1) 8,602 sq. ft. pavement;

(2) 54 lf. 4-in. vitrified pipe (sewer lateral). Homer G. Johnson, Portland, Ore.—\$85,985.00.

Plans and specifications may be obtained from the above office. \* 29

**COMPLETE BIDS**

**ORANGE CO., Calif.**—C. O. Sparks & Mundo Engineering Co., 2309 E. Olympic Blvd., Los Angeles, at \$18,852.75, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for grading and paving with asphalt concrete and plant-mixed surfacing 0.5 mile on Tustin Avenue at 17th Street, Orange County.

Work involves:

- (1) 28 sta. clear and grub right of way;
- (2) 500 M. gals. water;
- (3) 150 c.y. remove concrete;
- (4) 1,100 c.y. rdwy. excav., unclass.;
- (5) 200 c.y. ditch and channel excavation;
- (6) 175 c.y. struc. excav.;
- (7) 3,300 c.y. imported borrow;
- (8) 4,300 sq. yds. preparing subgrade;
- (9) 28 sta. finish rdwy.;
- (10) 5 tons liquid asphalt SC-2 prime coat;
- (11) 50 tons liquid asph., SC-4, plant mix surf.;
- (12) 950 tons min. aggregate, plant-mix surf.;
- (13) 2,800 sq. yds. asph. paint binder
- (14) 2,550 tons asph. concrete base and leveling course;
- (15) 780 tons asph. conc. type "A" surface;
- (16) 3,500 lbs. bar reinf. steel struc.;
- (17) 35 c.y. Class A Port. cem. conc. struc.;
- (18) 5,000 lbs. misc. iron and steel;
- (19) 120 lf. 18-in. CMP;
- (20) 80 lf. remove and salvage pipe culverta;
- (21) 50 lf. laminated guard rail;
- (22) 4 each culvert markers.

Total bids follow:

- (A) C. O. Sparks & Mundo Eng. Co., 2309 E. Olympic Blvd., Los Angeles—\$18,852.75.
- (B) Sully-Miller Co., Long Beach—\$19,118.80.
- (C) Oswald Bros., L. A.—\$21,653.75.
- (D) Griffith Co., L. A.—\$23,192.75.
- (E) G. O. Gartz, L. A.—\$27,921.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$12.00	\$30.00	\$25.00	\$28.00	\$120.00
(2)	.60	1.25	1.00	1.75	1.50
(3)	2.00	1.50	1.50	2.75	3.00
(4)	.35	.30	.25	.30	.60
(5)	.60	.40	.50	1.15	.60
(6)	.75	.70	1.25	1.15	1.00
(7)	.40	.60	.80	.90	.70
(8)	10	10	11	11	11
(9)	5.00	10.00	5.00	9.00	5.00
(10)	14.00	20.00	18.00	13.00	13.00
(11)	10.00	9.00	9.50	10.00	10.00
(12)	2.35	2.25	2.70	2.75	3.50
(13)	.03	.03	.02	.02	.05
(14)	3.10	2.76	3.30	3.30	3.70
(15)	3.25	2.91	3.50	3.60	3.70
(16)	.06	.05	.05	.07	.05
(17)	18.00	25.00	23.00	22.50	26.00
(18)	.20	.17	.18	.20	.18
(19)	.50	.50	.40	.75	.75
(20)	.80	.25	.30	.50	.75
(21)	1.00	2.00	1.00	1.50	1.00
(22)	3.00	3.00	3.00	3.00	2.50

**BIDS OPENED**

**FERRIS CO., Wyo. and Montana.**—Charles Shannon, Butte, Montana—At \$61,040, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Ore., for 42,301 miles constructing or improving the Red Lodge-Cooke City Park Approach Road to Yellowstone National Park, Sections B-D-A., Park, Mont. and Park, Wyo.

Total bids follow:

- Charles Shannon, Butte, Mont.—\$61,040.00

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Nov. 22, 2 p. m., bids will be received by Metropolitan Water District, Los Angeles, for constructing approximately 3 miles of oil mat road in the vicinity of Cajalco Reservoir, Riverside County, extending from Lower Cajalco Road on the south, over Cajalco Dam to a point near the north boundary of Cajalco Reservoir R/W and including connecting road to outlet tower bridge and proposed operators' headquarters camp. Work involves excavation, grading, placing surface materials, culvert pipes, reinforced concrete bridge, etc. The proposed bridge will be of rigid frame type, 66-ft. span, and will be constructed across the spillway of the Cajalco Reservoir. Spec. 250. Certified cashiers' check 10% must accompany bid.

**BIDS OPENED**

**STATE OF WYOMING.**—Peter Kiewit Sons & Co., Omaha, Nebr., at \$149,552.50, submitted low bid to the Wyoming Board of Public Works, Elliott, District Engineer, 254 Custom House, Denver, Colorado, for constructing 1.676 miles, Project 2-A-1 Mammoth Hot Springs Development Area of the North Entrance Highway, located within the Yellowstone National Park, State of Wyoming. Estimated cost, \$134,895.60.

Total bids follow:

- Peter Kiewit Sons & Co., Omaha, Nebr.—\$149,552.50.
- Woodward Constr. Co., Rock Spgs., Wyo.—\$151,204.80.
- Taggart Constr. Co., Cody, Wyo.—\$150,515.55.

Olef Nelson, Logan, Utah—\$153,475.25.

J. L. McLaughlin, Great Falls, Mont.—\$155,950.75.

S. J. Grove & Sons, Minneapolis, Minn.—\$161,063.25.

Woodward Constr. Co., Omaha—\$164,724.25.

Unit prices on file at office of the Daily Pacific Builder.

**BIDS WANTED**

**TUCSON, Pima Co., Ariz.**—Until Nov. 15, bids will be received by the Tucson City Council for paving streets in the University, Southwest, and First St.-Seventh Ave. Paving Districts, in accordance with plans and specifications which may be obtained from the city engineer, Geo. W. Seeley. This is a PWA project. The estimated cost is \$203,950, \$108,113, and \$115,668. \* 29

**BLUE PRINTS AVAILABLE**

**SACRAMENTO, Cal.**—State Highway Engineer C. H. Purcell announces the cost of blue prints now available for work for which bids will be opened in Sacramento on November 17, 1937.

Following is a list of blue prints and prices:

**V-SLO-2-D**

Overhead crossing over the tracks of the Southern Pacific Railroad about 6 miles north of San Luis Obispo.

**PLANS**—No. of sheets, 18; cost, \$2.70.

No Cross-sections.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

## BIDS WANTED

**TUOLUMNE AND MARIPOSA COUNTIES, Calif.**—Until November 23, 2:00 p. m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 10,518 miles surfacing on Sections A2, A3 and A4 of Route 3, the Big Oak Flat Road, and a portion of Section A1 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne and Mariposa Counties, Calif.

Work involves:

- (1) 4300 c.y. unclassified excavation.
- (2) 400 c.y. unclassified excavation for structures.
- (3) 50,000 sta. yds. overhaul.
- (4) 10,518 miles fine grading subgrade and shoulders.
- (5) 44,000 tons heavy crushed rock base course.
- (6) 23,200 tons stockpiled base course.
- (7) 20,300 tons crusher run top course.
- (8) 13,340 tons stockpiled top course
- (9) 820 M. gallons watering.
- (10) 215 tons Type MC-1 cutback asphalt for prime coat.
- (11) 110 tons Type MC cutback asphalt for prime coat.
- (12) 350 tons cover aggregate.
- (13) 740 tons stockpiled cover aggregate.
- (14) 42,300 ton miles hauling crushed rock.
- (15) 110 lf. 8-in. corrugated galvanized sheet metal pipe.
- (16) 3 each 8-in. corrugated galvanized sheet metal pipe elbows.
- (17) 1200 lf. 8-in. perforated corrugated sheet metal pipe and underdrains.
- (18) 300 sq. yds. mortar backfill seal.

Plans and specifications may be obtained from the above office upon deposit of \$10.

## BIDS WANTED

**TUOLUMNE COUNTY, Calif.**—Until November 23, 2:00 p. m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 2,107 miles grading and placing a subgrade reinforcement on Sec. A2 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne Co., Calif.

Work involves:

- (1) 43,000 c.y. unclassified excavation.
- (2) 750 c.y. unclassified excavation for structures.
- (3) 5500 c.y. sod and swamp soil excavation.
- (4) 11,600 c.y. unclassified excavation for borrow.
- (5) 60,000 sta. yds. overhaul.
- (6) 15,700 c.y. miles haul.
- (7) 1410 lf. C M P
- (8) One Type "A" spillway inlet.
- (9) 5 c.y. concrete.
- (10) 200 lbs. reinforcing steel.
- (11) 100 c.y. masonry.
- (12) 3 cast steel Gates.

Plans and specifications may be obtained from the above office upon the deposit of \$10.

## CONTRACT AWARDED

**ANTIOCH, Contra Costa Co., Cal.**—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$2.80 per sq. ft., submitted low bid and was awarded contract by the Board of Trustees of the Antioch-Live Oak Unified School District, District Supt's Office, Antioch, for the improvement of D Street, Antioch, Cal.

Roberts Island Dredging & Improvement Co., Antioch, at \$2.86 per sq. ft., submitted only other bid. \* 29

## CONTRACT AWARDED

**ANTIOCH, Contra Costa Co., Cal.**—Lee J. Immel, 1031 Evelyn Street, Berkeley, at \$4,017.96, was awarded contract by the Antioch City Council,

City, J. E. McElheney, City Clerk, City Hall, for improving Sixth Street between the west line of "G" St. and "A" St. between the south line of 6th St. and the north line of Eighth St. Antioch. \* 29

## CONTRACT AWARDED

**ORANGE CO., Calif.**—C. O. Sparks and Anglo Engineering Co., 2309 East Olympic Blvd., Los Angeles, at \$18,852.75, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for grading and paving with asphalt concrete and plant-mixed surfacing 0.5 mile on Tustin Avenue at 17th Street, Orange County. \* 29

## CONTRACT AWARDED

**SAN FRANCISCO**—M Bertolino, 32 Shotwell St., San Francisco, at \$2,700, awarded contract by the Department of Public Works, Room 251, City Hall, for the construction of sidewalks on 32nd Avenue and other locations. Estimated cost, \$2,500. \* 29

## BID CALL CANCELLED

**LOS ANGELES, Calif.**—The Los Angeles Board of Public Works has cancelled the call for bids for grading and improving streets in Baucht Street and Avila Street Improvement district (Union Pacific Terminal Station), PWA Project 4361, Unit J-4.

The Work involves:

- (1) lump sum, grading (5331 c.y. cut; 246 c.y. fill);
  - (2) 51,737 sq. ft. 8-in. conc. pave;
  - (3) 230 sq. ft. 6-in. conc. pave;
  - (4) 11,559 sq. ft. 4-in. rock and oil roadway.
  - (5) 488 ft. unplastered light class curb;
  - (6) 2336 sq. ft. one course walk, 3-in. thick;
  - (7) 1322 sq. ft. 6-in. conc. gutter;
  - (8) lump sum, storm drain complete;
  - (9) lump sum, sanitary sewer complete;
  - (10) 539 ft. 6-in. house connection sewers.
- Bids were called for November 17, 10 A. M.

## CONTRACT AWARDED

**HOOD RIVER, Oregon**—Kern & Kuhn, 42 SE Salmon Street, Portland, at \$32,365, awarded contract by the U. S. Engineer Office, District Engineer, Bonneville, Oregon, under Bid No. 691-38-121, for constructing levee protection and relocating a portion of the Hood River-White Salmon Highway east of Hood River, Oregon. Estimated cost, \$45,285.

## BIDS WANTED

**LANE CO., Ore.**—Until Nov. 17, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing or improving approximately 0.248 mi. of the Willamette Highway Tunnel and Approach Grading, Proj. 21-J2-K1, Oregon National Forest Road Project, Willamette National Forest, Lane County, Oregon.

Work involves:

- (1) All road extra and misc. force account work;
- (2) 29,630 c.y. unclass. excav.
- (3) 150,000 sta. yd. special overhaul;
- (4) 575 lf. Type A tunnel excav.
- (5) 290 lf. Type B tunnel excav.
- (6) 100 cu. Chas. A concrete;
- (7) 165 MFBM untreated timber, including 1000 lb. iron.
- (8) 2,000 c.y. hand-laid rock embankment, Type 4.
- (9) 50 cords cordwood packing;
- (10) 100 c.y. rock packing.

Plans and specifications may be

obtained from the above office upon deposit of \$10. \* 29

## BIDS WANTED

**SANTA CRUZ, Calif.**—Until Nov. 15, 9 a. m., bids will be received by the Santa Cruz City Council, R. W. Fowler, City Engineer, City Hall, Santa Cruz, for the paving of Walnut Avenue between Mission and Chestnut Streets, Santa Cruz.

Work involves:

- (1) 67,855 sq. ft. of grading to sub-grade;
- (2) 67,855 sq. ft. portland cement concrete pavement in place;
- (3) 2,695 lf. portland cement concrete curbs, in place;
- (4) 2,109 sq. ft. portland cement concrete sidewalks;
- (5) 1,110 sq. ft. concrete driveway;
- (6) 1,452 sq. ft. natural rock asphalt sidewalk;
- (7) 23 water services to be extended, and reset to all meter boxes, meters, curb stop cock complete
- (8) 6 sanitary sewer laterals to be extended, and reset all hand hold traps complete;
- (9) 33 lf. Portland cement concrete drain pipe, in place;
- (10) 4 each Portland cement concrete trap basins, Type No. 3, complete.

Plans and specifications may be obtained from the above office. \* 29

## 30—RESERVOIRS &amp; DAMS

## CONTRACT AWARDED

**SAN DIEGO, Calif.**—J. L. Kruly, 1419 Reeves Avenue, Los Angeles, at \$31,261.50 was awarded contract by the San Diego City Council for construction of the College Reservoir and pipe line; Sched. No. 2, San Diego. \* 30

November 4, 1937

## CONTRACT AWARDED

**SAN DIEGO, Cal.**—Chicago Bridge & Iron Works, 525 Rialto Bldg., San Francisco, at \$32,794, was awarded contract by San Diego City Council for construction of a 500,000-gallon elevated steel tank complete in place with riser pipe, etc., at the College Reservoir site. Fred D. Pyle, San Diego City Hydraulic Engineer.

## CONTRACT AWARDED

**CONCHAS DAM, N. M.**—Southwestern Portland Cement Co., El Paso, Texas, at \$2,4628 bbl., awarded contract by U. S. Engineer, Conchas Dam, for 100,000 barrels of portland cement, Circ. Prop. 30 Invt. W-9111-35-30; (a) job shipping point; (b) job Newkirk, N. M.

Total bids follow:

Monarch Cement Co., Humboldt, Kansas: (1) no bid (2) \$2.80 bbl.; discount \$10.00.

Consolidated Cement Corp., Fremont, Kansas: (1) \$2.49 bbl.; disc. \$10.00 bbl.

Universal Atlas Cement Co., Chicago: (1) \$2.78 bbl.; disc. \$10.00 bbl.

Lehigh Portland Cement Co., Chicago: (1) \$2.54 bbl.; disc. \$10.00 bbl.

Lone Star Cement Corp., Kansas City, Mo.: (1) \$2.78; (2) \$2.82; disc. \$10.00 bbl.

Southwestern Portland Cement Co., El Paso: (2) \$2,4628 bbl., disc. \$10.00 bbl.

## CONTRACT AWARDED

**ALAMEDA COUNTY, Calif.**—Case Construction Co., Inc., 905 W. Minister Avenue, Alhambra, at \$12,990.65, submitted low bid to the Board of Directors of the East Bay Regional Park District, Thos. J. Roberts, Secretary, 512 Bank of America Bldg., Oakland, for repairing and completion of the Temescal Dam, located on the property of the East Bay Regional Park District, Oakland. \*

**BIDS WANTED**

**COWLITZ COUNTY, Wash.**—Until November 16, 3:00 p.m., bids will be received by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-152, for clearing, bank sloping and construction of riprap revetment on certain sections of levee and strengthening of certain sections of levee by truck haul, situated in Diking Improvement District No. 13, near Kelso and Longview, Cowlitz County, Wa.

- Work involves:
- (1) One acre clearing of levee and river bank for riprap.
  - (2) 1000 c.y. excavation for bank sloping.
  - (3) 10,000 c.y. rock riprap revetment in place, Diking Dist. No. 13.
  - (4) 47,120 c.y. rock riprap revetment in place, Diking Dist. No. 2.
  - (5) 2680 c.y. truck haul, levee fill in place.

Plans and specifications may be obtained from the above office upon the deposit of \$5. \* 30

**PROSPECTIVE BIDDERS**

**CLATSOP CO., Ora.**—The Utah Constr. Co., 1 Montgomery Street, San Francisco, and the Olympia Dredging Co., c/o F. F. Cooper, 249 First Avenue, San Francisco, have procured plans for strengthening and rebuilding 36,000 sq. ft. of levee and constructing 5,960 ft. of new levee and 9,700 ft. of rock riprap revetment and drainage work in Clatsop Co., Oregon, for which bids will be opened by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, November 5, 3 P. M.

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Claude C. Wood, P. O. Box 1714, Stockton, at \$10,236, was awarded contract by U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-97, for completing the levee along the left bank of the Sacramento River between Colusa Weir and Moulton Weir, at three different locations, as follows:

- (a) 1400 feet of levee completion and 200 ft. spur levee construction beginning about 4.1 miles below Moulton Weir;
- (b) 2300 ft. of levee completion and 330 ft. spur levee construction beginning about 2.8 miles below Moulton Weir;
- (c) 1300 ft. of levee completion beginning about 9.6 miles below Moulton Weir.

**BIDS WANTED**

**COLUSA CO., Cal.**—Until Nov. 16, 10:00 A. M., date postponed from Nov. 8th, bids will be received by the Division of Water Resources, Dept. of Public Works, Edward Hyatt, State Engineer, Room 410, State Office Bldg., No. 1, Sacramento for filling with sand and earth material the levee borrow pit on the Burr Mitchell property, located on the west bank of the Sacramento River five miles north of Colusa, Colusa Co. Engineers estimate of material to be placed in borrow pit is 68,700 cu. yds.

Plans and specifications may be obtained from the above office.

**BIDS OPENED**

**SAN DIEGO**,—Chicago Bridge and Iron Works, 526 Rialto Bldg., San Francisco, at \$32,794, submitted low bid to the Sao Diego City Council for construction of a 500,000-gal. elevated steel tank borrow pit in place, with riser pipe, etc., at the College Reservoir site. Fred D. Pyle, San Diego, City Hydraulic Engineer.

Pittsburgh-Des Moines Steel Co., 740 S. Broadway, Los Angeles, at \$33,420, submitted the only other bid.

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Consolidated Steel Corp., Ltd., 5700 S. Eastern Ave., Los Angeles, at \$189,761, was awarded contract by the Los Angeles County Supervisors for the completion of outlet works at San Gabriel Dam No. 1. \* 30

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Nov. 16, 2 p.m., bids will be received by the Los Angeles County Supervisors, 501 Hall of Records, for clearing and grubbing of San Gabriel No. 1 Reservoir within designated limits, consisting of the removal and disposal of trees, stumps, brush, grass, etc.

Work involves:

- (1) 30 acres clearing and grubbing area No. 1;
- (2) 140 acres clearing and grubbing area No. 2;
- (3) 20 acres removal and disposal of dead trees, stumps and dead brush between elevations 1325 and 1335.

C. H. Howell, Chief Engineer, 751 S. Figueroa St. \* 30

**31—PIPE LINES & WELLS**

**BIDS OPENED**

**COWLITZ COUNTY, Washington.**—Parker-Schram Co., Portland, Oregon, at \$12,240, submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, under Bid No. 698-38-124, for the installation of a valve and pump discharge line for Pumping Plant No. 2, and the removal of an existing pump discharge line and replacement of two new discharge lines at Pumping Plant No. 1, situated in the Diking District No. 5, Cowlitz County, Wash. Estimated cost, \$12,597.99.

Total bids follow:

**LOS ANGELES COUNTY—WIDENING BRIDGES—(State)**

**LOS ANGELES CO., Calif.**—John Strona, Pomona, at \$34,745.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for widening bridges across Zuma Creek and Traacas Creek at points about 17 and 18 mi. north of Santa Monica, Los Angeles County.

Work involves:

- (1) 110 c.y. existing concrete removed and disposed of;
- (2) 1,500 c.y. struc. excav.
- (3) 182,000 lbs. bar reinf. steel;
- (4) 1,065 c.y. Class A Portland cement concrete, struc.;
- (5) 29 c.y. Class A do., railing;
- (6) 2,205 lbs. cast steel rockers and bearings;
- (7) 474 lf. temporary timber railing;

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A)	\$13.33	\$ 2.00	\$ 0.05	\$16.80	\$50.00	\$ 0.30	\$ 1.00	\$1700.00
(B)	3.00	2.00	.055	22.00	60.00	.15	2.00	500.00
(C)	6.00	4.00	.048	21.50	50.00	.25	1.75	600.00
(D)	10.00	3.00	.05	22.00	56.00	.35	.75	1750.00
(E)	5.75	3.45	.052	21.80	75.00	.35	1.90	450.00
(F)	13.00	4.92	.0425	22.50	55.00	.30	1.90	565.00
(G)	9.50	5.10	.05	20.00	48.00	.31	2.50	1711.60
(H)	15.00	4.00	.055	20.00	50.00	.30	2.00	4505.00
(J)	15.00	4.00	.06	25.00	60.00	.30	1.00	1000.00
(J)	12.00	6.50	.06	25.50	60.00	.35	1.70	800.00
(K)	16.00	4.00	.06	32.00	60.00	.50	2.00	1500.00

Parker-Schram Co., Portland—\$12,240.

Portland Dredging Co., Portland—\$13,321.10.

George Schmitt, Portland—\$14,849.  
L. Coluccio, Seattle, Washington—\$15,068.

Unit prices on file at the office of the Daily Pacific Builder. \* 31

**APPLICATION MADE**

**LONG BEACH, Los Angeles Co., Cal.**—Application has been made by Wilmington Gasoline Co., Los Angeles, for War Department permit to install and construct submarine pipe lines, two 8-in. wet gas and one 4-in. dry gas across entrance channel to Long Beach Harbor at former location of U P bascule bridge. Drawings showing location and plan of proposed work may be seen at office of U. S. Engineer, Los Angeles, until Nov. 12, 11 a.m. \* 31

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS REJECTED**

**SANTA ANA, Orange Co., Calif.**—The Orange County Supervisors of the County Flood Control Dist., Santa Ana, rejected unopened bids for constructing Laguna Canyon Storm Drain.

Difficulty in obtaining right of way has necessitated indefinite postponement of the project. \* 32

**PROSPECTIVE BIDDER**

**SANTA ANA, Orange Co., Calif.**—Valley Constr. Co., 47 W. Santa Clara Ave., San Jose, has procured plans for the construction of Laguna Canyon storm drain, for which bids will be received by the Orange Co. Supervisors of the County Flood Control District, Santa Ana, November 2, 11 A. M.

**(8) 1 lot misc. items of work.**

- Total bids follow:
- (A) John Strona, Pomona, \$34,745.80
  - (B) J. S. Metzger & Son, Los Angeles, 39,188.75
  - (C) Oscar Oberg, L. A., 40,764.25
  - (D) J. E. Haddock, Ltd., Pasadena, 41,631.25
  - (E) Case Constr. Co., Alhambra, 41,745.85
  - (F) Carlo Bongiovanni, L.A., 44,999.60
  - (G) Andy Sordal, Long Beach, 43,077.15
  - (H) Byerts & Dunn, L. A., 45,424.50
  - (I) C. O. Sparks & Mundo Engr. Co., 47,870.50
  - (J) Dimmitt & Taylor, 52,065.05
  - (K) Contracting Engrs. Co., Los Angeles, 56,850.50

Unit prices follow:

**HUMBOLDT CO.—GRADING & SURFACING—(State)**

**HUMBOLDT COUNTY Cal.**—Hemstreet & Bell, 501 11th St., Marysville, at \$226,636.60 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for 2.8 miles to be grad-

ed and surfaced with plant-mixed surfacing, medium curing type and applying Class B seal coat to the full width of the roadbed, between Stegeneyer Bluff and Myers, Humboldt County.

Work involves:

- (2) 34.5 acres clearing and grubbing;
- (3) 73 each, remove and grub Redwood trees, size 1;
- (4) 11 each, remove and grub Redwood trees, size 2;
- (5) 4 each, remove and grub Redwood trees, size 3;
- (6) 44 each, remove Redwood trees, size 1;
- (7) 18 each, remove Redwood trees, size 2;
- (8) 4 each, remove Redwood trees, size 3;
- (9) 52 each, remove and grub misc. trees, size 1;
- (10) 19 each, remove misc. trees, size 1;
- (11) 1 each, remove miscellaneous trees, size 2;
- (12) 2,890 M. gals. water;
- (13) 218,100 c.y. roadway excavation, without classification;
- (14) 8,000 c.y. struc. excav.;
- (15) 950 c.y. ditch and channel excavation;
- (16) 1,021,000 sta. yds. overhaul;
- (17) 54,000 tons imported borrow;
- (18) 155 sta. finishing roadway;
- (19) 9,400 tons min. aggregate, plant-mix surf.;
- (20) 470 tons liq. asph., ROMC-3, ROMC-4, or ROMC-5, plant-mix surf.;
- (21) 80 tons liq. asph., SC-2, prime coat;
- (22) 50 tons liq. asph., 80-95, seal coat;
- (23) 120 c.y. class A portland cement concrete struc.;
- (24) 9,006 lbs. bar reinf. steel;
- (25) 5,000 lf. Redwood timber cribbing;
- (26) 45 c.y. rubble masonry;
- (27) 760 lf. 8-in. CMP;
- (28) 270 lf. 12-in. CMP;
- (29) 3,300 lf. 18-in. CMP;

- (30) 480 lf. 24-in. CMP;
- (31) 100 lf. 24-in. CMP;
- (32) 58 lf. 72-in. CMP; 10-gauge;
- (33) 86 lf. 72-in. CMP; 8-gauge;
- (34) 3,735 lf. 8-in. perf. metal pipe underdrains;
- (35) 460 lf. 12-in. perf. metal pipe underdrains;
- (36) 150 lf. 18-in. perf. metal pipe underdrains;
- (37) 2,800 tons rock filling matl.;
- (38) 9 tons river run gravel;
- (39) 300 lf. existing pipe culverts removed, cleaned and salvaged;
- (40) 19 each, frames and gratings for drop inlets;
- (41) 12 each, spillway assemblies;
- (42) 2 each, 24-in. perf. metal junction pipes;
- (43) 2 each, 36-in. perf. metal junction pipes;
- (44) 6 each, taper inlets and elbows;
- (45) 14 each, headwalls removed and disposed of;
- (46) 79 each, culvert markers;
- (47) 160 each, guide posts;
- (48) 143 mi. of property fence;
- (49) 5 each, drive gates;
- (50) 100 each, monuments, complete, in place.

Total bids follow:

- (A) Hemstreet & Bell, 501 11th St., Marysville, \$226,636.00.
- (B) N. M. Ball Sons and D. McDonald, Sacramento, \$232,549.00.
- (C) Poulos & McKewen, Sacramento, \$232,635.10.
- (D) Fredericksen & Westbrook, Lower Lake, \$233,155.80.
- (E) Piombo Bros & Co., San Francisco, \$236,677.50.
- (F) Union Paving Co., San Francisco, \$261,210.50.
- (G) Parker-Schram Co., Portland, Oregon, \$274,990.00.
- (H) Macco Const. Co., Clearwater, \$288,965.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	\$150.00	\$150.00	\$300.00	\$240.00	\$300.00	\$200.00	\$200.00	\$300.00
(2).....	70.00	100.00	80.00	180.00	80.00	125.00	85.00	95.00
(3).....	120.00	300.00	150.00	480.00	110.00	300.00	150.00	180.00
(4).....	170.00	350.00	90.00	225.00	225.00	500.00	250.00	500.00
(5).....	53.00	40.00	70.00	120.00	62.00	100.00	60.00	75.00
(6).....	80.00	80.00	140.00	180.00	81.00	175.00	125.00	130.00
(7).....	120.00	250.00	285.00	600.00	185.00	300.00	200.00	300.00
(8).....	50.00	70.00	80.00	90.00	70.00	100.00	60.00	90.00
(9).....	40.00	40.00	70.00	60.00	50.00	75.00	50.00	75.00
(10).....	100.00	70.00	140.00	360.00	75.00	150.00	100.00	200.00
(11).....	.50	1.00	1.20	1.25	1.25	1.50	1.50	1.50
(12).....	.39	.31	.35	.25	.34	.43	.50	.40
(13).....	2.50	2.10	1.50	1.50	1.20	1.50	1.50	1.50
(14).....	1.00	.90	.80	1.50	1.00	1.50	1.00	1.00
(15).....	.005	.006	.005	.005	.006	.005	.005	.007
(16).....	.44	.48	.55	.30	.54	.36	.75	1.25
(17).....	5.00	5.00	8.00	9.00	5.00	5.00	10.00	5.00
(18).....	1.85	2.40	1.85	2.40	2.50	2.50	2.50	2.00
(19).....	23.00	24.00	23.50	26.00	25.00	23.00	25.00	24.00
(20).....	20.00	20.00	20.00	20.00	21.00	26.00	20.00	18.00
(21).....	24.00	25.00	23.50	23.00	24.00	30.00	22.00	26.00
(22).....	3.00	3.25	3.50	3.60	3.50	3.00	2.50	5.00
(23).....	25.00	30.00	35.00	36.00	25.00	30.00	40.00	30.00
(24).....	.08	.07	.07	.08	.08	.10	.65	1.00
(25).....	75	150	75	120	150	150	90	75
(26).....	15.00	23.00	12.00	18.00	12.00	16.00	16.00	20.00
(27).....	1.05	1.00	.97	1.20	1.00	1.00	.75	1.10
(28).....	1.40	1.40	1.25	1.70	1.40	1.50	1.05	1.30
(29).....	1.80	2.00	1.85	2.00	1.90	2.00	1.50	1.80
(30).....	3.00	2.70	2.75	3.00	3.00	3.00	1.30	3.00
(31).....	4.00	3.50	3.75	3.90	4.00	4.00	3.00	4.00
(32).....	15.00	18.00	18.00	16.80	15.00	18.00	11.50	22.00
(33).....	18.00	18.50	20.00	19.20	17.00	19.00	14.00	24.00
(34).....	1.00	1.30	1.10	1.20	1.10	1.10	.85	1.15
(35).....	1.60	1.69	1.35	1.50	1.50	1.50	1.05	1.35
(36).....	2.00	2.10	1.85	2.00	2.00	2.10	1.60	2.00
(37).....	1.50	1.60	1.75	3.60	1.75	1.50	1.25	1.00
(38).....	.35	.50	.25	1.00	.75	1.00	.60	.60
(39).....	.75	.50	1.00	1.20	.75	1.00	1.00	1.00
(40).....	60.00	60.00	65.00	60.00	50.00	65.00	50.00	60.00
(41).....	15.00	15.00	15.00	16.80	15.00	15.00	17.50	14.00
(42).....	25.00	30.00	50.00	60.00	30.00	35.00	35.00	30.00
(43).....	40.00	50.00	75.00	60.00	45.00	50.00	45.00	50.00
(44).....	20.00	20.00	20.00	20.00	18.00	17.50	25.00	18.00
(45).....	5.00	15.00	10.00	8.00	10.00	8.00	5.00	10.00
(46).....	2.50	2.50	2.10	2.40	3.00	3.00	3.00	3.00
(47).....	2.50	2.30	2.00	2.00	3.00	2.50	3.00	3.00
(48).....	750.00	700.00	800.00	600.00	700.00	750.00	700.00	600.00
(49).....	25.00	20.00	20.00	20.00	20.00	25.00	20.00	18.00
(50).....	3.00	3.00	3.00	2.00	3.00	3.00	3.50	4.00

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SHAFTER, Kern Co., Calif.—As previously reported, until Nov. 16, 8 P. M., bids will be received by the board of directors of Shafter Public Utility District (E. I. Wallace, Palmer St., Shafter, secretary of the board) for construction of treatment plant and substation complete in accordance with plans and specifications prepared by and obtainable from Currie Engr. Co., 219 Anderson Bldg., San Bernardino, upon deposit of \$15. Certified, cashier's check or bid bond, 5%, must accompany bid.

The work involves:

- (1) 500 c.y. excavation;
  - (2) 141 c.y. concrete;
  - (3) 7.2 tons reinf. steel;
  - (4) 2000 bd. ft. lumber (roofs);
  - (5) millwork: 2 pcs. 2 ft. 8 in. x 7 ft.; 8 only 2 ft. 1 1/2 in. x 3 ft. 1 1/2 in. steel sash, 2 only 24-in. galv. iron ventilators, 65 square roofing, 700 sq. ft. cem. finish;
  - (6) misc. iron: 1 gas-tight manhole, 1 slide shoe, 2 gas collectors;
  - (7) painting: 1700 sq. ft. white cement, 1300 sq. ft. Inertol, windows, doors, equipment, etc.;
  - (8) pipe and valves: Cast iron B&S: 45 ft. 6-in. pipe, 3 ea. 45 deg. 6-in. ell, 7 90-deg. 6-in. base ell, 1 4-inch on 6-in. tee, 2 6-in. gate valves, 12 ft. 8-in. pipe, 1 90-deg. 8-in. base ell, 1 90-deg. 8-in. ell, 110 ft. 4-in. pipe, 3 90-deg. 4-in. ells, 1 45-deg. 4-in. ell, 2 4-in. tees, 4 4-in. gate valves; Cast iron flanged: 6 ft. 8-in. pipe, 1 90-deg. 6-in. ell, 1 4x6 6-in. wye, 40 ft. 4-in. pipe, 7 90-deg. 4-in. ells, 4 4-in. gate valves 2 4-in. check valves, 1 45-deg. 4-in. ell, 1 4-in. pipe, 14 only 20-ft. pcs. 4-in. pipe; Iron pipe: 10 ft. 1 1/2-in. galv. pipe, 2 1 1/2-in. gate valve, 60 ft. 2-in. black pipe, 1 2-inch gate valve;
  - (9) hand rail: 60 ft. single rail, 60 ft. double rail;
  - (10) 150 ft. 6-in. vit. clay sewer pipe, 6-in. No. 2;
  - (11) equipment: 2 vertical sewage pumps, complete with floats and controls; 1 exhaust blower; 1 skimmer; 10 electric outlets; 33 c.y. sand; 22 c.y. pea gravel;
  - (12) sewers: 1,190 ft. 15-in. depth less than 6 ft.; 690 ft. 15-in., depth 6 to 8 ft.; 6,490 ft. 12-in., depth less than 6 ft.; 6,510 ft. 12-in., depth 6 to 8 ft.; 400 ft. 10-in., depth 6 to 8 ft.; 745 ft. 10-in., depth 8 to 10 ft.; 14,830 ft. 8-in., depth less than 6 ft.; 8,137 ft. 8-in., depth 6 to 8 ft.; 84 manholes, average depth 6 ft. \* 32
- CONTRACT AWARDED  
SAN FRANCISCO, Calif.—Eaton and Smith, 715 Ocean Avenue, San Francisco, at \$58,834.20, awarded contract by Dept. of Public Works, City Hall, for construction of sewers in the Hunters Point District. \* 32
- CONTRACT AWARDED  
DALLES CITY, Oregon.—Victor Equipment Co., 1010 E. 62nd Street, Los Angeles, at \$17,950, awarded contract by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-B-104, for designing, manufacturing, delivering and installing the sewage pumps for the Bonneville Project at Dalles City, Oregon. \* 32

## BIDS WANTED

**BARSTOW**, San Bernardino Co., Cal.—Until November 9, 8:00 p.m., bids will be received by Barstow Sanitary Board, Barstow Sanitary District, Room A, Town Hall, for construction of sewage treatment plant and pump station, PWA Project 1194-DS, in accordance with plans and specifications prepared by Currie Engineering Co., 219 Andreson Bldg., San Bernardino; William A. Knaggs, Secretary. Complete quantities follow:

**SEWAGE TREATMENT PLANT**

- (1) 4550 c.y. excavation.  
Concrete:  
(2) 220 c.y., 3000 lbs.  
(3) 181 c.y., 2500 lbs.  
(4) 52 c.y., 1500 lbs.  
Rein Steel:  
(5) 28,874 lbs.  
Lumber and Millwork:  
(6) 1.5 MBF trusses and sheathing.  
(7) Two 1½-in x 2 ft 8-in x 7 ft steel doors.  
(8) four 3 ft x 3 ft steel sash.  
(9) one 24-in x 24-in galv ventilator.  
(10) 7.5 squares roofing.  
(11) 1500 sq ft cement finish.  
(12) 760 sq ft masonite ceiling.  
Misc. Iron:  
(13) 1 manhole frame and cover.  
(14) 1 sludge shoe  
(15) 2 gas ejectors.  
(16) 1 water seal.  
(17) 1 gas burner.  
(18) one 18-in Snow Shasta valve.  
(19) 6 manhole steps.  
(20) 362 ft 6-in non-climable fence.  
(21) 600 sq ft painting, inert or equal; on concrete windows, metal work and equip.

**Piping and Valves—C I Flanger:**

- (22) two 6-in 45 degree ellis.  
(23) 50 ft 6-in pipe.  
(24) 12 4-in gate valves.  
(25) 7 4-in 90 degree ellis.  
(26) one 4-in side out tee.  
(27) two 4 x 4 crosses.  
(28) three 4-in tees.  
(29) one 4-in 22½ ell.  
(30) 31 ft 4-in pipe  
C I Bell and Spigot:  
(31) one 4-in gate valve.  
(32) one 4-in plug valve.  
Vlt Sewer Pipe:  
(33) 150 ft drain tile.  
(34) 75 ft 24-in sewer pipe.  
(35) 3600 ft Plymouth underdrains, or equal.

**Galv Pipe:**

- (36) 50 ft 2½-in conduit.  
(37) 70 ft 1½-in handrail.  
(38) 300 ft 1-in water pipe.  
(39) 50 ft 1½-in pipe.  
(40) 20 ft ¾-in pipe.  
Equipment:  
(41) one sewage distributor (complete) with dosing syphon and piping.  
(42) one sludge pump.  
(43) one chlorinator.  
(44) one seal.  
(45) one water system.  
(46) one name plate.  
(47) one skimmer and trough.  
(48) one switch panel.  
(49) four light outlets.  
(50) two power outlets.  
(51) two 25-ft lengths ¾-in hose.  
(52) 1840 c.y. filter stone.  
(53) 46 c.y. sand.  
(54) 20 c.y. pea gravel.  
Vitrified Clay Pipe:  
(55) 2124 ft 15-in diam.  
(56) 1968 ft 12-in diam.  
(57) 2235 ft 10-in diam.  
(58) 26,984 ft 8-in diam  
Cast Iron Pipe:  
(59) 50 ft 16-in diam  
(60) 356 ft 12-in diam  
(61) 525 ft 4-in diam  
(62) 25 lf. concr envelope.  
(63) 99 manholes, total depth 785 ft.  
(64) 1 fish tank, total depth 4 ft.

**PUMP STATION**

- (1) 80 c.y. excavation.  
Concrete:  
(2) 31.8 c.y., 3000 lbs.

- (3) 0.75 c.y., 1500 lbs.  
Wood:  
(4) one 6-in I beam 10 ft long.  
(5) 150 ft B F lbr.  
(6) one steel door.  
(7) 3 steel sash.  
(8) one 24-in ventilator.  
(9) 34 ft galv hand railing.  
(10) 11 sq ft grating.  
(11) one 24-in gas tight manhole frame and cover.  
(12) 75 squares comp rf.  
(13) Inertial and white cement painting.  
Pipe and Fittings:  
(14) 3 90-degree ellis 4-in.  
(15) one 45-degree ell 4-in.  
(16) two check valves 4-in.  
(17) one 4-in on 4-in wye.  
(18) 20 ft 4-in C I pipe.  
(19) two 1½-in gate valves.  
(20) 8 ft 1½-in pipe.  
(21) 2 switch panels (complete with

- float and float switches).  
(22) 28 ft 3-in soil pipe.  
(23) 4 light outlets.  
(24) 10 ft extension cord.  
(25) 4 gate valves 4-in.  
Equipment:  
(26) 2 sewage pumps.  
(27) one ventilating blower.  
Plans and specifications available from Currie Engineering Co. upon deposit of \$15.

**PLANS APPROVED**

**PETALUMA**, Calif.—PWA engineers approved plans and specifications for the construction of a sewer and sewage disposal plant, including the acquisition of necessary land and equipment. Bids to be asked for shortly. Estimated cost, \$315,800. The work will consist of intercepting sewers, river crossing, storm water sewer, sewer separation, sewage pumping

**RIVERSIDE COUNTY—GRADING & PAVING—(State)**

**RIVERSIDE CO.**, Calif.—Oswald Bros, 366 E. 58th St., Los Angeles, at \$55,899.00, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing about 24 miles between 2 miles south of San Bernardino Co. line and Beaumont, Riverside Co.

**Work Involves:**

- (1) 1900 M. gals. water;  
(2) 70,000 c.y. roadway excav., without class;  
(3) 740,500 sta. yds. overhaul;  
(4) 2000 c.y. struc. excav.;  
(5) 125 sta. finishing roadway;  
(6) 870 c.y. remove conc.;  
(7) 4100 c.y. sand;  
(8) 58,300 sq. yds. blending sub-grade;  
(9) 6885 tons min. aggregate, plant-mix surf.;  
(10) 304 tons liq. asphalt, SC-4, plant-mix surf.;  
(11) 63,000 sq. yds. preparing, mixing and shaping roadbed;  
(12) 510 tons liq. asphalt, SC-2, road-mix surface treatment;  
(13) 33 tons liq. asphalt, 90-95, seal coat;  
(14) 642 tons screenings, seal coat;  
(15) 2000 sq. yds. asphalt paint binder;  
(16) 49,000 lbs. bar reinforcement;

- (17) 400 c.y. Class A Portland cement concrete strucs.;  
(18) 290 lf. 8-in. CMP;  
(19) 32 lf. 12-in. CMP;  
(20) 12 lf. 18-in. CMP;  
(21) 820 lf. 24-in. CMP;  
(22) 48 lf. 30-in. CMP;  
(23) 136 lf. 36-in. CMP;  
(24) 66 lf. 48-in. CMP;  
(25) 66 lf. remove and relaying culvert pipe;  
(26) 271 lf. remove and salvage culvert pipe;  
(27) 19 each, spillway assemblies;  
(28) 1 each, remove and reinstalling spillway assemblies;  
(29) 150 lf. laminated guard railing;  
(30) 67 each, culvert markers;  
(31) 90 each, guide posts;  
(32) 3.3 mi. new property fence;  
(33) 5 each, drive gates;  
(34) 34 each, monuments.

**Total bids follow:**

- (A) Oswald Bros., 366 E. 58th St., L. A. .... \$65,899.00  
(B) Griffith Co., L. A. .... 72,845.75  
(C) O. C. Sparks & Mundo Engrs. Co., L. A. .... 73,904.70  
(D) Crowe Bros. Constr. Co., L. A. .... 74,326.55  
(E) George Herz & Co., L. A. .... 75,654.30  
(F) Dimmitt & Taylor, L. A. .... 77,185.50  
(G) Claude Fisher Co., L. A. .... 78,176.30  
(H) A. S. Vinnell Co., L. A. .... 90,368.31  
Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$ 1.50	\$ 1.50	\$ 0.60	\$ 1.70	\$ 0.60	\$ 1.40	\$ 2.00	\$ 1.40
(2)	.19	.215	.20	.175	.27	.22	.21	.31
(3)	.003	.005	.005	.005	.005	.005	.005	.03
(4)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
(5)	7.50	5.00	20.00	10.00	6.00	10.00	5.00	10.00
(6)	2.00	2.00	2.00	1.75	2.00	2.00	1.75	3.00
(7)	.45	.45	.75	.45	.40	.40	.35	.50
(8)	.02	.03	.06	.06	.03	.035	.05	.045
(9)	1.80	2.15	2.00	2.20	2.00	2.00	2.58	2.27
(10)	9.00	10.00	10.00	9.50	10.00	12.00	10.00	11.00
(11)	.05	.042	.05	.05	.03	.06	.07	.06
(12)	9.00	8.00	9.00	8.25	10.00	9.00	8.25	9.00
(13)	17.00	20.00	22.00	19.00	24.00	20.00	17.00	21.00
(14)	2.50	3.00	3.00	3.50	2.50	3.50	3.00	3.30
(15)	.02	.03	.05	.03	.03	.03	.03	.02
(16)	.05	.05	.06	.055	.06	.06	.05	.07
(17)	17.00	20.00	16.00	21.50	21.00	23.00	19.00	30.00
(18)	1.00	1.00	.85	1.00	1.00	1.00	1.00	1.30
(19)	1.25	1.50	1.50	1.40	1.50	1.40	1.25	2.00
(20)	2.00	2.00	1.70	1.80	2.00	2.00	1.75	2.70
(21)	2.75	3.00	2.60	2.75	3.00	3.00	2.70	4.00
(22)	3.25	4.00	4.00	3.80	3.75	4.00	3.50	4.50
(23)	5.00	5.00	5.00	5.00	5.50	6.00	5.00	7.00
(24)	7.00	7.00	7.00	7.00	8.00	8.00	7.00	7.50
(25)	.60	1.00	1.50	1.00	1.00	.70	1.00	1.00
(26)	.40	.70	.80	.75	.80	.75	1.00	.70
(27)	15.00	16.00	15.00	15.00	16.00	18.00	15.00	20.00
(28)	10.00	10.00	10.00	10.00	8.00	12.00	5.00	9.00
(29)	1.20	2.00	1.25	1.50	1.40	1.25	1.00	2.00
(30)	2.00	3.00	3.00	2.50	3.00	2.50	3.00	2.50
(31)	2.00	2.00	3.00	2.00	3.00	2.50	2.50	2.50
(32)	500.00	450.00	500.00	500.00	600.00	450.00	600.00	550.00
(33)	15.00	20.00	30.00	15.00	20.00	20.00	20.00	25.00
(34)	2.50	3.00	2.00	3.00	3.00	3.00	3.00	3.00

plant and sewage pumping and treatment plant.

Harry N. Jenks, 2701 Benvenue, Berkeley, supervising engineer in charge.

**33— WATER WORKS**

**BIDS WANTED**

**TOLEDO, Ore.**—As previously reported, until Nov. 18, 2 p.m. (date changed from Nov. 28). Bids will be received by the City of Toledo, C. E. Arthur, Recorder, for replacing existing distribution system, repairing existing reservoir, constructing pump plant on Siletz River and earth fill on Mill Creek. Estimated cost, \$110,091.

Work involves:

**DIVISION 1**—Intake sump and infiltration galleries, suction line, pump house, chlorinator and discharge manifold on Siletz River, about 8 miles north of Toledo;

**DIVISION 1A**—Pumps and electric equipment furnished and installed (separate contract may be awarded on this).

**DIVISION 2**— Pump line, gravity line, surge tank; connections and repairs to present distribution system; construction of power line.

**DIVISION 3** — \$50,000 gal. concrete reservoir and repairs to present reservoir.

**DIVISION 4**—Construction of earth-filled dam and removal of existing dam on Mill Creek, about 5 miles south of Toledo.

Divisions 1-2-3-4 to be awarded on one contract. Funds available: \$93,000 for Divisions 1-2-3-4, and \$9,000 for Division 1A.

Plans and specifications may be obtained at the office of Beasley & Stoehr, 431 Railway Exchange Bldg., Portland, after November 1, upon a deposit of \$15.00. 33

**PERMITS ISSUED**

**SACRAMENTO, Calif.**—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of October, 1937:

5014, Application 9066 (Inyo County) issued to W. A. Reid and Franklin Booth, Los Angeles, Oct. 1, for 1500 gals. per day from Whip-Poor-Will spring, for recreational purposes. Est. cost, \$2500.

5015, App. 8661 (Siskiyou County) issued to Wm. A. Hedges, Forks of Salmon, Oct. 7, for 3 cfs from Big Creek, for mining purposes. Est. cost, \$400.

5016, App. 8663 (Trinity County) issued to Nugget Bar Placers, Inc., of Oakland, Oct. 7, for 62.5 cfs from Swift Creek, for mining purposes. Est. cost, \$25,000.

5017, App. 8575 (Los Angeles County) issued to Dr. P. S. O'Reilly, Glendale, Oct. 17, for 1.5 cfs from Warm Springs, for irrigation of 5.5 acres. Est. cost, \$2200.

5018, App. 9054 (El Dorado County) issued to U. S.-El Dorado National Forest, Placerville, Oct. 14, for 2000 gals. per day from White Hall Canyon, for fire fighting purposes. Est. cost, \$150.

5019, App. 9055 (El Dorado County) issued to U. S.-El Dorado National Forest, Placerville, Oct. 14, for 2000 gals. per day from White Hall Canyon, for fire fighting purposes. Est. cost, \$50.

5020, App. 9056 (El Dorado County) issued to U. S.-El Dorado National Forest, Placerville, Oct. 14, for 4000 gals. per day from Frye Creek for fire fighting purposes. Estimated cost, \$150.

5021, App. 9057 (El Dorado County) issued to U. S.-El Dorado National Forest, Placerville, Oct. 14, for

2000 gals. per day from an unnamed stream for fire fighting purposes. Est. cost, \$150.

5022, App. 8996 (Plumas County) issued to Merrill L. Clemens, State, Oct. 15, for (1) 2.5 and (2) 0.5, total 3 cfs from (1) Clear Creek, and

(2) Owl Creek, for mining and domestic purposes. Est. cost, \$250.

5023, App. 9024 (Plumas County) issued to Gerald H. Simpson, Quincy, Oct. 15, for 0.25 cfs from an abandoned mining shaft, for mining and domestic purposes. Est. cost, \$1500.

**SAN JOAQUIN AND SACRAMENTO COUNTIES.— Grading and Paving—(State)**

**SAN JOAQUIN** and Sacramento Cos., Calif.—Fredericksen and Westbrook, P. O. Box 138, Lower Lake, at \$205,803, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about 5 miles grading and paving with Portland cement concrete between Jahant Corner and one mile north of Galt, San Joaquin and Sacramento Counties, Calif.

Work involves:

- (1) 263 sta. clear and grub right of way;
- (2) 3,300 M. gals. water;
- (3) 73,500 c.y. roadway excavation, without class;
- (4) 100 c.y. ditch and channel excav.;
- (5) 2,900 c.y. struc. excav.;
- (6) 385,000 sta. yds. overhaul;
- (7) 70,000 c.y. imported borrow;
- (8) 415 tons asphalt cement, Grade E, membrane seal;
- (9) 500 c.y. salvaged surf.;
- (10) 430 c.y. remove conc.;
- (11) 60,900 sq. yds. prepar. sub-grade;
- (12) 263 sta. finishing roadway;
- (13) 5,000 tons untreated crushed gravel or stone;
- (14) 40 tons liq. asphalt, MC-5 or MC-extra heavy, plant-mix surf.;
- (15) 700 tons mineral aggregate, plant-mix surf.;
- (16) 5 tons liq. asphalt, SC-2, prime coat;
- (17) 3 tons asphaltic emulsion, seal coat;
- (18) 40 tons screenings, seal coat;
- (19) 195 tons liq. asphalt, SC-1A or SC-2, penetration oil treatment;
- (20) 11,800 c.y. class B portland cement concrete pavement;
- (21) 22,400 cu. yw. pave. dowels;
- (22) 6,230 each, the bolt assemblies;
- (23) 105,900 lbs. bar reinf. steel pave. and strucs.;

- (24) 285 c.y. class A portland cement conc. strucs.;
- (25) 290 c.y. class A portland cement conc. slope paving;
- (26) 168 lf. 8-in. CMP;
- (27) 1,756 lf. 18-in. CMP;
- (28) 454 lf. 24-in. CMP;
- (29) 142 lf. 36-in. CMP;
- (30) 88 lf. 60-in. CMP;
- (31) 458 lf. 18-in. CMP siphons;
- (32) 16 each, concrete joints pipe siphons;
- (33) 126 lf. exist. CMP remove, clean and relay;
- (34) 48 each, culvert markers;
- (35) 10 mi. new property fence;
- (36) 45 each, drive gates;
- (37) 12 sections pave crossing devices, Type A-11, single lane;
- (38) 2 sections pavement crossing devices, Type B-11, single lane;
- (39) 73 each, monuments.

Total bids follow:

- (A) Fredericksen & Westbrook, P. O. Box 138, Lower Lake, \$205,803.
- (B) David H. Ryan, San Diego, \$209,428.40.
- (C) N. M. Ball Sons and D. McDonald, Sacramento, \$212,313.60.
- (D) Louis Bisattoli & Son, Stockton, \$212,625.38.
- (E) Union Paving Co., San Francisco, \$219,860.70.
- (F) Basch Bros., Los Angeles, \$222,466.50.
- (G) Healey-Moore Co. Oakland, \$224,199.75.
- (H) Metropolitan Const. Co., Los Angeles, \$238,480.
- (I) A. Teichert & Son, Inc., Sacramento, \$249,616.30.
- (J) Larsen Bros. and Harms Bros., Sacramento, \$254,823.00.
- (K) A. J. Ralsch and Earl W. Heple, San Jose, \$261,346.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$22.00	\$ 5.00	\$ 5.00	\$ 5.30	\$ 6.50	\$ 6.00	\$ 3.00	\$ 6.00	\$ 7.00	\$10.00	\$10.00
(2)	.30	.10	.80	.50	.90	.60	1.25	.50	1.25	1.00	1.00
(3)	15	23	18	.18	.17	25	20	25	20	22	275
(4)	1.25	1.50	1.00	1.00	1.37	1.00	1.40	1.00	1.25	1.00	1.50
(5)	.90	.80	1.10	1.70	1.50	1.40	1.00	1.25	1.00	1.50	1.00
(6)	.007	.003	.005	.003	.005	.005	.005	.005	.005	.005	.005
(7)	.30	.38	.37	.45	.42	.49	.45	.50	.53	.50	.47
(8)	16.00	21.00	18.00	17.40	17.00	16.00	18.75	14.00	23.00	20.00	20.00
(9)	.75	1.00	.75	.60	.60	.60	.65	1.50	.90	.75	1.50
(10)	5.50	2.50	5.00	3.50	4.00	4.00	2.25	3.00	2.25	5.50	1.50
(11)	.06	.12	.09	.19	.07	.07	.08	.10	.08	.10	.08
(12)	4.50	7.00	5.00	7.00	5.00	6.00	6.00	10.00	5.00	8.00	5.00
(13)	2.10	2.15	1.90	2.07	2.10	2.10	1.90	2.50	2.25	2.25	2.60
(14)	17.00	17.00	19.00	15.97	17.00	21.00	17.00	14.00	20.00	20.00	24.00
(15)	5.00	4.50	3.50	4.50	4.25	5.00	3.75	4.00	4.75	4.50	5.00
(16)	15.00	17.00	20.00	13.00	20.00	17.00	16.00	11.00	25.00	18.00	24.00
(17)	27.50	20.00	25.00	25.00	25.00	50.00	23.00	20.00	10.00	30.00	30.00
(18)	2.50	3.25	3.00	3.20	4.00	3.25	3.25	3.50	4.00	4.00	5.00
(19)	13.00	18.00	15.00	11.60	13.00	10.00	12.85	11.00	16.00	18.00	13.00
(20)	7.75	7.30	7.75	7.50	8.60	7.54	8.06	8.25	9.15	9.10	9.65
(21)	15	15	19	18	17	20	26	25	21	26	25
(22)	40	30	45	30	33	50	59	55	50	60	69
(23)	.06	.06	.06	.06	.06	.05	.06	.05	.06	.05	.06
(24)	22.00	21.00	21.00	22.00	19.00	21.00	20.00	21.00	22.00	20.00	22.50
(25)	14.00	15.00	17.00	17.00	10.50	15.00	15.00	14.00	12.50	15.00	18.00
(26)	.90	1.00	1.00	1.00	1.00	1.00	.91	1.00	1.10	1.00	1.00
(27)	1.60	1.50	1.75	1.80	1.65	2.00	1.60	2.00	1.70	2.00	2.00
(28)	2.50	3.00	2.70	2.78	2.70	2.75	2.75	3.00	2.80	3.00	2.75
(29)	4.50	5.30	5.50	5.15	5.00	5.00	5.20	6.00	5.50	5.00	5.50
(30)	11.00	11.50	12.40	12.20	12.80	11.00	12.90	13.00	12.50	13.00	13.00
(31)	2.00	2.40	2.50	2.50	2.50	2.40	2.45	3.00	2.50	3.00	2.00
(32)	9.00	7.50	16.00	13.00	14.00	11.00	11.65	12.90	10.00	5.00	10.00
(33)	2.00	2.40	2.50	2.50	2.50	2.40	2.45	3.00	2.50	4.00	2.50
(34)	2.00	1.50	2.50	3.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00
(35)	100.00	100.00	100.00	150.00	50.00	50.00	100.00	17.50	20.00	10.00	17.50
(36)	17.00	15.00	19.00	35.00	20.00	10.00	28.50	50.00	1.00	75.00	10.00
(37)	20.00	17.00	20.00	30.00	25.00	10.00	28.50	50.00	35.00	50.00	20.00
(38)	20.00	10.00	50.00	30.00	25.00	10.00	28.50	30.00	35.00	50.00	20.00
(39)	2.00	3.00	2.50	3.00	2.50	2.00	3.00	3.00	2.50	3.00	3.00

**MASTICK SCHOOL, ALAMEDA, CALIF.**

**SCHOOL BLDG.**  
**ALAMEDA, Alameda Co., Calif. Bay and Santa Clara Aves. (Mastick School).**  
 One-story modernistic U-shaped elementary school bldg. (12 classrooms, gymnasium, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.  
 Owner—Alameda Board of Education (Wm. G. Paden, Superintendent).  
 Architect—Kent & Haas, Underwood Bldg., San Francisco.  
 Low Bidder—W. K. Van Bokkelen Constr. Co., 439 23rd St., Oakland—\$109,494.  
 General bids were received with the following alternates:  
 (1) Ded. for omitting classroom No. 12;  
 (2) Ded. for omitting classrooms Nos. 10 and 12;

- (3) Ded. for omitting library room;
  - (4) Add for light fixtures;
  - (5) Add for light fixtures;
  - (6) Add or Ded. for omitting and removing curb;
  - (7) Ded. for omitting Venetian blinds;
  - (8) Add or Ded. for changing teachers' and pupils' cabinets to steel;
  - (9) Add or Ded. for changing floors to wardrobes to masonite in lieu of linoleum;
  - (10) Add or Ded. for tile walls of vestibules, areas No. 20 and 23;
  - (11) Add or Ded. for 3/16-in. kublkeyn fir 6 rooms;
  - (12) Add or Ded. for stainless steel in lieu of galvanized iron drains and splashbacks;
  - (13) Ded. for omitting main switch-board.
- Total bids follow:  
 (A) W. K. Van Bokkelen Construction Co., Oakland—\$109,494.  
 (B) F. C. Stolte Company, Alameda—\$114,500.

- (C) Carl N. Swenson Co., San Jose—\$117,400.
- (D) John F. Tulloch, Oakland—\$118,893.
- (E) George Swanstrom, Oakland—\$119,545.
- (F) Central California Construction Co., San Francisco—\$119,683.
- (G) Villadae Bros., Inc., Oakland—\$120,800.
- (H) Geo. J. Maurer Co., Piedmont—\$119,973.
- (I) A. Nelson, Inc., San Francisco—\$123,497.
- (J) Anderson & Ringrose, San Francisco—\$124,591.
- (K) E. T. Leiter & Sons, Oakland—\$124,667.
- (L) Miller Const. Co., San Francisco—\$124,690.
- (M) Leo Epp, S. F.—\$125,377.
- (N) De Luca & Son, Inc., San Francisco—\$126,848.
- (O) G. E. Johnson, Oakland—\$128,998.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1).....	4716	5000	5338	3910	1719	3980	4600	4450	5531	4369	4750	4200	5000	5300	4535
(2).....	8399	9300	10668	9390	3215	7400	8800	9400	10325	8000	9500	8067	9050	10000	9070
(3).....	4079	4500	4973	4244	1287	3750	4500	4400	5018	4200	5000	4079	3771	4700	4105
(4).....	137	185	173	193	170	180	160	160	157	175	170	200	160	165	150
(5).....	972	1400	1396	1428	1300	1300	1400	1300	1329	1400	1400	1350	1334	1425	1050
(6).....	218	75	35	140	20	150	.....	.....	43	.....	259	200	100	.....	50
(7).....	1790	1900	1750	1900	1950	1700	1900	1870	1798	1750	1500	1980	1750	1550	1884
(8).....	625	800	900	798	1094	250	1700	1600	1744	1100	500	110	.....	800	2890
(9).....	80	30	50	.....	30	40	50	125	.....	.....	100	.....	25	100	.....
(10).....	120	146	125	125	126	160	100	110	93	125	100	115	140	110	114
(11).....	400	425	400	400	550	400	550	400	400	500	410	500	410	500	400
(12).....	850	1245	286	1095	900	750	750	600	300	680	1150	800	700	1000	650
(13).....	400	525	500	485	600	400	500	500	507	500	450	516	490	500	455

**MENDOCINO COUNTY—GRADING—(State)**

**MENDOCINO CO., Calif.—A. R. Maestrett, 318 Elks Bldg., Stockton, at \$27,245, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 1.6 miles grading between Albion and Newport, Mendocino County, Cal.**  
 Work involves:  
 (1) Clear and grub right of way;  
 (2) 385 M. gal. water;  
 (3) 46,050 c.y. roadway excav. without class.;  
 (4) 195 c.y. ditch and channel excavation;  
 (5) 132,200 sta. yds. overhaul;  
 (6) 1,765 c.y. struc. excav.;  
 (7) 87 sta. finishing roadway;  
 (8) 350 lbs. bar reinf. steel;  
 (9) 22 c.y. class A portland cement concrete struca.;  
 (10) 26 MFMB Redwood timber,

- dense, select, all-heart struc. grade;  
 (11) 13 MFMB Redwood timber, select, all-heart struc. grade;  
 (12) 38 l.f. 18-in. stand. reinf. conc. pipe;  
 (13) 40 l.f. 8-in. CMP;  
 (14) 70 l.f. 12-in. CMP;  
 (15) 354 l.f. 18-in. CMP;  
 (16) 116 l.f. 24-in. CMP;  
 (17) 444 l.f. 30-in. CMP;  
 (18) 84 l.f. 36-in. CMP;  
 (19) 106 l.f. 48-in. CMP;  
 (20) 1 each, taper inlet;  
 (21) 2 each, spillway assemblies;  
 (22) 32 each, culvert markers;  
 (23) 6 each, frames and gratings for drop inlets;  
 (24) 1 lot, remove bridges.  
 The State will furnish CMP, embankment protectors and taper inlet.  
 Total bids follow:

- (A) A. R. Maestrett, 318 Elks Bldg., Stockton—\$27,245.
  - (B) Young & Son Co., Ltd., Berkeley—\$28,500.
  - (C) Guerin Bros., San Francisco—\$29,317.
  - (D) N. M. Ball Sons, Berkeley—\$32,082.20.
  - (E) John Burman & Sons, Eureka—\$33,754.30.
  - (F) Parrish Bros., Los Angeles—\$38,631.70.
  - (G) Chas. L. Harney, San Francisco—\$39,529.50.
  - (H) Claude C. Wood, Stockton—\$42,351.50.
  - (I) Helwig Constr. Co., Sebastopol—\$43,264.50.
  - (J) John Rocca, San Rafael—\$49,723.10.
- Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	\$1325.00	\$2250.00	\$1300.00	\$2000.00	\$1750.00	\$3000.00	\$4000.00	\$1000.00	\$1800.00	\$1000.00
(2).....	1.25	1.25	1.50	1.00	1.75	2.00	1.00	1.50	1.50	1.00
(3).....	30	30	39	37	415	48	47	60	60	79
(4).....	1.00	90	1.00	1.00	1.20	1.50	2.00	1.00	1.50	1.50
(5).....	.01	.001	.005	.01	.01	.01	.01	.01	.01	.01
(6).....	1.25	1.15	1.00	1.50	1.50	1.50	2.00	2.00	1.50	1.50
(7).....	10.00	6.00	5.00	10.00	8.00	10.00	10.00	5.00	10.00	10.00
(8).....	.10	.10	.06	.10	.08	.07	.20	.10	.10	.07
(9).....	31.00	35.00	30.00	35.00	30.00	35.00	40.00	30.00	30.00	35.00
(10).....	95.00	94.00	90.00	90.00	100.00	85.00	100.00	100.00	100.00	95.00
(11).....	95.00	94.00	80.00	90.00	92.00	85.00	100.00	90.00	100.00	95.00
(12).....	3.50	3.00	2.00	3.50	3.00	3.00	3.00	4.00	2.00	3.00
(13).....	.50	40	.40	.60	.30	.60	.50	.50	.50	.30
(14).....	.50	40	.50	.60	.40	.60	.85	.50	.75	.40
(15).....	.50	.55	.50	.80	.50	.60	.75	.50	1.50	.40
(17).....	.50	.80	.75	1.00	.75	.60	1.00	1.00	2.00	1.00
(18).....	95.00	94.00	1.00	1.50	90	.80	1.25	1.25	1.50	1.00
(17).....	60	1.00	1.00	2.00	95	1.00	1.50	1.50	2.50	1.00
(19).....	1.00	1.75	2.00	3.00	1.15	1.50	2.00	3.00	3.00	1.00
(20).....	10.00	4.00	12.00	5.00	5.00	5.00	5.00	5.00	20.00	5.00
(21).....	10.00	5.00	12.00	5.00	8.00	10.00	5.00	10.00	35.00	10.00
(22).....	3.00	2.50	3.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00
(23).....	25.00	60.00	60.00	75.00	50.00	10.00	62.50	30.00	20.00	80.00
(24).....	1500.00	2000.00	700.00	1000.00	1400.00	2500.00	600.00	1000.00	1000.00	800.00

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Until November 9, 2 p. m., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

- BID NO. 5285—Mill work, f.o.b. San Diego, Cal.  
 BID NO. 5286—Fire extinguishers, f.o.b. Government Island.  
 BID NO. 5287—Sheads, D.B. 3 1/4 lb., western axe; f.o.b. Government Island.  
 BID NO. 5288—1000 lbs. white cotton wiping cloths; f.o.b. Government Island.  
 BID NO. 5289—3000 valve cores; f.o.b. Government Island.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials and rental of equipment, as follows:

November 8, 10 A. M.

- BID NO. 4646—Oregon pine of various sizes; f.o.b. Zoological Gardens, San Francisco.

November 9, 10 A. M.

- BID NO. 4647—Douglas fir lumber of various sizes; f.o.b. Rosedale School, Rosedale, Calif.  
 BID NO. 4648—Douglas fir and redwood lumber; f.o.b. Golden State Highway, Ekersfield, Cal.

November 10, 10 A. M.

- BID NO. 4649—Tile; f.o.b. 34th Ave. and Lincoln Way, San Francisco.  
 BID NO. 4650—Fire clay and brick; f.o.b. 1155 Page St., San Francisco.  
 BID NO. 4654—Rental of one tractor, not less than 40 hp., diesel or gasoline powered, equipped with Bulldozer, Scraper and Scarifier, for use for 120 hours; f.o.b. Geneva Ave. and Rio Verde St., San Francisco.

November 11, 10 A. M.

- BID NO. 4656—Brooms, brushes, pails, saws, rakes, hatchets, chisels, files, etc.; r.o.b. Yolo County, Cal.

November 12, 10 A. M.

- BID NO. 4651—Two enameled roofs complete; f.o.b. Aquatic Park, San Francisco.  
 BID NO. 4653—Brass spinnings and copper spinnings; f.o.b. Aquatic Park, San Francisco.  
 BID NO. 4657—Steel conduit and couplings, rods and bonding straps; f.o.b. 1155 Page St., San Francisco.  
 BID NO. 4658—42 tons 95 plus liquid asphalt; f.o.b. Insulated Tank Car, City Corp. Yard, Western Pacific Siding, Washington and Harrison Sts., Stockton.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

- SCH. 1932—420,000 ft. flexible steel cable, for Philadelphia; and 280-

000 ft. do., for San Diego; Nov. 9.

- SCH. 1938—660 sailmakers' palms for eastern yards; 96 sailmakers' roping palms, for Mare Island; Nov. 9.

SCH. 1960—Eight flexible expansion joints for diesel engine exhaust lines for Portsmouth; 4 do. for Mare Island; Nov. 9.

- SCH. 1923—Motor-driven light duty engine lathe, for San Diego; November 9.

SCH. 1921—128 dry electrolytic capacitors for Submarine Bases; 48 do., San Diego; 300 do., for eastern and western yards; 96 do. for eastern yards; Nov. 9.

SCH. 1933—Four motor-driven saddle type turret lathes for Puget Sound; Nov. 9.

- SCH. 1926—Navy fuel oil, fuel oil for diesel engines, for west coast, Nov. 16.

SCH. 1969—2,500 hacksaw frames for eastern yards and San Diego; Nov. 16.

SCH. 1968—Conduit pipe for eastern and western yards; Nov. 16.

SCH. 1962—Soldering irons, flat irons and electric glue pots, for eastern and western yards; Nov. 9.

SCH. 1949—Motor-driven toolmaker's precision lathe, for San Diego; Nov. 9.

SCH. 194—Cotton twine, hemp twine, jute twine, sack cord and calking cotton, for eastern and western yards; Nov. 9.

SCH. 1964—Cable, electric, heat and flame-resistant, for Brooklyn & Mare Island; Nov. 12.

SCH. 1975—222 chain hoists, for eastern and western yards; Nov. 16.

SCH. 1965—Ropes, for eastern and western yards; Nov. 16.

SCH. 1967—Dust pans, for eastern and western yards; Nov. 16.

SCH. 1927—Navy aviation gasoline for west coast; Nov. 16.

SCH. 1928—1,200,000 gal. high octane aviation gasoline for Los Angeles, Nov. 16.

SCH. 1977—Brass oil syringes, for eastern and western yards; Nov. 16th.

SCH. 1979—Sharpening stones, for eastern and western yards; Nov. 16th.

SCH. 1993—Abrasive wheels, for eastern and western yards; Dec. 12st.

SCH. 1973—Screwdrivers, for eastern and western yards; Nov. 16.

SCH. 1920—15,000 ft. plow steel wire rope, galv. 5/16-in., for Mare Island; Nov. 16.

SCH. 2006—One motor-driven milling machine, for San Diego; Nov. 16.

SCH. 2014—500 portable electric drills, for eastern and western yards; Nov. 16.

SCH. 1971—Rules and tapes for eastern and western yards; Nov. 16.

SCH. 1984—35 aluminum alloy metal-ladder ladders, for Sewalls Point; 175 do., for Mare Island; 65 do., for Sewalls Point; 425 do. for San Diego and Mare Island; Nov. 16.

SCH. 2026—15 steel cylinders and 3 alloy plungers, for Portsmouth and Mare Island; Nov. 19.

SCH. 2013—Ratchet braces and drills, breast, hand and ratchet, for eastern and western yards; Nov. 16th.

SCH. 1998—Sponges for eastern yds. and Puget Sound; Nov. 16.

SCH. 2021—Steel sockets for Morse taper shank tools, for eastern

and western yards; Nov. 16.

SCH. 2033—21 machined cast bearing sleeves for Portsmouth and Mare Island; Nov. 16.

SCH. 1997—8,350 ship scrapers for eastern yards; 10,100 do. for western yards; 25 sets machinist scrapers, for Sewalls Point; November 16.

SCH. 2041—Pressure gauges for Portsmouth and Mare Island; Nov. 16.

SCH. 2003—Torches, gasolene alcohol and oil for eastern and western yards; Nov. 16.

SCH. 2018—10,000 lb. white ash, for Philadelphia and San Diego; Nov. 16.

## WAR DEPARTMENT

FORT MASON, Calif.—Until November 10, 10:00 a. m., bids will be received by the Quartermaster Supply Depot, Fort Mason, San Francisco, under Bid No. 928-38-125, for furnishing 20 barrels, and 1000 barrel liners; f.o.b. Box Factory, Fort Mason, San Francisco.

FORT McDOWELL, Calif.—Until November 27, 10:30 a. m., bids will be received by the Quartermaster, Fort McDowell, California, under Circ. Pro. No. 536-38-7, for furnishing Portland Cement in paper bags; f.o.b. Pier No. 1, Fort Mason and/or shipper's point.

## TREASURY DEPARTMENT

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

November 8, 10 A. M.

- BID NO. 4642—350 lbs. 50-lb. drums aluminum paste and 175 gal. aluminum vehicle; f.o.b. Municipal Airport, Oakland, Calif.

November 9, 10 A. M.

- BID NO. 4644—Steel bars and wire; f.o.b. Zoological Gardens, San Francisco.

## LOS ANGELES CITY

LOS ANGELES, Cal.—Until Nov. 9, 10 a. m., bids will be received by Los Angeles Water & Power Purchasing Agent for: 35,000 ft. No. 14 and 25,000 ft. No. 10 insulated wire, No. 5202.

## U. S. FOREST SERVICE

SAN FRANCISCO.—Until Nov. 12, 2 P. M., bids will be received by the Forest Service Regional Office, 1022 Phelan Bldg., 760 Market Street, San Francisco, under Bid No. 1182, for a heating system, including gas boiler and one condensation pump and receiver, and three blower type heating units; fob bidder's shipping point and/or Government Island.

GOVERNMENT ISLAND, Calif.—Until November 12, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5284, for the purchase of new Chevrolet replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island.

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## IN THIS ISSUE



State Opens Proposals on  
Spans, Grading



*S. F. Connecting Sewer Out For Bids*



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of Building and Engineering  
Projects

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JOB  
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SAN FRANCISCO, CALIF., NOVEMBER 13, 1937

No. 43

## CITY ASKS BIDS FOR CONNECTING SEWER CONTRACT

Proposals Nov. 24 on Final Job In PWA Disposal Program

Action on construction of the last leg in the PWA-San Francisco Department of Public Works sewage disposal program, financed by a federal grant and the sewer bond issue of 1933, loomed Wednesday as Director Wm. H. Worden issued a call for bids for construction of the Richmond connecting sewer in Golden Gate Park.

Bids will be opened for the \$36,000 project, November 24.

The Richmond sewer will connect the Richmond Sewer Tunnel, now under construction, and the Richmond - Sunset Sewage Disposal Plant. The sewer will be composed of reinforced concrete pipe and will be about 1700 feet in length. It will connect with the Richmond Sewer Tunnel at Forty-sixth Ave. and Fulton street, and cut across Golden Gate Park to the treatment plant located north of the South Drive, opposite the intersection of Forty-sixth avenue and Lincoln way.

### Sewer Tunnel

The Richmond Sewer Tunnel, being constructed by MacDonald and Kahn Company, Ltd., is approximately 85 per cent completed, according to engineers' reports. The Richmond - Sunset Sewage Treatment Plant was started October 4, and is expected to take one year to complete. Construction of the connecting sewer is expected to take about four months.

Plans and specifications for the entire project were prepared in the office of City Engineer John J. Casey.

Eleven firms submitted bids for repairing the Evans Ave. Bridge at the weekly meeting of the Department of Public Works Wednesday, although it was the third largest job for which bids were opened by Director Wm. H. Worden.

### Eaton & Smith Low

Low bidder was Eaton & Smith, at \$3966. Other bidders included: Peter Sartorio, \$4719; Fred J. Early, Jr., \$4940; Healy-Tibbitts Con-

## Hemstreet & Bell, Rocca, Maurer Submit Low Proposals on State Bridges, Grading

SACRAMENTO, Nov. 11.—Low bids aggregating approximately \$218,000 for construction of three State Division of Highways contracts in Mendocino and Sutter counties were under consideration here today.

Hemstreet & Bell, Marysville, yesterday submitted the lowest of eleven proposals for grading and surfacing about 4.7 miles in Sutter county, between Tarke and one mile south of Sutter City. Amount of the low bid was \$133,596.

### GOV'T BUILDING ARCHITECT NAMED

Architect Timothy L. Pfeuger of San Francisco has been appointed consulting architect for the United States government's \$500,000 exposition building, to be constructed on Treasure Island for the 1939 Golden Gate International Exposition, according to press dispatches from Washington, D. C.

Advices from the east said that appointment of Mr. Pfeuger as consulting architect was announced by Rear Admiral Christian J. Peoples, director of the Treasury Department procurement division. The building will house federal exhibits at the 1939 world's fair.

struction Co., \$4941; C. C. W. and H. H. Hann, \$5190; Barrett and Hilp, \$5375; E. J. Treacy, \$5605; Frank J. Reilly Co., \$5852; Department of Public Works, Bureau of Building Repair, \$6090.54; A. W. Kitchen and Co., \$751.40, and J. C. O'Leary, \$7660.

The Soule Steel Company, at \$13,431, submitted the only bid for construction of the Bureau of Identification Pent House at the Hall of Justice, largest job for which bids were opened Wednesday.

M. E. Vukicvich, at \$10,491, submitted the low bid for completion of eighteen rooms at Lawton School. Seven firms submitted bids on the job. Other bidders included: Frank J. Reilly Co., \$10,931; Anderson & Ringrose, \$10,968; Adam Arras and Son, \$11,424; Monson Bros., \$11,848; Peter Sartorio, \$12,124, and Grant - Martinelli Const. Co., \$12,124.

### Sutter Grading

Total bids were as follows:

Hemstreet & Bell.....	\$133,596
Fredericksen & Westbrook, Lower Lake .....	135,751
Larsen Bros. & Harms Bros., Sacramento .....	138,571
Union Paving Co., S. F.....	144,233
Poulos & McEwen, Sacra- mento .....	144,297
Basich Bros., Torrance.....	149,282
Hanrahan Co., S. F.....	149,494
Heafey-Moore Co. Oakland	149,500
A. G. Raish, S. F.....	152,099
A. Teichert and Son, Inc., Sacramento .....	153,878
Louis Biasotti and Sons, Stockton .....	165,757

For construction of a reinforced concrete bridge across Jughandle Creek in Mendocino county, low bidder was John Rocca, San Rafael, with a proposal of \$55,046. Total bids on this contract were as follows:

John Rocca, San Rafael....	\$55,046
F. J. Maurer & Son, Inc., Eureka .....	65,436
C. W. Caletti & Co., San Rafael .....	71,185
S. D. Bechtel, S. F.....	79,160
Mercer-Fraser Co., Eureka..	84,730
A. Soda and Son, Oakland....	89,476

### Elk Creek Bridge

F. J. Maurer & Son, Inc., Eureka, at \$33,046 submitted the lowest of seven proposals for construction of a reinforced concrete girder bridge across Elk Creek about 15 miles north of Point Arena, Mendocino county.

Total bids for the Elk Creek bridge were:

F. J. Maurer & Son, Inc.....	\$33,046
Peter J. McHugh, S. F.....	33,161
John Rocca, San Rafael .....	36,100
C. W. Caletti & Co., San Rafael .....	38,174
Valley Const. Co., San Jose ..	38,365
A. Soda & Son, Oakland.....	42,113
Mercer-Fraser Co., Eureka..	42,502

## STATE INVITES BIDS ON FOUR HIGHWAY JOBS

**Bids on Redding Underpass,  
Kern Paving Scheduled  
For December 1st**

SACRAMENTO, Nov. 9.—Bids on four highway and grade separation jobs in Shasta, Kern, Orange and Los Angeles counties today were called by the State Highway Commission. Bids on the two Northern California projects will be opened in Sacramento, December 1; the others will be opened in Los Angeles, Dec. 2.

The first contract calls for grading and paving with asphalt concrete about 19.1 miles of highway between one mile north of Grapevine Station and ten miles south of Bakersfield, in Kern county.

Principal items include: 247,000 cubic yards of unclassified excavation; 23,000 station yards overhaul; 245,000 square yards of preparing subgrade; 1870 tons of liquid asphalt of various grades; 16,500 tons of mineral aggregate plant mix surfacing; 77,650 square yards of preparing, mixing and shaping shoulders and road approaches; 3,475 tons of asphaltic cement, grade E asphaltic concrete; 34,000 pounds of bar reinforcing steel; and 3084 lineal feet of CMP.

### Redding Underpass

The other Northern California job for which bids will be opened in Sacramento, December 1, involves construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Redding in Shasta county.

The contract also calls for grading and paving with Portland cement concrete and crusher-run base and road mix surfacing about 0.79 mile of roadway.

Principal items include: remove and dispose of 1,250 cubic yards of existing concrete pavement; 48,000 cubic yards of unclassified excavation; 6500 cubic yards of structural excavation; 84,000 sta. yds. overhaul; 138,000 pounds of bar reinforcing steel; 2,881 cubic yards of class A Portland cement concrete; 965,000 pounds of structural steel; 95,000 pounds of cast steel, and 67,000 pounds of wrought iron plate.

### Orange Grading

Bids will be opened December 2, in Los Angeles, for construction of drainage structures, excavating ditches and grading 2.4 miles of road approaches between Bitter Point and the north arm of Newport Bay in Orange county.

The contract also calls for applying penetration oil treatment to the graded roadway.

Principal items include: 4500 cu. yds. of unclassified excavation; 4,600 cu. yds. of structural excavation; 27,000 pounds of bar reinforcing steel; 3000 lbs. of steel rail assemblies; 9000 pounds of

## 1939 Fair Exhibit Head Reports Many Displays Planned

Back in San Francisco after a three-week tour of the United States in the interests of the Golden Gate International Exposition, F. M. Sandusky, director of exhibits for the Exposition, was enthusiastic over the 1939 Fair prospects.

"Wherever I went in the East I found business men's eyes turned toward the Pacific Coast," said Sandusky, "and almost all intend to be represented with exhibits at the West's 1939 Exposition."

Sandusky left here three weeks ago for Chicago, Detroit, Akron, and New York for the purpose of opening negotiations with a number of larger exhibitors. His trip, he said, was successful from the point of view of obtaining definite promises of exhibit participation.

"The western territory, I was told, is the nation's fastest growing market," said Sandusky, "and every industry, business, or enterprise with expansion in view thinks first of the territory west of the Rockies."

"The 1939 San Francisco Exposition, therefore, is the focal point of this interest and serves to dramatize, at a minimum of expense, the richness of this western market and its demand for merchandise offered by concerns with national distribution systems."

## State Contractors' Directory Printed

SACRAMENTO, Nov. 7, 1937.—The State "great register" of construction contractors for the fiscal year ending June 30, 1938, is off the State printing plant, it is announced by Registrar of Contractors Earl S. Anderson. The directory is the alphabetical section of a double directory service published annually by the Registrar of Contractors, which consists of both an alphabetical and geographical directory.

miscellaneous iron and steel; and 1520 lineal feet of 36-inch standard reinforced concrete pipe.

### L. A. Project

On the same day bids will be opened in Los Angeles for construction of drainage structures and grading and paving with asphalt concrete the intersection of Firestone boulevard and Santa Fe avenue in Los Angeles county.

Unit prices will be submitted on ten items. Principal items include: 190 cubic yards of structural excavation; 1400 tons of asphaltic concrete; 12,500 pounds of bar reinforcing steel; 55,500 pounds of steel rail assemblies, and 21,000 pounds of miscellaneous iron and steel.

## FEATHER RIVER P. G. & E. DAM PLAN MODIFIED

**Three Dams Now Proposed;  
Firm Agrees to Relocate  
Cresta Structure**

The number of dams to be constructed under plans of the Pacific Gas & Electric Company's proposed generating expansion program has been reduced to three, Vice-President Paul Downing of the utility company reported to the State Department of Public Works this week.

The firm has decided to build only three dams instead of the originally projected six, and will absorb all power generated as a result of its Feather River program, the official reported, following a meeting with state officials.

State Director of Public Works Earl Lee Kelly previously had declared the department would not object to the company's plan if it were demonstrated that no damage to state highways will result, and that power production will not interfere with plans for selling power generated at Shasta Dam, which the Federal Bureau of Reclamation will construct near Redding.

### Dam Locations

Mr. Downing reported that the plans now called for construction of dams at Cresta, Fulga and Poe.

It has been agreed to relocate the Cresta power house near Grizzly Dome in order to avoid any flooding of tunnels on the adjoining state highway, according to officials.

Mr. Downing said the dams will be finished before power developed at Shasta will be available. The P. G. & E. application now is pending before the Federal Power Commission.

## Examination Dates Postponed by Board

The date for examinations for certificates to practice architecture in California, previously scheduled for December 6, 7, 8, and 9, has been changed to December 13, 14, 15 and 16, according to Secretary Harry J. Devine of the State Board of Architectural Examiners, Northridge District.

The examinations will be held in Architectural Building at the University of California in Berkeley.

Registration fee, according to Mr. Devine, is \$15, and must be filed at the San Francisco office of the board not later than November 22. Further details may be secured from the board office, room 503, State Building Annex, 450 McAllister street, San Francisco. The telephone number at the board office is Underhill 8700, Local 315.

## SCHEDULE BIDS ON COMPLETION OF COULEE DAM

**Bureau of Reclamation to Open  
Proposals in Spokane  
December 10**

Bids for completion of Grand Coulee Dam and power plant will be opened at the Reclamation Bureau's Spokane, Wash., office December 10, it was announced this week.

One of the largest construction contracts ever advertised by a U. S. government agency, the project will bring the dam to its full height.

Work included in the new contract will involve manufacture and placement of 5,800,000 cubic yards of concrete, more than 1,500,000 cu. yds. in excess of the total volume of concrete which went into Boulder Dam. It included placement of about 158,000,000 pounds of steel in the permanent structure, as follows: 50,000,000 pounds of gates, and operating devices; 50,000,000 pounds of reinforcement steel; 10,000,000 pounds of pipe and fittings; 24,000,000 pounds of trash-rack metal work; 16,000,000 pounds of penstock metal work; 8,000,000 pounds of cranes and miscellaneous metal work. It also includes about 340,000 cubic yards of excavation.

### 1,460 Days Allowed

Despite the fact that the mass of masonry to be placed under the contract greatly exceeds that which went into the construction of the Great Pyramid of Egypt, the successful contractor will be allowed only 1,460 calendar days to complete the job after he is notified by the Bureau to proceed.

Bidders will be required to be prepared to post a performance bond, in event they receive the contract, of \$5,000,000. Performance bonds in this sum have been required in the past only of the successful bidders for construction of Boulder Dam and the foundation of the Grand Coulee Dam. In addition they must be prepared to post a payment bond of \$2,500,000, one of the largest on record. The payment bond required under the Bacon-Davis Act is an assurance against default of labor and material bills.

### Power Plant

The work for which bids are now being invited includes completion of Grand Coulee Dam to its full height, construction of the power plant on the west bank of the river, a dam to protect the pumping plant and the foundation of the pumping plant, which, in future, will raise waters from Grand Coulee Dam Reservoir to the balancing reservoir in the Grand Coulee itself for irrigation of the Grand Coulee Basin.

The contractor will not be required to purchase cement, steel, machinery and power house equipment which will go into the perma-

## HICKAM FIELD BARRACKS BIDS ARE SCHEDULED

**Barracks, Warehouse Proposals to Open December 15;  
Quarters December 1**

Plans for making Hickam Field, T. H., America's key defensive station in the Pacific made another advance last week as bids were called, to be opened December 15, for construction of two barracks and a warehouse.

The action followed the call for bids November 2 for construction of quarters estimated to cost \$1,000,000. Bids for the quarters will be opened December 1.

Plans for the barracks and warehouse call for construction of four 132-man Air Corps Barracks, one 200-man Air Corps Barracks and one Quartermaster warehouse, together with appurtenances.

### Plans Available Here

Plans and specifications for the structures may be obtained from the Constructing Quartermaster at Fort Mason, upon deposit of \$20. Bids will be opened at 1:30 P. M., December 15.

Bids were called, to be opened December 1, earlier in the week for construction of quarters.

Largest item in the \$1,000,000 project will be construction of 39 sets of Field and Company Officers' quarters at an estimated cost of \$509,000. Thirty-nine buildings are involved.

Plans also call for construction of 42 sets of N.C.O. quarters at an estimated cost of \$352,000. Construction involves 37 buildings.

Bids will be received by the Constructing Quartermaster, Fort Mason, or the Purchasing and Contracting Officer, Hickam Field, December 1. Plans and specifications may be obtained from either office upon deposit of \$10.00.

## Bids November 24 On \$80,000 School

Bids for construction of the \$80,000 first unit of Whittier Elementary School addition will be opened November 24. The Berkeley Unified School District announced yesterday. Plans were prepared by Architects P. L. Dragon, C. R. Schmidt, B. R. Hardman and G. Officer, Structural engineer on the project is William Adrian.

The \$80,000 addition will contain an auditorium, a cafeteria and five classrooms. A second unit of the project to house classrooms and offices will be constructed next June, it is announced.

ent structure, but will be required to install this material with the exception of the power house equipment which will be installed by the Bureau of Reclamation.

## PETALUMA ASKS BIDS FOR TWO PWA PROJECTS

**Council Advertises Sewers,  
Fire Station Following Final  
Approval of Plans**

Bids for construction of the Petaluma sewer system will be opened November 30, it was announced this week. The city council took steps to advertise the project immediately following approval of plans and specifications by the Public Works Administration.

The project will be financed in part by a PWA grant of \$142,100, and will cost in its entirety about \$315,800, it is estimated.

The project includes construction of intercepting sewers, river crossing, storm water sewer separation, sewage pumping plant, and sewage treatment plant.

Harry N. Jenks of Berkeley, consulting engineer for the Petaluma sewer project, said yesterday that another sewer job for which he is consultant, that at Placerville, will be out for bids shortly.

### Fire Station

The Petaluma city council also has advertised for bids on its second project of the new PWA program, the \$36,500 fire station.

To be located at the northerly corner of D and Second streets, the station will be a one-story frame and stucco building, with steel roof trusses and columns. Bids will be opened November 26.

Plans for the fire station were prepared by Architect Brainerd Jones of Petaluma, with C. Jefferson Sly of San Francisco, as structural engineer.

The Petaluma projects were the latest in a flood of Northern California jobs which final approval by PWA has placed on the market. In addition to a number of school projects, the \$80,000 Santa Cruz city hall went out for bids this week. They will be opened December 6. C. J. Ryland is architect.

## BATCHELDER RECEIVES INSULITE PROMOTION

E. H. Batchelder, Jr., has been elected senior vice-president of the Insulite Company, according to President R. H. M. Robinson.

Mr. Batchelder will direct the affairs of the company in all departments, reporting directly to the president, it is announced. He will make his headquarters in Minneapolis, Minn.

## SMITH, EMERY REPORT LARGE COMMISSIONS

Smith, Emery and Company, Inspection Engineers, 451 Howard street, report that among the more important commissions recently assigned to them is one for the inspection of 10,000 tons of one half inch steel plates, 22x8 feet, for the Metropolitan Water District.

## CONFERENCE ON ZONE PROBLEMS SET BY ICKES

City, County, State, Federal  
Groups to Meet in  
Washington

A nation-wide zoning conference to be held in Chicago on December 13 and 14 was called today by Secretary of the Interior Harold L. Ickes, acting as Chairman of the National Resources Committee.

The Committee hopes that representatives of city and county zoning commissions and planning boards as well as State Planning Boards, Federal Bureaus and unofficial groups will attend.

The purpose of the Conference is to consider zoning problems and practice at all levels of government in the hope that general adoption of modern and practical methods may be stimulated. All phases of the question will be discussed by experts in the various fields.

In announcing the Conference Secretary Ickes said:

### Discussion Needed

"A demand for a thorough reconsideration of zoning problems has existed for some time.

"In the urban field most zoning ordinances are from ten to fifteen years old and a great number of communities are contemplating revision in the light of recent knowledge and experience. A zoning conference can be a great help to these communities and to others who may decide upon revisions in the future through frank discussion of common problems and ways to meet them.

"While rural zoning is a comparatively new field there are many problems of better land use concerning which it will be valuable to define objectives and policies.

### Flood Regions

"Another subject which will come in for serious discussion is the desirability of zoning of flood plains for the prevention of unwarranted investments some of which might lead to further demands for flood protection at public expense.

"In short, the Conference will endeavor to give impetus to a sustained national interest in the full development of communities along proved and practical lines."

After a two-day discussion of the general subject a final discussion of the Conference on rural, urban, flood, plain and recreational zoning and will present "a positive program for zoning."

The first structure of the 1939 Golden Gate International Exposition on San Francisco Bay to be completed framed is the "Hall of the Mineral Empire." This structure, which opens directly off the main court, is 200 feet wide and 415 feet in length.

## Deschutes Project Construction Wins Approval of Bureau

Secretary of Interior Harold L. Ickes this week announced that the President had approved the Department's finding that the Deschutes Federal Reclamation project near Madras, Ore., is feasible.

The finding of feasibility and its approval by the President is required under Reclamation law prior to commencement of actual construction of a new project.

The Deschutes project was adopted by the Congress last year when an appropriation of \$450,000 for commencement of its construction was included in the Interior Department Appropriation Bill for the fiscal year 1937. This money was continued available for the fiscal year 1938, although no new appropriation was made this year, since the project had not yet been started.

### Wickiup Dam

The Deschutes project is designed to provide irrigation water for 50,000 acres of dry but fertile lands immediately north of Madras, on the east side of the Deschutes River in central Oregon. The principal engineering features of the project, as now planned, include Wickiup Dam and reservoir on the Deschutes River, designed to conserve and divert 209,000 ac-ft. of water, a main canal extending from Bend, north for 65 miles, to the Agency Plains near Paxton, a steel siphon, 7,660 feet long, near Terrebonne, across the Crooked River, smaller canals and laterals and other canal structures.

The Wickiup Dam, as now proposed, would be located 40 miles above Bend and would be an earth embankment, 83 feet high and 3,100 feet long, with auxiliary dikes on either side, one 14,900 feet long, the other 3,600 feet.

The main canal would be located largely through rock cuts and would require considerable concrete and gunite lining.

The estimated cost of the Deschutes project is \$8,000,000. Work estimated to cost slightly in excess of \$2,000,000 and including clearing the reservoir, which will cover 11,200 acres, and lining the canals, preparing concrete aggregates, etc., will be done by Civilian Conservation Corps men.

### Balance Repayable

The remainder of the cost of the project will be repayable in forty years by water users on the project lands.

Most of the 50,000 acres to be irrigated in times past have been cultivated, with grain crops predominating, in years of better rainfall. Houses and barns still dot the area, although most of them are unoccupied. The few who have managed to remain on the land have done so only through outside assistance. Weather re-

## A.G.C. CHAPTER PLANS DETAILS OF CONVENTION

Plans for the coming convention of the Northern California chapter, Associated General Contractors, to be held in San Francisco December 17 and 18, indicate it will be the "biggest and best" ever, according to Secretary-Manager Floyd O. Booe.

Back from Washington, D. C., where he attended the Fall board meeting of the national A.G.C., Mr. Booe was busy with preparations for the two-day convention next month.

According to present plans, the entire business session of Friday afternoon, December 17, will be devoted to labor relations, including thoroughgoing discussion of agreements and other aspects of the topic, so vital at the present moment.

### To Name Committees

Convention committees on nominations, resolutions and others also will be appointed at the Friday session, which will be a closed meeting for members only.

An outstanding program is being formulated for the Saturday morning sessions, with prominent speakers outlining work in prospect for the coming year and reviewing that achieved during the past year. Officers for the next year will be elected Saturday.

The convention banquet - dance will be held Saturday night, December 18, in the Palm Court of the Palace hotel, and present indications are that between 700 and 800 couples will be in attendance.

Regular convention sessions will be held in the California Room of the Palace hotel, Mr. Booe said.

ords show conclusively that the area can not be farmed permanently without irrigation.

The people residing in the area have organized and approved a tentative repayment contract.

### Land Division

Lands of the project will be divided into single family farm units. Present owners will be permitted to retain 40 acres for a single man or 80 acres for a family. The remainder of their holdings will be appraised by the Government and its sale required, at the appraised price, to new settlers.

John C. Page, Reclamation Commissioner, said that the lands embraced in the project include only the best in the area. Rough lands and poor soils have been eliminated. That remaining can easily be prepared for effective application of water. Properly prepared and properly cultivated, good yields of all crops grown in that locality are assured. With settlers carefully selected and suitably equipped for the new venture, success of the Deschutes project reasonably may be anticipated.



## ADVERTISE DAM, CANAL PROJECT

Bids for construction of Las Viboras dam and canals will be opened November 22, directors of the Pacheco Pass Water District have announced. Proposals will be received at the office of the board's secretary, L. G. Barrett, in the Bank of America building, Hollister.

In addition to excavation and embankment for the dam, the job involves about 46,000 square feet of two-inch concrete canal lining and a number of incidental items.

## Fischer Appointed Bonneville Counsel

J. D. Ross, Administrator of the Bonneville project, last week announced the appointment of John G. Fischer of Washington as general counsel.

Judge Fischer, who has been Mr. Ross' personal counsel in Washington for the last five years, recently resigned as a member of the United States Board of Veterans Appeals to which he was appointed by President Roosevelt in 1933. Before joining the Veterans Service he was Special Assistant to the Commissioner of Fisheries and served as counsel for various public power organizations.

Judge Fischer was Mayor of Eldora, Colo., in 1920 and 1921 and Assistant Deputy Prosecuting Attorney of Boulder, Colo., in 1921 and 1922. He is a graduate of the Universities of Washington and Colorado. His home is in Seattle, Wash. He is married and has one child.

The Bonneville Authority was created in the Department of the Interior at the last session of Congress for the purpose of handling the power produced at the Bonneville Dam on the Columbia River near Portland, Oregon.

## CATALOG LISTS STORE LIGHTING LUMINAIRES

Direct-indirect lighting for store interiors with Storlite luminaires is the subject of a catalog section recently published by the Westinghouse Electric and Manufacturing Company. Described are the two styles available, the plastic louvers for directing the light and shielding the lamp, construction, light distribution curve and average lighting intensities for various spacings and mounting heights. Copies of the publication are available from the Lighting Division, Westinghouse Electric & Manufacturing Co., Cleveland, Ohio.

San Francisco's 1939 World's Fair will be located on an island in the harbor, within sight of \$110,000,000 worth of bridges—the two greatest in the world.

## Clay Products Residence Design Awards Announced; Calif., N. Y. Architects Lead

Awards have been made to more than forty architects and designers by Structural Clay Products Institute, Inc., Washington, D. C., as prizes and honorable mentions in a group of competitions for designs and photographs of brick and structural clay tile houses. George D. Conner, architect, of Washington, D. C., won \$500 first prize for an original small house of five rooms and bath. Atwell John King of

New York City won first prize of \$500 for his design of a seven room house and also took second prize of \$250 in the small house group. Walter E. Conklin, architect, of Decatur, Georgia, won first prize of \$250 for photographs and plans for a completed house of seven rooms; and T. H. Buell Co., architects of Denver, Colorado, were awarded first prize of \$200 for a group of monumental buildings notable for their excellent architectural detail in brick and clay masonry.

### Jury Members

Dwight James Baum, F.A.I.A., internationally noted architect of New York served as chairman of the jury which made the awards. Architectural members included Louis La Baume, F.A.I.A. of St. Louis, William Stanley Parker, F. A. I. A., of Boston (both past vice-presidents of the American Institute of Architects) and D. K. Este Fisher, Jr., A.I.A., of Baltimore. Herbert U. Nelson, secretary of the National Association of Real Estate Boards, Chicago, and W. C. Miller, real estate developer of Washington, D. C., served as realtor members of the jury to check the sales value and popular appeal of the designs entered.

Federal Housing Administration authorities consider Geo. D. Conner's prize-winning design to be an exceptionally fine example of an economical, soundly planned house of good quality. Arrangements are being made for the erection of this model house in many cities throughout the United States. Of this house, the Jury's report says: "A beautifully studied small house, simple and compact in plan with rooms well arranged, economical to build. The garage is well placed for front entrance type, and has a shielded and covered entry for inclement weather. All wall elevations are well studied, simple, good American architecture, expressing best taste in the use of brick and clay masonry."

### Modified Georgian

This house has a living room, dining room and efficient kitchen on the ground floor, and two bed room and one bath on the second. Space in the basement is reserved for a recreation or hobby room. Closets are of correct shape and adequate size. The style is modified Georgian or Colonial in spirit but would fit well in almost any neighborhood. It can be developed in dark or light colored masonry using solid or hollow brick construction or structural clay (hollow) tile faced with brick.

Entries were received from nearly every state and awards were made to architects and designers in sixteen states and the District of Columbia. New York and California divided first honors with seven awards each. The complete list of entries follows:

Competition for design of original small clay masonry houses: First prize \$500, George D. Conner, 5714 Chevy Chase Parkway, Washington, D. C.; second prize \$250, Atwell John King, 601 W. 140th Street, New York, N. Y.; third prize \$100, Earl F. Cleland, 45 E. Patterson Ave., Columbus, Ohio. Honorable mentions, each carrying awards of \$50 were given designs by L. C. Cavitt, Jr., Wichita, Kansas; J. F. Dworski, Detroit, Michigan; Harold H. Ehler, Detroit, Michigan; Arthur B. Gallian, Berkeley, Calif.; Jack D. Gilchrist, Santa Barbara, Calif.; Charles E. Haupt, Washington, D. C.; Ralph E. Hohlt, St. Louis, Mo.; J. E. Miller, Chicago, Ill.; John P. Morgan, Philadelphia, Pa.; Hayward Peirce, Arlington, Mass.

### Medium-Sized Houses

Competition for design of medium-sized houses of clay masonry: First prize \$500, Atwell John King, 601 W. 140th St., New York, N. Y.; second prize, \$250, Sherman Patterson, 6822 McPherson Boulevard, Pittsburgh, Pa.; third prize, \$100, C. J. Padereewski, 1904 Edgemont St., San Diego, Calif. Honorable mentions with \$50 each: Raymond Bassel, Collegeville, Minn.; J. F. Dworski, Detroit, Mich.; Ferdinand Eiseman, New York, N. Y.; James J. Fitzsimmons, Springfield, Mass.; Robert A. Helsler, Cincinnati, O.; Ralph R. Hohlt, St. Louis, Mo.; Jack Hollabough, Wichita, Kans.; Homer Kiessling, Boston, Mass.; John M. Lachin, New Orleans, La.; James W. Rice, Los Angeles, Calif.

## SHEET METAL MEN AND PLUMBERS MOVE OFFICE

A change of address is announced by the Master Plumbers Association and the Sheet Metal Contractors' Association of Stockton. Beginning today the offices of both As-ociations will be at Room 218, The Elks Building, in Stockton.

Improved business conditions and need for larger quarters, are given as reasons for the change by E. H. Grogan, secretary manager of the Master Plumbers' Association of Stockton.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
123	Bank Amer.	Capital	4000
124	Lam	Aetna	2000
125	Rio Grande	Stolte	5000
126	Smith	Laguens	3500
127	Stephenson	Marshall	3800
128	Aird	Papenhausen	5000
129	Bardini	Soracco	2500
130-1	Christensen	Owner	5000
132-7	Galli	Owner	3500
138	Goldberg	Mattock	1000
139	Hoyman	Owner	4500
140	Johnson	Owner	1000
141	Lachman	Owner	3000
142	Nelson	Owner	2000
143	Page	Owner	3500
144	Filcovich	Owner	1000
145	Pinto	Mission	9000
146	Postag	Aetna	1000
147	Andersen	Owner	4000
148	Anderson	Owner	4000
149	Stonson	Owner	5500
150	Bertsch	Barrett	4000
151	Jensen	Jensen	1200
152	Nelson	Owner	4500
153	Patton	Sharman	8000

### ALTERATIONS

(123) 1390 MISSION ST. Alter of-  
fice.

Owner—Bank of America, 1 Powell  
Street.

Contractor—Capital Co., 625 Market  
St.

Architect—L. F. Hendy, 625 Market  
St.

Engineer—L. H. Nishkian, Under-  
wood Bldg. \$4000

### ALTERATIONS

(124) 1018 CLAYTON ST. Alter  
dwelling.

Owner—E. Laim, c/o Architect.

Contractor—Aetna Constr. Co., 1730  
24th Ave.

Architect—F. F. Amandes, 414 Devey  
Blvd. \$2000

### SERVICE STATION

(125) SW 26TH AVE. AND JUDAH  
ST. Service station.

Owner—Rio Grande Oil Co., 400 Din-  
nois St.

Contractor—F. C. Stolte Co., 1405  
San Antonio Ave., Alameda.

Architect—Not Given. \$5000

### DWELLING

(126) W 48TH AVE., 100 S LIN-  
COLN WAY. One-story & basement  
frame dwelling.

Owner—Calvin H. Smith, c/o 2195  
Mission St.

Contractor—Laguens & Larsen, 369  
Ashton Ave.

Architect—Not Given. \$3500

### ALTERATIONS

(127) 592 CLAY ST. Alter dwell-  
ing.

Owner—J. Stephenson, Prem.

Contractor—F. S. Marshall, 909 Ash-  
bury St.

Architect—W. W. Wurster, 245 Cal-  
ifornia St. \$3500

### DWELLING

(128) N PALO ALTO ST. 290 E G...  
One-story and basement  
frame dwelling.

Owner—B. W. E. Aird, 1495 Wilbur  
Contractor—H. P. Johnson, 555 V...  
Toma St.

Architect—W. W. Wurster, 245 Cal-  
ifornia Street. \$3000

### ALTERATIONS

(129) 141 SHRAEDER Street. Alter  
flats.

Owner—J. Bardini premises

Contractor—F. A. Soracco, 127 30th  
Street.

Architect—Not Given. \$2,500

### FLATS

(130) S JUDAH SS. 41 E 21st Ave.  
Two-story and basement frame  
flats.

Owner and Builder—Herman Chris-  
tensen 1801 19th Ave.

Architect—C. O. Clausen 746 46th Av-  
enu. \$5000

### FLATS

(131) SE 21st AVE. and Judah St.  
Two-story and basement frame  
flats.

Owner and Builder—Herman Chris-  
tensen 1801 19th Ave.

Architect—C. O. Clausen 746 46th Av-  
enu. \$5000

### DWELLING

(132) W 21st AVE. 200 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### DWELLING

(133) W 21st AVE. 150 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### DWELLING

(134) W 21st AVE. 250 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### DWELLING

(135) W 21st AVE. 225 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### DWELLING

(136) W 21st AVE. 275 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### DWELLING

(137) W 21st AVE. 175 S Ortega St.  
One - story and basement frame  
dwelling.

Owner and Builder—R. F. Galli 377  
West Portal Avenue.

Architect—E. H. Denke 1317 Hyde  
Street. \$3500

### GARAGE

(138) 1799 WASHINGTON ST. rear  
One-story frame garage.

Owner—John Goldberg premises.

Contractor—A. F. Mattock Co., 212  
Cara Street.

Architect—Hyman and Appleton 65  
P St Street \$1,600

### DWELLING

(139) NW SILVER AVE and Colby  
Street. One-story and basement  
frame dwelling.

Owner and Builder—Hovman Bros  
742 Market Street.

Architect—Not Given. \$4,500

### FLATS

(140) W STANYAN 309 N Turk St.  
Two-story frame flats.

Owner and Builder—Peder F. John-  
son, 157 Stanyan St.

Architect—Not Given. \$1,000

### ALTERATIONS

(141) 2001 MISSION ST. Alter bank  
Owner—Lachman Inv. Co., 2019 Mis-  
sion Street.

Architect—Not Given. \$3,000

### DWELLING

(142) SW FRANCIS 375 NW Mis-  
sion St. One-story and basement  
frame dwelling.

Owner and Builder—Fernando Nel-  
son & Sons, 2901 19th Avenue.

Architect—Not Given. \$2,000

### DWELLING

(143) NE VILLA TER. 72 SE Pem-  
berton Blde. One-story & base-  
ment frame dwelling.

Owner and Builder—E. J. Page, 899  
Green Street.

Architect—Not Given. \$3,500

### ALTERATIONS

(144) 572 HILL ST. Alter flats.

Owner and Contractor—A. Filcovich,  
572 Hill St.

Architect—Not Given. \$1,000

### STORES

(145) E WEST PORTAL AVE. 223  
S Vicente. Two - story frame  
stores.

Owner—Jos. P. Pinto, 25 State Street  
Contractor—Mission Concrete Con-  
Co., 272 Turk Street.

Architect—Harold G. Stoner, 35 Vi-  
cente Street. \$9,000

### ALTERATIONS

(146) 1652 GUERRERO ST. Alter  
social room.

Owner—B. Postag, c/o contractor.  
Contractor—Aetna Const. Co., 1730  
24th Avenue.

Architect—Not Given. \$1,000

### DWELLING

(147) W 31st AVE. S Judah St. One-  
story and basement frame dwell-  
ing.

Owner—C. Andersen, 146 Granville  
Way.

Architect—Not Given. \$4,000

### DWELLING

(148) E 31st AVE. 275 N Taraval.  
One - story and basement frame  
dwelling.

Owner and Builder—N. W. Anderson,  
2427 24th Avenue.

Architect—Not Given. \$4,000

### DWELLING

(149) W BEACHMONT DR. 182 S  
Sloat Blvd. Two-story and base-  
ment frame dwelling.

Owner and Builder—Stonson Bros.,  
1 Sloat Blvd.

Architect—Harold G. Stoner, 251  
Kearny Street. \$5,500

### SHOP

(150) W THIRD ST. 206 N 26th St.  
One-story frame shop.

Owner—Lester Bertsch, 819 Bryant  
Contractor—Barrett & Hill, 918 Har-  
rison Street.

Architect—Not Given. \$4,000

### ALTERATIONS

(151) 1549 GREEN ST. Alter dwell-  
ing.

Owner—C. V. Jensen, 2549 Green St.  
Contractor—G. P. W. Jensen & Sons,  
In. 329 Market St.

Architect—Not Given. \$1,200

**DWELLING**  
 (152) 1 NW OCEAN AVE. and 20th Ave. One - story and basement frame dwelling.  
 Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.  
 Architect—Not Given. \$4,500

**FLATS**  
 (153) S CHESTNUT ST. 55 W Buchanan. Two-story and basement frame flats.  
 Owner—W. Patton, c/o contractor.  
 Contractor—Thos. R. Sbarman, 3700 Broderick St.  
 Architect—Not Given. \$8,000

**ALAMEDA COUNTY**

No.	Owner	Contractor	Am't.
250	Davies	Dawe	4500
251	Madison	Owner	1000
252	Amey, Conc.	Owner	1500
253	Fleming	Owner	5500
254	Griffith	Griffith	3500
255	Hauser	Owner	1400
256	Heraty	Jensen	2100
257	Ginochio	Luoma	3500
258	Fussler	Muller	5000
259	Anthony	Wright	1500
260	Dailey	Moore	1000
261	Schreiber	Haulman	7000
262	Brown	Owner	3300
263	Curtis	Owner	2000
264	Darling	Owner	3500
265	Jurgens	Owner	5000
266	Fidelity	Johanson	5000
267	Fredricksen	Owner	4500
268	Perbel	Owner	3500
269	Neilson	Peary	1400
270	Spenger	Suenderman	1000
271	Williams	Owner	2500
272	Alameda Co.	Holyoake	17000
273	Bank America	Owner	12000
274	Doran	Hastings	3600
275	Hugo	Owner	3000
276	Jurasek	Slater	2392
277	Lighthouse	Owner	3000
278	Montovan	Furn. Spec.	1000
279	New Century	Owner	8500

**DWELLING**  
 (250) 1415 SACRAMENTO, BERKELEY. Two-story 6-room frame dwelling and garage.  
 Owner—C. E. Davies, 69 Menlo Pl.  
 Contractor—Leslie C. Dawe, 449 Coventry Road.  
 Architect—W. C. See, 1049 Monterey. \$4,500

**STUDIO**  
 (251) 1517 LE ROY, BERKELEY. One-story 1-room studio.  
 Owner & Builder—C. R. Madison, Prem.  
 Architect—Not Given. \$1000

**OFFICE**  
 (252) 787 85TH AVE., OAKLAND. One-story office.  
 Owner & Builder—American Concrete & Steel Pipe Co., 19th Ave. and Estuary.  
 Architect—Not Given. \$1500

**DWELLING**  
 (253) 5499 GOLDEN GATE AVE. One-story 6-room dwelling.  
 Owner & Builder—John Fleming, 2248 Coloma St.  
 Architect—Not Given. \$5500

**DWELLING**  
 (254) 1326 99TH AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—Warren B. Griffith, 1350 99th Ave.  
 Contractor—C. W. Griffith, 1350 99th Ave.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (255) 3028 E. 17TH ST., OAKLAND. Alterations.  
 Owner & Builder—W. H. Hauser, Prem.  
 Architect—Not Given. \$1400

**DWELLING**  
 (256) 325 CAPRICORN AVE., OAKLAND. One-story 4-room dwelling.  
 Owner—Phil Heraty, 458 Fairbanks Ave.  
 Contractor—H. K. Jensen, 2757 Rawson St.  
 Also 1st ry garage, \$150.  
 Architect—Not Given. \$2100

**DWELLING**  
 (257) 2916 NEWBURY, BERKELEY. One-story 6-r m frame duplex 2nd garage.  
 Owner—J. B. Ginochio, 676 45th St., Oakland.  
 Contractor—E. J. Luoma 2317 Browning, Berkeley.  
 Architect—Not Given. \$3,500

**DWELLING**  
 258 3014 HYDE ST., OAKLAND. One-story 4-room dwelling.  
 Owner and Builder—Walter Pressler, 1429 Excelsior Ave., Oakland.  
 Architect—Not Given. \$5,000

**ALTERATIONS**  
 (259) 1119 TENTH ST., OAKLAND. Alterations.  
 Owner—Stephen Anthony, premises.  
 Contractor—G. R. Wright, 1949 E 13th St., Oakland.  
 Architect—Not Given. \$1,500

(290) 761 LONGRIDGE RD., OAKLAND Repairs.  
 Owner—F. H. Dailey.  
 Contractor—John J. Moore Co. 354 Hobart St., Oakland.  
 Architect—R. H. C. Key, 354 Hobart St., Oakland. \$1,000

**DWELLING**  
 (261) 1931 MELVIN ROAD, OAKLAND. Two-story 3-room dwelling.  
 Owner—G. A. Schreiber, 3315 Champion St., Oakland.  
 Contractor—P. Royal Haulman, 1243 Broadway Alameda.  
 Architect—Not Given. \$7,000

**DWELLING**  
 (262) 5042 CALAVERAS AVENUE, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—L. R. Brown, P.O. Box 456 Walnut Creek.  
 Also 1-story garage, \$150.  
 Architect Not Given. \$3300

**ADDITION**  
 (263) 422 84TH AVE., OAKLAND. Addition.  
 Owner & Builder—C. C. Curtis, Prem.  
 Architect Not Given. \$2000

**DWELLING**  
 (264) 2710 18TH AVE., OAKLAND. One-story 3-room dwelling.  
 Owner & Builder—Erwin Darling, 2710 18th Ave.  
 Architect—Not Given. \$3500

**ALTERATIONS**  
 (265) 427 11TH ST., OAKLAND. Alterations.  
 Owner—Jurgens Co., Prem.  
 Contractor—F. A. Muller, 1416 Jefferson St.  
 Architect—Not Given. \$7000

**DWELLING**  
 (266) 1214 14TH ST., OAKLAND. One-story 3-room dwelling.  
 Owner—K. A. Johnson, 2057 W. 29th St.  
 Also 1-story garage, \$200.  
 Architect—Not Given. \$3500

**DWELLING**  
 (267) 427 HARDING WAY, OAKLAND. One-story 6-room dwelling.  
 Owner & Builder—Karl S. Fredrick-

son, 1871 Tiffin Road.  
 Architect—Not Given. \$4500

**DWELLING**  
 (268) 4159 FRUITVALE AVENUE, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—C. O. Perbel, 4276 Fruitvale Ave.  
 Architect—Not Given. \$3500

**RESTAURANT**  
 (269) 615 GILMAN, BERKELEY. One-story 2-room restaurant.  
 Owner—J. S. Neilson, 725 Wellesly Ave., Berkeley.  
 Contractor—Peary & Grantham, 268 Market St., San Francisco.  
 Architect—Not Given. \$1,400

**MOVE BLDG., ETC.**  
 (270) 1915 4th ST., BERKELEY. Move building, etc.  
 Owner—F. Spenger, 1915 4th St., Berkeley.  
 Contractor—Suenderman Co. 921 University Ave., Berkeley.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (271) 2007 ROSE ST., BERKELEY. Owner and Builder—Bank of America, 1 Powell St., San Francisco.  
 Plans by Capital Co., 1 Powell St., San Francisco. \$12,000

**ALTERATIONS**  
 (272) 1236 18th ST., OAKLAND. Alterations.  
 Owner—Alameda County (Detention Home).  
 Contractor—A. R. Holyoake, Hayward.  
 Architect—E. T. Foulkes, 357 12th St., Oakland. \$17,700

**ADDITION**  
 (273) 7335 FOOTHILL BLVD., OAKLAND. Addition.  
 One-story 5-room frame dwelling.  
 Owner and Builder—R. H. Williams, 2009 Rose St., Berkeley.  
 Architect—Not Given. \$2,800

**DWELLING**  
 (274) 6236 ASPINWALL RD., OAKLAND. One-story 4-room dwelling.  
 Owner—Robert E. Doran.  
 Contractor—G. A. Hastings, 1963 89th Ave., Oakland.  
 Architect—Alfred C. Williams, 2905 Dwight Way, Berkeley. \$3600

**DWELLING**  
 (275) 4727 TOMPKINS AVE., OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—Albert Hego, 935 Santa Clara Ave., Alameda.  
 Architect—Not Given. \$3,000  
 Also 1st ry garage, \$250.

**STORE**  
 (276) 2600 73rd AVE., OAKLAND. One-story 3-room dwelling.  
 Owner—Frank Jurasek 2606 73rd Avenue, Oakland.  
 Contractor—H. Slater, 339 17th St., Oakland.  
 Architect—Not Given. \$2,392

**DWELLING**  
 (277) 1272 62nd AVE., OAKLAND. One-story 3-room dwelling.  
 Owner—R. J. A. A. and M. M. Lindgren, 2968 87th Ave., Oakland.  
 Architect—Not Given. \$3,000

**ALTERATIONS**  
 (278) 1272 BROADWAY OAKLAND. Alterations.  
 Owner—C. A. Slater and J. Man-  
 oyan, 1109 11th Ave., Oakland.  
 Contractor—Francisco Specialty Co., 1410 Hill Ave., Oakland.  
 Architect—Not Given. \$1,000

WAREHOUSE  
(279) 3526-34 ADELINE ST., OAK-  
LAND. One-story warehouse.  
Owner and Contractor—New Century  
Beverage Co., 3521 Chestnut St.,  
Oakland.  
Architect—Not Given. \$8,500

### BUILDING CONTRACTS SAN FRANCISCO OCCUANTY

No. 205	Contractor	Amt.
205	Goldberg Duerner	22139
206	Larsh Gladstone	14000
207	P T & T Co Jacks	1531
208	Aird Papenhausen	8726

### DWELLING

(205) N. CAMINO DEL MAR, 44 W  
STATION 2, SUBDIVISION NO.  
3 OF SEA CLIFF. Two-story &  
basement frame dwelling.  
Owner—R. S. and A. Goldberg.  
Architect—F. F. Amandes.  
Contractor—Will Duerner, Jr., as  
Acting Contr. Co.  
Filed Nov. 4, '37. Dated Oct. 16, '37  
Floor joists \$2,767.00  
Frame sheathed 2,767.75  
Plastered 5,534.75  
Completion 5,534.75  
Usual 35 days 5,534.75  
TOTAL COST, \$22,139

Bond, \$11,100. Sureties, Warden  
Bros. and Herbert A. Norman. Lim-  
it, 120 days. Plans and specifica-  
tions filed.

### DWELLING

(206) S. CHESTNUT, 85 E HYDE.  
Two-story and basement frame  
dwelling and garage.  
Owner—Herbert G. Larsh.  
Architect—Farr & Ward.  
Contractor—D. B. Gladstone.  
Filed Nov. 4, '37. Dated Nov. 2, '37  
75% each month.  
25% usual 35 days.  
TOTAL COST, \$14,000  
Plans and specifications filed.

### ADDITIONS & ALTERATIONS

(207) 1045 CAPP ST. Additions and  
alterations to 4th floor of office  
building.  
Owner—Pacific T. & T. Co.  
Architect—Not Given.  
Contractor—Jacks & Irvine.  
Filed, Nov. 5, '37. Dated, Oct. 19, '37.  
Completion 75%  
40 days after 75%  
TOTAL COST, \$1,551

Bond, \$1,531. Sureties, Pacific In-  
demnity Co. Limit, 15 days. Plans  
and specifications filed.

### DWELLING

(208) LOTS 48 and 49 Blk 16, Clar-  
endon Heights. One-story and  
basement frame dwelling.  
Owner—Ellenor Collins Aird and R.  
E. Aird.  
Architect—William W. Wurster.  
Contractor—Henry F. Papenhausen.  
Filed, Nov. 8, '37. Dated, Nov. 3, '37.  
Frame up \$218.74  
Plaster on 218.74  
Usual 35 days 4363.47  
TOTAL COST, \$8,726.95  
Plans and specifications filed.

### BUILDING CONTRACTS ALAMEDA COUNTY

NOV. 135	Mtn View	Kraff	4025
136	Giffen	Hansen	6885
137	Fidelity Mortg	Johanson	3900

### NICHES IN CORRIDOR

(209) LOCATION omitted. Niches in  
2-story corridor.  
Owner—Mountain View Cemetery  
Association.  
Architect—W. P. Day.  
Contractor—A. Graff & Sons.  
Filed, Nov. 4, '37. Dated, Nov. 3, '37.  
Progress payments on list and  
15th 75%

Usual 35 days 25%  
TOTAL COST, \$4,035.00  
Limit, Jan. 8, 1938. Plans and spec-  
ifications filed.

### DWELLING

(138) LOT 132 BLOCK 1, Fernalde,  
Alameda. Two-story and garage  
frame dwelling.  
Owner—Edna C. Giffen.  
Architect—Wm. E. Schirmer, Oak-  
land.  
Contractor—C. Hansen.  
Filed, Nov. 6, '37. Dated, Nov. 5, '37.  
1st of each month 75%  
Usual 35 days 25%  
TOTAL COST, \$6,885.50  
Limit, 100 days Plans and specifica-  
tions filed.

### DWELLING

(137) LOT 1 BLK 2030, High Street  
Park Tract Oakland. Five-room  
dwelling and garage.  
Owner—Fidelity Mortgage Society of  
California.  
Architect—Not Given.  
Contractor—Karl Johanson.  
Filed and Dated, November 8, 1937.  
Floor joists placed \$712.50  
Roof raftered 712.50  
Rough plastered 712.50  
Completion 712.50  
Usual 35 days 950.00  
TOTAL COST, \$3,800.00  
Limit, 90 days.

### ALAMEDA COUNTY PERMITS UNDER \$1000

ALTERATIONS, \$807; 2085 Allston  
Way, Berkeley; owner, Woolsey,  
Prem.; contractor, Golden and  
Ortowitz, 505 E. 14th St., Oak-  
land.  
SIGN, electric, \$260; 218 E. 12th St.,  
Oakland; owner, Matte & Carl-  
ton, Prem.; contractor, Radiant  
Neon Displays, 2561 San Pablo  
Ave.  
SIGN, metal, \$3; 606 9th St., Oak-  
land; owner and contractor, Ted  
Walsh, Prem.  
SIGN, wood, \$5; 5245 Foothill Blvd.,  
Oakland; owner and contractor,  
Lillian Creeth, Prem.  
BILLBOARD, \$50; N. Hopkins, 115  
E 38th St., Oakland; owner and  
contractor, Special Site Sign Co.,  
3225 Louise St.  
GARAGE, 1-story, \$250; 5727 Eliza-  
beth St., Oakland; owner, J.  
Sproule, Prem.; contractor, A. E.  
Waldman, 5409 Foothill Blvd.  
GARAGE, 1-story, \$75; 939 46th St.,  
Oakland; owner and contractor,  
Stirling Bell, Prem.  
ALTERATIONS, \$450; 1517 Kirkham  
St., Oakland; owner, M. Rosello,  
Prem.; contractor, M. Ricchezza,  
351 Filbert St.  
ADDITION, \$150; 4109 Foothill Blvd.,  
Oakland; owner and contractor,  
Walter Lee, 4115 Foothill Blvd.  
ALTERATIONS, \$600; 600-20 Broad-  
way, Oakland; owner, Jo Pierat-  
ti Co., Prem.; contractor, C. W.  
Diener, 4036 Browne Ave.  
GARAGE, 1-story, \$40; 3774 Allende-  
dale Ave., Oakland; owner and  
contractor, M. E. Williams, Prem.  
RE-ROOF, \$190; 239 Foothill Blvd.,  
Oakland; owner, M. Squaglia,  
1847 La Salle Ave., San Fran-  
cisco; contractor, A. K. Good-  
mundson, 45th Ave. and Clement  
St.  
GARAGE, 1-story, \$250; 3529 Lin-  
coln Ave.; owner and contractor,  
P. A. Wolff, 4514 E. 14th St.  
ALTERATIONS, \$150; 2026 Mitchell  
St., Oakland; owner and con-  
tractor, Mary Cameron, Prem.  
GARAGE, 1-story frame, \$150; 3888  
Webster St., Oakland; owner, L.  
Basco, Prem.; contractor, John  
Cisero, 474 42nd St.  
ADDITION, \$250; 556 37th St., Oak-  
land; owner and contractor, Jas.  
L. Rich, Prem.

ADDITION, \$200; 1406 Queens Rd.,  
Berkeley; owner, Claire McCarty,  
premises; contractor, J. M.  
Walker, 401 Spruce.  
ALTERATIONS, \$130; 1055 Spruce,  
Berkeley; owner, Home Owners'  
Loan Co.; contractor, P. L. Wi-  
erema, 1157 71st Ave., Oakland.  
ALTERATIONS, \$350; 1045 Sierra,  
Berkeley; owner and contractor,  
Elsie Weinberg, premises.  
SIGN, metal, \$150; 1030 Washington  
St., Oakland; owner, I. Weinstein  
contractor, Muivany Sign Co.,  
575 8th St.  
SIGNS, 2 cloth, \$6 each; 1700 E 12th  
St., Oakland; owner, Universal  
Tire Co.; contractor Willson Sign  
Co., 3112 Fruitvale Ave.  
SIGN, metal, \$6; 1934 San Pablo,  
Oakland; owner, S. P. Laundry;  
contractor, Acme Sign Shop, 597  
19th St.  
SIGN, metal, \$10; 218 12th Street,  
Oakland; owner, L. S. Millee;  
contractor, Standard Oil Co., 1201  
Financial Center Bldg.  
GARAGE, 1-story, \$125; 3233 64th  
Ave., Oakland; owner and con-  
tractor, Theresa Cain, prem.  
RE-ROOF, \$1075; 1075 Clarendon  
Crescent, Oakland; owner, H. R.  
Grenreich; contractor, Elliott &  
Elliott, 770 22nd St.  
ALTERATIONS, \$86; 1321 Bonita,  
Berkeley; owner, F. Coyett, 364  
30th St., San Francisco; con-  
tractor, Guy Tyler & Sons, 1502 Cedar  
St.  
ALTERATIONS, \$136; 2141 Oregon,  
Berkeley; owner, .....; con-  
tractor, Guy Tyles & Sons, 1502 Cedar  
St.  
ALTERATIONS, \$200; 2607 Webster  
St., Berkeley; owner, W. H. Hyde  
premises; contractor, American  
Roofing Co., 383 40th St., Oak-  
land.  
ALTERATIONS, \$100; 1930 Bonita,  
Berkeley; owner and contractor,  
W. I. Kavin, 2912 Newbury St.  
ALTERATIONS, \$130; 2034 Berkeley  
Way, Berkeley; owner, .....;  
contractor, Guy Tyler & Sons,  
1502 Cedar St.  
SIGN, metal, \$35; 5714 San Pablo  
Ave., Oakland; owner and con-  
tractor, Coca Cola Co., 3545 East  
14th Street.  
SIGN, metal, \$15; 445 10th St., Oak-  
land; owner, Pacific Coast Cloth-  
ing Co.; contractor, J. R. War-  
ren, 422 10th St.  
SIGN, electric, \$65; 1486 7th Street,  
Oakland; owner, World's Fair  
Cafe; contractor, Ace Elec. Sign  
Co., 1243 E 12th St.  
SIGN, metal, \$35; 5676 San Pablo,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$35; 3232 Park Blvd.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$35; 6480 Moraga St.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$35; 5281 Foothill Blvd.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$17; 4234 Telegraph Ave.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$17; 5323 Foothill Blvd.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$17; 2269 38th Ave.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$35; 3480 Fruitvale Ave.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$35; 3211 Grand Ave.,  
Oakland; owner and contractor,  
Coca Cola Co., 3545 E 14th St.  
SIGN, metal, \$17; N 19th St. 160 W  
Telegraph Ave., Berkeley; owner  
and contractor, Coca Cola Co.,  
3545 E 14th St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bonds                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Farms                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Schools                     |
| 7.—Federal Buildings            | 17.—Stamps, Stems and Inks      |
| 8.—Club Buildings               | 18.—Theatres                    |
| 9.—Hospitals                    | 19.—Wharves & Docks             |
| 10.—Hotels                      | 20.—Misc. Constr.               |
|                                 | 21.—Misc. Supplies & Etc.       |

### 1—APARTMENTS

**Plans Completed**  
**APARTMENTS** Cost, \$6,500  
**SAUSALITO**, Marin Co., Calif.

Two - story frame and rustic apartment house (wood shake roof, gas fired heating system, tile baths, hardwood floors, wood sash, garages).

Owner—Withheld.  
 Architect—Conrad T. Kett, 519 California St., San Francisco.

Construction will be done by day's work and is scheduled to begin in one week.

### 3—CHURCHES

**COMPLETING PLANS**  
**NORTH HOLLYWOOD**, Los Angeles Co., Calif.—Architects M. L. Barker and G. Lawrence Ott; Laurence D. Viol, associated, 624 S. La Brea Ave., Los Angeles, are completing plans for a church to seat 500, to be built at the St. Charles Parish, No. Hollywood, for the Roman Catholic Archdiocese of Los Angeles, Rev. Harry Meade, pastor.

### PLANS BEING FIGURED

**LOS ANGELES**, Calif.—Henry Carleton Newton, A J A, 502 Architects' Building, has completed plans and will take bids this week from a selected list of contractors for construction of a reinforced concrete class A church building (56 x 170 ft.), to be known as St. Michael's Church, at Manchester and Vermont Aves., for the Roman Catholic Archbishop, province of Los Angeles; Very Reverend Monsgr. Michael O'Gorman, pastor. Estimated cost, \$150,000. Francisco.

**Contract Awarded**  
**ADDITION** Cost, \$10,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 1342 Naglee Ave.

Addition to educational building.  
 Owner—The Rosicrucian Order, A M O R C.

Architect—Not Given.  
 Contractor—Paul Anderson, 1210 Lincoln St.

### 4—FACTORIES & WAREHOUSES

**Plans Being Figured—Bids Close**  
**November 17.**  
**FACTORY BLDG.** Cost, \$4  
**BERKELEY**, Alameda Co., Cal. 4th and Cedar Streets.

One-story addition to existing factory building (50x100-ft.) steel sash, fire doors, sprinkler system.

Owner—Pacific Paint & Varnish Co.,

4th and Cedar Sts., Berkeley.  
 Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Plans are being figured by a closed selected list of contractors.

Fred K. DuPuy, 110 Sutter Street, San Francisco, is figuring plans and desires sub-bids on all portions of the work.

### BIDS WANTED

**VERNON**, Los Angeles Co., Cal.—Until Nov. 29, 12 Noon, bids will be received by Swift & Co., Construction Dept., Union Stock Yards, Chicago, Ill. for a new meat packing plant to be constructed at the company's headquarters, located at 3750 Jewel Ave., Vernon. The plant will consist of a 5-story reinforced concrete slaughtering building, 115x137 ft. in area; a 6-story reinforced concrete cooler building, L-shaped, 168 x144 ft.; a 4-story reinforced concrete manufacturing building, 141x 124 ft.; 1-story brick and timber garage; a 1-story reinforced concrete harrel washing building; a structural steel and timber stock drive and storage pens; asphalt and crushed stone paving and sewage and drainage system. Wrecking of existing structure is included. The work includes steel sash, elevators, lockers, reinforced concrete and brick work, structural steel, ornamental, and miscellaneous iron, terrazzo, asphalt tile, acousti-celotex, Brictile or vit. brick partitions, vaults, insulation, steel stairs, paving brick. The owner will furnish and install elevators and cattle drop, packing house equipment, insulation, permanent electric wiring, permanent heating system, refrigeration piping and equipment, permanent water piping, steel smokehouse doors and double leaf elevator doors. The following contractors have been invited to submit bids: Barrett & Hilp, 918 Harrison St., San Francisco; Clinton Construction Co., 923 Folsom St., San Francisco; R. E. Milson, 427 S. Hill St.; Barnuch Corp., 625 S. Olive St.; Lindgren & Swinerton, 605 W. Olympic Blvd.; Pozzo Constr. Co., 2403 Riverside Dr.; Wm P. Neil, 4814 Loma Vista; J. V. McNeil Co., 5560 Avalon Blvd.; Myers Bros., 2407 San Fernando Road; Geo. A. Fuller Co., 408 S. Spring St.; Austin Co., 777 E. Washington Blvd.; P. J. Walker Co., 3900 Whiteside Ave.; R. E. Campbell, 711 Central Bldg.; Ford J. Twala Co., Architects' Bldg., all of Los Angeles; J. A. Utley, 6931 Maunser Ave., Detroit.

**Contract Awarded**  
**DAIRY PLANT** Cost, \$115,000  
**PORTLAND**, Ore. SE Eighth and Taggart.

Four-story feed mill and storage building (42 x 103 ft.); warehouse (113 x 119 ft.); garage (138 x 142 ft.); and storage building (154 x 47 ft.)

Owner—Dairy Cooperative Assn.  
 Architects—Clausen & Clausen, Guardian Bldg., Portland.  
 Contractor—Robert Scott and Scott, 6196 NE Rosney, Portland.

### PLANS PREPARED

**LOS ANGELES**, Calif.—Architect H. L. Gogarty, 6272 Yuca St., has prepared plans for a reinforced concrete warehouse building to be built on Third St., extending from Anderson to Houston St., for the Union Pacific Railroad Co. It will cover an area of 103 x 296 ft. and will contain 2500

sq. ft. of office space, 2 track docks and 3 car docks. Contractor has been selected. Cost, \$50,000. 4

### 5—FLATS

**To Be Done By Day's Work**  
**FLATS** Cost, \$5,000 each  
**SAN FRANCISCO**, SE 21st Avenue and Judah St. and S Judah 41 F 21st Ave.

Two 160-story and basement frame flat buildings.  
 Owner and Builder—H. Christensen, 1801 19th Avenue.  
 Architect—C. O. Clausen, 746 46th Avenue.

**Contract Awarded**  
**FLATS** Cost, \$5,500  
**SAN FRANCISCO**, S. Chestnut St., 85 ft. W of Buchanan St.

Two-story and basement frame flat building.

Owner—W. Patton, c/o Contractor.  
 Architect—Not Given.  
 Contractor—Thos. R. Sharnan, 3700 Broderick St.

### 6—GARAGES & SERVICE STATIONS

**Contract Awarded**  
**SERVICE STATION** Cost, \$5,000  
**SAN FRANCISCO**, SW 26th Ave. and Judah St.

Gasoline service station.  
 Owner—Rio Grande Oil Co., 400 Illinois St.

Architect—Not Given.  
 Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

**Contract Awarded**  
**SERVICE STATION** Cost, \$12,947  
**SAN FRANCISCO**, Junipero Serra Blvd. and School St.

Steel gasoline service station.  
 Owner—Union Oil Co. of Cal.  
 Plans by Eng. Dept. of Owner.  
 Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco.

**To Be Done By Day's Work**  
**SERVICE STATION** Cost, \$18,000  
**PALO ALTO**, Santa Clara Co., Cal.  
 701-11 Emerson St.

Gasoline service station.  
 Owner & Builder—Gilmore Oil Co., 3rd and 19th Sts., San Francisco.  
 Plans by Eng. Dept. of Owner.

### 7—FEDERAL BUILDINGS

#### BIDS WANTED

**FORT LEWIS**, Wash.—Until Nov. 20, 10 a.m. Bids will be received by the War Department, Office of The Quartermaster, Fort Lewis, Wash., for completion of Balloon Hangar; erection and hanging of steel hangar doors, painting all exterior structural steel members and coating surface of protected metal roof and sliding sheets.

Work consists of the fabrication of a 2-ft. 8-in. extension on two doors 22 ft. 9 in. wide, installation of approximately 90 linear feet of steel rail door track to grade on existing foundation, including bolts, nuts, steel shims and cone grouting and erection of steel doors; painting exterior exposed structural steel two coats of lead and oil paint, and all exterior asbestos produced steel roofing and siding, one heavy coat of asbestos fibered roof coating; reconditioning door track and guide assemblies, cleaning, etc., bearings and lubricating same.

Bid bond in amount of 10% of bid required.

**MATERIALS APPROVED**

**SAN FRANCISCO.**—Treasury Department approved following building material and equipment awards for the construction of a buzzer system in the Federal Office Building, San Francisco, Paragon Elec. Co., contractor: Buzzer, Holtzer-Cabot, in lieu of previous approval. 7

**MATERIALS APPROVED**

**LOS ANGELES, Calif.**—Treasury Department approved following bldg. material and equipment awards for the construction of the U. S. Post Office and Court House at Los Angeles, George A. Fuller Co., general contractor:

Brass Pipe, Bridgeport Brass Co. 7

**MATERIALS APPROVED**

**COLUMBIA, Cal.**—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office, Colusa, George Goedhart, Chicago, Ill., general contractors:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Kelvinator Corp.; indirect water heater, Amer. Radiator Co.; pressure reducing valve on water supply, Mueller Co.; relief valve, H. A. Thrush Co.; non-conducting covering for plumbing, Ehret Magnesia Mfg. Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, Amer. Radiator Co.; air valves for radiators, Amer. Radiator Co.; non-conducting covering for heating, Ehret Magnesia Mfg. Co.; sump pump, Weil Pump Co.; pendant switch, Leviton Mfg. Co.; glassware, Inland Glass Co.; lighting fixtures, Multi-Electrical Mfg. Co. 7

**MATERIALS APPROVED**

**COLVILLE, Wash.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Colville, West Coast Const. Co., Seattle, general contractors: Main switch, NePage-McKenny Company. 7

**MATERIALS APPROVED**

**KETCHIKAN, Alaska.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Ketchikan, J. B. Werrick, Seattle, general contractor. Plumbing fixtures, Crane Co.

**MATERIALS APPROVED**

**SUSANVILLE, Lassen Co., Cal.**—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Susanville, George Goedhart, Chicago, Ill., general contractors:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Kelvinator Corp.; indirect water heater, Amer. Radiator Co.; pressure reducing valve on water supply, Mueller Co.; relief valve H. A. Thrush Co.; non-conducting covering for plumbing, Ehret Magnesia Mfg. Co.; boiler, Kewanee Boiler Corp.; tube radiators, Amer. Radiator Co.; air valves for radiators, Amer. Radiator Co.; non-conducting covering for heating, Ehret Magnesia Mfg. Co.; angle radiator valves, James P. Muller Corp.; air valves for steam radiators, Amer. Radiator Co.; pendant switch, Leviton Mfg. Co.; glassware, Inland Glass Co.; lighting fixtures, Multi-Electrical Mfg. Co. 7

**BIDS OPENED**

**GRANT, OR.**—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Post Office at Grant, Oregon, Neuman Bros., McMinnville, Ore., at \$1,047.00 submitted low bid to the Procure-

ment Division, Public Bldgs. Branch, Washington, D. C., for painting the plaster, etc., in the U.S.P.O. at Grants Pass.

Only one bid submitted by Bob's Paint Shop, Grants Pass, at \$2,101.

**MATERIALS APPROVED**

**ELY, Nevada.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Ely; E. & E. J. Pfozter, general contractor:

Plumbing fixtures, Crane Co.; electric water cooler, Sunroc Spring Water Co.; nonconducting covering for plumbing and heating, Johns-Manville Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; indirect water heater, Bell & Gossett Co.

**BIDS REJECTED**

**LOS ANGELES, Cal.**—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids received for paving parkway at the U. S. P. O. at North Hollywood.

Specifications will be revised and readvertised. \*

**BIDS WANTED**

**UKIAH, Mendocino Co., Cal.**—Until Nov. 19, bids will be received by the Procurement Division, Public Branch, Washington, D. C., for sidewalks and street curbs at the U. S. P. O. at Ukiah.

**Complete Bids**

**POST OFFICE** Cost, \$.....  
**ST. LOUIS, Mo.** Washington, United States Post Office.

Owner—United States Government. Plans by the Supervising Architect, Treasury Department, Washington, D. C.

Low Bidder—Western Constr. Co., Temple Tower, Seattle, \$54,500.

Complete bids follow:

Western Const. Co., Seattle: Item (1) \$54,500; Item (2) \$54,546.

Wm. Petersen, Seattle, (1) \$56,663; (2) \$56,798.

McDonald Const. Co., St. Louis, Mo.; (1) \$57,640; (2) \$57,600.

A. F. Movat Const. Co., Seattle: (1) \$57,726; (2) \$57,676.

James I. Barnes Const. Co., Springfield, Mo.: (1) \$58,144; (2) \$58,144.

H. J. Solie, Everett, Wash.: (1) \$58,273; (2) \$58,313.

Biesko & Hannaman, Salem, Oregon; (1) \$58,898; (2) \$58,898.

N. P. Hansen, Snohomish, Wash.: (1) \$59,995; (2) \$59,994.

Dalley Const. Co., Seattle: (1) \$61,313; (2) \$61,448.

Paul N. Odgaard, Everett, Wash.: (1) \$61,500; (2) \$61,540.

**Bids Wanted—To Close Dec. 15 1:30 P. M.**

**AIR CORPS BARRACKS, ETC.** Cost, \$.....

**HICKAM FIELD, T. H.** Construct and complete four 132-man Air Corps Barracks, one 200-Man Air Corps Barracks and one Quartermaster Warehouse, together with all utilities thereto.

Owner—U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C.

Bids will be received by the Constructing Quartermaster, Fort Mason, San Francisco, until 1:30 P. M., P.S.T. December 15, or by the Purchasing and Contracting Officer, Hickam Field, H. I., until 11 A. M., H.S.T., December 15.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Fort Mason, San Francisco, upon deposit of cer-

tified check for \$20, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$20, payable to the Finance Officer, Fort Shafter, T. H.

**BIDS WANTED**

**SHASTA DAM, Calif.**—Until Nov. 29, 1918, bids will be received by the U. S. Government, Bureau of Reclamation, 205 Old Post Office Bldg., 7th and W Sts., Sacramento, for air-cooling, heating and ventilating systems for the office building and two dormitories at the Shasta Dam, nine miles north of Redding, Government Camp, Central Valley Project.

Plans and specifications may be obtained from the above office. No deposit to prospective bidders; to others, \$2 per copy, not returnable.

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until Nov. 16, 11 A. M., bids will be received by the Public Works Office, Headquarters, 11th Naval District, San Diego, under Spec. No. 8610, for repairs to elevators at the Naval Hospital, San Diego.

Work includes an automatic gate closer for the elevator car in the Contagious Ward (Bldg. 20) and an automatic gate closer for the elevator car in the Sick Officers' Quarters (Bldg. 22).

Bidding data obtainable from the above office upon deposit of check for postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

**MATERIALS APPROVED**

**NOME, Alaska.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Nome, McDonough Constr. Co., St. Louis, Mo., general contractors:

Conduit and steel tube, Walker Bros.; rubber-covered wire, Habirshaw Cable & Wire Corp.; flush duplex receptacles, flush switches and fan hangers, Arrow-Walker & Hegeman Elec. Co.; distribution and branch circuit panels, clock, junction and telephone cabinets, NePage-McKenny Co.; main light switch and main power switch, NePage-McKenny Co.; clock system, Standard Elec. Time Co.; glassware, Gill Glass & Fixture Co.; lighting fixtures, F. W. Wakefield Brass Co. 7

**MATERIALS APPROVED**

**TOPPENISH, Wash.**—Treasury Department approved following bldg. material and equipment awards for the construction of the U. S. Post Office at Toppenish, West Coast Construction Co., Seattle, Wash., general contractors:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Kelvinator Corp.; indirect water heater, Arrow Products Corp.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; relief valve, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Ehret Magnesia Mfg. Co.; sump pump, Weil Pump Co.; boiler, Kewanee Boiler Corp.; tube radiators, Am. Radiator Co.; wall radiators, Am. Radiator Co.; nonconducting covering for heating, Ehret Magnesia Mfg. Co.; angle radiator valves, Milwaukee Valve Co.; air valves for radiators and air valves for ends of mains, Am. Radiator Co.; hangers, Graber Mfg. Co.; steel tube, Walker Bros.; conduit, Walker Bros.; panel boards, NePage-McKenny Co.; main switch, NePage-McKenny Co.; rubber-covered wire, Habirshaw Wire & Cable Corp.; receptacles and flush switches, Arrow-Hart & Hegeman

Elec. Co.; glassware, Gill Glass & Fixture Co.; lighting fixtures, Seattle Lighting Fixture Co. and Wakefield Brass Co. 7

**Complete Bids**  
**POST OFFICE** Cost, \$.....  
 MOIROVIA, Los Angeles Co., Calif. United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Low Bidder**—James I. Barnes Const. Co., Withoit Bldg., Springfield, Mo., \$74,200.

**Complete bids follow:**  
**James I. Barnes Const. Co., Spring-**  
**field, Mo.: Item (1) \$74,200; Alt.**  
**(A) add \$50.**

**L. F. Dow Co., Los Angeles: (1) \$74-**  
**256; (A) add \$900.**

**Sarver & Zoss, Inc., Los Angeles: (1)**  
**\$74,500; (A) \$1,125.**

**T. F. Schultz, Compton: (1) \$75,820;**  
**Combs add \$12,000.**

**Campbell & Kelly, Los Angeles: (1)**  
**\$77,950; (A) add \$1,350.**

**Theo. A. Beyer Corp., Los Angeles:**  
**(1) \$78,232; (A) add \$1,308.**

**Brunzell & Jacobson, Los Angeles:**  
**(1) \$78,938; (A) add \$1,000.**

**Cambel Const. Co., Los Angeles:**  
**(1) \$79,310 (A) add \$1,000.**

**Archibald & Singleton Co., Los An-**  
**geles: (1) \$80,600; (A) add \$1,327.**

**Atlas Const. Co., Pasadena: (1) \$81-**  
**400; (A) add \$1,200.**

**John Strona, Pomona: (1) \$83,340;**  
**(A) add \$900.**

**W. H. McCune, Monrovia: (1) \$83,-**  
**445; (A) add \$950.**

**R. J. Daum, Los Angeles: (1) \$85,-**  
**600; (A) add \$1,200.**

**MacDonald Const. Co., St. Louis, Mo.**  
**(1) \$85,878; (A) add \$300.**

**Geo. M. Easton, Co., Los Angeles: (1)**  
**\$90,000; (A) add \$1,200.**

**Schauer & McDonald, Inc., Oakland:**  
**(1) \$94,471; (A) add \$500.**

**Marko Mattek, Los Angeles: (1) \$120-**  
**000; (A) add \$200.**

**9— HOSPITALS**

**CONTRACTS AWARDED**

**SAN LUIS OBISPO, Calif.—Faul-**  
**stich Brothers, San Luis Obispo, at**  
**\$106,000 for drainboards, and Cline's**  
**Electric Shop, San Luis Obispo, at**  
**\$221 for electrical fixtures, submitted**  
**low bids and were awarded con-**  
**tracts by the County of San Luis**  
**Obispo, Gwen Marshall, County Clerk**  
**for drainboards and fixtures in the**  
**central and southern wing of a new**  
**Tuberculosis Unit being erected upon**  
**the grounds of the General Hospital,**  
**San Luis Obispo.**

Only other bid was submitted by  
 Valley Electric Co., San Luis Obispo  
 for electrical fixtures, at \$229.30.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.—Edward**  
**Goral, 174 S. Detroit St., awarded**  
**contract for five brick medical build-**  
**ings (50 x 100 ft. each) to be built**  
**at 2201-35 Ocean View Ave. for Mrs.**  
**Virginia C. Pettet, c/o 712 S. Spring**  
**St., Arthur S. Heineman, architect,**  
**457 S. Kingsley Dr.**

**Sub Contracts Awarded**

**CAT AND DOG HOSPITAL**

Cont. Fr., \$9,440  
**SALINAS, Monterey Co., Calif.—**  
**One-story frame and stucco Cat and**  
**Dog Hospital.**

**Owner—Dr. C. B. Outhier, 206 Lin-**  
**coln Ave., Salinas.**  
**Architect—Chas. E. Butner, 7 Win-**  
**ham St., Salinas.**

**Contractor—A. F. Carlsen, Rt. J,**  
**Box 74-A, Salinas.**

**Roofing—County Roof Service, 330**  
**Market St.**

**Plumbing, Heating and Sheet Metal**  
**—Anderson - Dougherty - Hargis**

Co., 225 Main St.

**Electric Wiring—Salinas Electric**  
**Works, 253 Main St.**

**Tile Work—M J B Roofing & Tile**  
**Co., Santa Rita.**

**Hardwood Floors—J. E. Finn Har-**  
**wood Floor Co., 37 Buena Vista**  
**Ave.**

**Brick & Stone—Chas. Hoosier, P.O.**  
**Box 213.**

**Grading, Foundations and Concrete—**  
**Kallium & Le Noir.**

**Mill Work—Salinas Planing Mill, 64**  
**Market St.**

**Lumber—Woods Lumber Co.**

**Painting—C. A. Smith, 220 Harvest**  
**St.**

**Lathing and Plastering—L. C. Jor-**  
**gensen, 21 Orange Dr.**

**Low Bidder**

**ADDITIONS Est. Cost, \$173,762**  
**THE DALLES, Oregon.**

**Addition to Eastern Oregon State Tu-**  
**berculosis Hosp. (The Dalles) on**  
**one-story frame pavilion; con-**  
**crete boiler house; two-story**  
**frame nurses' home; frame phy-**  
**sicians' home. PWA Docket**  
**1224.**

**Owner—State of Oregon.**

**Architect—Jones & Marsh, 701 Wed-**  
**lock Bldg., Portland.**

**Low Bidder—Malarkey and Kallan-**  
**der, McKay Bldg., Portland—**  
**\$155,500.**

**12— POWER PLANTS**

**PREPARING PLANS**

**LOS ANGELES, Calif.—Architects**  
**John and Donald B. Parkinson, 434**  
**Title Insurance Bldg., are preparing**  
**plans for a transmitter station to be**  
**built in the El Nido district for the**  
**Columbia Broadcasting System, 5939**  
**Sunset Blvd. The station will con-**  
**sist of a steel tower, approximately**  
**500 ft. in height, and a small build-**  
**ing Wm. Simpson Constr. Co., Ar-**  
**chitects' Bldg., will be the general**  
**contractors. 12**

**13— PUBLIC BUILDINGS**  
**FIRE HOUSES & JAILS**

**Contract Awarded**  
**ALTERATIONS Cont. Fr., \$693**  
**SAN RAFAEL, Marin County, Calif.**

**Public Library.**  
**Alterations and repairs in basement**  
**of library, including children's**  
**library.**

**Owner—City of San Rafael (Mar-**  
**garet MacDonald, Secy. Board of**  
**Trustees).**

**Architect—Carl F. Gromme, Freitas**  
**Bldg., San Rafael.**

**Contractor—DeLata & Son, Inc., 1745**  
**Philbert St., San Francisco.**

**BIDS WANTED**

**PEDDING, Shasta Co., Calif.—Un-**  
**til Nov. 30, 2 p.m., bids will be re-**  
**ceived by the State Architect, Geo.**  
**P. McDougall, Public Works Bldg.,**  
**Sacramento, for the erection and**  
**completion of additions and altera-**  
**tions to equipment repair shops at**  
**Rehling.**

Plans and specifications may be  
 obtained from the above office upon  
 deposit of \$25 returnable.

**PREPARING PLANS**

**SANTA BARBARA, Calif.—Arch-**  
**itects Charles L. Carolyn, 126 De La**  
**Calle Studios, Santa Barbara, is**  
**preparing plans for a masonry build-**  
**ing, fuel and carpenter shop build-**  
**ing to be built in Santa Barbara Mu-**  
**seum of Natural History. It will**  
**contain a 60-seat auditorium with**  
**stage and projection booth. Esti-**  
**mated cost \$50,000. 13**

**Bids Wanted—To Close Nov. 25,**

**7:30 P. M.**

**FIRE STATION Est. Cost, \$36,500**

**PETALUMA, Sonoma Co., Calif. Niy.**  
**corner of D and 2nd Sts.**  
**One-story frame and stucco fire sta-**  
**tion (steel roof trusses and col-**  
**umns).**

**Owner—City of Petaluma.**  
**Architect—Bramerd Jones, 226 Wash-**  
**ington St., Petaluma.**  
**Structural Engineer—C. Jefferson Sly**  
**251 Kearny St., San Francisco.**

Plans and specifications may be  
 obtained from the architect's office  
 upon deposit of \$10.00.

Bids will be opened in Room 22,  
 City Hall, Petaluma, and must be ac-  
 companied by a certified or cashier's  
 check or bid bond for 5% of the  
 amount of bid, payable to the City  
 of Petaluma.

**BIDS OPENED**

**SAN FRANCISCO.—Anchor Post**  
**Fence Co., 460 5th St., at \$316 sub-**  
**mitted low bid to the Department**  
**of Public Works, Room 251, City**  
**Hall, for installing two sets wrought**  
**iron gates in open play space at**  
**Raphael Weill School.**

Other bids were:  
**Arnke Iron Works \$398.00**  
**Empire Construction Co. 587.00**  
**Sartorius Co. 688.00**

**BIDS OPENED**

**SAN FRANCISCO.—Hanson Bros.,**  
**5840 Mission St., at \$3,495 submitted**  
**low bid to the Department of Public**  
**Works, Room 251, City Hall, for mov-**  
**ing the buildings from the South**  
**End, Dolphin and Ariel Rowing Clubs**  
**at Aquatic Park.**

Complete bids follow, including al-  
 ternate (a) add for moving handball  
 courts:  
**Hanson Bros., \$3,495; (a) \$1,200**  
**D. J. & T. Sullivan, Inc., \$4,875; (a)**  
**\$1,625.**  
**Pearson & Johnson, \$4,465; (a) \$752.**

**CONTRACT AWARDED**

**ALAMEDA, Calif.—J. W. Van Pelt,**  
**1907 Alameda Ave., at \$1,097, award-**  
**ed contract by the City of Alameda,**  
**Public Utilities Board, G. A. Baxter,**  
**Secy., for furnishing labor and mat-**  
**erial to paint properties of the De-**  
**partment of Public Utilities of the**  
**City of Alameda at 2440 Santa Clara**  
**Avenue, Alameda.**

**BONDS DEFEATED**

**SACRAMENTO, Calif.—The City**  
**of Sacramento (H. G. Denton, City**  
**Clerk), defeated bond issue in the**  
**amount of \$480,000 Nov. 2nd. Pro-**  
**ceeds were to have financed con-**  
**struction of a municipal art gallery,**  
**including the necessary buildings,**  
**fixtures and equipment, for art gal-**  
**lery purposes, to be known as the**  
**"E. B. Crocker Art Gallery."**

**CONTRACT AWARDED**

**SAN FRANCISCO.—Anchor Post**  
**Fence Co., 460 5th St., at \$316, plus**  
**\$65 for re-burne wrought iron award-**  
**ed contract by Dept. Public Works,**  
**Room 251, City Hall, for installing**  
**two sets of wrought iron gates in**  
**open play space at Raphael Weill**  
**School.**

Other bids were:  
**Arnke Iron Works \$398.00**  
**Empire Construction Co. 587.00**  
**Sartorius Company 688.00**

**Bids Wanted—To Close Nov. 17,**

**7:30 P. M**

**ADDITIONS Est. Cost, \$10,000**  
**PACIFIC GROVE, Monterey Co., Calif.**  
**Additional of new wing to the city li-**  
**brary building (lecture rm., stock**  
**room, children's rooms, etc.)**  
**Owner—City of Pacific Grove (Er-**  
**win Dames, city manager),**  
**Architect—C. J. Ryland, Carmel and**  
**Monterey.**

Plans and specifications may be  
 obtained from the architect's office  
 upon deposit of \$10. Bids must be

filed with City Clerk Eltin C. Hurlburt and will be opened in the city hall.

#### Bids Wanted—To Close Nov. 29,

11 A. M.  
ALTERATIONS Est. Cost, \$7,400  
STOCKTON, San Joaquin Co., Calif.  
Hunters Square.

Move present toilet rooms on first floor of old court house to basement and convert space into offices.

Owner—County of San Joaquin.  
Architect—Eric W. Johnson, 142 N. California St., Stockton.

Revised plans were accepted by the board and new bids are now being asked.

Plans and specifications may be obtained from the architect's office upon deposit of \$100.  
At previous bid opening Vickroy Const. Co., 821 N Van Buren Street, Stockton, at \$9,677 submitted low bid.

#### BONDS DEFEATED

SALEM, Marion Co., Ore.—City of Salem defeated bond issue in the amount of \$550,000 November 2. The proceeds were to have financed construction of a courthouse.

Preliminary plans were prepared by Architects Whitehouse & Church of Portland.

#### BIDS WANTED

PHOENIX, Ariz.—Until Nov. 22, 10 a. m., bids will be received by the Maricopa County Supervisors, Phoenix, for a 4-classroom masonry sch. building to be built at Creighton, 3 miles northeast of Phoenix. Plans may be obtained from Architect Orville A. Bell, 321 Heard Bldg., Phoenix, upon deposit of \$10, returnable. Certified check for 5% required. Estimated cost, \$15,000. \* 13

Architect Selected  
GARAGE Est. Cost, \$.....  
EUFKA, Humboldt Co., Cal. Sixth and D Streets.

NEW CITY GARAGE.  
Owner—City of Eureka.  
Architect—Newton Ackerman, 4th & Commercial Sts., Eureka.

#### 14—RESIDENCES

Owner Taking General Bids  
RESIDENCE Est. Cost, \$6,500  
OAKLAND, Alameda Co., Cal. Prospect Ave.

One-story frame and stucco residence (6 rooms), shingle roof, hardwood floors, tile bath.

Owner—J. Soderlund, 93 Linda St., Oakland.  
Architect—Not Given.

Completing Plans  
RESIDENCE Est. Cost, \$6,000  
SAN ANSELMO, Marin Co., Cal.

One-story and basement frame and stucco residence, terra cotta tile roof, hot air heating system, hardwood floors, tile bath, etc.  
Owner & Builder—Louis Hobbs.  
Architect—Albert H. Larsen, 333 Kearny St.

Contract Awarded  
RESIDENCE Est. Cost, \$8,000  
BURLINGAME HILLS, San Mateo Co., Cal. Lots 8 and 10, Blk. 7.

Two-story frame and stucco residence.

Owner—A. H. Bevilockway, 1124 El Camino Way, Burlingame.  
Architect—Not Given.

Contractor—Peninsula Builders, 1150 Burlingame Ave., Burlingame.

Preparing Working Drawings  
RESIDENCE Est. Cost, \$4,000  
MILL VALLEY, Marin Co., Calif.

One-story frame studio type residence (5 rooms).

Owner—D. V. Jordan, Mill Valley.  
Architect—Conrad T. Kett, 519 California St., San Francisco.

Preliminary plans have been approved by the owner who will probably take segregated bids upon completion of plans.

Contract Awarded  
RESIDENCE Est. Cost, \$.....  
SAN JOAQUIN CO. Near Lodi.

Two-story frame and stucco residence.

Owner—Withheld.  
Architect—Victor Galbraith, 221 East Acacia St., Stockton.

Contractor—A. A. Walters & Son, 510 E. Lodi Ave., Lodi.

Sub Contracts Awarded  
RESIDENCE Est. Cost, \$8,500  
ALAMEDA, Calif. Fermaide Tract.

One-story frame and stucco residence (6 rooms), hardwood floors, tile baths, wood sash, hot air heating system.

Owner—Wallace Miracle.  
Plans by Fred V. Tuttle, 3718 Grand Ave., Oakland.

Contractor—Chas. Falk, 1520 E. 38th St., Oakland.

Roofing—W. L. Saxby, 4538 Fleming Ave., Oakland.

Plumbing—J. A. Fazio, 402 Castro St., Oakland.

Electric Wiring—Park Electric Co., 1338 Park St., Alameda.

Sheet Metal—Atlas Heating Co., 1451 32nd St., Oakland.

Tile Work—Rigney Tile Co., 3012 Harris St., Oakland.

Glass—Coblendick-Kibbe Glass Co., Washington at Oak St., Oakland.

Iron Grille Work—James J. Eandi, 1339 62nd Ave., Oakland.

Foundations—Riechel & Bredhoff, 1555 Central Ave., Alameda.

Lumber—Loop Lumber & Mill Co., 2061 Broadway, Alameda.

Mill Work—Paul W. Larson, 1272 86th Ave., Alameda.

Hardware—Simon B. Hardware Co., 805 Broadway, Alameda.

Painting—G. J. Duthler, 1723 Tregloan Pl., Alameda.

Lathing and Plastering—H. L. Mortensen, 3943 High St., Oakland.

#### PLANS BEING FIGURED

PALM SPRINGS, Riverside Co., Cal.—Architect Lloyd Steffen, 170 E. California St., Pasadena, is taking bids from a selected list of contractors for a 7-room residence to be built at Palm Springs for Frank Morgan.

Contract Awarded  
RESIDENCE Est. Cost, \$.....  
SAN FRANCISCO, Near Twin Peaks

Two-story frame and stucco residence (hardwood floors, tile baths, wood sash, etc.)

Owner—Dr. Robt. Aird, 1496 Willard.  
Architect—W. W. Wurster, 260 California Street.

Contractor—H. Papenhausen 595 Victoria Street.

Contract Awarded  
RESIDENCE Est. Cost, \$12,000  
SAN FRANCISCO, Marina Blvd.

Two-story and basement frame and stucco residence (3 bedrooms, 2 baths), asbestos shingle roof, hardwood floors, tile baths, hot air heating system.

Owner—Allen Meyers.  
Architect—Albert H. Larsen, 333 Kearny St.

Contractor—Christopher D. McKeon, 345 Santiago St.

Contract Awarded  
RESIDENCE  
ORINDA, Alameda Co., Calif.

Two-story frame residence.  
Owner—Ward Sorrick.  
Architect—Fred Reimers, 233 Post St.,

San Francisco.  
Contractor—Albert A. Haakeil, 255 Ridgway Ave., Oakland.

Plans Completed  
RESIDENCE Est. Cost, \$3,500  
WALNUT CREEK, Contra Costa Co., Calif.

One-story frame and stucco residence (5 rooms), wood shingle roof, hardwood floors, tile bath, detached garage.

Owner & Builder—L. E. Fairchild, Main and Tunnel Road, Walnut Creek.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Working Drawings  
RESIDENCE Est. Cost, \$.....  
CASTRO VALLEY, Alameda Co., Calif.

Two-story frame and stucco residence (5 rooms), wood sash, hardwood floors.

Owner—Withheld.  
Architect—Geo. Patton Simonds, 80 Main St., Hayward.

Preparing Working Drawings  
RESIDENCE Est. Cost, \$4,500  
SAN JOSE, Santa Clara Co., Calif.

One-story frame residence (5 rooms), rustic exterior, wall board interior, tar and gravel roof, etc.

Owner—Name withheld.  
Architect—George Patton Simonds, 80 Main St., Hayward.

Preparing Preliminary Sketches  
RESIDENCE Est. Cost, \$10,000  
MORAGA ESTATES, Contra Costa Co., Calif.

One-story frame and stucco residence (8 rooms).

Owner—A. T. Anderson, c/o architect  
Architect—Irwin M. Johnson, 2219 7th Ave., Oakland.

Completing Plans  
RESIDENCES Est. Cost, \$4,000 each  
BEYERLE, Alameda Co., Cal.

Two one-story frame and stucco residences.

Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.

Architect—Not Given.

Upon completion of plans in about one week, owner will take segregated bids.

To Be Done By Day's Work  
RESIDENCES Est. Cost, \$3,500 each  
SAN FRANCISCO, West 21st Ave. south of Ortega St.

Six one-story and basement frame residences.

Owner and Builder—R. F. Gall, 377 West Portal Avenue.

Architect—E. H. Denke, 1317 Hyde Street.

Bids Rejected  
REMODEL RESIDENCE Est. Cost, \$.....  
MENLO PARK, San Mateo Co., Cal.

Remodel residence.

Owner—Withheld.  
Architect—Mario Corbett, 72 3rd Ave., San Mateo.

Following are figuring plans:  
Vance M. Brown, 1226 Middlefield Road, Palo Alto.

A. E. Orton, 151 Harriet Avenue, Palo Alto.

Bids were rejected and are now being re-figured for about 1 week.

Completing Working Drawings  
RESIDENCES

Est. Cost, less than \$4,000 each  
RICHMOND GARDENS PROJECT,  
Contra Costa Co., Calif.

Two hundred one-story frame residences (fire-resistant roofs, steel sash, hardwood floors, linoleum baths).

Owner & Builder—National Housing Bureau, 1205 Macdonald Avenue, Richmond (Dick J. Richards, Ex-



entive Director).  
 Architect—Edwin L. Snyder, 2104 Addison St., Berkeley, Director of Architecture.

Both segregated and general bids will probably be asked on Nov. 12.

**Completing Plans**  
**RESIDENCE** Cost, \$7,000  
**CONTRA COSTA CO.**, Happy Valley, near Lafayette.

One - story frame and stucco residence (6 rooms).

Owner—Mr. Rhodes, c/o architect.  
 Architect—Irwin M. Johnson, 2219 7th Avenue, Oakland.

Plans will be completed in 1 week and figured by a selected contractor.

**Contract Awarded**  
**RESIDENCE** Cost, \$7,500  
**OAKLAND, Alameda Co., Calif.** 1931 Melvin Road.

Two-story frame residence (5 rooms)  
 Owner—G. A. Schreiber, 3315 Chapman St., Oakland.

Architect—Not Given.  
 Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

**CONTRACT AWARDED**  
**BEVERLY HILLS, Los Angeles Co., Calif.**—Carleton L. Burgess, 1724 Chevy-Chase Drive, Beverly Hills, will build a 2-story, 12-room and 5-bath frame and stucco residence at 1002 N. Roxbury Drive, Beverly Hills for Jack Benny. Four-car garage with overhead doors; \$52,000.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,500  
**SACRAMENTO, Cal.** 1165-67 Fremont Way.

Two-story frame and stucco residence.

Owner—F. G. Geisser, c/o Contractor.  
 Architect—Not Given.  
 Contractor—A. Fisher, 800 35th St., Sacramento.

**Completing Plans**  
**RESIDENCE** Est. Cost, \$4000  
**BERKELEY, Alameda Co., Calif.**

One - story frame and stucco residence (6 rooms) composition and tile roof, hardwood floors, tile bath.

Owner—E. Bigelow, Berkeley.  
 Architect—Not Given.  
 Upon completion of plans the owner will take segregated bids.

**Construction Underway**  
**RESIDENCE** Cost, \$4,000  
**HAYWARD, Alameda Co., Calif.**

One-story frame and stucco residence, shingle roof, floor furnace, hardwood floors, tile baths, etc.

Owner—Portal Oak Co.  
 Plans by John Hudspeth, 1831 Arch St., Berkeley.  
 Contractor—Joe Ray, Hayward.

**Plans Completed**  
**RESIDENCE** Cost, \$7,000  
**WEAVERVILLE, Trinity Co., Cal.**

One-story frame and stucco residence (6 rooms), shingle roof, oil burning furnace, hardwood floors, tile bath, etc.

Owner—Edwin J. Regan.  
 Plans by John Hudspeth, 1831 Arch St., Berkeley.

Construction will not go ahead until next spring because of snow.

**Bids In—Held Under Advice**  
**RESIDENCE**  
**SAN FRANCISCO, Calif.**

Two-story frame and brick veneer residence (9 rooms, 3 baths), hardwood floors, tile baths, slate roof, etc.

Owner—Withheld.  
 Architect—John Davis Young, 2002 California St.

Low Bidder—M. A. Little Co., Inc., 107 24th Ave., S. F.—\$23,510.

Other bids follow:  
 Oscar Casty ..... \$24,019  
 Max Hantzsche ..... 24,681  
 A. F. Mattock Co. .... 25,085  
 All of San Francisco.  
 Announcement shortly.

**15—SCHOOLS**

**Bids Wanted—To Close Nov. 16, 8 P. M.**

**ADDITIONS** Est. Cost, \$32,000  
**BUTTEBY WILLOW, Kern Co., Calif.**  
 Addition of three classrooms and toilet additions, concrete walls, wood trusses, tile roof.

Owner—Buttonwillow Union School District.

Architect—Symmes & Willard, Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable from the architect's office upon deposit of \$10.00.

Following have taken out plans:  
 Elliott & Elliott, Rt. 2, Box 407, Bakersfield.

L. H. Hansen & Son, P. O. Box 519, Fresno.

Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

V. A. Young, 1678 Chester Ave. Bakersfield.

Frank A. Greenough, 130 Lincoln St., Bakersfield.

B. Frank Barr, 1547 E. Main St., Ventura.

Opperman & Co., 1327 Orange Dr., Bakersfield.

**Plans Completed**  
**ADDITION** Cost, \$50,000  
**ALBANY, Alameda Co., Calif.**

Two-story and basement reinforced concrete addition (fourth unit) to Albany High School.

Owner—Albany High School District.  
 Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Plans and specifications have been forwarded to State Division of Architecture for approval.

**Contract Awarded**  
**SCHOOL** Contr. Pr., \$303,290  
**EAST BAKERSFIELD, Kern Co., Calif.**

New junior high school, consisting of a two-story and basement, class A classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and composition roofing, steam heat.

Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.

Structural Engineer—Mark Falk 908 Washington Bldg., Los Angeles.

Contractor—L. H. Hansen & Son, P. O. Box 519, Fresno.

Bids were received and contract awarded on the following: (1) classroom building, complete; (2) portion of gymnasium building; (3) pipe tunnel between buildings for plumbing, heating and electric conduits.

Two low bids follow:  
 L. H. Hansen & Son, Fresno—(1) \$246,300; (2) \$33,490; (3) \$3,500.

H. Mayson, Los Angeles—(1) \$254,746; (2) \$58,164; (3) \$2,935.

Complete bids will be published shortly.

**Bids Rejected**  
**SCHOOL** Cost, \$ .....  
**LODI, San Joaquin Co., Cal.**

Two-story reinforced concrete music building (music rooms, rehearsal room, and two classrooms), asbestos roof, cork carpet over wood floors in rehearsal room, hollywood floors in other rooms,

extension of existing direct steam heating plant.

Owner—Lodi Union High School District.

Architect—Peter Sala, 2130 N. Commerce St., Stockton.

Following are complete bids, which were rejected:

C. H. Dodd, 1660 W. Walnut St., Stockton ..... \$41,224  
 J. C. Meyers, Stockton ..... 43,044  
 W. C. Hoegerman, Lodi ..... 43,681  
 John Hackman, Stockton ..... 44,500  
 Sam Eyre, Tracy ..... 44,700  
 H. H. Henning, Stockton ..... 44,972  
 Holdener Constr. Co., Sacto. .... 48,375  
 E. C. Totten, Stockton ..... 45,589

**Bonds Voted**  
**SCHOOL** Cost, \$ .....  
**COALINGA, Fresno Co., Cal.**

New junior high school and auditorium.

Owner—Coalinga Union High School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Coalinga High School District voted bonds in the amount of \$350,000, proceeds to finance construction of school.

**BIDS WANTED**  
**NEEDLES, San Bernardino Co., Calif.**—Until Dec. 15, 11 A. M., bids will be received by the Needles High School District for construction of the steel and reinforced concrete liberal arts building at Needles High School site. Plans may be obtained after November 26 from H. L. Gogerty, architect, 6272 Yucca Street, Hollywood. The structure will contain two science classrooms, two home economics classrooms, a study hall and library. Est. cost, \$15,000. \* 15

**BIDS WANTED**  
**GILBERT, Ariz.**—Until Nov. 22, 11 a.m., bids will be received by the Maricopa County Supervisors, Phoenix, for two brick auxiliary buildings to be built at Gilbert, Arizona, high school, a PWA project. Plans may be obtained from Architect Dr. Orville A. Bell, 321 Heard Bldg., Phoenix, upon deposit of \$10, returnable. Certified check for 5% required. Estimated cost \$40,000.

**Contract Awarded**  
**GYMNASIUM** Cont. Price, \$7,498  
**EASTON, Fresno Co., Calif.**

One - story reinforced concrete gymnasium bldg. (boys' unit), composition roof, steel sash, metal partitions.

Owner—Washington Union High School District, Easton.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Harris Const. Co. 577 McKinley Ave, Fresno.

Other bids follow:  
 T. C. and W. H. Irwin ..... \$7,551  
 Midstate Const. Co. .... 7,623  
 L. H. Hansen & Son ..... 7,995  
 Trewhitt-Shields & Fisher ..... 7,995  
 Richmond Const. Co. .... 8,075  
 R. E. Jolly ..... 8,100  
 All of Fresno.

**Contract Awarded**  
**GYMNASIUM** Cont. Price, \$7,498  
**EASTON, Fresno Co., Calif.**

One - story reinforced concrete gymnasium bldg. (boys' unit), composition roof, steel sash, metal partitions.

Owner—Washington Union High School District, Easton.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Contractor—Harris Const. Co. 577 McKinley Ave, Fresno.

Other bids follow:  
 T. C. and W. H. Irwin ..... \$7,551  
 Midstate Const. Co. .... 7,623  
 L. H. Hansen & Son ..... 7,995  
 Trewhitt-Shields & Fisher ..... 7,995  
 Richmond Const. Co. .... 8,075  
 R. E. Jolly ..... 8,100  
 All of Fresno.

**BIDS WANTED**  
**GORMAN, Los Angeles Co., Cal.**—Until Nov. 19, 7:30 P. M., bids will be received by the Quail Lake School District for a one-story frame and stucco school building to be built at Gorman; est. cost, \$36,400. Richard W. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles.

**Bids Rejected**  
**PORTABLE** Est. Cost, \$3,690  
**BERKELEY, Alameda Co., Cal.** Tacoma and Colusa Sts.

Portable steel frame classroom addition to Thousand Oaks School.

Owner—Berkeley Unified School Dis-

trict (Clara F. Andrews, Secy.), 2525 Milvia St.  
 Architect—John B. Anthony, 2014 Shattuck Ave., Berkeley.  
 Bids ran high and were rejected. Adam Arras & Son, 4008 18th St., San Francisco, submitted low bid at \$7,167.

**Bids Wanted—To Close Nov. 17, 11:30 A. M.**  
**RECONSTRUCTION** Cost, \$.....  
 RICHMOND, Contra Costa Co., Cal. Reconstruct and complete a 2-story classroom unit at Stege Grammar School.

Owner—Richmond Union High School District (Walter T. Helms, Clerk) Architect—Not Given.

Plans the specifications may be obtained at the office of the Board of Education, Richmond School District, upon deposit of \$10.00.

But, must be accompanied by a cash bond or certified check payable to the Clerk, in the amount of 10%.

**Bids Wanted—To Close Nov. 24, P. M.**  
**SCHOOL ADDN.** Est. Cost, \$80,000  
 BERKELEY, Alameda Co., Cal. NE Milvia and Virginia Sts.

First unit of Whittier Elementary School addition consisting of an auditorium, cafeteria and 5 classrooms.

Owner—Berkeley Unified School District.

Architects—P. L. Dragon and C. R. Schmidts, E. R. Hardman and G. Officer, 2068 Allston St., Oakland. Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Plans and specifications may be obtained from the architects' office, room 205, upon deposit of \$25.00.

Bids will be opened in the Board Room of the school district.

Second unit of the work, consisting of additional classrooms, offices, etc., estimated cost, \$60,000, will go ahead next June. Work is being financed by taxation, not PWA funds.

**Bids Wanted—To Close November 16, 8:00 P. M.**

**ADDITIONS** Est. Cost, \$36,000  
 BUTTONWILLOW, Kern Co., Calif. Additions to Buttonwillow Union School.

Owner—Buttonwillow Union School District.

Architect—Symmes & Willard; Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable from the architect's office upon deposit of \$10.

Certified check or bond for 10% required.

**BIDS WANTED**  
 REDLANDS, San Bernardino Co., Cal. Until Nov. 19, 12 Noon, bids will be received by the Redlands Bd. of Education for a 3-story brick structure, located at Olive and Center Streets in Redlands. Specifications are obtainable from the school superintendent, High School, Redlands. Marsh, Smith, Powell, architects, 508 Architects' Bldg., Los Angeles.

**Bids Wanted—To Close November 29, 2:00 P. M.**

**SCHOOLS** Cost, \$175,950  
 SELMA, Fresno Co., Calif. Garfield to contain ten classrooms, offices, rest room, library and auditorium to seat 500; and Washington to contain 8 classrooms, offices, library and rest room).

Owner—Selma Elementary School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Grant in the amount of \$79,191 allotted by PWA.

Plans and specifications obtainable from the Architect's office.

**Planned**  
 GYMNASIUM Cost, \$.....  
 DUNSMUIR, Siskiyou Co., Cal. New gymnasium building at Dunsmuir High School.

Owner—Dunsmuir Union High School District (Cethil Jones, Pres.).

Architect—Not Selected.

Construction is indefinitely planned to start within a few months. 15

#### TO PREPARE PLANS

REDLANDS, San Bernardino Co., Cal.—Architects Marsh, Smith and Powell, 508 Architects' Bldg., Los Angeles, have been authorized by the Redlands Board of Education to proceed with working plans for a new 1-story school building (8 classrooms and auditorium) to be built on the site of the old McKinley School.

Bids are now being taken for demolition of a 3-story brick building now on site.

**BIDS WANTED**

VENTURA, Calif.—Until Nov. 17, 7:30 p.m., bids will be received by the Ventura Elementary School District for the first unit of a new school plant to be built at Howard St. and Thompson Blvd., Ventura. All available plans for the project have already been distributed.

Roy C. Wilson and Geoffrey N. Lawford, Say Rd., Santa Paula, architects; Manley Sahiberg, Architects' Bldg., Los Angeles, structural engineer.

**TO PREPARE PLANS**

RIVERSIDE, Calif.—Architect G. Stanley Wilson, 416 Mission Inn, Riverside, has been commissioned by the Riverside Board of Education to prepare plans for a shop building to be built at Polytechnic High School in Riverside. It will be a 1-story structure, with a floor area of 15,000 sq ft., and will cost approximately \$50,000.

**Contract Awarded**

SCHOOL Cost, Price, \$28,100  
 STOCKTON, San Joaquin Co., Calif. One-story frame and brick veneer school building (five classrooms, recreation room, principals' office, lavatories, etc.) wood sash, composition roof, linoleum in halls.

Oregon pine classroom floors, insulated roof, etc.

Owner—Grant Grammar School District.

Architect—Joseph Losekann, 1032 N. Madison St., and J. N. Cloudsley Exchange Bldg., Stockton.

Structural Engineer—Ernest D. Francis, Cronin Bldg., Sacramento.

Contractor—Samuel Eyre, 57 W. 10th St., Tracy.

**Planned**  
 GYM & POOL Cost, \$0,000  
 CHICO, Butte Co., Calif. Between Citrus Ave. and Warner St. on site of present athletic field.

Gymnasium building (126x255-feet), with outdoor swimming pool adjoining.

Owner—Chico State College (Dr. A. J. Hamilton, president).

Architect—Not Selected.

**BIDS WANTED**

KERN COUNTY, Cal.—Until Nov. 18, 8 P. M., bids will be received by the Fairfax School District for an addition to the Fairfax school in Kern County; estimated cost, \$12,000. Plans obtainable from Symmes & Willard, Stanton Willard, architect, 215 Haberfelde Bldg., Bakers-

field, upon deposit of \$10, returnable. Certified check or bond for 10% required.

#### LOW BIDDERS

LONG BEACH, Cal.—Duff & Vandenhoggen Co., 733 W. 14th St., Long Beach, submitted low general bid to the Long Beach Board of Education at \$137,330, for complete construction of the steel frame music and arts building at Polytechnic high school site. Other low bidders were: Economy Pibg. & Htg. Co., 537 West 9th St., Long Beach, on the plumbing at \$67,000; American Engrs. & Contra., 3030 Oregon St., Los Angeles, on the heating at \$13,153; Kuster-Wetzels Bld. Co., 214 E. Broadway, Long Beach, on electric at \$9776. Hugh R. Davies, architect, 430 E. Ocean Avenue, Long Beach.

**Bids Wanted—To Close Nov. 18, 11 A. M.**

**SCHOOL ANNEX** Cost, \$.....  
 MERCED, Merced Co., Calif. One-story frame classroom annex to Galen-Clerk School.

Owner—Merced Union Elementary School District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Plans and specifications may be obtained from the architect's office and from the office of W. E. Edesee Engineer, Merced. Bids will be opened at the John Muir School.

**Preparing Preliminary Plans**

SCHOOL Est. Cost, \$50,000  
 TRACY, San Joaquin Co., Calif. Eaton Ave. bet Parker and Holly Drive.

New elementary school.

Owner—Tracy Elementary Sch. Dist. (Henry A. McCrory, Clerk).

Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

**Bids Wanted—To Close Dec. 3, 2 P. M.**

ASSEMBLY HALL Est. Cost, \$30,000  
 COURTLAND, Sacramento Co., Calif. One-story frame and stucco assembly building with balcony to seat 800, composition roof, stage equipment, etc., at Courtland High School.

Owner—Courtland Joint Union High School District.

Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office.

Bids will be opened in the principal's office at the Bates Union Grammar School.

**BIDS WANTED**

SAN BERNARDINO, Calif.—Until Dec. 2, 8 p.m., bids will be received by the San Bernardino High School District for the construction of concrete and wood frame commercial and cafeteria buildings at the senior high school, 18th and E. Sts., San Bernardino, a PWA project. Plans may be obtained from Architect E. Chas. Parke, 1 Fuller Bldg., San Bernardino, upon deposit of \$25, returnable. Certified or cashier's chk. or bond for 5% required. Estimated cost, \$150,000.

15

**IC—BANKS, STORES AND OFFICES**

ALTERATIONS & ADDITIONS Cost, \$25,000

EUREKA, Humboldt Co., Cal. 7th and F Streets.

Alterations and additions to the Eureka Inn.

Owner—Lee Lebenbaum, 7th and F Sts., Eureka.

Architect—Not Selected.  
Construction is scheduled to start shortly.

**PLANS BEING FIGURED**  
**RIVERSIDE, Cal.**—Until Nov. 15, Henry L. Jekel, 5063 Magnolia Ave., Riverside, is taking bids for a 2-story reinforced concrete store building, 95 x 150 ft. in area, to be built on the southeast corner of 7th and Main Streets, Riverside, for a syndicate headed by W. C. Evans. Sears, Roebuck & Co. will occupy one-half of the building. A 3-story brick structure now on site will be razed.

**CONTRACT AWARDED**  
**SAN CLEMENTE, Orange Co., Cal.**—Strang Bros. Constr. Co., 212 Calle Marina, San Clemente, has the contract for erection of 2-story fireproof building at the intersection of Avenida Granada, Avenue Del Mar and Acebo Lane, San Clemente, for the School of Applied Metaphysics; Arvilla M. Redfern, founder. Manfred DeAhna, architect, 407 Mermaid, Laguna Beach.

**Contract Awarded**  
**STORE BLDG.** Cost, \$9,500  
**SAN FRANCISCO, E West Portal**  
223 S Vicente St.

Two-story frame store building.  
Owner—J. P. Pinto, 25 State Street.  
Architect—Harold G. Stoner, 35 Vincent Street.

Contractor—Mission Concrete Co., 272 Turk Street.

**Sub Contracts Awarded**  
**OFFICE BLDG.** Cost, \$.....  
**CONCORD, Contra Costa Co., Calif.**  
Antioch Road.

Office building and warehouse.  
Owner—Coast Counties Gas & Electric Co. (R. L. Hayden, Division Manager).

Plans by Engineering Department of Owner.

Contractor—D. Nordstrom & Co., Builders' Exchange, Oakland.  
**Plumbing**—H. Lasa & Son, 5300 Cole St.

**Electric Wiring**—Paul Vahell, Orinda Glass—W. P. Fuller, 259 10th St.  
**Iron Grille Work**—Independent Iron Works, 821 Pine St.

**Grading and Concrete**—Nat Lena, 1174 19th St.  
**Lumber**—Diamond Match Co., Concord.

**Hardware**—Maxwell Hardware Co., 1329 Washington St.  
**Painting**—Turgeon Painting Co., 2059 Webster.

**Reinforcing Steel**—McGrath Steel Co., 354 Hobart St.  
All of Oakland unless otherwise noted.

**Preparing Working Drawings**  
**OFFICE BLDG.** Est. Cost, \$7,000  
**SANTA ROSA, Sonoma Co., Calif.**  
Santa Rosa Avenue.

One-story reinforced concrete store building (40x50-ft.) tile roof.

Owner—Mr. Clark c/o architect.  
Architect—Wm. H. Herbert, Rosenberg Bldg., Santa Rosa.

Preliminary plans have been approved by the owner.

**Preparing Working Drawings**  
**ALTER STORE** Est. Cost, \$4,000  
**SAN FRANCISCO, Geary Blvd.**  
Alter store building.  
Owner—Withheld.

Architect—Conrad T. Kett, 519 California Street.  
Preliminary plans have been approved by the owner.

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—S. N. Benjamin, 715 E. 16th St., Los Angeles, awarded contract for construction of a 2-story reinforced concrete store

building (103 x 90 ft.) at 1160 Westwood Blvd., West Los Angeles, for the Janss Inv. Co., 1081 Westwood Blvd.; Sontag Drug Stores, lessee; cost, \$58,000. Gordon B. Kaufmann, architect, 627 S. Carondelet St., Los Angeles.

**Construction Indefinitely Postponed**  
**CAFE BLDG.** Cost, \$.....  
**YOLCO CO., Calif.** Across "M" Street bridge from Sacramento.

One-story frame and stucco restaurant building, to be known as Tiny's Rendezvous (air conditioned).  
Owner—Macia, Nyberg & Coultis, Inc. Tiny's Coffee Shop, Sacramento.

At previous bid opening L. L. Watson, 1768 11th Ave., Sacramento, at \$15,000 submitted low general bid. However, contract was not awarded and work has been indefinitely postponed.

**CONTRACT AWARDED**  
**FRESNO, Fresno Co., Calif.**—C. L. Peck, 354 S. Spring St., Los Angeles, awarded contract for erection of a one-story reinforced concrete sales and service building (100x80-ft.) on the northeast corner of Safford and "H" Sts., Fresno, for Byron Jackson Co. Cost approx., \$40,000. Murray Erick, 511 W. 7th St., Los Angeles, structural engineer.

**CONTRACT AWARDED**  
**VENTURA, Ventura Co., Calif.**—Schoenberger Bros., 1640 Obispo Ave., Long Beach, awarded contract for 1-story frame and stucco office building (40x50-ft.) and garage (30x12-ft.) to be built on Ventura Avenue, Ventura, for Schlumberger Well Surveying Corp. Francis H. Gentry, Jurgens Trust Bldg., Long Beach, engineer.

**17— THEATRES**

**BIDS WANTED**  
**INDIO, Riverside Co., Calif.**—Until Nov. 16, Noon, Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, is taking general contract bids for a reinforced concrete motion picture theater with 550-seat auditorium, to be built in Indio for Terry McDaniel.

**Preparing Working Drawings**  
**REMODELING** Est. Cost, \$12,000  
**PETALUMA, Sonoma Co., Calif.**  
Remodel present Mystic Theatre (to be re-named the State Theatre).  
Owner—Petaluma Theatres, Inc.  
Architect—A. A. Cantin, 64 Pine St., San Francisco.

**Planned**  
**ALTER THEATRE** Cost, \$25,000  
**WILLOWS, Glenn Co., Calif.**  
Alterations and improvements to the present Rialto Theatre (cooling and ventilation system).

Owner—Fred and Lee Naify and Fred Sahl, San Francisco.  
Architect—Not Given.  
Contractor—Sahl Bros., 25 Taylor St., San Francisco.

**BIDS WANTED**  
**INDIO, Riverside Co., Calif.** Until Nov. 16, M. Architect C. A. Balch, 1914 S. Vermont Ave., Los Angeles, is taking general contract bids for a motion picture theatre (600 seating capacity) to be built in Indio for Terry McDaniel.

**18— WHARVES & DOCKS**

**PLANS COMPLETED**  
**LOS ANGELES, Cal.**—Metro-Goldwyn-Mayer Studios engineering department, Culver City, have completed plans and specifications for a new wood frame scene dock (222 x

140 ft.) to be built at the studios. Bids will be taken this week. Work will be done under the supervision of Arthur McArthur, architect; Cyril P. Hubert, structural engineer; John Tooin, plant superintendent, and Wm. Koenig, studio manager. 18

**19—MISC. CONSTRUCTION**

**RECOMMENDED FOR AWARD**  
**HELMISTON, Ore.**—Newport Construction Co. and Kern & Kibbe, 42 SE Salmon, Portland, Oregon, at \$107,638.48, was recommended for award by the Umatilla Electric Cooperative Assn., J. H. Reid, Secretary, for the construction of 139 mi. of electric distribution line in Umatilla and Morrow Counties, Oregon.

**Bids Opened**  
**ADDITION** Cost, \$.....  
**SONOMA CO., Cal.** Near Guerneville, Korbek Ranch.  
Two-story concrete addition to winery.  
Owner—Korbek and Brothers.  
Architect—John Easterly, Healdsburg and Santa Rosa.  
Low Bidder—Walter L. Olsen, 238 Carrizo St., Santa Rosa, \$14,358.  
Other bids were:  
W. C. Tait, San Francisco ..... \$15,814  
C. L. Personett, Santa Rosa 15,823  
F. J. Early, San Francisco 15,996

**COMPLETE BIDS**  
**COWLITZ CO., Wash.**—NePage-McKenny Co., 804 Sixth St., Seattle, at \$73,552.45 (5), was recommended for award by the Cowlitz County Public Utility District No. 1, Jas. A. Doyle, Secretary, Longview, for the construction of about 83 miles of electric distribution lines in Cowlitz County. Estimated cost, \$58,000.

Bids received on:  
(1) Copperweld with plant treated poles;  
(2) Copperweld with field treated poles;  
(3) ACSR conductor with plant treated poles;  
(4) ACSR conductor with field treated poles;  
(5) Copper conductor with plant treated poles;  
(6) Copper conductor with field treated poles.  
Total bids follow:  
NePage-McKenny Co., 804 6th St., Seattle (1) \$79,017.83; (2) \$78,627.73; (3) \$75,558.38; (4) \$75,479.28; (5) \$73,552.45; (6) \$73,132.25.  
Fritz Ziebarth, Long Beach, Calif. —(1) \$76,113.50, (3) \$73,995.80; (5) \$73,203.80

H. C. Moss Constr. Co.—(1) \$78,659.55; (2) \$78,345; (3) \$75,918.80; (4) \$75,563.25; (5) \$75,501.15; (6) \$75,414.60  
S. S. Montague, Portland—(1) \$80,884.16; (3) \$78,571.72; (5) \$77,690.54.  
Oregon Const. Co.—(1) \$81,035.31; (3) \$77,679.21; (5) \$79,366.31.  
Parlor-88 fram Co., Portland—(1) \$82,418.50; (3) \$81,428; (5) \$80,017.

Van S. McKenny Co., Seattle—(1) \$90,127.93, (2) \$90,409.62; (3) \$88,152.49, (4) \$88,446.10; (5) \$86,293.37; (6) \$86,590.41.

**BIDS WANTED**  
**ALAMEDA, Calif.**—Until Nov. 16, 8:15 p.m., bids will be received by the Alameda City Council, City Clerk, City Hall, Alameda, for constructing a tennis court and the tennis court at Haight Avenue and Linden Street, Alameda.  
Plans and specifications may be obtained at the above office. \* 19

**CONTRACT AWARDED**  
**SANTA MONICA, Los Angeles Co., Cal.**—Schlumberger & Wilberg, 2017 21st St., Santa Monica, will build a 1-story reinforced concrete stadium building 120 ft.

in diameter in Santa Monica for Joseph L. Zerboni.

### PLANS BEING FIGURED

**SANTA MONICA, Los Angeles Co., Cal.**—Edward C. Taylor and Ellis W. Taylor, architects and engineers, 803 W. 3rd St., Los Angeles, have completed plans and are taking bids from a closed, selected list of contractors for paving a yard area at the Douglas Aircraft plant in Santa Monica. The area to be paved, which is 200x350 ft., will be covered with 5 inches of concrete reinforced with mesh. Work will also include some retaining walls.

### BIDS OPENED

**HEMISTON, Ore.**—Following submitted bids to the Umatilla Electric Cooperative Assn.: J. H. Reid, Secretary, for the construction of 120 miles of electrical distribution line in Umatilla and Morro Cos., Oregon.

Bids were received on:

- (1) copper conductor;
  - (2) copperweld;
  - (3) ACSR conductor.
- Total bids follow:

Oregon Cont. Co.: (1) \$109,835; (2) \$187,702.50; (3) \$114,630.  
S. S. Montague, Portland: (1) \$114,595.61; (2) \$121,358.50; (3) \$114,032.39  
Rohlfers & Broad: (1) \$109,723.35; (2) \$116,135.64; (3) \$133,853.92

Fritz Zeibarth, Long Beach: (1) \$119,637; (2) \$124,276; (3) \$122,892.  
Newport Const. Co. and Kern and Kibbe: (1) \$107,638.48; (2) \$112,732.35; (3) \$109,792.48

McFague & McKenny Co., Seattle: (1) \$116,421.11; (2) \$124,784.31; (3) \$117,351.49

Parlier - Schram Co., Portland: (1) \$110,732.50; (2) \$116,735.50; (3) \$109,831.50

Home R. G. Johnson: (1) \$110,956.60; (2) \$116,734.80; (3) \$108,565

## 20— MISC. SUPPLIES AND MATERIALS

### BIDS WANTED

**ALAMEDA, Alameda Co., Calif.**—Until November 16, 8 P. M., bids will be received by the Alameda Board of Education, Alameda Unified Sch. District of Alameda County, Wm. G. Faden, Sec'y, Administration Bldg., Oak St. and Alameda Ave., for furnishing and delivering one power shear and one brake, hand, hox and pan.

Plans and specifications may be obtained at the above office.

### BIDS OPENED

**LOS ANGELES, Calif.**—Following submitted bids to the U. S. Engineer, Los Angeles, for steel sheet piling, 600 ft. long, interlocking, type 22 lbs per sq ft. of wall delivered to Playa del Rey Lagoon on Ballona Creek and of 60 cars contractor's shipping point. Circ. Prop. 101.

- The items are:
- (1) 4200 cwt (47 pcs. 25 ft. long);
  - (2) 500 cwt (54 pcs. 50 ft. long);
  - (3) 6212 cwt (51 pcs. 34 ft. long);
  - (4) 821 cwt (one corner, 30 ft. long, 100 lbs. turned out);
  - (5) 821 cwt (one no.).

Bids were (per cwt.):  
Bethlehem Steel Co.: (1) (2) (3) \$3.75; (4) and (5) \$4.17; new material delivered to job; shipped from Chicago, delivered to job; shipped from Chicago, delivered to job; bill of lading allow \$1.02 cwt. and equalize freight; disc. 1/2 of 1% on basing point values of \$2.70 cwt. for items 1, 2 and 3 and \$3.15 cwt. on items 4 and 5.

Inland Steel Co.: (1) (2) and (3), \$2.97; (4) and (5) \$3.72; new material; delivered to job; shipped from Quincy, Ill.; bill of lading on gov't. bill of lading allow \$1.02 cwt. and equalize freight; disc. 1/2 of 1% on basing

point values of \$1.95 on items 1, 2 and 3, and \$2.70 on items 4 and 5.

Bethlehem Steel Co.: New material (1) (2) and (3), rail and water shipment, \$3.075; (4) and (5) rail and water, \$3.375; (4) and (5) delivered to job site; shipped from Lackawanna and Buffalo; if shipped on gov't. bill of lading, all rail, allow \$1.17 cwt.; rail and water, item 1, 2, and 3, \$3.05 and 4 and 5, \$2.80, and equalize freight; disc. 1/2 of 1% on basing point values of \$2.70 cwt. on items 1, 2 and 3, and \$3.15 on items 4 and 5. Part New and Part Used material: (1) used, rail and water, \$2,025, all rail \$2.72; (2) 26 pcs. used, rail and water, \$2,025, all rail \$2.72; (3) new, rail and water, \$3,075, all rail, \$3.72; (4) new, rail and water, \$3,075, all rail, \$3.72; (5) used, rail and water, \$2,775, all rail, \$3.47; delivered to job; 47 cars shipped from Port Arthur, Tx., and 47 cars shipped from Buffalo, N. Y.; if shipped on gov't. bill of lading allow \$3.2 cwt. and equalize the freight; disc. 1/2 of 1% on basing point values of (rail and water) items 1 and 2, 2; pt. item 2 and all items 3, \$3.65; item 4, \$3.80; item 5, \$2.75; (rail) items 1 and 2, \$1.70; pt. item 2 and all items 3, \$2.70; item 4, \$3.45; item 5, \$2.45.

### CONTRACT AWARDED

**SACRAMENTO, Calif.**—Del Pao Rock Products Co., H Street Road, Sacramento, at \$3.50 per ton, was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing 1000 tons asphaltic concrete mixture, for the Street Maintenance Division. \* 20

### CONTRACT AWARDED

**ALAMEDA, Cal.**—John A. Roehling's Sons Co., of Calif. 16 Folsom St., San Francisco, at \$2,663.50 (paper), was awarded contract by the Alameda City Public Utilities Board, G. A. Baxter, Secretary, 2440 Santa Clara Ave., Alameda, for furnishing insulated lead-covered cable. \* 20

### BIDS WANTED

**LOS ANGELES**—Bids for 2400 ft. 18-in. diam tie in 2 ft. lengths, Circ. Prop. 99, opened by U. S. Engr., Los Angeles, Nov. 4, were:

Identical bids were submitted at \$2160 by J. W. Black Co., Pacific Clay Prod. and Gladding McBean & Co.

L. A. Brick & Clay Prod. Co., \$2,160, 60 days delivery; alt. bid, bell and spot sewer pipe in 4-ft. lengths, \$2940.

Eastside Pipe Mats Co., \$2311.20.  
Frank J. Moran, Ontario, alt. bid on T & C concrete pipe, \$45 ft. \* 20

### BIDS OPENED

**LOS ANGELES, Cal.**—Patten-Blinn Lumber Co., at \$625.40, 25% 30 days, submitted low bid to U. S. Forest Service, Los Angeles, for redwood, D F flooring, No. 1 common D F, SIS, and comp shingles delivered to Arroyo Seco Whse, Bid 1741. Other bids were:

Hammond Lumber Co.—\$676.90; 5%  
E. K. Wood Lbr. Co.—\$687.60; 5%  
Orban Lbr. Co.—\$703.60; 5%  
C. Ganahl Lbr. Co.—\$736.50; 5%  
Lounsbury & Harris—\$747.70; 5%  
Owens-Parks Lbr. Co.—\$756.50; 5%  
Globe Lbr. Co. (partial bid); no bid on items 27, 28 and 29)—\$693.10; 2%.

### BIDS WANTED

**GLENDALE, Los Angeles Co., Cal.**—Until Nov. 15, 10 A. M., bids will be received by the Glendale City Council for furnishing copper wire as follows:

- (1) 25,000 lbs. No. 6 AWG solid stranded;

- (2) 20,000 lbs. No. 4 do;
  - (3) 20,000 lbs. No. 2 do;
  - (4) 50,000 lbs. No. 2/0 AWG 7-strand;
  - (5) 10,000 lbs. No. 4 do;
  - (6) 1000 ft. No. 10 solid strand varnished chambric insulated with waterproof cotton braid;
  - (7) 2500 feet single conductor lead covered cable No. 6 solid strand with varnished chambric insul;
  - (8) 7500 ft. single conductor lead covered cable No. 4 AWG 7-strand copper with var. chambric insul;
  - (9) 10,000 ft. 4-conductor No. 6 type "S" unarmored 7-strand 10-conductor, insul. cable.
- P. Deiderick, plant supt. G. E. Chapman, city clerk. \* 20

### BIDS OPENED

**LOS ANGELES, Cal.**—Following submitted bids to the U. S. Engineer, Los Angeles, for 32,400 tons coarse aggregate and 16,100 tons sand delivered into Government batch trucks at contractor's batch plant and/or stock piles at Verdugo Road and Monterey St., Glendale; Circ. Prop. 102. Bids received on:

- ALTERNATE NO. 1**  
(1) 45,500 lbs. coarse aggregate and sand batched for 1/2 or 1-c.y. mixer;
- ALTERNATE NO. 2**  
(1) 14,300 c.y. coarse aggregate 1 1/2-in. to 3/4-in. size;

(2) 9,700 c.y. coarse aggregate 1-in. to No. 4 mesh size;

(3) 11,950 c.y. sand.

The bids were:  
Consolidated Rock Prod. Co.—Alt. No. 1 (1) \$157 ton; total, \$76,145; disc \$0.20 ton 25th prox. Alt No 2 (1) (2) and (3) \$1.62; total, \$58,239; disc \$0.20 c.y. 25th prox. Batch plant and plant located at Roscoe.

P. J. Akmadzich (City Rock Co.)—Alt No 1 (1) \$1.30; total, \$53,050. Alt No 2 (1), (2) and (3) \$1.32; total, \$47,812.50. Batch plant adjacent to Hyperion bridge; plant, San Fernando Valley; net.

Arrow Rock Co.—Alt No 1 (1) \$1.55; total, \$75,175. Alt No 2 (1), (2) and (3) \$1.60; total, \$57,520. Batch plant, 1/2 mi from Hyperion bridge; plant, Monrovia; disc 5% 30 day.

Azusa Rock & Sand Co.—Alt No 2 (1) (2) and (3) \$1.60; total, \$57,500. Plant, Azusa; disc \$0.20 yd 25th prox. Eastside Batch Mats Co.—Alt No 2 (1) and (2) \$1.86; \$1.59; total, \$63,640.50. Plant, Roscoe; disc \$0.20 c.y. 25th prox.

**BIDS OPENED**  
**ALTURAS, Modoc Co., Cal.**—Sangamo Electric Co., 1061 Howard St., San Francisco, at \$10,881.50, submitted low bid to the Surprise Valley Electrification Corp., Allan Sickler, Engineer, Bell Bldg., Alturas, for furnishing Watthour meters and sockets.

Work involves:

- WATTHOUR METERS:**
- (1) 25 single phase, 15 amp, 115 volt;
  - (2) 25 single phase, 15 amp, 115 volt;
  - (3) 100 single phase, 5 amp, 115/230 volt;
  - (4) 500 single phase, 15 amp, 115/230
  - (5) 25 triple phase, 15 amp, 230 volt;
  - (6) 25 triple phase, 25 amp, 230 volt.

**SOCKETS:**  
(1) 100 1-inch conduit size;  
(2) 900 1 1/4-in. conduit size.

Total bids follow:  
(A) Sangamo Electric Co., 1061 Howard St., San Francisco—\$10,881.50.

(B) Westinghouse Electric & Mfg. Co.—\$10,886.

(C) Duncan Watthour Meters—\$10,966.50

(D) General Electric Co.—\$11,036.75.

Unit prices follow:  
(A) (B) (C) (D)  
(1) \$ 7.70 \$ 7.70 \$ 7.70 \$ 7.80

(2).....	8.12	8.12	8.12	8.22
(3).....	8.55	8.50	8.55	8.69
(4).....	9.00	9.00	9.00	9.11
(5).....	18.50	18.50	19.50	19.73
(6).....	22.50	22.88	22.50	22.84
(7).....	137.00	137.00	137.00	137.00
(8).....	1269.00	1269.00	1276.00	1278.00

**BIDS WANTED**

SAN FRANCISCO.—Until Nov. 19, 3 p. m., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 6101, for furnishing material for the various City Departments and Institutions for the term Dec. 1, 1937, to Nov. 30, 1938.

Plans and specifications may be obtained at the above office.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—P. J. Akmd-bich, at \$47,813.50 was awarded contract by the U. S. Engineer, Los Angeles, for aggregate and sand. Bids for 32,400 tons coarse aggregate and 15,100 tons sand delivered to Govt. batch tracks at contractor's batch plant and/or into govt. batching plant or stockpiles at Verdugo Road and Monterey St., Glendale; Circ. Prop. 102.

**CONTRACT AWARDED**

GOVERNMENT ISLAND, Calif.—Ray Foucar & Simon, 512 Folsom St., San Francisco, at \$210.06 by lot, 1/2 of 1/2, 30 days, was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5283, for furnishing steel and iron; f.o.b. Willows, Calif. \* 20

**CONTRACT AWARDED**

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$1.08 per ton, submitted low bid and was awarded contract by the U. S. Engineer, San Francisco, for furnishing 10,000 tons crusher run base rock; f.o.b. Oakland Airport.

Blake Bros., at \$1.35, submitted only other bid.

**BIDS OPENED**

OAKLAND, Cal.—James Bell Co., 2211 Market St., Oakland, at \$6798 each, submitted low bid to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 100 refuse containers.

Geo. Goodman, at \$7.95 each, submitted only other bid. \* 20

**RECOMMENDED FOR AWARD**

SAN FRANCISCO.—Commercial Iron Works, 412 SE Stephens Street, Portland, Oregon, at \$31,292.87, submitted low bid and was recommended for award by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 585-28-83, for furnishing all materials, fittings, equipment, tools, etc., and performing all work for drydocking, painting and repairing the U. S. seagoing dredge, "San Pablo."

Total bids follow (net evaluated): Commercial Iron Works, 412 SE Stephens St., Portland, \$31,292.87. Bethlehem Shipbuilding Corp., San Francisco—\$34,246.67.

Moore Dry Dock Co., Oakland—\$37,366.80.

General Engineering & Dry Dock Co., San Francisco—\$37,350.67. \*

**BIDS OPENED**

OAKLAND, Calif.—Heafey-Moore Co., 344 High St., Oakland, at \$0.85 per ton, submitted low bid to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 1000 tons of crusher run base for the Street Department.

Superior Rock Co., Oakland, at \$0.99 per ton, submitted only other bid.

**BIDS OPENED**

SAN FRANCISCO.—Standard Fence Co., 471 Bay Shore Blvd., at \$3,778.42 net submitted low bid to T. A. Brook, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1921, for installing fencing for the San Francisco Airport, WPA Project.

Total bids follow: Standard Fence Co., \$3,778.42 net. Wickwire Spencer Steel Co., \$4,583.68 net, 30 days.

Pacific Fence Co., (including \$230.00 freight from Los Angeles) \$4,794.41 net.

Anchor Post Fence Co., \$4,613.86 net. Kamlan Fence Co., \$4,927.40 net.

**BIDS WANTED**

LOS ANGELES, Calif.—The Los Angeles Board of Education is now receiving bids for special light fixtures in the following high schools:

Until Nov. 19, 2 p. m., for the new buildings at the Louis Pasteur Jr. High School, 3921 W. 18th St.; for main building at the Central Junior High School, 451 N. Hill St., and for new buildings at the Florence Nightingale Junior High School, 3311 N. Figueroa St.

Until Nov. 26, 2 p. m., for the assembly hall at the Manual Arts High School, 4131 S. Vermont Ave.; the administration building at the Virgil Junior High School, 152 N. Vermont Ave. and the assembly hall at the Thomas Jefferson High School, 1319 E. 1st St.

Until Nov. 30, 2 p. m., for the assembly hall at the San Pedro High School, 1001 W. 15th St., San Pedro, and the assembly hall at the South Gate High School, 3351 Firestone Blvd., South Gate.

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

ALTER dwelling, \$900; 2544 Baker; owner, F. Boland, premises; contractor, E. J. Lehman, 511 Sharon St.

ALTER dwelling, \$275; 3676 Mission St.; owner, Wm. G. Poole, prem. SIGN, electric, \$50; 260 Valencia St.; owner, Don James, prem.; contractor, State Manufacturing Co., 95 Rausch St.

BILLBOARD, \$7; NE Golden Gate and Divisadero; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER flats, \$700; 141-46 27th St.; owner, Home Development Co., 2344 Mission St.

FIRE WALLS, \$350; 1452 Bush St.; owner, R. Bentley, et al, 268 Market St., contractor, J. A. Terry, 288 Market St.; engineer, Robert A. Hanson, 608 Indiana.

ALTER store, \$150, 3014 22nd Street; owner, The Acme Co., premises; contractor, Sun Lee, 113 Waverly Place.

ALTER apt house, \$460; 1530 California St.; owner, L. King, 128 Erie St., contractor, Ed. Rosemont, 176 Duboce Ave.

ALTER dwelling, \$25; 4400 25th St.; owner, Mr. McCormick, premises; contractor, J. Hefferman, Jr., 3953 29th St.

ALTER garage and apts., \$500; 991 Innes St.; owner, Paul and Helen Runge, 991 Innes St.

ALTER warehouse, \$800.00; 316-324 Drumm St.; owner, American Trust Co., agents, 454 California St.; contractor, L. A. Hinson, 756 4th Ave.

ALTER restaurant, \$500; 709-23 Folsom St.; owner, United Building Const. Co., 231 Bush St.

SIGN, electric, \$50; 1336 Post St.; owner, Auburn-Cord Agency, 1336 Post St.; contractor, State Mfg Co., 35 Rausch St.

SIGN, electric, \$326; 6135 Geary

owner, J. P. Miranda, premises; contractor, J. K. Herzog Electric Co., 370 Van Ness Ave. South. ALTER garage, \$150; W Corbett 170 S Hopkins; owner, E. R. Zlon, 3870 Market St.

FLUE, \$35; 215 Schwerin St.; owner, A. Patrono, premises; contractor, J. A. Marshall, 4447 Mission.

ALTER office and store, \$750; 870 Market St.; owner, Flood Realty Co., 870 Market St.

SIGN, electric, \$300; 2070 Mission St.; owner, Armory Market, premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

FLUES, \$85; 236 Van Ness Avenue; owner, S. J. Moore, 755 Sutter; contractor, J. W. Smith, 128 Bartlett St.

SIGN, electric, \$250; 833 Mission St.; owner, Peoples Furniture Co., 833 Mission St.; contractor, Electric Prod. Corp., 910 Harrison St.

BARBECUE pit, \$20; 229 32nd Ave.; owner, B. Burke, 2065 Jackson St.

SIGN, electric, \$100; 1600 Mission St.; owner, Union Oil Co., (premises); contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; NE Pierce and Lombard Sts.; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 1298 Valencia; owner, Union Oil Co., premises; contractor, Elec. Prod. Co., 91 Harrison St.

ALTER dwelling, \$250; 2942 Griffln St.; owner, A. Chioino, c/o contractor, contractor, E. Lombardi, 1218 Hollister Ave.

ALTER hotel, \$200; 32 Sacramento; owner, Hastings Est., c/o contractor, contractor, D. C. McCabe, 430 Call Bldg.

ALTER offices, \$400; 225 Bush St.; owner, Standard Oil Co. of Cal., 225 Bush St.; contractor, Lindgren & Swinerton, Inc., 225 Bush.

ALTER dwelling, \$300; 1128 Irving; owner, Mr. Owen, premises; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.

ALTER office and store, \$500; 870 Market St.; owner, Flood Realty Co., 870 Market St.

ALTER apt house, \$219; 137 Hayes Street; owner, Dudley Perkins, premises; contractor, Wonderlite Neon Products Co., 170 Otis St.

ALTER tavern, \$14; 1692 Fillmore; owner, David Eisenbach, 2340 Sutter St.

ALTER store, \$100; 3925 Sacramento St.; owner, James Zeber, premises.

ALTER dwelling, \$50; 22 Jersey St.; owner, C. P. Murphy, premises.

SIGN, electric, \$100; 1492 Ocean Ave.; owner, Union Oil Co., premises; contractor, Electric Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 559 Irving St.; owner, Union Oil Co., premises; contractor, Electric Prod. Corp., 910 Harrison St.

SIGN, electric, \$200; 923 Market St.; owner, Zukor's, prem.; contractor, Drumfield Elec. Sign Co., 965 Folsom St.

ALTER apt. \$10; 1809 Oak Street; owner, P. J. Wardly, premises.

FLUE, \$60; 77 Clay St.; owner, H. C. Stickle, 507 Market St.; contractor, J. E. O'Mara, 2720 McAllister St.

ALTER restaurant, \$100; 827 Sacramento St.; owner, Own Fung, 746 Sacramento St.; contractor, W. N. N. 45 Spofford Alley.

ALTER shed, \$3; 1405 Valencia St.; owner, Mrs. Peters, prem.

ALTER dwelling, \$67; 2724 San Jose Ave.; owner, Wm. Gormer, 124 Edinburgh.

FLUE, \$30; 169 Dope St.; owner, Gus Holmgren, 169 Dope St.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage
24.—St. Light. Systems	33.—Machinery and Equipment
25.—Machinery and Equipment	34.—Water Works
26.—Railroads	35.—Parks & Play grounds
27.—Fire Alarm Sys.	36.—Streets & Highways
28.—Fire Equipment	
29.—Streets & Highways	

## 21— BRIDGES

### BIDS OPENED

**SAN FRANCISCO**.—D. E. Burgess 282 7th St., at \$1,665.00 submitted the low bid to Department of Public Works, Room 251, City Hall, under Spec. No. 19084, for painting the 3rd Street bridge over Channel Street waterway. Est. cost, \$2,900.

Total bids follow:

D. E. Burgess, 282 7th St.	\$1,665.00
Pacific Bridge Painting Co.	2,440.00
R. P. Paoli & Co.	2,650.00
A. A. Zelinsky & Sons, Inc.	2,741.00

### COMPLETE BIDS

**LOS ANGELES, Calif.**—Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, at \$15,698, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a reinforced concrete girder bridge and 0.3 miles grading and surfacing with plant-mixed surfacing roadway approach on Puente Avenue at Walnut Creek, Los Angeles County, Calif.

Work involves:

- (1) 15 sta. clear and grub right of way;
- (2) 200 M. gals. water;
- (3) 200 c.y. roadway excav., without classification;
- (4) 9,600 c.y. imported borrow;
- (5) 2,100 c.y. imported surf. material;
- (6) 350 c.y. struc. excav.;
- (7) 15 sta. finishing roadway;
- (8) 4 tons liq. asphalt, SC-2, prime coat;
- (9) 700 tons mineral aggregate, plant-mix surf.;
- (10) 40 tons liq. asphalt, ROMC-4 or ROMC-5, plant-mix surf.;
- (11) 8 tons liq. asphalt, SC-1A, penetration oil treatment;
- (12) 28,000 lbs. bar reinf. steel;
- (13) 172 c.y. class A portland cement concrete strucs.;
- (14) 7 MFBM treated Douglas fir timber;
- (15) 160 lf. solid timber railing;
- (16) 0.07 mi. existing property fence moved and reset;
- (17) 2 each, clearance markers;
- (18) 1 only, existing bridge, removed and disposed of.

Total bids follow:

(A) Claude Fisher Co., 2455 E 55th St. Los Angeles,	\$15,698.
(B) Dummitt & Taylor,	\$17,562.
(C) Oswald Brothers,	\$17,962.
(D) Vido Kovacevich, South Gate,	\$19,668.
(E) Griffith Company,	\$19,764.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$15.00	\$15.00	8.50	\$15.00	8.00
(2)	1.25	1.20	2.50	1.90	3.00
(3)	.30	.29	.25	.60	.55
(4)	.37	.42	.47	.55	.50

(5)	75	1.10	.90	1.40	1.00
(6)	1.50	1.10	1.10	1.50	3.00
(7)	10.00	10.00	10.00	10.00	10.00
(8)	15.00	18.00	15.00	15.00	25.00
(9)	2.40	2.50	3.00	2.90	2.20
(10)	11.00	15.00	12.50	15.00	14.00
(11)	20.00	30.00	15.00	16.00	25.00
(12)	.055	.06	.06	.055	.05
(13)	20.00	25.00	24.00	24.00	26.25
(14)	125.00	105.00	120.00	80.00	100.00
(15)	1.75	2.00	1.50	2.00	2.00
(16)	300.00	400.00	600.00	2000.00	700.00
(17)	10.00	10.00	20.00	10.00	10.00
(18)	650.00	300.00	380.00	600.00	1100.00

21

### CONTRACT AWARDED

**SUTTER COUNTY, Cal.**—Heafey-Moore Co., Fredrickson and Watson Const. Co. and Fredrickson Brothers, Oakland, at \$227,307 was awarded the contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for constructing a reinforced concrete slab bridge, consisting of one 5-ft. 6-in. span, one 7-ft. 6-in. span, twenty-two 15-ft. 0-in. spans and one hundred seventy-three 22-ft. 0-in. spans on concrete pile bents, across Sutter By-Pass, 12 miles west of Yuba City, Sutter Co.

### BIDS WANTED

**SEATTLE, Wash.**—Until Nov. 15, 10 a.m., bids will be received by Harry Sisler, King County Engineer, for the construction of the Kenmore-Juanita bridge with fill approaches, County Road Project 50.

Work involves:

- (1) 3 acre clearing;
- (2) 3 acre grubbing;
- (3) 2 acres slashing;
- (4) 50,524 c.y. excav.;
- (5) 15,000 lbs. powder detonated (40% gel);
- (6) 15,000 lbs. powder detonated—ditching dynamite;
- (7) 2,000 c.y. excav. (trench);
- (8) 1,185 c.y. struc. excav.;
- (9) 20 c.y. Class D excav.;
- (10) 12 ft. of 12-in. Class 2 concrete culvert pipe;
- (11) 141 ft. of 18-in. Class 3 concrete culvert pipe;
- (12) 3 concrete headers;
- (13) 18-inch at 35;
- (14) One 18-in. concrete catch basin;
- (15) Remove 244 sq. yd. concrete pavement;
- (16) Remove 105 ft. existing guard rail;
- (17) Remove trestle;
- (18) 571 c.y. gravel surfacing, incl. approaches;
- (19) 2,535 ft. cable guard rail;
- (20) 6.5 tons MC-2 bituminous cement;
- (21) 39 c.y. crushed rock, ¾-in.—1½-in.;
- (22) 18 c.y. ½-in. crushed rock, No.

10, in place;

- (23) 5,000 ft. piling;
- (24) 1,050 c.y. Class A concrete;
- (25) 296 c.y. Class B concrete;
- (26) 36 c.y. Class D concrete;
- (27) 222,776 lbs. reinf. steel;
- (28) 4,860 lbs. cast steel;
- (29) 16,263 lbs. struc. steel;
- (30) 1,180 ft. concrete curb roadway;
- (31) 1180 ft. concrete curb roadway;
- (32) 590 ft. concrete posts sidewalk;
- (33) 2 standard inlets;
- (34) 100 ft. of 6-in. pipe.

Plans and specifications may be obtained at the above office.

### BIDS WANTED

**SEATTLE, Wash.**—Until Nov. 18, bids will be received by the City of Seattle for redecking draw span and rebuilding approaches on the First Avenue S. Bridge, Seattle. Estimated cost, \$30,000.

Work involves:

- (1) 4000 ft. crosotiled piling;
- (2) 225 MFBM untreated lumber;
- (3) 2175 sq. yd. asphalt conc. pave.;
- (4) 2500 ft. c.y. earthwork and sub grading

Plans and specifications may be obtained at the office of N A Carle, City Engineer

### CONTRACT AWARDED

**LOS ANGELES CO., Calif.**—John Strona, Pomona, at \$34,743.80 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg. Los Angeles, for widening bridges across Zuma and Trancas Creeks at points about 17 and 18 miles north of Santa Monica, Los Angeles Co.

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS OPENED

**LOS ANGELES, Cal.**—San Francisco Bridge Co., 503 Market St., San Francisco, at \$2,650.00 submitted low bid to U. S. Engineer, Los Angeles, for construction of reinforced concrete substructure for a light tower, a concrete landing and a concrete walkway, all on west end of Los Angeles-Long Beach detached breakwater in Los Angeles Outer Harbor; Circ. Prop. 89. Cement will be furnished by the government. Estimated cost, \$2572.29.

Other bids were:

Huang Engbr. & Const. Co., Long Beach, \$2895.  
Case Const. Co., Alhambra \$4790.  
Hull, Smale & Robinson, Wilmington, \$5075.

## 25— MACHINERY AND EQUIPMENT

### BIDS OPENED

**OAKLAND, Calif.**—Joe Pierotti & Co., Sixth and Broadway Sts., Oakland, at \$1982.75, submitted low bid to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing one ambulance for the Oakland Police Department, General Motors Truck & Coach Co., Oakland, at \$2100, submitted only other bid.

### BIDS WANTED

**MODESTO, Stanislaus Co., Calif.**—Until Nov. 22, 2 p.m., bids will be received by the Board of Education of the Modesto City School District, E. D. Abbott, Secretary, Capitol Sch. Bldg., Fourteenth St., between H and I Sts., Modesto, for the purchase of three school buses.

## Capital City Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento • California

Plans and specifications may be obtained from the above office. \* 25

#### BIDS WANTED

**PHOENIX, Ariz.**—Until Nov. 16, 10 a. m., bids will be received by the Arizona Highway Department, Phoenix, for furnishing snow removal equipment, as follows: one rotary snow removal unit of four to five tons, 4-wheel drive truck and three auger type snow removal unit mounted on tractor. Truck to be designed to operate snow removal unit with power unit mounted in rear of cab and also to be converted to 5-year dump truck with hydraulic hoist when snow removal unit is removed. Shall also consist of discharge fan blower, extension blades, and gasoline operated power plant. All assembled on truck chassis as one complete unit and controlled by operators in cab. Certified or cashier's check for 5%. T. S. O'Connell, State Highway Engineer. \* 25

#### PLANNED

**RIVERSIDE, Calif.**—The Nevada-California Elec. Corp., 3771 St. 15, Riverside, plans to expend approximately \$500,000 for transforming existing 2 existing transmission circuits from Victor substation to San Bernardino. The four transformers to be installed are rated at 12,500 kva each, and as three are already in use this will provide a transformer channel capable of handling approximately 50,000-hp. electric energy. \* 25

#### BIDS OPENED

**OAKLAND, Cal.**—Hap Alzina, 162 12th St., Oakland, at \$751.48 (1) and \$1918.38 (2), submitted the bid to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing two motorcycles for the Police Department. \* 25

#### CONTRACT AWARDED

**ALL-AMERICAN CANAL**—Valley Iron Works, Yakima, Washington, at \$9,265, disc. 5%, was awarded contract by the Bureau of Reclamation, D. C., under Spec. No. 969-D, for three 60,000-lb. capacity, double-drum radial gate hoists for installation in the Gila Valley Canal headworks at the Imperial Dam, All-American Canal System, Boulder Canyon project. Installation will be made by the Government. \* 25

#### CONTRACTS AWARDED

**ALL-AMERICAN CANAL**—F. H. Whiting Co., Denver (1) \$548, and Palmer Supply Co., Aurora, (2) \$1,857.17, were awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 957-D, (1) one motor-driven, vertical shaft, deep-well, turbine pumping unit having a capacity of 125 gals. per minute at a total dynamic head of 310 ft.; (2) six motor-driven, vertical, centrifugal, submerged type sump pumps having a capacity of 200 gals. per minute at a total dynamic head of 30 ft., for installation at the Imperial Dam and desilting works, All-American Canal System, Boulder Canyon project. Apparatus will be installed by the Government; E.o.b. shipping point and/or Yuma, Ariz. \* 25

#### BIDS WANTED

**INGLEWOOD, Los Angeles Co., Calif.**—Until Nov. 16, 7.30 p. m., bids will be received by the Inglewood City Council for furnishing a motor-driven pickup street sweeper. Spec-

ifications and illustrations to be furnished by bidder. Arthur W. Cory, city engineer; Otto H. Duelle, city clerk. \* 25

#### BIDS WANTED

**KERN CO., Calif.**—Until Nov. 29, 7.30 p. m., bids will be received by Maple School District, D. L. Schellenberg, clerk, for construction of a 1-story school building about 5 mi. west of Shafter, Kern Co. It will contain five classrooms, auditorium, shop, cafeteria and toilets; wood frame construction, stucco exterior, tile and composition roof, wood floors, wood sash, metal toilet partitions, floor furnaces; estimated cost, \$65,000. Plans obtainable from office of Perrine & Mackay; Herbert E. Mackie, architect, 908 Western Pacific Bldg., Los Angeles, on or about Nov. 10; deposit, \$25.

#### BIDS OPENED

**SAN FRANCISCO**—Following submitted bids to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 863-38-61, for the hire for 400 hours of one cutter-head pipeline dredge and attendant plant in Petaluma Creek, Calif. City of Palo Alto, (per hr.) \$10.50  
Hundesen & Lauritzen, (per hr.) 20.00  
Pittsburgh (per hr.) 20.00

#### BIDS OPENED

**SAN FRANCISCO, Calif.**—Hein Bros. Basalt Rock Co., P.O. Box 162, Petaluma, at \$4.00 per hour, submitted low bid to the State Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Department of Public Works, Room 211, State Bldg., San Francisco, for the rental for 800 hours of one 4-cy. capacity full swing, crawler type power shovel, not over 4 years old and weighing not less than 10 tons.

Total bids follow:

	Per Hr.
Hein Bros Basalt Rock Co.,	
P.O. Box 162, Petaluma, .....	\$4.50
Edwin Keech, San Jose, .....	5.00
City Merle Adams, San Bruno, .....	5.23
A. D. Robinson, Healdsburg, .....	5.25
Rock & Gravel Trucking Co.,	
Inc., Oakland, .....	5.30
W. K. Walker, San Francisco, .....	5.55
Johnson & Nelson, San Anselmo, .....	6.00
Oil Field Trucking Co.,	
Bakersfield, .....	6.50
J. Henry Harris, Berkeley, .....	6.70
Gillespie Bros. & Gates, West	
Los Angeles, .....	7.50
Portola Truck Service, S. F., .....	7.79
San Francisco Grading Co., San	
Francisco, .....	7.85

#### CONTRACT AWARDED

**SACRAMENTO, Cal.**—Spears Wells Machinery Co., 1832 W. 9th Street, Oakland, at \$117.50 per day, awarded contract by the Sacramento City Clerk, H. G. Denton, City Clerk, City Hall, for the rental of one Spears Wells heater-planer, or equal.

#### CONTRACT AWARDED

**SACRAMENTO, Cal.**—Edward R. Bacon Co., 720 I St., Sacramento, at \$1800, was awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, for furnishing one portable loader for the Street Maintenance Division, City of Sacramento.

#### BIDS WANTED

**COALINGA, Fresno Co., Calif.**—Until Nov. 15, 5 p. m. opened at 7.30 p. m., bids will be received by the Coalinga City Council, Ethel K. McCroskey, City Clerk, City Hall, Coalinga, for furnishing one fully equipped 1938 4-door touring sedan with 6 or 8 cylinders, a special generator and a heavy duty battery.

Plans and specifications may be obtained from the above office. \* 25

#### BIDS OPENED

**SACRAMENTO, Cal.**—Knox-Hale Machinery Co., 435 Brannan St., San Francisco, at \$3,197.88, submitted low bid to the Sacramento City Council, City Hall, Sacramento, for furnishing one single-drive one-man motor grader unit.

Total bids follow:

Knox-Hale Machinery Co., 435 Brannan St., S. F.—\$3,197.88  
Sacramento Tractor & Equipment Co., Sacramento, \$3,374.54  
Spears Wells Machinery Co., Oakland—\$3,362.95  
Weaver-Rye Tractor Co., Sacramento—\$3,484.70  
Jenison Machinery Co., San Francisco—\$3,521.55  
J. D. Adams Co., S. F.—\$3711.50;  
Alt. \$1923.06. \* 25

#### BIDS OPENED

**SACRAMENTO, Cal.**—Spears Wells Machinery Co., 1832 W. 9th Street, Oakland, at \$2317.50, submitted low bid to the Sacramento City Council, City Hall, Sacramento, for furnishing one street sweeper.

Associated Equipment Co., San Francisco, at \$7579.50, submitted only other bid.

#### BIDS OPENED

**SACRAMENTO, Cal.**—Spears Wells Machinery Co., 1832 W. 9th Street, Oakland, at \$265.25, submitted low bid to the Sacramento City Council, City Hall, Sacramento, for furnishing one pressure oil distributor.

L. C. Brosemer, Sacramento, at \$2,714, submitted only other bid. \* 25

#### CONTRACT AWARDED

**ALL-AMERICAN CANAL**—Hendrie & Bolthoff Mig. & Supply Co., Denver, Colo., at \$5,549.27, disc. \$120, was awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 965-D, for five vertical, motor-driven, pumping units: one having a capacity of 10 cu. ft. per second at a total dynamic head of 8.8 ft.; two having capacities of 10 cu. ft. per second at a total dynamic head of 4 ft.; one having a capacity of 9 cu. ft. per second at a total dynamic head of 3.8 ft.; and one having a capacity of 5 cu. ft. per second at a total dynamic head of 3.5 ft., for installation in pumping plants on the All-American Canal system, Boulder Canyon Project. \* 25

#### BIDS ON FILE

**LOS ANGELES, Cal.**—The bids for Porcelain insulators and entrance bushings, Spec 2135 opened by the Los Angeles Water and Power Purchasing Agent November 5, are on file in the office of the DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco. \* 25

#### CONTRACT AWARDED

**BONNEVILLE, Ore.**—Bethlehem Steel Company, 20th and 11th Sts., San Francisco, at \$30,173.50 awarded contract by the District Engineer Office, District Engineer, Bonneville, under Bid No. 601-38-80, for construction and erection of a 115-kv. switching and bus structure on the roof of the powerhouse, Bonneville, Oregon.

#### CONTRACT AWARDED

**FORT MASON, Cal.** Read Mch. Co., York, Pa., at \$348.15, 25 disc.; submitted low bid and was awarded contract by the Quartermaster Supply Office, San Francisco General Depot, Fort Mason, under Bid No. 928-38-122, for furnishing one electric mixing machine, 60-lb capacity, not less than 7-hp., 60-lb New York General Depot, 1st Ave and 55th St., Brooklyn, N. Y. \* 25

**BIDS WANTED**

**KENDRICK PROJ.**, Wyo.—Until Nov. 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 990-D, for furnishing and delivering three 14x30-ft. fixed-wheel gates, for installation in the spillway at the Seminole Dam, Kendrick Proj., Wyo. Gate will be installed by the Government; job shipping point and/or Parco, Wyo.

Plans and specifications may be obtained at the above office. \* 25

**BIDS WANTED**

**BOULDER CANYON PROJ.**—Until Nov. 29, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 998-D, for furnishing and delivering structural steel for four bus towers, one center take-off structure, and two lightning arrester supports for the Southern California Edison Company switching station and transformer circuits at Boulder switchyard, Boulder Canyon Proj. Structures will be erected by the Government; job shipping point and/or Boulder City, Nev.

Plans and specifications may be obtained at the above office. \* 25

**BIDS WANTED**

**BOULDER CANYON PROJ.**—Until Nov. 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 998-D, for furnishing steel cable racks and supports for the Boulder power plant, Boulder Canyon Project; job shipping point and/or Boulder City, Nev. Materials will be installed by the Government.

Plans and specifications may be obtained at the above office. \* 25

**BIDS WANTED**

**OWYHEE PROJECT.**—Until Nov. 24, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 991-D, for furnishing and delivering the plate-steel penstock and discharge pipe and appurtenances for installation at the Succor Creek pumping plant, Owyhee Project, Oregon-Idaho. Materials will be installed by the Government; f.o.b. shipping point and/or Homedale, Idaho.

Plans and specifications may be obtained at the above office. \* 25

**BIDS WANTED**

**YAKIMA PROJECT**, Wash.—Until Nov. 30, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 992-D, for furnishing and delivering structural steel for nine bridges on the Yakima Ridge Canal, Fozas Division, Yakima Project, Wash. Materials will be installed by the Government; f.o.b. shipping point and/or cars at Moxee City, Wash.

Plans and specifications may be obtained from the above office. \* 25

November 9, 1937

**BIDS OPENED**

**SAN BERNARDINO CO.**, Calif.—Following submitted bids to State Highway Department, San Bernardino, for the rental of 2 to 4 pneumatic tired dump trucks of not less than 5 - cu. capacity, and 1½ - c-y. power shovel for use on roads near Lake Arrowhead, San Bernardino Co. The items are:

**Dump Trucks**

- (1) transportation for each truck to and from job location, at price, round trip;
- (2) rate per hour per truck under power loading;
- (3) do under hand loading;
- (4) stand-by rate per hr. per truck;

**Power Shovel**

- (5) transportation of shovel to and from job location, flat price, round trip;
- (6) operating rate per hour;
- (7) stand-by rate per hour.

**Bidders were:**

- (A) A. S. Vinnell Company.
- (B) Rock & Gravel Trucking Company, Oakland.
- (C) Triangle Rock & Gravel Co.
- (D) George Herz & Company.
- (E) C. G. Willis & Sons.
- (F) Lewis Ayles, Ontario.
- (G) Onel & Smith, Los Angeles.
- (H) Albert J. Kidd, Inc., and C. V. Clark.

- (I) J. E. Haddock, Ltd.

**Unit prices follow:**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A)	\$20	\$2.80	\$2.60	\$2.00	\$400	\$7.20	\$4.00
(B)	30	2.95	2.70	.75	250	10.00	2.19
(C)	10	2.85	2.35	1.35	200	6.50	1.50
(D)	6	2.85	2.35	—	200	7.74	4.00
(E)	10	2.60	2.35	1.00	400	6.25	1.50
(F)	5	2.85	2.60	1.35	300	8.00	3.00
(G)	—	2.85	2.35	—	512	5.90	1.75
(H)	5	2.85	2.60	1.35	530	8.50	3.50
(I)	—	2.85	2.35	1.35	519	5.10	3.00

**CONTRACT AWARDED**

**BOULDER CANYON PROJECT.**—Pacific Electric Mfg. Co., San Francisco, at \$16,353.80 (1); and General Electric Co., Schenectady, N. Y., at \$17,160 (2), were awarded contracts by the Bureau of Reclamation, Washington, D. C., under Spec. No. 990-D, for (1) two 230-kv, 3-pole disconnecting switches; and (2) 230-kv, 3-phase, outdoor type lightning arresters for installation in the Boulder Power Plant, Boulder Canyon Project. Work to be installed by the Government. \* 25

**BIDS OPENED**

**SACRAMENTO**, Calif. — Western Machinery Co., P.O. Box 269, Sacramento, at \$372 (\$1.24 per hour), submitted low bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-122, for furnishing and operating for 300 hours one portable air compressor for use near and at the Narrows Dam Site.

**Total bids follow:**

	Per Hr.	Total
Western Machy. Co., mento	\$1.24	\$372.00
Leitch & Co., S. F.	1.50	450.00
W. H. Cowen, S. F.	2.15	645.00

**BIDS OPENED**

**BONNEVILLE**, Ore.—The following submitted bids to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-144, for furnishing and installing one automatic electric elevator, including operating machinery, structural steel guides and machinery, supporting beams, elevator car, hoistway doors and frames, control equipment and all other necessary appurtenances, to be installed at the Bonneville Project, Bonneville, Oregon.

**Work involves:**

- (1) One each, automatic electric elevator, with drum-type machine, completely installed;
- ALTERNATE:**
- (2) One each, automatic electric elevator with double-wrap traction-type machine, completely installed.

**ALTERNATIVE "A."** Bidders shall quote prices for performing work, etc., and the Government will pay the cost of transporting equipment and materials from bidder's shipping point to Bonneville, Ore.

**ALTERNATIVE "B."** Bidders shall quote prices for performing the work, etc., with the understanding that all transportation charges from the factory shipping points to the Bonne-

ville powerhouse at Bonneville, Oregon, are included in said price.

**Total bids follow:**

Otis Elevator Co., 1 Beach St., San Francisco—A-2 \$5,320; B-2 \$5,620.  
Portland Elevator Co., 902 SE Mill St., Portland—A-1, \$8,250; B-1, \$8,325.00.

Montgomery Elevator Co., Moline, Ill.—A-1, \$5,740; B-1, \$6,190.

**CONTRACT AWARDED**

**BOULDER CANYON PROJECT.**—Maurice W. Brainard, Los Angeles, at \$3,550, awarded contract by the Bureau of Reclamation, Washington, D. C., under Spec. No. 974-D, for furnishing one gasoline-engine generator unit for installation at the Imperial Dam and desilting works, All-American canal system, Boulder Canyon Project, Arizona-California-Nevada. \* 25

**29—STREETS AND HIGHWAYS****BIDS WANTED**

**SOUTH SAN FRANCISCO**, San Mateo Co., Cal.—Until Nov. 15, 8 p.m., bids will be received by the South San Francisco City Council for the improvement of Linden Ave. Work involves:

- (1) 95,000 sq. ft. scarifying of the existing surface which is to be filled;
- (2) 2,400 c.y. of quarry run rock filling material;
- (3) 77,000 sq. ft. of spreading and compacting of fill;
- (4) 500 c.y. of crusher run base pavement;
- (5) 4,000 sq. ft. of armor coat wearing surface;
- (6) 50,000 sq. ft. of oiling of shoulders;

(7) 4 catch basins to be raised;  
(8) 150 c.y. filling of existing bridge.  
Plans and specifications may be obtained at the office of George A. Kneese, City Engineer, 2382 Broadway, Redwood City, upon deposit of \$2.50. \* 29

**BIDS WANTED**

**LEWIS AND PIERCE COS.**, Wn.—Until Nov. 24, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing or improving 13.691 miles highway, Mt. Rainier National Park, East Side Highway Project 5-B-D, Surfacing and Slope Stabilization and 5-A-B-C, D Bituminous surface treatment, National Park Road Project, Counties of Lewis and Pierce, Wash.

**Work involves:**

- (1) All reqd. extra and misc. force account work;
- (2) 4 acres clearing;
- (3) 4 acres grubbing;
- (4) 1,800 c.y. unclass. excav.;
- (5) 110,000 sta. vids. special overhaul;
- (6) 10,000 c.y. mi. special overhaul;
- (7) 10 acres roadside cleanup;
- (8) 5.885 mi. fine grading of sub-grade and shoulders;
- (9) 27,500 tons heavy base course;
- (10) 7,800 cu. yd. road conditioning;
- (11) 9,500 tons crusher run top course;
- (12) 1,500 units watering;
- (13) 480 tons cutback asphalt, MC-2 grade, for prime coat;
- (14) 220 c.y. Class A cement stone masonry (wall and headwalls);
- (15) 150 c.y. Class A cement stone masonry (guard rail, Type 2);
- (16) 250 ft. 18-in. corr. galv. sheet metal pipe;
- (17) 620 sq. vids. paved culvert inlets and outlets, Type I.

Plans and specifications may be obtained from the above office upon the deposit of \$10.00.



**BLUE PRINTS AVAILABLE**

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on November 24, 1937.

Following is a list of blue prints and prices:

VI-TU-10-C-D.—Bet. 1.8 mi. west of Merryman and Yokoh. PLANS (No. Sheets), 9; cost, \$9.00.  
CROSS-SECTIONS (No. of Sheets), 47; cost, \$4.70; total, \$5.60.

X-Mer-4-Lvtn,D — Undergrade crossing under the tracks of the Southern Pacific Company at Livingston. PLANS (No. Sheets), 33; cost, \$5.00; CROSS-SECTIONS (No. of Sheets), 47; cost, \$4.70; total, \$9.70.  
Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1493, Sacramento, Calif.

**CONTRACT AWARDED**

SANTA CLARA, Cal.—A. J. Rains, 355 Lincoln Ave., San Jose, at \$24,232, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Frank W. Hogan, Clerk, Court Hse., San Jose, for the improvement of San Antonio Avenue from Fremont Avenue to San Francisco Road State Highway in Supervisor District No. 5, Santa Clara County.

Union Paving Co., San Francisco, at \$25,630.50, submitted only other bid.

**CONTRACT AWARDED**

HUMBOLDT COUNTY, Cal.—Hemstreet, & Bell, 501 11th St., Marysville, at \$226,636 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 2.9 miles from Fremont Avenue surfaced with plant-mixed surfacing, medium curing type and applying Class B seal coat to the full width of the roadbed between Stegmeyer Bluff and Myers, Humboldt County.

**BIDS OPENED**

SAN FRANCISCO, Calif.—Following submitted bids to the Forest Service Regional Office, 1022 Phelan Bldg., San Francisco, under Bid No. 1181, for one automatic sewage ejector unit; f.o.b. shipping point and/or Redding, Cal.:  
Franklin Morse & Co., San Francisco—\$525; f.o.b. San Francisco; \$535 f.o.b. Redding; net.  
Victor Equipment Co., San Francisco—\$414 f.o.b. Los Angeles; \$433.50 f.o.b. Redding; net.

Chicago Pump Co., San Francisco—\$278 f.o.b. Chicago; \$311 f.o.b. Redding; 2% 10 days.

Woodin & Little, Inc., San Francisco—\$260 f.o.b. San Francisco, 1% 20 days.

Simonds Machinery Co., San Francisco—\$247 f.o.b. Redding; net.

**CONTRACT AWARDED**

SAN JOAQUIN and Sacramento Cos., Calif.—Fredericksen and Westbrook, P. O. Box 138, Lower Lake, at \$205,803 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for about five miles of grading and paving with Portland cement concrete between Jahant Corner and one mile north of Galt, San Joaquin and Sacramento Counties. 29

**CONTRACT AWARDED**

MENDOCINO COUNTY, Calif.—A. R. Maestretti, 318 Elks Bldg., Stockton, at \$27,245, was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for 1.6 miles of grading between Albion and Newport, Mendocino Co.

**CONTRACT AWARDED**

HICKAM FIELD, T. H.—Hawaiian Contracting Co., Ltd., Honolulu, at \$37,962, awarded contract by the Constructing Quartermaster Division, Army Department, Hickam Field, for the construction of a paved connecting road to Fort Kamehameha. T. H. Estimated cost, \$40,000. \* 29

**CONTRACT AWARDED**

RIVERSIDE CO., Calif.—Oswald Bros., 366 E 58th St., Los Angeles, at \$65,899 was awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and paving with plant-mixed surfacing about 2.4 miles - mixed 2 miles south of San Bernardino County line and Beaumont, Riverside Co.

**BIDS OPENED**

LONG BEACH, Cal.—Oswald Bros 366 E 58th St., Los Angeles, at \$50,042.32 submitted low bid to R. M. Dorton, City Manager, Long Beach, for the improvement of Alamitos Ave. from Ocean Blvd to 7th St., and California Ave. from Alamitos Ave. to 7th St. Total bids follow:  
(A) Oswald Bros., \$50,042.32.  
(B) Sully-Miller Contr. Co., \$50,291.92  
(C) Anco Const. Co., \$51,737.75.  
(D) Griffith Co., \$553,748.77.

**PRELIMINARY NOTICE**

KING CO., Wash.—Preliminary Notice Contract Constructor U. S. Dept. of Agriculture, Bureau of Public Roads, Portland, Oregon, Nov. 1, 1937. The Bureau of Public Roads contemplates the advertisement for bids of a clearing, grading and drainage job on the Stevens Pass Highway, Project 8-C, in King County, Washington. Preparation of plans and special provisions may delay this advertisement until snow would prevent viewing the project in the field. In order that interested contractors may be in a position to submit bids, they are advised to examine the project at this time. The project consists of the clearing, grading and draining of approximately 14 miles extending westerly from the present summit of Stevens Pass and probably the advance clearing of an additional 10 mile westerly from the grading. The drainage will include several concrete box culverts. Funds available for the project are \$150,000. Information regarding proposed plans may be obtained from W. T. Utz, Resident Engineer, at Scenic, Washington. Contractors desiring to look over the project on the ground should do so at once as snow is anticipated in the near future. W. H. Lynch, District Engineer. 29

**BIDS WANTED**

SACRAMENTO, Calif.—Until November 15, 4 p.m. opened at 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the improvement of the alley between Third Avenue and Fourth Avenue from the easterly line of 21st St. to the westerly line of 22nd St., Sacramento.

Plans and specifications may be obtained from the above office. \* 29

**BIDS OPENED**

LOS ANGELES, Cal.—Griffith Co.

501 Los Angeles Railway Bldg., Los Angeles, at \$13,239.91, submitted low bid to the Los Angeles Board of Public Works for grading and paving Vignes St., between Macy and Lyon Sts., Union Passenger Terminal Station, WPA Project 4361, Unit J-2.

The work involves:

- (1) Lump sum, grading (528 c.y. excav. and 762 c.y. fill, including removal of existing improvements);
  - (2) 33,653 sq. ft. asphalt conc. pave. 8-in. thick, consisting of concrete base 6-in. thick and asphalt conc. wearing surface 2-in. thick;
  - (3) 3,504 sq. ft. asphalt conc. pavement, variable thickness, consisting of asphalt conc. base of variable thickness (average thickness, 4 in.), and asphalt conc. wearing surface 2 in. thick;
  - (4) 440 sq. ft. asphalt conc. wearing surface 4 in. thick;
  - (5) 41 sq. ft. asphalt conc. wearing surface, variable thickness (average thickness, 1 in.);
  - (6) 164 sq. ft. conc. pave. 8 inches thick (local depressions);
  - (7) 1,075 lf. unplastered heavy curb;
  - (8) 10,090 sq. ft. one-course walk 3 inches thick;
  - (9) 1,028 sq. ft. combination gutter 8 in. thick;
  - (10) 42 sq. ft. conc. gutter 8 inches thick;
  - (11) Lump sum, sanitary sewer with necessary appurtenances and appurtenant work, not including house connection sewers;
  - (12) 240 lf. 6-in. house connection sewers;
  - (13) Lump sum, storm drain with necessary appurtenances and appurtenant work not including local depressions;
  - (14) Lump sum, ornamental lighting conduit with all necessary appurtenances and appurtenant work.
- Total bids follow:  
(A) Griffith Co.—\$13,239.91.  
(B) Tomel Const. Co.—\$14,314.39.  
(C) Sou. Cal. Road Co.—\$14,830.67.  
(D) C. O. Sparks—\$14,855.38.  
(E) L. A. Paving Co.—\$14,970.78.  
(F) Geo. R. Curtis Paving Co.—\$14,977.38.  
(G) Radich & Brown—\$15,306.22.  
(H) Artukovich Bros.—\$15,369.48.  
(I) P. J. Almiraz, Inc., incomplete bid.  
(J) Engineer's Estimate \$15,586.25.

**BIDS WANTED**

TULARE CO., Calif.—As previously reported, until Nov. 22, 2 p.m., bids will be received by the U. S. Bureau of Public Roads, Federal Office Building, Civic Center, San Francisco, for placing bituminous treated surfacing (Class F1 on 12,500 sq. ft. on Sec. A and a portion of Sec. B of Rt. 1 to the Generals Highway, Sycamore National Park, Tulare Co., Calif.

The work involves:

- (1) 12,500 sq. yds. preparation of existing surface;
- (2) 21,200 tons curb run top course (after base course);
- (3) 650 M. gal. water;
- (4) 210 cu. yd. cutback asphalt for prime coat;
- (5) 16,000 cu. yd. Class F dense plant mixture grading A;
- (6) 500 tons medium curing cutback asphalt for Class F1;
- (7) 35 tons rapid curing cutback asphalt for Class F.

Plans and specifications may be obtained from the above office upon deposit of \$100.

November 5, 1937.  
CLARK COUNTY, Nevada.—Gibbons and Reed Co., 801 Lake City, at \$48,761.00, submitted low bid and was awarded contract by the De-

partment of Highways, Robert A. Allen, State Highway Engineer, Hercules Memorial Building, Carson City, Nevada, for 1.7 mile highway construction from a point on State Route 6, approximately 1/4 mile southwest of Glendale to a point 1.7 mile northwest, Route 7, Sec. A, Clark County, Nevada.

- Work involves:
- (1) 14.3 acre clearing;
  - (2) 757 lin. ft. remove fence;
  - (3) 53,076 c. y. roadway excavation;
  - (4) 875 c. y. drainage excavation;
  - (5) 739 c. y. backfill;
  - (6) 157,492 yd. sta. overhaul (yd. sta.);
  - (7) 10,211 yd. mile overhaul (yd. mile);
  - (8) 406 c. y. structure excavation;
  - (9) 1.68 mile subgrade, type "B";
  - (10) 1,111 c. y. type 2 gravel base (1-in. size);
  - (11) 1,116 cu. salvaged aggregate;
  - (12) 20,142 sq. ft. remove and salvage roadmxd surface;
  - (13) 605 in. gal. water;
  - (14) 80 ton liquid asphalt, type SC2;
  - (15) 1.68 mile roadmxd;
  - (16) 253 c. y. class "A" concrete;
  - (17) 7 c. y. class "B" concrete;
  - (18) 216 c. y. class "D" concrete;
  - (19) 52,100 lb. reinforcing steel;
  - (20) 279 lin. ft. structural steel railing;
  - (21) 480 lin. ft. steel bearing piles 10-in. at 42 lbs.;
  - (22) 1,200 lin. ft. steel bearing piles (12-in. at 52 lbs.);
  - (23) 24 each drive steel bearing piles;
  - (24) Force acct. pile loading tests;
  - (25) 102 lin. ft. timber curb;
  - (26) 52 lin. ft. 18-in. corr. metal pipe (dipped);
  - (27) 142 lin. ft. 24-in. corr. metal pipe (dipped);
  - (28) 186 lin. ft. 24-in. vitrified pipe;
  - (29) 16 each concrete monuments;
  - (30) 6,208 lin. ft. reconstruct fence;
  - (31) 473 lin. ft. reconstruct fence;
  - (32) 16 each culvert markers;
  - (33) 14 each guide posts;
  - (34) force acct. roadside cleanup.

- Total bids follow:
- (A) Gibbons & Reed Co., Salt Lake City, Utah, \$48,761.40.
  - (B) Silver State Const. Co., Inc., Fallon, Nev., \$50,135.17.
  - (C) Dodge Const., Inc., Fallon, Nev., \$51,635.82.
  - (D) Utah Const. Co., Ogden, Utah, \$56,957.29.
  - (E) Olof Nelson, Logan, Utah, \$63,514.07.

- Unit prices follow:
- |      | (A)    | (B)    | (C)    | (D)    | (E)     |
|------|--------|--------|--------|--------|---------|
| (1)  | \$ 30  | 30     | 50     | 25     | 50      |
| (2)  | .92    | .05    | .03    | .02    | .10     |
| (3)  | .23    | .13    | .24    | .30    | .24     |
| (4)  | .30    | .40    | .30    | .40    | .50     |
| (5)  | .50    | 1.00   | .50    | .60    | .75     |
| (6)  | .01    | .02    | .01    | .01    | .015    |
| (7)  | .12    | .10    | .15    | .15    | .20     |
| (8)  | 1.25   | 2.00   | 2.00   | 4.00   | 5.00    |
| (9)  | 200.00 | 100.00 | 200.00 | 250.00 | 500.00  |
| (10) | 1.00   | 1.00   | 1.00   | 1.75   | 2.00    |
| (11) | 50     | 1.00   | 50     | 40     | 1.00    |
| (12) | .04    | .05    | .05    | .04    | .15     |
| (13) | 2.00   | 2.50   | 1.50   | 2.00   | 1.00    |
| (14) | 22.50  | 20.00  | 17.50  | 25.00  | 25.00   |
| (15) | 700.00 | 500.00 | 500.00 | 600.00 | 1000.00 |
| (16) | 25.00  | 25.00  | 25.00  | 24.00  | 30.00   |
| (17) | 25.00  | 25.00  | 25.00  | 25.00  | 30.00   |
| (18) | 25.00  | 30.00  | 30.00  | 27.00  | 30.00   |
| (19) | .06    | .07    | .065   | .06    | .08     |
| (20) | 4.40   | 4.00   | 5.00   | 4.50   | 6.00    |
| (21) | 2.00   | 3.00   | 2.52   | 2.75   | 2.50    |
| (22) | 2.50   | 4.00   | 3.18   | 3.25   | 2.75    |
| (23) | 75.00  | 50.00  | 50.00  | 75.00  | 100.00  |
| (24) | 600.00 | 600.00 | 600.00 | 600.00 | 600.00  |
| (25) | 1.25   | 1.00   | 1.50   | 1.75   | 2.00    |
| (26) | 2.50   | 2.50   | 2.50   | 2.50   | 3.00    |
| (27) | 3.00   | 3.50   | 3.50   | 3.25   | 4.00    |
| (28) | 3.50   | 4.00   | 4.00   | 4.00   | 5.00    |
| (29) | 2.00   | 4.00   | 2.50   | 2.50   | 5.00    |
| (30) | .12    | .20    | .10    | .12    | .15     |
| (31) | .10    | .10    | .10    | .08    | .10     |
| (32) | 3.00   | 4.00   | 4.00   | 3.50   | 5.00    |
| (33) | 3.00   | 3.00   | 4.00   | 5.00   | 10.00   |
| (34) | 300.00 | 300.00 | 200.00 | 300.00 | 300.00  |

**CONTRACTS AWARDED**  
STATE OF WASHINGTON.—L. V. Morrow, Director of Highways, Olympia, awarded the following contracts for bridge and highway construction:

**Skagit County:** Clearing, grading, draining and paving with Portland cement concrete and constructing a draw span on mile of Primary State Highway No. 1, Skagit River Bridge and approaches.  
Awarded: Macral Bros., 614 Fifth, Seattle, \$499,203.

Other bidders: Puget Sound Const. Co., Parkwater, \$507,118; C. L. Creelman, Seattle, \$536,400.

**Yakima County:** Clearing, grading, draining 3.3 mi. of White Pass Bridge Section of Secondary State Highway No. 6, Sand Ridge to Russel Creek.

Awarded: C. E. Oneal Co., Inc., Ellensburg, \$68,776.  
Other bidders: Elliott & Co., Seattle, \$72,722; Colonial Const. Co., Spokane, \$74,908.

**Kittitas County:** Surfacing and stockpiling and surfacing on 14.1 mi. of Secondary State Highway 2-1, and county road, Virdin to Milwaukee, Crossing Detroit.  
Awarded: Neary & Booth, White-Henry-Stuart Bldg., Seattle, \$15,988.  
Other bidders: Joslin & McAllister, Spokane, \$17,220; F. R. Hewett, Spokane, \$18,088.

**Asotin County:** Surfacing and stockpiling and surfacing on 14 mi. of Secondary State Highway No. 3, Asotin to Anatonie.

Awarded: Rogers Const. Co., Dayton, \$16,565.

Other bidders: Joslin & McAllister, Spokane, \$16,970; Materne Brothers, Spokane, \$16,970.

**Garfield & Asotin Counties:** Clearing, grading, draining and surfacing 4.4 mi. of Secondary State Highway 3-K, vicinity of Garfield-Asotin Co. Line.

Awarded: Rogers Const. Co., Dayton, \$58,933.  
Other bidders: Roy L. Barr, Spokane, \$59,505; Max J. Kunev Co., Spokane, \$62,215.

**Yakima County:** Constructing pile and timber trestle approach 328 feet long at end of Lower Yakima River Bridge on Secondary State Highway 3-M.

Awarded: Creech Bros. Contr. Co., Aberdeen, \$8,629.

Other bidders: R. A. Geary, Yakima, \$8,641; Neary & Booth, Seattle, \$8,758.

#### BIDS WANTED

**TUCSON, Pima Co., Ariz.—**Until Nov. 15, 4 P. M., bids will be received by the Tucson city council for the improvement of streets in the Southwest District Paving Improvement, PWA Docket No. Ariz. 1046-DS, in accordance with plans prepared by Geo. W. Seeley, city engineer. Est. cost, \$72,849.30.  
The work involves:

- (1) 47,226 sq. ft. 3-in. cutback pavement;
- (2) 12,630 sq. ft. 14-in. cement concrete curb;
- (3) 49,890 sq. yds. subgrade;
- (4) 12,750 sq. yds. sidewalk grade;
- (5) 888 c. y. grading;
- (6) 15,594 ft. 5x12-in. cement conc. gutter;
- (7) 1,928 sq. ft. 5x24-in. cement concrete val. gutter;
- (8) 1,323 ft. wood curb removed;
- (9) 228 sq. ft. sidewalk removed;
- (10) 84 sq. ft. sidewalk;
- (11) 5 manhole tops reset;
- (12) 2 lamphole tops reset;
- (13) 1 flush tank top reset;
- (14) 38 ft. wood connection sewer;
- (15) 12 c. y. trench excavation;
- (16) 10 std. survey monuments;
- (17) 1 cu. y. conc. curb removed;
- (18) 1,244  $\frac{3}{4}$ -in. copper pipe water services;

- (19) 51  $\frac{3}{4}$ -in. curb stops;
- (20) 51  $\frac{3}{4}$ -in. corp. stops;
- (21) 360 ft. 1-in. copper pipe water service;
- (22) 15 1-in. curb stops;
- (23) 15 1-in. corp. stops.

November 8, 1937.

#### BIDS WANTED

**YAKIMA CO., Wash.—**Until Nov. 24, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing or improving 1,395 miles highway, Eandle Yakima (East Side) Highway Grading Project 13-W, Washington National Forest Road Project, located within the Snoqualmie National Forest, Yakima County, Wash.

- Work involves:
- (1) 15 acres clearing;
  - (2) 60 corrugated sheet metal pipe;
  - (3) 109,100 cu. y. unclass. excav.;
  - (4) 60,000 cu. yds. special overhaul;
  - (5) 2,000 c. y. mt. subgrade;
  - (6) 1,395 miles finishing earth graded road;
  - (7) 870 l. ft. Type 1, bituminous coated corrugated sheet metal pipe.
- Plans and specifications may be obtained from the above office upon the deposit of \$10.

#### BIDS WANTED

**TUCSON, Pima Co., Ariz.—**Until Nov. 15, 4 P. M., bids will be received by the Tucson City Council for the improvement of streets in the First and Seventh Ave. District Paving Improvement, PWA Docket No. Ariz. 1038-D S, in accordance with plans prepared by Geo. W. Seeley, city engineer. Estimated cost, \$114,900.10.

- The work involves:
- (1) 62,037 sq. ft. 3-in. cutback asphalt;
  - (2) 25,589 ft. 14-in. cement concrete curb;
  - (3) 24,576 ft. 5x12-in. cement conc. gutter;
  - (4) 3,514 sq. ft. 5x24-in. cement concrete valley gutters;
  - (5) 2,668 sq. yd. subgrade;
  - (6) 21,261 sq. yd. sidewalk grade;
  - (7) 8 survey monuments, new;
  - (8) 9 manhole tops, reset;
  - (9) 1 lamphole top, reset;
  - (10) 25 sq. ft. cem. conc. drive removed;
  - (11) 16 sq. ft. cem. conc. drive;
  - (12) 188 sq. ft. cem. conc. curb removed;
  - (13) 3,869 ft. wood curb removed;
  - (14) 386 sq. ft. cem. conc. walk removed;
  - (15) 263 sq. ft. cem. conc. walk;
  - (16) 465 ft. 4-in. cast iron hose connecting sewer;
  - (17) 165 c. y. trench excav.;
  - (18) 142 sq. yd. existing pavement removed;
  - (19) 45 sq. ft. existing cem. conc. gutters removed;
  - (20) 2 catch basins;
  - (21) 8,658 c. y. grading;
  - (22) 4,480 ft.  $\frac{3}{4}$ -in. copper pipe water services;
  - (23) 179  $\frac{3}{4}$ -in. curb stops;
  - (24) 179  $\frac{3}{4}$ -in. corp. stops;
  - (25) 207 ft. 1-in. copper pipe water services;
  - (26) 9 1-in. curb stops;
  - (27) 9 1-in. corp. stops.

#### LOW BIDDER

**SISKIYOU CO., Cal.—**Garcia Construction Co., Irvington, at \$4320, submitted low bid to the State Division of Highways, F. W. Haselwood, District Engineer, District 11, Redding, Calif., for surfacing 2.0 miles with screened gravel on the East Side Road in Scott Valley between Callahan and Fort Jones, Siskiyou Co.

#### BIDS OPENED

**BOISE, Idaho.—**Geo. E. Henly Construction Co., Ontario, Oregon, at \$35,415 submitted low bid to the U. S.

Bureau of Public Roads, B. J. French District Engineer, Ogden, Utah, for constructing or improving 1.890 miles of the North Fork Payette Highway located within the Payette National Forest, Boise County, Idaho.

Total bids follow:  
Geo. B. Henly Const. Co. \$35,445.00  
H. E. Cornell, Boise 36,385.50  
Tony Marrazzo, Boise 37,409.00  
J. W. Whiting Const. Co.,  
Springville, Utah 38,453.40  
Ora Bundy, Ogden 38,883.00  
Wheelwright Const. Co., Ogden, Utah 39,201.50  
Morrison-Kanoun Co., Inc., Boise, Idaho 44,412.50  
D. J. Cavanagh, Twin Falls 44,673.00  
Reynolds-Ely Const. Co., Springville, Utah 44,824.00

29

## BIDS WANTED

BEVERLY HILLS, Los Angeles Co., Cal.—Until Nov. 23, 8 P. M., bids will be received by the Beverly Hills city council for improvement of portions of first alley parallel to and west of Rodeo Drive between Charleville Blvd. and first alley parallel to and south from Wilshire Blvd., under 1911 Act. The items are:

- (1) 7853 sq. ft. grading;
  - (2) 6806 sq. ft. 2-in. A C paving (3-in. base, 2-in. fine mix top);
  - (3) 63 ft. 6-in. vit. sewer.
- Work includes seven water meters, traffic boxes, bringing one man-hole and two meter boxes to new grade. \* 29

## BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 2, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures and grading and paving with asphalt concrete at the intersection of Firestone Blvd. and Santa Fe Ave., Los Angeles County.

- Work involves:
- (1) 160 c.y. remove existing conc.;
  - (2) 190 c.y. struc. excav.;
  - (3) 170 c.y. prep. subgrade;
  - (4) 3,000 sq. yds. asphalt paint binder;
  - (5) 1,400 tons asphalt concrete;
  - (6) 12,500 lbs. bar reinf. steel struc.;
  - (7) 55,500 lbs. steel rail assemblies;
  - (8) 21,000 lbs. misc. iron and steel;
  - (9) 220 c.y. Class A Portland cement concrete struc.;
  - (10) 85 c.y. Class A Portland cement conc. curbs, gutters and sidewalk.
- Plans and specifications may be obtained from the above office.

## BIDS WANTED

KERN COUNTY, Calif.—Until December 1, 2:00 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete about 19.1 miles between one mile north of Grapevine Station and ten miles south of Bakersfield, Kern Co.

- Work involves:
- (1) Clearing and grubbing right of way;
  - (2) 5,200 M. gals. water;
  - (3) 160 c.y. remove concrete;
  - (4) 21,000 c.y. rdwy. excav., unclass.
  - (5) 500 c.y. ditch and channel excav.
  - (6) 23,600,000 sta. yds. overhaul;
  - (7) 2,800 c.y. struc. excav.;
  - (8) 245,000 sq. yds. prepare subgrade
  - (9) 85 tons liquid asphalt, SC-1 subgrade treatment;
  - (10) 22,500 sq. yds. salvaged rock subgrade;
  - (11) 1,011 sta. finishing rdwy.;
  - (12) 160 tons liquid asphalt, SC-2 prime coat;
  - (13) 16,500 tons min. aggregate, plant mix surf.;
  - (14) 825 tons liquid asphalt, SC-4, plant mix surf.;

- (15) 800 tons do. road mix surf treatment;
  - (16) 77,650 sq. yds. prepare, mix and shape shoulders and road approaches;
  - (17) 5,475 tons asphalt cement grade B asphalt conc.;
  - (18) 74,475 tons min. agg. asphalt, conc. base and leveling course;
  - (19) 23,400 tons min. agg. asphalt, conc. type A surface;
  - (20) 8,000 sq. yds. asphalt paint binder;
  - (21) 450 c.y. salvaged rock borders;
  - (22) 34,000 lbs. bar reinf. steel;
  - (23) 1,350 each curb borders;
  - (24) 350 c.y. Class A Portland cement struc.;
  - (25) 200 c.y. do. curbs and gutters;
  - (26) 425 c.y. light riprap;
  - (27) 2,278 l.f. 18-in. CMP;
  - (28) 578 l.f. 24-in. CMP;
  - (29) 228 l.f. 36-in. CMP;
  - (30) 6100 l.f. laminated guard railing
  - (31) 168 each culvert markers and market posts;
  - (32) 11.8 miles move and reset property fences;
  - (33) 75 each monuments.
- Plans and specifications may be obtained from the above office.

## LOW BIDDER

INYO CO., Cal.—A. S. Vinnell Co., 969 Analia Ave., Los Angeles, at \$4,355.90, submitted low bid to the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, California, for 0.7 mile grading and applying penetration oil treatment betw. 16.5 and 17.2 mi. southeast of Keeler, Inyo County.

- Work involves:
- (1) 7200 c.y. roadway excav., without classification;
  - (2) 2620 sta. yds. overhaul;
  - (3) 45 c.y. struc. excav.;
  - (4) 32 tons liq. asphalt, SC-2, in place (penetration oil treatment);
  - (5) 84 l.f. 18-in. CMP;
  - (6) 48 l.f. 24-in. CMP;
  - (7) 6 culvert markers, in place;
  - (8) 8 monuments, in place.
- State will furnish CMP.  
Complete bids will be published shortly. \* 29

## 30—RESERVOIRS &amp; DAMS

## BIDS OPENED

SAN MATEO CO., Cal.—Hamilton Morton, Jr., 861 Santa Cruz Avenue, Menlo Park, at \$10,750, submitted the low bid to Public Utilities Commission, Room 287, City Hall, San Francisco, under WD Contract 159, for paving with riprap around spillway and inlet tower near east end of San Andreas Dam, two miles west of Millbrae, San Mateo County.

- Work involves:
- (1) 350 c.y. misc. grading;
  - (2) 4,500 c.y. construct riprap pavement.

Total bids follow:  
(A) Hamilton Morton, Jr., 861 Santa Cruz Ave., Menlo Park, \$10,750.  
(B) Wm. O. Tyson, Redwood City, \$11,450.

(C) W. J. Tolan, Oakland, \$31,525.00  
Unit prices follow:

	(A)	(B)	(C)
(1)	\$ 50	\$ 50	\$ 2.00
(2)	2.35	2.75	6.85
			30

## BIDS WANTED

SAN BENITO COUNTY, Calif.—Until Nov. 22, 2 p.m., bids will be received by the Pacheco Pass Water District Board of Directors, L. G. Barrett, Secretary, Bank of America Bldg., Hollister, for the construction of the La Vitoria Dam and Canals, San Benito County, Cal.

- Work involves:
- (1) 6,000 c.y. unclass. excav.;
  - (2) 6,500 c.y. embankment and backfill;
  - (3) 115 c.y. struc. conc.;

- (4) 620 sq. ft. concrete block mattresses;
  - (5) 48,000 sq. ft. 2-in. concrete canal lining;
  - (6) 40,000 sq. ft. 4-in. concrete canal lining;
  - (7) 13,000 lbs. bar reinf. steel;
  - (8) 5,000 sq. ft. electric welded wire fabric 2-in. by 2-in., 14 wires;
  - (9) 1,500 sq. ft. electric welded wire fabric, 4-in. by 4-in., 9 wires;
  - (10) One 70-in. by 72-in. radio gate and hoist;
  - (11) Two 36-in. diam. slide gates and hoists;
  - (12) 190 l.f. 36-in. 14-ga. corrugated metal pipe;
  - (13) 35 MPEM redwood timber;
  - (14) Bond premium.
- Plans and specifications may be obtained at the above office and at the office of Fred H. Tibbets, Engineer, 1320 Alaska Commercial Bldg., San Francisco. \* 30

## BIDS WANTED

COLORADO RIVER PROJECT, TEXAS—Until November 29, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec No. 987-D, for furnishing pipe, fittings, valves and appurtenances for the bypass and air-inlet piping for the paradox gates at the Marshall Ford Dam, Colorado River Project, Texas; f.o.b. cars at the shipping point and/or Rutledge, Tex.

Plans and specifications may be obtained at the above office. \* 30

## BIDS WANTED

PINE RIVER PROJECT, Colo.—As previously reported, until Nov. 16, 10 A.M., bids will be received by the Bureau of Reclamation, John C. Page, Commissioner, Durango, Colo., under Spec No. 705, for the construction of the Vallecito Dam, Pine River Project, Colorado.

Work involves:

- (1) Lump sum, diversion and care of river during construction and unwatering fund;
- (2) 125,000 c.y. excav., stripping borrow pits;
- (3) 200,000 c.y. excav., stripping for embank;
- (4) 70,000 c.y. excav., common, and separation of excav. for diversion channel;
- (5) 500 c.y. excav., rock, for diversion channel;
- (6) 151,000 c.y. excav., common, for spillway upstream from Station 15 plus 00;
- (7) 441,000 c.y. excav., common, and separation of excav. for spillway downstream from Sta. 15 plus 00;
- (8) 75,000 c.y. excav., rock, for spillway;
- (9) 14,000 c.y. excav., common, and separation of excav. for outlet works;
- (10) 2,800 c.y. excav., rock, for outlet works;
- (11) 185,000 c.y. excav., common, and separation of excav. for embankment toe drains and cutoff trenches;
- (12) 500 c.y. excav., rock, for embankment toe drains and cutoff trench;
- (13) 1000 c.y. excav., rock, for concrete cutoff wall footings;
- (14) 2,100,000 c.y. excav., common, in borrow pit, for earth fill in embankment and transportation to embankment;
- (15) 85,000 c.y. excav., rock, in borrow pits for embankment, except suitable fill and transport to embankment and to spillway and diversion channel;
- (16) 50,000 c.y. excav., all classes and separation of excav. in borrow pit, for rubble fill and transport to embankment and spillway;
- (17) 45,000 c.y. rock fill, about struc-

- ture;  
 (18) 35,000 c.y. refill of diversion channel;  
 (19) 3,200,000 c.y. earth fill in embankment;  
 (20) 80,000 c.y. cobble and sluiced gravel fill at downstream toe of embankment;  
 (21) 276,000 c.y. cobble and rock fills on slopes of embankment;  
 (22) 123,000 c.y. riprap on upstream slope of embankment and in inlet channel to spillway;  
 (23) 3700 c.y. dumped riprap in outlets of spillway and diversion channels;  
 (24) 2,200 lf. 12-in. sewer pipe drains with uncemented joints embedded in gravel;  
 (25) 3,800 lf. 8-in. same;  
 (26) 5,100 lf. 6-in. same;  
 (27) 3,300 lf. 4-in. same;  
 (28) 70 c.y. porous concrete;  
 (29) 120 lf. drill sweep holes;  
 (30) 2,200 lf. drill grout holes not more than 25 ft. deep;  
 (31) 5,500 lf. drill grout holes more than 25 ft. deep and not more than 50 ft. deep;  
 (32) 3,800 lbs. install grout pipe and fittings;  
 (33) 7,700 cu. ft. pressure grouting;  
 (34) 3,700 lf. drill holes for anchor bars and grouting bars;  
 (35) 1,500 c.v. concrete in embankment cutoff walls;  
 (36) 1,200 cu. yds. concrete in outlet works, trash rack, struc. transition, gate chamber and shaft;  
 (37) 2,500 c.y. concrete in outlet conduit;  
 (38) 7,700 c.y. concrete in floors of spillway and outlet works channels;  
 (39) 9,700 c.y. concrete in spillway and outlet works channels, except floors;  
 (40) 60 c.y. concrete in control house;  
 (41) 1,700 c.y. concrete in parapet and curb walls;  
 (42) 2,770,000 lbs. place reinf. bars;  
 (43) 1,000 lf. install metal sealing strips;  
 (44) 2,000 sq. ft. install elastic filler material in expansion joints;  
 (45) 2,300 sq. yds. special finish of concrete surf.;  
 (46) lump sum, constr. of control house, except concrete;  
 (47) lump sum, constr. of log crib drop in diversion channel;  
 (48) 55,000 lbs. install trash rack metalwork;  
 (49) 173,000 lbs. install high pressure, hydraulically operated slide gates and metal conduit linings;  
 (50) 10,000 lbs. install control apparatus for high pressure slide gates;  
 (51) 250,000 lbs. install radial gates and auto-operating mechanisms;  
 (52) 60,000 lbs. install hitum. matl. in float drums;  
 (53) 10,500 lbs. install radial gate hoists;  
 (54) 14,000 lbs. install metal spiral stairway;  
 (55) 7,000 lbs. install pipe handrails;  
 (56) 12,000 lbs. install miscellaneous metalwork;  
 (57) 900 lf. install electric metal conduit, 1 1/2-in. or less in diam.;  
 (58) 200 lbs. install elec. conductors;  
 (59) 2,500 lbs. install elec. apparatus.  
 Plans and specifications may be obtained at the above office. \* 30

**WANTED**

**GRAND COULEE, Wash.**—As previously reported, until December 30, 1:30 p.m., bids will be received by the U. S. Bureau of Reclamation, Civic Building, Spokane, Wash., under Spec. No. 757, for the completion of the Grand Coulee Dam, left powerhouse and foundation for pumping plant, Columbia Basin Project, located about 100 miles west of Spokane, Wash.

Work involves:

- (1) 830,000 c.y. of all classes of open-cut excav.;
- (2) 10,900 c.y. of tunnel and shaft excav.;
- (3) 1,000 c.y. of backfill;
- (4) 18,000 c.y. of compacted fill;
- (5) 3,000 c.y. of riprap;
- (6) 1,500 sq. yds. of grouted paving;
- (7) 5,809,500 c.y. of concrete;
- (8) 17,000 c.y. of grouting;
- (9) 24,000 sq. yds. of oil-treated rd. surfacing;
- (10) 4,500 lf. of guard rails;
- (11) Drilling 187,000 lf. of grout and drainage holes;
- (12) Placing 50,000,000 lbs. of reinf. bars and fabric;
- (13) Manufacturing and placing 131,000 linear feet of porous concr. drain tile;
- (14) Installing 433,000 lf. of metal sealing strips in joints;
- (15) Installing 1,400,000 lbs. of contraction-joint tubing and fittings;
- (16) Installing 4,700,000 lbs. of tubing and fittings for concrete-cooling system;
- (17) Dismantling and installing 2,000,000 lbs. of cooling headers and fittings;
- (18) Installing 50,135,000 lbs. of gates and appurtenances;
- (19) Installing 2,250,000 lbs. of penstock and pump inlet pipes;
- (20) Installing 32,137,000 lbs. of misc. metalwork;
- (21) Installing 3,930,000 lbs. of metal tubing, pipe, and fittings;
- (22) Installing 140,000 lf. of electrical conduit; and
- (23) Installing 146,000 lbs. of electrical conductors and ground wires.

Plans and specifications may be obtained from the above office.

**COMPLETE BIDS**

**CLATSOP CO., Ore.**—Harold Blake, Portland, at (Sec. A) \$92,905.00; (Sec. C) \$41,089.00; (Sec. D) \$51,595.00 and Tacoma Dredging Co. (Sec. B) \$65,218 submitted low bid to U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-128, for strengthening and rebuilding approximately 34,020 feet of existing levee, constructing approximately 5,966 ft. of new levee, of 9,700 ft. of rock riprap revetment and drainage works, situated in Drainage District No. 1, and Blind Slough Diking District in Clatsop County, Oregon.

Work involves:

**SECTION A**

- (1) 56.5 acres clear and grub;
- (2) 28 acres stripping;
- (3) 42.5 cu. yds. objectionable material removed and stock piled;
- (4) 26,000 cu. yds. excavation for inspection ditches;
- (5) 14,030 cu. yds. excavation for drainage ditches;
- (6) 2,222 cu. yds. excavation for tide boxes;
- (7) 3,872 cu. yds. structural excavation for tide boxes;
- (8) 3,990 cu. yds. backfill for tide boxes;
- (9) 41 M. ft. B.M. creosoted lumber for tide boxes, in place;
- (10) 0.34 M. ft. B.M. untreated lumber for tide boxes, in place;
- (11) 3.5 M. ft. B.M. untreated tongue and groove sheet piling for tide boxes, in place;
- (12) 22.8 M. ft. B.M. creosoted tongue and groove sheet piling for tide boxes, in place;
- (13) 543 lin. ft. creosoted round piling for tide boxes, in place;
- (14) 1215 lin. ft. round piling for concrete tide boxes, in place;
- (15) 55 lin. ft. 18-in. diameter continuous wood stave pipe, in place;
- (16) 44 lin. ft. 42 Do.
- (17) 44 lin. ft. 54 Do.
- (18) 54 lin. ft. 66 Do.
- (19) 8 lin. ft. 48-in. corrugated iron pipe, in place;
- (20) 428 cu. yds. reinforced concrete

- in place.  
 (21) One each 18-in. diameter circular automatic drainage gate, in place.  
 (22) One each 42-in. diameter circular automatic drainage gate, in place.  
 (23) One each 54 Do.  
 (24) One each 66 Do.  
 (25) 11 each automatic drainage gate square, in place.  
 (26) 10,160 lin. ft. round piling for pile bulkhead, in place.  
 (27) 7.25 M. ft. B.M. waling and fastening for pile bulkhead, in place.

**SECTION B**

- (29) 449,780 cu. yds. levee embankment, hydraulic suction dredge, in place.
- SECTION C**
- (30) 62,850 cu. yds. levee embankment, bucket dredge, in place.
  - (31) 780 cu. yds. levee embankment, dragline, in place.
  - (32) 49,850 cu. yds. levee embankment, truck haul, in place.
  - (33) 14,170 cu. yds. excavation, bucket dredge.
  - (34) 18,500 cu. yds. miles truck overhaul.

**SECTION D**

- (35) 2300 cu. yds. bank sloping.
  - (36) 17,700 cu. yds. riprap, in place.
- Total bids follow:  
 (A) Harold Blake, Portland; (Sec. A) \$92,905.00; (Sec. C) \$41,089.70; (Sec. D) \$51,595.00.  
 (B) Tacoma Dredging Co., Tacoma; (Sec. B) \$65,218.10.  
 (C) The Gilpin Const. Co., Portland; (Sec. A) \$96,613.10.  
 (D) Tidepoint Co., Astoria, Oregon; (Sec. D) \$52,303.00.  
 (E) Puget Sound Bridge & Dredging Co., Seattle; (Sec. B) \$83,209.30.  
 (F) Brookfield Co., Astoria; (Sec. C) \$46,051.60.

**31—PIPE LINES & WELLS****BIDS WANTED**

**BEVERLY HILLS, Los Angeles Co., Cal.**—Until Nov. 16, 8 p.m., bids will be received by Beverly Hills City Council for construction of 46-inch pipe line crossing Ballona Creek at Cadillac Ave.; Taylor & Taylor, consulting engineers, 725 S. Spring St., Los Angeles. \* 31

**CONTRACT AWARDED**

**BOISE, Idaho.**—Western Pump Co., Ltd., P. O. Box 47, San Jose, Calif., at \$1775.00 was awarded contract by the Veterans' Administration Const. Service, Arlington Bldg., Washington, D. C., for the construction of a deep well pump at the Veterans' Administration Facility, Boise. \* 21

**32—SEWERS & SEWAGE DISPOSAL PLANTS****TO ASK BIDS SHORTLY**

**PLACERVILLE, El Dorado Co., Calif.**—The Placerville City Council will ask for bids shortly for the construction of the Broadway intercepting sewer Project A-1, PWA. Work involves 44,000 ft. 6-in. vitrified clay sewer pipe, manholes and appurtenances. Bids also will be asked later for Project A-2, main intercepting sewer and Proj. B, sewer treatment plant.

Harry N. Jenks, Berkeley, is the consulting engineer in charge. \* 32

**BIDS WANTED**

**SAN FRANCISCO.**—Until Nov. 24 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the construction of a sewer in Ducaan St. between Diamond and Castro Sts. Estimated cost, \$3072.00.

Work involves:

- (1) 520 lf. 8-in. vit. clay pipe sewer,

- in place  
 (2) 458 1/2-in. vit. clay pipe sewer,  
 in place  
 (3) 6 brick manholes complete;  
 (4) 32 8x6-in. Y branches, in place;  
 (5) 26 12 6-in. do.

Plans and specifications may be obtained at the office of the City Engineer, John J. Casey, Room 251, City Hall, upon deposit of \$10.00.

#### BIDS WANTED

**PETALUMA, Sonoma Co., Calif.**—As previously reported, until Nov. 30, 7:30 p.m., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, Petaluma, for the construction of the Municipal Sewage Disposal Project, Petaluma. Harry N. Jenks, Berkeley, is the consulting engineer in charge.

Plans and specifications may be obtained from the above office upon deposit of \$20.

#### TO ASK BIDS SHORTLY

**PLACERVILLE, El Dorado Co., Calif.**—Placerville City Council will ask bids shortly for the construction of the Broadway intercepting sewer Project A-1, PWA. Work involves 4,400 ft. 6-inch vitrified clay sewer pipe, manholes and appurtenances. Bids also will be asked later for Project A-2, main intercepting sewer under Proj. B, sewer treatment plant.

Harry N. Jenks, Berkeley, is the consulting engineer in charge.

#### BIDS WANTED

**GLENDALE, Los Angeles Co., Cal.**—Until Nov. 18, 10 A. M., bids will be received by the Glendale city council for the construction of a sewer in East Chestnut St. bet. Glendale Ave. and Granada St., involving:  
 485 ft. 8-in. vit. sewer;  
 30 ft. 8-in. C I sewer;  
 3 manholes.  
 J. C. Albers, city engineer. 22

### 33— WATER WORKS

November 9, 1937.

#### CONTRACT AWARDED

**VANCOUVER, Wn.**—Seattle Boiler Works, 1132 W. 45th St., Seattle, at \$16,150, was awarded contract by the City of Vancouver, J. L. Henderson, City Engineer, Vancouver, for furnishing a 250,000-gal. tank for the city.

#### APPLICATIONS FILED

**SACRAMENTO, Calif.**—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during October, 1937:

9133 (Placer Co.)—Olive Blanche Tilotson, 250 Huntley Ave., Auburn, Cal., for 6 c.f.s. from Peavine Creek tributary to North Fork of Middle Fork of American River; to be diverted for power purposes; 63 theoretical hp. to be developed. Estimated cost, \$250.

9134 (Eldorado Co.)—Theresa Carroll, Mills, Cal., for 200 gallons per day from Cold Stream tributary to South Fork American River; to be diverted for domestic purposes. Estimated cost, \$150.

9135 (Calaveras Co.)—O. V. Barkman, Valley Springs, Cal., for 1 c.f.s. from Mokelumne River tributary to San Joaquin River; to be diverted for mining and domestic purposes. Estimated cost, \$450.

9136 (Riverside Co.)—Lake Elni-nore Country Club, Elni-nore, Calif., for 150 acre-feet per annum from San Jacinto River tributary to Lake Elsinore; to be diverted for recreational and domestic purposes. Estimated cost, \$16,000.

9137 (San Diego Co.)—Karl Feller, Aguaanga, Cal., for 0.5 c.f.s. from a

spring tributary to Temecula River; to be diverted for irrigation purposes on 50 acres. Estimated cost, \$250.

9138 (San Diego County)—Marie Hinkley, 2237 Elfric St., Los Angeles, Cal., for 2 c.f.s. from Chaotic Creek; to be diverted for mining and milling purposes. Estimated cost, \$300.

9139 (Merced Co.)—Mariposa Water Co., 225 Bush St., San Francisco, Cal., for 50 c.f.s. from San Joaquin River; to be diverted for irrigation purposes on 3949 acres.

9140 (Humboldt Co.)—Division of Highways, Sacramento, Cal., for 3000 gallons per day from Mill Creek tributary to Pacific Ocean; to be diverted for industrial and domestic purposes. Estimated cost, \$261.

9141 (Placer and Eldorado Cos.)—North Fork Ditch Co., Sacramento, Cal., for 5300 acre-feet per annum from Middle Fork of American River; to be diverted for irrigation purposes on 24,000 acres.

9142 (Placer Co.)—North Fork Ditch Co., Sacramento, Cal., for 6500 acre-feet per annum from North Fork American River; to be diverted for irrigation purposes on 24,000 acres.

9143 (Trinity Co.)—U. S. Shasta National Forest, Mount Shasta, Cal., for 1 c.f.s. from a Spring tributary to Coffee Creek; to be diverted for domestic purposes. Estimated cost, \$200.

9144 (Trinity Co.)—D. F. Russell, Ryampom, Cal., for 0.5 c.f.s. from Alder Spring Canyon tributary to Hay Fork; to be diverted for irrigation and domestic purposes on 15 acs. Estimated cost, \$30.

9145 (Plumas Co.)—W. T. Williams, Maricopa, Cal., for 3 c.f.s. from East Fork Lights Creek tributary to Feather River; to be diverted for mining purposes.

9146 (Plumas Co.)—W. T. Williams, Maricopa, Cal., for 3 c.f.s. from West Fork Light Creek tributary to Feather River; to be diverted for mining purposes.

9147 (Plumas Co.)—W. T. Williams, Maricopa, Cal., for 3 c.f.s. from Morton Creek tributary to Feather River; to be diverted for mining purposes.

9148 (Orange Co.)—Charles A. Grisset, Santa Ana, Cal., for 10 c.f.s. from Santa Ana River tributary to Pacific Ocean; to be diverted for irrigation purposes on 93 acres. Estimated cost, \$400.

9149 (El Dorado Co.)—G. E. Tuman, Placerville, Cal., for 0.5 c.f.s. from Baltic, tributary to Camp Creek thence North Fork Cosumnes River; to be diverted for industrial purposes. Estimated cost, \$100.

9150 (Fresno Co.)—James Irvine, Craig, San Francisco, Cal., for 100 c.f.s. from Little Panache Creek tributary to San Joaquin River drainage area; to be diverted for irrigation purposes on 3200 acres.

9151 (San Luis Obispo Co.)—Walter B. Bopp, San Luis Obispo, Cal., for 1.3 c.f.s. from a well tributary to Salinas River; to be diverted for industrial purposes.

9152 (Butte Co.)—Leslie W. Krusp, Live Oak, Cal., for 3 c.f.s. from Mill Creek tributary to North Fork of American River; to be diverted for mining and domestic purposes.

9153 (Inyo Co.)—L. & H. Properties Corp., Los Angeles, Cal., for 1 c.f.s. from Upper Tuber Canyon; to be diverted for mining and domestic purposes. Estimated cost, \$200.

9154 (Amador Co.)—Sierra Mountain Water Co., 2216 22nd St., Sacramento, Cal., for 300,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River; to be diverted for municipal purposes.

9155 (Amador Co.)—Sierra Moun-

tain Water Co., 2216 22nd St., Sacramento, Cal., for 300,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River; to be diverted for power purposes; 13,840 theoretical horsepower to be developed.

9156 (Modoc Co.)—Ben R. Cambron and Mrs. Leona B. Cambron, Eagleville, Cal., for 0.3 c.f.s. from a spring tributary to Silver Creek, thence Bear Creek and Lower Lake; to be diverted for irrigation purposes on 40 acres. Estimated cost, \$500.

9157 (Mendocino Co.)—Walter H. Thomas, Vallejo, Cal., for 6000 gals. per day from several springs tributary to Pacific Ocean; to be diverted for irrigation and domestic purposes on 8 acres.

9158 (Siskiyou Co.)—Geo. W. Tobin, O. Curd, Geo. Cassidy and Chas. Johnston, Sawyers Bar, Cal., for 5 c.f.s. from North Fork of Salmon River tributary to Salmon River; to be diverted for power purposes; 34 theoretical horsepower to be developed. Estimated cost, \$1,500.

9159 (Mariposa Co.)—E. K. Brown, Buck Meadows via Groveland, Cal., for 5000 acre-feet per annum from unnamed Creek tributary to North Fork of Merced River; to be diverted for domestic purposes. Estimated cost, \$225.

9160 (Lassen Co.)—Tanner Slough Irrigation Association, Wendel, Cal., for 3500 acre-feet per annum from Pete's Valley Creek and Willow Creek tributary to Susan River; to be diverted for irrigation and domestic purposes.

9161 (Lassen Co.)—Tanner Slough Irrigation Association, Wendel, Cal., for 3500 acre-feet per annum from Willow Creek tributary to Susan River; to be diverted for irrigation and domestic purposes.

9162 (Plumas Co.)—G. W. Sapp, Sloat, Cal., for 200 gal. per day from an unnamed spring tributary to Middle Fork of Feather River; to be diverted for domestic and fire protection purposes. Estimated cost, \$150.

9163 (Santa Barbara Co.)—U. S. Los Padres National Forest, Santa Barbara, Cal., for 0.025 c.f.s. from Tequepis Creek tributary to Santa Ynez River; to be diverted for domestic purposes. Estimated cost, \$200.

9164 (Santa Barbara Co.)—U. S. Los Padres National Forest, Santa Barbara, Cal., for 0.002 c.f.s. from an unnamed branch of Tequepis Creek; to be diverted for domestic purposes. Estimated cost, \$100.

9165 (Riverside Co.)—D. Gerster Trust Estate, Ralph M. Hamer, Trustee, Redlands, Cal., for 1 1/2 c.f.s. from Heiskell Springs, waste and abandoned irrigation water tributary to Singleton and San Timoteo Creeks, and Santa Ana River; to be diverted for recreational purposes. Estimated cost, \$200.

9166 (Sierra Co.)—Sinclair Baker, La Brie, Cal., for 1/2 c.f.s. from Sheep Ravine tributary to Cedar Ravine; to be diverted for mining purposes. Estimated cost, \$200.

EDWARD HYATT,  
State Engineer.

November 1, 1937. 33

#### BIDS OPENED

**VANCOUVER, Wn.**—Seattle Boiler Works, 1132 W. 45th St., Seattle, at \$16,150 (vitrified tank) and \$14,950 (welded tank) submitted by and accepted by the City of Vancouver, J. L. Henderson, City Engineer, Vancouver, for furnishing a 250,000 gal. tank for the city.

Local bids follow:  
 Seattle Boiler Works, 1132 W. 45th St., Seattle, \$16,500 (vitrified tank)

\$14,950.00 (welded tank).

Pittsburgh-Des Moines Steel Co., Seattle, at \$17,900 with two alternates of \$18,400 and \$19,900.

Chicago Bridge & Iron Co., San Francisco, \$17,425; \$17,900.

#### BIDS WANTED

VERNON, Los Angeles Co., Cal.—Until Nov. 16, 3 P. M., bids will be received by the Vernon city council for drilling an 18-inch water well complete near Vernon Avenue and Downey Road, Spec. 108. H. A. Thalmer, city engineer; T. J. Furlong, city clerk.

#### CONTRACT AWARDED

SHASTA COUNTY, Cal.—California Steel Products Co., 490 Bay St., San Francisco, at \$3,374.00 (Item 1) was awarded contract by the Bureau of Reclamation for constructing a water tank at Kennett Dam, Central Valley Project, Shasta County.

## Building Permits

WALLS, fire, \$200; 322 Battery St.; owner, National Canneries Assn., 322 Battery St.; contractor, Armistead & Boehm, 329 Commercial St.

SIGN, electric, \$250; 1299 Columbus Ave.; owner, Hayes Jenkins Inc., Co.; premises, 1299 Columbus Ave., Elec. Prod. Corp., 910 Harrison St.

FLUE, \$10; 718 Innes Ave.; owner, L. R. Miller, 731 Howard St.

SIGN, electric, \$100; NE Geary and Funston; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 350 Geary Blvd. owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.

ALTER bldg., \$450; 153 Caselli Ave.; owner, F. Hoppper, 82 Caselli.

ALTER bldg., \$75; 1729 Turk St.; owner, Mrs. Sarbat, c/o contractor; contractor, Ira W. Coburn, 2048 Market St.

SIGN, metal, \$200; 422 Second St.; owner, GallenKamps, premises; contractor, L. Goldberg, 1085 Golden Gate.

ALTER theatre, \$280; SW Geary and Mason Sts.; owner, Louis R. Lurie, 333 Montgomery St.; contractor, Wm. G. and A. Gilmore, 666 Mission St.

ALTER dwelling, 450, 1306 Valencia St.; owner, F. Arnold, 790 Kansas St.

GARAGE, frame, \$400; 269 Hartford, rear; owner, D. W. Solomon, 269 Hartford St.

ALTER shop, \$750; 30-34 Washington St.; owner, American Trust Co., 461 California St.; contractor, L. A. Hinson, 268 Barb Ave.

FLUE, \$143; 116 Eureka; owner, Tarrini, premises; contractor, C. R. Smith & Son, 4057 18th St.

ALTER store, \$35; 1221 Grant Ave.; owner, V. Michelucci, 1715 Stockton St.; contractor, Rome Carpenter Shop, 1639 Powell St.

ALTER tavern, \$300, \$88 McAllister St.; owner, D. Zuppi, premises.

ALTER bldg., \$350; 122 Brewster St.; owner, F. R. Webb, c/o contractor; contractor, I. W. Coburn, 2048 Market St.

ALTER tavern, \$200; 500 Potrero; owner, A. K. Solerberg, 2166 15th Avenue.

ALTER tavern, \$50; 368 11th Street; owner, Louis Biboggi, premises.

FLUE, \$30; NW Geary and Division Sts.; owner, Mt. Sinai Funeral Parl., premises; contractor, Chayson Pt. Chimney Co., 84 E. 2d St.

GARAGE, 1-story frame, \$600, 155 Vienna St.; owner, F. C. Nemetzsky, 659 Geary St.

## DALY CITY—STREET IMPROVEMENT—(City)

DALY CITY, San Mateo Co., Cal.—Pacific States Construction Co., 708 Call Bldg., San Francisco, at \$3,763, submitted low bid and was awarded contract by the Daly City City Council for the improvement of Westlake Avenue between Junipero Serra Blvd. and a point east of Niantic Avenue, Daly City.

Work involves:

- (1) 2350 cu. excav;
- (2) one catchbasin;
- (3) 40 lf. 10-in. corr. metal pipe culvert;
- (4) 1080 lf. of concrete integral curb and gutter;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 6 22	\$ 6 215	\$ 6 20	\$ 6 20	\$ 6 25	\$ 0 40	\$ 0 45
(2)	100.00	85.00	98.00	100.00	75.00	80.00	100.00
(3)	1.10	1.50	2.00	1.50	2.00	1.70	2.00
(4)	.80	.80	.70	.65	.75	.80	.90
(5)	.13	.15	.14	.12	.15	.15	.14
(6)	12	137	15	155	15	17	155

- (5) 600 sq. ft. of Portland cement concrete sidewalk;
- (6) 18,000 sq. ft. 5-in. asph. pavement, incl. subgrade.

Total bids follow:

- (A) Pacific States Constr. Co., 708 Call Bldg., S. F.—\$3,763.
- (B) The Fay Improvement Co., S. F.—\$4,070.25.
- (C) A. G. Raich, S. F.—\$4,188.
- (D) Eaton & Smith, S. F.—\$4,194.
- (E) Union Paving Co., S. F.—\$4,342.50.
- (F) J. H. Harey, S. F.—\$5,102.
- (G) Pacific Pavements Co., Ltd., S. F.—\$5,123.50.

Unit prices follow:

SIGN, electric, \$25; 1569 Haight St.; owner, Florence Liquor Store; premises; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

GARAGE, private frame, \$50; 475 Filbert St.; owner, F. Tufo, 475 Filbert St.

ALTER dwelling, \$710; 4248 25th St.; owner, H. T. Snyder, premises; contractor, National Roofing and Siding Co., 2172 Market St.

FLUES, \$63; 122 Brewster St.; owner, F. R. Webb, premises; contractor, C. R. Smith & Son, 4057 18th Street.

SIGN, electric, \$150; 4722 Mission St.; owner, Granada Cafe, premises; contractor, Apex Elec. Co., 363 Fell St.

SIGN, electric, \$100; 2092 Sutter St.; owner, S. Rosellini, prem.; contractor, Standard Neon Mfg. Co., 1189 Turk St.

SIGN, electric, \$100; SE 9th and Market Sts.; owner, C. B. Evans, premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER garage, \$350; 2476 Bush St.; owner, M. Teleguin, premises.

ALTER tavern, \$50; 300 Fairfax Ave. owner, Geo. P. Chan, premises.

SIGN, electric, \$175; 2629 Solad Blvd. owner, Silver Moon, prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER dwelling, \$400; 6433 California St.; owner, A. Hofman, 6433 California St.

ALTER store, \$500; 733 Corland Ave. owner, Capital Co., 625 Market St. contractor, John Casty & Son 30 Alviso St.; architect, L. J. Hendy, 625 Market St.

FLUES, \$80; NW Hyde and Jackson Sts.; owner, M. Barrett, prem.; contractor, J. E. O'Mara, 2720 McAllister St.

FLUE, \$39; 1783 Turk St.; owner, Ira W. Coburn, premises; contractor, C. R. Smith & Son, 4057 18th St.

SIGN, electric, \$100; 912 Geneva Ave. owner, Rose Marie Bakery, 912 Geneva; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER apts., \$100; 2713 Sacramento St.; owner, Julia Sullivan, 2713 Sacramento St.

ALTER dwelling, \$410; 3838 25th St.; owner, Fred J. Beres, premises; contractor, National Roofing and Siding Co., 2172 Market St.

FLUE, \$30, SE 7th Ave. and Clement St., owner, American Trust Co., 461 California St.; contractor, C. son Pat Chimney Co., 84 Page St.

ALTER office and shop, \$400; 1354 York St.; contractor, J. H. Mosher, Inc., 900 7th St.

FLUE, \$20, 802-35 35th Ave.; owner,

J. H. Thorp, 800 25th Ave. ALTER dwelling, \$900; S Conkling 25 W Silver Ave.; owner, Charles Shembi, 90 Conkling St.

## ALAMEDA COUNTY PERMITS UNDER \$1000

SIGN, metal, \$35; 3629 Grove Street, Oakland; owner and contractor, Coca Cola Co., 3545 E 14th St.

SIGN, electric, \$100; 6037 Grove St., Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$100; 4276 Hopkins St., Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, elec., \$100; 3761 Park Blvd., Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, elec., \$100; 6001 Foothill Blvd., Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$100; 2700 San Pablo, Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$100; 9201 E 14th St., Oakland; owner, Union Oil Co.; contractor, Elec. Prod. Corp., 950 30th St.

BILBOARD, \$75; NE Cor. 21st and Telegraph Ave., Oakland; owner and contractor, Foster & Kleiser, 22nd and Market Sts.

POLE, barber, \$10; 2563 Hopkins St., Oakland; owner and contractor, John Goodwin.

ALTERATIONS, \$500; 6008 Chelton Drive, Oakland; owner and contractor, C. W. Booth, 6008 Chelton Drive.

WRECK 2-story bldg., \$15; 3315 San Pablo Ave., Oakland; owner and wrecker Seymour Maskowitz, 3291 San Pablo Ave.

REPAIR, fire, \$40; 1032 E 11th St., Oakland; owner, Claude Caldwell contractor, Mark Bristol, 1038 McKinley Ave.

ADDITION, \$350; 1429 77th Avenue, Oakland; owner, J. Gallonde; contractor, T. Morilhat, 1719 14th Avenue.

## SAN MATEO COUNTY Unincorporated

RESIDENCE, \$1000; Lots 33-34-35-36 of Blk. 602, Highlands of Emerald Lake, California Way; owner, Otto Christen, 85 Acton St., Eureka.

GARAGE, private, \$275; Lots 17-18, Blk. 3, North Fair Oaks, Third Ave.; owner, L. H. Jones; contractor, Nelson Co., Redwood City.

CHICKEN house, \$175; Lot 6, Blk. 30, Oak Knoll Dr., Emerald Lake; owner, Mrs. A. Walters, Box 58-B, Rt. 2, Redwood City.

RESIDENCE, \$7500; Lots 8-10, Blk. 7, Burlingame Hills, Fr. S. Ave.; owner, Arthur H. Bevilacqua; 1124 El Camino, Burlingame; contractor, Peninsula Bldrs., 1150 Burlingame Ave.

ALTER residence, \$3000; Woodside Country Club Property No. 3, Old Linda Road; owner, S. Kuylen, 560 Sutter St., San Francisco; contractor, R. A. Crothers, Woodside.

RESIDENCE, \$4000; Lot 3, Blk. 24, Redwood Highlands; owner, Mrs. F. H. Thorpe, 619 Brewster; contractor, R. D. Squires, Redwood City.

RESIDENCE, \$1000; Lot 5, Blk. 14, School House Homestead, Rainer St.; owner, Ernest Paskorino, Box 411, Colma.

ADULTER., \$2000; Woodside Hills, Dr. Lot 3, Blk. 5, Woodside Hills; owner, S. R. Gros, Eleanor Dr., Woodside Hts.; contractor, Hand Bros.

CABIN, \$1000; Lot 17, Blk. 9, Woodside Highlands; owner, Carl Fisher, Wilkes, Calif.

SHELTER house, \$350; Mills Estate, Millbrae; owner, W. Cullinan and D. H. Jones, 1452 Chapin Ave., Burlingame.

MOVE and alter residence, \$3000; Por. Lot 12, Bay Road, Sweeney Ranch; owner, Mrs. A. F. Williams, Menlo Park.

GARAGE, \$225; Redwood City; owner, George Depitte, 1902 Hopkins Ave.; contractor, J. D. Raffensperger.

ADDITION, residence, \$1000; Lot 37, Blk. 10, Oakleigh Park, Corner Arlington and Selby Lane; owner, W. J. Shanahan, 389 30th St., San Francisco.

GARAGE, private, \$300; Lot 9, Blk. 1, Dumbarton Park, Markham St.; owner, Mary Elenor Reid, San Francisco; contractor, Nelson Co., Redwood City.

RESIDENCE, \$2500; Lot 75, Blk. 7, Garden Lane, Colma; owner, Paul Wolthers, 90 Ravenswood St.

MOVE and alter residence, \$300; 48-49 Bayshore Blvd., Brisbane; owner, L. A. Monson, Brisbane.

RESIDENCE, \$4000; Lot 27, Blk. 1, Jefferson Acres; owner, Fred Vanderhorden, 627 Myrtle, Redwood City; contractor, Fred Vanderhorden.

## SAN MATEO

ALTER church, \$2000; Lot 5, Blk. 46, Mt. Diablo and Grant, San Mateo; owner, Pilgrim Baptist Church, Frem.; contractor, A. Powers, 224 E. Santa Inez, San Mateo.

RESIDENCE, \$5600; Lot 10, Blk. 10, Castilian, San Mateo; owner, Walter Lendecker, 333 Pine St., San Francisco; contractor, Bradshaw Harrison, 505 San Mateo Ave., San Bruno.

HOME, \$4000; Lot 62, Hacienda, San Mateo; owner and contractor, Henry Erickson, 972 Cheney St., San Francisco.

STORE front, \$500; 15 B St., San Mateo; owner, Henry Males; contractor, O. C. Macaney, 1437 Drake Ave., Burlingame.

RESIDENCE, \$4000; Lot 1, Blk. 26, Avila, San Mateo; owner and contractor, E. Shapiro, 656 15th Ave., San Mateo.

GARAGE, \$300; Lot 14, 39th Ave., San Mateo; owner, Wm. Thompson, 39th Ave., RFD Box 12, San Mateo; contractor, Fred Hurlbut.

RESIDENCE, \$4000; Lot 21, Blk. 25, 10th Ave., San Mateo; owner &

contractor, Gordon Pitsken, 324 Ramona St., San Mateo.

ALTER residence, \$600; 224 Sanola Dr., San Mateo; owner, C W. James, Cortez Ave., Burlingame; contractor, Wallace Waterhouse.

210 Sanola Dr., San Mateo.

RESIDENCE, \$4950; Lot 134, Shafter, San Mateo; owner, Mr. and Mrs. Anthony Berns, San Francisco; contractor, James Horne, 869 California Dr., Burlingame.

## HUMBOLDT CO., NEVADA—Highway Constr.—(State)

HUMBOLDT COUNTY, Nev.—W. W. Clyde, Springville, Utah, at \$51,546.97, submitted low bid and was awarded contract by the Directors of the Department of Highways, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for 10,035 miles highway construction from the Junction of State Routes Nos. 8 and SE Paradise Hall to a point 10 miles northeast, Route SE, Section A, Humboldt County, Nevada.

- (1) 2 each, remove timber bridges;
- (2) 390 l.f. remove culvert pipe;
- (3) 42 each, remove pipe culvert headwalls;
- (4) 12,165 cu. roadway excav.;
- (5) 1,200 cu. drainage excav.;
- (6) 305 sta. V type ditches;
- (7) 34,612 cu. borrow;
- (8) 179,104 yd. sta. overhaul (yd. sta.);
- (9) 18,870 yd. m. overhaul (yd. m.);
- (10) 760 cu. struc. excav.;
- (11) 270 cu. backfill;
- (12) 10,035 m. subgrade, Type C;
- (13) 23,640 tons type 1 gravel base;
- (14) 30,220 tons gravel surface;

- (15) 120 cu. class A concrete;
- (16) 25 cu. class B concrete;
- (17) 1,102 lf. 18-in. CMP (dipped);
- (18) 658 lf. 24-in. CMP (dipped);
- (19) 22 lf. 30-in. CMP (dipped);
- (20) 40 lf. 36-in. CMP (dipped);
- (21) 238 lf. relay culvert pipe;
- (22) 13,330 lbs. reinforcing steel;
- (23) 46 each, monuments.

Total bids follow:

- (A) W. W. Clyde & Co., Springville, Utah, \$51,546.97.
- (B) Geo. French, Jr., Stockton, Cal., \$52,831.89.
- (C) Dodge Const., Inc., Fallon, Nev., \$57,572.09.
- (D) Heafey-Moore Co., Fredrickson & Watson Const. Co., Fredrickson Bros., Oakland, \$59,309.04.
- (E) Ishell Const. Co., Reno, \$62,345.85.
- (F) Utah Const. Co., Ogden, Utah, \$64,943.41.
- (G) Silver State Const. Co., Inc., Fallon, Nev., \$65,730.45.
- (H) Union Paving Co., San Francisco, \$71,323.59.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	\$40.00	\$20.00	\$50.00	\$50.00	\$25.00	\$25.00	\$50.00	\$150.00
2	.....	50	50	1.00	50	50	50	1.00
3	.....	6.00	5.00	5.00	5.00	5.00	10.00	10.00
4	.....	20	25	25	25	25	35	30
5	.....	20	30	25	30	50	40	30
6	.....	4.00	3.00	5.00	5.00	5.00	5.00	5.00
7	.....	18	20	20	30	25	30	25
8	.....	.015	.01	.01	.01	.02	.01	.02
9	.....	15	10	15	15	10	15	10
10	.....	1.00	1.00	1.00	1.25	1.25	1.50	2.00
11	.....	50	75	1.00	50	50	60	1.00
12	.....	90.00	100.00	100.00	100.00	100.00	75.00	100.00
13	.....	35	32	35	35	35	38	50
14	.....	40	45	50	50	57	55	50
15	.....	26.00	30.00	30.00	28.00	35.00	30.00	30.00
16	.....	26.00	35.00	30.00	28.00	25.00	35.00	40.00
17	.....	2.10	2.25	2.50	2.00	2.10	2.50	2.00
18	.....	2.75	3.25	3.50	2.50	3.20	3.25	3.00
19	.....	3.50	4.50	4.50	4.50	4.10	4.50	4.00
20	.....	5.50	6.00	6.00	5.50	5.60	6.00	5.50
21	.....	60	50	1.00	50	50	1.00	50
22	.....	07	08	08	08	07	08	10
23	.....	3.00	3.00	3.00	3.00	3.50	4.00	4.00

## SAN FRANCISCO—STREET RECONSTRUCTION—(City)

SAN FRANCISCO.—The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$20,035.00, submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, under Bid No. S-19-051, for the reconstruction of Section "C" of Ocean Avenue, between Pinehurst Way and Junipero Serra Blvd. Estimated cost, \$25,300.

Work involves:

- (1) 103,000 sq. ft. remove existing asphaltic concrete wearing surface and replace with a 2-inch asphaltic concrete wearing surface;
- (2) 50,000 sq. ft. remove existing concrete or asphaltic concrete base and replace with a 6-inch 5-ack Class E concrete base;
- (3) 650 tons asphaltic concrete base and bedding course;
- (4) 700 lf. curb reset;
- (5) 150 lf. armored concrete curb;

- (6) 2,500 sq. ft. 2-course concrete sidewalk;
- (7) 40 tons asphaltic concrete conform pavement;
- (8) 100 new crosswalk markers furnished and installed;
- (9) 2,000 sq. ft. 2-inch asphaltic concrete wearing surface.

Total bids follow:

- (A) The Lowrie Paving Co., Inc., 1540 16th St., San Francisco—\$20,035.
- (B) Eaton & Smith \$20,125.50
- (C) Pacific Pavements Co., Ltd.—\$21,147.50
- (D) Pacific States Constr. Co.—\$21,477.50
- (E) Charles L. Harney \$21,550.
- (F) A. J. Rains \$21,885.
- (G) The Pav Improvement Co.—\$22,440.50
- (H) M. J. Lynch \$23,384.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	\$0.075	\$0.092	\$0.085	\$0.075	\$0.10	\$0.09	\$0.105	\$0.098
2	.....	1.65	1.3	1.7	1.9	1.4	1.8	1.9
3	.....	4.40	5.00	4.50	4.50	5.00	4.00	4.00
4	.....	60	25	40	55	50	50	50
5	.....	1.00	65	65	70	80	80	80
6	.....	11	12	15	125	12	11	145
7	.....	6.00	6.00	5.00	3.50	4.50	4.00	5.00
8	.....	20	20	25	20	25	25	19
9	.....	07	06	06	075	07	075	07

## WHITE PINE COUNTY, NEVADA—Highway Construction—(State)

WHITE PINE CO., Nev.—As previously reported. W. W. Clyde, of Springville, Utah, at \$166,036.93, submitted the low bid and was awarded the contract by the Directors of the Department of Highways. Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, Nevada, for 29.318 miles highway construction from the Lincoln-White Pine County Line to a point approximately 2.34 miles northwest of the East Foot of Connor's Pass, Route 7, Sections A1, 2, 3, E1 and 2.

- Work involves:
- 4.968 lin. ft. remove fence;
  - 1.425 lin. ft. remove culvert pipe;
  - 80 each remove pipe culvert headwalls;
  - 113.4.6 cu. yd. roadway excavation;
  - 46.830 cu. yd. drainage excavation;
  - 10.290 cu. yd. borrow;
  - 72 sta. "V" type ditches;
  - 294 sta. slope rounding;
  - 144.426 yd. sta. overhaul (yd. sta.);

- 6.732 yd. mile overhaul (yd. mile);
- 4,575 cu. yd. structure excavation;
- 3,846 cu. yd. backfill;
- 26.96 mile subgrade, type "C";
- 410 300 cu. yd. rock cleanup;
- Force acct. roadside cleanup;
- 55 M gal. water;
- 124.524 ton type 1 gravel base;
- 103,654 ton gravel surface;
- 189 cu. yd. class "A" concrete;
- 103 cu. yd. class "B" concrete;
- 132 lin. ft. 15-in. corr. metal pipe (dipped);
- 992 lin. ft. 18-in. corr. metal pipe (dipped);
- 1,108 lin. ft. 24-in. corr. metal pipe (dipped);
- 794 lin. ft. 30-in. corr. metal pipe (dipped);
- 326 lin. ft. 36-in. corr. metal pipe (dipped);
- 1,132 lin. ft. relay culvert pipe;
- 2,290 lb. reinforcing steel;
- 3,150 cu. yd. hand laid riprap;
- 152 each move pipe culvert headwalls;
- 28 each monuments;
- 122 each move monuments;
- 4,915 lin. ft. reconstruct fence.

## Total bids follow:

- (A) W. W. Clyde & Co., Springville, Utah, \$166,036.93.  
 (B) Heafey-Moore Co., Fredrickson & Watson Const. Co., Fredrickson Bros., Oakland, \$195,930.61.  
 (C) Geo. Pollock Co., Sacramento, \$196,608.57.  
 (D) Ishell Const. Co., Reno, \$196,907.74.  
 (E) Hoops Const. Co., Twin Falls, Idaho, \$204,698.99.  
 (F) Dodge Const., Inc., Fallon, Nev., \$205,725.40.  
 (G) Strong and Grant, Springville, Utah, \$206,106.10.  
 (H) Fredrickson & Watson Const. Co., Lower Lake, Calif., \$206,458.83.  
 (I) Union Paving Co., San Francisco \$208,739.26.  
 (J) Olof Nelson, Logan, Utah, \$213,677.14.  
 (K) Utah Const. Co., Ogden, Utah, \$227,516.88.

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1	\$.03	\$.03	\$.02	\$.03	\$.08	\$.03	\$.03	\$.02	\$.02	\$.03	\$.02
2	.50	.65	.75	1.00	1.00	1.25	1.50	.60	1.00	.50	.50
3	5.00	2.00	5.00	5.00	5.00	5.00	10.00	6.00	10.00	5.00	7.00
4	.22	.275	.32	.28	.26	.30	.30	.25	.29	.24	.33
5	.27	.275	.35	.30	.28	.36	.45	.36	.25	.24	.38
6	.20	.27	.30	.28	.25	.25	.25	.30	.35	.24	.30
7	4.00	8.00	5.00	5.00	5.00	5.00	4.00	3.60	5.00	5.00	5.00
8	5.00	6.75	3.50	5.00	4.00	7.50	5.00	4.20	5.00	7.00	7.50
9	.015	.01	.02	.02	.02	.01	.01	.01	.01	.18	.15
10	.35	.15	.20	.25	.20	.15	.20	.15	.20	.02	.015
11	1.00	1.00	1.25	1.25	1.25	1.50	1.00	1.05	1.40	1.00	1.50
12	.50	.48	.75	.50	.50	.50	.40	1.05	1.00	.75	.60
13	90.00	100.00	125.91	100.00	90.00	100.00	100.00	100.00	150.00	100.00	75.00
14	1.00	2.00	2.50	1.00	2.50	1.00	1.00	3.00	3.00	1.00	5.00
15	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00	1900.00
16	4.00	5.00	5.00	5.00	3.00	5.00	3.00	12.00	2.00	5.00	4.00
17	.32	.42	.40	.40	.40	.40	.34	.34	.35	.44	.40
18	.40	.35	.31	.35	.46	.35	.34	.45	.50	.52	.55
19	26.00	35.00	35.00	34.00	30.00	30.00	28.00	32.00	30.00	30.00	30.00
20	35.00	35.00	35.00	35.00	30.00	30.00	30.00	44.00	30.00	30.00	32.00
21	1.70	1.70	2.25	2.75	2.00	2.50	2.25	1.80	1.75	2.00	1.75
22	2.00	2.10	3.00	2.70	2.50	2.25	2.25	2.40	2.25	2.50	2.50
23	2.70	3.25	3.50	3.50	3.25	3.25	2.50	3.60	3.00	3.50	3.25
24	3.40	4.00	4.50	4.10	4.00	4.00	4.00	4.50	4.00	4.50	4.50
25	5.60	5.65	6.50	6.15	6.00	6.00	6.00	6.50	6.00	7.00	6.00
26	.60	.85	.75	.75	1.00	1.00	.75	.60	1.00	1.00	1.00
27	.065	.08	.07	.075	.07	.08	.08	.08	.08	.08	.085
28	2.00	5.50	3.25	4.00	4.00	3.00	5.00	3.60	5.00	5.00	4.50
29	8.00	10.00	8.00	10.00	15.00	10.00	10.00	12.00	10.00	15.00	10.00
30	3.00	3.00	4.00	3.50	5.00	3.00	3.00	3.60	3.00	5.00	4.00
31	2.90	3.00	2.50	2.50	3.00	2.50	3.00	1.50	2.00	5.00	2.50
32	.07	.07	.08	.08	.12	.10	.10	.10	.10	.10	.06

## LOS ANGELES—GRADING &amp; PAVING—(City)

LOS ANGELES, Calif.—Southern Pacific Roads Co., 2145 E. 25th St., Los Angeles, at \$34,408.67, submitted the low bid to the Los Angeles Board of Public Works for grading and paving streets in Alameda St. and Alamo St. Improvement District, Los Angeles Terminal Station, PWA Project 4361, Unit J-3.

Work involves:

Lump sum grading (1250 cu. yd.) and fill, including removal of existing improvements; 18 sta. of 4-in. base, in-place, asphalt surfacing; 84 sta. of 4-in. base wearing surface, including resurf.

- 410 tons rock and oil roadway;
- 411 sq. ft. concrete pavement 8 inches thick (including local depressions);
- 1,838 lb. unplastered heavy class curb;
- 1,553 lb. curb armor;
- 17,732 sq. ft. one-course walk, 3 inches thick;
- 1,788 sq. ft. conc. gutter, 8 in. thick;
- Lump sum, storm drain with all necessary appurtenances and appurtenant work not including local depressions;
- Lump sum, installation of ornamental lighting system with all necessary appurtenances and appurtenant work;
- 6 manholes to be reset.

## Total bids follow:

- (A) Southern California Roads Co.—\$34,408.67.  
 (B) Griffith Co.—\$36,826.11.  
 (C) Geo. R. Curtis Paving Co.—\$37,978.69.  
 (D) L. A. Paving Co.—\$38,231.65.  
 (E) P. J. Akmadzich, L. A.—\$38,424.09.  
 (F) Radich & Brown—\$39,357.91.  
 (G) C. O. Sparks—\$40,187.79.  
 (H) Johnson & Percallo—\$52,249.51.  
 (I) Engineer's Estimate—\$40,133.74.

## Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1	\$2,200.00	\$5,300.00	\$3,100.00	\$3,500.00	\$2,000.00	\$4,375.00	\$3,000.00	\$7,553.50	\$3,242.00
2	2.50	3.30	3.30	3.60	3.50	3.15	3.50	4.00	3.85
3	2.90	3.30	3.30	3.65	3.65	3.15	3.50	4.50	3.85
4	2.70	2.50	3.30	3.30	3.00	3.10	3.40	3.00	3.50
5	.28	.28	.28	.26	.26	.27	.26	.24	.27
6	.50	.50	.58	.55	.60	.63	.70	.75	.60
7	1.50	1.50	1.40	1.35	1.50	1.25	1.30	1.25	1.30
8	.25	.12	.13	.135	.14	.22	.25	.25	.25
9	.30	.30	.26	.28	.25	.23	.14	.15	.13
10	3.50	2.70	3.60	3.40	5.00	4.733	3.500	8.000	3.269
11	17,200.00	28,000.00	18,370.00	17,000.00	17,000.00	17,500.00	19,000.00	21,000.00	19,400.00
12	40.00	50.00	75.00	35.00	120.00	150.00	100.00	60.00	50.00



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

FORT McDOWELL, Calif.—Until December 6, 10:30 A. M. bids will be received by the Quartermaster, Fort McDowell, under Circ. Prop. No. 536-28-8, for furnishing Portland cement aggregates; fob shipping point on/or docks, East Garrison, Fort McDowell.

SACRAMENTO, Calif.—Until Nov. 16, 2 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Pro. No. 1105-38-121 for furnishing and delivering miscellaneous castings, etc.

## MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Dec. 13, 2 p. m., bids will be received by Metropolitan Water District, Los Angeles, for telephone exchange equipment for use at Colorado River Aqueduct pumping plants, Spec. 248. Certified or cashier's check for 10% must accompany bid.

## NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:

SCH. 2020—26 Pneumatic drills for Brooklyn; 39 do., Mare Island; 4 do., Brooklyn; 1 do., Charleston; 10 pneumatic grinders, Philadelphia; 25 do., Mare Island; 2 do., Philadelphia; 12 do., Brooklyn; 36 do., Brooklyn; 2 do., Philadelphia; 94 do., San Diego; Nov. 16.

SCH. 1995—Tool handles, wood, for eastern and western yards, November 16.

SCH. 2025—103,100 aluminum cartridge base tanks, for eastern and western yards, Nov. 19.

SCH. 2034—43,500 ft. flexible steel cable for Philadelphia; 1,500 ft. do., Quantico; 45,000 ft. do., San Diego, Nov. 19.

SCH. 2011—General purpose and moulder's shovels for eastern and western yards, Nov. 16.

SCH. 1951—2 or 3 motor-driven radial drills for Brooklyn and Philadelphia, Nov. 19.

SCH. 2023—Steel wire nails for eastern and western yards, Nov. 23.

SCH. 2024—350 soap dishes for Sewall's Point; 230 do., Mare Island; 150 liquid soap dispensers for Sewall's Point; 175 soap dish holders for Brooklyn; 225 do., Sewall's Point; 175 do., Mare Island; 110 toilet paper holders, for Sewall's Point; 100 tumbler or toothbrush cup holders, for Mare Island; 50 towelracks, for Mare Island, Nov. 23.

SCH. 2052—1200 ft. cotton fire hose, 2½-in. I.d. for San Diego, November 23.

SCH. 2039—Chisels and chisel blanks, for eastern and western yards, Nov. 23.

SCH. 2035—Lavatories, urinals, waterclosets and seats, for eastern and western yards, Nov. 23.

SCH. 2022—Anchor shackles and wire rope thimbles, for eastern and western yards, Nov. 23.

SCH. 2046—2 valve reseating outfits

for Mare Island, Nov. 23.

SCH. 2060—470 garden hoses for Sewall's Point; 275 do., Mare Island; 700 garden rakes for Sewall's Point; 130 do., Mare Island, Nov. 23.

SCH. 2053—Jacks for Norfolk and Mare Island, Nov. 23.

SCH. 2065—Motor-driven horizontal shaper for Mare Island, Nov. 23.

SCH. 2045—Figures and letters, stamping, for eastern and western yards, Nov. 23.

SCH. 2080—Alloy, nickel-copper; rod and sheet, for Portsmouth and Mare Island, Nov. 23.

SCH. 2071—Asbestos board panels for Eastern yards and Puget Sound, Nov. 23.

SCH. 2058—Hydraulic pumps and motors for Portsmouth and Mare Island, Nov. 23.

## CANAL ZONE

PANAMA CANAL—Until Nov. 18, 10:30 A. M., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., under Sch. No. 3299, for furnishing supplies and materials, including: Locomotive springs, rail clips, copper pipe, curb cocks, brass unions, flanging tools, automobile wheel balancing weights, equipment for Balboa High School and Junior College Shop (hand tools, automotive tools, grinding, huffing, sanding equipment, automotive wrenches, paint spray equipment), ring bolts, netting, paint cans and pails, aluminum, marine lights, asbestos-wood liners, paints, varnish, lacquer, mineral spirits, structural steel plates and angles; fob Cristobal or Balboa, C. Z.

Plans and specifications may be obtained at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

SAN FRANCISCO—Until Nov. 18, 10 A. M. bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4666, for furnishing 80 feet of corrugated metal pipe and two hand couplers; fob Sacramento.

SAN FRANCISCO—Until Nov. 18, 10 a. m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4668, for furnishing lavatories, closets, urinals, sinks, valves, drills, showers and faucets; f.o.b. 31th Ave. and Lincoln St., San Francisco.

## WAR DEPARTMENT

SAN FRANCISCO—Until Nov. 18, 3 p. m., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 568-28-68, for machining impeller for the U. S. Dredge, "Dan C. Kingman"; f.o.b. Storehouse, Presidio, San Francisco.

## CANAL ZONE

THE PANAMA CANAL—Until Nov. 17, 10:30 a. m., bids will be received by the Office of the General Purchasing Officer, Washington, D. C., under Schedule No. 3300, for furnishing supplies and materials, including:

Marine Diesel engine, single surface machine, bar steel, scrap iron, aluminum tape, copper tubing, pipe unions, valves, electric insulators, toggle switches, insulated cable, copper wire, nuts, bolts, washers and liquid soap dispensers; f.o.b. Cristobal and/or Balboa, C. Z.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agt., The Panama Canal, Fort Mason, San Francisco, Cal.

## MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Nov. 18, 10 A. M., bids will be received by Metropolitan Water District, Purchasing Agent, Los Angeles, for the sale of 30,000 bd. ft. of scrap lumber; Bid SW 403. Also fair sale of 18,000 bd. ft. of D F ties, 6x6-in. x 5-ft., Bid SM 402; also fair sale of 70,000 bd. ft. of scrap lumber, Bid SM 401.

LOS ANGELES, Cal.—Until Dec. 3, 2 P. M., bids will be received by Metropolitan Water District, Los Angeles, for nine inlet gates with gate guides and hoists for use at Intake pumping plant of Colorado River Aqueduct, Spec. 251. Equipment consists of nine 7 ft. 8-in. by 7 ft. 8-in. C I gates with C I guides and nine hand-operated worm-gear type hoists, together with sufficient hoist chain for operating the gates. Certified or cashier's check \$2500 must accompany the bid.

## Building Permits

### SAN MATEO COUNTY

RESIDENCE, \$2600; Part of Lot 6, Grassland Ave., Grassland Park; owner and contractor, Frank McCrary, Fenton, Cal.

ALTER service station, \$150; 19th Ave. and Bayshore Blvd., San Mateo; owner and contractor, John Mitvalsky, San Mateo.

RESIDENCE, \$2500, Lots 15-16, Bldg. 3, Faralones St., Edge Mar; owner, Wilhelm Konow, 407 Teahama St., San Francisco.

ADDITION, garage, \$150; Lot 10, Bldg. 8, Mariposa St., Brisbane; owner and contractor, Wilbur P. Hess, 223 Mariposa St., Brisbane.

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## IN THIS ISSUE



Los Gatos - Santa Cruz  
Highway Bids Dec. 8



*Bishop Low Bidder on \$84,000 Road Job*



Building Permits, Advance Reports  
of Building and Engineering  
Projects

**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**

**GOLDEN  
GATE**

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79

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# PACIFIC CONSTRUCTOR

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Vol. XX SAN FRANCISCO, CALIF., NOVEMBER 20, 1937 No. 44

## BIDS NOV. 30 ON FIRST UNIT FOR CAMPBELL

### Bids Call for Gymnasium, First Unit of \$242,380 School Building Program

Northern California's school construction program received added impetus with the issuance of a call for bids for construction of the first unit of the \$242,380 Campbell School addition in Santa Clara Co.

Bids will be opened November 30 by the Campbell Union High School District.

The PWA recently allotted a grant of \$109,071 to aid in construction of four school buildings, including the acquisition of equipment, improvement of the school grounds by landscaping, fencing, paving, and construction of six tennis courts.

Plans and specifications for the entire project were prepared by Architect Harold H. Weeks.

The first unit, for which bids will be opened November 30, includes construction of the gymnasium, only.

Other buildings in the proposed school construction program include a two-story main high school building, a one-story auditorium and a shop building.

The main school building is to be connected with the auditorium and the present classroom building by arcades. Reasons for the addition, according to a PWA report, are increased enrollment and unit changes in some of the old buildings.

Bids will be received at 7 o'clock on the evening of November 30, and opened at 8 P. M. Plans and specifications may be obtained from the office of Architect Harold H. Weeks, 593 Market street, San Francisco, upon deposit of \$20.00.

It was not announced how soon bids would be called for construction of the remainder of the proposed school plant.

Orders for oil burners totaled \$2,860 during September, as compared to orders totaling 23,479 taken during August, 1937, according to the monthly report of the Bureau of Census.

## Call Los Gatos-Santa Cruz Highway Bids For December 8; Schedule Two Inyo Jobs

SACRAMENTO, Nov. 16.—Bids on another section of the Los Gatos-Santa Cruz Highway today were called for December 8 by the California State Highway Commission. The Commission also called for bids on two highway improvement projects in Inyo county, to be opened on the same date in Sacramento.

Another link in the improvement of the Los Gatos-Santa Cruz Highway, Route 5, was completed some time ago with the opening to travel of the Scott's Valley reconstruction at the Santa Cruz end. The proposed improvement is located between Inspiration Point and Los Gatos, a distance of about 6.3 miles.

2,193,000 Cubic Yards

The contract calls for grading and surfacing with roadmixed surfacing on crusher run base. Principal items include: 127 acres of clearing and grubbing; 2,183,000 cubic yards of unclassified roadway excavation; 2500 cubic yards of ditch excavation; 12,500 cubic yards of structural excavation; 32,000,000 yards station yards overhaul; 35,500 tons of crusher run base; 31,500 tons of mineral aggregate road mixed surfacing; 310,000 pounds of bar reinforcing steel; 2500 cubic yards of Class A Portland cement concrete structures; and 2390 tons of liquid asphalt of various types.

### Two Projects

Bids will be opened December 8 for grading and surfacing with road mixed surfacing about two miles of highway between 1.5 miles west of Bishop and Bishop in Inyo county.

Principal items include: 2600 cubic yards of unclassified roadway excavation; 9900 cubic yards of imported borrow; 1930 cubic yards of mineral aggregate surfacing; 210 tons of hand aphalt; 1050 lbs. of bar reinforcing steel; 3950 lbs. of miscellaneous iron and steel; and 125 tons of sand seal coat.

### Oil Treatment

The third job for which bids were called today involves grading and applying penetration oil treatment to about 2.3 miles of highway between 4.5 miles east of Paumotu Sink and Death Valley National Monument in Inyo county.

## BISHOP LOWEST OF 14 BIDDERS FOR OVERPASS

SACRAMENTO, Nov. 17.—R. R. Bishop, 5017 East Broadway, Long Beach, today submitted the lowest of 14 bids to the State Division of Highways here for construction of a reinforced concrete girder overpass in San Luis Obispo county.

Bishop's low proposal of \$84,399 was more than \$1000 under that of Earl W. Heple, San Jose, the second low bidder.

The overcrossing will carry the State highway over the Southern Pacific tracks about six miles north of San Luis Obispo.

### Total Proposals

Total bids on the overpass contract were:

R. R. Bishop, 5017 E. Broadway, Long Beach, \$84,399.00

Earl W. Heple, San Jose, \$88,535.  
Dummitt and Taylor, Los Angeles, \$89,946.00

J. S. Metzger & Son, Los Angeles \$91,570.00

Metropolitan Const. Co., Los Angeles \$93,790.00

C. O. Sparks & Mando Engr. Co., Los Angeles, \$94,915.00

Hyman & Dean, Los Angeles, \$94,803.00

A. Scott & Son, O'Shond, \$95,340.00

J. E. Knapp, Orl. Ind., \$95,705.00

J. G. Madlock Ltd., Pasadena, \$98,700.00

Alta Const. Co. Inc., Alhambra, \$99,140.00

Werner & Wells, Los Angeles, \$102,090.00

Lundgren & Swinerton Inc., San Francisco, \$107,467.00

C. W. Calvert & Co., San Rafael, \$109,430.00

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amnt.
154-6	Campbell	Owner	4000
157-9	Campbell	Owner	5000
160	Hunt	Early	1000
161-2	Mendo	Janssen	4000
163	Neilsen	Owner	1500
164	Rousseau	Owner	4000
165-6	Rousseau	Owner	6000
167	Stagnaro	Shannon	16000
168	Union Oil	Owner	4000
169	Barthold	Owner	1750
170	Beloni	Erckson	2900
171-2	Doelger	Owner	4000
173	Hayes	Thulin	2000
174	Inv. Prop.	Phoen	1600
175	Johnson	Owner	1500
176	Johnson	Owner	3000
177	Anderson	Owner	3800
178	Baker	Wagner	3000
179	Crist	United Showcase	1200
180	Erlendson	Owner	3000
181	Isaac	Owner	6000
182	McCarthy	Owner	4000
183	Nelson	Owner	4500
184	Nelson	Papenhausen	14000
185	Rose	Owner	1000
186	Doelger	Owner	4000
187	Oakes	Owner	1000
188	Perasso	Owner	1200
189	Schwartz	Owner	3500
190	Sow Din	Yick	1000
191	Fourcade	Owner	1000
192	Marshall	Elec. Prod.	1400
193	Saltzman	Liebman	1000
194	Agalar	McFarland	5000
195	Aimo	Schwahn	5000
196	Anderson	Bowman	1000
197	Duffy	Delucchi	4500
198	Hallgren	Owner	3500
199	Mazza	Murer	3500
200	Morrill	Zinkand	5000
201-3	Villa Moret	Owner	4000
204-5	Zillmer	Owner	3000

**DWELLING**  
(154) S. ULLOA, 252 E LAGUNA HONDA BLVD. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St. \$4000

**DWELLING**  
(155) S. ULLOA, 283 E LAGUNA HONDA BLVD. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St. \$4000

**DWELLING**  
(156) N. ULLOA, 337 E LAGUNA HONDA BLVD. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St. \$4000

**DWELLING**  
(157) N. ULLOA, 358 E LAGUNA HONDA BLVD. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St. \$5000

**DWELLING**  
(158) NW ULLOA AND SYDNEY WAY. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 California St.  
Architect—Conrad T. Kett, 519 California St. \$5000

**DWELLING**  
(159) N. ULLOA, 265 E LAGUNA HONDA BLVD. One-story and basement frame dwelling.  
Owner—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St. \$5000

**ALTERATIONS**  
(160) 1434 ALEMANY BLVD. Alter building.  
Owner—Frederick Hunt, Prem.  
Contractor—Fred J. Early, Jr., 369 Pine St.  
Architect—Not Given. \$1000

**DWELLING**  
(161) N. OCEAN AVE, 120 E OF WESTGATE DRIVE. One-story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement St.  
Contractor—E. A. Janssen, 1136 Clement St.  
Architect—Not Given. \$4000

**DWELLING**  
(162) S. CLEMENT, 83 W 36TH AVE. One-story and basement frame dwelling.  
Owner—Mendo Corp., 1136 Clement St.  
Contractor—E. A. Janssen, 1136 Clement St.  
Architect—Not Given. \$4000

**FLATS**  
(163) SW YUKON AND SHORT STS. Two-story and basement frame flats.  
Owner—M. Neilsen, 160 Yukon St.  
Architect—Not Given. \$1500

**DWELLING**  
(164) E. TEMESCAL TERR., 155 N GOLDEN GATE AVE. 1-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$4000

**DWELLING**  
(165) E. TEMESCAL TERR., 130 N GOLDEN GATE. Two-story & basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

**DWELLING**  
(166) E. TEMESCAL TERR., 105 N GOLDEN GATE AVE. Two-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

**DWELLING**  
(167) W CHURCH, 100 N 14TH ST. Three-story and basement frame dwelling.  
Owner—E. Stagnaro, 1341 29th Ave.  
Contractor—P. Shannon, 582 16th Ave.  
Architect—Not Given. \$16,000

**SERVICE STATION**  
(168) SE 19TH AVE. AND JUDAH ST. Steel service station.  
Owner—Union Oil Co. of California, Mills Bldg.  
Contractor—Not Selected.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(169) 51 WEST CLAY PARK. Alter dwelling.  
Owner—R. M. Barthold, Prem.  
Architect—Fahre & Hildebrand, 110 Sutter St. \$1750

**DWELLING**  
(170) S. SURREY, 142 E. PT. CHERY AND SURREY. One-story and basement frame dwelling.  
Owner—Frank Beloni, 964 Chenery.  
Contractor—Henry Erckson, 972 Chenery.  
Architect—Not Given. \$2900

**DWELLING**  
(171) S. KIRKHAM, 91 E 34TH AVE. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(172) S. KIRKHAM, 95 W 33RD AVE. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(173) 183 VALENCIA. Alter hotel.  
Owner—Clara J. Hayes, c/o 63 Brady St.  
Contractor—A. L. Thulin, 63 Brady St.  
Architect—Not Given. \$2000

**RETAINING WALL**  
(174) 1645-55 MARKET ST. Retaining wall.  
Owner—Investment Prop. Corp., 340 Pine St.  
Contractor—Phoenix-Slimpton Co., 520 Sixth St.  
Architect—Not Given. \$1600

**DWELLING**  
(175) W. NAPLES, 76 S SILVER AVE. One-story frame dwelling.  
Owner—J. A. Johnson, 69 Madison St.  
Architect—Not Given. \$1500

**DWELLING**  
(176) SW NAPLES AND SILVER AVE. One-story frame dwelling.  
Owner—J. A. Johnson, 69 Madison St.  
Architect—Not Given. \$3000

**DWELLING**  
(177) E. 17TH AVE., 74 N OF WAWONA. One-story and basement frame dwelling.  
Owner—S. R. Anderson, 1433 7th Ave.  
Architect—C. O. Clausen, 746 46th Ave. \$3800

**DWELLING**  
(178) W. FAXON, 150 N LAKEVIEW. One-story and basement frame dwelling.  
Owner—L. O. Baker, 1314 Plymouth Ave.  
Contractor—R. Wagner, 121 Dolores  
Architect—Not Given. \$3000

**ALTERATIONS**  
(179) NE FILLMORE AND ELLIS STS. Alter restaurant.  
Owner—Thomas Crist, Prem.  
Contractor—United Show Case Co., 655 McAllister St.  
Architect—Not Given. \$1200

**DWELLING**  
(180) W. DOUGLAS, 49 N 21ST ST. One-story and basement frame dwelling.  
Owner—L. Erlendson, 460 Duboce.  
Architect—Not Given. \$3000

**DWELLING**  
(181) N. BURLWOOD DR., 90 E LOS PALMOS. Two-story and basement frame dwelling.

Owner—H. H. Isaac, 1149 Cole St.  
Architect—Not Given. \$6000

DWELLING  
(182) N. AGNA WAY, 140 W TER-  
ESITA BLVD. One-story and  
basement frame dwelling.

Owner—The McCarthy Co., 333 Kear-  
ny St.  
Contractor—Aetna Constr. Co., 1730  
24th Ave.  
Architect—Not Given. \$4000

DWELLING  
(183) W. 20TH AVE., 30 N OCEAN.  
One-story and basement frame  
dwelling.

Owner—Fernando Nelson & Sons,  
2901 19th Ave.  
Architect—Not Given. \$4500

DWELLING  
(184) W. SAN BUENAVENTURA  
WAY, 64 N SAN ANSELMO AV-  
ENUE. Two-story and base-  
ment frame dwelling.

Owner—Thomas Nelson, 49 San  
Pablo Ave.  
Contractor—H. Papenhausen, 595 Victo-  
ria St.  
Architect—Masten & Hurd & Roeth,  
442 Post St. \$14,000

ALTERATIONS  
(185) NW PINE AND GRANT. Al-  
ter hotel.

Owner—Louis Rose, 246 Montgomery  
St.  
Architect—Not Given. \$1000

DWELLING  
(186) N. NORIEGA, 100 E 17TH  
AVE. One-story and basement  
frame dwelling.

Owner—Henry Doelger Bldr., Inc., 320  
Judah St.  
Architect—Not Given. \$4000

DWELLING  
(187) W. NEVADA, 125 S OGDEN.  
One-story and basement frame  
dwelling.

Owner—Chas. Oakes, 522 Nevada.  
Architect—Not Given. \$1000

ALTERATIONS  
(188) 807 ATHENS ST. Alter dwell-  
ing.

Owner—John Perasso, 807 Athens St.  
Architect—Not Given. \$1200

DWELLING  
(189) E. 4TH AVE., 250 N RIV-  
ERA. One-story and basement  
frame dwelling.

Owner—S. A. Schwartz, 305 Grant  
Ave.  
Architect—Not Given. \$3500

ALTERATIONS  
(190) 649 JACKSON ST. Alter res-  
taurant.

Owner—Geo. Sow Din, Prem.  
Contractor—Frank Yick, 670 Wash-  
ington St.  
Architect—Not Given. \$1000

ALTERATIONS  
(191) 608 SACRAMENTO ST. Alter  
cafe.

Owner and Contractor—Rene Four-  
cade, 14 Churchhill St.  
Architect—Not Given. \$1,000

ALTERATIONS  
(192) 1192 MARKET ST. Alter mar-  
quee.

Owner—Marshall Square Theatre Co.,  
1192 Market Street.  
Contractor—Electric Prod. Corp., 913  
Harrison St.  
Architect—Not Given. \$1,400

ALTERATIONS  
(193) 115 PRESIDIO AVE. Alter  
dwelling.

Owner—Jos. Saltzman, c/o contrac-  
tor.

Contractor—Ben Liebman, 3319 Fill-  
more Street.  
Architect—Irvin Goldstein, 1200 Oak  
Street. \$1,600

FLATS  
(191) N. UNION, 113 W LEAVEN-  
WORTH. Two-story frame flats.

Owner—M. C. Agalar, 1132 Union St.  
Contractor—James A. McFarland, 710  
47th Ave.  
Architect—Not Given. \$5000

ALTERATIONS  
(195) 2092 THIRD ST. Alter dwell-  
ing and restaurant.

Owner—Edith Aimo, Prem.  
Contractor—Harry G. Schwahn, 222  
Castro St.  
Architect—Not Given. \$5000

ALTERATIONS  
(196) 751 8TH AVE. Alter dwelling.

Owner—Amelia Anderson, 953 De  
Haro St.  
Contractor—M. M. Bowman, 118  
Church St.  
Architect—Not Given. \$1000

DWELLING  
(197) S. 21ST ST., 102 W CHURCH  
ST. One-story and basement  
frame dwelling.

Owner—A. Duffy, 1346 Guerrero St.  
Contractor—Richard Delucchi & Co.,  
3275 San Bruno Ave.  
Architect—W. E. Huson, 475 24th  
Ave. \$4500

DWELLING  
(198) E. 25TH AVE., 325 S MORA-  
GA. One-story and basement  
frame dwelling.

Owner—A. Hallgren, 1594 29th Ave.  
Architect—Not Given. \$3500

ALTERATIONS  
(199) 2953 26TH ST. Alter dwelling.

Owner—Mary Mazza, 1720 La Salle  
Ave.  
Contractor—L. Murer, 1274 Quesada  
Ave.  
Architect—Not Given. \$3500

DWELLING  
(200) E. LINARES, 76 S ORTEGA  
ST. One-story and basement  
frame dwelling.

Owner—Lena M. Morrill, c/o Archi-  
tect.  
Contractor—Ed. Zinkand & Sons, 667  
46th Ave.  
Architect—Geo. H. Ralph, 110 Sutter  
St. \$5,000

DWELLING  
(201) S. KIRKHAM, 189 W. 15TH  
AVE. One-story and basement  
frame dwelling.

Owner—Villa Moret, Inc., 703 Market  
St.  
Architect—Not Given. \$4000

DWELLING  
(202) S. KIRKHAM, 243 W. 15TH  
AVE. One-story and basement  
frame dwelling.

Owner—Villa Moret, Inc., 703 Market  
St.  
Architect—Not Given. \$1000

DWELLING  
(203) S. KIRKHAM, 216 W. 15TH  
AVE. One-story and basement  
frame dwelling.

Owner—Villa-Moret, Inc., 703 Market  
St.  
Architect—Not Given. \$4000

DWELLING  
(204) W. CAPITOL, 250 S GRAF-  
TON. One-story frame dwelling.

Owner—Walter Zillmer, 2966 26th  
Ave.  
Architect—Not Given. \$3000

DWELLING  
(205) W. CAPITOL, 275 S GRAF-  
TON. One-story and basement

frame dwelling.  
Owner—Walter Zillmer, 2966 26th  
Ave.  
Architect—Not Given. \$3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
275-8	Graves	Beckett	5100
279	Miller	Owner	1850
280	Amer. Tr.	Conner	1000
281	Miller	Walker	4000
282	Deardorff	Lloyd	4500
283	Elliott	Owner	2000
284	Benig	Nichols	3550
285	Murphy	Coward	7500
286	Randall	Owner	3000
287	Teasdale	Henrietta	3000
288	Tulloch	Rosano	8350
289	Coplin	Van Aalst	6000
290	Hubbard	Smith	3000
291	Parish	Hastings	2000
292	Roseberg	Owner	3400

293	Kesti	Owner	2900
294	Baxter	Hohn	3000
295	Kotchelis	Tixera	2800
296	Mah	Detter	1000
297	Pfarr	Owner	5000
298	Scherman	Spivock	4000
299	Singleton	Owner	1000
300	Valpreda	Owner	4500
301	Weaver	Scott	3300
302	Rarey	Kimball	4000
303	Vandergend	Green	2200
304	Woolsey	Bonds	1000
305	Baker	Hoffman	3200
306	Baldwin	Beckett	13500
307	Dowling	Owner	4500
308	Yacht	Owner	1600
309	Cal. State	Letter	2340
310	Evans	Stead	3000
311	Am. Conc.	Owner	1200
312	Bartman	Jensen	3200
313	Cal. State	Leter	3000
314	Cameron	Owner	16,500
315	Heraty	Jensen	2300
316	Lesser	Kulcher	1000
317	Pendola	Wierk	2750
318	Pond	Pond	3500

319	Yacht	Owner	1600
320	Cal. State	Letter	2340
321	Am. Conc.	Owner	1200
322	Bartman	Jensen	3200
323	Cal. State	Leter	3000
324	Cameron	Owner	16,500
325	Heraty	Jensen	2300
326	Lesser	Kulcher	1000
327	Pendola	Wierk	2750
328	Pond	Pond	3500

DWELLING  
(275) 18 CAMBRIDGE WAY, PIED-  
MONT. One-story 5-room dwell-  
ing and garage.

Owner—G. Arnold and P. Graves, 242  
Monte Vista Ave., Oakland.  
Contractor—A. T. Beckett, 224 Scenic  
Ave., Piedmont  
Architect—E. L. Snyder, 2104 Addison  
St., Berkeley. \$5,100

DWELLING  
(276) 14 CAMBRIDGE WAY, PIED-  
MONT. One-story 5-room dwell-  
ing and garage.

Owner—G. Arnold and P. Graves, 242  
Monte Vista Ave., Oakland.  
Contractor—A. T. Beckett, 224 Scenic  
Ave., Piedmont  
Architect—E. L. Snyder, 2104 Addison  
St., Berkeley. \$5,100

DWELLING  
(277) 16 CAMBRIDGE WAY, PIED-  
MONT. One-story 5-room dwell-  
ing and garage.

Owner—G. Arnold and P. Graves, 242  
Monte Vista Ave., Oakland.  
Contractor—A. T. Beckett, 224 Scenic  
Ave., Piedmont  
Architect—E. L. Snyder, 2104 Addison  
St., Berkeley. \$5,100

ALTERATIONS  
(279) 58 LAKEVIEW AVE., PIED-  
MONT. Alterations.

Owner and Contractor—Rudolph Mil-  
ler, 58 Lakeview Ave., Piedmont  
Architect—Not Given. \$1950

ALTERATIONS  
(280) 2728 DURANT, BERKELEY.

Alterations.  
Owner—American Trust, Oakland.  
Contractor—Conner & Conner, 1733  
Francisco.  
Architect—Not Given. \$1000

- DWELLING**  
(281) 731 CRESTON RD., BERKELEY. One-story 5-room frame dwelling and garage. Owner—Nina Miller, Frem. Contractor—J. M. Walker, 401 Spruce. Architect—Not Given. \$4000
- DWELLING**  
(282) 9 GLENWOOD GLADE, OAKLAND. One-story 5-room dwelling. Owner—E. M. Deardorff, 25 Glenwood Glade. Contractor—J. A. Lloyd, 4017 East 5th St. Architect—Not Given. \$4500
- DWELLING**  
(283) 9890 THERMAL ST., OAKLAND. One-story 3-room dwelling. Owner & Builder—W. H. Elliot, 6015 Contra Costa Road. Also 1-story garage, \$150. Architect—Not Given. \$2000
- DWELLING**  
(284) 4616 STEELE ST., OAKLAND. One-story 5-room dwelling. Owner—M. L. Koenig, 1106 Broadway. Contractor—Leo E. Nichols, 3800 Enos Ave. Architect—Not Given. \$3350
- ALTERATIONS**  
(285) 1947 E. 28TH ST., OAKLAND. Alterations and additions to apt. Owner—Cornelius Murphy, 2238 21st Ave. Contractor—Jos. Coward, 1944 East 27th St. Architect—John D. Wagenet, Financial Center Bldg. \$7500
- DWELLING**  
(286) 2004 80TH AVE., OAKLAND. One-story 5-room dwelling. Owner & Builder—R. R. Randall, 8032 Foothill Blvd. Architect—Not Given. \$3000
- SERVICE STATION**  
(287) 2450 CYPRESS ST., OAKLAND. One-story steel service station. Owner—Frank Teasdale, 22nd and Grove Sts. Contractor—V. M. Henrietta, 2929 21st Ave., San Francisco. Architect—Not Given. \$3000
- WAREHOUSE**  
(288) 315 11TH ST., OAKLAND. One-story concrete warehouse. Owner & Builder—John F. Tulloch, 335 8th St. Architect—Robt. Fisher, Crocker Bldg., San Francisco. \$8350
- DWELLING**  
(289) 6931 LIGGETT DR., OAKLAND. Two-story 6-room dwelling. Owner—Keith Coplin, Frem. Contractor—W. Van Aalst, 608 16th St. Architect—Not Given. \$6000
- ALTERATIONS**  
(290) 408 HAWTHORNE ST., OAKLAND. Alterations. Owner—Bert S. Hubbard, Frem. Contractor—Ashley Smith, 3027 Capp St. Architect—Not Given. \$3000
- ALTERATIONS**  
(291) 2642 E 16TH ST., OAKLAND. Alterations. Owner—W. Parish, Frem. Contractor—Geo. A. Hastings, 1963 8th Ave. Also garage, \$150. Architect—Not Given. \$2000
- DWELLING**  
(292) 7400 CIRCLE HILL DRIVE, BERKELEY. One-story 5-room dwelling. Owner & Builder—A. Roseberg, 1712 48th Ave. Architect—Not Given. \$3400
- DWELLING**  
(293) 1209 HOPKINS, BERKELEY. Frame dwelling and garage. Owner & Builder—David Kesti, 2217 Browning St., Berkeley. Architect—Not Given. \$2,900
- STORE BLDG.**  
(294) 3720-22 HOPKINS, OAKLAND. Store building. Owner—Bernice Baxter, 25 Blair Avenue, Oakland. Contractor—A. L. Holin, 10601 Beverly Ave., Oakland. Architect—Not Given. \$3,000
- DWELLING**  
(295) 1221 87th AVE., OAKLAND. One-story 5-room dwelling. Owner—John Kotchells, 1229 87th Avenue, Oakland. Contractor—M. V. Teixeira, 848 High St., Hayward. Architect—Not Given. \$2,500 Also 1-story garage, \$150.
- ADDITION**  
(296) 4025 HARDING WAY, OAKLAND. Addition. Owner—M. Mahl, 4025 Harding Way, Oakland. Contractor—D. Dether, 4763 S Crest Ave., Hayward. Architect—Not Given. \$1,000
- DWELLING**  
(297) 5487 MASONIC AVE., OAKLAND. One-story 6-room dwelling. Owner and contractor, H. C. Pfrang, 5659 Ocean View Dr., Oakland. Architect—Not Given. \$5,000
- DWELLING**  
(298) 1538 26th AVE., OAKLAND. One-story 5-room dwelling. Owner—Sol Scherman, 1538 26th Ave. Oakland. Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco. Architect—Not Given. \$4,000
- DWELLING**  
(299) 1563 HAVENSCOURT BLVD., OAKLAND. One-story two-room dwelling. Owner and Builder—W. H. Singleton, 1567 Havenscourt Blvd., Oakland. Architect—Not Given. \$1,000
- DWELLING**  
(300) 6314 NEW BROADWAY, OAKLAND. One-story 6-rm. dwelling. Owner and Builder—Louis Valpreda, 472 Market St., Oakland. Architect—Ray Keefe, 583 Mandana Blvd., Oakland. \$4,500
- DWELLING**  
(301) 2474 99th AVE., OAKLAND. One-story 5-room dwelling. Owner—W. S. Weaver, 1820 89th Ave. Oakland. Contractor—C. E. Scott, 720 Nason St., Alameda. Architect—Not Given. \$3,300 Also 1-story garage, \$200.
- DWELLING**  
(302) 2300 ASHBY AVE., BERKELEY. One-story 5-room frame dwelling and garage. Owner—P. J. Rarey, 2707 Walker. Contractor—S. Kimball, 2456 Hilgard. Architect—Not Given. \$4,000
- ADDITIONS**  
(303) 456 HOYNTON, BERKELEY. Additions. Owner—G. Vanderend, 452 Boynton. Contractor—H. Green, 802 Cerrito St. Architect—Not Given. \$2,000
- ALTERATIONS**  
(304) 657 SPRUCE ST., BERKELEY. Alterations. Owner—W. Woolsey, 671 Spruce. Contractor—M. S. Bonds, 733 Keeler. Architect—Not Given. \$1,000
- DWELLING**  
(305) 2222 88th AVE., OAKLAND. One-story 5-room dwelling. Owner—Floyd Baker, 1622 88th Ave. Contractor—E. F. Hoffman, 8144 Foothill Blvd. Architect—Not Given. \$3,200 Also One-story garage, \$200.
- PRINTING SHOP**  
(306) 579-85 1st St., OAKLAND. One-story brick print shop. Owner—Baldwin Inv. Co., San Francisco. Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. Architect—W. E. Milwan, 1503 Oakland Ave., Piedmont. \$13,500
- DWELLING**  
(307) 4452 DAVENPORT AVENUE, OAKLAND. One-story five-room dwelling. Owner and Builder—S. J. Dowling, 2800 Clay St., Alameda. Architect—Not Given. \$4,500
- WAREHOUSE**  
(308) WHARF and Maritime Sts., OAKLAND. One-story warehouse. Owner and Builder—Yacht Sales and Service Co., premises. Architect—Not Given. \$1,600
- ALTERATIONS**  
(309) 2461 SHATTUCK AVENUE, BERKELEY. Alterations. Owner—Cal. State Employment Service, Frem. Contractor—E. T. Leiter & Sons, 811 37th St., Oakland. Architect—Not Given. \$2340
- ALTERATIONS**  
(310) 2632 ETNA, BERKELEY. Alterations. Owner—M. C. Evans, Frem. Contractor—F. A. Stead, 3206 Boies. Architect—Not Given. \$3000
- RE-ERECTION**  
(311) 787 85TH AVE., OAKLAND. Re-erect building. Owner & Builder—American Concrete & Steel Pipe Co., Frem. Architect—Not Given. \$1200
- DWELLING**  
(312) 1742 GOULDIN ROAD, OAKLAND. One-story 4-room dwelling. Owner—R. W. Bartman, 5845 Madison Ave. Contractor—H. K. Jensen, 2757 Rawson St. Architect—Not Given. \$3200
- ALTERATIONS**  
(313) 530 18TH ST., OAKLAND. Alterations. Owner—Cal. State Employment Service, Frem. Contractor—E. T. Leiter Sons, 811 37th St. Architect—Not Given. \$3000
- DWELLINGS (5)**  
(314) 10326-32-38-44-10400 FOOTHILL BLVD., OAKLAND. One-story 5-room dwellings (5). Owner & Builder—H. C. Cameron, 358 17th St. Architect—Not Given. \$3000 each
- DWELLING**  
(315) 6244 VIRGO ROAD, OAKLAND. One-story 4-room dwelling. Owner—Phil Heraty, 488 Fairbanks Ave. Contractor—H. K. Jensen, 2757 Rawson St. Architect—Not Given. \$2300



**ALTERATIONS**  
 (316) 1223 WASHINGTON STREET,  
 OAKLAND. Alterations.  
 Owner—J. H. Lesser, Prem.  
 Contractor—S. Kulcher Co., 731 E.  
 10th St.  
 Architect—Not Given. \$1000

**DWELLING**  
 (317) 1157-1163 85TH AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—Frank Pendala, Prem.  
 Contractor—Nick Wierk, 302 13th  
 St.  
 Also 1-story garage, \$150.  
 Architect—Not Given. \$2750

**DWELLING**  
 (318) 3572 66TH AVE., OAKLAND.  
 One-story 5-room dwelling.  
 Owner—Josephine K. Pond, 1056 Ard-  
 more Ave.  
 Contractor—C. P. Pond, 1056 Ard-  
 more Ave.  
 Architect—F. H. Slocombe. \$3500

**BUILDING CONTRACTS**  
 SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
210	Jensen	Jensen	1930
209	Union Oil	Early	5653

**SERVICE STATION**  
 (209) ALEMANY BLVD. & OCEAN  
 AVE. Service station.  
 Owner—Union Oil Co. of Calif.  
 Contractor—Fred J. Early, Jr.  
 Filed Nov. 12, '37. Dated Oct. 19, '37.  
 Completion—75%.  
 35 days—25%.

TOTAL COST, \$5,658  
 Plans and specifications filed.

**ALTERATIONS**  
 (210) 2540 GREEN ST. Alter ga-  
 rage.  
 Owner—C. V. Jensen.  
 Contractor—G. P. W. Jensen & Sons.  
 Filed Nov. 17, '37. Dated Nov. 8, '37.  
 % when ready for plaster;  
 % when completed;  
 % usual 35 days.

TOTAL COST, \$1,930.00  
 Bond, \$1930. Surety, Columbia Cas-  
 nalty Co.

**BUILDING CONTRACTS**  
 ALAMEDA COJNTY

No.	Owner	Contractor	Amt.
138	Skaggs	Heathorn	3274
139	Baldwin	Beckett	13472
140	Jacobs	Broderick	6951

**TILE ROOFING**  
 (138) 241-257 WAYNE AVE., Oak-  
 land. Terra cotta tile roofing for  
 apartment building.  
 Owner—M. B. Skaggs.  
 Architect—Not Given.  
 Contractor—N. V. Heathorn.  
 Filed Nov. 10, '37. Dated, Nov. 1, '37.  
 When work 90% complete \$2000.00  
 Upon completion 450.00  
 Usual 35 days 824.00  
 TOTAL COST, \$3,274.00  
 Bond, \$3274. Sureties, Fidelity and  
 Casualty Co. Limit, 20 days. Plans  
 and specifications filed.

**BRICK BLDG.**  
 (139) POR LOTS 20-22, JONES TR.,  
 OAKLAND, 21ST AND TELE-  
 GRAPH AVE., OAKLAND. 1-  
 story brick building.  
 Owner—Baldwin Inv. Co., San Fran-  
 cisco.  
 Architect—Wm. E. Milwain.  
 Contractor—A. T. Beckett.  
 Filed Nov. 12, '37. Dated Nov. 10, '37.  
 Foundations and plumbing in \$2526  
 Brickwork in place to roof..... 2526  
 Brickwork finished, etc..... 2526

Completion ..... 2526  
 Usual 35 days ..... 3368  
 TOTAL COST, \$13,472.00  
 Bond, \$13,472. Surety, N. Y. Cas.  
 Co. Limit, 55 days. Plans and spec-  
 ifications filed.

**DWELLING**  
 (140) LOT 59 BLK 5, North Crag-  
 mont, Berkeley. Five-room frame  
 dwelling and garage.  
 Owner—Harry M. and Marie A. Ja-  
 cobson.  
 Architect—Not Given.  
 Contractor—W. L. Broderick.  
 Filed, Nov. 15, '37. Dated, Nov. 12, '37  
 1st floor joists in place \$1390.92  
 Roof on, etc. .... 1290.92  
 Plastered ..... 1390.92  
 Completed ..... 1390.92  
 Usual 35 days ..... 1390.92  
 TOTAL COST, \$6954.60  
 Limit, 90 days.

**SAN FRANCISCO CO. PERMITS**  
 UNDER \$1000

ALTER dwelling, \$400; 117th  
 Ave.; owner, A. Tension, Prem.;  
 contractor, Aetna Const. Co., 1730  
 24th Ave.

ALTER dwelling, \$150; 726 Franklin  
 St.; owner, H. E. Stratton, Prem.  
 SIGN, electric, \$200; 107 O'Farrell  
 St.; owner, M. Jacobs, Prem.;  
 contractor, Western Neon Lite,  
 75 Fremont St.

ALTER store, \$150; 163 Market St.;  
 owner, Bay Loan Co., Prem.;  
 contractor, Unit Constr. Co., 557  
 Market St.

SIGN, electric, \$200; 761 Broadway;  
 owner, Tijuana Cafe, Premises;  
 contractor, Western Neon Lite  
 Co., 75 Fremont St.

ALTER dwelling, \$200; 556 Fourth  
 Ave.; owner, C. Udow, Prem.  
 ALTER dwelling, \$95; 818 41st Ave.;  
 owner, Chas. J. Bowman, Prem.

ALTER warehouse, \$500; 37 Haw-  
 thorne St.; owner, W. R. Ballin-  
 ger & Son, 50 Hawthorne St.;  
 contractor, Fred M. Sauer, 2622  
 22nd Ave.

ALTER dwelling, \$500; 48 Nev. St.;  
 owner, E. Rosenbaum, premises;  
 contractor, Pearson and Johnson,  
 203 Bryant St.

ALTER boarding house, \$100; 1052-  
 1054 Ellis St.; owner, D. McRae,  
 1056 Ellis St.

SIGN, electric, \$100; 2848 California  
 St.; owner, Union Oil Co. prem-  
 ises, contractor Elec. Prod. Corp.,  
 910 Harrison St.

SIGN, electric \$100; 1200 Golden Gate  
 Ave.; owner, Union Oil Co., 1200  
 Golden Gate Ave.; contractor, El.  
 Prod. Corp., 910 Harrison St.

FLUE, \$25; 134 Turk St.; owner, G.  
 Conrad, premises, contractor,  
 A. Robinson Mfg. Co., 953 Mission.

ALTER apt., \$150; 180 Jackson St.;  
 owner, Langender, Prem.

SIGN, electric, \$175; 891 Mission St.;  
 owner, Lido Hotel, prem. 84, con-  
 tractor, Newby Elec. Sign Co.,  
 66 Washburn St.

SIGN, electric, \$70; 2424 Mariposa;  
 owner, Vercy Club, premises, con-  
 tractor, Apex Elec. Co., 363 Fell

ALTER flats, \$200; 750 17th Street,  
 owner, W. T. W. prem. 100, con-  
 tractor, J. J. S. Co., 69 74th Way,  
 San Francisco.

ALTER electric, \$200; 145 Judah St.;  
 owner, Red Mill, premises; con-  
 tractor, Apex Elec. Co., 363 Fell

SIGN, electric, \$200; 2599 Lombard  
 St.; owner, Union Oil Co. prem-  
 ises, contractor, Elec. Prod. Corp.,  
 910 Harrison St.

SIGN, electric, \$50; Lincoln Way &  
 La Playa; owner, Union Oil Co.,  
 premises, contractor, Elec. Prod. Corp.,  
 910 Harrison St.

ALTER shop, \$200; 837 Folsom St.;  
 owner, Cyclops Iron Works, 837

Folsom St.; contractor, Michael  
 & Bommer, 762 De Haro St.  
 FLUES, \$100; 1216 Silver Avenue;  
 owner, John Kubban, 1230 Silver  
 Ave.; contractor, W. Buriani, 2555  
 San Bruno Ave.

FLUE, \$40; 102 South Park; owner,  
 Bo Chow Hotel, premises; con-  
 tractor, Grant Sheet Metal Works  
 791 McAllister St.

SIGN, electric, \$150; 479 Stevenson  
 St.; owner, Ford's Auto Park, 479  
 Stevenson St.; contractor, Apex  
 Elec. Co., 363 Fell St.

SIGN, electric, \$50; 101 Larkin St.;  
 owner, Larkin St. Candy Store,  
 premises; contractor, State Mfg.  
 Co., 55 Ransac St.

SIGN, electric, \$200; 6150 Geary Blvd.,  
 owner, Bayview Hardware Co.,  
 premises; contractor, A. J. Ray-  
 mond, Inc., 712 Sansome St.

ALTER warehouse, \$70; SE Zoe and  
 Bryant Sts.; owner, Shreve and  
 Co., Post and Grant Ave.; con-  
 tractor, Herrick Iron Works, 1734  
 Campbell St., Oakland; engineer,  
 H. D. Ophant, Oakland.

ALTER hotel, \$500; 2237 Mason St.;  
 owner, San Remo Hotel, prem.

ALTER store and dwelling, \$300; 3290  
 Mission St.; owner, E. Daley, 5290  
 Mission St.; contractor, Francis  
 H. Koppeler, 128 Moltke St.

ALTER flats and store, \$998; 3409-  
 3411 Geary Blvd.; owner, F. E.  
 Palmer, 561 Market St.; con-  
 tractor, H. L. Petersen Const. Co., 731  
 Treat Ave.

ALTER dwelling, \$500; 522 35th Ave.;  
 owner, E. M. Nohle, premises.

ALTER dwelling, \$125; 727 Parnas-  
 sus Ave.; owner, Paul Strickfeld,  
 727 Parnassus Ave.

SIGN, electric, \$100; 2699 Geary Blvd.,  
 owner, Union Oil Co. premises;  
 contractor, Elec. Prod. Corp., 910  
 Harrison St.

FLUES, \$362; SW Clifford Ter. and  
 Roosevelt Way; owner, F. Die-  
 dendorf, 112 Arguello Blvd.; con-  
 tractor, Kezar Sheet Metal Wks.,  
 515 Frederick St.

SIGN, electric, \$100; 2000 Clement St.  
 owner, Union Oil Co. premises;  
 contractor, Elec. Prod. Corp., 910  
 Harrison St.

ALTER shop, \$250; NE Carroll 250  
 NW Newhall; owner, Pacific Can  
 Co., Williams Ave. and Newhall.

ALTER restaurant, \$100; 460 Castro  
 St.; owner, T. Johnson, premises.

ALTER garage, \$250; 2855 Mission;  
 owner, E. L. Kenney, premises;  
 contractor, Standard Const. Com-  
 Co., 3025 Geary Blvd.

FLUE, \$30; 124 Majestic; owner, Mr.  
 Hayes, 124 Majestic; contractor,  
 Cortland Sheet Metal Co., 1111  
 Valencia St.

ALTER dwelling, \$355; 463 Faxon  
 Ave.; owner, A. G. Stuch, prem.;  
 contractor, Robt. E. Westwater,  
 125 Vernon St.

ALTER dwelling, \$50; 3228 Jennings  
 Street; owner, San Tjogas, 112-  
 Jamestown Ave.

SIGN, electric, \$100; 1272 Golden Gate  
 Ave.; owner, Cohen Clothing Co.,  
 premises, contractor, Neon Sign  
 Service Co., 1707 Folsom St.

BILLBOARD, \$7; N. Harrison 300 W.  
 Rich, owner and contractor, For-  
 tner & Rietz Co., 1675 Eddy St.

SIGN, electric, \$150; 703 Columbus,  
 owner, Oswald & Servad, prem.,  
 contractor, Standard Neon Mfg.  
 Co., 1189 Turk St.

ALTER restaurant, \$100; 4361 Mis-  
 sion St.; owner, Eda Cabrut,  
 1772 Mission St.

SIGN, electric, \$50; 1272 Golden Gate  
 Ave.; owner, Cohen Clothing Co.,  
 premises, contractor, Neon Sign  
 Service Co., 1707 Folsom St.

ALTER dwelling, \$800; 218 29th Ave.  
 owner, Cecil Appel, prem.; con-  
 tractor, Honn, 2846, 3933 Har-  
 B. Road, Oakland; architect, J.  
 H. Ahlsten, 822 29th Ave.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bonds                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Banks, Stores and Theatres              |
| 7.—Federal Buildings            | 17.—Misc. Const.                            |
| 8.—Club Buildings               | 18.—Wharves & Docks                         |
| 9.—Hospitals                    | 19.—Misc. Supplies & Hotels                 |
| 10.—Hotels                      |                                             |

### 1—APARTMENTS

**Contract Awarded**  
**APARTMENTS** Cost, \$20,000  
**SAN MATEO**, San Mateo Co., Calif.  
 Lot 3 Block 11, San Mateo Drive.  
 New apartment building.  
 Owner—J. E. Clark, contractor.  
 Architect—Angus McSweeney, 604 Mission St., San Francisco  
 Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

**Contract Awarded**  
**ALTERATIONS, ETC.** Cost, \$7,500  
**OAKLAND**, Alameda Co., Calif. 1947  
 East 58th Street.

Alterations and additions to apartments.

Owner—Cornelius Murphy, 2238 21st Ave., Oakland  
 Architect—John D. Wagenet, Financial Center Bldg., Oakland.

Contractor—Jos. Coward, 1944 East 27th St., Oakland. 1

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—Winter Construction Co. 2404 W. 7th St. awarded contract for a 2-story frame and stucco 24-unit apartment building to be built at 3762-68 S. Flower St. for the Zobelein Co. W. L. Schmolte, architect, 2030 Wilshire Blvd., Los Angeles. 1

### 3—CHURCHES

**Bids Rejected**  
**CHURCH** Est. Cost, \$30,000  
**OAKLAND**, Alameda Co., Cal. Hudson and Manila Streets.

New church building to seat 250 persons (oak pew organ, Sunday school classrooms).

Owner—Golden Gate Rockridge United Brethren in Christ.  
 Architect—H. H. Weeks, 593 Market St., San Francisco.

All bids received Nov 15 were rejected. New bids will probably be asked later.

**PLANS BEING FIGURED**  
**LOS ANGELES**, Cal.—Henry Carlton Newton, A.I.A., 502 Architects' Bldg., is taking bids from a selected list of contractors for a reinf. conc. class A church building (56 x 70 ft.) to be built at Manchester and Vermont Aves for St. Michael's Church; Reverend Mngsr. Michael O'Gorman, pastor. Est. cost, \$150,000 3

### 4—FACTORIES & WAREHOUSES

**To Be Done By Day's Work**  
**WAREHOUSE** Cost, \$8,500  
**OAKLAND**, Alameda Co., Calif. 3526 3534 Adeline St.

One-story warehouse.  
 Owner and Builder—New Century Beverage Co., 3521 Chestnut St., Oakland  
 Architect—Not Given.

**TO SUPERVISE CONSTRUCTION**  
**RIVERSIDE**, Calif.—Herbert A. Hamm, structural engineer, 579 N. Holliston Ave., Pasadena, prepared plans and will supervise construction of one and part two-story machinery manufacturing building, 240 x 260 ft., at 12th St. and Pachappa Ave., Riverside, for Citrus Machinery Co. Jesse Beeson, at site, supt. of construction.

**CONTRACT AWARDED**  
**RIVERSIDE**, Riverside Co., Cal.—L. J. Favstad, 11533 Dilling St. North Hollywood, awarded contract for construction of a 2-story and part 4-story Class A food factory (150x80-ft.) at La Sierra, Riverside county, for the Southern California Conference of Seventh Day Adventists. Clinton Nourse, architect, 1406 Bond St., Los Angeles.

**Work Abandoned**  
**WAREHOUSE** Cost, \$8,000  
**SAN FRANCISCO**, NE 7th St., 75 ft SE Brannan St.  
 One-story steel and concrete drayage house.

Owner & Builder—O. R. and F. W. Schrader, 1274 Harrison St.

Engineer—John Cole, 280 13th St.  
 Above work has been abandoned, due to changes in ordinance affecting type of building.

**PLANS BEING FIGURED**  
**SOUTH GATE**, Los Angeles Co., Calif.—Until Nov. 29, 11 a. m., bids will be received by Hugh M. Clarke, vice-president of Armstrong Cork Co., Lancaster, Pa., for Unit No. 1 of a new manufacturing plant to be built by the company on a 28-acre tract of land, located on the north side of the Southern Pacific railway, east of the intersection of Patata St. and Wilcox Ave., just outside the South Gate city limits. Unit No. 1 will consist of a 1-story brick office building, 35 x 80 ft. in area; a steel frame and corrugated iron manufacturing building, 85 x 240 ft. in area; a reinforced concrete power house; railway spurs and connections; roadways; pipe lines, and a fence around the entire site. Cost of Unit No. 1 including equipment, will total about \$300,000. This portion of the plant is scheduled to start operations not later than June 1, 1938. Henry Boettcher, architect for this company, designed the plant. His representative on the job will be C. C. Simeral. Plans and specifications on file at Armstrong Cork Co.'s Los Angeles sales office, 719 Bendix Bldg., 1206 Maple Ave. Following have been invited to submit bids: F. J. Walker Co., 3900 Whiteside Avenue; J. V. McNeil Co., 5860 Avalon Blvd.; Lindgren & Swerton, 605 W. Olympic Blvd.; Ford J. Twiss Constr. Co., 816 W. 5th St.; Wm. Simpson Constr. Co., 816 W. 5th St.; Robt. E. McKee, 108 W. 6th St.; Austin Co., 777 East Washington Blvd.; Myers Bros., 3407 San Fernando Road.

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—J. V. McNeil Co., 5860 Avalon Blvd., will build a reinf. conc. warehouse (103 x 296 ft.) on Third St., extending from Anderson to Mission St., for the Union Pa-

cific Railroad Co. H. L. Gogerty, architect, 6272 Yucca St. Cost, \$53,000. 4

### 6—GARAGES & SERVICE STATIONS

**Planned**  
**SERVICE STATION** Cost, \$4,500  
**SAN FRANCISCO**, SE 19th Avenue and Judah Street.  
 Steel gasoline service station.  
 Owner—Union Oil Co. of California, Mill Tower.  
 Plans by Engineering Dept. of Owner

### 7—FEDERAL BUILDINGS

**Consulting Architect Selected**  
**FEDERAL EXHIBIT BLDG.** Cost, \$500,000

**YERBA BUENA SHOALS**. Site of the 1939 World's Fair.

Federal Exhibit building to house the Government exhibits.

Plans by U. S. Government, Procurement Division, Public Buildings Branch, Washington, D. C.

Consulting Architect—Timothy L. Pflueger, 580 Market Street, San Francisco.

### BIDS WANTED

**OAHU**, T. H.—Until Dec. 1, 11 A. M. (date postponed from Nov. 17), bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8531, for the construction of an electric generating plant, including gasoline engine driven generator sets, switchboard, gasoline and water tanks and shelter for equipment at the Alea Naval Reservation, Oahu, T. H. Estimated cost, \$84,000.

Plans and specifications may be obtained at the above office or from the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor, T. H.; or the Commandant, 12th Naval Dist., Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.

### LOW BIDDERS

**SAN FRANCISCO**—Nick Hemminga, 628 38th Ave., at \$2,500 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of new metal and glass partition and new vault on the first floor of the Federal Office Bldg. at San Francisco.

Three low bids follow:

Nick Hemminga .....\$2,500.00  
 Frank J. Reilly .....2,731.00  
 Herring-Hall Marvin Safe Co. 3,089.00  
 All of San Francisco.

**Bids Wanted—To Close Dec. 23.**  
**REMODELING** Est. Cost, \$150,000  
**PHOENIX**, Arizona.  
 Remodel court house.

Owner—United States Government.  
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division.

### BIDS REJECTED

**TRACY**, San Joaquin Co., Calif.—The Procurement Division, Washington, D. C., rejected all bids received for insect screens in the U. S. Post Office at Tracy.

Chamberlin Metal Weather Strip Co., Inc., Detroit, Mich., at \$533, submitted low bid.

**Contract Awarded**  
**POST OFFICE** Cont. Pr., \$122,350  
**LAKEVIEW, Lake Co., Oregon.**  
 United States Post Office.  
 Owner—United States Government.  
 Plans by the Supervising Architect,  
 Treasury Department, Wash-  
 ington, D. C.  
 Contractor—James I. Barnes Constr.  
 Co., Springfield, Mo.  
 Complete bids published Sept. 27.

**BIDS WANTED**  
**SAN FRANCISCO**—Public Works  
 Officer, 12th Naval District, Room  
 353, Federal Office Building, is au-  
 taking bids for installation of a steel-  
 lined vault on the third floor of the  
 new Federal Office Building, for the  
 Navy Department. Estimated cost,  
 \$3,500. No definite opening date yet  
 set.

**BIDS WANTED**  
**PHOENIX, Ariz.**—Until Dec. 23, 1  
 p.m., bids will be received by the  
 Procurement Division, Public Bldgs.  
 Branch, Washington, D. C., for re-  
 modeling (including elevator) for the  
 U. S. Court House, etc., at Phoenix.  
 Drawings and specifications may  
 be obtained from the above office.  
 No deposit for one set of plans.

**Proposed**  
**MODERNIZE PRISON** Cont. \$.....  
**ALCATRAZ ISLAND, Cal.**  
 Modernization of Alcatraz Federal  
 Prison.  
 Owner—U. S. Government.  
 Plans by the Treasury Department,  
 Procurement Division, Public  
 Buildings Branch, Washington,  
 D. C.  
 Construction Engineer—Mr. Langner.  
 Assistant Construction Engineer—B.  
 S. Hirschfeld.

**BIDS WANTED**  
**SAN DIEGO, Cal.**—Until Nov. 26,  
 11 a.m., bids will be received by the  
 Public Works Officer, Eleventh Na-  
 val District, San Diego, for terrazzo  
 floors in Dental Laboratory Building  
 at the Naval Operating Base (Des-  
 troyer Base), San Diego.  
 Work consists of installation of  
 approximately 630 square feet of ter-  
 razzo floor and 165 linear feet of ter-  
 razzo base.

Bidding data obtainable from the  
 Public Works Officer, Headquarters,  
 Eleventh Naval District, 100 Broad-  
 way, San Diego, upon deposit  
 of \$10 check or money order, pay-  
 able to the Chief of the Bureau of  
 Yards and Docks.

**BIDS WANTED**  
**ALAMEDA, Alameda Co., Calif.**—  
 Until Nov. 30, 10:30 A. M., bids will  
 be received by the Procurement Di-  
 vision, Section of Space Control,  
 Treasury Dept., Washington, D. C.,  
 for the purchase of the Airway Ra-  
 dio Station located on McCartney's  
 Point, Alameda.  
 Bid must be accompanied by a  
 certified check for 5% of bid pay-  
 able to the Treasurer of the United  
 States.

**LOW BIDDERS**  
**SAN DIEGO, Cal.**—Eastern Venetian  
 Blind Co., Baltimore, Md., at  
 \$1,625, submitted low bid to the  
 Procurement Division, Public Build-  
 ings Branch, Washington, D. C., for  
 Venetian blinds at the U. S. Post Of-  
 fice at San Diego.  
 Second low bid submitted by Bost-  
 wick Goodell Company, Norwalk, O.,  
 at \$1,681.

**BIDS WANTED**  
**SAN DIEGO, Cal.**—Until Nov. 26,  
 11 a.m., bids will be received by the  
 Public Works Officer, Eleventh Na-  
 val District, San Diego, for terrazzo

floor and base in Mess Hall, Marine  
 Barracks, at the Naval Operating  
 Base (Fuel Depot), San Diego.  
 Work consists of installation of  
 approximately 930 square feet of ter-  
 razzo floor and 110 linear feet of  
 terrazzo base.  
 Bidding data obtainable from the  
 Public Works Officer, Headquarters,  
 Eleventh Naval District, foot of  
 Broadway, San Diego, upon deposit  
 of \$10 check or money order payable  
 to the Chief of the Bureau of Yards  
 & Docks.

**COMPLETE BIDS**  
**SAN FRANCISCO**—As previously  
 reported, Nick Hemminga, 628 38th  
 Ave., at \$2,500 submitted low bid to  
 the Procurement Division, Public  
 Buildings Branch, Washington, D.  
 C., for construction of new metal and  
 glass partition and new vault on the  
 first floor of the Federal Office  
 Building at San Francisco.  
 Complete bids follow:  
 Nick Hemminga.....\$2,500.00  
 Frank J. Reilly.....2,731.00  
 Herring-Hall Marvin S.....3,089.00  
 Bell-Stafford Constr. Co.,  
 Groesbeck, Texas.....3,540.00  
 All of San Francisco, unless oth-  
 erwise noted.

**BIDS WANTED**  
**BREMERTON, Wash.**—Until Dec.  
 10, 10 a.m., bids will be received by  
 the Procurement Division, Public  
 Buildings Branch, Washington, D. C.,  
 for concrete retaining wall for the  
 U. S. Post Office at Bremerton.  
 Drawings and specifications may  
 be obtained from the above office  
 and from the Custodian of the Bldg.  
 at Bremerton.

**BIDS WANTED**  
**HUNTINGTON PARK, Los Angeles**  
**Cal.**—Until Dec. 7, 10 A. M.,  
 bids will be received by the Pro-  
 curement Division, Public Buildings  
 Branch, Washington, D. C., for hand-  
 rails at the U. S. P. O. at Hunting-  
 ington Park.  
 Drawings and specifications may be  
 obtained at the above office and from  
 the Custodian of the Bldg. at Hunt-  
 ington Park.

**BIDS OPENED**  
**ALAMEDA, Calif.**—San Francisco  
 Bridge Co., 502 Market St., at \$5,955,  
 submitted low bid to the Public  
 Works Officer, 12th Naval District,  
 Room 353, Federal Office Building,  
 San Francisco, under Spec. 8409, for  
 core borings for the Naval Air Sta-  
 tion at Alameda.  
 Work consists of making of 63  
 complete deep borings to a depth of  
 four to five (45) feet below Mean Low-  
 er Low Water; and 26 shallow bor-  
 ings.  
 Complete bids follow:  
 S. F. Bridge Co. .... \$5,955  
 Cannon Bros., Compton..... 6,285  
 S. J. & H. Hewood..... 8,800  
 Healy Tibbitts Constr. Co.,  
 San Francisco..... 9,720  
 Duncanson-Harrelson Co.,  
 San Francisco..... 10,500

**BIDS WANTED**  
**LIVERMORE, Alameda Co., Cal.**—  
 As previously reported, until Nov. 30,  
 1:30 p.m., bids will be received by  
 the Veterans' Administration, Arling-  
 ington Bldg., Washington, D. C., for con-  
 struction of an addition to Infirmary  
 Bldg. No. 2, at Livermore, con-  
 taining approximately 133,000 cubic  
 feet. Est. cost, \$105,000. Work will  
 include excavating, reinforced con-  
 crete, hollow building tile, slate stair  
 treads, marble work, floor and wall  
 tile, compressed asphalt tile, inole-  
 um, waterproofing, metal work, steel  
 stairs, steel shelving, tile and built-  
 up roofing, metal studs, metal lath-

ing, plastering, carpentry, insulation,  
 insect screens, window shades, paint-  
 ing, glazing, hardware, plumbing,  
 heating, electrical work, electric ele-  
 vator, outside service connections,  
 etc.  
 Separate bids will be received for  
 (1) General Construction, including  
 Plumbing, Heating and Electrical  
 Work; and (2) Electric Elevator.  
 Plans and specifications may be  
 obtained from the Construction Ser-  
 vice, Room 764, Arlington Bldg., Wash-  
 ington, D. C., or from the Supervising  
 Superintendent of Construction,  
 Veterans' Administration Facility, Y.  
 Palo Alto, Cal. No deposit required.

**CONTRACT AWARDED**  
**MAYWOOD, Los Angeles Co., Cal.**  
 —Washington Ornamental Co., rear  
 1313 13th St. N. W., Washington, D.  
 C., at \$67 awarded contract by the  
 Procurement Division, Washington,  
 D. C., for plaster models at the U.  
 S. P. O., Maywood..... 7

**Bids Wanted—To Close December 15,**  
**1:30 P. M.**  
**AIR CORPS BARRACKS, ETC.**  
 Cost, \$770,000

**HICKAM FIELD, T. H.**  
 Construct and complete four 132-man  
 Air Corps Barracks, one 200-man  
 Air Corps Barracks (Est. cost  
 \$660,000) and one Quartermaster  
 Warehouse (Est. cost \$110,000) to-  
 gether with all utilities thereto.  
 Owner—U. S. Government (Capt. H.  
 B. Nurse, Constructing Quarter-  
 master).  
 Plans prepared by the Office of the  
 Quartermaster General, Construct-  
 ing Division, Washington, D. C.

Bids will be received by the Con-  
 structing Quartermaster, Fort Mason,  
 San Francisco, until 1:30 P. M., P.S.T.  
 December 15, or by the Purchasing &  
 Contracting Officer, Hickam Field,  
 T. H., until 11 A. M., H.S.T., Dec. 15  
 Plans and specifications obtain-  
 able from the Office of the Con-  
 structing Quartermaster, Ft. Mason,  
 San Francisco, upon deposit of cer-  
 tified check for \$10, payable to the  
 Finance Officer, Fort Mason; or from  
 the Purchasing and Contracting Of-  
 ficer, Hickam Field, upon deposit of  
 certified check for \$20, payable to the  
 Finance Officer, Fort Shafter, T. H.

**BIDS OPENED**  
**VACAVILLE, Solano Co., Calif.**—  
 Lombard & Ludwig, Washington, D.  
 C., at \$40 submitted low bid to Pro-  
 curement Division, Public Buildings  
 Branch, Washington, D. C., for plas-  
 ter models at the U. S. P. O. in Vaca-  
 ville.  
 Only other bid submitted by Wash-  
 ington Ornamental Co. at \$55. 7

**MATERIALS APPROVED**  
**LOS ANGELES, Cal.**—Treasury  
 Department has approved the follow-  
 ing building material and equipment  
 awards for the construction of the  
 U. S. Post Office and Court House at  
 Los Angeles, Geo. A. Fuller Co., gen-  
 eral contractor:  
 Wool felt pipe covering, Plant Rub-  
 ber & Asbestos Works. 7

**MATERIALS APPROVED**  
**SALINAS, Monterey Co., Calif.**—  
 Treasury Department has approved  
 the following building material and  
 equipment awards for the construction  
 of the sprinkler system at the  
 U. S. P. O. at Salinas, Scott Co., con-  
 tractor:  
 Globe valves for drains, Wolverine  
 Brass Works. 7

**Allotment Authorized**  
**ALTERATIONS** Cost, \$220,000  
**SAN FRANCISCO, DuBois Avenue,**  
 near Market St.  
 Construction of additional vault

storage for the U. S. Mint.  
Owner—U. S. Government.  
Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.  
Secretary of the Treasury and the Postmaster General authorized the above allotment.

## 8— CLUB BUILDINGS

Bids Wanted — To Close Nov. 27, 2 P. M.  
MASONIC TEMPLE Est. Cost, \$80,000  
LODI, San Joaquin Co., Calif. East Pine St.  
Two-story Class C Masonic Temple to contain lodge rooms and offices.  
Owner—Lodi Masonic Lodge.  
Architect—Frank V. Mayo, 921 North Eldorado St., Stockton.  
Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Separate bids will be received for (1) general work; (2) electric, heating and plumbing.

Plans and specifications are on file for examination at the office of the engineer and may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the architect's office.

Contract Awarded  
ADDITIONS Cont. Pr., \$108,067  
HONOLULU, T. H. Fort Street.  
Additions to the Nuuanu Y. M. C. A. Bldg. (Oriental) reinforced concrete walls & floors, steel frame roof with concrete slab covered with Japanese roofing tile; interior partitions, metal lath, and plaster.

Owner—Nuuanu Y. M. C. A.  
Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.

Contractor—G. J. Oda Contr. Co., Ltd. Honolulu.

## 9— HOSPITALS

Contract Awarded  
ADDITIONS Cont. Pr., \$158,800  
THE DALLES, Oregon.  
Addition to Eastern Oregon State Tuberculosis Hosp. (The Dalles) on one-story frame pavilion; concrete boiler house; two-story frame nurses' home; frame physicians' home. PWA Dock et 124.

Owner—State of Oregon.  
Architect—Jones & Marsh, 701 Woodlark Bldg., Portland.  
Contractor—Malarkey and Kallander, McKay Bldg., Portland.

Owner Now Taking Bids  
COCKTAIL ROOM, ETC. Cost, \$10,000  
LOS BANOS, Merced Co., Cal.  
Reinforced concrete addition to Hotel Oberon (cocktail room, etc.).  
Owner—Frank Pedrone, Los Banos.  
Architect—E. J. Kump, Rowell Bldg., Fresno.

### BIDS REJECTED

YREKA, Siskiyou Co., Calif.—All bids received Nov. 12 for remodeling the north end of the upper story of the Siskiyou County General Hospital were rejected by the County of Siskiyou, Waldo J. Smith, Clerk.

Project will not be before the Board of Supervisors again before next August, 1935.

### BIDS REJECTED

KERN CO., Cal.—Kern County Supervisors rejected all bids received November 1 for proposed incinerators to be built at Kern General Hospital, Bakersfield, and at Stonybrook Retreat.

### BIDS WANTED

ELDRIDGE, Sonoma Co., Calif.—Until Dec. 7, 2 p. m., bids will be received by State Architect, George B. McDougall, Public Works Building, Sacramento, for a water treatment plant at the Sonoma State Home at Eldridge.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS WANTED

YOUNTVILLE, Napa Co., Cal.—Until Dec. 7, 2 p. m., bids will be received by State Architect George B. McDougall, Public Works Building, Sacramento, for furnishing and installing one 400-hp. boiler at the Veterans' Home, Yountville.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS WANTED

NAPA, Calif.—Until Dec. 7, 2 p. m., bids will be received by State Architect George B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 400-hp. boiler at the Napa State Hospital.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS WANTED

AGNEW, Santa Clara Co., Cal.—Until Dec. 7, 2 p. m., bids will be received by State Architect, George B. McDougall, Public Works Building, Sacramento, for an addition to the refrigerator plant at Agnew State Hospital. Bids will be received for (1) building to house refrigerator and (2) refrigerator equipment.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS WANTED

SPADRA, Los Angeles Co., Calif.—Until Dec. 7, 2 p. m., bids will be received by State Architect, George B. McDougall, Public Works Building, Sacramento, for furnishing and installing one 250-hp. boiler at Pacific Colony, Spadra.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS WANTED

ELDRIDGE, Sonoma Co., Calif.—Until Dec. 7, 2 p. m., bids will be received by State Architect, George B. McDougall, Public Works Building, Sacramento, for furnishing and installing one 400-hp. boiler at the Sonoma State Home, at Eldridge.

Plans and specifications may be obtained from the above office upon deposit of \$25.

### BIDS OPENED

SAN FRANCISCO—Love & Haun, 4354 20th St., at \$72, submitted low bid to the Department of Public Works, Room 251, City Hall, for installing new sidewalk and steps at Psychopathic Cancer Building, Potrero Ave. and 22nd St.

Other bids were:  
D. C. McCabe ..... \$85  
De Luca & Son ..... 165  
M. E. Vuklicevich ..... 178

### Construction Underway

HOSPITAL. Cont. Price, \$201,864  
LIHUE, Kauai, T. H.  
Two-story G. N. Wilcox Memorial Hospital (75 beds) stucco on concrete exterior, concrete frame, metal lath and plaster interior partitions, rigid asbestos roof, asphaltic tile floors. Otis elevator, Oregon pine interior.  
Owner—Widge Trust, Lihue.

Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.  
Contractor—Ralph E. Woolley, Honolulu.

## 10— HOTELS

### CONTRACT AWARDED

LOS ANGELES, Calif.—Chas. J. Dorfman, 124 N. La Brea Avenue, awarded an additional contract for remodeling interior of old Alexandria Hotel on SW corner of 97th and Spring Streets for Phil Goldstone. Work will cost approximately \$75,000 and consists of renewal of plumbing system, new waste lines and plumbing fixtures, new steam heating plant and radiation, ventilation system, electric wiring and fixtures, tiling floors and wainscoting to height of 5 feet in 220 bathrooms, demolition and rebuilding of hollow tile partitions, etc. As previously reported, Mr. Dorfman has structural portion of project under way. Contract for painting and decorating will be let by Mr. Goldstone. C. E. Noerenberg, 210 L. A. Railway Bldg., is the architect and engineer.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

### BIDS WANTED

SAN FRANCISCO—Until Dec. 1, 2:30 P. M., bids will be received by Department of Public Works, Room 251 City Hall, for baseball backstop and fencing for Funston Playground on Bay Street between Fillmore and Laguna Sts. Estimated cost, \$3,250.

Specifications may be obtained from City Architect Chas. H. Sawyer, Room 265, City Hall, upon deposit of \$5.00.

### BIDS REJECTED

CALIENTE, Nevada.—The County Commissioners, Lincoln county, Nev., rejected all bids received Nov. 5 for construction of a proposed hospital in Caliente, also rejecting all bids received same date for construction of a county court house in Pioche.

### BIDS OPENED

SAN FRANCISCO—Ocean Shore Iron Works, 559 Eighth Street, at \$73.50, submitted low bid to the Department of Public Works, City Hall, for removing old lines and replacing with new 3/4-in. boiler plate at asphalt plant, Florida St. and Treat Ave.

Other bids were:  
Main Engineering Co. .... \$75  
California Boiler Works ..... 95

### BIDS OPENED

SAN FRANCISCO, Cal.—Robert L. Cramer, 50 Howard St., at \$84, submitted low bid to the Department of Public Works, City Hall, for furnishing and installing 1/2-in. x 12-in. x 12-in. type C Celotex acoustical tile, or equal, on ceiling of Tourists' Bureau Office in Civic Auditorium, approximately 210 feet.

Only other bid submitted by Western Asbestos Co., at \$115.

### BIDS OPENED

SAN FRANCISCO—J. Greenberg's Son, 765 Folsom St., at \$63, submitted low bid to the Department of Public Works, City Hall, for furnishing and installing two bronze signs 2 x 11 inches at Main Library, McAllister and Larkin Sts.

Only other bid submitted by the American Brass & Iron Works, at \$87.55.

### CONTRACT AWARDED

ANTIOCH, Contra Costa Co., Cal.—Aristo Painting Co., 473 Bryant St., San Francisco, at \$1,280, awarded contract by the City of Antioch,

J. E. McElheny, City Clerk, for painting and cleaning the exterior and interior of the City Hall. Other bids submitted by Shulman-Conroy Painting Co., San Francisco, at \$1,398.

**BIDS OPENED**

**SAN FRANCISCO**—Soule Steel Co., 1750 Army St., at \$13,431 submitted only bid to the Department of Public Works, City Hall, for construction of the Bureau of Identification Pent House at the Hall of Justice.

**NO BIDS RECEIVED**

**SAN FRANCISCO**—No bids were received by the Department of Public Works, City Hall, Nov. 10, for removing old liner and replacing with new 3/4-inch boiler plate in No. 1 mixer at asphalt plant, Florida and Treat Avenue.

**CONTRACT AWARDED**

**SAN FRANCISCO**—Hanson Bros., 568 Mission St., at \$3,495, awarded contract by the Department of Public Works, City Hall, for moving the buildings from the South End, Dolphin and Ariel Rowing Clubs at Aquatic Park.  
Complete bids published Nov. 5.

**BIDS OPENED**

**SALINAS**, Monterey Co., Calif.—Standard Electric Time Co. of California, 268 Market St., San Francisco, at \$1,213, submitted low bid to the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of a complete electric clock system for the Monterey County Courthouse, at Salinas.

Other bids were:

International Business Machines Corp., San Francisco, \$1,261.50  
F. A. Thomas Co., San Francisco—\$1,290.50.

**BIDS OPENED**

**SALINAS**, Monterey Co., Calif.—Barrett & Hilt, 918 Harrison St., San Francisco, at \$6,600, submitted low bid to the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of certain cast travertine stone and bronze work for the interior court of the Monterey County Courthouse, Salinas.

Only other bid submitted by Neill Art Bronze Works, Los Angeles, at \$7,440.

**Bid Opening Date Postponed Until Nov. 29, 11 A. M.**

**HILL QUARTERS**—Est. Cost, \$11,500  
**MILPITAS**, Santa Clara Co., Cal.  
One-story building to house the help at the county almshouse; concrete walls, frame interior, tile roof.

Owner—Co. of Santa Clara (Frank W. Hogan, Clerk).

Architect—Edward W. Kress, 402 1st National Bank Bldg., San Jose.

Opening date postponed from November 15th.

**CONTRACT AWARDED**

**LOS ANGELES**, Calif.—Mackey Engineering Co., Los Angeles, was awarded contract by paying \$2, by State Architect, George B. McDougall, Public Works Bldg., Sacramento, for wrecking the buildings on the Los Angeles State Building Site, Court and Broadway, Los Angeles.

**Bids Wanted—To Close December 14, 10:00 A. M.**

**FIREHOUSE**—Est. Cost, \$5,500  
**ASHLAND TWP.**, Alameda Co., Cal., near Hayward.

Frame firehouse.  
Owner—County of Alameda.  
Architect—James W. Plachek, 511

Mercantile Bank Bldg., Berkeley. Plans and specifications may be obtained from the office of the County Clerk in the new courthouse, upon deposit of \$25. Bids will be opened in the Board of Supervisors' room, Alameda County Courthouse.

**BIDS OPENED**

**MODESTO**, Stanislaus Co., Cal.—Jarvis Bros., Rt. 2, Box 309, Modesto at \$1,957 submitted low bid to the City of Modesto, H. E. Gragg, City Clerk, for constructing an addition to the club house at the Municipal Golf Course.

Other bids were: Daniel F. Wolf, Modesto, at \$1,200, and R. T. Bush, Modesto, at \$1,223.

Bids are being held under advisement until November 17. 13

**Bids Opened**

**CITY HALL**  
**WILLIAMS**, Colusa Co., Cal. Corner E and Eighth Streets.  
Two-story reinforced city hall bldg. to contain administrative office and fire department.

Owner—City of Williams.  
Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
Low Bidder—Adam Arras & Son, 4008 18th St., San Francisco—\$34,973.

Complete bids follow:  
Adam Arras & Son, S. E. \$34,973  
Otto Steinbrenner, Sacramento 35,919  
J. C. Meyers, Stockton 36,955  
Peterson Constr Co., Sacto. 38,740  
Bids forwarded PWA, with recommendation that contract be awarded low bidder.

**BIDS WANTED**

**SAN FRANCISCO**—Until Nov. 24, 1-45 P. M., bids will be received by the Department of Public Wks., Rm. 251, City Hall, for new hot water supply piping and branches installed in the northeast and southeast sections of City Hall attic space and shall be insulated with 4-ply Johns-Manville pre-shrink Asbestolite Pipe covering with waterproofed asbestos paper finish, held in place by means of barbed staples. At each joint between sections of pipe, asbestos and around all fittings, etc. shall be installed 1 1/2-in. wide black bands. Fittings to be insulated to full thickness of covering with Johns-Manville No. 6352 Insulating Cement, and canvas jacket.

Specifications may be obtained from Supt. of Bldgs. R. A. Chisholm, 484 11th St.

**14—RESIDENCES**

Sub Contracts Awarded  
RESIDENCE Cost, \$ 1,000

**SAN FRANCISCO**, Near Twin Peaks  
Two-story frame and stucco residence (hardwood floors, tile baths, wood sash, etc.).

Owner—Dr. Rht. Aird, 1195 Willard.  
Architect—W. W. Wurster, 280 California St.

Contractor—H. Hoppenhausen, 595 Victoria Street.

Roofing—Alta Roofing Co., 976 Indiana St.

Plumbing—Higgins & Kraus, 741 Teama St.

Electric Wiring—Galvin Bros., 1578 29th Ave.

Sheet Metal—Celan & Leon Heating & Sheet Metal Co., 1069 Folsom Street.

Iron Work—Ace Iron Works, 5 Decatur St.

Brick & Stone Work—Wm. Heldenbach, 1250 10th Ave.

Lumber—Spruce Valley Lumber Yard, 2401 San Jose Ave.  
Mill Work—J. A. Hart Mill & Lumber Co., Jerrill and Napoleon Sts.

Lathing and Plastering—H. R. Camp-

bell, 110 Ashton St.  
Concrete—P. Donnelly, 302 23rd Ave.  
All of San Francisco.

Contract Awarded  
RESIDENCE Cost, \$9,000

**BURLINGAME**, San Mateo Co., Cal. Lot 11, Blk. 5, Howard St.

Two-story frame residence.  
Owner—T. J. Frowbridge.  
Architect—Not Given.

Contractor—R. A. White, 744 Crossway, Burlingame. 14

Sub Contracts Awarded  
ALTERATIONS & ADDITIONS Cost, \$8,000

**BERKELEY**, Alameda Co., Calif. 5 Roble Court.

Alterations and additions.  
Owner—H. H. Hitchcock, 5 Roble Court.

Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.

Contractor—Walter Sorensen, 2940 Piedmont Ave.

Roofing—Guy Tyler & Sons, 1502 Cedar St., Berkeley.

Plumbing—Charles W. Knights, 1726 Grove St., Berkeley.

Electric Wiring—Rochester Electric Co., 2138 University Ave., Berkeley.

Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.

Sheet Metal—J. C. Owens Sheet Mtl. Works, 1616 Carlton St.

Hardwood Floors—Rex Floor Co., 2463 65th Ave., Oakland.

Lumber—Sunset Lumber Co., foot of Oak St., Oakland.

Mil Work—National Mill & Lumber Co., 400 High St., Oakland.

Hardware—Berkeley Hardware Co., 2154 University St., Berkeley.

Painting—E. E. Jarvis, 1230 Allston St., Berkeley.

Lathing & Plastering—Farrer Bros., 2406 Ransome Ave., Oakland.

Preparing Working Drawings  
RESIDENCE Cost, \$5,500

**LAKEPORT**, Lake Co., Calif.

One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, shingle tile roof, air-conditioning system.

Owner—Clark Road, c/o Architect.  
Architect—John Easterly, Healdsburg and Santa Rosa.

To Be Done By Day's Work  
RESIDENCE Cost, \$5,000

**BURLINGAME**, San Mateo Co., Cal. Burlingame Ave.

One-story frame and stucco residence (5 rooms), wood shake roof, gas hot air heating system, hardwood floors, tile bath, wood sash.

Owner & Builder—Hammer & Tosch Co., 1479 Burlingame Ave., Burlingame.

Architect—D. E. Jaekle, 126 Post St., San Francisco.

Preparing Plans  
REMODELING—Est. Cost, \$2,000

**SAN LEANDRO**, Alameda Co., Calif. Remodel residence (add one room, bath, garage, patio and walk).

Owner—Dr. Irvine, Superior Avenue, San Leandro.  
Architect—Irvin M. Johnson, 2219 7th Ave., Oakland.

Contract Awarded  
RESIDENCES Cost, \$5,500 ea  
PIEDMONT, Alameda Co., Calif. 14, 16 and 18 Cambridge Way.  
Three one-story frame and stucco residences—15 rooms each.  
Owner—G. Arnold and P. Graves, 212 Monte Vista Ave., Oakland.  
Architect—E. L. Snyder, 2101 Addition St., Berkeley.  
Contractor—A. T. Berkett, 221 Scenic Ave., Piedmont.

**Preliminary Plans Completed**  
RESIDENCE Est. Cost, \$8,500  
SAN FRANCISCO, Monterey Hts.  
One and one-half-story frame residence with multi-joint sittings (5 rooms), patented composition shingle roof, fireplaces, hot air heating system, wood sash, hardwood floors, tile bath.  
Owner—Withheld.  
Architect—Albert H. Larsen, 333 Kearny St.  
Working drawings will be started shortly.

**Plans Being Figured — Bids Close**  
November 23, 2 P. M.  
RESIDENCE Cost, \$.....  
SAN FRANCISCO, Calif.  
Two - story frame residence with wood exterior (7 rooms, 2 baths), composition roof, wood sash, linoleum floors with linowal wainscot in baths, hardwood floors.  
Owner—Withheld.  
Architect—George W. Travis, 604 Mission St., San Francisco.  
Plans are being figured by a selected list of contractors.

**Contract Awarded**  
RESIDENCE Cost, \$10,250  
PALO ALTO, Santa Clara Co., Calif.  
171 Mary Avenue.  
Two-story stucco residence and garage.  
Owner—C. M. French, East Palo Alto  
Architect—Farr & Ward, 68 Post St., San Francisco.  
Contractor—E. P. Erwen, 339 Cooley Ave., Palo Alto.

**Contract Awarded**  
RESIDENCE Cost, \$10,000  
BAKERSFIELD, Kern Co., Calif. La Cresta Drive.  
Two - story frame and stucco residence (seven rooms).  
Owner—Harold Nichols, 1731 Chester Ave., Bakersfield.  
Architect—Not Given.  
Contractor—Willard K. Michael, 600 Bernard St., Bakersfield.

**Preparing Preliminary Plans**  
RESIDENCE Est. Cost, \$6,500  
SAN FRANCISCO, Sunset District.  
1½-story frame residence with multi-joint sittings (5 rooms) patented composition shingle roof, fireplaces, hot air heating system, wood sash, hardwood floors, tile bath.  
Owner—Withheld.  
Architect—A. H. Larsen, 333 Kearny.

**To Be Done By Day's Work**  
RESIDENCES Cost, \$5,000 each  
SAN FRANCISCO, S Ulloa St. east of Laguna Honda Blvd.  
Six one-story and basement frame residences.  
Owner and Builder—J. V. Campbell, 849 Laguna Honda Blvd.  
Architect—Conrad T. Kett, 519 California St.

**Contract Awarded**  
RESIDENCE Cost, \$16,000  
SAN FRANCISCO, W Church St. 100 N 14th St.  
Three - story and basement frame residence.  
Owner—E. Stagnaro, 1341 29th Ave.  
Architect—Not Given.  
Contractor—P. Shannon, 5 82 16th Avenue.

**Low Bidder**  
ALTERATIONS Cost, \$ ..  
TIBURON, Marin Co., Calif.  
Alter existing building into residence.  
Owner—Russell D Kell, c/o Architect.  
Architect—Paul A. Ryan, 962 Phelan Bldg., San Francisco.  
Low Bidder—Miller & McMillis, 4444 Geary St., San Francisco.  
Bids held under advisement.

**Completing Working Drawings**  
RESIDENCE Cost, \$.....  
RICHMOND, Contra Costa Co., Cal.  
One-story frame and rustic residence (5 rooms), wood shingle roof, duplex floor furnace, hardwood floors, tile bath, wood sash, etc.  
Owner—Withheld.  
Architect—Alfred C. Williams, 2905 Dwight Way, Berkeley.  
Upon completion of plans, owner will take sub bids.

**Contract Awarded**  
RESIDENCE Cost, \$.....  
OAKLAND, Alameda County, Calif.  
Montclair Highlands.  
One - story frame residence (4 rms.), rustic exterior, shingle roof, gas-fired central heating system, etc.  
Owner—Withheld.  
Architect—Alfred C. Williams, 2905 Dwight Way, Berkeley.  
Contractor—George A. Hastings & Son, 1963 89th Ave., Oakland.

## 15—SCHOOLS

**Preparing Plans**  
HIGH SCHOOL Cost, \$350,000  
MAUI, T. H.  
New high school building on the island of Maui, to be located on land between Wailuku and Kahului.  
Owner—Maui High School District.  
Plans being prepared by the County Engineer.

**Low Bidder**  
SCHOOL  
GRANTS PASS, Oregon.  
One - story frame and brick veneer elementary school building.  
Owner—School District 12 (Lilla Fosbery, Clerk), Grants Pass.  
Architect—William Laing, U. S. Bank Bldg., Medford.  
Low Bidder—Sig Ash, 354 SE Milwaukee, Portland—\$102,400, ded. Alt. (a) \$70,888. 15

**Plans Completed**  
MECHANICS BLDG. Cost, \$.....  
LODI, San Joaquin Co., Calif. Lodi Union High School.  
One - story reinforced concrete agricultural Mechanics Building (50 x 100 ft.), asbestos built-up roof, steel industrial windows.  
Owner—Lodi Union High School District.  
Architect—Peter Sala, 2130 N. Commerce St., Stockton.  
Plans have been forwarded to Sacramento for approval by State Division of Architecture.

**CONTRACT AWARDED**  
SAN FRANCISCO.—M. E. Vukicevich, 606 Mission St., at \$10,491 was awarded contract by the Department of Public Works, City Hall, for the completion of the following rooms at Lawton School on Lawton Street between 30th and 31st Aves: Rooms 3, 5, 6, 7, 8, 9, 101, 102, 103, 126, 127, 128, 201, 202, 203, 221, 222 and 223.  
Complete bids published Nov. 12.

**Preparing Plans**  
SCHOOL Cost, \$200,000  
HONOLULU, T. H.  
New school building.  
Owner—Convent of Sacred Hearts.  
Architect—Claude A. Stiehl, Honolulu

**Construction Underway**  
GARAGE Cont. Price, \$1,052.10  
ARLINGTON, Sacramento Co., Calif.  
One-story frame garage for school buses.  
Owner—Ardn Elementary Sch. Dist.  
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
Contractor—Fred Edinger, Route 5, Box 2111, Sacramento.

**BIDS OPENE**  
SAN FRANCISCO.—Following bids were submitted to the Department of Public Works, City Hall, for installing approximately 750 sq. yds. of floor space in cafeteria, kitchen and store room with mastipave floor covering at Purtoia Junior High School, on Bacon between Berlin and Girard: West Coast Linoleum Co.....\$500.00 plus \$55 to fill cracks with material.  
Higgins Company ..... 560.00  
Malott & Peterson ..... 598.00  
L. S. Case Co..... 627.00

**Contract Awarded**  
RECONSTRUCTION Cont. Pr, \$4,261  
RICHMOND, Contra Costa Co., Cal.  
Reconstruct and complete a 2-story classroom unit at Stege Grammar School.  
Owner—Richmond Union High School District (Walter T. Helms, Supt. of Schools).  
Architect—Not Given.  
Contractor—Elmer J. Freethy, 224 16th St., Richmond.  
Other bids were:  
Carl Overera .....\$4,378  
P. M. Sanford ..... 4,420  
Chris L. Theis..... 4,425  
All of Richmond.

**Bids Rejected**  
SCHOOL BUILDING  
ALAMEDA, Alameda Co., Calif. Bay and Santa Clara Aves. (Mastick School).  
One-story modernistic U-shaped elementary school building (twelve classrooms, gymnasium, and auditorium), stucco exterior, low pressure steam heating system, concrete floors and foundations, fire-resistant roof of the composition type; to be built on the unit plan around a central courtyard.  
Owner—Alameda Board of Education (Wm. G. Paden, Superintendent).  
Architect—Kent & Haas, Underwood Bldg., San Francisco.  
All bids rejected as exceeding available funds. It is proposed that plans be revised and new bids asked in two units.  
Blackboards, linoleum, mill work, finish hardware, etc., will be eliminated in the first unit.  
W. K. Van Fokkelen Constr., 439 23rd St., Oakland, at \$109,494, submitted previous low bid.

**Contract Awarded**  
SCHOOL ADDITION  
Cont. Pr, \$36,041  
SALINAS, Monterey Co., Calif.  
One - story frame and stucco addition to the Sherwood School (six classrooms).  
Owner—Salinas City School District.  
Architect—Charles E. Butner, 7 Winham St., Salinas.  
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
Contractor—F. T. Walstrum, 854 Main St., Watsonville.

**Bids Wanted — To Close Nov. 30, 7:00 P. M.**  
SCHOOL BUILDINGS  
Estimated Cost, \$242,380  
CAMPBELL, Santa Clara Co., Calif.  
First unit (gymnasium only) of addition of four school buildings to the Campbell High School to consist of a two-story main high school building and a one-story auditorium, a gymnasium building and a shop building; landscaping, fencing, paving and construction of six tennis courts.  
Owner—Campbell Union High School District.  
Architect—Harold H. Weeks, 593 Market St., San Francisco.  
PWA recently allotted grant in the amount of \$109,071 to assist in fi-

nancing construction of complete addition; however, bids are now being received on gymnasium building only.

Plans and specifications may be obtained from the architect's office upon deposit of \$20.

Bids will be received until 7 p.m., and opened at 8 p.m., Nov. 30, in the Principal's office at the school.

**Complete Bids**

**SCHOOL** Cost, \$.....  
**FOWLER**, Fresno Co., Calif. Fourth and Tuolumne Streets.

One-story wood frame school building with concrete floor laid on an earth fill, metal lath and plaster interior walls and partitions, cement stucco exterior walls and a composition roof. The building will contain ten classrooms, each with work alcove, supply space, cloak room. A domestic science department with model dining room and necessary equipment, a library provided with steel shelving, an auditorium to seat 650, and stage equipment, administrative offices, boys' and girls' rest rooms, storage space and small basement for boiler room, direct steam radiation with provision for ventilation of auditorium, approximately 277,000 feet.

Owner—Fowler Elementary School District (W. T. Dice, Clerk).

Architect—Charles H. Franklin, 522 T. W. Patterson Bldg., and Ernest J. Kamp, Rowell Bldg., Fresno, Calif. Engineer—Mark Falk, Washington Bldg., Los Angeles.

Separate bids were received for (1) general work; (2) mechanical work; (3) electrical work; and (4) stage curtain.

General bids were taken with thirteen alternates, all deductions.

Complete bids follow:

**General Work**

T. C. and W. H. Irwin, 908 Mildreda, Fresno: \$131,847; (1) mechanical work, \$19,500; (2) electrical work \$15,500; (3) \$253; (4) \$1,053; (5) \$577 (6) \$1,499; (7) \$1,658 (8) \$2,216 (9) \$3,937 (10) \$275; (11) \$115; (12) artificial slate, \$26; (13) genuine slate \$28.

Harris Const. Co., Fresno: \$139,284 (1) \$19,500 (2) \$15,214 (3) \$253 (4) \$1,053 (5) \$577 (6) \$1,498 (7) \$1,658 (8) \$2,216 (9) \$4,600 (10) \$425 (11) \$37 (12) \$65 (13) \$85.

Richmond Const. Co., Fresno: \$139,750 (1) \$21,773 (2) \$16,986 (3) \$282 (4) \$1,175 (5) \$664 (6) \$1,673 (7) \$1,854 (8) \$2,474 (9) \$4,568 (10) \$474 (11) \$327 (12) \$65 (13) \$85.

W. T. Ochs, Fresno: \$147,122 (1) \$19,500 (2) \$15,000 (3) \$270 (4) \$1,100 (5) \$650 (6) \$1,560 (7) \$1,680 (8) \$2,316 (9) \$4,202 (10) \$470 (11) \$222 (12) \$65 (13) \$85.

Midstate Const. Co., Fresno: \$149,631 (1) \$19,500 (2) \$15,000 (3) \$300 (4) \$1,100 (5) \$650 (6) \$1,499 (7) \$1,680 (8) \$2,216 (9) \$4,000 (10) \$125 (11) \$220 (12) \$65 (13) \$85.

**Mechanical Work**

Frank Hudson, 2141 S. Van Ness, Fresno: \$18,293; (1) deduct \$298.

B. A. Newman Co., Fresno: \$18,810; (1) deduct \$450.

Barrett-Hicks Co., Fresno: \$18,973; (1) deduct \$551.

**Electrical Work**

Frank G. Lynn, 114 Ashton Ave., San Francisco: \$14,520 (1) deduct \$1,040 (2) deduct \$2,171 (3) deduct \$838 (4) deduct \$306 (5) deduct \$167.

Robinson Electric Co., Fresno: \$15,214 (1) \$1,053 (2) \$1,658 (3) \$577 (4) \$253 (5) \$297.

American Electric Co., San Francisco: \$15,581 (1) \$920 (2) \$1,060 (3) \$930 (4) \$295 (5) \$300.

**Stage Curtain**

Healey & Popovich, 815 Helm Bldg., Fresno, \$710.70.

**Award Recommended ADDITION**

**PLACERVILLE**, Eldorado Co., Calif. Cottage and Union Streets.

Two-story addition (two classrooms, manual training rooms and assembly hall) to present building and addition to boiler capacity.

Owner—Placerville Grammar School District (Jas. F. Johnson, Clerk). Architect—Jens C. Petersen, 812 26th St., Sacramento.

Low Bidder—Azevedo Constr. Co., 520 O St., Sacramento—\$41,850.

Placerville Grammar School District has forwarded low bid to PWA recommending award of contract. Complete bids published Nov. 15.

**BIDS OPENED**

**PORTABLES**

**OAKLAND**, Alameda Co., Cal. Goldens Gate Junior High School, 63rd and San Pablo Ave.

Thirteen portables (temporary classrooms).

Owner—Oakland School District. Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Low Bidder—John F. Tulloch, 335 8th St., Oakland—\$13,932.

Complete bids follow:

- John F. Tulloch, Oakland.....\$13,932
- Willis E. Lynn, Oakland.....14,737
- Carlen Constr. Co., S. F.....14,859
- L. Nielson, Berkeley.....15,200
- W. Vernon Bernard, El Cerrito.....15,498
- Rollin E. Meyer, S. F.....15,642
- A. Frederick Anderson, Oakland.....15,822
- Mark Bristol & Co., Inc.....16,247
- D. Nordstrom & Co., Oakland.....17,589
- George Swanstrom, Oakland.....18,343
- F. C. Stolle, Alameda.....18,600
- Jensen & Pedersen, Oakland.....19,035
- Emil Person, Berkeley.....24,870

**Bids Opened**

**SCHOOL**

**STEVENSON**, Merced Co., Calif. One-story frame and stucco school building, concrete foundations, corridors, floors and toilet room floors; four classrooms, activity stage, office and toilet facilities; wood roof with tile covering, metal lath or gypsum wall board interior.

Owner—Merquin Union School District, Merced County. Architect—Chas. F. Dean, California State Life Bldg., Sacramento. Structural Engineer—F. W. Kelberg, 320 Market St., San Francisco.

PWA allotted grant of \$136,364 and loan of \$20,000 to finance work.

Low Bidder—C. A. Hillberg, P. O. Box 52, Turlock—\$57,500.

Other bids were:

- L. Uhels, Ripon.....\$38,200
- H. H. Henning, Stockton.....39,848

The school board recommended that contract be awarded low bidder, without considering alternate bids received on six propositions.

**Contract Awarded ALTERATIONS** Cont. Pr. \$13,000

**SALINAS**, Monterey Co., Cal. Revision of heating systems in the Roosevelt School, Central and Capitol Streets and the Lincoln School, California and Maple Sts.

Owner—Salinas School District. Architect—Charles E. Butner, 7 Winham St., Salinas.

Contractor—Anderson-Dougherty-Hargis Co., 225 Main St., Salinas.

Complete bids follow:

- Anderson-Dougherty-Hargis Co., Salinas.....\$13,000
- Harry Lee, Burlingame.....13,427
- James A. Nelson, Inc., S. F.....14,040
- Corr & John, S. F.....14,135
- Phillips Heating & Plumbing, Salinas.....14,507

**Preparing Preliminary Plans SCHOOL BLDG.** Cost, \$.....

**HAYWARD**, Alameda Co., Cal. Community Center Building.

Owner—Capital Valley School District. Architect—Mario Corbett, 72 Third Ave., San Mateo.

**BIDS OPENED**

**SCHOOL BLDGS.**

**SANTA CLARA**, Santa Clara Co., Calif. Santa Clara High School.

Gymnasium (127 x 140 ft.), to seat from 750 to 900; shop, garage, equipment, etc.

Owner—Santa Clara High Sch. District (S. J. Brainerd, Principal). Architect—Harold H. Weeks, 593 Market St., San Francisco.

Low Bidder—Nielsen & Erbrant, 82 Hollywood Ave., San Jose—\$69,400.

Complete bids follow:

- Nielsen & Erbrant, San Jose.....\$69,400
- F. C. Stolle, Alameda.....69,900
- Carl N. Swenson Co., San Jose.....69,983
- Central Calif. Constr. Co., San Francisco.....70,383
- A. Nelson, Inc., S. F.....71,883
- Frank J. Reilly Co., S. F.....72,871
- Trewhitt-Shields & Fisher, Fresno.....72,900
- N. H. Sjoberg & Son, Oakland.....74,444
- Villadas Bros., Oakland.....74,490
- Geo. Petersen, San Leandro.....75,200
- W. K. Van Bokkelen Construction, Oakland.....78,774
- F. C. Amoroso & Sons, S. F.....79,229
- Midstate Constr. Co., Fresno.....82,729
- Anderson & Ringrose, S. F.....100,000

**Sub-Contracts Awarded**

**SCHOOL BLDGS.** Cont. Pr. \$60,900

**WASCO**, Kern Co., Calif. Two-classroom reinforced concrete unit, cafeteria and a toilet bldg; addition to the Wasco Grammar School.

Owner—Wasco Grammar School Dist. Architect—Ferrine & Mackie, Herbert E. Mackie, architect, 908 Western Bldg., Los Angeles.

Contractor—Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

**Roofing**—Kern County Roofing Co., 4275 E 21st St., Bakersfield.

**Plumbing**—J. E. Pettijohn, Delano. **Electric Wiring**—Wasco Elec. Shop, 807 7th St., Wasco.

**Heating**—W. M. Fisher, 2006 Chester Ave., Bakersfield.

**Sheet Metal**—Standard Sheet Metal, 702 R St., Fresno.

**Hardwood Floors**—Bakersfield Floor Co., 207 Oleander Ave., Bakersfield.

**Grading & Excavation**—Jack Shields, Bakersfield.

**Lumber**—The King Lhr Co., Box 1559 Bakersfield.

**Mill Work**—Fresno Planing Mill, H and Monterey Sts., Fresno.

**Painting**—Schute Paint Co., Fresno. **Lathing and Plastering**—Charles D. Conklin, 150 Pacific St., Bakersfield.

**Blackboards**—Spinner Diest Corp., 6518 Avalon Blvd., Los Angeles.

**BIDS WANTED**

**GUASTI**, San Bernardino Co., Cal.—Until Dec. 3, 2 p.m., bids will be received by Andrew J. Signorini, clerk of the Piedmont School District, care of Signorino Garage, corner Archibald Ave. and Colton Blvd., Guasti, for the construction of a 1-story classroom building at Guasti. Plans may be obtained from H. L. Cogerty, architect, 6272 Yuca St., Hollywood, after Nov. 18. The structure will contain classrooms, offices, library and covered play area. Estimated cost, \$52,000.

**Bids Opened**  
**ADDITION**  
**KERNVILLE, Kern Co., Cal.**  
 Two-room unit to be built at Kernville School.  
 Owner—Kernville School District.  
 Architect—Symmes & Willard; Stanton Willard, Architect, 215 Harberfelde Bldg., Bakersfield.  
 Low Bidder—B. Frank Barr, 1547 E. Main St., Ventura—\$27,630.  
**Complete bids follow:**  
 B. Frank Barr.....\$27,630  
 Frank Greenough.....27,780  
 J. S. Orr.....28,990  
 N. H. Harvey.....29,711  
 Elliott & Elliott.....31,250  
 R. Hodgson & Son.....31,500  
 Max Maltzman.....34,443

**BIDS WANTED**  
**CHULA VISTA AND NATIONAL CITY, San Diego Co., Cal.—Until December 6 (tentative date), bids will be received by Sweetwater Union High School District for construction of a domestic science, classroom and cafeteria building, a physical education building and a shop building at the Chula Vista Junior High School, and at the National City High School. Kistner & Curtis, architects, 412 Architects Bldg., Los Angeles, and Spreckels Bldg., San Diego.**

**Completing Working Drawings**  
**MUSIC BLDG. Cost, \$.....**  
**COLUSA, Calif.**  
 One-story frame and stucco music building at the Colusa High Sch. (hand room, four practice rooms, library, instrument room, composition room).  
 Owner—Colusa Union High School District.  
 Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Plans will be forwarded to the State Division of Architecture today.

**Contract Awarded**  
**SCHOOL. Cont. Price, \$54,750**  
**ROSLYN, Washington**  
 Two-story frame and brick school (10 classrooms), combined auditorium and gym, boiler room and kindergarten (140x114-ft.) maple floors in gym, stage equipment, acoustical work and plaster walls heated by a vapor vacuum steam system with coal stoker.  
 Owner—School District No. 24, Walter Strom, Supt. of Schools.  
 Architect—John W. Maloney, Larson Bldg., Yakima, Wash.  
 Contractor—Wentworth Const. Co., Textile Tower, Seattle.  
 Rushlight Plumbing & Heating Co., Portland, at \$13,939, awarded contract for plumbing, and NePage-McKenny Co., Seattle, at \$3,975 awarded electric contract.

**CONTRACTS AWARDED**  
**LONG BEACH, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, was awarded general contract by Long Beach Board of Education at \$137,099 for construction of the music school site. Other awards were:**  
 Economy Plumbing & Heating Co., 537 W 9th St., Long Beach, plumbing at \$6,437; American Engrs. & Contrs., 3620 Oregon St., Los Angeles, heating at \$13,783; Kuster-Wetzel Elec. Co., 214 E. Broadway, Long Beach, electric at \$8776; Hugh R. Davies, architect, 430 E Ocean Avenue, Long Beach

**Bond Election**  
**SCHOOL ADDITION Cost, \$.....**  
**SAN RAFAEL, Marin Co., Calif. E. Mission St.**  
 Proposed addition to San Rafael High School.  
 Owner—San Rafael High School Dis-

trict (Mr. Hartzell, Superintendent of Schools).  
 Architect—N. W. Sexton, 1602 de Young Bldg., San Francisco.  
 The San Rafael High School District will vote on January 11 on a proposal to issue bonds in the amount of \$105,000, proceeds to finance construction of high school addition.

**BIDS OPENED**  
**SAN FRANCISCO.—M. E. Vukicevich, 666 Mission St., at \$10,491 submitted low bid to the Department of Public Works, City Hall, for completion of the following rooms at Lawton School on Lawton St. between 30th and 31st Avenues: Rooms 3, 5, 6, 7, 8, 9, 101, 102, 103, 126, 127, 128, 201, 202, 203, 221, 222 and 223.**

**Bids were taken as follows:**  
 (1) work complete;  
 (2) deduct if all rooms on basement floor are left in present condition  
 (3) unit price on linoleum per sq. yd. for any addition to amount specified.  
 (4) do for an deduction to amount specified.  
**Complete bids follow:**  
 M. E. Vukicevich: (1) \$10,491; (2) \$2,825; (3) \$2,026; (4) \$2,026.  
 Frank J. Reilly Co.: (1) \$10,931; (2) \$3,171; (3) \$1,99; (4) \$1,99.  
 Anderson & Ringrose: (1) \$10,968; (2) \$2,990; (3) \$2,05; (4) \$1,50.  
 Adam Arras & Son: (1) \$11,424; (2) \$3,707; (3) \$2,19; (4) \$2,10.  
 Monson Bros.: (1) \$11,848; (2) \$2,998; (3) \$2,50; (4) \$1,50.  
 Peto, Sartorio: (1) \$12,124; (2) \$3,800; (3) \$2,20; (4) \$1,90.  
 Grant-Martinielli Const. Co.: (1) \$12,181; (2) \$3,811; (3) \$2,25; (4) \$1,99

**Preliminary Plans Prepared**  
**SCHOOL ADDN. Cost, \$100,000**  
**WOODLAND, Yolo Co., Calif.**  
 One-story concrete and brick veneer addition to Beamer Pk. Elementary school (4 classrooms, auditorium to seat 600, full basement, slate roof).  
 Owner—Woodland Elementary School District.  
 Architect—Dragon & Schmidts, 2065 Allston St., Oakland.  
 Woodland high school and grammar school districts are planning to vote bonds early next year in the amount of \$350,000, proceeds to finance construction of Beamer Park school addition and the new wing at the Woodland high school.

**Preliminary Plans Prepared**  
**SCHOOL ADDN. Est. Cost, \$250,000**  
**WOODLAND, Yolo Co., Calif.**  
 New 2-story wing addition to Woodland high school.  
 Owner—Woodland Elementary School District.  
 Architect—Dragon & Schmidts, 2068 Allston St., Oakland.  
 Woodland high school and grammar school districts are planning to vote bonds early next year in the amount of \$350,000, proceeds to finance construction of the new wing at Woodland high school and the Beamer Park school addition.

**BIDS OPENED**  
**SAN FRANCISCO.—Hanson Bros., 580 Mission St., at \$274 submitted low bid to the Department of Public Works, City Hall, for moving one bungalow from the old Sunshine school site, Dolores and Dorland Sts., to Hearst School site, Fillmore and Hermann Sts.  
 Only other bid submitted by D. J. and T. Sullivan, at \$435.00.**

**Planned**  
**HEATING PLANTS Cost, \$.....**  
**SAN MATEO, San Mateo Co., Calif.**  
 Central heating plants in the Hay-

ward Park, Lawrence and Beresford schools.  
 Owner—San Mateo Elementary School District.  
 Consulting Engineer—Robert L. St. John, 344 Market St., San Francisco.  
 Installation of heating plants in the Lawrence and Beresford schools is not expected to start until next July.

**Contract Awarded**  
**SCHOOL. Cont. Pr., \$10,355**  
**SNEILING, Merced Co., Calif.**  
 Two-room school building on the school site.  
 Owner—Snelling School District, Merced Co.  
 Architect—Johnson & Wethered; A. O. Johnson, Architect, Sir Francisco Drake Hotel, San Francisco.  
 Civil Engineer—W. E. Bedesen, Merced.

**Contractor — Charles Laughman, Merced, Cal.**  
**Complete bids follow:**  
 Chas. Laughman Turlock.....\$10,355  
 C. E. Cameron & Son, Merced.....11,196  
 Limer & Allen, Merced.....11,244  
 Mark B. Folsom, Merced.....11,251  
 C. A. Hillberg, Merced.....11,258  
 F. Writner, Turlock.....11,482  
 L. Uebel, Ripon.....11,910

**Contracts Awarded**  
**HEATING PLANT, ETC.**  
**MADERA, Calif. Lincoln School.**  
 Heating plant and boiler house of reinforced concrete construction.  
 Owner—Madera Elementary School District (S. H. Ransom, Clerk).  
 Architect—Ernest J. Kump, Rowell Bldg., Fresno.  
 Contractor—Midstate Constr. Co., 501 Pacific Southwest Bldg.  
 Complete bids follow:

**General Work**  
 Midstate Constr. Co.....\$2,076  
 R. W. Brown Constr. Co.....2,938  
 W. J. Ochs.....3,020  
 E. J. Denny.....3,230  
**Plumbing and Heating**  
 Frank Hudson, Fresno—\$8,270; (Alt. a: add) \$1367; (Alt. b: ded.) \$1753; award, \$6,535.  
 B. A. Newman—\$8,075; \$1466; \$962.  
 Thos. Warburton—\$9,443; \$1108; \$2252

**Bids Opened**  
**ADDITION**  
**PLACERVILLE, Eldorado Co., Calif.**  
 Cottage and Union Streets.  
 Two-story addition (two classrooms, manual training rooms and assembly hall) to present building and addition to boiler capacity.  
 Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
 Architect—Jens C. Peterson, 812 26th St., Sacramento.  
 Low Bidder—Azevedo Constr. Co., 920 O St., Sacramento—\$41,850.

**Complete bids follow:**  
 Azevedo Constr. Co., Sacto.....\$41,850  
 John C. Meyer, Stockton.....42,280  
 Otto Steinbrener, Placerville.....43,698  
 Frank Schmershal, Placerville.....44,985  
 Campbell Constr. Co., Sacto.....45,884  
 H. W. Robertson, Sacto.....49,950  
 M. R. Peterson, Sacto.....52,300  
 Bids held under advisement.

**Complete Bids**  
**SCHOOL. Cont. Pr., \$303,290**  
**EAST BAKERSFIELD, Kern Co., Calif.**  
 New junior high school, consisting of a two-story and basement, class A classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and composition roofing, steam heat.  
 Owner—Kern County Union High School District.



Architect—Chas. H. Biggar, 554 Harborfield Bldg., Bakersfield.  
Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.  
Contractor—L. H. Hansen & Son, P. O. Box 519, Fresno.

Bids were received on the following: (1) Classroom building, complete; (1a) deduct for omitting library wing from classroom building; (2) Gymnasium building, complete; (2a) shell of gymnasium building only; (3) auditorium, complete; (3a) deduct for omitting mechanical work for auditorium; (4) pipe tunnel between buildings.

Although bids were received on all of above alternates, only alternates 1, 2 and 4 were considered, on the basis of which contract was awarded. Following are complete bids listed from low to high bidder on the basis of alternates considered: L. H. Hansen & Son, Fresno—(1) \$246,300; (1a) \$30,738; (2) \$162,128; (2a) \$53,490; (3) \$161,496; (3a) \$31,178; (4) \$3,500.  
H. Mayson, L. A.—(1) \$254,746; (1a) \$29,167; (2) \$167,610; (2a) \$58,164; (3) \$164,187; (3a) \$24,978; (4) \$2,955.

Opperman & Co., Bakersfield—(1) \$254,450; (1a) \$29,000; (2) \$170,750; (2a) \$59,500; (3) \$172,250; (3a) \$30,500; (4) \$3,700.

W. W. Petley, L. A.—(1) \$262,473; (1a) \$32,537; (2) \$216,763; (2a) \$63,514; (3) \$166,413; (3a) \$34,905; (4) \$2,984.

Trewhitt, Shields & Fisher, Fresno—(1) \$260,900; (1a) \$28,000; (2) \$169,500; (2a) \$58,600; (3) \$156,500; (3a) \$28,750; (4) \$3,300.

Henry Eissler, Bakersfield—(1) \$270,000; (1a) \$30,000; (2) \$154,000; (2a) \$56,000; (3) \$161,000; (3a) \$35,000; (4) \$2,900.

John Strona, Pomona—(1) \$246,317; (1a) \$29,512; (2) \$171,956; (2a) \$77,000; (3) \$161,259; (3a) \$31,532; (4) \$2,126.

Campbell & Kelly, Los Angeles—(1) \$263,800; (1a) \$33,900; (2) \$190,800; (2a) \$60,400; (3) \$157,100; (3a) \$36,000; (4) \$3,000.

Baruch Corp., Los Angeles—(1) \$264,882; (1a) \$30,056; (2) \$171,901; (2a) \$67,259; (3) \$161,905; (3a) \$35,600; (4) \$2,431.

**Sub Contracts Awarded**  
**SCHOOL**—Cont. Pr., \$303,290  
**EAST BAKERSFIELD**, Kern Co., Calif.

New junior high school, consisting of a two-story and basement, of a classroom building, an auditorium to seat 1000, and a large gym of structural steel and reinforced concrete construction, steel and wood roof construction, tile and composition roofing, steam heat.

Owner—Kern County Union High School District.

Architect—Chas. H. Biggar, 554 Harborfield Bldg., Bakersfield.  
Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.  
Contractor—L. H. Hansen & Son, P. O. Box 519, Fresno.

**Asphalt Floors, Linoleum and Ceiling Tile**—McNaul & Baxter, 2231 Union Ave., Bakersfield.

**Black Board and Cork Board**—Amer. Seating Company.

**Electric Work**—Banner Electric Co., 421 Flower St.

**Maple Floors**—O. W. Newman, 1713 Second St.

**Glass & Glazing**—W. P. Fuller & Co., 2016 Chester Ave.

**Heating and Ventilating**—Walter M. Fisher, 2696 Chester Ave.

**Interior Tile & Marble and Roofing**—O. W. McNay, 1659 1/2 Chester St.

**Mill Work**—Fresno Planning Mill, H and Monterey Sts., Fresno.

**Painting**—Peckham & Foster, 2420 G Street.

**Plastering**—Alex Simpson, 610 V St.

**Plumbing**—A. E. Abbott, 910 Monterey St.

**Sheet Metal**—Gundlach Plumbing Co., 2324 Chester Ave.

**Terra Cotta Tile and Brick**—Ralph Bohne, 4408 W. 61st St., Los Angeles.

**Toilet Partitions, Ferulum Treads, Finish Hardware and Lumber & Building Material**—Bakersfield Sandstone Brick Co., 501 Sonora St.

**Structural Steel**—Kyle & Co., 346 G St., Fresno.

All of Bakersfield, unless otherwise noted.

**Revised Plans Completed**  
**AUDITORIUM**—Est. Cost, \$120,000  
**KING CITY**, Monterey Co., Cal.

New High School Auditorium building; stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1000, foyer, toilet facilities, closets, check room, ticket room, etc.  
Owner—King City High School District.

Architect—Robert Stanton, Hotel Del Monte, Del Monte.

PWA allotted grant in the amount of \$9,000, Docket No. 1591, to assist in financing.

Plans were slightly revised and re-forwarded to State Division of Architecture, Sacramento, and upon approval bids will be asked.

## 1C—BANKS, STORES AND OFFICES

**To Be Done By Day's Work**  
**ADDITION**—Cost, \$12,000  
**OAKLAND**, Alameda Co., Calif. 7335

Football Boulevard.  
Addition to Bank of America.

Owner and Builder—Bank of America, 1 Powell St., San Francisco.  
Plans by Capital Co., 625 Market St., San Francisco.

**Contract Awarded**  
**CAFE BLDG.**—Cost, \$10,000  
**YREKA**, Siskiyou Co., Cal. NW Main and Miner Streets.

One and one-half story reinforced concrete Class A building for the Spot Cafe.

Owner—N. T. DeLean, Eureka.  
Architect Not Given.  
Contractor—W. M. & C. A. Potter, 545 N. Main St., Yreka.

**CONTRACT AWARDED**  
**VAN NUYS**, Los Angeles Co., Cal. Broadway & Jacobson, 2150 Princeton Ave., awarded contract by L. A. Water & Power Bureau, at \$42,783,

for construction of the Van Nuys office and shop building on the NW corner of Acton St. and Vesper Ave.; PWA Docket 1929-R, Unit 5.

**PLANS BEING FIGURED**  
**BEVERLY GARDENS**, Los Angeles Co., Cal. Architect Marcus P. Miller, 77 Bond of Trade Bldg., Los Angeles.

is taking bids for construction of a one-story and basement concrete, brick and steel store building, 116 x 110 ft., at 4801-17 Whitmer Blvd., Beverly Gardens, for J. Royner Realty Corp., owner; Woodworth's, Federal Outfitting Co., Galt's, and Sontag Drug Co., tenants.

**Construction Underway**  
**OFFICE BUILDING**—Cost, \$5,000  
**CONCORD**, Contra Costa Co., Calif. Antioch Road.

Office building and warehouse.

Owner—Coast Counties Gas & Elec. Co.—R. L. Hayden, Division Manager.

Architect—Allen Froberg, 1955 Webster St., Oakland.

Contractor—D. Nordstrom & Co., Builders' Exchange, Oakland.

Sub contracts awarded published November 8.

**Bids in MARKET**  
**SAN MATEO**, San Mateo Co., Calif.

One-story and mezzanine reinforced concrete market building, wood trusses, composition roof, terra cotta front.

Owner—Withheld.  
Architect—Mario Corbett, 72 3rd Ave., San Mateo.

Bids are in and being held unopened pending return of owner from out of town.

**Bids Opened**  
**STORE BUILDING**—Cost, \$5,000  
**DAVIS**, Yolo Co., Cal.

New store building.  
Owner—R. A. Wells

Architect—Starks & Flanders, Bank of America Bldg., Sacramento.

Low Bidder—Wm. E. Truesdale, 2116 H St., Sacramento—\$11,356.

Other bids were:  
Lawrence Constr. Co. . . . . \$11,694

Otto Sanderer . . . . . 11,718

E. L. Younger, Woodland . . . . . 11,970

J. Duthie, Davis . . . . . 11,988

Harry Robertson . . . . . 12,424

Chas. Unger . . . . . 12,754

Peterson Constr. Co. . . . . 12,985

All of Sacramento, unless otherwise noted.

**Sub Contracts Awarded**  
**ALTERATIONS & ADDITIONS**—Cost, \$10,000

**SAN LUIS OBISPO**, Calif. Monterey and Morro Streets.

Alterations and additions to the Call Building.

Owner—Rodney V. Johnson.  
Architect—Not Given.

Contractor—Theodore M. Maino, 1424 Mill St., San Luis Obispo.

**Lathing & Plastering**—Francis Stephens, 3481 Pierce St., San Francisco.

**Roofing**—County Roof Service, Emery St.

**Plumbing & Sheet Metal**—Union Hardware & Plumbing Co., 725 Figueroa St.

**Electric Wiring**—Rudolph's Electric Shop, 717 Figueroa St.

**Heating**—Johnson Furnace Corp., 5367 W. Washington St., Los Angeles.

**Brick & Stone**—Faulstich Bros., 1224 Broad St.

**Lumber**—Pacific Coast Coal Co., 271 1/2 Duerra St., Stockton.

**Mill Work**—Southern Pacific Milling Co., Santa Barbara Ave.

All of San Luis Obispo, unless otherwise noted. 16

**Bids Opened**  
**STORE BLDG.**—Cost \$8,000  
**MARYSVILLE**, Yuba Co., Calif.

New store building.  
Owner—Milton Hany, Marysville.  
Architect—Not Given.

Low Bidder—Carl E. Otto, 216 W. 4th St., Stockton.

Other bids were:  
Barrett & Hill, Sacto. . . . . \$8,700  
H. W. Robertson . . . . . 9,818

**CONTRACT AWARDED**  
**LONG BEACH**, Los Angeles Co., Cal. Beswick Constr. Co., 1950 Pacific Ave., Long Beach, awarded contract for a 1-story reinf. concr. office building (80 x 83 ft.) to be built at the southeast corner of Broadway and Lime Ave., Long Beach, for the Mutual Bldg. & Loan Ass'n.; Motor Vehicle Dept. occupant—Warren Ledrick, architect, 901 Heartwell Bldg., Long Beach. 16

**CONTRACT AWARDED**

BAKERSFIELD, Kern Co., Cal.—O. D. Williams, Jr., 506 G St., Bakersfield, will build a medical office building on the northwest corner of Truxton Ave. and E St., Bakersfield, for Dr. Robt. E. Scherb of Bakersfield. 16

**Contract Awarded**

ALTERATIONS Est. Cost, \$30,000  
SAN FRANCISCO, 838 Market St.  
Alterations to store and store entrance

Owner—Sommer & Kaufmann, Inc.  
Architect—A. R. Williams, 251 Post  
Contractor—W. C. Tait, 883 Market.

**17— THEATRES****Contract Awarded**

POST OFFICE Cont. Pr., \$74,200  
MONROVIA, Los Angeles Co., Calif.  
United States Post Office.

Owner—United States Government.  
Plans by the Supervising Architect,  
Treasury Department, Washington,  
D. C.

Contractor—James I. Barnes Const.  
Co., Springfield, Mo.  
Complete bids published Nov. 8.

**Sub Contracts Awarded**

REBUILD ROOF Cont. Pr., \$1,850  
WOODLAND, Yolo Co., Calif. Second  
and Main Streets.

Rebuild roof of Woodland Opera  
House.

Owner—Hershey Estate.  
Architect—Chas. F. Dean, California  
State Life Bldg., Sacramento.

Contractor—E. L. Younger, 925 Main  
St., Woodland.

Roofing—Johns Manville Sales Corp.,  
116 New Montgomery St., San  
Francisco.

Sheet Metal—Woodland Plumbing &  
Hardware Co., 427 Main Street,  
Woodland.

Lumber and Mill Work — Diamond  
Match Co., Chico.

**PLANS BEING FIGURED**

BELL, Los Angeles Co., Cal.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles., is taking bids, until Nov. 20, from a selected list of contractors for remodeling the Maybell Theater in Bell for the Fox-West Coast Theaters, Inc. Cost, \$50,000. 17

**CONTRACT AWARDED**

REDONDO BEACH, Los Angeles Co., Cal.—L. M. Halper, 323 W. 6th St., Los Angeles, awarded contract for construction of a 750-seat theater building in Redondo Beach for the Fox-West Coast Theaters, Inc. S. Charles Lee, architect, 1648 Wilshire Blvd., Los Angeles. 17

**Contract Awarded**

THEATRE Cont. Pr., \$66,000  
HONOLULU, T. H. Oriental Quarter.  
One-story reinforced concrete theatre building to seat 500 steel truss roof and corrugated iron interior metal lath and plaster; acoustical Celotex, etc. (Japanese design).

Owner—Consolidated Amusement Co.  
Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.  
Contractor—G. J. Oda Contr. Co., Ltd.  
Honolulu.

The owners will do the electrical work, ornamental plaster and cast stone work and painting.

**18— WHARVES & DOCKS****Sub Contracts Awarded**

CONNECTING BUILDING  
SAN FRANCISCO. Cont. Pr., \$8,431  
Pier 48 (outer

end)  
Connecting building at Pier 48 (timber construction).

Owner—State Board of Harbor Commissioners, Ferry Bldg.  
Engineer—Frank G. White, Ferry Bldg.

Contractor—Frank J. Reilly Co., 6350  
Fulton St., San Francisco.

Roofing—Jack Johnson Roofing Co.,  
3365 Army St.

Sheet Metal—Morrison & Co., 74 Du-  
boce St.

Lumber—J. H. McCallum, 748 Bry-  
ant St.

Painting—E. Kahler, 830 Irving St.  
Misc. Iron—L. Schaffer & Co., 366  
10th St.

Wrought Iron Pipes—Skelly & Koh-  
ler, 1342 9th Ave.  
Metal Sash—Ceco Steel Products, 1280  
Indiana St.  
All of San Francisco.

**19—MISC. CONSTRUCTION****BIDS OPENED**

ALAMEDA, Calif.—Anchor Post  
Fence Co., 460 5th St., San Francisco,  
at \$662.47, submitted low bid to the  
Alameda City Council, City Clerk,  
City Hall, Alameda, for constructing  
a galvanized chain link fence around  
the tennis court at Haight Avenue  
and Linden Street, Alameda.

Total bids follow:  
Anchor Post Fence Co., 460  
5th St., San Francisco.....\$662.47  
Wickwire-Spencer Steel Co.,  
San Francisco..... 638.00  
Standard Fence Co., S. F..... 796.31

**BIDS OPENED**

LOS ANGELES, Calif.—Bids for  
furnishing and installing three new  
250-hp. water tube boilers with ac-  
cessories, including piping works, in-  
stallation and connecting of miscel-  
laneous equipment, and removing 4  
existing boilers in boiler house at  
Olive View; Spec. 418-R, were opened  
by Los Angeles County Supervisors  
Nov. 16. Bids were taken as follows:

(A) Complete, using 3¼-in. diam.  
No. 10 gauge boiler tubes;  
(B) Complete, using 2½-in. diam.  
No. 10 gauge boiler tubes.

The bids were:  
C. C. Moore & Co., Engrs. Inc., 450  
Mission St., San Francisco—(A) \$55,-  
540; (B) no bid. Sub-contractors:  
Pipe, Howe Bros.; removal of all  
boilers, Citizens Truck Co.; boiler  
brickwork, J. T. Thorpe, Inc., 941 E.  
24th St.

Walter S. Leland Co., 55 New  
Montgomery St., San Francisco—(A)  
no bid, (B) \$53,885. Sub-contractors:  
Pipe work, Lohman Bros.; insulation,  
St. Louis Fire Brick & Insulation  
Co., Huntington Park; wall of Sec.  
L. E. A. Carter, 226 W. 11th St., Los  
Angeles; brickwork specified in Sec.  
2, J. A. Carter.  
Howe Brothers, 1198 S. San Pedro  
St.—(A) \$55,657; (B) \$54,490. • 19

**CONTRACT AWARDED**

BAKERSFIELD, Kern Co., Calif.—  
Alva Hackney & Sons, 20 Kentucky  
St., Bakersfield, will build a roller  
skating rink (98 x 150 ft.) at the  
corner of Stockton and Kentucky  
Sts., Bakersfield, for J. L. Dickerson  
& Co. Cost, \$26,000. 19

**BIDS WANTED**

FORT McDOWELL, Calif.—Until  
Nov. 30, 1:30 p.m., bids will be re-  
ceived by the Quartermaster Corps,  
Fort McDowell, Cal., under Bid No.  
536-38-9, for drydocking, painting,  
overhauling and repairing the U. S.  
H. L. "General Frank M. Cox."

Plans and specifications may be  
obtained from the above office. • 19

**Sub Contracts Awarded**

MOTOR COURT Cost, \$15,000  
SAN MATEO, Ninth Ave. and Bay-  
shore Highway.

**New motor court.**

Owner—Clyde C. Rau, 1844 Sheridan  
Ave., San Diego.

Plans by Sam Atkins, 736 E. Robin-  
son St., San Diego.

Contractor—Roy Allen, 103 Castil-  
lian Way, San Mateo.

Roofing—Crowley Roofing Co., 108  
California Dr., Burlingame.

Plumbing—Harry Lee, 220 California  
Dr., Burlingame.

Electric Wiring—A. A. Pudsey, 217  
Mastick Ave., San Bruno.

Tile Work—R. A. Hoghton, Rt. 2,  
Hardwood, 102 S. Redwood Ct.

Hardwood Floors—William Hal-  
len, 920 Oak Grove Ave., Burlin-  
game.

Lumber, Mill Work, Hardware—  
Wisnom Lumber Co., 5th and S.  
Claremont, San Mateo.

**BIDS REVISED  
TO COMPLETE CONSTRUCTION**  
INGLEWOOD, Los Angeles Co.,  
Cal.—L. E. Dixon Co., 609 S. Grand  
Ave., Los Angeles, and Architect  
Stiles O. Clements, 1135 Van Nuys  
Bldg., Los Angeles, have been re-  
tained by the Hollywood Turf Club  
to complete the horse racing plant  
under construction at 9600 Fairlie  
Avenue, Inglewood. The seat of the  
grandstand, which will seat 13,500  
persons, has been built, the grading  
is completed, and stables for 1600  
head of horses have been built. A  
clubhouse is to be built on the site.  
Up until the present time work has  
been handled on an aggregated con-  
tract basis under the supervision of  
Maury Diggs.

**Bids In**

MAUSOLEUM Cost, \$.....  
OAKLAND, Alameda Co., Calif.  
Mausoleum containing 500 crypts.

Owner—First Hebrew Congregation.  
Architect—Henry A. Minton, Under-  
wood Bldg., San Francisco.

Plans were figured by a selected  
list of contractors.

Announcement early next week.

**Contract Awarded**

ADDITION Cont. Pr., \$14,358  
SONOMA CO., Cal., near Guerneville.  
Korbel Ranch

Two-story concrete addition to win-  
ery.

Owner—Korbel and Brothers.  
Architect—John Easterly, Healdsburg  
and Santa Rosa.

Contractor—Walter L. Olsen, 238 Car-  
rillo St., Santa Rosa.

Complete bids published Nov. 8.

**BIDS OPENED**

SACRAMENTO, Calif.—Chas. F.  
Unger, 2426 7th Ave., Sacramento, at  
\$6,554, submitted low bid to the  
Sacramento City Council, City Hall,  
Sacramento, for the construction of  
a structural steel training tower to  
be used in an instruction course for  
recruits in the City Fire Depart-  
ment. Estimated cost, \$5,000.

Total bids follow:  
Chas. F. Unger, 2426 7th Avenue,  
Sacramento—\$6,554.

Holdener Constr. Co., Sacramento  
—\$6,773.

Lawrence Constr. Co., Sacramento  
—\$6,998.

**BIDS WANTED**

OAKLAND, Calif.—Until Novem-  
ber 23rd, 1:00 P. M., bids will be re-  
ceived by the Oakland City Council,  
City Clerk, City Hall, Oakland, for  
the construction of a galvanized wire  
fence, gates and partitions at the  
Oakland Municipal Corporation Yard.

Plans and specifications may be  
obtained from the above office.

**CONTRACT AWARDED**

HERMISTON, Ore.—Newport Con-  
struction Co. and Kern & Kibbe, 42

SE Salmon, Portland, Ore., at \$107,638.48, was awarded contract by the Umatilla Electric Co-operative Assn., J. H. Reid, Secretary, for the construction of 139 mi. of electric distribution line in Umatilla and Morrow Counties, Oregon. \* 19

#### BIDS OPENED

**KLAMATH COUNTY, Ore.**—Brosterhouse Const. Co., Klamath Falls, at \$69,999 submitted low bid to the Enterprise Irrigation District, B. W. Short, President, U. S. National Bank Bldg., Klamath Falls, for the construction of a hydro-electric power plant and transmission lines at head of "C" Canal of Klamath Reclamation Project, Klamath County.

Work involves:

SCH. 1: earthwork, slope paving, substructure, superstructure, waste gates, trash racks, hand-operated crane.

SCH. 2: 750-h.p. water turbine, equipment and electric work.

SCH. 3: transmission lines.

Total bids follow:

- (A) Brosterhouse Const. Co., Klamath Falls, \$61,999.00.  
 (B) M. W. Cherry, Klamath Falls, \$62,450.00.  
 (C) J. E. Gray, Klamath Falls, \$63,195.00. \* 19

#### CONTRACT AWARDED

**WEST LOS ANGELES, Cal.**—Stan-ton-Reed Co., Architects' Bldg., Los Angeles, awarded contract at approximately \$27,500, for construction of a scene dock, 450 x 35 ft. in area, at 10,201 West Pico Blvd., West Los Angeles, for Twentieth Century-Fox Film Corp. Plans by the Owner's engineering department. \* 19

#### BIDS OPENED

**SAN FRANCISCO.**—Following submitted bids to the Golden Gate Bridge Directors for furnishing materials and erecting four paint scaffolds on the Golden Gate Bridge.

Bids were taken on:

(1) Erection: (2) Materials.  
 G. A. McLain—(1) \$10,223.10, less \$250 for fabrication; delivered to site.  
 Bethlehem Steel Co.—(2) \$20,290.

J. H. Pomeroy & Co., Inc., San Francisco—(1) \$37,170; (2) \$20,300; Alt. Material furnished, \$16,300.

Judson-Pacific Co., San Francisco—(1) \$40,164; (2) \$22,960.

Mortenson Constr. Co., San Francisco—(2) \$24,470.

Moore Dry Dock Co., Oakland—(1) \$17,500; (2) \$22,680.

Herrick Iron Works, Oakland—(1) \$17,400; (2) \$21,748.

Western Iron Works, San Francisco—(2) \$24,150.

Joe Gerrick & Co., San Francisco—(1) \$17,874. \* 19

#### BIDS OPENED

**TUOLUMNE CO., Calif.**—Beerman & Jones, 919 Bank of America Bldg., Stockton, at \$165 per ton, submitted only bid to the Tuolumne County Board of Supervisors, C. A. Damhacher, County Clerk, Sonora, for delivering and stockpiling 2000 tons of crushed rock or gravel. \* 19

## 20— MISC. SUPPLIES AND MATERIALS

#### BIDS WANTED

**LOS ANGELES, Cal.**—Until Nov. 23 3 P. M., bids will be received by U. S. Engineer, Los Angeles, for 20,000 lb. lengths, delivered to Brazil and Exchange Sta. Circ. Prop. 127.

#### BIDS WANTED

**EL CENTRO, Imperial Co., Cal.**—Until Dec. 7, 10 a. m., bids will be received by the Imperial Irrigation

District, El Centro, for furnishing and delivering materials, supplies and equipment required for construction of approximately 600 miles of rural electric distribution lines located in Imperial Irrigation District, Imperial County. Work will be done in accordance with Spec. REA No. 1, copies of which will be available to bidders at an early date. Certified or cashier's check for 5% must accompany each proposal. M. J. Dowd, chief engineer and general superintendent; W. W. Goodson, secretary.

The work involves:

- (1) 7000 poles;  
 (2) 10,000 lbs. wire;  
 (3) 700,000 lbs. wire conductor;  
 (4) 35,000 insulators;  
 (5) 1,400 transformers. \* 20

#### CONTRACT AWARDED

**OAKLAND, Cal.**—James Bell Co., 221 Market St., Oakland, at \$6,798 each, was awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 100 refuse containers. \* 20

October 16, 1937

#### CONTRACT AWARDED

**OAKLAND, Calif.**—Heafey-Moore Co., 344 High St., Oakland, at \$6.88 per ton, was awarded contract by Oakland City Council, City Clerk, City Hall, Oakland, for furnishing 1000 tons of crusher run base for the Street Department. \* 20

#### BIDS WANTED

**OAKLAND, Cal.**—Until Nov. 23, 1:00 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing rough steel pipe; (1) 22,000 ft. 1½-in.; (2) 9,000 ft. 1¼-in.

Plans and specifications may be obtained at the above office. \* 20

#### BIDS WANTED

**BERKELEY, Calif.**—Until Nov. 23, 10 a. m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing 600 sacks more or less of Lumite cement.

Plans and specifications may be obtained from the above office. \* 20

#### CONTRACT AWARDED

**SAN FRANCISCO.**—Standard Fence Co., 440 Bay Shore Blvd., at \$3,778 42 net, was awarded contract by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1921, for furnishing fencing for the San Francisco Airport, WPA Project. \* 20

#### BIDS WANTED

**OAKLAND, Calif.**—Until Nov. 24, 5:00 p. m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Bid No. 48, for furnishing 72 concrete piles in lengths of 50-75-60-65- and 70-ft (4510) in. dia for the San Joaquin river levees.

Plans and specifications may be obtained at the above office.

#### BIDS OPENED

**OAKLAND, Cal.**—Neptune Meter Co., 320 Market St., San Francisco, at \$7,297.00 submitted only bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro No. 930, for repairs parts for tri-dent meters.

#### BIDS OPENED

**OAKLAND, Calif.**—The following submitted identical bids at \$9,776.70 to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 933, for furnishing 55,000 lb. ft. of copper wire service tubing:

Moran Plumbing Supply Corp., Oakland.

Tay-Holbrook, Inc., Oakland.

Richmond Sanitary Co., Oakland.

Grinnell Company of the Pacific, Oakland.

Dunham, Carrigan and Hayden Co., San Francisco.

Meyer & Wirthinger, Oakland.

Pacific Tool & Supply Co., Oakland.

Pacific Metals Co., Ltd., San Francisco.

Crane Company, Oakland.

C. W. Marwedel, Oakland.

Ducommun Metals & Supply Co., San Francisco.

Mueller Brass Co., San Francisco.

Oakland Plumbing Supply Co., Oakland.

Oakland Sheet Metal Supply Co., Oakland.

Walworth-Lally Co., Oakland.

American Brass & Copper Co., Oakland.

Rolph Mills & Co., San Francisco.

submitted a bid of \$9,780.75.

Seaville Mfg. Co., San Francisco.

Oakland Sheet Metal Supply Co., Oakland.

Walworth-Lally Co., Oakland.

American Brass & Copper Co., Oakland.

Rolph Mills & Co., San Francisco.

submitted a bid of \$9,780.75.

#### BIDS OPENED

**OAKLAND, Calif.**—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at \$40,125.00 submitted the low bid to East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. LS-207, for furnishing 45,000 lb. of cast iron pipe; 30,000 lb. of 6-in. and 15,000 lb. of 8-in.

Total bids follow:

U. S. Pipe & Foundry Co., Monadnock Bldg., S. F. \$40,125.00

American Cast Iron Pipe Co., San Francisco 10,425.50

Pacific States Cast Iron Pipe Co., San Francisco 41,850.00

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#### BIDS OPENED

**OAKLAND, Cal.**—James Jones Co., 201 Leroy, Los Angeles, at \$3,200.90 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 931, for furnishing 25,000 bronze meter couplings.

Total bids follow:

James Jones Co., 201 Leroy, Los Angeles 3,200.90

Mueller Brass Co., S. F. 3,475.00

Oakland Plumbing Supply Co., Oakland 5,127.50

M Greenberg's Sons Brass Foundry Works, S. F. 5,525.00

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#### CONTRACT AWARDED

**KLAMATH, Cal.**—Federated Metals Corp., 75 Folsom St., San Francisco, at \$5,100.00 submitted only bid and awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Pro. No. 922, for furnishing 59 tons of pig lead.

#### CONTRACT AWARDED

**SAN FRANCISCO, Calif.**—Universal Rubber Corp., 933 Harrison St., San Francisco, at \$103.02, submitted low bid and was awarded contract by the U. S. Engineer, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 865-38-65, for furnishing hopper gate gaskets, ball and socket gaskets and dredge pump gaskets; I. O. U. S. Engineer Storehouse, Presidio, San Francisco. \* 20

#### ALAMEDA COUNTY PERMITS UNDER \$1000

**RE-ROOF, \$90:** 2125 Milvia, Berkeley; owner, B. Stevens, 2241 Central Ave., Alameda; contractor, Camisa Roof Co., 1217 Central Ave., Alameda.

**GARAGE, \$175:** 1413 Monterey, Berkeley; owner and contractor, O. C. Mann, Jr., Frem.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging Harbor Works, Excava.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Fire Alarm Syst.	35.—Tunnels
27.—Fire Alarm Syst.	
28.—Fire Equipment	
29.—Streets & High ways	

## 21— BRIDGES

## CONTRACT AWARDED

LOS ANGELES, Calif.—E. S. & N. S. Johnson, P. O. Box 2, Pasadena, at \$9,414 were awarded contract by Los Angeles county supervisors for construction of two bridges, one on Spring St. and one on Pioneer Blvd., over Coyote Creek. The proposed Spring St. bridge will consist of four 20-ft. spans, 24-ft. roadway, timber pile trestle and timber railing. The proposed Pioneer Blvd. bridge will be an addition to present bridge, consisting of two 25-ft. spans and one 13-ft. span, 20-ft. roadway, timber pile trestle and timber railings.

## BIDS OPENED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., at \$3,966, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19,090, for repairing Evans Avenue bridge. Estimated cost, \$4,200.

## Work involves:

- (1) Lump sum, remove existing timber deck;  
(2) 12 MFEM replace timber sills;  
(3) 11 MFEM replace timber caps;  
(4) 52 MFEM timber decking;  
(5) Lump sum, railing and curbs.

## Total bids follow:

- (A) Eaton & Smith, 715 Ocean Avenue—\$3,966.  
(B) Peter Sartorio, San Francisco—\$4,719.  
(C) Fred J. Early, Jr., San Francisco—\$4,940.  
(D) Healy-Thibbitts Construction Co., San Francisco—\$4,941.  
(E) C. C. W. & H. H. Haun, San Francisco—\$5,190.  
(F) Barrett & Hilp, San Francisco—\$5,375.  
(G) E. J. Treacy, San Francisco—\$5,695.  
(H) Frank J. Reilly Co.—\$5,852.  
(I) Dept. of Public Works, Bureau of Bldg. Repairs—\$6,090.54.  
(J) A. W. Kitchen & Co.—\$6,751.40.  
(K) J. C. O'Leary—\$7,660.

## Unit prices follow:

	(1)	(2)	(3)	(4)	(5)
(A)	\$100	\$100.00	\$100.00	\$68.00	\$100.00
(B)	615	200.00	125.00	66.00	299.00
(C)	1246	210.00	100.00	56.00	420.00
(D)	970	70.00	70.00	70.00	170.00
(E)	1100	200.00	100.00	65.00	350.00
(F)	2060	180.00	200	53.00	400.00
(G)	825	125.17	149.90	83.16	150.00
(H)	881	356.00	189.00	3979.00	444.00
(I)	570	450.50	306.69	73.707509979	
(J)	1779	196.00	132.00	80.50	412.00
(K)	1700	435.00	120.00	98.00	410.00

## CONTRACT AWARDED

SAN FRANCISCO—D. E. Burgess, 282 7th St., at \$1,665, was awarded contract by the Department of Pub-

lic Works, Room 251, City Hall, under Spec. No. 19084, for painting the Third Street bridge over Channel St. waterway. Est. cost, \$2,900. \* 21

## LOW BIDDER

TULARE CO., Calif.—L. C. Clark, 217 South West Ave., Visalia, at \$2,101.68, submitted low bid to the Tulare County Board of Supervisors, Gladys Stewart, Clerk, Court House Bldg., Visalia, for the construction of a reinforced concrete bridge across Porter Slough, consisting of three 18-ft. spans, situated approximately one-fourth mile east of the east City Limits, Porterville, Tulare Co.

## Work involves:

- (1) 147.66 cu. y. of Class A portland cement concrete;  
(2) 2.66 cu. y. of Class F portland cement concrete.

## Total bids follow:

- (A) L. C. Clark, 217 South West Avenue, Visalia—\$2,101.68.  
(B) R. Hodgson & Sons, Porterville—\$2,231.27.  
(C) Earl Bowen, Strathmore—\$2,424.41.  
(D) Jourdan Concrete Pipe Co., Fresno—\$2,627.10.  
(E) N. M. Ball Sons, Berkeley—\$2,911.18.  
(F) J. E. Anderson, Visalia—\$3,792.90.  
(G) Midstate Constr. Co., San Francisco—\$4,321.15.  
(H) Case Constr. Co., Inc., Alhambra—\$5,574.56.

## Prices follow:

	(1)	(2)
(A)	\$2,064.44	\$37.24
(B)	2,138.17	93.10
(C)	2,344.61	79.80
(D)	2,580.55	46.55
(E)	2,764.88	146.30
(F)	3,686.50	106.40
(G)	4,055.33	261.00
(H)	5,308.56	266.00

## CONTRACT AWARDED

LOS ANGELES, Calif.—Claude Fisher Co., Ltd., 2455 E. 55th St., Los Angeles, at \$15,698, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for constructing a reinforced concrete girder bridge and 0.3 mile grading and surfacing with plant-mixed surfacing roadway approach on Puente Avenue at Walnut Creek, Los Angeles County, Cal. \* 21

## BIDS WANTED

LOS ANGELES, Cal.—Until Nov. 30, 2 P. M., bids will be received by the Board of Supervisors of the Los Angeles County Flood Control District, 501 Hall of Records, for the construction of three steel truss foot-bridges over Verdugo Wash at Oak-

mont Country Club in Glendale, involving the furnishing of approximately 19,000 lbs. of structural steel and 3000 FEM of lumber. Plans and specifications were prepared by C. H. Howell, Chief Engineer, and copies may be obtained at his office, 751 S. Figueroa St., upon payment of \$2.50 per set. Certified or cashier's check or bidder's bond must accompany each proposal. The proposed bridge will be of steel truss construction, with welded connections, wood decks, and handrails. They will be 80 feet 2 inches long and 5 feet wide.

## CONTRACT AWARDED

SAN FRANCISCO, Calif.—Eaton & Smith, 715 Ocean Ave., at \$3,966, was awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,090, for repairing Evans Avenue bridge. Estimated cost, \$4,200. \* 21

## 22— DREDGING HARBOR WORKS, EXCAVATION

## CONTRACT AWARDED

LOS ANGELES, Cal.—San Francisco Bridge Co., 503 Market St., San Francisco, at \$2,650.00 was awarded contract by the U. S. Engineer, Los Angeles, for construction of reinforced concrete substructure for a light tower, a concrete landing and a concrete walkway, all on west end of Los Angeles Long Beach detached breakwater in Los Angeles Outer Harbor; Circ. Prop. 89. Cement will be furnished by the government. Estimated cost, \$2,579.29. \* 22

## CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—Delta Dredging Co., Pittsburg, at \$1,406.40 submitted only bid and awarded contract by the San Rafael City Council, Eugene W. Smith, City Clerk City Hall, San Rafael, for deepening, widening and shaping a portion of the channel of Mahon Creek, San Rafael. Work involves 4933 cu. y. of excavation. \* 22

## 25— MACHINERY AND EQUIPMENT

## BIDS WANTED

ALL-AMERICAN CANAL.—Until Dec. 7, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 907-D, for furnishing eleven 16,000-lb. capacity and two 3,500-lb. capacity radial gate hoists for the Pilot Knob Check and wasteway; two 12,000-lb. capacity and four 3,500-lb. capacity radial-gate hoists for the new River crossing; and two 1,600-lb. capacity, one 2,000-lb. capacity and one 1,200-lb. capacity, two 12,000-lb. capacity and seven 7,500-lb. capacity radial-gate hoists for the New Wistaria, Woodbine, Wormwood, and West Side main canal turnouts, on the All-American Canal, Boulder Canyon Project, Arizona-California-Nevada. Hoists will be installed by the Government f.o.b. shipping point and/or cars at the railroad destination at the option of the bidder.

Plans and specifications may be obtained from the above office. \* 25

## BIDS WANTED

KENDRICK PROJ., Wyo.—Until Dec. 13, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 761, for

Capital City  
Title Company

JAMES E. BANCROFT

Monogor

801 J Street

Sacramento : Calif-ria

furnishing two 72-inch ring-flowlators gates and two bell-mouth castings for installation in the outlet works at the Seminole Dam, Kendrick Project, Wyoming. Gates and bell-mouth castings will be installed by the Government f.o.b. shipping point and/or Parco, Wyo.

Plans and specifications may be obtained from the above office. \* 25

#### BIDS WANTED

**TRUCKEE STORAGE PROJECT.**—Until Dec. 2, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 994-D, for furnishing two 19-ft. by 16-ft. radial gates and two 16,000-lb. capacity, double-drum, motor-driven, radial-gate hoists for installation in the spillway at the Boca Dam, Truckee Storage Project, Nevada-California. Gates and hoists will be installed by the Government f.o.b. shipping point and/or Boca, Calif.

Plans and specifications may be obtained from the above office. \* 25

#### BIDS OPENED

**SAN FRANCISCO.**—The following submitted bids to the Forest Service Regional Office, 1022 Eucalyptus Bldg., 760 Market St., San Francisco, under Bid No. 1182, for a heating system, including gas boiler and one condensation pump and receiver, and three blower type heating units; fob bidder's shipping point and/or Government Island.

Total bids follow:  
 J. S. Rubber Corp., San Francisco, \$1329.47; 2% 47 days.  
 Heating Equipment Sales Co., \$1,699.60; 5% 10 days.  
 V. O. and C. U. Martin, \$1092.99; net.

Crane Co., San Francisco, \$1294.98; net.

U. S. Rubber Corp., \$1074; 2% 10 days.  
 National Fan & Blower Co., \$1095.95; 2% 10 days.

Grinnell Co. of the Pacific, San Francisco, \$1070; 5% 10 days on \$654.52 and 2% 30 days on balance.  
 Dallman Supply Co., Sacramento, \$1267.98; 2% 10 days.

All fob Government Island. \* 25

#### BIDS OPENED

**LOS ANGELES, Calif.**—Following submitted bids to the U. S. Engineer near Los Angeles, under Cir. Prop. 112, for rental of one 2½-yd. dragline without operator for 100 days at mouth of Ballona Creek, near Playa Del Rey.

Total bids follow:  
 R. W. Kuhn, 1st 200 hrs, \$12.50 hr, next 150 hrs, \$5.90; next 150 hrs, \$5.40; disc 1% 10 da (Northwest 80-D); deduct \$1 hr if bidder's operator is used.

United Concrete Pipe Corp., \$7.50 hr, \$6000 total (Lima 70); \$7.00 total (Lima 801); \$9.00 hr; \$7200 total.  
 Minnis & Mosdy, \$6.75 hr; \$5400 total (Link-Belt K-55); 1% 10 da.

R. E. Campbell, \$7.50 hr; \$6000 total (Link-Belt K-48); 2% 10 da.  
 Oswald Bros, \$10 hr; \$8000 total (Model 78).

Ralph O. Dixon, Glendale, \$6.50 hr; total \$7200 (Marion 381).

Pacific Crane & Rigging, \$7.25 hr; \$5800 total (Link-Belt K-55); 5% 20 days.

A. J. Callahan, \$5.00 hr; \$4000 total (Link-Belt K-48); 2% 10 da.  
 C. W. Willis & Sons, \$7.00 hr; \$6400 total (Lima 801); ½ 1% 10 da.

Claude Fisher Co., Ltd., \$5.85 hr; \$4680 total (Northwest 80-c); 1% 10 days. \* 25

#### BIDS OPENED

**SANTA BARBARA COUNTY, Cal.**—

—Rock & Gravel Trucking Co., 4605 East El Centro Avenue, Oakland, at

\$3.95 per hour submitted low bid to the State Division of Highways, San Luis Obispo, for the rental of one ½-c.y. power shovel for 90 days to be used on slide removal work in Santa Barbara County.

Total bids follow: Per hr.  
 Rock & Gravel Trucking Co., 4605 El Centro Ave., Oakland, \$3.95  
 C. E. Huls, Merced (irregular) bid  
 Chas. Homes, San Bernardino, 4.65  
 Longwell & Kennedy, S. F., 5.00  
 Frank T. Hickey, Los Angeles, 5.25  
 A. Soda & Son, Oakland, 5.30  
 Fortola Truck Service, S. F., 5.99

#### BIDS OPENED

**MONTEREY CO., Calif.**—Following submitted bids to the State Division of Highways, San Luis Obispo, for the rental of two ¾-c.y. dump trucks and one ½-c.y. power shovel for use in Monterey County, approximately 100 days:

Truck Bids  
 \*Frank T. Hickey, 7422 Santa Monica Blvd., Los Angeles—\$1.83 per hr.  
 \*Harry I. Hagan, San Pedro—\$2.00.  
 \*J. L. Collingham, L. A.—\$2.25.  
 \*M. J. Murphy, Carmel, Cal.—\$2.25.  
 \*Roy Barry, L. A.—\$2.08.  
 Rock & Gravel Trucking Co., Oakland—\$2.40.  
 \*Nick Vlach, L. A.—\$2.48.  
 Longwell & Kennedy, S. F.—\$2.49.

\*Andras & Teichert, Salinas—\$2.50.  
 \*O. W. Lloyd, Santa Maria—\$2.65.  
 \*H. O. Claybrook and Ted M. Ricker, Pasadena—\$2.75.

La Marr Dump Truck Service, Pasadena—\$2.83.

Volpa Bros., Fresno—\$2.83.  
 \*W. E. Minnis and Raymond Carless, West Hollywood—\$2.83.  
 Janssen & Morgan, Pasadena—\$2.83.

\*M. E. Hartman, Anaheim—\$2.83.  
 C. V. Clark, Jr., North Hollywood—\$2.83.  
 \*E. Huls, Merced—\$2.83.

\*Schlemmer & LaMarr, Pasadena—\$2.83.

\*Portola Truck Service, San Francisco—\$2.83.

#### Shovel Bids

M. J. Murphy, Carmel, Cal.—\$4.00 per hour  
 Harry I. Hagan, San Pedro—\$4.20.  
 \*C. E. Huls, Merced—\$4.25.

\*Longwell & Kennedy, San Francisco—\$4.40.

Roy Barry, Los Angeles—\$4.40.  
 Rock & Gravel Trucking Co., Oakland—\$4.40.

\*Charles Holmes, San Bernardino—\$4.75.

Frank T. Hickey, Los Angeles—\$5.25.

Portola Truck Service, S. F.—\$5.99.

\*NOTE: Irregular bids and bids of equipment not conforming to specifications of bid proposal. \* 25

#### BIDS OPENED

**BONNEVILLE PROJECT, Ore.**—Lord & Loryes, 4617 SE Milwaukee Ave., Portland, Ore., at \$16.71, submitted low bid to the U. S. Engineer in Charge, District Engineer, Bonneville, Ore., under Bid No. 694-38-152, for designing, manufacturing, delivering and installing sewage and bilge pumps for the Bonneville Project at Hood River, Ore.

Total bids follow:  
 Lord & Loryes, 4617 SE Milwaukee Ave., Portland, \$16.71.

Victor Equipment Co., Los Angeles, Calif.—\$16.85.  
 Bingham Pump Co., Portland—\$1.999

#### BIDS WANTED

**YAKIMA PROJECT, Wash.**—Until Dec. 1, 2 p.m. bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 993-D, for furnishing two 13-foot 4-inch by

12-foot 6-inch radial gates and two 7,500-lb. capacity, double-drum, motor-driven, radial-gate hoists for installation in the inlet to the Pomona siphon, Yakima Ridge canal, Roza Division, Yakima Project, Wash. Gates and hoists will be installed by the Government; f.o.b. shipping point and/or Pomona, Wash.

Plans and specifications may be obtained at the above office. \* 25

#### BIDS OPENED

**MINIDOKA PROJECT, Idaho.**—The following submitted bids to the Bureau of Reclamation, Denver, Colorado, under Spec. No. 985-D, for furnishing (1) two 2000 kv-a, 2300 to 18,650/33,000 Y-voit, three-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers; (2) two 34,500-voit, 600-amp, oil circuit breakers; and (3) 18 34,500-voit, 600-ampere, disconnecting switches for the Minidoka power plant, Idaho. Apparatus will be installed by the Government; f.o.b. shipping plant and/or Minidoka, Idaho.

Total bids follow:  
 Gold Seal Elec. Supply Co., Philadelphia, Pa.—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

The High Tension Co., Inc., Phillipsburg, N. J.—(3) wt. 1680, \$778.50; f.o.b. Barberton, Ohio; 1%.

Graybar Elec. Co., Inc., Denver, Colo.—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.—(1) \$15,524; (2) wt. 17,184, \$9,853; f.o.b. Minidoka; net.

Bowle Switch Co., San Francisco—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

Elec. Power Equipment Corp., Philadelphia, Pa.—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

Pennsylvania Transformer Co., Pittsburgh, Pa.—(1) wt. 61,000, \$13,520; f.o.b. Minidoka; net.

Royal Elec. Mfg. Co., Chicago, Ill.—(3) wt. 2800, \$1,015; f.o.b. Minidoka; net.

Pacific Elec. Mfg. Corp., San Francisco—(2) wt. 19,000, \$9,975; (3) wt. 2340; \$936; f.o.b. Minidoka; net.

Westinghouse Elec. & Mfg. Co., Denver—(1) wt. 54,000, \$16,029; (2) wt. 16,580, \$10,542; (3) wt. 2790, \$930; f.o.b. Minidoka; net.

Schweitzer & Conrad, Inc., Chicago, Ill.—(3) wt. 4340, \$936; f.o.b. Minidoka; net.

Hi-Voltage Equipment Co., Cleveland, Ohio—(3) wt. 2550, \$936; f.o.b. Minidoka; net.

The Standard Transformer Co., Warren, Ohio—(1) wt. 53,800, \$13,668 (f.o.b. Minidoka; net.

Moloney Electric Co., St. Louis, Mo.—(1) wt. 34,700, \$13,915; f.o.b. St. Louis; net.

Southern States Equipment Co., Birmingham, Ala.—(3) wt. 3510, \$8,992; f.o.b. Minidoka; net.

Electrical Engineers Equip. Co., Milwaukee Park, Ill.—(3) wt. 2340, \$930; f.o.b. Minidoka; net.

American Transformer Co., Newark, N. J.—(1) wt. 55,000, \$13,600; f.o.b. Minidoka; net.

Delta-Star Electric Co., Chicago, Ill.—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

General Electric Co., Schenectady, N. Y.—(1) wt. 48,000, \$16,202; (3) wt. 18,800, \$9,910; (3) wt. 2800, \$936; f.o.b. Minidoka; net.

Kelman Elec. & Mfg. Co., Los Angeles, Calif.—(2) wt. 11,800, \$8,112.52; f.o.b. Minidoka; net.

Kuhlman Electric Co., Bay City, Mich.—(1) wt. 52,000 \$11,311; f.o.b. Minidoka; net.

Johnson Mfg. Co., Atlanta, Ga.—(3) wt. 2118, \$972.70; f.o.b. Minidoka; net.

Railway & Indus. Engrg. Co.,

Greensburg, Pa.—(3) wt. 2340, \$936; f.o.b. Minidoka; net.

Memco Engrg. & Mfg. Co., Inc., Long Island City, N. Y.—(3) wt. 2700, \$846; f.o.b. Minidoka; net.  
 Gerler Elec. Supply Corp., New York—(3) \$936.

**CONTRACTS AWARDED**

**KENDRICK PROJ., Wyo.**—Berkeley Steel Construction Co., Inc., Berkeley, at \$1,175,000 (Item 1) and Consolidated Steel Corp., Ltd., Los Angeles, at \$12,292 (Item 2), awarded contract by the Bureau of Reclamation, R. F. Walter, Chief Engineer, Denver, under Spec. 979-D, for (1) one 8.5-ft. by 8.5-ft. bulkhead gate and one 10.5-ft. by 15.33-ft. bulkhead gate and (2) three bulkhead gate frame assemblies for the power penstocks at the Seminoe Dam, Kendrick Project, Wyo. Materials will be installed by the Government; f.o.b. shipping point and/or Parco, Wyo. \* 25

**BIDS WANTED**

**ALL-AMERICAN CANAL**—Until Dec. 6, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 996-D, for furnishing eight motor-driven radial-gate hoists and two 3,000-lb. capacity, double-drum, motor-driven radial gate hoists for power drops Nos. 2, 3, 4 and 5, and for the New Nos. 1, turn-out, All-American Canal, Boulder Canyon Project, Arizona, California-Nevada. Hoists will be installed by the Government f.o.b. shipping point and/or cars at the railroad destination at the option of the bidder.

Plans and specifications may be obtained at the above office. \* 25

**BIDS OPENED**

**BONNEVILLE PROJECT**—The following submitted bids to the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-136, for performing all work for the fish lift operating machinery for the Bonneville Project, Oregon. Alternate A f.o.b. shipping point; Alternate B f.o.b. Bonneville, Oregon.

Work involves:

- (1) 12 fish lift entrance and exit gate hoists;  
 (2) 3 fish lift elevator hoists;  
 (3) 14 radial gate hoists;  
 General Iron & Steel Works, Portland—Alt. B, Sched. I, \$74,840; Sch. 2, \$20,910, Sch. 3, \$42,940.

Star Iron & Steel Works, Portland—Alt. B, Sch. 1, \$93,065; Sch. 2, \$24,955; Sch. 3, \$50,700.

Puget Sound Machinery Depot, Seattle—Alt. A, Sch. 2, \$20,737.48; Alt. B, Sch. 2, \$21,025.38.

Consolidated Steel Corp., Los Angeles—Alt. A, Sch. 1, \$99,440; Sch. 2, \$24,008; Sch. 3, \$51,310.  
 Lakeside Bridge & Steel Co., Milwaukee—Alt. A, Sch. 1, \$83,227; Sch. 2, \$19,902; Sch. 3, \$42,179, for furnishing one 1/2-inch head bolt threading machine.

**BIDS WANTED**

**OAKLAND, Calif.**—Until Nov. 24, 5-30 P. M. bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 St., Oakland, under Pro. 939, for furnishing one 1/2-inch head bolt threading machine.

Plans and specifications may be obtained at the above office.

**BIDS OPENED**

**OAKLAND, Cal.**—Spears Wells Machinery Co., 1832 W. 9th St., Oakland, at \$4,320.00 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 928, for furnish-

ing one 8-ton gasoline driven road roller.

Total bids follow:

Spears Wells Mch. Co., 1832 W. 9th St, Oakland.....	\$4,420.00
Jenison Mch. Co., S. F.....	4,518.00
Associated Equip. Co., Ltd., San Francisco.....	5,735.00

**BIDS OPENED**

**OAKLAND, Cal.**—Val Strough, Inc., 3330 Broadway, Oakland, at \$2,957.45 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 937 for five Chevrolet Master coupes.

Total bids follow:

Val Strough, Inc., 3330 Broad- way, Oakland.....	\$2,957.45
Cochran & Celli, Oakland.....	2,980.00
Dahl Chevrolet Co., Oakland.....	3,020.92
F. H. Daicy Motor Co., Oak- land.....	3,067.65
San Leandro Motor Co.....	3,435.09

**BIDS OPENED**

**SAN FRANCISCO**—W. A. Trimble, 885 Ocean Ave., at \$4.50 per hour, net, submitted low bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 4654, for the rental of one tractor not less than 40-h.p. diesel or gasoline powered, equipped with bulldozer scraper and scarifier, for use for 120 hours at Geneva Avenue and Rio Verde Sts., San Francisco.

Total bids follow:

W. A. Trimble, San Francisco.....	\$4.50
R. A. Farish, San Francisco.....	4.75
Guerrin Bros., San Francisco.....	5.25
Eaton & Smith, San Francisco.....	5.50

5-day delivery.

Roberts Island Dredging & Imp.  
Co., Antioch..... 6.50  
 A. Soda & Son, Oakland..... 6.54

**BIDS OPENED**

**SANTA BARBARA COUNTY, Cal.**—Kock and Gravel Trucking Co., 4605 East El Centro Avenue, Oakland, at \$2.40 per hour submitted low bid to the State Division of Highways, San Luis Obispo, for the rental of two 3 1/2-cy. pneumatic tired dump trucks for 90 days, to be used on slide removal work in Santa Barbara Co.

Total bids follow: Per hr.  
 Kock & Gravel Trucking Co. 4605  
 El Centro Ave., Oakland..... \$2.40

Frank T. Hickey, L. A. (irregu-  
lar bid)..... 1.83

H. O. Claybrook and Red M.  
Rickey, Pasadena (irregular  
bid)..... 2.40

Nick Viocich, Los Angeles (ir-  
regular bid)..... 2.48

Longwell & Kennedy, S. F. (ir-  
regular bid)..... 2.49

J. L. Collingham, Los Angeles  
(irregular bid)..... 2.25

LaMarr Dump Truck Service,  
Pasadena..... 2.53

Volpa Bros., Fresno..... 2.54

Ralph C. Peri, Pasadena (irreg-  
ular bid)..... 2.53

W. L. Morgan, Pasadena..... 2.53

R. B. Show, Santa Maria (irregu-  
lar bid)..... 2.53

C. V. Clark, Jr., North Hollywood  
2.53

C. E. Huls, Merced..... 2.53

V. B. Minnis, Los Angeles, (ir-  
regular bid)..... 2.83

Portola Truck Service, S. F. (ir-  
regular bid)..... 2.83

M. E. Hartman, Anaheim (irregu-  
lar bid)..... 2.83

**BIDS OPENED**

**SACRAMENTO, Cal.**—Ellsworth

Harold, Sacramento, and Vogel

Chevrolet Co., Sacramento, at \$2,440,  
submitted identical bids to the U. S.  
Engineer Office, Room 208, Post Of-  
fice Bldg., Sacramento, under Bid  
No. 1105-38-129, for furnishing four  
new automobile 1/2-ton to 3/4-ton

pickup trucks, 1938 models, fully  
equipped.

Total bids follow:

Ellsworth Harold, Sacto.....	\$2,440.00
Vogel Chev. Co., Sacto.....	2,440.00
Miller Auto. Co., Sacto.....	2,643.48
International Harvester Co., San Francisco.....	2,688.00
E. A. Board Co.....	1,704.00

**BIDS OPENED**

**BUTTE CO., Cal.**—Randolph Ma-  
chinery Co., Gridley, at (1) \$6,746.50  
and (2) \$2,214.50, submitted low bid to  
the Butte County Purchasing Agent,  
Frank L. Bratton, Court House, Oroville,  
for furnishing: (1) a tractor and  
(2) an angle dozer; f.o.b. Butte  
County Warehouse and Shop.

Total bids follow:

Randolph Machinery Co., Gridley— (1) \$6,746.50; (2) \$2,214.50.....	
Chico Equipment Co., Chico—(1) \$7107.....	
Butte Tractor & Equipment Co., Chico—(1) \$4854.24; (2) \$2336.65.....	
Andy Anderson & Son, Chico—(1) \$10,500.....	25

Moore Machinery Co., San Fran-  
cisco—(1) \$1481; (2) \$521. \* 25

**BIDS OPENED**

**ALAMEDA, Alameda Co., Calif.**—  
Following submitted bids to the Alameda  
Board of Education, Alameda  
Unified School District of Alameda  
County, Wm. G. Paden, Secretary,  
Administration Bldg., Oak St. and  
Alameda Ave., for furnishing (1) one  
6-in. shear and (2) one brake, pan  
and box.

Tav-Holbrook, Inc., San Francis-  
co—(2) \$1631.

C. F. Bulotti Machinery Co.—(1)  
\$1885; (2) \$995.

Moore Machinery Co., San Fran-  
cisco—(1) \$1481; (2) \$521. \* 25

**BIDS OPENED**

**SAN FRANCISCO**—Harry P. Ha-  
gan, San Pedro, at (1) \$2.00; (2) \$2.35  
and (3) \$2.35, submitted low bid to  
the Department of Public Works,  
Div. of Highways, Jno. H. Skeggs,  
District Engineer, District IV, Room  
211, State Bldg., San Francisco, for  
the rental of approximately 2500 hrs.  
of four pneumatic tired dump trucks,  
not less than 4 cu. yds. water level  
without sideboards or built-up sides.  
Equipment to be used in Santa Mateo  
and Santa Cruz Counties.

Bids were received on:

- (1) Hand loading;  
 (2) Bunker loading;  
 (3) Power loading.

Total bids follow:

(1) (2) (3)  
 Harry P. Hagan,  
San Pedro..... \$2.00 \$2.35 \$2.35

Larry Burror, Oak-  
land..... 2.40 2.70 2.90  
 A. O. Field, S. F..... 2.65 2.90 3.15  
 J. I. Dowdy, S. F..... 2.65 2.90 3.15

Smith & Foreman,  
Berkeley..... 2.65 2.90 3.15

Charles W. Bughule,  
Millbrae..... 2.65 2.90 3.15

H. Simon, S. F..... 2.65 2.90 3.15

United Draying Truck  
Service, L. A..... 2.65 2.90 3.15

Hanson & Jones,  
Pasadena..... 2.65 2.90 3.15

C. V. Clark, Jr.,  
Hollywood..... 2.65 2.90 3.15

Neade & O'Brien, San  
Francisco..... 2.65 2.90 3.15

C. E. Huls, Merced..... 2.65 2.90 3.15

Volpa Bros., Fresno..... 2.65 2.90 3.15

Rock & Gravel Truck-  
ing Co., Oakland..... 2.65 2.90 3.15

M. George & A. Bin..... 2.90 3.00 3.15

Daniel Gallagher..... 2.90 3.15 3.15

H. Springer, S. F..... 3.78 3.78 3.78

**CONTRACT AWARDED**

**SACRAMENTO, Calif.**—Western  
Machinery Co., P. O. Box 769, Sacra-  
mento, at \$372 was awarded contract  
by the U. S. Engineer Office, Col.  
L. B. Chambers, District Engineer.

Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-122, for furnishing and operating for 300 hrs. one portable air compressor for use near and at the Narrows Dam Site.

**CONTRACT AWARDED**

**PICOCHE**, Lincoln Co., Nev.—Austin - Western Road Michy. Co. was awarded the contract by the Lincoln County Board of County Commissioners for furnishing one heavy duty motor grader with gas motor.

**LOW BIDDERS**

**VISALIA**, Tulare Co., Cal.—Incan-descent Supply Co., 726 Mission St., San Francisco, at \$1955.69, submitted low bid to the Visalia City Council, Ann Lowell, City Clerk, for traffic signal equipment in Visalia.

General Electric Co., San Francisco, at \$1414.26, submitted second low bid. \* 25

**BIDS OPENED**

**SAUSALITO**, Marin Co., Calif.—The Gamewell Co., 7 Front Street, San Francisco, at \$841.19, submitted low bid to the Sausalito City Council, W. Z. Tiffany, City Clerk, City Hall, for furnishing the following equipment and apparatus:

- One 1½-in. compressed air horn;
- One 1½-in. electrically operated pneumatically powered valve;
- One test clock for automatically testing fire alarm system;
- One non-interfering and successive code signalling transmitter.

Federal Electric Co., San Francisco, at \$850, submitted only other bid.

**26— RAILROADS**

**CONTRACT AWARDED**

**BAKERSFIELD**, Kern Co., Cal.—Wintroath Pumps, Ltd., 401 19th St., Bakersfield, at \$2,008.50 was awarded contract by the Kern County Union High School District, C. F. Moore, Clerk, 1341 F St., Bakersfield, for furnishing and installing turbine type pump and motor for use at the proposed East Bakersfield High School.

Total bids follow:

Wintroath Pumps Ltd.....	\$2,008.50
Kern Supply (Johnson pump).....	2,008.50
Layne & Bowler Co.....	2,008.50
Peerless Pumps.....	2,008.50
Victor Equipment (Kimball & Krogh Pump Co.).....	2,008.50
Byron Jackson Co. (regular).....	2,008.50
(submersible).....	2,092.50
Pomona Pump Co.....	2,011.50

26

**29— STREETS AND HIGHWAYS**

**LOW BIDDER**

**TUCSON**, Pima Co., Ariz.—Tanner Constr. Co., 801 Security Bldg., Phoenix, at \$85,882.90, submitted low bid to the Tucson City Council for the improvement of streets in the First St. and Seventh Ave. District Paving Improvement, FWA Docket No. ARS 1038-D, in accordance with plans prepared by Geo. W. Seelye, city engineer. Estimated cost, \$114,900.10.

**CONTRACT AWARDED**

**SNOHOMISH CO., Wash.**—Daily Construction & Engineering Co., Seattle, Wash., at \$53,281.85, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for approximately 0.356 mi. grading and 1212 sq. ft. advance clearing and preparation railroad grade on the South Fork Skamokawa Highway. Advance Clearing and Grading Project 7-D1, E, F, National Forest Road Project, Mt. Baker National Forest, Snohomish Co., Wash.

**LOW BIDDER**

**SACRAMENTO**, Cal.—Lord & Blahop, Native Sons Bldg., Sacramento, at \$7,196, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District 111, 703 B Street, Marysville, for re-decking with portland cement concrete and plant-mixed surfacing the existing bridge across Cosumnes River near Live Oak, Sacramento Co., Calif.

Work involves:

- (1) One lot existing bridge decking to be removed and disposed of;
- (2) 46 tons mineral aggregate in place (plant-mixed surfacing);
- (3) 2.5 tons liq. asph., SC-3 or SC-4, in place (plant-mixed surfacing);
- (4) 600 sq. yds. asph. paint binder, in place;
- (5) 4.0 tons stone screenings, in place (seal coat);
- (6) 0.5 ton liquid asphalt, MC-3, in place (seal coat);
- (7) 19,000 lbs. bar reinf. steel, in place;
- (8) 18 c.y. class A portland cement concrete, in place;
- (9) 22,000 lbs. structural steel, in place;
- (10) 610 lf. timber wheel guard, in place;
- (11) 250 lf. temporary railing;
- (12) One lot existing flume work;
- (13) One lot misc. items of work.

Complete bids will be published shortly.

**CONTRACT AWARDED**

**SANTA CRUZ**, Santa Cruz Co., Cal.—Leo Cardwell Const. Co., 530 Pacific Ave., Santa Cruz, at \$17,664.52 submitted low bid and awarded contract by Santa Cruz City Council, R. W. Fowler, City Engineer, City Hall, Santa Cruz, for the paving of Walnut Ave. between Mission and Chestnut Sts., Santa Cruz.

Work involves:

- (1) 67,855 sq. ft. of grading to sub-grade;
- (2) 67,855 sq. ft. portland cement concrete pavement in place;
- (3) 2,695 lf. do concrete curbs, in place;
- (4) 2,109 sq. ft. do concrete sidewalk
- (5) 1,110 sq. ft. concrete driveway;
- (6) 1,452 sq. ft. natural rock asphalt sidewalk;
- (7) 23 water services to be extended and re-set all meter boxes, meters, curb stop cock complete;
- (8) 6 sanitary sewer laterals to be extended, and re-set all hand hold traps complete;
- (9) 33 lf. portland cement concrete drain pipe, in place;
- (10) 4 each, do trap basins, type No. 3, complete.

Total bids follow:

- (A) Leo Cardwell Const. Co., 530 Pacific Ave., Santa Cruz, \$17,664.52
- (B) Granite Const. Co., Ltd., Watsonville, \$18,152.70.
- (C) Piazza & Huntley, San Jose, \$18,556.10.
- (D) Palo Alto Road Materials Co., Palo Alto, \$19,218.01.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ .03	\$ .02	\$ .032	\$ .025
(2).....	196	21	205	22
(3).....	10	17	50	50
(4).....	20	20	16	20
(5).....	10	12	19	22
(6).....	10	15	14	12
(7).....	3.10	5.00	5.50	5.00
(8).....	10.00	5.00	5.50	15.00
(9).....	1.00	1.00	1.75	1.00
(10).....	75.00	50.00	40.00	50.00

**CONTRACT AWARDED**

**KLAMATH CO., Ore.**—E. L. Gates, Multnomah Hotel, Portland, Ore., at \$156,535.30, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New

Post Office Building, Portland, Ore., for constructing or improving 3.310 mi. Crater Lake National Park, Rim Road, Project 7-E2 Grading and 7-D1, D2, E1, E2 Bituminous Treatment, National Park Road Project, Crater Lake National Park, Klamath County, Oregon. \* 29

**BIDS OPENED**

**REDWOOD CITY**, Calif.—Granite Construction Co., Ltd., Bin No. 9, Watsonville, at \$0.0615 (Item 1) and \$0.059 (Item 2), submitted low bid to the Redwood City City Council, City Hall, Redwood City, for resurfacing 200,800 sq. ft. Harbor Blvd.

- Bids were taken on:
- (1) To start work immediately;
- (2) To start work April 1st, 1938.

Total bids follow:

- Granite Const. Co., Bin No. 9, Watsonville—(1) \$0.0615, (2) \$0.059.
- Palo Alto Road Materials Co.—(1) \$0.0625, (2) \$0.0625.
- George French, Jr., Stockton—(1) \$0.0675, (2) .....
- Total bids follow: (1) \$0.0675, Berkeley—(1) \$0.0685, (2) \$0.0685.
- W. O. Tyson, Redwood City—(1) \$0.071, (2) \$0.069.

M.J.E. Construction Co., Stockton—(1) \$0.074, (2) \$0.071.

The Fry Improvement Co., San Francisco—\$0.0765, (2) \$0.0765. \* 29

**LOW BIDDER**

**LOS ANGELES COUNTY**, Calif.—J. E. Hardock, Ltd., 357 N. Division Avenue, Pasadena, at \$67,018.80 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bdg., Los Angeles, for 1.2 miles grading and paving with portland cement concrete and plant-mixed surfacing between Valley Blvd. and Las Tunas Drive, Los Angeles County. 29

**BIDS WANTED**

State of Washington—Until Nov. 30, 10-30 A. M., bids will be received by the Washington State Highway Department, Lacey V. Murrow, Director of Highways, Olympia, Washington, for bridge and highway construction as follows:

Pierce County—Paving with Portland cement concrete and constructing a treated pile and timber bridge on portion of City streets, Hylebos Bridge Approaches, Tacoma, U. S. Public Works Project Wash. 1220-DS, Unit I.

Wahkiakum County—Construction of 3 concrete piers and bridge over Columbia River on county road, Puget Island Bridge Piers, U. S. Public Works Proj. Wash. 8195-DS, unit I. Lewis County—Construction reinforced concrete bridge of Primary State Highway 5, Mill Creek Bridge, Federal Aid 131-A.

Klickitat County—Clearing, grading, draining and constructing reinforced concrete slab bridge on .08 miles of Primary State Highway 5, Klickitat County, vicinity U. S. Work Project No. WPA 134-E, Lewis County.

Wahkiakum County—Clearing, grading, draining, surfacing, stockpiling mineral aggregates, oil rock and construction treated pile and timber trestle on 2 miles of Primary State Hwy. 12, Skamokawa West, FAP 208-E.

Wahkiakum County—Construction steel bridge with concrete approaches and 3 treated pile and timber trestles on Primary State Highway 12, Clabe Mountain at Grays River Bridges, FAP 208-C, Unit I.

Pacific County—Paving with Portland cement concrete and widening 4 concrete bridges on 2 miles of Primary State Highway 12, Clabe to Cravers Crossing, FAP 131-F.

King County—Construction, steel bridge with concrete approach spans

on Primary State Highway 13. Skykomish River Bridge near Skykomish, FAP 189-F, Unit 2.

Okanogan County: Clearing, grading, draining and surfacing on two miles of Primary State Highway 16, Methow vicinity, Sec. 4, FAP 195-E.

Yakima County: Clearing, grading, draining, surfacing and constructing timber trestle and timber trestle on 4 1/2 miles of Secondary State Highway 3-C, West Wapato Road to junction of Secondary State Highway 3-A, FAS16-A and FLP 8.

Ferry County: Clearing, grading, draining, surfacing and stockpiling mineral aggregate at oil rock on abt. 1.3 mi. of Secondary State Highway 4-A, Republic to O'Brien Creek, FAS 237-B.

Pierce County: Drilling four test holes in bottom of channel of that portion of Puget Sound known as the Narrows at the site of the proposed Narrows Bridge in vicinity of Tacoma, State Project.

Plans and specifications may be obtained from the above office upon deposit of \$2.00. • 29

#### COMPLETE BIDS

INYO CO., CAL.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at \$4,435.90, submitted low bid to the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, California, for 0.7 mile grading and applying penetration oil treatment between 16.5 and 17.2 miles southeast of Keeler, Inyo County.

Work involves:

- (1) 7200 c.y. roadway excav., without classification;
- (2) 3630 sta. yds. overhaul;
- (3) 45 c.y. struc. excav.;
- (4) 35 stas. finishing roadway;
- (5) 32 tons liq. asph., SC-2, in place (penetration oil treatment);
- (6) 84 lf. 18-in. CMP;
- (7) 48 lf. 24-in. CMP;
- (8) 6 culvert markers, in place;
- (9) 8 monuments, in place.

State will furnish CMP.

Total bids follow:

(A) A. S. Vinnell Co., 969 Amalia Ave., L. A. ....	\$4,435.90
(B) Basch Bros., Torrance 4,704.50	
(C) T. G. Smith .....	6,136.90
(D) Rexroth & Rexroth, Bakersfield .....	7,086.60

Unit bids follow:	(A)	(B)	(C)	(D)
(1)	\$0.39	\$0.48	\$0.75	\$0.32
(2)	.02	.01	.01	.02
(3)	1.50	1.50	1.00	2.00
(4)	15.00	15.00	4.00	10.00
(5)	25.00	11.00	13.00	15.00
(6)	.70	1.50	.40	1.00
(7)	1.00	1.50	.50	1.00
(8)	4.00	5.00	3.00	3.00
(9)	4.00	5.00	3.00	5.00

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#### CONTRACT AWARDED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$7,485, submitted low bid and was awarded contract by the South San Francisco City Council for the improvement of Linden Ave.

Work involves:

- (1) 95,000 sq. ft. scarifying of the existing surface which is to be filled;
- (2) 2,300 cu. yd. of quarry run rock filling material;
- (3) 135,000 sq. ft. of spreading and compaction of fill;
- (4) 500 cu. yd. of crusher run base pavement;
- (5) 54,000 sq. ft. of armor coat wearing surface;
- (6) 50,000 sq. ft. of oiling of shoulders;
- (7) 4 catch basins to be raised;
- (8) 150 cu. yd. filling of existing bridge.

Total bids follow:

(A) Union Paving Co., 212 Babcock Bldg., S. F. ....	\$7,485.00
(B) Pacific States Constr. Co., San Francisco .....	7,898.50
(C) W. O. Tyson, Redwood City .....	8,108.50
(D) Chas. L. Harney, S. F. ....	8,984.00
(E) The Fay Improvement Co., San Francisco .....	9,158.50

Unit prices follow:	(A)	(B)	(C)	(D)	(E)
(1)	\$0.004	\$0.004	\$0.002	\$0.01	\$0.01
(2)	.80	.77	.95	1.26	1.09
(3)	.01	.014	.0035	.009	.0125
(4)	3.50	2.95	5.40	3.40	3.20
(5)	.03	.031	.034	.03	.03
(6)	.01	.0065	.005	.005	.01
(7)	25.00	23.50	20.00	25.00	20.00
(8)	1.50	1.75	2.00	.70	.70

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#### CORRECTION

ORANGE COUNTY, Cal.—As previously reported until December 2nd, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures, excavating ditches and grading 2.4 miles of road approaches and apply penetration oil treatment thereto, between Water Point and the north arm of Newport Bay, Orange County.

Work involves:

- (1) 100 m. gals. water;
- (2) 4,500 cu. yd. rdwy. excav., unclass.;
- (3) 1,000 sta. yds. overhaul;
- (4) 4,600 cu. yd. struc. excav.;
- (5) 30 cu. yd. remove existing concrete;
- (6) finishing rdwy.;
- (7) 25 tons mineral aggregate, plant mix surf.;
- (8) 2 tons of liquid asphalt, ROMC-4 or ROMC-5, plant mix surf.;
- (9) 10 tons of liquid asphalt, SC-1A penetration oil treatment;
- (10) 5 tons liquid asphalt 90-95 seal coat;
- (11) 35 tons screenings, seal coat;
- (12) 25,000 lbs. bar reinf. steel;
- (13) 20 cu. yd. Class A Portland cement conc. pavement;
- (14) 25 cu. yd. do, struc.;
- (15) 3,000 lbs. steel rail assemblies;
- (16) 9,000 lbs. misc. iron and steel;
- (17) 170 lf. 3/4-in. steel wire cable;
- (18) 15 MFBM select all heart struc. Redwood timber;
- (19) 240 lf. 24-in. stand. reinf. conc. do;
- (20) 1,520 lf. 36-in. do;
- (21) 140 lf. 8-in. CMP;
- (22) 150 lf. 18-in. CMP;
- (23) 170 lf. 24-in. CMP;
- (24) 80 lf. laminated guard railing;
- (25) 4,000 sq. ft. 48-in. wire hardware cloth;
- (26) 3 each inlet trash racks;
- (27) 500 lf. pipe and wire chok dams
- (28) 6 each culvert markers.

The State will furnish CMP, band couplers, elbows and taper inlet. Item 26 previously reported incorrectly.

Plans and specifications may be obtained from the above office.

#### BIDS OPENED

INYO CO., CAL.—A. S. Vinnell Co., 969 Amalia Ave., Los Angeles, at \$4,435.90, submitted low bid to the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, California, for 0.7 mile grading and applying penetration oil treatment between 16.5 and 17.2 mi. southeast of Keeler, Inyo County.

Work involves:

- (1) 7200 cu. yd. roadway excav., without classification;
- (2) 3630 sta. yds. overhaul;
- (3) 45 cu. yd. struc. excav.;
- (4) 32 tons liq. asph., SC-2, in place (penetration oil treatment);
- (5) 84 lf. 18-in. CMP;
- (6) 48 lf. 24-in. CMP;
- (7) 6 culvert markers, in place;

(8) 8 monuments, in place. State will furnish CMP. Total bids follow:

A. S. Vinnell Co., 969 Amalia Ave., Los Angeles .....	\$4,435.90
Basch Bros., Torrance .....	4,724.80
T. G. Smith .....	6,136.90
Rexroth & Rexroth, Bakersfield .....	7,086.60

#### BIDS WANTED

SHASTA COUNTY, Cal.—As previously reported, until December 1, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of an upgrade crossing under the tracks of the Southern Pacific Railroad and grading and paving with Portland cement concrete and crusher run base and mud-mix surfacing about seventy-nine hundredths mile of roadway about one mile south of Redding, Shasta County.

Work involves:

- (1) 500 cu. yd. existing concrete abutments and wings removed and disposed of;
- (2) Existing steel superstructures removed and disposed of;
- (3) 1,250 cu. yd. exist. conc. pavement removed and disposed of;
- (4) 470 lf. gallons water;
- (5) 48,000 cu. yd. rdwy. excav., unclass.;
- (6) 6,500 cu. yd. struc. excav.;
- (7) 225 cu. yd. ditch and channel excavation;
- (8) 10,000 cu. yd. import. subgrade material;
- (9) 84,000 sta. yds. overhaul;
- (10) 14,400 sq. yds. subgrade for pavement;
- (11) 80 sta. finishing roadway;
- (12) 1,450 cu. yd. crusher run base;
- (13) 20 tons liq. asph., ROMC-3 or ROMC-4, prime coat;
- (14) 1,300 cu. yd. mineral agg., road-mix surf.;
- (15) 75 tons liq. asph., ROMC-3 or ROMC-4, road-mix surf.;
- (16) 400 sq. yds. asph. paint binder;
- (17) 13 tons liq. asph., ROMC-3 or ROMC-4, seal coat;
- (18) 95 cu. yd. sand, seal coat;
- (19) 2,851 cu. yd. Class A portland cement concrete pavement;
- (20) 5,320 each. pavement dowels;
- (21) 138,000 lbs. bar reinf. steel pave. and struc.;
- (22) 1,350 cu. yd. Class A portland cement concrete struc.;
- (23) 365,000 lbs. cast steel;
- (24) 16,000 lbs. wrought iron plate;
- (25) 67,000 lbs. wrought iron plate;
- (26) 7 each, stand. cast steel drop inlet frames and covers;
- (27) 6 each, special do;
- (28) 882 lf. 18-in. stand. reinf. conc. pipe;
- (29) 1,515 lf. 24-in. do;
- (30) 75 lf. 12-in. CMP;
- (31) 218 lf. 18-in. CMP;
- (32) 18 lf. 18-in. CMP siphon;
- (33) 46 lf. 36-in. CMP;
- (34) 1 each, 18-in. conc. and CMP joint;
- (35) 1,530 lf. 8-in. perf. metal pipe;
- (36) 250 cu. yd. soil filling material;
- (37) 208 lf. existing pipe culverts, remove, clean and relay;
- (38) 626 lf. existing pipe culverts, removed cleaned and salvaged;
- (39) 484 cu. yd. of Class A portland cement concrete curbs, gutters & sidewalks;
- (40) 8 each, culvert markers;
- (41) 24 cu. yd. protective covering;
- (42) 29 each, monuments;
- (43) 37 lf. 1-inch galv. iron pipe;
- (44) 75 lf. 3-in. stand. galv. pipe;
- (45) 2,130 lf. 4-in. welded steel pipe;
- (46) 2 each, cast steel drop inlet frames and covers, removed and salvaged;
- (47) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. • 29



**BIDS WANTED**

**SANTA CRUZ & SANTA CLARA COS., Calif.**—Until Dec. 8, 2:00 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with road-base surfacing on crusher run base about 6.5 miles between Inspiration Point and Los Gatos, Santa Cruz and Santa Clara Counties, Calif.

- Work involves:
- (1) 127 acres clear and grub.;
  - (2) 19,000 M. gals. water;
  - (3) 350 c.y. remove concrete;
  - (4) 2,183,000 cu. roadway excav., without class;
  - (5) 2,500 c.y. ditch excav.;
  - (6) 12,500 cu. struc. excav.;
  - (7) 1,600 cu. selected top soil;
  - (8) 32,000,000 sta. yds. overhaul;
  - (9) 33 sta. finishing roadway;
  - (10) 15,500 tons crusher rock base;
  - (11) 340 tons liq. asph., SC-1A, prime coat and penetration treatment;
  - (12) 31,500 tons min. aggregate, road-mix surf.;
  - (13) 1,800 tons liq. asph., ROMC-3 or ROMC-4, road-mix surf.;
  - (14) 200 tons liq. asph., MC-3, seal coat;
  - (15) 50 tons liq. asph., SC-2, penetration treatment;
  - (16) 1,850 tons screenings, penetration treatment and seal coat;
  - (17) 950 lbs. bar. reinf. steel;
  - (18) 2,600 cu. class "A" portland cement concrete struc.;
  - (19) 1,285 cu. crushed rock foundation mats;
  - (20) 3 MFBM select, all-heart, struc. Redwood timber;
  - (21) 70 cu. y. rubble masonry;
  - (22) 3,000 lf. 8-in. CMP, 16-gauge;
  - (23) 85 lf. 12-in. CMP, 16-gauge;
  - (24) 4,200 lf. 18-in. CMP, 16-gauge;
  - (25) 164 lf. 18-in. CMP, 16-gauge siphon;
  - (26) 160 lf. 18-in. CMP, 14-gauge, double rivetted;
  - (27) 1,550 lf. 24-in. CMP, 14-gauge;
  - (28) 2,750 lf. 24-in. CMP, 12-gauge, double rivetted;
  - (29) 90 lf. 30-in. CMP, 12-gauge;
  - (30) 380 lf. 30-in. CMP, 10-gauge, double rivetted;
  - (31) 186 lf. 36-in. CMP, 12-gauge;
  - (32) 950 lf. 36-in. CMP, 10-gauge, double rivetted;
  - (33) 14,000 lf. 6-in. perf. metal pipe underdrain;
  - (34) 2,400 cu. y. rock filling material perf. metal pipe underdrains;
  - (35) 100 lf. clean and salvage existing CMP culverts;
  - (36) 100 each, spillyway assemblies;
  - (37) 500 lf. laminated guard railing;
  - (38) 120 each, culvert markers;
  - (39) 360 each, guide posts;
  - (40) 14 mi. type "A" property fence;
  - (41) 90 mi. type "B" property fence;
  - (42) 25 each, drive gates;
  - (43) 3,000 sq. ft. paved gutter;
  - (44) 325 each, monuments.

Plans and specifications may be obtained from the above office. \* 29

**CONTRACT AWARDED**

**SAN FRANCISCO.** — The Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at \$20,635, was awarded contract by the San Francisco Department of Public Works, Room 251, City Hall, under Bid No. S-19031 for the reconstruction of Section "C" of Ocean Avenue, between Pinehurst Way and Junipero Serra Blvd. Estimated cost, \$25,300. \* 29

**CONTRACT AWARDED**

**SAN JOSE, Santa Clara Co., Calif.** — A. J. Raiser, 358 Lincoln Ave., San Jose, at \$1,325.40, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of a portion of St. James Street between the easterly

line of Twenty-fifth Street and the westerly line of Twenty-sixth Street, San Jose.

- Work involves:
- (1) 8,602 sq. ft. pavement;
  - (2) 54 lf. 4-in. vitrified pipe (sewer laterals).
- Total bids follow:
- |                                                     |            |
|-----------------------------------------------------|------------|
| (A) J. J. Raiser, 358 Lincoln Ave., San Jose, ..... | \$1,325.40 |
| (B) Union Paving Co., San Francisco, .....          | 1,330.80   |
- Unit prices follow:
- |           |                  |
|-----------|------------------|
| (A)       | (B)              |
| (1) ..... | \$0.15    \$0.15 |
| (2) ..... | .65        .75   |

Plans and specifications may be obtained from the above office. \* 29

**LOW BIDDER**

**TUCSON, Pima Co., Ariz.**—Towhite & Miller, at \$134,210.49, submitted low bid to the Tucson City Council for improvement of streets in the Second St. and Cherry Ave. District Paving Improvement, Docket No. Ariz. 1035-DS, in accordance with plans prepared by George W. Seelye, city engineer. Estimated cost, \$187,757.34

**LOW BIDDER**

**COCONINO CO., Ariz.**—Lee Moor, Bassett Tower Bldg., Texas, at \$85,620, submitted low bid to the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for subgrading roadway, refinishing slopes, placing aggregate base course and asphaltic surface treatment from Navajo Bridge near Lee's Ferry south 20 mi., Flagstaff-Fredonia Highway, F.L. 4-E (1938), AFE 8975.

- Work involves:
- (1) 199 miles subgrading roadway and refinishing slopes;
  - (2) 70,700 tons coarse aggregate base course;
  - (3) 30,000 tons fine aggregate base course;
  - (4) 1470 M gals. sprinkling;
  - (5) 900 hours rolling;
  - (6) 219,100 gals. road oil, SC-2;
  - (7) 1460 tons blotter material (pit run).

Plans and specifications may be obtained from the above office. \* 29

**BIDS WANTED**

**INYO CO., Cal.**—Until Dec. 8, 2:00 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with road-mix surfacing 2 miles between 1.5 miles west of Bishop and Bishop, Inyo County, Cal.

- Work involves:
- (1) 275 M gals. water;
  - (2) 2,000 cu. roadway excav., without class;
  - (3) 520 cu. y. struc. excav.;
  - (4) 415 cu. y. ditch and channel excavation.

- (5) 1,240 sta. yds. overhaul;
- (6) 9,000 cu. y. imported borrow;
- (7) 5 cu. y. remove concrete;
- (8) 106 sta. finishing roadway;
- (9) 25 tons liq. a. ph. SC-2, prime coat
- (10) 1,930 cu. y. min. aggregate surf.;
- (11) 190 tons liq. a. ph. SC-3, surf.;
- (12) 20 tons liq. asph., MC-3, seal coat;
- (13) 125 tons sand, seal coat;
- (14) 1,150 lb. bar. reinf. steel;
- (15) 3,950 lbs. wire mesh and steel;
- (16) 9 cu. y. class "A" portland cement concrete struc.;
- (17) 972 lf. 18-in. CMP;
- (18) 52 lf. 24-in. CMP;
- (19) 256 lf. exist. CMP, remove, clean and relay;

- (20) 40 lf. exist. CMP, remove, clean and salvage;
  - (21) 100 each, culvert markers;
  - (22) 60 lf. exist. guard railing, move and reset;
  - (23) 0.25 mi. exist. property fence, move and reset.
- The State will furnish C.M.P., etc.

Plans and specifications may be obtained from the above office. \* 29

**LOW BIDDER**

**TUCSON, Pima Co., Ariz.**—White & Miller, Box 350, Tucson, at \$52,095.73, submitted low bid to the Tucson city council for the improvement of streets in the Southwest District Paving Improvement, PWA Docket No. Ariz. 1046-DS, in accordance with plans prepared by Geo. W. Seelye, city engineer. Estimated cost, \$72,849.20.

**LOW BIDDER**

**LANE CO., Ore.**—Sam Orino, Bonneville, Ore., at \$122,250, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing or improving approximately 0.248 mi. of the Willamette Highway Tunnel and Approach Grading, Project 21-J2-K1, Oregon National Forest Road Project, Willamette National Forest, Lane County, Oregon. \* 29

**BIDS WANTED**

**INYO CO., Cal.**—Until Dec. 8, 2:00 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying penetration oil treatment to about 2.9 miles between 475 miles east of Panamint Sink and Death Valley National Monument, Inyo County.

- Work involves:
- (1) 41,100 cu. y. roadway excav., without class;
  - (2) 39,100 sta. yds. overhaul;
  - (3) 60 cu. y. struc. excav.;
  - (4) 155 sta. finishing roadway;
  - (5) 105 tons liq. asph., SC-2, penetration oil treatment;
  - (6) 150 lf. 18-in. CMP;
  - (7) 10 each, culvert markers;
  - (8) 122 each, guide posts;
  - (9) 56 each, monuments.
- The State will furnish C.M.P. and hand couplers.

Plans and specifications may be obtained from the above office. \* 29

**CONTRACT AWARDED**

**SAN JOSE, Santa Clara Co., Calif.** — A. J. Raiser, 358 Lincoln Ave., San Jose, at \$2,989.60, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, City Hall, San Jose, for the improvement of Seymour Street, between the easterly line of Vendome Avenue and the westerly line of Anita Street.

- Work involves:
- (1) 12,800 sq. ft. paving asphalt top crusher run base;
  - (2) 1,900 sq. ft. portland cement gutter;
  - (3) 860 lf. curb;
  - (4) 3,600 sq. ft. sidewalk;
  - (5) 11 lf. 4-in. vitrified pipe (sewer laterals).

Total bids follow:

(A) A. J. Raiser, 358 Lincoln Ave., San Jose, \$2,989.60	
(B) Union Paving Co., San Francisco, \$3,312.00.	

Unit prices follow:

(A)	(B)
(1) .....	\$0.125    \$0.155
(2) .....	20        .22
(3) .....	.50        .40
(4) .....	16        16
(5) .....	.65        .75

Plans and specifications may be obtained from the above office. \* 29

**BIDS WANTED**

**GONNARD CONTRACT CO., Cal.**—Until Nov. 23 8:15 p.m., bids will be received by O'NEILL & CO. CLERK, FRED B. POTTIS, for regrading and paving between 2nd St. and Palm Drive, a length of 175.83 ft. with a 20' wide curb and 1500 ton curbing type 1, 2 and 3 medium curbing type.

(2) 9346 sq. yds. prime coat (to be spread at rate of  $\frac{3}{4}$  gal. per sq. yd.)

#### ADDITIONAL WORK

- (a) 500 tons plant-mixed surf. (medium curing type);  
 (b) 3000 sq. yds. prime coat.  
 Certified or cashier's check, 10% must accompany bid. Plans and specifications available from E. O. Imus, city engineer 29

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 1, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19092, for widening of Second Street between Brannan and Townsend Sts., San Francisco. Estimated cost, \$4,945.00.

#### Work involves:

- (1) 3250 sq. ft. 8-in. class E 5-sack concrete pavement parking lane;
- (2) 2500 sq. ft. basal blocks removed and reset;
- (3) 10 tons asphaltic concrete conform pavement and sidewalk;
- (4) 150 lf. stone curb redressed and reset;
- (5) 325 lf. new granite curb, tangent, in place;
- (6) 40 lf. new granite curb, circular, in place;
- (7) 1 brick catchbasin, complete;
- (8) 3 brick catchbasins relocated and reconstructed;
- (9) 15 lf. 10-in. V.C.P. culvert, in place;
- (10) 1 street sign reset;
- (11) 1 low pressure fire hydrant moved;
- (12) 2 high pressure fire hydrants moved;
- (13) 1050 lb. new cast iron pipe and specials;
- (14) 170 lbs. lead;
- (15) 12 c.y. excav. for high pressure pipe;
- (16) 350 lb. wrought iron bolts, nuts and washers;
- (17) 1 fire alarm box relocated;
- (18) 2400 sq. ft. two-course concrete sidewalk;
- (19) 1160 lf.  $1\frac{1}{2}$ -in. black conduit.

Plans and specifications may be obtained from the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10. \* 29

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 1, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19096, for the reconstruction of Harrison Street between Polson and Harrison Streets, San Francisco. Estimated cost, \$9,100.00.

#### Work involves:

- (1) 2 brick manholes, using existing castings;
- (2) 3 catchbasins reset or reconstructed;
- (3) 1 brick catchbasin, complete;
- (4) 30 lf. 10-in. V.C.P. culvert, in place;
- (5) 280 lf. 8-in. V.C.P. sidesewers, in place;
- (6) 525 lf. 12-in. V.C.P. sewer, in place;
- (7) 29 12-in. x 8-in. V.C.P. wye branches, in place;
- (8) 1125 lf. unarmored concrete curb;
- (9) 2000 c.y. fill;
- (10) 14,900 sq. ft. asphaltic concrete rock sub-base pavement, consisting of a 6-in. compacted rock sub base, a 6-in. asphaltic concrete base, and a 2-in. asphaltic concrete wearing surface;
- (11) 6 tons asphaltic concrete conform pavement;
- (12) 185 sq. ft. 8-in. class E 5-sack concrete pavement parking lane;
- (13) 100 sq. ft. two-course concrete sidewalk;
- (14) 530 lf.  $1\frac{1}{2}$ -in. black enameled conduit installed;

(15) 1 pull box, complete.

Plans and specifications may be obtained at the office of the City Engineer, John J. Casey, Room 351, City Hall, upon deposit of \$10. \* 29

#### CONTRACT AWARDED

**TUCSON, Pima Co., Ariz.**—White & Miller, P. O. Box 2350, Tucson, at \$134,210.49, awarded contract by the Tucson City Council for improvement of streets in the Second Street and Cherry Ave. District Paving Improvement, District No. Arizona 1025-DS, in accordance with plans prepared by Geo. W. Seeley, city engineer. Estimated cost, \$187,737.34. \* 29

#### CONTRACT AWARDED

**TUCSON, Pima Co., Ariz.**—White & Miller, P. O. Box 2350, Tucson, at \$52,095.73 awarded contract by the Tucson City Council for improvement of streets in the Southwest District Paving Improvement, PWA Docket No. Arizona 1046-DC, in accordance with plans prepared by Geo. W. Seeley, city engineer. Est. cost, \$72,819.30. \* 29

#### CONTRACT AWARDED

**TUCSON, Pima Co., Ariz.**—Tanner Const. Co., 801 Security Bldg., Phoenix, at \$85,882.90 awarded contract by Tucson City Council for improvement of streets in the First St. and Seventh Ave. District Paving Improvement, PWA Docket No. Arizona 1028-DS, in accordance with plans

### LOS ANGELES—FENCING—(Metropolitan Water District)

**LOS ANGELES, Calif.**—Following are the complete bids submitted to the Metropolitan Water District, 306 West 3rd St., Los Angeles, for construction of approximately 812,400 lf. of woven wire fence and 215 gates along lined canal sections and at certain reservoirs and station grounds of the Colorado River Aqueduct, in Riverside and San Bernardino Cos., in accordance with Spec. No. 251.

An unofficial analysis of the bids indicates that the lowest combination of bids is Anchor Post Fence Co., San Francisco, on Schedules 1 and 2; and the Los Angeles Fencing Company on Schedules 3, 4 and 5. The bids have been referred to the engineers for analysis and report.

#### The schedules are:

- (1) Vidal to Iron Mtn., incl. Iron Mtn. reservoir, 376,000 lf., 108 gates;
- (2) Iron Mtn. to Hayfield, incl. Eagle Mtn. Reservoir, 307,800 lf., 90 gates;
- (3) Gene Wash, Cooper Basin and Hayfield reservoirs, 52,000 lf., 6 gates;
- (4) Cajalco reservoir, 72,000 lf., 5 gates;
- (5) Camino Station, 4,000 lf., 4 gates.

#### The items are:

**SCHEDULE 1**  
 Construction of fences and gates along lined canal between Vidal and Iron Mountain, and around Iron Mtn. reservoir.

- (1) 376,000 lf. of canal fence;
- (2) 61 10-ft. gates for canal fence;

prepared by Geo. W. Seeley, city engineer. Estimated cost, \$114,900.10

### 30—RESERVOIRS & DAMS

#### CONTRACT AWARDED

**MARYSVILLE, Yuba Co., Calif.**—Hemstreet and Bell, 501 11th Street, Marysville, at \$3,858, awarded contract by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Pro. 1105-3890, for enlarging and raising to grade approximately 1140 acres of the existing east levee of the Feather River, located along the Western Pacific Railroad between 6th and 9th Sts., Marysville.

#### BIDS OPENED

**LOS ANGELES.**—R. H. Travers, 414 Rowan Bldg., Los Angeles, at \$18,260, submitted the low bid to the Los Angeles County Supervisor for clearing and grubbing of San Gabriel No. 1 Reservoir within designated limits, consisting of the removal and disposal of trees, stumps, brush, etc. The items are:

- (1) 30 acres clearing and grubbing area No. 1;
- (2) 140 acres clearing and grubbing area No. 2;
- (3) 20 acres removal and disposal of dead trees, stumps and dead brush between elevations 1325 and 1320.

C. H. Howell, Chief Engineer, 751 S. Figueroa St.

The other bids were:  
 R. H. Travers, 414 Rowan Bldg.,

- (4) 47 4-ft. gates for canal fence;
- (5) 4 spillway crossings, type A;
- (6) 5 spillway crossings, type B;

#### SCHEDULE 2

- Construction of fences and gates along lined canal between Iron Mtn. reservoir, Hayfield, and around Eagle Mtn. reservoir.
- (6) 307,800 lf. of canal fence;
  - (7) 54 10-ft. gates for canal fence;
  - (8) 26 4-ft. gates for canal fence;
  - (9) 4 spillway crossings, type A;
  - (10) 7 spillway crossings, type B;

#### SCHEDULE 3

Construction of fences and gates at Gene Wash, Copper Basin, and Hayfield reservoirs.

- (11) 51,000 lf. of reservoir fence;
- (12) 1000 lf. of reservoir fence delivered but not erected;
- (13) 6 10-ft. gates for reservoir fence;
- (14) 200 lin. ft. additional length of posts;

#### SCHEDULE 4

- Construction of fences and gates at Cajalco Reservoir.
- (15) 70,000 lf. reservoir fence;
  - (16) 7 10-ft. gates for reservoir fence;
  - (17) 2600 lf. reservoir parapet fence;
  - (18) 200 lf. additional length of posts.

#### SCHEDULE 5

Construction of fences and gates at Camino Switching Station.

- (19) 4000 lf. reservoir fence;
- (20) 4 16-ft. gates for reservoir fence.

Complete bids follow:

#### SCHEDULE 1

	(1)	(2)	(3)	(4)	(5)	Total
Anchor Post Fence Co.	\$ 488	\$40 10	\$27 80	\$60 85		\$187,916.39
Pittsburgh Steel Co.	50173	46 48	3427	81 61	88 15	184,150.47
Floyd Shofner	545	48 00	32 00	100 00	100 00	210,532.00
Case Constr. Co.	545	50 00	34 50	85 00	85 00	210,611.50
Standard Fence Company	63	50 30	32 20	95 00	88 00	242,566.70
Deductions	1044 00	30 50	25 50			1099 00
Metropolitan Const. Co.	63	60 00	40 00	150 00	150 00	251,740.00
Elliott, Stroud-Seabrook	66	75 00	50 00	150 00	150 00	256,885.00
United Concrete Pipe Corp.	66	60 00	40 00	200 00	200 00	257,015.00
J. F. Shea Co., Inc.	72	75 00	60 00	115 00	110 00	279,430.00
V. R. Dennis Const. Co.	723	90 00	75 00	110 00	110 00	285,802.00
Broderick & Gordon	82	44 80	22 45	72 00	72 00	312,979.15
Morrison - Knudsen Co.	89	100 00	70 00	170 00	160 00	346,020.00
L. A. Fencing Co.—No bid.						

SCHEDULE 2

	(6)	(7)	(8)	(9)	(10)	Total
Pittsburgh Steel Co.	\$ 50963	\$46 48	\$34 27	\$87 59	\$87 61	\$161,540.00
Anchor Post Fence Co.	534	40 10	27 07	60 00	58 60	168,151.12
Case Const. Co.	335	50 00	34 50	85 00	85 00	169,550.00
Floyd Shofner	537	48 00	32 00	100 00	100 00	170,132.00
Standard Fence Co.	59	50 30	32 20	95 00	88 00	186,473.10
Deductions	862 50	27 00	18 00			
Metropolitan Const. Co.	65	60 00	40 00	150 00	150 00	206,400.00
Elliott, Stroud-Seabrook	62	75 00	50 00	150 00	150 00	207,590.00
United Concrete Pipe Corp.	66	75 00	40 00	200 00	200 00	210,588.00
J. F. Shea Co., Inc.	67	75 00	60 00	115 00	140 00	229,568.00
V. R. Dennis Const. Co.	72	90 00	72 00	110 00	110 00	234,279.10
Broderick & Gordon	733	44 50	22 45	72 60	72 60	256,422.00
Morrison - Kundsén Co.	89	100 00	70 00	170 00	160 00	283,662.00
L. A. Fencing Co.—No bid.						

SCHEDULE 3

	(11)	(12)	(13)	(14)	Total
Los Angeles Fencing Co.	50	\$ 40	\$60 00	\$ 30	\$26,320.00
Case Construction Co.	55	35	50 00	150	28,910.00
Floyd Shofner	582	45	48 00	50	30,520.00
Pittsburgh Steel Company	60218	2696	51 77	1764	31,326.68
Elliott, Stroud-Seabrook	68	45	75 00	50	229,568.00
V. R. Dennis Construction Co.	733	50	90 00	35	28,193.00
Standard Fence Company	75	3975	48 10	20	28,976.10
Deductions	131 00	3 50	3 00		
J. F. Shea Co., Inc.	78	35	75 00	40	40,660.00
Metropolitan Construction Co.	80	40	60 00	40	41,640.00
Morrison - Kundsén Co.	89	44	100 00	50	46,530.00
Anchor Post Fence Co.—No bid.					
Broderick & Gordon—No bid.					
United Concrete Pipe Corp.—No bid.					

SCHEDULE 4

	(15)	(16)	(17)	(18)	Total
Los Angeles Fencing Co.	\$ 48	\$60 00	\$ 30	\$ 30	\$34,800.00
Case Construction Co.	515	50 00	255	120	37,303.00
Floyd Shofner	553	48 00	47	50	30,368.00
Pittsburgh Steel Company	60955	51 78	29743	1764	43,587.56
V. R. Dennis Construction Co.	68	90 00	64	35	49,964.00
J. F. Shea Co., Inc.	70	75 00	24	40	50,229.00
Metropolitan Construction Co.	70	60 00	60	30	51,040.00
Elliott, Stroud-Seabrook	72	75 00	40	50	52,065.00
Standard Fence Company	75	48 10	375	20	53,871.00
Deductions	179 50	3 50			
Morrison - Kundsén Co.	89	100 00	52	50	64,452.00
Anchor Post Fence Co.—No bid.					
Broderick & Gordon—No bid.					
United Concrete Pipe Corp.—No bid.					

SCHEDULE 5

	(19)	(20)	Total
Los Angeles Fencing Co.	\$ 53	\$ 80 00	\$240.00
Pittsburgh Steel Company	60515	54 05	2638.80
Case Construction Co.	635	65 00	2800.00
Standard Fence Company	80	57 10	3428.40
Deductions	12 50	5 00	
Floyd Shofner	582	793	3572.00
Morrison - Kundsén Co.	89	95	4280.00
Elliott, Stroud-Seabrook	95	125 00	4300.00
J. F. Shea Co., Inc.	1 00	80 00	3320.00
Metropolitan Construction Co.	1 00	80 00	4320.00
V. R. Dennis Construction Co.	1 00	125 00	4500.00
Anchor Post Fence Co.—No bid.			
Broderick & Gordon—No bid.			
United Concrete Pipe Corp.—No bid.			

STIPULATIONS:

Anchor Post Fence Co.—No stipulations.

Pittsburgh Steel Co.—Prices in proposal, particularly in Schedules 3, 4 and 5 are based on anticipated award of Schedules 1 and 2 or 1 or 2. Will accept 1, 2, 3, 4 and 5 for a total of \$128,121.11, which is \$5000 less than the bid. Will accept 1 or 2 in combination with 3, 4 and 5, or 1 or 2 with any one or more schedules at prices as shown in proposal.

Los Angeles Fencing Co.—Deduct 2c lf. from items 11 and 12 for tubing posts; also similar deduction of 2c. from price of items 15, 17 and 19.

Case Const. Co.—Will not accept any individual schedule, but will accept 1, 2, 3 and 4. Will not accept Schedule 5 unless 1, 2, 3 and 4 are also awarded.

Floyd Schuffer—All or none.

Broderick & Gordon—Will not accept award for one schedule only. Alternate: if permitted to use alternate type posts, deduct \$2000.

Metropolitan Const. Co. Will accept not less than Schedules 1 and 2. Will accept any additional schedule at prices bid. For award of all schedules deduct 2% from all unit prices bid.

Standard Fence Co. Bidder suggests placing braces at top of post using 9-ft. post. Bid based on this type instead of 45-deg. angle as provided by specifications.

V. R. Dennis Const. Co. If not awarded Schedules 1 and 2, disregard bid on Sched. 3. If not awarded 3 or 4, disregard bid on 5.

J. F. Shea Co., Inc. Will not accept less than \$500.00 worth of work.

Elliott, Stroud-Seabrook Will accept all individual schedules. Will accept 1 and 5, 2 and 5, 3 and 1 and 5 with the addition of 2c. per ft. for items 11 to 15, inc. and item 19.

Morrison Kundsén Co. All or none.

United Concrete Pipe Corp. Will accept 1 and 2 together or separately.

Los Angeles—(1) \$94; (2) \$106; (3) \$30; total, \$18,260.

Cont'r. Emgrs. Co.—\$160, \$118, \$100, \$21,520.

C. G. Willis & Sons—\$160, \$120, \$30; \$22,200.

Crow Bros. Constr.—\$155, \$115, \$100; \$27,750.

Geo. J. Beck Co.—\$160, \$138, \$120; \$24,720.

Santo Tedesco — \$150, \$140, \$290; \$29,900.

P. D. Lawrence Co.—\$168 53, \$272 58, \$35 90; \$43,934.79.

Thomas McIlvenna—\$350, \$350, \$350; \$66,500.

BIDS WANTED

GRAND COULEE, Wash. — Until Dec. 10, 1 p.m. (time changed from 1:30 p.m.), bids will be received by the U. S. Bureau of Reclamation, Civic Building, Spokane, Wash., under Spec. No. 757, for the completion of the Grand Coulee Dam, left powerhouse, and foundation for pumping plant, Columbia Basin Project, located about 100 miles west of Spokane, Wash.

Work involves:

- (1) 83,000 c.y. of all classes of open-cut excav.
  - (2) 10,900 c.y. of tunnel and shaft excav.
  - (3) 1,000 c.y. of backfill;
  - (4) 18,000 c.y. of compacted fill;
  - (5) 3,000 c.y. of riprap;
  - (6) 1,500 sq. yds. of grouted paving;
  - (7) 5,800,500 c.y. of concrete;
  - (8) 170,000 c.y. of grouting;
  - (9) 21,000 sq. yds. of oil-treated rd. surfacing;
  - (10) 4,500 lf. of guard rails;
  - (11) Drilling 187,000 lf. of grout and drainage holes.
  - (12) Placing 50,000,000 lbs. of reinf. bars and fabric;
  - (13) Manufacturing and placing 131,000 linear feet of porous conc. drain tile;
  - (14) Installing 433,000 lf. of metal sealing strips in joints;
  - (15) Installing 1,400,000 lbs. of contraction-joint tubing and fittings;
  - (16) Installing 1,700,000 lbs. of tubing and fittings for concrete-cooling system;
  - (17) Dismantling and installing 2,000,000 lf. of cooling headers and fittings;
  - (18) Installing 50,125,000 lbs. of gates and appurtenances;
  - (19) Installing 2,250,000 lbs. of penstock and pump inlet pipes;
  - (20) Installing 32,137,000 lbs. of misc. metalwork;
  - (21) Installing 3,330,000 lbs. of metal tubing, pipe and fittings;
  - (22) Installing 110,000 lf. of electrical conduit; and
  - (23) Installing 146,000 lbs. of electrical conductor and ground wires.
- Plans and specifications may be obtained from the above office.

31—PIPE LINES & WELLS

APPROVED

LA MESA, San Diego Co., Calif.— Voters in the La Mesa-Lemon Grove and Spring Valley Tractition District have approved by a vote of 25 to 13 a contract between the district and the PWA for replacing of water mains in La Mesa-Lemon Grove and El Cajon District voters previously approved a \$145,000 bond issue as the district's part of the financing. A PWA project of \$145,000 has been approved by the voters and probably started in the fall. — 31

CONTRACT AWARDED

COWLEY, 450 W. 4th, Parkersburg, W. Va., has been awarded a contract by the U. S. Engineering Office, 206 1/2 Grand Ave., Portland, Ore., under bid No. 698-38-124,

for the installation of a valve and pump discharge line for Pumping Plant No. 2, and the removal of an existing pump discharge line and replacement of two new discharge lines at Pumping Plant No. 1, situated in the Diking District No. 5, Cowlitz County, Wash. Estimated cost, \$12,597.99. \* 31

#### BIDS WANTED

**TEHACHAPI.** Kern Co., Cal.—Until Nov. 27, 1 P. M., bids will be received by the town of Tehachapi, at the office of the city clerk, W. L. Woods, City Hall, for the construction of sanitary sewer system and disposal plant at Tehachapi. PWA Calif. 1624-DS, in accordance with plans and specifications prepared by the engineers, Koebig & Koebig, 821 Rowan Bldg., Los Angeles, copies of which may be obtained upon deposit of \$25 per set, returnable. Certified or cashier's check or bid bond for 5% must accompany each proposal.

The items are:

- (1) 1390 ft. 6-in. cement pipe, stand strength, B&S type;
- (2) 25,597 ft. 8-in. do;
- (3) 625 ft. 10-in. do;
- (4) 2317 ft. 12-in. do;
- (5) 55 6x6-in. wye branches, only, inc. caps;
- (6) 75 8x6-in. do;
- (7) 68 manholes;
- (8) 14 lampholes;
- (9) 210 ft. concrete cradle under RR crossing;
- (10) 192 ft. 10-in. C1 pipe, inc. frame bents and footings, complete;
- (11) one Imhoff tank complete, inc. pipe, fittings and valves in and around tank to sludge beds, trickling filter, dosing tank and effluent basin;
- (12) 2 sludge beds complete;
- (13) 1 trickling filter complete, inc. mechanical equipment;
- (14) 1 dosing tank complete, do;
- (15) 1 effluent basin, complete.

NOTE: Items 1, 5 and 8 are shown on map as "proposed future sewers," therefore the town reserves the right to award a contract including or excluding said items, depending on the availability of funds. \* 31

#### BIDS OPENED

**BAKERSFIELD.** Kern Co., Calif.—Stroud-Seabrook, Box 97, Bakersfield, at \$1546 41, submitted only bid to the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, Bakersfield, for the construction of a concrete pipe storm drain at Chester Avenue and Brundage Lane, Bakersfield. \* 31

### 32—SEWERS & SEWAGE DISPOSAL PLANTS

#### LOW BIDDER

**BARSTOW.** San Bernardino Co., Cal.—Radich & Brown, 2984 Alhambra St., Los Angeles, at \$7,534.41, submitted low bid to the Barstow Sanitary Board, Barstow Sanitary District, Room A, Town Hall, for the construction of sewage treatment plant and pump station, PWA Proj. 1194-DS. \* 32

#### BIDS OPENED

**CALAVERAS CO., Calif.**—California Concrete Products Co., 1700 S. 1st St., San Jose, at \$400, submitted low bid to the Public Utilities Commission, Room 287, City Hall, for the construction of a septic tank with sewer and drain pipes at the Calaveras Stock Ranch, near the south end of Calaveras Reservoir in Santa Clara County.

Total bids follow:

Calif. Concrete Products Co., 1700 S. 1st St., San Jose—\$400.

M. J. McGuire & M. Hester, Oak-

### MENDOCINO COUNTY—BRIDGE CONSTR.—(State)

**MENDOCINO COUNTY, Cal.**—F. J. Maurer & Son, Inc., Eureka, at \$38,046 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engr., Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge consisting of one 50-ft. span and two 35-ft. spans on concrete piers and abutments with pile foundations across Elk Creek about 15 miles north of Point Arena and about 3 miles grading and applying penetration oil treatment, Mendocino Co.

#### Work involves:

- (1) 1 lot clear and grub.
- (2) 175 M. gals water.
- (3) 14,400 c.y. rdwy. excav. without class.
- (4) 350 c.y. struct. excav.
- (5) 23,000 sta. yds. overhaul.
- (6) 1,100 c.y. import borrow.
- (7) 17 sta. finishing roadway.
- (8) 10 tons liq. asphalt SC-2.
- (9) 62,000 lbs. bar. reinf. steel.
- (10) 300 c.y. class A Portland cement concr. structa.
- (11) 42 c.y. class A Portland cement concr. slope paving.
- (12) 292 lin. ft. timber railing.
- (13) 250 lin. ft. furnish treated Douglas fir piles.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1000.00	\$2000.00	\$1500.00	\$1000.00	\$3000.00	\$2850.00	\$ 750.00
(2)	1.50	1.50	2.00	1.00	2.00	1.00	2.00
(3)	.70	.65	.60	.70	.70	.90	.80
(4)	4.00	4.25	6.00	5.00	5.00	5.00	6.00
(5)	.01	.01	.03	10.00	12.00	12.00	12.00
(6)	.60	.70	1.25	2.00	1.00	1.00	2.50
(7)	10.00	10.00	10.00	10.00	10.00	10.00	10.00
(8)	22.00	30.00	30.00	25.00	25.00	25.00	40.00
(9)	.068	.065	.07	.07	.07	.07	.08
(10)	30.00	29.00	31.00	34.00	32.00	30.00	45.00
(11)	22.00	22.00	25.00	30.00	32.50	20.00	25.00
(12)	1.50	1.50	2.00	1.00	3.00	2.00	2.50
(13)	1.00	.25	1.10	1.00	1.00	1.00	1.00
(14)	40.00	70.00	80.00	14.00	50.00	70.00	40.00
(15)	2.50	2.00	3.75	2.00	3.00	2.00	2.50
(16)	40.00	70.00	80.00	136.00	50.00	70.00	40.00
(17)	.50	1.00	.50	.50	1.50	1.00	.50
(18)	1.00	1.00	1.00	1.00	2.00	1.25	.80
(19)	15.00	10.00	10.00	20.00	25.00	30.00	3.00
(20)	10.00	10.00	5.00	10.00	5.00	15.00	3.00
(21)	75.00	70.00	70.00	60.00	25.00	80.00	100.00
(22)	4.00	3.00	3.00	2.00	3.50	3.00	3.00
(23)	4.00	3.00	3.00	2.00	3.00	3.00	3.00
(24)	700.00	100.00	400.00	500.00	500.00	1000.00	500.00
(25)	1000.00	1250.00	1000.00	2000.00	1000.00	2500.00	800.00

land—\$167.50.

C. A. Bruce & Sons, Pleasanton—\$385.00. \* 32

#### BIDS WANTED

**SANTA ANA, Orange Co., Calif.**—Until Nov. 30, 11 A. M., bids will be received by the Orange county supervisors, Court House, for constructing the West St. unit of the Katella Storm Drain, in accordance with the plans and specifications, which may be obtained from the office of the County Flood Control Engineer, M. N. Thompson, Santa Ana, upon deposit of \$5, returnable. Bid bond or certified or cashier's check for 5% must accompany each proposal.

#### The items are:

- (1) 2600 ft. 30-in. concrete pipe, complete in place;
- (2) 1850 ft. pipe and rock collecting laterals, complete in place;
- (3) one intake structure, complete in place;
- (4) one outlet structure, do;
- (5) one manhole;
- (6) four unit inlets. \* 32

#### BIDS WANTED

**SAN FRANCISCO**—Until Nov. 24, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19,024, for the construction of the Richmond connecting sewer;

- (14) 14 each driving timber piles.
- (15) 350 lin. ft. furnish steel piles.
- (16) 14 each driving steel piles.
- (17) 45 lin. ft. 8-in. C M P.
- (18) 190 lin. ft. 18-in. C M P.
- (19) 1 each spillyway assemblies.
- (20) 1 each C M P elbow.
- (21) 1 each frame and grating for drop inlet.
- (22) 1 each culvert markers.
- (23) 14 each guide posts.
- (24) 1 existing bridge to be removed and disposed of.
- (25) 1 lot misc. items of work.

The State will furnish C M P embankment protectors and the C M P elbow.

Total bids follow:

- (A) F. J. Maurer & Son, Inc., Eureka, \$33,046.00.  
 (B) Peter J. McHugh, San Francisco, \$33,161.00.  
 (C) John Rocca, San Rafael, \$36,100.50.  
 (D) C. W. Caletti & Co., San Rafael, \$38,174.00.  
 (E) Valley Const. Co., San Jose, \$38,365.00.  
 (F) A. Soda & Son, Oakland, \$42,113.50.  
 (G) Mercer-Fraser Co., Eureka, \$42,502.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$1700 1/2	42-in. reinf. conc. pipe sewer (Alternate A);	1700 1/2	45-in. reinf. conc. monolithic sewer (Alternate B);			
(2)	One manhole for Item One;						
(3)	Cast iron pipe connection to existing 24-in. cast iron pipe in Fulton Street;						
(4)	One manhole for Item Three;						
(5)	Taper section at 41st Avenue and Fulton Street;						
(6)	Junction manhole near 46th Ave. and Fulton St.;						
(7)	Diversion structure and 24-inch C.I. sewer at 41st Avenue and Fulton St.						

PWA job. Estimated cost, \$36,000.

Work involves:

- (1) 1700 1/2 42-in. reinf. conc. pipe sewer (Alternate A);
- (2) 1700 1/2 45-in. reinf. conc. monolithic sewer (Alternate B);
- (3) Cast iron pipe connection to existing 24-in. cast iron pipe in Fulton Street;
- (4) One manhole for Item Three;
- (5) Taper section at 41st Avenue and Fulton Street;
- (6) Junction manhole near 46th Ave. and Fulton St.;
- (7) Diversion structure and 24-inch C.I. sewer at 41st Avenue and Fulton St.

Plans and specifications may be obtained at office of John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. \* 32

#### BIDS WANTED

**PETALUMA, Sonoma Co., Calif.**—As previously reported, until Nov. 30, 7:30 p.m., bids will be received by the Petaluma City Council, Gladys Roberts, City Clerk, City Hall, Petaluma, for the construction of the Municipal Sewage Disposal Project, Proj. Units A & B, Petaluma, Calif.

Work involves:

SCHEDULE NO. 1—Project Unit A: Main Line Intercepting Sewers;

**SAN LUIS OBISPO CO.—Bridge Construction—(State)**

- (1) 3263 l.f. 12-in. vit. clay pipe sewer;
- (2) 1089 l.f. 15-in. vit. clay pipe sewer;
- (3) 256 l.f. 21-in. vit. clay pipe sewer;
- (4) 3027 l.f. 24-in. do.;
- (5) 833 l.f. 18-in. asbestos-bonded corr. iron pipe sewer;
- (6) 991 l.f. 12-in. cast-iron pipe sewage force main;
- (7) One over-water, pile-bent trestle sewer river crossing, complete with sewer line of 21-in. asbestos-bonded corr. iron pipe between manholes at Stations 50+68.5 and 52+28.5.

**B Street Sanitary Separation Sewer:**  
(8) 1990 l.f. 15-in. vit. clay pipe sewer;

**Miscellaneous Appurtenant Sewers, between Mtn. View Avenue and Washington Street:**

- (9a) 1250 l.f. 6-in. vit. clay pipe sewer;
- (9b) 609 l.f. 8-in. vit. clay pipe sewer;
- (9c) 310 l.f. 12-in. asbestos-bonded corr. iron pipe sewer;

**Bridge, Oak and Madison Streets—Auxiliary Interceptors:**

- (10) 1000 l.f. 15-in. vitrified clay pipe sewer;
  - (11) 480 l.f. 8-in. vitrified clay pipe sewer;
- Washington Street Auxiliary Interceptors and laterals:**
- (12) 815 l.f. 10-in. vitrified clay pipe sewer;
  - (13) 800 l.f. 8-in. do.;
  - (14) Lump sum storm and sanitary sewer lines and connections on Western and on Washington Street and main line intercepting sewers;

- (15) 2246 l.f. 18-in. plain concrete pipe sewage treatment plant outlet sewer;
- (16) 80 c.y. of Class "C" concrete support only at \$8.00 per cu. yd.;
- (17) Lump sum, entire work of construction of Proj. Unit A, complete, exclusive of Items (1) to (16), inclusive;

- (18) Total contract price bid for Project Unit A;
- (19) Bituminous cement joints instead of cement joints, each;
- (20) Sulphur-base joints, instead of cement joints, each;
- (21) Extra standard manholes, complete, not exceeding 8 feet deep, each;
- (22) Extra standard manholes, complete, not exceeding 12 ft. deep, each;
- (23) Extra house sewer connections, in concrete-paved streets, including not to exceed 50 feet of 5-inch vitrified clay house sewer and Y-branch connections, each;
- (24) Extra house sewer connections, in asphalt-paved streets, including not to exceed 50 feet of 5-inch vitrified clay house sewer and Y-branch connections, each;
- (25) Extra house sewer connections, in unpaved areas, including not to exceed 50 feet of 5-inch vitrified clay house sewer and Y-branch connections, each.

**NOTE:** The bidder shall bid on all items of the proposal or which he bids. Bid under Prop. Sched. No. 1 is based on completing the work within the time provided for in the specifications covering Project Units A and B.

**SCHEDULE NO. 2—Project Unit B:**

- (1a) Furnishing all materials and labor for and constructing and installing, complete and satisfactory operating condition, the structures and equipment of the sewage pumping plant and the sewage pumping and treatment works and appurtenances, as shown on the plans and as specified and on the basis of the circular detention-settling

**SAN LUIS OBISPO CO., Calif.—**  
R. R. Bishop, 5017 E. Broadway, Long Beach, at \$84,399.00 submitted the low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder crossing over the tracks of the Southern Pacific Railroad about 6 miles north of San Luis Obispo, consisting of two 59-ft. 0-in. spans, two 50-ft. 3 1/2-in. spans, four 45-ft. 4-in. spans, and two 32-ft. 6-in. spans.

**Work Involves:**  
(1) 2700 c.y. struc. excav.;  
(2) 413,000 lbs. bar reinf. steel;  
(3) 2300 c.y. class A portland cement concrete struc.;  
(4) 32 c.y. class A portland cement concrete railing;  
(5) 15,000 lbs. misc. steel;  
(6) 40 l.f. 8-in. CMP;  
(7) 80 l.f. 18-in. CMP;  
(8) 1 each, spillway assembly;  
(9) 1 lot misc. items of work.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 3.00	\$ 2.75	\$ 2.00	\$ 2.50	\$ 2.00	\$ 2.00	\$ 1.75
(2)	.048	.05	.05	.05	.055	.06	.05
(3)	21.00	24.00	25.50	25.00	26.00	25.00	26.00
(4)	50.00	50.00	50.00	65.00	60.00	50.00	70.00
(5)	.16	.35	.15	.20	.17	.22	.18
(6)	1.00	1.00	1.25	1.00	1.00	1.00	2.00
(7)	2.00	2.50	2.20	1.50	1.75	2.00	4.00
(8)	15.00	20.00	20.00	30.00	15.00	15.00	35.00
(9)	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	4163.00

	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 1.50	\$ 2.50	\$ 2.50
(2)	.055	.05	.055	.055	.065	.054	.06
(3)	25.00	27.00	27.00	27.25	28.00	28.00	29.50
(4)	60.00	70.00	60.00	80.00	60.00	70.00	65.00
(5)	.19	.16	.15	.20	.22	.17	.18
(6)	2.00	1.25	1.25	1.60	1.60	1.50	1.25
(7)	3.00	2.25	2.50	3.50	3.00	2.00	2.00
(8)	45.00	25.00	15.00	20.00	75.00	55.00	25.00
(9)	4400.00	2500.00	3400.00	2235.00	1000.00	1700.00	3600.00

- tank alternate layout;
- (1b) Furnishing all materials and labor for and constructing and installing complete and in satisfactory operating condition, the structures and equipment of the sewage pumping plant and the sewage pumping and treatment works and appurtenances, as shown on the plans and as specified, and on the basis of the rectangular detention-settling tank alternate layout;
  - (2a) Lump sum sludge drying beds, and finish grading and landscaping, for Proj. Unit No. 1A, exclusive of Proj. Unit Item No. 9;
  - (2b) Lump sum sludge drying beds, for Proj. Item No. 1B, exclusive of Proj. Unit Item No. 9;
  - (2c) Lump sum finish grading and landscaping, for Proj. Item No. 1A, exclusive of Proj. Unit Item No. 10;
  - (3b) Lump sum, finish grading and landscaping, for Proj. Item No. 1B, exclusive of Proj. Unit Item No. 10;
  - (4a) Lump sum, sludge drying beds, and finish grading and landscaping, for Proj. Item No. 1A, exclusive of Proj. Unit Items Nos. 9 and 10;
  - (4b) Lump sum, sludge drying beds, and finish grading and landscaping, for Proj. Item No. 1B, exclusive of Proj. Unit Items Nos. 9 and 10;
  - (5) Lump sum, 2 only, bio-filters 75-ft. size, complete, in lieu of 60-ft. size;
  - (6) Lump sum, furnishing sewage pumping units of Proj. Unit Item No. 1;
  - (7) Lump sum, furnishing sewage

- (A) R. R. Bishop, 5017 E. Broadway, Long Beach, \$84,399.00.
- (B) Earl W. Heple, San Jose, \$88,335.00.
- (C) Dimmitt & Taylor, Los Angeles, \$89,946.00.
- (D) J. S. Metzger & Son, Los Angeles, \$91,570.00.
- (E) Metropolitan Const. Co., Los Angeles, \$93,750.00.
- (F) C. O. Sparks & Mundo Engr. Co., Los Angeles, \$94,015.00.
- (G) Byerts & Dunn, Los Angeles, \$94,893.00.
- (H) A. Soda & Son, Oakland, \$95,340.00.
- (I) J. F. Knapp, Oakland, \$95,705.00.
- (J) J. E. Haddock, Ltd., Pasadena, \$95,200.00.
- (K) Case Const. Co., Inc., Albambr, \$99,119.00.
- (L) Werner & Webb, Los Angeles, \$102,990.00.
- (M) Lindgren & Swinerton, Inc., San Francisco, \$103,467.00.
- (N) C. W. Caletti & Co., San Rafael, \$104,935.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 3.00	\$ 2.75	\$ 2.00	\$ 2.50	\$ 2.00	\$ 2.00	\$ 1.75
(2)	.048	.05	.05	.05	.055	.06	.05
(3)	21.00	24.00	25.50	25.00	26.00	25.00	26.00
(4)	50.00	50.00	50.00	65.00	60.00	50.00	70.00
(5)	.16	.35	.15	.20	.17	.22	.18
(6)	1.00	1.00	1.25	1.00	1.00	1.00	2.00
(7)	2.00	2.50	2.20	1.50	1.75	2.00	4.00
(8)	15.00	20.00	20.00	30.00	15.00	15.00	35.00
(9)	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	4163.00

	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 1.50	\$ 2.50	\$ 2.50
(2)	.055	.05	.055	.055	.065	.054	.06
(3)	25.00	27.00	27.00	27.25	28.00	28.00	29.50
(4)	60.00	70.00	60.00	80.00	60.00	70.00	65.00
(5)	.19	.16	.15	.20	.22	.17	.18
(6)	2.00	1.25	1.25	1.60	1.60	1.50	1.25
(7)	3.00	2.25	2.50	3.50	3.00	2.00	2.00
(8)	45.00	25.00	15.00	20.00	75.00	55.00	25.00
(9)	4400.00	2500.00	3400.00	2235.00	1000.00	1700.00	3600.00

pumping units of Proj. Unit Item No. 2.  
Bidder may bid on either or both schedules. Harry N. Jenks, Berkeley, is the consulting engineer in charge.  
Plans and specifications may be obtained from the above office upon deposit of \$20. \* 32

**CONTRACT AWARDED**

**SHAFTER, Kern Co., Cal.—Sutalo & Ramjak, 476 Comulos St., Los Angeles, at \$41,266, submitted low bid and was awarded contract by the Board of Directors of Shafter Public Utility District, I. Wallace, Secretary Shafter, for the construction of treatment plant and substation, at Shafter. \* 32**

**BIDS WANTED**

**PASADENA, Los Angeles Co., Cal.—** Until Nov. 20, 1939, A. M. bids will be received by Pasadena city clerk, Bease Chamberlain, for construction of sanitary sewer in Mountain Street east and west of Craig Ave. under 1911 Act.

- Work involved:**  
(1) 820 ft. 8-in. vit. clay sewer pipe, 2 3/4 manholes;  
(2) 2 1/2-in. lag tanks;  
(3) 52 wire brackets;  
(4) 820 ft. replacement of 1-in. oil pipe.

**33— WATER WORKS**

**BIDS OPENED**

**OAKLAND, Calif.—**The following bids were opened at \$3,550.00 on Nov. 15, 1939, at the East Bay Water and Power District, John Kim-

**MENDOCINO CO.—Bridge & Roadway Constr.—(State)**

MENDOCINO COUNTY, Cal.—John Rocca, Box 444, San Rafael, at \$55,046.90 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Eng'r. Public Works Bldg., Sacramento, for construction of a reinf. conc. bridge, consisting of 16 slab spans having a total length of 388 feet, supported by an open spandrel arch and concrete piers, across Jughandle Creek, five miles south of Fort Bragg and for about 3 mi. of roadway to be graded and treated with asphalt, Mendocino County.

Work involves:

- (1) 1.8 acres clear and grub;
- (2) 145 M. gals. water;
- (3) 755 c.y. roadway excav. without classification;
- (4) 1,400 c.y. stripping;
- (5) 900 c.y. imported borrow;
- (6) 690 c.y. struc. excav.;
- (7) 430 c.y. ditch and channel excavation;
- (8) 300 sta. yds. overhaul;
- (9) 1,400 c.y. import surf. matl.;
- (10) 18 sta. finishing roadway;
- (11) 9 tons liq. asph. SC-1A;
- (12) 211,000 lbs. bar reinf. steel;
- (13) 835 c.y. class A portland cement concrete strucs.;

- (14) 291 c.y. class A portland cement concrete arch ribs and struts;
- (15) 27 c.y. class A portland cement concrete railing;
- (16) 48 l.f. 8-in. CMP;
- (17) 82 l.f. 18-in. CMP;
- (18) 1 each, spillway assembly;
- (19) 2 each, drop inlet frames and gratings;
- (20) 0.25 mi. new property fence;
- (21) 2 each, drive gates;
- (22) 5,700 lbs. misc. steel;
- (23) 6 each, monuments;
- (24) 1 only, existing bridge removed and disposed of;
- (25) 1 lot misc. items of work.

The State will furnish CMP spill-Total bids follow:

- (A) John Rocca, Box 444, San Rafael, \$55,046.90.
- (B) F. J. Maurer & Son, Inc., Eureka \$65,436.00.
- (C) C. W. Caletti & Co., San Rafael, \$71,185.00.
- (D) S. D. Bechtel, San Francisco, \$79-160.60.
- (E) Mercer-Fraser Co., Eureka, \$81-730.50.
- (F) A. Soda & Son, Oakland, \$89-476.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	\$200.00	\$400.00	\$400.00	\$300.00	\$ 80.00	\$500.00
(2).....	1.50	1.50	1.00	1.50	2.30	1.50
(3).....	.60	.70	.60	1.00	.40	1.00
(4).....	1.00	1.00	1.00	1.25	.26	3.00
(5).....	1.00	.70	.80	1.00	1.00	1.00
(6).....	2.00	2.00	2.00	5.00	7.00	4.00
(7).....	1.50	1.50	.70	1.60	1.80	1.00
(8).....	.05	.01	.05	.05	.01	.10
(9).....	1.25	1.00	2.00	1.25	2.00	1.25
(10).....	10.00	10.00	10.00	15.00	10.00	20.00
(11).....	25.00	20.00	25.00	33.00	40.00	25.00
(12).....	.055	.055	.06	.07	.07	.08
(13).....	27.70	32.00	34.00	38.00	47.00	35.00
(14).....	27.70	41.00	41.00	50.00	48.00	60.00
(15).....	60.00	50.00	60.00	65.00	100.00	60.00
(16).....	.50	1.00	.50	.60	.50	1.50
(17).....	.60	2.00	1.00	.90	1.00	2.00
(18).....	10.00	25.00	15.00	20.00	3.00	50.00
(19).....	65.00	75.00	100.00	70.00	90.00	100.00
(20).....	600.00	400.00	700.00	1370.00	1000.00	1600.00
(21).....	25.00	20.00	25.00	30.00	40.00	40.00
(22).....	15	15	15	25	18	20
(23).....	3.00	3.00	4.00	5.00	7.00	3.00
(24).....	1000.00	1600.00	200.00	2000.00	1000.00	5000.00
(25).....	1000.00	4000.00	5000.00	2500.00	1000.00	5000.00

**San Bernardino Co.—Sewage Treatment Plant—(City)**

BARSTOW, San Bernardino Co., Cal.—Radich and Brown, 2984 Alledandro St., Los Angeles, at \$77,534.41 submitted low bid and was awarded contract by the Barstow Sanitary Board, Barstow Sanitary District, Town Hall, for the construction of sewage treatment plant, pump str., and sewers, PWA Project 1194-DS.

Bids were taken on:

- (1) treatment plant;
- (2) pump station;
- (3) 26,985 ft. 8-in. vitrified sewer;
- (4) 2,235 ft. 10-inch do;
- (5) 1,968 ft. 12-inch do;
- (6) 2,124 ft. 15-inch do;
- (7) 535 ft. 4-in. C.I. sewer;
- (8) 356 ft. 12-in. do;
- (9) 60 ft. 15-inch do;

- (10) 99 manholes;
- (11) 1 flush tank.

Total bids follow:

- (A) Radich & Brown, 2984 Alledandro St., Los Angeles, \$77,534.41.
- (B) J. L. Kruy, \$79,983.50.
- (C) J. C. Hickey, \$82,438.50.
- (D) V. G. Const Co., \$86,433.02.
- (E) Artukovich Bros., Hynes, \$88-224.40.
- (F) Sutalo & Ramljak, \$88,721.00.
- (G) Culjak & Zeiko, \$91,189.02.
- (H) Drainage Const. Co., \$92,342.86.
- (I) Bebek & Krklch, \$97,202.06.
- (J) Sanitary Const. & Engr. Co., \$98-856.45.
- (K) W. J. Tobin, Oakland, \$104-649.68.
- (L) Contracting Engrs., \$

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(A).....	\$28,000	\$4350.00	\$ 97	\$1.00	\$1.17	\$1.60	\$3.00	\$5.00	\$5.60	\$73.00	\$125.00
(B).....	27,000	4500.00	1.00	1.40	1.70	2.00	1.50	3.90	4.00	70.00	125.00
(C).....	30,000	3300.00	1.00	1.30	1.50	3.00	2.00	4.00	6.00	70.00	140.00
(D).....	32,911	4465.00	.87	1.25	1.60	3.09	3.38	8.21	8.93	75.00	135.00
(E).....	33,000	4000.00	.80	2.00	2.55	4.00	5.00	7.00	7.00	60.00	125.00
(F).....	34,050	4050.00	1.00	1.20	2.00	3.00	4.00	7.00	6.00	66.00	120.00
(G).....	29,000	4500.00	1.08	1.34	1.44	2.85	7.00	10.00	15.00	80.00	138.00
(H).....	34,000	4000.00	1.15	1.25	1.56	3.20	2.10	6.50	5.00	70.00	100.00
(I).....	33,550	3950.00	1.30	1.40	1.73	3.63	1.96	5.50	5.52	70.00	110.00
(J).....	33,000	4000.00	1.15	1.60	2.00	3.80	4.50	11.50	7.00	81.00	100.00
(K).....	46,712	5226.00	1.00	1.62	2.05	3.22	2.78	5.00	6.50	75.00	120.00
(L).....	39,239	7600.00									

ball, Secretary, 512 16th St. Oakland, under Pro. 929, for furnishing one 256,000-gallon redwood tank, 48-ft. outside diameter and 20-ft. deep; Piedmont Lumber and Mill Co., Oakland.

Pacific Wood Tank Company.  
Geo. Winderle Co., Ltd., San Francisco.  
Pacific Tank and Pipe Co., Oakland.  
Eureka Mill Lumber Co., Oakland.

**BIDS WANTED**

LOS ANGELES, Cal.—Until Nov. 29, 2 p.m., bids will be received by the Los Angeles Water & Power Purchasing Agent, 601 California Bldg., Los Angeles, for betterments to the Edendale Water System, PWA Docket No. Calif. 1929-3, Unit No. 7, Spec. X-109. The work involves:

- (1) Lump sum for excav. trench, furnishing and installing one 36-in. x 36-in. x 36-in. enameled steel "Y" in Vine St., north of Franklin Ave., backfill over excavation, remove surplus dirt and other materials, and resurface over backfill;

- (2) Lump sum for removing 12-in. pressure regulator valves and five 12-in. gate valves from and between the two concrete pits on the north side of Franklin Ave. at Vine St.; weld three 3/4-in. steel plates on the 12-in. openings in the existing 36-in. steel main caused by removal of the gate valves and outlets; fill in and between both pits with earth and resurface over top; deliver five 12-in. gate valves and 1 pressure regulator valve to Ducommun St. Yard, etc.;

- (3) Remove the existing 24-in. cast iron water main, and construct and install complete the 36-in. enameled steel water main in Franklin Ave., between enameled steel Y, at Franklin and Vine St., to Sta. 4 plus 52.15 at Argyle Ave., and other work;

- (3a) 4162 ft. excav.;
- (3b) 4172 ft. installation;
- (3c) 4162 ft. backfilling;
- (3d) 4162 ft. resurfacing;
- (3e) 4162 ft. transportation;
- (4) Remove existing 24-in. cast iron water main and install 36-in. enameled steel water main in Franklin Ave., from Sta. 4 plus 52.15 at Argyle Ave. to Sta. 52 plus 75.83 at Western Ave.;

- (4a) 4824 ft. excavation;
- (4b) 4824 ft. installation;
- (4c) 4824 ft. backfilling;
- (4d) 4824 ft. resurfacing;
- (4e) 4824 ft. transportation;
- (5) Lump sum, install pipe connections and regulating valves, using salvaged material;
- (5a) Lump sum for reinf. concrete valve pit at Franklin and Kenmore Aves.;

- (6) Install 30-in. enameled steel water main in Kenmore Ave. and Edgemont St.;

- (6a) 1738 ft. excavation;
- (6b) 1738 ft. installation;
- (6c) 1738 ft. backfilling;
- (6e) 1738 ft. resurfacing;
- (7) Install 24-in. cast iron water main as reclaimed from Franklin Ave. in Los Feliz Blvd.;

- (7a) 4620 ft. excavation;
- (7b) 4620 ft. installation;
- (7c) 4620 ft. backfilling;
- (7d) 4620 ft. resurfacing;
- (8) Remove from Rowena Avenue existing 16-in. cast iron water main and install in same trench the 24-in. salvaged and cleaned cast iron pipe main as reclaimed from Franklin Ave., etc.;

- (8a) 1250 ft. excavation;
- (8b) 1250 ft. installation;
- (8c) 1250 ft. backfilling;
- (8d) 1250 ft. resurfacing;

- (8e) 1250 ft. transportation;
- (9) Remove from Rowena Ave. existing 16-inch cast iron water main, install in same trench 24-in. enameled steel water main, and other work as per specifications;
- (9a) 2640 ft. excavation;
- (9b) 2640 ft. installation;
- (9c) 2640 ft. backfilling;
- (9d) 2640 ft. resurfacing;
- (9e) 2640 ft. transportation;
- (10) Remove the existing 6-in. cast iron water main in Griffith Park Blvd., and install in same trench the 12-in. cast iron water main from Rowena Ave. to Los Feliz Blvd.;
- (10a) 1110 ft. excavation;
- (10b) 1110 ft. installation;
- (10c) 1110 ft. backfilling;
- (10d) 1110 ft. resurfacing;
- (10e) 1110 ft. transportation;
- (11) 150 tons rock and oil for temporarily resurfacing backfill with 1-in. surfacing at street intersections;
- (12) 15 c.y. concrete blocking for pipe line angles, valves, fittings. \* 33

**BIDS WANTED**

REDDING, Shasta Co., Cal.—Utili Dec. 8, 8:00 P. M. bids will be received by the Redding City Council, Winfred Wright, City Clerk, City Hall, Redding, for the construction of a municipal water system at Redding.

Work involves:

- (1) Lump sum, construct intake tower, tunnel and wetwell complete;

- (a) Deduct per c.y. any decrease in excavation and backfill due to foundation elevation change;
- (b) Add per c.y. any increase do;
- (c) Deduct per c.y. any decrease in concrete quantity due to foundation elevation change;
- (d) Add per c.y. any increase in do;
- (e) Add per lb. any increase in reinforcing steel due to foundation elevation change;
- (f) Deduct per lb. any decrease do;
- (2) Lump sum, construct pump house pump pit with imported fill, rubble masonry, sidewalks and curbs, and fence;
- (3) Lump sum, furnish and install main pumps, priming pump, piping and fittings, starting equipment and accessories;
- (4) Lump sum, furnish and install purification equipment;
- (5) Lump sum, furnish and install all electric conduit-wiring and fixtures;
- (6) Lump sum, construct one 18-in. dia. cement-lined cast iron transmission main from Sta. 0 plus 53.75 to Sta. 33 plus 35, including special crossing of S. P. main line tracks, 2 air release valves with boxes and one drain pipe and piping;
- (7) Lump sum, construct two 1,500-gal. concrete circular reservoirs with piping and accessories.

ALT. "A": Deduct for the omission of cement lining in Item 6;

ALT. "B": Deduct for use of cement-lined welded steel pipe from Sta. 0 plus 75 to Sta. 33 plus 35;

- ALT. "C": Deduct for omission of cement lining in Alt. B;
- ALT. "D": Deduct for omission of dome and ten reinf. bands at dome abutment on each reservoir (Item 7);
- ALT. "E": Deduct for omission of fence around reservoirs;
- ALT. "F": Deduct for omission of stucco wash on exterior of reservoir.

Plans and specifications may be obtained from the above office upon deposit of \$25.00. 33

**34— PARKS AND PLAY GROUNDS**

**BIDS WANTED**

SANTA MARIA, Santa Barbara Co., Cal.—Utili Dec. 7, 10 A. M. bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Santa Maria.

Drawings and specifications may be obtained from the above office and from the Custodian of the Building at Santa Maria. 34 (5699)

**CONTRACT AWARDED**

UKIAH, Mendocino Co., Cal.—Walter E. Hoff Landscape Organization, 580 Market St., San Francisco, at \$497 awarded contract by the Procurement Division, Washington, D. C., for seeding and planting grounds at the U. S. P. O. at Ukiah. 34

**LOS ANGELES COUNTY—GRADING & PAVING—(State)**

LOS ANGELES COUNTY, Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$67,918.50 submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 1.2 miles grading and paving with portland cement concrete and plant-mixed surfacing between Valley Blvd. and Las Tunas Drive, Los Angeles County.

Work involves:

- (1) 62 sta. clear and grub right of way;
- (2) 1,000 M. gals. water;
- (3) 290 c.y. remove exist. conc.;
- (4) 11,000 c.y. roadway excavation, without classification;
- (5) 900 c.y. struc. excav.;
- (6) 52,000 sta. yds. overhaul;
- (7) 18,000 sq. yds. preparing sub-grade;
- (8) 62 sta. finishing roadway;
- (9) 28 tons liq. asphalt, SC-2, prime coat;
- (10) 4,500 tons min. aggregate, plant mix surf.;

- (11) 235 tons liq. asphalt, ROMC-4 or ROMC-5, plant-mix surf.;
- (12) 3,000 sq. yds. asphaltic paint binder;
- (13) 14,000 sq. yds. preparing, mixing and shaping shoulders;
- (14) 170 tons liq. asphalt, SC-2 shoulders;
- (15) 3,510 c.y. class A portland cement concrete pavement;
- (16) 24 sections pavement crossing device, Type C;
- (17) 7,300 each, pavement dowels;
- (18) 26,000 lbs. bar reinf. steel pavement ad. struct.;
- (19) 175 c.y. class A portland cement concrete struts.;
- (20) 27,500 lbs. steel rail assemblies;
- (21) 16,500 lbs. misc. iron and steel.;
- (22) 250 lf. remove and relaying pipe culverts;
- (23) 100 lf. 24-in. CMP;
- (24) 1,180 c.y. class A portland cement concrete curbs, gutters & sidewalks;
- (25) 730 lf. curb armor.

Total bids follow:

- (A) J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, \$67,918.50.
- (B) Geo. R. Curtis Paving Co., Los Angeles, \$69,908.
- (C) "Griffith Co., Los Angeles, \$69,967.55.
- (D) Oswald Bros., Los Angeles, \$71,294.00.
- (E) E. Paul Ford, East San Diego, \$71,681.50.
- (F) Claude Fisher Co., Ltd., Los Angeles, \$73,622.
- (G) W. E. Hall Co., Alhambra, \$73,785.00.
- (H) C. O. Sparks and Mundo Engr Co., Los Angeles, \$74,624.
- (I) Southern Calif. Roads Co., Los Angeles, \$78,852.50.
- (J) Daley Corp., San Diego, \$79,285.60.
- (K) Dimmitt & Taylor, Los Angeles, \$80,565.50.
- (L) United Concrete Pipe Corp., Los Angeles, \$81,487.45.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	\$14.65	\$19.00	\$14.00	\$18.00	\$20.00	\$ 8.50	\$14.50	\$10.00	\$11.00	\$19.00	\$30.00	\$15.00
(2)	.85	.75	1.20	1.00	1.25	1.00	1.20	1.25	1.70	1.00	1.00	1.50
(3)	2.25	2.00	2.50	2.50	2.00	2.00	2.50	2.50	2.50	3.50	2.50	2.00
(4)	.29	.256	.35	.32	.36	.30	.30	.26	.40	.35	.45	.40
(5)	1.00	.90	1.00	1.00	.60	1.25	1.00	1.25	1.00	1.00	1.25	1.00
(6)	.003	.00	.004	.005	.002	.005	.005	.005	.005	.005	.0025	.001
(7)	.09	.10	.09	.10	.10	.10	.09	.09	.10	.08	.12	.10
(8)	5.00	5.00	2.00	6.00	5.00	5.00	5.00	5.00	6.00	5.00	10.00	5.00
(9)	11.50	12.50	12.00	11.00	15.00	8.00	12.00	12.00	12.00	7.70	10.00	14.00
(10)	2.15	2.10	2.00	2.40	2.20	2.40	1.70	2.00	2.10	2.50	2.20	2.10
(11)	11.50	12.00	12.75	11.50	15.50	12.00	14.00	12.00	14.00	11.00	13.00	14.50
(12)	.02	.02	.02	.02	.05	.03	.02	.02	.03	.02	.02	.02
(13)	.05	.053	.055	.05	.06	.07	.06	.06	.055	.07	.05	.06
(14)	6.50	7.50	7.00	7.25	8.00	8.00	8.00	7.50	7.50	7.70	7.00	10.00
(15)	4.45	6.10	6.25	6.20	6.70	6.80	6.80	6.60	7.40	6.90	7.20	6.92
(16)	10.00	25.00	50.00	35.00	49.00	25.00	75.00	50.00	24.00	50.00	25.00	50.00
(17)	.135	.133	.12	.14	.11	.12	.14	.15	.15	.14	.15	.14
(18)	.077	.06	.055	.07	.055	.06	.085	.07	.08	.14	.15	.14
(19)	17.80	15.00	18.00	20.00	22.00	18.00	17.50	20.00	20.00	20.00	22.00	25.00
(20)	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
(21)	18.5	.19	18	16	17	18	20	14	20	21	20	18
(22)	11.50	12.50	12.00	11.00	15.00	8.00	12.00	12.00	12.00	7.70	10.00	14.00
(23)	2.50	2.90	2.75	2.50	3.00	2.50	3.00	2.70	3.30	2.85	3.00	3.35
(24)	8.50	10.00	10.00	9.80	8.70	10.00	11.00	12.00	11.40	11.75	12.00	13.35
(25)	.85	1.00	.90	.75	.80	1.00	1.00	1.00	1.10	1.00	1.00	1.00

SUTTER COUNTY—GRADING & SURFACING—(State)

SUTTER CO., Calif.—Hemstreet & Bell, P.O. Box 550, Marysville, 3133,596.55, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 4.7 miles to be graded and surfaced with plant-mixed surfacing, medium curing type on crusher run base, between Tarke and one mile south of Sutter City, Sutter County. Work involves:

- (1) 1,840 M. gals. water.
- (2) 36,800 c.y. roadway excav., without class.
- (3) 1,500 c.y. structural excav.
- (4) 100 c.y. ditch and channel excav.
- (5) 94,000 c.y. imported borrow.
- (6) 56,500 sta. yds. overhaul.
- (7) 110 c.y. concr. remove and disposed of.
- (8) 247 sta. finishing roadway.
- (9) 17,500 tons crusher run base.
- (10) 8,500 tons mix. aggregate plant mix surfacing.
- (11) 455 tons liq. asphalt MC-4, MC-5 or MC-extra heavy plant mix surfacing.
- (12) 76 tons liq. asphalt SC-2 prime coat and penetration oil treat-

- ment.
- (13) 71 tons sand prime coat and penetration oil treatment.
- (14) 44 tons liq. asphalt MC-3 or MC-4 seal coat.
- (15) 555 tons stone screenings seal coat.
- (16) 24,000 lbs. bar reinf. steel.
- (17) 250 c.y. class A Portland cement conc. structures.
- (18) 48 lin. ft. 8-in. C M P.
- (19) 986 lin. ft. 18-in. C M P.
- (20) 600 lin. ft. 24-in. C M P.
- (21) 108 lin. ft. 42-in. C M P.
- (22) 115 lin. ft. exist C M P remove, clean and salvage.
- (23) 22 lin. ft. exist C M P remove, cleaned and relaid.
- (24) 5 each spillway assemblies.
- (25) 400 lin. ft. laminated guard railing.
- (26) 140 lin. ft. guard railing, remove and reset.
- (27) 450 cu. culvert markers.
- (28) 20 each guide posts.
- (29) 4.5 miles new property fences.
- (30) 0.7 mile property fences moved and reset, type A.
- (31) 1.5 miles property fences, move and reset, type B.

- (32) 17 each drive gates, 14 ft. wide.
- (33) 1 each drive gate, 16 ft. wide.
- (34) 57 each monuments, complete, in place.

- Total bids follow:
- (A) Hemstreet & Bell, P.O. Box 550, Marysville—\$133,596.55.
  - (B) Fjellericksen and Westbrook, Lower Lake—\$135,751.30.
  - (C) Larsen Bros. and Harms Bros., Sacramento—\$138,571.60.
  - (D) Union Paving Co., San Francisco—\$144,233.50.
  - (E) Poulos & McEwen, Sacramento—\$144,297.50.
  - (F) Basich Bros., Torrance—\$149,282.45.
  - (G) Hanrahan Co., San Francisco—\$149,494.45.
  - (H) Heafey - Moore Co., Oakland—\$149,500.95.
  - (I) A. G. Faisch, San Francisco—\$152,000.00.
  - (J) A. Teichert & Son, Inc., Sacramento—\$153,878.50.
  - (K) Louis Biasotti & Sons, Stockton—\$165,757.55.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	\$ 1.25	\$ 1.15	\$ 1.00	\$ 1.25	\$ 1.25	\$ 1.50	\$ 1.30	\$ 1.00	\$ 1.00	\$ 2.00	\$ 1.25
(2)	.185	.17	.16	.20	.18	.20	.25	.22	.22	.19	.20
(3)	1.00	1.10	1.00	1.25	1.00	1.25	1.00	1.10	1.00	1.00	1.00
(4)	1.00	1.50	1.00	1.50	1.00	1.50	1.00	1.00	1.00	1.00	1.50
(5)	.40	.39	.45	.45	.55	.46	.43	.49	.49	.47	.35
(6)	.005	.005	.006	.01	.005	.01	.005	.005	.004	.004	.005
(7)	2.00	1.50	1.50	2.00	2.00	2.00	1.50	2.00	3.00	2.50	2.50
(8)	5.00	6.00	6.00	5.00	4.00	8.00	8.00	6.00	5.00	5.00	7.00
(9)	2.00	1.95	2.00	2.25	1.85	2.10	2.10	2.34	2.08	2.30	2.47
(10)	2.25	2.40	2.60	2.30	2.25	2.75	3.00	2.44	3.20	2.60	3.40
(11)	18.00	20.00	19.00	16.00	19.00	19.00	13.00	17.00	17.00	22.00	16.50
(12)	17.00	15.00	16.00	16.00	19.00	17.00	18.00	15.50	14.00	20.00	12.50
(13)	2.25	2.40	2.00	2.50	2.00	2.15	3.50	2.85	3.00	3.50	3.00
(14)	22.00	20.00	22.00	22.50	20.00	26.00	24.00	21.00	18.00	26.00	17.00
(15)	3.00	3.50	2.50	2.50	3.00	3.50	3.50	3.10	3.00	3.00	3.25
(16)	.06	.06	.06	.07	.06	.05	.07	.055	.052	.06	.05
(17)	22.50	23.00	20.00	24.00	22.00	24.00	25.00	20.50	22.00	23.00	20.00
(18)	1.00	1.20	1.00	1.25	1.00	1.00	1.20	.95	1.00	1.00	1.30
(19)	1.80	2.25	1.60	2.00	1.65	1.75	2.20	1.90	2.60	2.00	2.40
(20)	2.80	3.00	2.50	3.00	2.75	2.80	3.20	2.85	3.00	3.00	2.60
(21)	5.00	6.00	6.00	6.00	6.20	5.80	7.00	6.50	8.00	6.50	8.00
(22)	.50	.60	.50	1.00	1.00	.60	.75	.70	.25	.80	.50
(23)	1.00	.90	1.00	1.00	1.00	.70	1.35	.70	.75	1.00	.75
(24)	15.00	15.00	20.00	20.00	14.00	18.00	15.00	17.00	20.00	20.00	15.00
(25)	1.00	1.80	1.00	1.25	1.25	1.50	1.50	1.00	1.00	1.10	1.35
(26)	.75	1.00	.50	1.00	1.00	1.00	.75	.70	.50	.75	.90
(27)	2.50	2.50	3.00	3.00	2.00	2.50	2.30	1.80	2.00	3.00	2.50
(28)	2.00	2.00	2.00	2.00	2.00	2.00	2.30	1.80	2.00	3.00	2.50
(29)	750.00	600.00	500.00	800.00	625.00	900.00	1000.00	675.00	625.00	800.00	700.00
(30)	350.00	300.00	400.00	500.00	500.00	425.00	400.00	340.00	300.00	600.00	350.00
(31)	300.00	250.00	400.00	300.00	500.00	350.00	300.00	330.00	150.00	450.00	300.00
(32)	28.00	18.00	20.00	20.00	20.00	25.00	22.00	23.00	15.00	30.00	20.00
(33)	30.00	24.00	25.00	25.00	25.00	30.00	25.00	26.00	18.00	35.00	30.00
(34)	3.00	2.50	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	3.00

SANTA CLARA HIGH SCHOOL GYMNASIUM

SCHOOL BUILDINGS

SANTA CLARA, Santa Clara Co., Calif. Santa Clara High School. Gymnasium (127 x 140 feet), to seat from 750 to 900; shop, garage, equipment, etc.

Owner—Santa Clara High School (S. J. Brainerd, Principal). Architect—Harold H. Weeks, 593 Market St., San Francisco. Low Bidder—Nielsen & Erbentraut, 82 Hollywood Ave., San Jose—\$69,400.

General bids were received with the following alternates:

- (1) Deduct if bleachers are omitted;
- (2) Deduct if metal lockers and lockers are omitted;

- (3) Deduct if gas radiators and unit gas heaters in gymnasium are omitted;
- (4) Unit price of concrete per cubic foot, if excavation, forms, shoring, concrete, reinforcing steel and labor for same are grouped.

Total bids follow:

- (A) Nielsen & Erbentraut, San Jose—\$69,400.
- (B) F. C. Stolte, Alameda—\$69,983.
- (C) Carl N. Swenson Co., San Jose—\$69,983.
- (D) Central Calif. Constr. Co., San Francisco—\$70,383.
- (E) A. Nelson, Inc., San Francisco—\$71,893.
- (F) Frank J. Reilly Co., San Fran-

- cisco—\$72,871.
- (G) Trevhitt-Shields & Fisher, Fresno—\$72,900.
- (H) N. H. Sjoberg & Son, Oakland—\$74,444.
- (I) Villadsen Bros., Oakland—\$74,490.
- (J) Geo. Petersen, San Leandro—\$75,200.
- (K) W. K. Van Bokkelen Construction, Oakland—\$78,774.
- (L) F. C. Amoroso & Sons, San Francisco—\$79,229.
- (M) Midstate Constr. Co., Fresno—\$82,729.
- (N) Anderson & Ringrose, San Francisco—\$100,000.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
(1)	\$4000	\$1000	\$3610	\$3700	\$3900	\$3800	\$4000	\$2675	\$3900	\$2400	\$3500	\$3700	\$4000	\$4000
(2)	2100	300	1840	2000	2100	2100	700	1665	2000	1590	1900	1950	2000	2000
(3)	1550	1800	1497	1000	900	950	1250	1218	1200	1100	1000	1000	1000	900
(4)	85	27	1	110	90		145	110	125	1.25	.90	1.00	1.00	add .80 ded. .40

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth Street, San Francisco, for furnishing supplies and materials, as follows:

November 23, 10 A. M.

**BID NO. 4683**—Redwood and Douglas fir of various sizes; f.o.b. Bret Harte School, Hayward.  
**BID NO. 4691**—Barbed wire and galv. staples; f.o.b. Warehouse of East Bay Municipal Utility District, Contra Costa County.

**SAN FRANCISCO, Cal.**—Until November 23, 10 a.m., bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4686, for furnishing turpentine, varnish, white lead, brushes, rails, rags, and paint, f.o.b. Zoological Gardens, San Francisco.

**SAN FRANCISCO.**—Until Nov. 24, 10 a.m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4692, for the rental for one month of one concrete mixer, 2-sack capacity, equipped with elevating hopper and variable length shoots for placing concrete in forms, f.o.b. Fresno Municipal Airport, Fresno, Calif.

## CANAL ZONE

**PANAMA CANAL.**—Until Nov. 29, 10:30 a.m., bids will be received by the General Purchasing Officer, Washington, D. C., under Sch. No. 3301, for furnishing supplies and materials, including:

Manganese-steel dredge-dipper lips, reinforcement bars, air compressor, valve-seat grinders, brake-cylinder honing outfits and gauges, cast-iron pipe, track bolts, armored cable, magnet wire, electric motors, meter-testing blocks, transformers, electric lighting fixtures, ceiling guards, fuses, brushes, closet tanks, sinks, pipes, hinges and throttle valves.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco, Calif.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Dec. 3, 10 A. M., bids will be received by the Metropolitan Water District, Los Angeles, for C I and cast iron pipe and fittings, valves and miscellaneous metal parts; Spec. 252.

Work involves:  
**SCHED. NO. 1:** C I and cast steel pipe and fittings, valves, gaskets, ladder rungs and Venturi meter fittings;

**SCHED. NO. 2:** bolts, studs and nuts  
**SCHED. NO. 3:** C I frame and covers.

Certified or cashier's check for 10% must accompany bid.

## WAR DEPARTMENT

**FORT MASON, Calif.**—Until Nov. 30, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort

Mason, San Francisco, under Bid No. 928-38-135, for furnishing miscellaneous truck and automobile parts; f.o.b. Presidio, San Francisco.

**SACRAMENTO, Calif.**—Until Nov. 26, 3 p.m., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Building, Sacramento, for furnishing supplies and materials, as follows:

**BID NO. 1105-38-126**—Steel, tubing, iron, brass and diamond floor plates; f.o.b. Rio Vista, Cal.

**BID NO. 1105-38-127**—Files, pipe plugs, nipples, galvanized pipe, screws, wrenches and rivets; fob Rio Vista, Calif.

**BID NO. 1105-38-132**—Packing and valves; f.o.b. Rio Vista.

**SACRAMENTO Calif.**—Until November 23, 3:00 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208 Post Office Bdg. Sacramento, under Bid No. 1105-38-130, for furnishing Douglas Fir lumber of various sizes. f.o.b. Rio Vista

## NAVY DEPARTMENT

**WASHINGTON, D. C.**—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing supplies and materials, as follows:

**SCH 2074:** Seamless copper tubing for eastern yards and Puget Sound; Nov. 23.

**SCH. 2044:** Carbon and high - speed twist drills for eastern and western yards; Nov. 23.

**SCH 2072:** Axes, hammers, hatchets, sledges, for eastern and western yards; Nov. 30.

**SCH 2081:** One motor driven single surface planer, for Mare Island; Nov. 26.

**SCH. 2066:** 37,500 lbs. semi-finished steel, for Portsmouth; 9,375 lbs. do for Mare Island; Nov. 23.

**SCH. 2073:** Brass and copper pipe and tubing, for eastern and western yards; Nov. 30.

**SCH 2087:** Equipment, propeller shaft revolution and spares, for eastern and western yards; Nov. 26.

**SCH. 2062:** Steel, sheet, flag, black and galv., for eastern and western yards; Nov. 30.

**SCH 2079:** Cast iron soil and water pipe, for eastern and western yards; Nov. 30.

**SCH 2083:** Four-wheel trailers with mounted gasoline and oil tanks, for San Diego; 2 do for eastern and western yards; Nov. 26.

**SCH 2085:** Electric cable, for Portsmouth and Mare Island; Nov. 26.

**SCH 3940:** 15,000 FBM white ash, for Mare Island; Nov. 19.

**SCH 2104:** Nippers and pliers, for eastern and western yards; Nov. 30.

**SCH 2100:** Clamps and punches, for eastern and western yards; Nov. 30.

**SCH. 2075:** Vises for eastern and western yards; Nov. 30.

**SCH. 2067:** Calipers, dividers, gauges, planes and squares for eastern and western yards; Nov. 23.

**SCH. 2101:** Bits, woodchoring, chisels, knives for eastern and western yards; Nov. 30.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Nov. 23, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent for three sets of (a) screens including doors and frames for lower compartments 12 sets (b) screens complete with hinged hasps for end elevations and 3 sets (c) screens complete inc. top plates and clips and lock bars for front elevation of upper compartments each for intake and Gene pumping plants; 3 sets (c) and 12 (b) for Iron Mountain pumping plant; 3 (a) 3 (b) 6 (c) for Eagle Mountain pumping plant; 3 (a) and 3(c) for Hayfield pumping plant. Certified or cashier's check \$75 must accompany bid. Bids to be fob bidder's plant. Bid 91525.

## CALIFORNIA STATE

**SACRAMENTO, Cal.**—Until Dec. 1, 12 M., bids will be received by the State Purchasing Agent, J. F. Misphey, Room 319, Capitol Bldg., Sacramento, for furnishing gasoline, distillate, kerosene, lubricating oils, greases, etc., for use by the Division of Highways, various State Institutions and other State Departments, during the year 1938.

Plans and specifications may be obtained from the above office. \* 20

## WAR DEPARTMENT

**FORT MASON, Cal.**—Until Nov. 29, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-146, for furnishing parts for Type S3 R Moore Steam Turbine and 21,700 helical springs; f.o.b. Dock No. 1, Fort Mason, San Francisco, Cal. \*

**FORT MASON, Calif.**—Until Nov. 30, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-136, for (1) parts for Westinghouse 50-kv. generator; (2) parts for General Electric Motor; and (3) parts for Worthington duplex sanitary pump; f.o.b. Dock No. 1, Fort Mason, San Francisco, Cal.

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## IN THIS ISSUE



Union Paving & Biasotti Low  
on Bureau Jobs



*State Calls Bids on Lassen Projects*



Building Permits, Advance Reports  
of Building and Engineering  
Projects



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JOB  
IN  
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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., NOVEMBER 27 1937

No. 45

## UNION PAVING LOW ON BUREAU SURFACING JOB

**Louis Biasotti & Son Bid Tioga Road Grading, Subgrade Reinforcement**

Union Paving Co., San Francisco at \$24,370.10, yesterday submitted the low bid for surfacing 10,518 miles of Sections A2, A3 and A4 of Route 3, the Big Oak Flat Road, and a portion of Section A1 of Route 4, the Tioga Road in Tuolumne and Mariposa counties, largest of two highway jobs aggregating \$222,752 for which bids were opened by the Bureau of Public Roads.

Louis Biasotti & Son, Stockton at \$98,382.40, submitted the low bid for grading and placing subgrade reinforcement on 2.107 miles of Section A2 of Route 4, the Tioga Road in Tuolumne county.

Second lowest bidder on the surfacing job was Claude C. Wood and Frank B. Marks, bidding jointly, at \$125,865.15. The job attracted ten bidders. Other bidders were: Mountain Construction Company at \$134,324.05; Ralph A. B-ll, \$157,766; George Pollock Co., \$159,418.60; Heafey - Moore Company and Fredrickson and Watson Construction Company, \$159,871.50; Bodenhamer Construction Co., \$168,388.52; Hemstreet & Bell, \$173,125.40; Gibbons and Reed Co., \$200,316.50; and Metropolitan Construction Co., \$221,943.

### Major Items

Principal items included: 4300 cubic yards of unclassified excavation; 50,000 station yards overhaul; 10,518 miles of grading subgrade and shoulders; 44,000 tons of heavy rock base course; 23,200 tons of stockpiled base course; 20,300 tons crusher run top course; 12,340 tons of stockpiled top course; 42,200 tons miles of hauling crushed rock; and 1200 lineal feet of 8-inch C G S M pipe.

The contract calling for 2.107 miles of grading and placing a subgrade reinforcement on Section A2 of Route 4, Tioga Road, Tuolumne county, attracted only four bidders.

Low bidder was Louis Biasotti and Son, at \$98,382.40, followed by

## BIDS DEC. 6 ON TWO LASSEN GRADING JOBS

Bids will be opened December 6 in Susanville for grading and surfacing two sections of highway between Susanville and Antelope summit, and Willow Creek Valley and Eagle Lake summit, in Lassen county, according to District Engineer M. J. Tilley of Joint Highway District No. 14.

Bids will be opened by the Board of Directors of Joint Highway District No. 14 which comprises Lassen and Modoc counties.

About five miles of highway is to be graded and about two miles to be surfaced with gravel or other select material in the first section between Susanville and Antelope summit.

### Second Section

In the second section, between Willow Creek Valley and Eagle Lake summit, about two miles of present roadbed are to be graded and reshaped, and about two miles of highway to be surfaced with select material.

Principal items include: 49,000 cubic yards of unclassified roadway excavation; 75,500 sta. yds. overhaul; 265 cubic yards of structural excavation; 678 lineal feet of C M P; and 14,000 miles loading, hauling and spreading surfacing material.

C. G. Willis of Los Angeles, \$100,478.00. Other bidders were: Johnson Rock Co., \$102,277; and Ralph A. Bell, \$103,598.

Principal items on the job were: 43,000 cubic yards of unclassified excavation; 5500 cubic yards of sod and swamp soil excavation; 11,600 cubic yards of unclassified excavation for borrow; 1110 lineal feet of CMP; and 60,000 station yards overhaul.

### Excavation Bids

Louis Biasotti and Son's bid on the item involving 43,000 cubic yards of unclassified excavation was \$1,585 per cubic yard. C. G. Willis submitted the second lowest figure on the item, at \$1.59 per cubic yard.

## OAKLAND FIRM LOW ON TULARE SURFACING JOB

**Independent Construction Co. Bids \$106,397 for Generals Highway Work**

Independent Construction Company, Oakland, at \$106,397.50, yesterday submitted the low bid to the Bureau of Public Roads for placing bituminous treated surfacing on 12.5 miles of Section A and a portion of Section B, Route One, the Generals Highway, in Sequoia National Park, Tulare Co. Eleven firms submitted bids ranging up to \$153,485.

The second lowest bidder was Heafey-Moore bidding jointly with Fredrickson & Watson Construction Company. Their figure was \$106,550. The third lowest bidder was Oswald Brothers of Los Angeles, at \$117,530.

Other bidders included: Union Paving Company, \$118,370; George Herz and Company, \$125,540; N. M. Ball Sons, \$125,833; Louis Biasotti & Son, \$130,389; Hanrahan Company, \$133,675; Ralph A. Bell, \$135,260; George Pollock, \$149,060; and Jack Casson, \$153,485.

### Principal Items

Principal items included: 12.5 mi. preparing existing surface; 21,200 tons of crusher run top course; 16,000 tons of Class F dense plant mixture—grade A; 800 tons of medium curing cutback asphalt for Class F; and 55 tons of rapid curing cutback asphalt for Class F.

Low bidder on the item involving 21,200 tons of crusher run top course (for base course) was Union Paving Company, at \$1.85 per ton. Independent Construction Company, Heafey-Moore, et al, and Oswald Brothers each bid \$2.00 per ton.

The Independent Construction Co. was low, at \$300 on the first item involving 12.5 miles preparing of existing surface. Union Paving Co. submitted the same figure on the item. All other firms bid \$100 or more.

No engineer's estimate was released by the Bureau of Public Roads. All bids were taken under advisement.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
296	Christen	Wilhelm	1500
297	Filoh	Jensen	1000
298	Forsell	Strate	6000
299	Koenig	Warren	2200
310	Para	Owner	1500
311	Roberta	Rahliman	1500
312	Ruegg	Owner	4250
313	Doelger	Owner	4000
314	Moose	Mills	6000
315	Utus	Steiner	5400
317	Jalanivich	Perkins	4900
318-19	Rousseau	Owner	6000
220	McDonald	Lindsay	3500
221	Borgert	Owner	1500
222	Carlson	Owner	3000
223	Levensaler	Millon	1000
224-25	Rousseau	Owner	4000

### ALTERATIONS

(206) 1199 VALENCIA Street. Alter store.  
Owner—H. C. Christen, 1427 Valencia.  
Contractor—A. H. Wilhelm, 666 Mission Street.  
Architect—Not Given. \$1,500

### ALTERATIONS

(207) 330 MARKET ST. Alter store.  
Owner—Filoh, Inc., 320 Market St.  
Contractor—G. P. W. Jensen & Sons, 320 Market St.  
Architect—F. E. Lloyd, 360 Pine St. \$1,000

### DWELLING

(208) W 20th AVE, 50 S Sloat Blvd. Two-story and basement frame dwelling.  
Owner—A. Forsell, 500 Fell Street.  
Contractor—Adolf Strate, 190 Moneta Way.  
Architect—Not Given. \$6,000

### ALTERATIONS

(209) 110 SAN JOSE AVE. Alter dwelling.  
Owner—Mrs. Koenig, premises.  
Contractor—W. Warren, 614 Hanover.  
Architect—Not Given. \$2,200

### ALTERATIONS

(210) 3257 PIERCE ST. Alter bank.  
Owner and Contractor—G. Para, 3257 Pierce Street.  
Architect—L. J. Hendy, 625 Market Street. \$1500

### ALTERATIONS

(211) 2849 CALIFORNIA ST. Alter apartments.  
Owner—W. F. Roberts & Sons, 2849 California Street  
Contractor—H. E. Rahliman Co., 125 Kearny Street.  
Architect—Not Given. \$1,500

### DWELLING

(212) NE TALBERT and Sunnydale. One-story and basement frame dwelling.  
Owner and Builder—The Ruegg Co., Inc., 369 Pine Street.  
Architect—Albert H. Larsen, 333 Kearny Street. \$4,250

### DWELLING

(213) E TALBERT 25 N Sunnydale. One-story and basement frame dwelling.  
Owner and Builder—The Ruegg Co., Inc., 369 Pine Street.  
Architect—Albert H. Larsen, 333 Kearny Street. \$4,000

### DWELLING

(214) E 16th AVE 308 S Quintara. One-story and basement frame dwelling.

Owner and Builder—Henry Doelger Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

### ALTERATIONS

(215) 1621 MARKET ST. Alter lodge building.  
Owner—Moose Lodge, premises.  
Contractor—Mills Const. Co., 605 Market Street.  
Architect—Not Given. \$6,000

### DWELLING

(216) EAST FOLSOM 75 N Cortland. One-story and basement frame dwelling.  
Owner—E. Utus, c/o contractor.  
Contractor—J. L. Steiner, 861 Moultrie Street.  
Architect—Not Given. \$5,400

### DWELLING

(217) N GREENWICH 80 E Baker St. Two-story & basement frame Dwelling.  
Owner—M. E. Jalanivich, 2030 Baker.  
Contractor—E. W. Perkins, 3500 Fulton Street.  
Architect—Not Given. \$4,900

### FLATS

(218) S TURK ST. 25 W Roselyn Terrace. Two-story and basement frame flats.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.  
Architect—Not Given. \$6,000

### DWELLING

(219) S TURK ST. 50 W Roselyn Terrace. Two-story and basement frame dwelling.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.  
Architect—Not Given. \$6,000

### DWELLING

(220) N IRVING, 75 W. 27TH AVENUE. One-story and basement frame dwelling.  
Owner—Frank P. McDonald, 1289 27th Ave.  
Contractor—C. T. Lindsay, 820 Taraval St.  
Architect—Not Given. \$3850

### DWELLING

(221) E. MANCHESTER, 125 N OF STONEMAN. One-story frame dwelling.  
Owner—Fred V. Borgert, 60 Manchester St.  
Architect—Not Given. \$1500

### DWELLING

(222) E YALE, 25 N. SILMAN. One-story and basement frame dwelling.  
Owner—C. J. Carlson, 76 Maynard St.  
Architect—Not Given. \$3000

### ALTERATIONS

(223) SW 16TH AND GUERRERO STS. Alter service station.  
Owner—C. Levensaler, 201 Sansome Street.  
Contractor—C. E. Millon, 6141 Monadnock Way, Oakland.  
Architect—R. C. Schuppert, c/o Contractor.  
Engineer—B. B. Maynard Co., 2807 Telegraph Ave., Oakland.

### DWELLING

(224) E. TEMESCAL TERR., 55 N GOLDEN GATE AVE. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$4000

### DWELLING

(225) E. TEMESCAL TERR., 80 N GOLDEN GATE AVE. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$4000

## ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
319	Hurtado	Hurtado	1000
20	Jacobs	Broderick	6850
321	Lynch	Owner	3500
322	Perry	Bragg	3750
323	Rasmussen	Owner	4500
324-5	Boyajian	Johnson	4800
326	Hovey	Franza	6915
327	Koford	Teigland	1000
328-9	Stanber	Hanson	3000
330	Cunningham	Squires	1250
231	McCarthy	Owner	5500
332	Stores	Anderson	1000
333	Fisher	Johnson	5000
334	Hayward	Owner	3000
335	Hoover	Peterson	1500
336	Piepenburger	Lynn	2000
337	Woodburn	Owner	4500
338	Keati	Owner	2700
339	MacGrigor	Owner	6000
340	Beck	Christensen	9500
341	Church	Johnson	1800
342	Flagg	Owner	3500
343	Lervick	Hughes	2500
344	Wallin	Owner	6000

### ADDITIONS

(319) 1625 HARMON, BERKELEY. Additions.  
Owner—Mrs. Clara Hurtado, prem.  
Contractor—R. Hurtado, 1625 Harmon  
Architect—Not Given. \$1,000

### DWELLING

(320) 982 CRAGMONT AVE., BERKELEY. Two-story 5-room frame dwelling and garage.  
Owner—H. M. Jacobs.  
Contractor—W. L. Brodrick, 640 Arlinghton.  
Architect—Not Given. \$6,950

### DWELLING

(321) 2945 107th AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—C. M. Lynch, 1616 13th Ave., Oakland.  
Architect—Not Given. \$3,500  
Also 1-story garage, \$150.

### DWELLING

(322) 4543 MERRILL AVE., OAKLAND. One-story 5-room dwelling.  
Owner—J. Perry, 2833 Morgan Ave., Oakland.  
Contractor—M. V. Bragg, 2937 Bond, Oakland.  
Architect—Not Given. \$3750

### DWELLING

(323) 5932 LA SALLE AVE., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—Carl Rasmussen, Ave. 4800, Moraga Ave., Oakland.  
Architect—Not Given. \$4,500

### DWELLING

(324) 1130 VERSAILLES AVENUE, ALAMEDA. One-story five-room dwelling.  
Owner—P. Boyajian, 3270 Fairview Ave., Alameda.  
Contractor—R. F. Johnson and Son, 560 30th St., Richmond.  
Plans by Builder. \$4,000

### DWELLING

(325) 1132 VERSAILLES AVENUE, ALAMEDA. Two-story six-room dwelling.

Owner—P. Boyajian, 3270 Fairview Ave., Alameda.  
 Contractor—R. F. Johnson and Son, 560 36th St., Richmond. \$4,800  
 Plans by Builder.

**REMODELING**  
 (326) 902 LAFAYETTE ST., ALAMEDA. Remodel dwelling into 5-room apt. house.  
 Owner—Mrs. Anna Hovey, 902 Lafayette St., Alameda.

Contractor—C. H. Franzen, 883 54th St., Oakland.  
 Architect—C. N. Burrell, 1448 Webster St., Oakland. \$6,915

**ALTERATIONS**  
 (327) 1636 MILVIA, BERKELEY. Alterations.  
 Owner—Mrs. Koford, 827 Warfield.  
 Contractor—C. M. Teigland, 525 49th St., Oakland.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (328) 322 BEACH RD., ALAMEDA. One-story 4-room dwelling.  
 Owner—A. W. Stanber, 114 Entrande Ave., Oakland.  
 Contractor—A. F. Hanson, 926 Willow Ave., Oakland. \$3,000  
 Plans by Owner.

**DWELLING**  
 (329) 328 BEACH RD., ALAMEDA. One-story 4-room dwelling.  
 Owner—A. W. Stanber, 114 Entrande Ave., Oakland.  
 Contractor—A. F. Hanson, 926 Willow Ave., Oakland. \$3,000  
 Plans by Owner.

**ALTERATIONS**  
 (330) 3706 HIGH ST., OAKLAND. Alterations.  
 Owner—C. S. Cunningham, 3206 High St., Oakland.  
 Contractor—C. R. Squires, 2621 Hopkins St., Oakland.  
 Architect—Not Given. \$1,250

**DWELLING**  
 (331) 3608 DAVIS ST., OAKLAND. One-story 5-room dwelling.  
 Owner and Contractor—Daniel McCarthy, 3155 64th Ave., Oakland.  
 Architect—Not Given. \$5,500

**ALTERATIONS**  
 (332) 426 JACKSON ST., OAKLAND. Alterations.  
 Owner—Safeway Stores, 426 Jackson St., Oakland.  
 Contractor—A. F. Anderson, 1093 Longridge Road, Oakland.  
 Architect—Not Given. \$1,000

**DWELLING**  
 (333) 2647 MONTICELLO AVENUE, OAKLAND. One-story six-room dwelling.  
 Owner—C. R. Tisher, 6127 Foothill Blvd., Oakland.  
 Contractor—Elmer Johnson, 455 Oaks Blvd., San Leandro. \$5,000  
 Architect—Not Given.  
 Also 1-story garage, \$250.

**DWELLING**  
 (334) 2032 100th AVE., OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—Chas. D. Hayward, 2990 Barrett St., Oakland.  
 Architect—Not Given. \$3,000  
 Also 1-story garage, \$250.

**ADDITION**  
 (335) 4488 REINHARDT DR., OAKLAND. Addition.  
 Owner—Dr. Glenn E. Hoover, 4488 Reinhardt Dr., Oakland.  
 Contractor—Peterson & Johnson, 4724 Reinhardt Dr., Oakland.  
 Architect—Not Given. \$1,500

**ALTERATIONS**  
 (336) 1936 BROADWAY, OAKLAND. Alterations.

Owner—John H. Piepenburger.  
 Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.  
 Architect—Not Given. \$5,000

**DWELLING**  
 (337) 2600 LA CUESTA, OAKLAND. One-story 5-room dwelling.  
 Owner and Builder—Ridgway Woodburn, 624 Prospect Ave., Oakland.  
 Architect—Not Given. \$4,500

**DWELLING**  
 (338) 1478 CURTIS, BERKELEY. One-story 4-room frame dwelling and garage.  
 Owner & Builder—David Kestl, 2217 Browning.  
 Architect—Not Given. \$2700

**DWELLING**  
 (339) 467 MICHIGAN, BERKELEY. Two-story 7-room frame dwelling and garage.  
 Owner, Builder and Architect—C. M. MacGregor, 1391 Solano. \$6000

**OFFICE BUILDING**  
 (340) 369 15TH ST., OAKLAND. 2-story concrete office building.  
 Owner—Robert C. Beck, 281 Lee St.  
 Contractor—H. J. Christensen Co. & W. E. Lyons Constr. Co., 1955 Webster St.  
 Architect—Alben Froberg, 1955 Webster. \$8500

**CHURCH**  
 (341) 1619 96TH AVE., OAKLAND. One-story church.  
 Owner—Nazarene Church, Prem.  
 Contractor—Henry Nelson, 1039 Cherry Way, Hayward.  
 Architect—Not Given. \$1600

**DWELLING**  
 (342) 3214 ALLENDALE AVENUE, OAKLAND. One-story 5-room dwelling.  
 Owner & Builder—J. S. Flagg, 3450 Morcom St.  
 Also garage, \$500.  
 Architect—Not Given. \$3500

**DWELLING**  
 (343) 4000 WHITTLE AVE., OAKLAND. One-story 5-room dwelling.  
 Owner—Margaret L. Lervik, 1239 60th Ave.  
 Contractor—Wm. Hughes, 1239 60th Ave.  
 Also garage \$100.  
 Architect—Not Given. \$2500

**DWELLING**  
 (344) 5271 HARBOR DR., OAKLAND. Two-story 6-room dwelling.  
 Owner & Builder—Folke Wallin, 7529 Outlook Ave.  
 Architect—Not Given. \$6000

**SAN FRANCISCO COUNTY**  
 No. Owner Contractor Amt.  
 211 P T & T Co Harney 1349

**CONDUIT**  
 (211) 19th AVE from Sloat Blvd. to Taraval St Underground conduit.  
 Owner—The Pacific T. & T. Co.  
 Architect—Not Given.  
 Contractor—Charles L. Harney.  
 Filed Nov 18, 37 Dated, Nov. 12, 37  
 Upon completion 75%  
 40 days after completion 25%  
 TOTAL COST Not Specified.  
 Bond, \$2,349.00 Sureties, Pacific Indemnity Co. Plans and specifications filed.

**ALAMEDA COUNTY PERMITS UNDER \$1000**

ALTERATIONS, \$250; 2928 Prince, Berkeley; owner, Mr Norwood. Prem. contractor, H. Christensen, 2623 College Ave.

ADDITIONS, \$840; 1138 Euclid Ave., Berkeley; owner, H. M. Evans. Prem.; contractor, C. O. Bradkoff, 911 55th St., Oakland.

ALTERATIONS, \$150; 900 Regal Rd., Berkeley; owner, W. Brown. Prem. contractor, W. M. Livingston & Son, 1152 Euclid.

ALTERATIONS, \$75; 601 San Luis Rd., Berkeley; owner, Bolte, Prem.; contractor, A. L. Peters, 223 Duncan Way, Oakland.

SIGN, cloth, 4609 Foothill Blvd., Oakland; owner and contractor, Arden Farms, Inc., 2400 Grove St

SIGN, metal, \$100; 2919 Broadway, Oakland; owner, Mr. Whitacre. Prem. contractor, R. Selden, 597 19th St.

GARAGE, 1-story, \$40; 5750 Hermann St., Oakland; owner and contractor, J. P. Mullen, Prem.

RE-ROOF, \$85; 11th and Alice Sts., Oakland; owner, City of Oakland. Prem.; contractor, Copper Roofs Co. of Northern Calif., 2295 San Pablo Ave., Berkeley.

REPAIRS, roof, \$12; 1336 16th St., Oakland; owner, J. J. Van Lohen Sels, 2747 Woodsey St., Berkeley; contractor, Guy Tye & Sons, 1502 Cedar St., Berkeley.

ADDITION, \$435; 3844 Foresthill Ave., Oakland; owner, H. Bishop, Santa Cruz; contractor, A. W. Foster, 6324 Camden St.

WRECK two buildings, \$75; 401 Alcatraz Ave., Oakland; owner and contractor, A. F. Wallace, 1114 E. 19th St.

REPAIRS, \$75; 4661 Park Blvd., Oakland; owner, Walter Eggers. Prem. contractor, Louis A. Cruz, 986 Aileen St.

ALTERATIONS, \$500; 2819 Broadway, Oakland; owner, Pacific Woodeware & Paper Co., 501 Folsom St., San Francisco; contractor, K. E. R. Johnson, 2431 McKinnley Ave.

GARAGE, 1-story, \$300; 1758 Indian Way; owner, and builder, John T. Madden, premises.

ALTERATIONS, \$100; 2519 E 15th St., Oakland; owner and contractor, Mrs. L. Perry, premises.

REPAIR roof, \$280; 1449 Eliza St., Oakland; owner, A. C. McLean, premises; contractor, American Roofing Co., 383 40th St.

SIGNS, 3 clock, \$10 each; 3229 East 14th St., Oakland; owner & contractor, K. Yokomizo, premises

SIGN, metal, \$20; 1927 73rd Avenue, Oakland, owner Darigen Creameries; contractor, Aohy Sign Co., 1910 E 14th St.

SIGN, metal, \$15; 1836 E 15th St., Oakland; owner, E. Czarmickl; contractor, Tobey Sign Co., 1910 E 14th St.

ALTERATIONS, \$200; 792 Neilson, Berkeley; owner and contractor, W. Anderson, premises

GARAGE, \$500; 1635 Milva, Berkeley; owner, Mrs. Koford, 827 Warfield, contractor, C. M. Teigland, 525 49th St., Oakland

ALTERATIONS, \$150; 2338 Shattuck Ave., Berkeley; owner, T. W. Corder, 67th and Bay Streets; contractor, C. K. Sprinkling, 330 62nd St., Oakland.

ALTERATIONS, \$200, 211 Piedmont Ave., Berkeley; owner Chi Omega premises, contractor, The Art Smith Shop, 1804 Harmon

ROOFING, \$200; 116 Elm Avenue, Piedmont; owner, K. C. Rich, premises, contractor Bay Cities Asbestos Co., 5th Ave and E

ALTERATIONS \$100; 3008 Russell, Berkeley; owner, Mrs. Loathley, Prem.; contractor, C. V. Rogers, 1509 Bancroft Way

RE-ROOF, \$72; 1203 Allston Way, Berkeley; owner, M. Cory, 2400 Haste, contractor W. R. McMahon, 3135 Ellia.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants |
| 2.—Bands                        | 12.—Power Plants                |
| 3.—Churches                     | 13.—Public Buildings            |
| 4.—Factories and Warehouses     | 14.—Fire Houses and Jails       |
| 5.—Flats                        | 15.—Residences                  |
| 6.—Garages and Service Stations | 16.—Banks, Stores and           |
| 7.—Federal Buildings            | 17.—Theatres                    |
| 8.—Club Buildings               | 18.—Wharves & Docks             |
| 9.—Hospitals                    | 19.—Misc. Const.                |
| 10.—Hotels                      | 20.—Misc. Supplies &            |

## 1—APARTMENTS

### CONTRACT AWARDED

LOS ANGELES, Calif.—Max Zimler, 836 S. Sycamore St., awarded contract for construction of a two-story 18-unit 46-room Colonial style apartment building at Eleventh St. and Westminster Ave. for R. G. Wackerhaath. Mr. Zimler is taking segregated bids. Edith Northman, architect, 3052 W. Pico Blvd., Los Angeles. 1

### Sub Contracts Awarded

APARTMENTS Est. Cost, \$20,000  
SAN MATEO, San Mateo Co., Calif.  
Lot 3, Block 11, San Mateo Dr. New apartment building.  
Owner—J. E. Clark, c/o Contractor. Architect—Angus McSweeney, 604 Mission St., San Francisco.

Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Plumbing—H. I. Lauder, 218 Lorton Ave.  
Mill Work—Pacific Mfg. Co., Santa Clara.

### Revised Plans To Be Refigured.

APARTMENTS Est. Cost, \$70,000  
SAN FRANCISCO, SW Pierce and Sacramento Streets.

Three-story Class B apartment house (18 apts.) steel and reinforced concrete construction, metal bath, canvas walls, stall showers, elevator.

Owner—Robert Realty Co., c/o Architect.

Architect—H. C. Baumann, 251 Kearny Street.

Revised plans for a 3-story instead of a 7-story building will be refigured very shortly by a selected list of contractors.

## 3—CHURCHES

### PLANS BEING FIGURED

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Architects M. L. Barker and G. Lawrence Ott; Laurence D. Vliet, associated, 624 South La Brea Ave., Los Angeles, are taking bids from a selected list of contractors for a church to be built at the St. Charles Parish, North Hollywood, for the Roman Catholic Archdiocese of Los Angeles. Rev. Harry Meade, pastor. Bids will be opened in the office of the Archbishop, 710 Petroleum Securities Bldg., 714 W. Tenth St., Los Angeles. 3

### CONTRACT AWARDED

INGLEWOOD, Los Angeles Co., Cal.—J. E. Wilson, 944 E. 65th St., Inglewood, awarded contract for a new edifice on the northeast corner

of Centinela Blvd. and Warren Lane, Inglewood, for the Church of Jesus Christ of the Latter-Day Saints. Cost, \$40,000. Pope & Burton, architects, 2102 Buckingham Rd., Los Angeles. 3

## 4—FACTORIES & WAREHOUSES

### PLANS BEING FIGURED

LOS ANGELES, Cal.—Until Dec. 6, 2 p.m., Architects Marsh, Smith & Powell, 508 Architects' Bldg., are taking bids from a selected list of bidders for construction of the first unit (20 x 160 ft.) of the new Goodwill Industries plant at 324 San Fernando Road. Three additional units, a transportation building, administration building and chapel and welfare unit are contemplated later. Following is complete list of contractors invited to submit bids: Atlas Constr. Co., 39 Congress St., Pasadena; Steed Bros., Inc., 942 E. Main St., Alhambra; Pozzo Constr. Co., Ltd., 2403 Riverside Dr., Los Angeles; Myers Bros., 3407 San Fernando Road; K. R. Bradley, 1833 W. Pico Blvd.; Stanton-Reed Co., 816 W. 5th St.; Ford J. Twaits Co., 816 W. 5th St., all of Los Angeles. 4

### Bids In—Held Unopened

FACTORY BLDG. Cost, \$.....  
BERKELEY, Alameda Co., Cal. 4th and Cedar Streets.

One-story addition to existing factory building (50 x 100 feet), steel sash, fire doors, sprinkler system.

Owner—Pacific Paint & Varnish Co., 4th and Cedar Sts., Berkeley.  
Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Plans were figured by a closed selected list of contractors.

Bids are in and are being held unopened pending expected return next week of owner from the East.

### Correction in Sub Contracts ADMINISTRATION BLDG.

Cost, \$.....

EMERYVILLE, Alameda Co., Cal. Four-story reinforced concrete administration building.

Owner—Shell Development Co., 53rd and Horton Sts., Oakland.  
Plans by Eng. Dept. of Owner.

Contractor—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland.

Lindum—J. E. Higgins Co., 1930 Van Ness Ave.

Hardwood Floors—Acme Floor Co., 1051 Mission St.

It was previously reported in error that J. E. Higgins Company had been awarded the sub contract for hardwood floors.

Complete sub contracts published Oct 19

### CONTRACT AWARDED

LONG BEACH, Cal.—F. J. Twaits Co., 816 W. 5th St., Los Angeles, has been awarded general contract for construction of superstructures of two six-story additions at 1601 West 7th St., Long Beach, for Proctor & Gamble Mfg. Co.; One Elevator Co., 300 E. 8th St., Los Angeles, awarded contract for furnishing and installing elevator. J. H. Davies, structural engineer, Ocean Center Bldg., Long Beach. 4

### Contract Awarded

FACTORY BLDG. Cont. Fr., \$12,877  
BERKELEY, Alameda Co., Calif. 4th and Cedar Streets.

One-story addition to existing factory bldg. (50x100-ft.) steel sash, fire doors, sprinkler system.

Owner—Pacific Paint & Varnish Co., 4th and Cedar Sts., Berkeley.

Engineer—W. H. Ellison, Pacific Bldg., San Francisco.

Contractor—F. R. Siegrist, 604 Mission St., San Francisco.

Complete bids follow:

F. R. Siegrist	.....	\$13,877
Miller Construction Co.	.....	14,416
Fred K. Du Puy	.....	14,696
The Austin Company	.....	14,993
H. J. Christensen Co., Oakland	.....	14,993
Earrett & Hill	.....	16,466
Lindgren & Swinerton, Inc.	.....	17,454
Miller & McGillis	.....	19,680

All of San Francisco unless otherwise noted.

## 5—FLATS

### Completing Plans

FLATS Cost, \$12,000  
SAN FRANCISCO, University Terrace.

Two-story frame flat building (five rooms) composition and shingle roof, steam heating system, tile baths, wood sash, hardwood floors.  
Owner and Builder—J. D. Murphy, Architect—A. H. Larsen, 333 Kearny.

## 6—GARAGES & SERVICE STATIONS

### Contract Awarded

SERVICE STATION  
SAN FRANCISCO, SE 19th Avenue and Judah Street.

Steel gasoline service station.

Owner—Union Oil Co. of California, Mill Tower.

Plans by Engineering Dept. of Owner  
Contractor—Fred J. Early, Jr., 369 Pine St., San Francisco. \* 6

### Plans Being Figured—To Close Dec. 1, Noon.

GARAGE Cost, \$.....

LOS GATOS, Santa Clara Co., Calif.

One-story reinforced garage building.

Owner—Peerless Stage Company.  
Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Plans are being figured by a selected list of contractors.

## 7—FEDERAL BUILDINGS

Bid Opening Postponed Until December 15

OFFICERS' & N.C.O. QUARTERS

HICKAM FIELD, T. H.

Construct and complete 42 sets of

N. C. O. Quarters (37 buildings),

estimated cost, \$352,000; 29 sets

of Field and Company Officers'

Quarters (39 buildings), estimated

cost, \$599,000, together with all

utilities thereto.

Owner—U. S. Government (Captain

H. B. Nurse, Constructing Quar-

termaster).

Plans prepared by the Office of the

Quartermaster General, Constructing

Division, Washington, D. C.

Bids will be received by the Constructing

Quartermaster, Fort Mason, San Francisco,

until 1:30 p.m., P.S.T., December 15, or by the Purchasing

and Contracting Officer, Hickam Field, T. H., until 11 a.m.,

H.S.T., December 15.

Plans and specifications obtainable

from the office of the Constructing

Quartermaster, Fort Mason, San

Francisco, upon deposit of a certified



check for \$10, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Shafter, T. H. Limitation of cost of officers' quarters is fixed at \$12,500 each; limitation of cost of Field Officers' Quarters is fixed at \$14,500 each. (5618) 1st report Nov. 2, 1937. \* 7

**BIDS WANTED**

**SAN DIEGO, Cal.**—Until Dec. 14, 11 a. m., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for Galley, Bakery and Cold-Storage Equipment at the Naval Operating Base (Air Station), San Diego, under Spec. 8585. Estimated cost, \$90,000.

Work includes the furnishing and installing of the following: (1) Galley, cafeteria, accessory equipment and certain piping and electrical connections; (2) bakery equipment and certain piping and electrical connections; (3) cold-storage plant and certain piping and electrical connections. Bids will be received on parts separately and on combinations of parts.

Bidding data obtainable from the above office upon deposit of \$10, check or postal money order, payable to the Chief of the Bureau of Yards & Docks.

**PLANS ON FILE**

**LIVERMORE, Alameda Co., Cal.**—As previously reported, a set of plans and copy of specifications, together with Addendum No. 1, for the construction of and addition to Infirmary Building No. 2 at Livermore, containing approximately 133,000 cu. ft., for which bids will be opened Nov. 30, 1:30 p. m., Veterans' Administration, Arlington Bldg., Washington, D. C., are now on file for examination at the office of the Daily Pacific Builder, 465 Tenth Street, San Francisco. As previously reported, work will include excavating, reinforced concrete, hollow block, tile, slate stair treads, marble work, floor and wall tile, compressed asphalt tile, linoleum, waterproofing, metal work, steel stairs, steel shelving, tile and built-up roofing, metal studs, metal lathing, plastering, carpentry, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevators, outside service connections, etc.

Separate bids will be received for (1) General Construction, including Plumbing, Heating and Electrical Work; and (2) Electric Elevator.

Plans and specifications may be obtained from the Construction Service, Room 764, Arlington Bldg., Washington, D. C., or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Cal. No deposit required.

**BIDS OPENED**

**PORT ANGELES, Wash.**—Henry L. Grohne, Decatur, Ill., at \$1,778 submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for a parachute packing loft in the Seaplane Hangar at the U. S. Coast Guard Air Station at Port Angeles.

Complete bids follow:  
Henry C. Grohne, Decatur, Ill.: \$1,778; (a) deduct \$300.  
A. W. McLean, Port Angeles, Wash.: \$1,804.

Western Const. Co., Seattle, \$2,365; (a) deduct \$410.

Sig Larson, Port Angeles, Wash.: \$2,843.50; (a) deduct \$500. 7

**CONTRACT AWARDED**

**VACAVILLE, Solano Co., Calif.**—Lombard & Ludwig, Washington, D.

C., at \$40,000 awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models of the U. S. P. O. at Vacaville. 7

**BID OPENED**

**UKIAH, Mendocino Co., Calif.**—H. R. Grohne, Decatur, Ill., at \$74.00 submitted only bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for sidewalks and street curbs at the U. S. P. O. at Ukiah. 7

**PLANS BEING REVISED**

**SEATTLE, Wash.**—Plans are now being revised for improvements to the Power Plant, Naval Air Station, Seattle, for which bids were scheduled to have been opened by the Navy Department Nov. 24, and is now postponed until further notice. Spec. 8559, estimated cost, \$25,900.

**BIDS WANTED**

**TRACY, San Joaquin Co., Calif.**—Until Dec. 15, 10 A. M., bids will be received by the Procurement Division Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. P. O. at Tracy.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Tracy. 7

**Contract Awarded**

**POSTOFFICE, Cont. Pr., \$54,500**  
**SPRINGFIELD, Washington.**  
United States Post Office.  
Owner—United States Government.  
Plans by the Supervising Architect, Treasury Department, Washington, D. C.

**Contract**—Western Const. Co., Tex. file Tower, Seattle.  
(5158) 1st report Sept. 27; 2nd, Nov. 8, 1937. 7

**MATERIALS APPROVED**

**COLUSA, Cal.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office, at Colusa: George Goedhart, general contractor; Panel boards and main switches, Trumbull Elec. Mfg. Co.; rubber-covered wire, Harshaw Cable & Wire Corp.; flush receptacles and flush switches, Harvey Huhbell. 7

**MATERIALS APPROVED**

**BURBANK, Los Angeles Co., Cal.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office, at Burbank; Sarver & Zoss, general contractors; Angle radiator valves, James P. Marsh Corp.; electric water heater, Weslix Electric. 7

**MATERIALS APPROVED**

**SUSANVILLE, Lassen Co., Cal.**—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office, at Susanville: George Goedhart, general contractor; Panel boards, Fouchs Elec. Mfg. Co.; main switch, Bull Dog Elec. Products Co.; rubber-covered wire, Hazard Insulated Wire Works; flush switches and receptacles, Bryant El. Co. 7

**CONTRACT AWARDED**

**SAN DIEGO, Cal.**—King Mehy & Mfg. Co., 1171 E. 3rd St., Los Angeles, at \$3,116 awarded contract by the 11th Naval District for modernization of passenger elevator at the Naval Operating Base (Air Station), San Diego. Spec. 8557. 7

**BIDS OPENED**

**SAN DIEGO, Calif.**—Commercial Refrigerator Distributors, San Diego,

submitted low bid to the 11th Naval District in San Diego, at \$3661, for improvements in refrigeration facilities for barracks at the Naval Operating Base (Marine Corps Base), San Diego; Spec. 8572. Recommendation was made that the contract be awarded to the low bidder. Other bids were: Moore Machine Co., \$3,963; Kohlenberger Eng'g. Corp., \$4,389; Baker Ice Machine Co., \$4,375; Refrigeration Equip. Co., \$4,415; G. R. Abbott, Sr., \$4,441; A-1 Ice Machine Co., \$4,530; Robertson Refrigeration Co., \$5,193; West Coast Gas Engine Co., \$5,731; Freeland Commercial Refrigerator Co., \$5,918. 7

**BIDS OPENED**

**SAN DIEGO, Cal.**—San Diego Elevator & Elec. Co. submitted low bid to the 11th Naval District, Nov. 16, at \$195, for repairs to elevators at the Naval Hospital in San Diego; Spec. 8610. Otis Elevator Co. bid \$200. Recommendation was made that contract be awarded low bidder. 7

**BIDS OPENED**

**RENO, Nev.**—L. F. Dow Co., 1013 N. Sycamore Ave., Los Angeles, at \$32,000 submitted low bid to the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif., for excavation and concrete work at Veterans' Administration Facility, Reno, Treatment Bldg. No. 1, containing approximately 900 cu. yds. of concrete. Work will include excavating for building, reinforced concrete frame and finished concrete steps in platforms, etc.

Bids were taken with an alternate bid for (a) plywood forms in lieu of fiber boards, deduct.

Complete bids follow:  
L. F. Dow Co., Los Angeles, \$32,000, (a) \$300.  
Schuler & McDonald, Inc., Oakland, \$34,443; (a) no bid.  
Walker-Doudwin, Reno, \$35,461; (a) \$361.  
De Luca & Son, San Francisco, \$42,500, (a) \$750.  
Fred J. Early, San Francisco, \$41,416; (a) \$3,000.  
Robert McCarthy, San Francisco, \$44,338; (a) \$1,000.

Bids have been forwarded to Washington, D. C. \*

**CONTRACT AWARDED**

**SAN DIEGO, Cal.**—San Diego Elevator & Elec. Co. at \$195 awarded contract by the 11th Naval District for repairs to elevators at the Naval Hospital in San Diego; Spec. 8610.

**BIDS OPENED**

**SANTA MONICA, Los Angeles Co., Cal.**—Will J. Vernon, 315 E. 32nd St., Los Angeles, at \$99, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster models at the Santa Monica Post Office.

Other bids were:  
Frank Hutter, Vernon, \$258  
Harold F. Wilson, L. A., 407  
Kurt Hans, L. A., 494

Bid Opening Postponed Until Dec. 30  
**AIR CORPS BARRACKS, ETC.**  
Cost, \$770,000

**HICKAM FIELD, T. H.**  
Construct and complete four 132-man Air Corps Barracks, one 200-man Air Corps Barracks (Est. cost, \$669,000) and one Quartermaster War-house (Est. cost, \$110,000) together with all utilities thereto. Owner, U. S. Government (Capt. H. B. Nurse, Constructing Quartermaster).

Plans prepared by the Office of the Quartermaster General, Constructing Division, Washington, D. C. Bids will be received by the Con-

structing Quartermaster, Fort Mason, San Francisco, until 1:30 P. M., P. S. T. December 30, or by the Purchasing & Contracting Officer, Hickam Field, T. M., until 11 A. M., H. S. T., Dec. 30.

Plans and specifications obtainable from the office of the Constructing Quartermaster, Ft. Mason, San Francisco, upon deposit of certified check for \$10, payable to the Finance Officer, Fort Mason; or from the Purchasing and Contracting Officer, Hickam Field, upon deposit of certified check for \$50, payable to the Finance Officer, Ft. Shafter, T. H.

## 8—CLUB BUILDINGS

Bid Opening Date Postponed Until December 1, 2 P. M.

### MASONIC TEMPLE

Estimated Cost, \$80,000  
LODI, San Joaquin Co., Calif. East Pine St.  
Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge.  
Architect—Frank V. Mayo, 931 North Eldorado St., Stockton.  
Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Separate bids will be received for (1) general work; (2) electric, heating and plumbing.

Plans and specifications are on file for examination at the office of the engineer and may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the architect's office.

Opening date postponed from November 27.  
(3071) 1st report Aug. 23; 4th, Nov. 15, 1937. 8

Contract Awarded  
ALTERATIONS Cost, \$6,000  
SAN FRANCISCO, 1621 Market St. Alt. Moose Lodge building.  
Owner—Moose Lodge, premises.  
Architect—Not Given.  
Contractor—Mills Const. Co. 605 Market Street. 8

## 9—HOSPITALS

### CONTRACT AWARDED

SAN FRANCISCO.—Love & Haun, 4354 20th St., at \$72, awarded contract by the Department of Public Works, City Hall, for installing new sidewalk and steps at Psychopathic Cancer Building, Potrero Avenue and 22nd St.

Architects Commissioned to Prepare Plans

HOSPITAL Est. Cost, \$700,000  
SAN FRANCISCO, Seventh Avenue and Dewey Blvd., Laguna Honda Home.

New hospital building (400 beds) connecting with present unit and containing x-ray offices, staff offices, operating room and morgue, also reconstruction of ward buildings E and F, containing 400 beds, and reconstruction of employees' dining room, kitchen, etc., facilities, and reconstruction of infirmary building and heating and lighting systems to serve new additions.

Owner—City and County of San Francisco.  
Architects—Dodge A. Riedy, 821 Market St. and Frederick H. Meyer, Kohl Bldg., San Francisco.

### BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—S. C. Giles, 121 W. Knoles Way, Stockton, at \$10,987.00 submitted low bid to Geo. B. McDougall, State Ar-

chitect, Public Works Bldg., 12th and N Sts., Sacramento, for erection and completion of a house for dairy help, Stockton State Hospital Farm, near Stockton.

Work consists of a five-room and garage frame dwelling with concrete foundation and asbestos shingle roof, sewer with roadway, grading, and cement walkways.

Only other bid submitted by Campbell Const. Co., Sacramento, at \$11,000.

### BIDS OPENED

TALMADGE, Mendocino Co., Cal.—C. C. Moore & Co., Engineers, 450 Mission St., San Francisco, at \$18,651.00 submitted low bid to George E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for erection and completion of a new 300-h.p. W.T. boiler in the Boiler Plant, Mendocino State Hospital, Talmage.

Work consists of one 300 - h.p. W. T. boiler, complete, with foundation, burner, breeching, piping, and other appurtenances required for complete installation.

Other bidders were:  
Walter S. Leland Co., Walnut Creek ..... \$19,578  
California Steel Products Co., San Francisco ..... 20,795  
R. G. Meyler Corp., L. A. .... 23,300

## 11—ICE AND COLD STORAGE PLANTS

### PLANS BEING FIGURED

ESCONDIDO, San Diego Co., Cal.—Until Dec. 1, 9 a.m., bids will be received by the Escondido Orange Assn., Escondido, for a new precooler and an ice manufacturing and storage plant to be built in Escondido. The precooler will be a two-story and basement structure, 60x100 ft. in area, with reinforced concrete walls, wood roof and floor construction, composition roof insulation. The ice plant will be an L-shaped structure, 30x150 ft. in area, and will be the same construction as the other building. Mark Falk, Washington Bldg., Los Angeles, structural engineer. Following invited to submit bids: Hatman & Co., 4540 Cutter St., Los Angeles; Wm. P. Neil Co., 4814 Loma Vista, Los Angeles; MacIsaac, Craig & Hansen, 6624 S. Stanford Ave., Los Angeles; Gay Engineering Corp., 2730 E. 11th St., Los Angeles; Walter Trent, 631 Ninth Ave., San Diego; M. H. Golden, Bank of Amer. Bldg., San Diego. 11

## 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

### CONTRACT AWARDED

SALINAS, Monterey Co., Calif.—Standard Electric Time Co. of California, 268 Market St., San Francisco, at \$1,213, awarded contract by the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of a complete electric clock system for the Monterey County Courthouse, at Salinas.

Complete bids published Nov. 16, 1937.

### CONTRACT AWARDED

SALINAS, Monterey Co., Calif.—Barrett & Hilt, 918 Harrison Street, San Francisco, at \$6,600, awarded contract by the Board of Supervisors (C. F. Joy, Clerk), County of Monterey, for furnishing and installation of certain cast travertine stone and bronze work for the interior court of the Monterey County Courthouse, Salinas.

Low Bidder  
ADDITION Cost, \$.....  
PACIFIC GROVE, Monterey Co., Cal. Addition of new wing to the city library building (lecture rm., stock room, children's rooms, etc.)  
Owner—City of Pacific Grove (Erwin Dames, city manager).  
Architect—C. J. Ryland, Carmel and Monterey.

Low Bidder—Chas. M. Hall, 413 Walnut St., Pacific Grove, \$7,180.

### AWARD RECOMMENDED

HUNTINGTON BEACH, Orange Co., Cal.—Brunzell & Jacobsen, 2150 Princeton Ave., Los Angeles, submitted low bid to Huntington Beach City Council for a beach pavilion and civic auditorium to be built in that city, a PWA project. Recommendation was made to PWA that contract be awarded the low bidders at \$48,882, which is based on a normal bid of \$50,882 with a deduction of \$2000 for use of fir piles in lieu of cement. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, architects; E. A. Evans, 1006 Pacific Commerce Bldg., Los Angeles, structural engineer. 13

### AWARD RECOMMENDED

SAN BERNARDINO, CALIF. R. L. Hummer, 2201 Arrowhead Ave., San Bernardino, at \$11,700, with an alternate bid of \$7,425, submitted low bid and was recommended for award to the San Bernardino City Council for a heating and air-cooling system to be installed in the new City Hall, located at 416 Third St., San Bernardino.

Other bids were:  
W. S. Kilpatrick & Co., Los Angeles—\$11,990, alt. \$7,980.

C. E. Traverse, Los Angeles—\$12,114, alt. \$7,426.

Refrigerating Equip. & Supply Co., Ltd., San Bernardino—\$15,163, alt. \$9,170. 13

### CONTRACT AWARDED

SAN FRANCISCO.—M Greenberg's Sons, 765 Folsom St., at \$65.00 was awarded contract by the Department of Public Works, City Hall, for furnishing and installing two bronze signs 2x11-inches at Main Library, McAllister and Larkin Streets.

Bids Rejected.—To Ask New Bids  
ADDITION Cost, \$.....  
PACIFIC GROVE, Monterey Co., Cal. Addition of new wing to the city library building (lecture rm., stock room, children's rooms, etc.)

Owner—City of Pacific Grove (Erwin Dames, city manager).  
Architect—C. J. Ryland, Carmel and Monterey.

Bids received November 17 were rejected and new bids will be asked December 1, with the bid opening date set tentatively at Dec. 15, 7:30 P. M.

Plans and specifications may be obtained from the architect's office, 136 Bonifacio Place, Monterey upon deposit of \$10. Bids must be filed with City Clerk Eltin C. Hurlburt and will be opened in the city hall. At previous bid opening, Chas. M. Hall, 413 Walnut St., Pacific Grove, at \$7,180, submitted low bid.

## 14—RESIDENCES

BERKELEY, Alameda Co., Cal. 982  
Contract Awarded

RESIDENCE Cost, \$6,950  
Carmel

Two-story frame residence (5 rooms).  
Owner—H. M. Jacobs.  
Architect—Not Given.  
Contractor—W. L. Brodrick, 640 Arlington St. 14

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$8,000  
**SAN FRANCISCO**, W. Santa Paula,  
 100 ft. S. Yerba Buena Blvd.  
 Two-story and basement frame residence.

**Owner**—R. A. Clarke, c/o Contractor.  
**Architect**—W. G. Merchant, 406 Ruse Bldg.  
**Contractor**—J. Prout, 2530 Fillmore Street.

**Roofing**—W. J. Anderson, 3825 Army Street.

**Plumbing**—H. B. Williamson, 1067 Plymouth Av.

**Electric Wiring**—Richmond Electric Co., 1370 40th Ave.

**Heating & Sheet Metal**—New Mission Sheet Metal Works, 3401 Mission Street.

**Tile Work**—Scott Co., Inc., 243 Minna Street.

**Glass**—Habenicht & Howlett, 529 Clay Street.

**Iron Grille Work**—Ace Iron Works, 9 Decatur St.

**Brick & Stone Work**—Wm. A. Rainey & Son, 323 Clementina St.

**Lumber**—Acme Lumber Co., 6th and Channel Sts.

**Mill Work**—Acme Mfg. Co., Inc., 345 Bayshore Blvd.

**Painting**—Otto Risp, 591 Munich St.

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$

**TRACY**, San Joaquin Co., Calif.  
 One-story residence (5 rooms) Basalite wall construction, shingle roof, gas warm air heating system, hardwood floors, tile baths.

**Owner**—G. M. Powell, c/o Architect.  
**Architect**—Hertzka and Knowles, 369 Pine St., San Francisco.

**To Be Done By Day's Work**  
**RESIDENCE** Est. Cost, \$8,000  
**SAN FRANCISCO**, Monterey Hgts.

One and one-half story frame, wood siding residence (5 rooms), composition shingle roof, hot air heating system, hardwood floors, tile bath, laundry room.

**Owner & Builder**—A. A. Wolter, 90 Ravenwood Dr.  
**Architect**—Albert H. Larsen, 333 Kearny St.

**Completing Working Drawings**  
**RESIDENCE** Cost, \$

**SANTA ROSA**, Sonoma Co., Calif.  
 One-story frame and stucco residence (5 rooms) hardwood floors, linoleum bath, wood sash, shake roof, plaster interior, two-car garage.

**Owner**—C. W. Douglas, c/o architect.  
**Architect**—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Upon completion of plans general figures will be taken by the architect.

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**SAN FRANCISCO**, W. 20th Ave., 50 ft. S. Sloat Blvd.

Two-story and basement frame residence.  
**Owner**—A. Forsell, 500 Fell St.  
**Architect**—Not Given.  
**Contractor**—Adolf Strate, 190 Moneta Way. 14

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$8,000  
**BURLINGAME HILLS**, San Mateo Co., Cal. Lots 8 and 10, Blk. 7.

Two-story frame and stucco residence.  
**Owner**—A. H. Bevilockway, 1124 El Camino Way, Burlingame.  
**Architect**—Not Given.  
**Contractor**—Pennausa Builders, 1150 Burlingame Ave., Burlingame.

**Plumbing**—H. R. Park, 1250 Broadway, Burlingame.

**Foundations & Concrete**—A. M. Hansen, Belmont.

**Lumber**—San Mateo Planing Mill Co., 5th and Claremont Sts., San Mateo.

**Homesite**—Arthur H. Meyn Co., Burlingame. 14

**Plans Being Figured — Bids Close**  
 November 24

**DUPLEX** Cost, \$

**OAKLAND**, Alameda Co., Calif.  
 One-story and basement frame and stucco residence.

**Owner**—Withheld.  
**Architect**—Wm. E. Schirmer, 427 13th St., Oakland.

Plans are being figured by the following select list of contractors:  
 Clarence H. Thrans, 28 Home Pl.  
 D. W. Nicholson, 357 12th St.  
 John J. Moore Co., 354 Hobart St.  
 Henry Glynn, 6023 Colby St.  
 All of Oakland.

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$7,000  
**LAKEPORT**, Lake Co., Calif.

One-story frame and stucco residence (5 rooms) hardwood floors, tile bath, shingle tile roof, air-conditioning system.  
**Owner**—Clark Wood, c/o Architect.  
**Architect**—John Easterly, Healdsburg and Santa Rosa.

**Contractor**—C. E. Beach & Son, P. O. Box 457, Lakeport.

**Contract Awarded**  
**RESIDENCE** Cost, \$8,000  
**MILLBRAE**, San Mateo Co., Calif.

One-story frame and stucco residence (hardwood floors, tile baths etc.)  
**Owner**—A. C. Schwager, c/o Architect.

**Architect**—W. W. Wurster, 260 California St., San Francisco.

**Contractor**—C. Bessett Bldg. Co., 826 Walnut Ave., Burlingame.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$6,000 each  
**SAN FRANCISCO** 42nd Avenue and Virginia Street

Four 1½-story residences, frame and wood siding (5 rooms each) composition shingles roofs, hot air heating systems, tile baths, wood sash, hardwood floors, garages.

**Owner & Builder**—Golden Gate Investment Co., 33rd Ave. and Rivera St.  
**Architect**—A. H. Larsen, 333 Kearny.

**15— SCHOOLS**

**Award Recommended**  
**SCHOOL BLDG.**

**PORTERVILLE**, Tulare Co., Cal.  
 New Bertlett High School (7 classrooms, library, administrative offices, six special rooms, sewing, domestic science, manual training and music rooms), reinforced concrete construction.

**Owner**—Porterville Union High School District.  
**Architect**—W. D. Coates, Rowell Bldg., Fresno.

**Structural Engineer**—F. W. Kellberg, 320 Market St., San Francisco.

**Low Bidder**—Trevitt-Shields and Fisher, Pacific Southwest Bldg., Fresno-3136/9.

Trustees of Porterville Elementary District recommended to PWA the award of contract to be made to low bidder.

**Bids Wanted—To Close Dec. 6**  
**SCHOOL** Cost, \$60,000  
**TAFT**, Kern Co., Cal.

Fort City School, 1 story, frame and stucco construction, 4 classrooms combination gymnasium-auditorium with stage, offices, dressing rooms, etc.

**Owner**—Taft School District.

**Architect**—Chas. H. Biggar, Habersfelds Bldg., Bakersfield. 15

**Bids Opened**  
**SHOP BLDG.** Cost, \$

**DANVILLE**, Contra Costa Co., Calif.  
 Alamo Road.

One-story frame shop building addition to San Ramon Valley High School.

**Owner**—San Ramon Union High School District.  
**Architect**—Norman R. Coulter, 46 Kearny St., San Francisco.

**Low Bidder**—Lewis and Clark, 1002 California Bldg., Oakland, \$9,951.

Total bids given here are a combination of Propositions 1, 4 and 6, for constructing the shell, plastering and flooring.

Complete bids follow:  
 Lewis and Clark \$ 9,921  
 Empire Construction Co. 10,007  
 Laurie Neilson 10,156  
 Graham and Jensen 10,760  
 Mark Bristol 10,779  
 Fred K. Du Puy 11,769  
 Robert McCarthy 12,038

(1811) 1st report March 23; 11th, Nov. 3, 1937. 15

**LOW BIDDER**  
**GORMAN**, Los Angeles Co., Calif.

—J. S. Orr, 920 W. 76th St., Lancaster, submitted low bid to the Quail Lake School District at \$27,400 for a 1-story school building to be built at Gorman. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles. 15

**Bids Opened**  
**HIGH SCHOOL** Cost, \$57,765  
**POINT ARENA**, Mendocino Co., Cal.

One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agriculture room, library and auditorium to seat 300.

**Owner**—Point Arena Union High School District.  
**Architect**—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

**Low Bidder**—A. O. Lightfoot, c/o McDuffy's Braach, Covelo, \$57,800.

Complete bids follow:  
 A. O. Lightfoot \$ 57,800  
 Louis Halvorsen 58,250  
 Fred J. Maurer 59,000  
 M. R. Peterson 61,980  
 A. Nelson, Inc. 62,987  
 Robert McCarthy 63,888  
 F. C. Stolte Co. 64,948  
 N. H. Sjoberg & Son 66,374  
 DeLuca & Son, Inc. 67,648

**BIDS WANTED**  
**NATIONAL CITY AND CHULA VISTA**, San Diego Co., Cal.—Until Dec. 6, 7:30 p.m. bids will be received by the Sweetwater Union High School District for a domestic science-cafeteria-classroom building, manual arts building and a physical education building to be built at National City Junior High School; also for domestic science-cafeteria bldg., manual arts building and a physical education building to be built at Chula Vista Junior High School, a PWA Project. Plans obtainable from Architects Kistner & Curtis, 675 Spreckels Bldg., San Diego, upon deposit of \$5; returnable. Certified or cashier's check or bond for 5% required. 15

**BIDS WANTED**  
**LONG BEACH**, Cal.—Until Dec. 8, 4 p.m. bids will be received by the Long Beach Board of Education for rehabilitating the auditorium building at the Wilson High School site. Plans may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of \$25. Certified or cashier's check or bond for 5% must accompany.

pany each bid. Estimated cost, \$125,000. W. Horace Austin, architect, 532 Chestnut Ave., Long Beach. 15

**Bids Wanted—To Close Dec. 6, 8:00 P. M.**  
**SCHOOL.** Est. Cost, \$105,091.  
**FRUITRIDGE**, Sacramento Co., Cal. One-story frame school building containing 14 classrooms and an assembly room with stage, lavatories, office, waiting room, nurses' room, teachers' room, and kitchen; wooden roof trusses, stucco walls, shingle roof, direct radiation heating, floor area of 26,840 sq. ft.

Owner—Fruitridge School District.  
 Architect—Charles Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the assembly room of the present Fruitridge school.

Following have taken out plans:  
 Charles F. Unger, 2426 Seventh Ave.

Azevedo Constr. Co., 920 O St.  
 Lawrence Constr. Co., 2574 18th St.  
 Wm. C. Keating, 1121 24th St.  
 Campbell Constr. Co., 800 R St.  
 Holdener Constr. Co., 2608 R St.  
 All of Sacramento.

**Contract Awarded**  
**SCHOOL.** Cont. Pr., \$16,364.  
**STEVENSON**, Merced Co., Calif. One-story frame and stucco school building, concrete foundations, corridors, floors and toilet room floors; four classrooms, activity classroom and assembly with stage, office and toilet facilities; wood roof with tile covering, metal lath or gypsum wall board interior.

Owner—Merquin Union School District, Merced County.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Contractor—C. A. Hillberg, P.O. Box 52, Turlock.

**Plans Approved**  
**AUDITORIUM.** Est. Cost, \$120,000.  
**KING CITY**, Monterey Co., Cal. New High School Auditorium building; stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1000, foyer, toilet facilities, closets, check room, ticket room, etc.

Owner—King City High School District.  
 Architect—Robert Stanton, Hotel Del Monte, Del Monte.  
 PWA allotted grant in the amount of \$54,000, Docket No. 1591, to assist in financing.

Plans and specifications have been approved by the State Division of Architecture and are now awaiting PWA approval.

**BIDS WANTED**  
**BANNING AND PALM SPRINGS**, Riverside Co., Cal.—Until Dec. 14, 7:30 p.m., bids will be received by the Banning Union High School District for a new high school building to be built in Banning and a new branch high school to be built in Palm Springs, a PWA project. Plans are available at the office of G. Stanley Wilson, architect, 3616 Main St., Riverside, upon deposit of \$50. The Banning building will be a one-story, irregular shaped structure, extreme dimensions 115 x 329 ft. The Palm Springs school will consist of two 1-story wings, one approximately 196 x 40 ft. in area, and the other

approximately 196 x 36 ft. Total estimated cost, \$250,000. 15

**BIDS WANTED**  
**SAN DIEGO**, Cal.—Until Dec. 6, 7:30 p.m., bids will be received by the San Diego Unified School District for a music room addition to the Horace Mann junior high school, Park Blvd. and El Cajon Ave., San Diego. Plans are on file with Architect Wm. H. Wheeler, 2101 Commercial St., San Diego. Certified check or bond for 2% required. 15

**BIDS WANTED**  
**ANAHEIM**, Orange Co., Cal.—Until Dec. 6, 7:30 p.m., bids will be received by the Anaheim Elementary School District, 210 S. Citrus Street, Anaheim, for construction of a one-story frame and stucco shop and cafeteria building at the John C. Fremont School in Anaheim, a PWA project. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. 15

**Bids Wanted—To Close Dec. 3**  
**ADDITION.** Est. Cost, \$85,000.  
**KELSO**, Wash. Addition to present school building. Owner—Consolidated School District 29 (Clarence H. Lille, Supt.). Architect—Rounds, Sutton, Whitney & Dugan, Rust Bldg., Tacoma.

Plans obtainable from the architect's office.

**Contract Awarded**  
**SHOP BUILDING.** Cont. Pr., \$9,921.  
**DANVILLE**, Contra Costa Co., Calif. Alamo Road.  
 One-story frame shop building addition to San Ramon Valley High School.

Owner—San Ramon Union High School District.  
 Architect—Norman R. Coulter, 46 Kearny St., San Francisco.  
 Contractor—Lewis & Clark, 1002 California Bldg., Oakland.  
 Complete bids published Nov. 23.

**AWARD RECOMMENDED**  
**LOS ANGELES**, Cal.—Willard Lutz 1630 Lyman Place, Los Angeles, submitted low bid to Barstow Union High School District and recommended for award of contract at \$123,000 for a classroom building, administration building and shops to be built in the Barstow high school campus, a PWA project. E. Chas. Parke, Fuller Bldg., San Bernardino, architect; Blaine Noice, Los Angeles, structural engineer. 15

**LOW BIDDER**  
**EL MONTE**, Los Angeles Co., Cal.—Brunzell & Jacobson, 2150 Princeton Ave., submitted low bid to El Monte Union High School District at \$28,859 for construction of a six-room social science hall, the first unit of a complete new high school plant, to be built in El Monte, a PWA project. Marsh, Smith & Powell, architects, 416 W 5th St., Los Angeles. 15

**Bids Wanted—To Close Dec. 7, 7:30 P. M.**  
**SCHOOL.** Est. Cost, \$14,500.  
**MONTEREY CO.**, Cal. Buena Vista School District.

One-story frame school building (two classrooms, coat and lunch rooms, two workrooms, teachers' room, janitor's room, boys' and girls' toilets).  
 Owner—Buena Vista School District.  
 Architect—Chas. E. Butner, 7 Winburn St., Salinas.  
 Plans and specifications obtainable from the architect's office upon deposit of \$15.

Bids will be opened at the school house.

**Preparing Preliminary Plans**  
**SCHOOL.** Est. Cost, \$150,000.  
**SAN FRANCISCO**, De Montford and Jules Avenues.

Class B, twelve-classroom and auditorium elementary parochial school building and convent.

Owner—St. Emydius Parish.  
 Architect—Albert H. Larsen, 333 Kearny St.

**BIDS WANTED**  
**LEMOORE**, Kings Co., Cal.—Until Dec. 14, 8 p.m., bids will be received by the Lemoore Union Elementary School District (A. R. Campbell, Chk. Board of Trustees), for sale of the Washington School Building and its contents, at Fellet and E Streets, Lemoore, and the Manual Training Building and its contents, adjoining the Washington School Building.

Bids must be accompanied by certified check in amount of 10% of bid. Bids will be opened at the Washington Schoolhouse. Lemoore. \* 15

**Bids Opened**  
**SCHOOL BLDG.** Cost, \$.....  
**PORTERVILLE**, Tulare Co., Calif. New high school (7 classrooms, library, administrative offices, six special rooms, sewing, domestic science, manual training and music rooms) reinf. concrete const.

Owner—Porterville Union High School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Low Bidder—Trehwitt - Shields and Fisher, Pacific Southwest Bldg., Fresno, \$136,000.

Following are complete bids:  
 Trehwitt-Shields & Fisher, Fresno: \$136,000; (Alt. A) \$2943; (Alt. B) \$5,927; (Alt. C) \$11,705.

W. W. Pettley, Los Angeles: \$141,400; (A) \$2943; (B) \$6686; (C) \$13,354.  
 Wisco Const. Co., Los Angeles: \$111,557; (A) \$2600; (B) \$6000; (C) \$14,500.

Brunzell & Jacobson, Los Angeles: \$141,962; (A) \$4000; (B) \$4800; (C) \$10,200.

Harris Const. Co., Fresno: \$143,938; (A) \$3542; (B) \$6897; (C) \$14,037.

Midstate Const. Co., Fresno: \$144,444; (A) \$3000; (B) \$6500; (C) \$13,000.

F. C. Stolte Co., Alameda: \$145,700; (A) \$3100; (B) \$7000; (C) \$15,000.

Harvey A. Nichols, Los Angeles: \$145,785; (A) \$2336; (B) \$5855; (C) \$11,441.

Guy A. Hall, Los Angeles: \$154,360; (A) \$3400; (B) \$6950; (C) \$15,800.

**Bids Opened**  
**SCHOOL.** Cost, \$.....  
**FORT BRAGG**, Mendocino Co., Calif. One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) steel trusses.

Owner—Fort Bragg Union High School District.

Architect—W. E. Coffman, Forum Bldg., Sacramento.  
 Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.  
 Low Bidder—M. R. Peterson, 1116 O St., Sacramento, \$231,130.

Complete basic bids follow:  
 M. R. Peterson, Sacramento..... \$231,130  
 Azevedo Const. Co., Sacto..... 236,000  
 John C. Meyers, Stockton..... 238,478  
 A. Nelson, Inc., S. F..... 239,735  
 C. L. Wold Const. Co., Ltd., San Francisco..... 242,732  
 K. E. Parker Co., S. F..... 249,745  
 Fred J. Maurer & Son, Inc., Eureka..... 250,000  
 F. C. Stolte Co., Alameda..... 255,000  
 Complete alternate bids will be published shortly.

**BIDS OPENED**

**VENTURA**, Ventura Co., Calif.—  
Lowdermilk & Carrico, 600 E Front St., Ventura, submitted low base bid to San Buenaventura Elementary School District at \$33,415 for construction of the first unit of a new school plant at Howard Street and Thompson Blvd., Ventura. Roy C. Wilson and G. N. Lawford, Say Rd., Santa Paula, architects; Manley Sahlerberg, architects' Bldg., Los Angeles, structural engineer.

Complete bids follow:  
Lowdermilk & Carrico, \$33,415 (1) deduct \$993 (2) deduct \$1050 (4) deduct \$790 (5) deduct \$375.  
Hansen & Izer, \$33,597; (1) \$2190 (2) \$2138 (3) \$1130 (4) \$1340 (5) \$466.  
Geo. MacLeod, \$33,756; (1) \$1834 (2) \$1792 (3) \$1098 (4) \$1022 (5) \$534.

J & B Const. Co., \$37,755; (1) \$2081 (2) \$2656 (3) \$1123 (4) \$1615 (5) \$559  
Brunzell & Jacobson, \$39,797 (1) \$3240 (2) \$3050 (3) \$1055 (4) \$1640 (5) \$582.

J. S. Metzger & Son, \$41,390 (1) \$1-877 (2) \$2136 (3) \$1000 (4) \$624 (5) \$344.

L. A. Geisler, \$42,329 (1) \$1449 (2) \$1710 (3) \$3380 (4) \$1369 (5) \$125. 15

**LOW BIDDER**

**SAN MARINO**, Los Angeles Co., Cal.—Harry E. Miller, 7530 S Hobart Blvd., Los Angeles, submitted low bid to San Marino Elementary School District at \$94,490 for construction of a 5-classroom and kindergarten addition to the Henry E. Huntington school in San Marino, a PWA project. Marshall Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. 15

**BIDS OPENED**

**MOJAVE**, Kern Co., Calif.—Atlas Const. Co., 39 Congress St., Pasadena, submitted low bid to Mojave School District at \$98,500 for construction of a new reinforced concrete school building in Mojave, a PWA project. Bids were referred to the architect, A. C. Zimmerman, 709 H. W. Hellman Bldg., Los Angeles. Building will contain 7 classrooms, a 2-room kindergarten, kitchen, offices and auditorium to seat 406 persons.

Complete bids follow:  
Atlas Const. Co., \$108,300, (1) substituting exposed concrete exterior for granite, deduct \$400, (2) omitting attic ventilating system, deduct \$2,500, (3) omitting kindergarten partitions and exterior kindergarten wall deduct \$800, (4) omitting weatherstrips, deduct \$650; (5) omitting window ventilators, deduct \$270; (6) omitting tile sewage disposal facility and substituting cesspools, deduct \$2-000.

Archibald & Singleton, \$110,455 (1) deduct \$1000 (2) \$1400 (3) \$200 (4) \$640 (5) \$236 (6) add \$80.

H. A. Nichols, \$110,832 (1) add \$1-500 (2) \$1807 (3) \$432 (4) \$640 (5) \$594 (6) add \$80.

F. J. Daum, \$112,000 (1) add \$1400 (2) \$1335 (3) \$550 (4) \$690 (5) \$250 (6) add \$80.

H. Mayson, \$112,414 (1) add \$200 (2) \$1444 (3) \$844 (4) \$639 (5) \$263 (6) no change.

Andy Sorial, \$113,279 (1) add \$250 (2) \$2406 (3) \$565 (4) \$635 (5) \$690 (6) add \$36.

Andrew Archibald, \$113,974 (1) deduct \$1500 (2) \$2279 (3) \$590 (4) \$690 (5) \$240 (6) deduct \$3.

Baruch Corp., \$115,212 (1) deduct \$470 (2) \$1440 (3) \$1010 (4) \$640 (5) \$250 (6) deduct \$200.

Wesco Const. Co., \$115,505 (1) deduct \$650 (2) \$1740 (3) \$600 (4) \$260 (5) \$640 (6) deduct \$125.

Brunzell & Jacobson, \$115,989; (1) \$687 (2) \$1970 (3) \$558 (4) \$810 (5) \$264 (6) add \$72.

Arthur Pinner, Jr., \$117,768 (1) deduct \$400 (2) \$1533 (3) \$486 (4) \$671 (5) \$276 (6) add \$84.

Three A. Beyer Corp., \$118,423 (1) no change (2) \$140 (3) \$442 (4) \$608 (5) \$250 (6) deduct \$80.

Contracting Engineers Co., \$119,000; (1) add \$1000 (2) \$1800 (3) \$750 (4) \$650 (5) \$250 (6) no change.

Whittier & Snook, \$121,200 (1) deduct \$375 (2) \$2100 (3) \$1100 (4) \$625 (5) \$275 (6) add \$80.

Carlo Bongiovanni, \$124,400; (1) deduct \$1000 (2) \$1200 (3) \$550 (4) \$640 (5) \$264 (6) no change. 15

**BONDS VOTED**

**KERN CO.**, Cal.—Roseadale Union High School District voted bonds on Nov. 10, in the amount of \$20,000, proceeds to be used to finance improvements to the Roseadale School in Kern County. Plans have been prepared by Ferrine & Mackie (Herbert E. Mackie, Archt.), 908 Western Pacific Bldg., Los Angeles. Construction will be by WPA labor. 15

**Awards Recommended**

**SCHOOL**

**FOWLER**, Fresno Co., Calif. Fourth and Tuolumne Streets.

One-story wood frame school building with concrete floor laid on an earth fill, metal lath and plaster interior walls and partitions, cement stucco exterior walls and a composition roof. The building will contain ten classrooms, each with work alcove, supply space, cloak room. A domestic science department with model dining room and necessary equipment, a library provided with steel shelving, an auditorium to seat 650, principal stage equipment, administrative offices, boys' and girls' rooms, storage space and small basement for boiler room, direct steam radiation with provision for ventilation of auditorium, approximately 27,000 feet.

Owner — Fowler Elementary School District (W. T. Dice, Clerk).  
Architect—Charles H. Franklin, 522 T. W. Patterson Bldg., and Ernest J. Kump, Rowell Bldg., Fresno.  
Structural Engineer — Mark Falk, Washington Bldg., Los Angeles.

Following awards were recommended:

**General Work**  
T. C. & W. H. Irwin, Fresno, \$94,848

**Mechanical Work**  
Frank Hudson, 2141 S. Van Ness, Fresno, \$18,293

**Electric Work**  
Frank G. Lynn, 114 Ashton Ave., San Francisco, \$10,165

**Stage Curtain**  
Healy & Popovich, 818 Helm Bldg., Fresno, \$710

**Contract Awarded**  
**SCHOOL ANNEX** Cont. Pr., \$14,849  
MER-ED, Merced Co., Calif.

One-story frame classroom annex to Galen-Clark School.

Owner — Merced Union Elementary School District.

Architect — Ernest J. Kump, Rowell Bldg., Fresno.

Contractor Lamer & Allen, 130 27th St., Merced.

Complete bid follow: \$14,849  
Lamer & Allen, 14,998  
American & Son, 15,671  
Mark Palmer, 15,677  
I. E. Fritz, 15,877

All of Merced.  
1933-1st report Nov. 8, 1937. \* 15

**BIDS WANTED**

**ALHAMBRA**, Los Angeles Co., Cal. To bid Nov. 8 p.m., bids will be received by the Alhambra City Sch. District for inspecting the heating and ventilating system at the Fremont School. Bidding data ob-

tainable from the secretary, 601 N. Garfield Ave., Alhambra, upon deposit of \$10. Certified or cashier's check or bond for \$5 required. \* 15

**Bids Wanted — To Close December 2, 2:00 P. M.**

**ADDITIONS** Est. Cost, \$85,000  
**DUPONT**, Wash.

Remodel the present school and add three additions.

Owner—School District 7, Pierce Co. Architect — Wm. Mallic, 330 Lyon Bldg., Seattle.

Plans and specifications may be obtained from the architect upon deposit of \$15.

**Plans Completed**  
**GYM** Est. Cost, \$40,000  
**ELK GROVE**, Sacramento Co., Cal.

One-story frame and stucco gymnasium building, at the high school.

Owner—Elk Grove Union High Sch. District.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Plans will be forwarded shortly to the State Division of Architecture at Sacramento for approval.

**Bids Opened**  
**GYM & POOL**  
**WATSONVILLE**, Santa Cruz Co., Cal. Watsonville High School.

One-story reinforced concrete gymnasium with house manual training shop, music room, boys' and girls' shower and dressing rooms, locker and practice rooms, etc., and pool.

Owner—Watsonville Union High Sch. District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA allotted grant in amount of \$56,455 to assist in financing.

**Low Bidder**—Central California Construction Co., Inc., 15 Burrows St., San Francisco—\$99,983.

Bids were forwarded the PWA, with recommendation that contract be awarded low bidder on the basis of acceptance of following: (1) work complete, (2) deduct if gas heating is installed in lieu of steam heating, (3) deduct for omitting swimming pool, but providing for future installation.

Complete bids follow:  
Central California Constr. Co., Inc., San Francisco—(1) \$126,483, (2) \$5000, (3) \$21,500.

Carl N. Swenson Co., San Jose—(1) \$130,400, (2) \$4950, (3) \$20,400.

George J. Maurer, Piedmont—(1) \$133,583, (2) \$4900, (3) \$22,317.

F. C. Stotte, Alameda—(1) \$135,850, (2) \$7,200, (3) \$21,500.

Trewhitt-Shields & Fisher, Fresno—(1) \$138,500, (2) \$7,544, (3) \$22,642.

N. H. Spjoberg & Son, Oakland—(1) \$141,411, (2) \$7,000, (3) \$24,737.

Nielsen & Edstrom, San Jose—(1) \$134,800, (2) \$5,000, (3) \$19,750.

Villard Bros. Inc., Oakland—(1) \$138,478, (2) \$4,700, (3) \$23,236.

H. H. Henning, Stockton—(1) \$136,560, (2) \$6,000, (3) \$18,000.

Barrett & Hulp, San Francisco—(1) \$147,796, (2) \$5,000, (3) \$23,093.

**CONTRACT AWARDED**  
**SOUTH WHITTIER**, Los Angeles Co., Cal.—Atlas Constr. Co., 39 Congress St., Pasadena, at \$54,700, submitted low bid and was awarded contract for a new reinforced concrete school plant to be built in So. Whittier for the South Whittier Sch. District.

Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles. 15

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Higgins Company, 1930 Van Ness Ave., at \$560,000 awarded contract by the Department of Public Works, City Hall, for installing approximately 750 sq yds

of floor space in cafeteria, kitchen and store room with massive floor covering at Portola Junior High Sch. on Bacon St. between Berlin and Gl-rard.

**Plans Completed**  
**RECONSTRUCTION** Cost, \$30,000  
**BURLINGAME**, San Mateo Co., Cal. Reconstruction & earthquake-proofing of Howard Ave. School (two-story wood frame building).

**Owner**—Burlingame Elementary Sch. Dist. (L. D. Henderson, Supt.) El Camino and Oak Groves Aves., Burlingame.

**Architect**—Jas. H. Mitchell, 369 Pine St., San Francisco.

**Structural Engineer**—H. B. Hammill, 381 Bush St., San Francisco.

Plans have been completed and forwarded to the State Division of Architecture at Sacramento for approval.

## 1C—BANKS, STORES AND OFFICES

### CONSTRUCTION STARTED

**GLENDALE**, Los Angeles Co., Cal.—Grant & Bruner, consulting engineers and manager of construction, 607 Pergande Bldg., Los Angeles, started work November 22 on construction of a reinforced concrete and structural steel laboratory and office building on Grandview Ave., Glendale, for Don Baxter, Inc. Erwood F. Eiden, architect, 106 W. Wilson St., Glendale. Est. cost, \$100,000. Bend Hood awarded heating contract, and Viking Automatic Sprinkler Co., the sprinkler system. 16

**Contract Awarded**  
**MARKET** Cont. Pr., \$18,630  
**SAN MATEO**, San Mateo Co., Calif. One-story and mezzanine reinforced concrete market building, wood trusses, composition roof, terra cotta front.

**Owner**—Withheld.  
**Architect**—Mario Corbett, 72 Third Ave., San Mateo.

**Contractor**—Charles J. Pedersen, 734 Prospect Row, San Mateo.

**Contract Awarded**  
**ALTERATIONS** Cost, \$ .....  
**SAN FRANCISCO**, 333 Market St. Alterations to store building.  
**Owner**—Filioli Estate.  
**Architect**—Frances E. Lloyd, 360 Pine.  
**Contractor**—G. F. W. Jensen & Sons, Inc., 320 Market St.

**Planned**  
**OFFICE BLDG.** Cost, \$ .....  
**SACRAMENTO**, Calif. C Street. New office building.  
**Owner**—California Almond Growers' Exchange (M. B. Ayers, Pres.).  
**Architect**—Not Given.

It is proposed to move the headquarters of the exchange from San Francisco to Sacramento and erect office building opposite present Sacramento plant. 16

### LOW BIDDERS

**RIVERSIDE**, Calif.—Cresmer & Emtman, 3224 8th St., Riverside, submitted low general contract bid on Nov. 15 for a 2-story, reinforced concrete store building, 98 x 150 ft. in area, to be built on the southeast corner of 7th and Main Sts., Riverside, for a syndicate headed by W. C. Evans. Bakker & Robinson, 732 D St., San Bernardino, submitted the second low bid. Bids for the air conditioning, plumbing, insulation and electrical work, which were submitted on Nov. 15, have not yet been considered. Sears, Roebuck & Co. will occupy one-half of the building. A three-story brick structure, now on

the site, will be razed. Plans by Henry L. A. Jekel, 5063 Magnolia Ave., Riverside. 16

### SUB CONTRACTS AWARDED

**LOS ANGELES**, Cal.—P. J. Walker Co., 3900 Whiteside Ave., awarded following sub contracts for a two-story, class A office building under construction at 2087 Slauson Ave., Los Angeles County territory, for the California Steel Co. Structural steel, Western Pipe & Steel Co.; Kalamain doors, Probert Mfg. Co.; steel windows, Soule Steel Co.; sheet metal, Emil Brown & Co.; metal toilet partitions, Continental Bldg. Specialties Co.; lath and plaster, MacGruder & Co.; composition roof and water-proofing, Economy Roof Co.; tile work, Premier Tile & Marble Co.; terrazzo, John Avon; glass and glazing, Townsend Glass Co.; acoustical treatment, Harold E. Shugart Co.; floor covering, Broadway Department Store; painting, G. C. Hewitt Co.; plumbing, Howe Bros.; air conditioning and heating, DeJongh-Howells; electric work, Golden State Elec. Co.; reinforced steel, Consolidated Steel Co.; wrecking, Cleveland Wrecking Co.; caisson drilling, Bertram Drilling Co.; millwork, Pacific Mill Co.; tending, Smith & Smith, Edg. T. Heitschmidt, architect, 808 Subway Terminal Bldg. 16

## 17—THEATRES

### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Wesco Construction Co., 200 Hyperion Avenue, awarded general contract at approximately \$35,000 for construction of a new motion picture theatre and store building adjoining the southwest corner of Ventura Blvd. and Laurel Canyon Drive for Laurel Theatres, Inc. The heating and cooling, electric work and painting are not included in the general contract. C. A. Balch, architect, 1914 S Vermont Ave. 17

## 18—WHARVES & DOCKS

### BIDS WANTED

**OAKLAND**, Alameda Co., Calif.—Until Dec. 6, 4:30 p.m., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for extension of the Ninth Avenue pier, a PWA job.

Plans and specifications available this afternoon at the above office upon deposit of \$25.

## 19—MISC. CONSTRUCTION

### BIDS WANTED

**SANTA BARBARA**, Calif.—Until Nov. 30, 1 p.m., bids will be received by the City of Santa Barbara for improving Laguna Ball Park in Santa Barbara, a PWA Project. Work will consist of the erection of a grandstand, bleachers, field building, ticket office, entrance gates, lighting and improvement of grounds. Information may be obtained from Soule & Murphy, architects, 116 E. Solo St., Santa Barbara. 19

### BIDS OPENED

**SAN FRANCISCO**—Following submitted bids to the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 869-38-58, for constructing and delivering one complete diesel electric generating and distributing plant, f.o.b. Fort Funston, San Francisco, Cal.

Enterprise Engine Co., 2902 19th St., San Francisco, at \$55,241 (General Elec. Equipment); all on Westinghouse equipment, \$64,663.

Cooper-Bessemer Corp., Mills Bldg.,

Washington, D. C., \$66,450 (Westinghouse and Fairbanks-Morse Equipment).

**Caterpillar Tractor Co.**, Peoria, Illinois, \$47,384.25 (Westinghouse Equipment), (exceptions to specifications taken).

**Commins Diesel Sale Corp.**, San Francisco, \$56,545 (Gen. Elec. Equipment), (will not comply with Walsh-Healey Act). 19

### BIDS WANTED

**SANTA BARBARA**, Calif.—Until Nov. 30, 1 P. M., bids will be received by the City of Santa Barbara for a municipal outdoor swimming pool, 164x50 ft. in area and 4 to 12 ft. in depth, to be constructed at Plaza Del Mar, Santa Barbara, a PWA project. Work will include alterations to existing bathroom and improvement of grounds. Est. cost, \$78,000. Information may be obtained from Wm. Edwards, architect, 114 E. De la Guerra St., Santa Barbara.

### BIDS OPENED

**OAKLAND**, Calif.—Anchor Post Fence Co., 1033 5th Ave., Oakland, at \$675, submitted low bid to the Oakland City Council, City Clerk, City Hall, Oakland, for the construction of a galvanized wire fence, gates and partitions at the Oakland Municipal Corporation Yard.

Total bids follow:  
Anchor Post Fence Co., 1033 5th Ave., Oakland—\$675.

California Wire Cloth Co., Oakland—\$692.

Standard Fence Co., Oakland—\$694.80.

Wickwire-Spencer Steel Co., San Francisco—\$715. 19

**Bids Wanted**—To Open Nov. 30, 2 P. M.

### ALTER HEATING SYSTEM

Cost, \$ .....  
**SAN FRANCISCO**, 190 Sea Cliff Ave. Furnish and install circulation pump in existing hot water heating system.

**Owner**—Not Given.

**Architect**—Not Given.

Bids will be received by Warren Doble, 1018 Mills Bldg. Plans and specifications may be obtained from Mr. Doble. 19

### BIDS WANTED

**ARTESIA**, N. M.—Until Nov. 29, 2 p.m., bids will be received by the Central Valley Electric Membership Corp., Artesia, N. M., for the construction of 84 miles of transmission line to serve 132 customers in Eddy and Chaves Counties. Total funds available, \$125,000. 19

### CONTRACT AWARDED

**CULVER CITY**, Los Angeles Co., Cal.—Austin Co., 777 E. Washington Blvd., Los Angeles, awarded contract for construction of a new escrow dock (222 x 140 ft.) at Culver City for Metz-Goldwyn-Mayer Studios. Work will be done under the supervision of Arthur McArthur, architect; Cyril P. Hubert, structural engineer; John Tobin, plant superintendent, and Wm. Koenig, studio manager. 19

### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Fozzo Construction Co., 240 Riverside Drive, Los Angeles, will add a one-story switching room unit (50 x 60 ft.) to a building in West Los Angeles, for the Associated Telephone Co., 1314 7th St., Santa Monica. Maurice Sasseo, I. W. Hellman Bldg., Los Angeles, structural engineer. 19

**BIDS REJECTED**

**SACRAMENTO, Cal.**—The Sacramento City Council rejected all bids for the construction of a structural steel training tower to be used in an instruction course for recruits for the City Fire Department. Estimated cost, \$5,000.

Chas. F. Unger, 2426 Seventh Ave., Sacramento, at \$6554, was low bidder. \* 19

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Dec. 3, 2 p.m., bids will be received by Los Angeles Water & Power Purchasing Agent for furnishing, delivering and installing crane runway extension "C" complete, at 1630 N. Main St., Spec. 2458.

Bids will be taken as follows: (1) furnishing and delivering with materials furnished from local stock for cars or trucks at designated site;

(1 Alt A)—same except furnishing built-up sections equivalent in strength to those shown on Department's drawings, such sections to be furnished from local stock;

(1 Alt B)—furnishing, delivering and installing crane runway extension, materials furnished from local stock;

(1 Alt C)—same as B, except using built-up sections from local stock;

(1 Alts D, E, F, G, H, I and K): Via All-Rail Shipment

(1 Alt D)—same as item (1);  
 (1 Alt E)—same as item (1 Alt A);  
 (1 Alt F)—same as item (1 Alt E);  
 (1 Alt G)—same as item (1 Alt C);  
 (1 Alt H)—same as item (1 Alt A);  
 (1 Alt I)—same as item (1 Alt A);  
 (1 Alt J)—same as item (1 Alt B);  
 (1 Alt K)—same as item (1 Alt C).

Plans and specifications may be obtained from D. P. Nicklin, Purchasing Agent, Room 601, 205 South Broadway, upon deposit of \$10. Work involves structural steel A frames, columns, trusses, crane rail and fittings, girders, purlins, girts and bracing, etc., corr. iron siding and roofing, steel sash, glazing, door frames, painting of structural steel and iron, base plates, etc. Concrete work, plumbing, electric work, and mechanical equipment are excluded from this contract. \* 19

**BIDS REJECTED**

**BENTON COUNTY, Washington.**—Benton Rural Electric Association, Prosser, Wn., rejected all bids for the construction of about 40 miles electric Distribution lines in Benton County. Bids rejected due to a minor error in specifications. Contract previous awarded to Roberts and Broad, Spokane, at \$34,995.57. Bids are to be readvertised. \* 19

**LOW BIDDER**

**EAST SOUND, San Juan Co., Wn.**—NePage-McKenny Co., 804 Sixth St., Seattle, at \$29,737 submitted low bid to the Orcas Power and Light Co., Henry Cayton, president, East Sound, for the construction of two diesel generating units having a combined capacity of 225 h.p., to be constructed on Orcas Island, Wn.

**CONTRACT AWARDED**

**SANTA MONICA, Los Angeles Co., Cal.**—Werner & Webb, 650 N. Roberson Blvd., Los Angeles, awarded contract at \$14,916, for paving a yard area (200 x 250 ft.) at the Douglas Aircraft Co. plant in Santa Monica. Work will also include some retaining walls. Edward Cray Taylor and Ellis Wing Taylor, architects and engineers, 803 W. 3rd St., Los Angeles. \* 19

**BIDS OPENED**

**SAN FRANCISCO.**—Pacific Dry Dock & Repair Co., foot of 14th St., Oakland, at (a) \$290, (b) \$375, (c) \$573, (d) \$586, submitted low bid to the State Harbor Board for drydocking, overhauling floating equipment, as follows:

- (a) Governor Erwin;
  - (b) Dredger No. 3;
  - (c) Mud scow No. 22;
  - (d) Mud scow No. 23.
- Complete bids follow:  
 Pacific Dry Dock & Repair Co., foot of 14th St., Oakland—(a) \$290;  
 (b) \$375; (c) \$573; (d) \$586.  
 General Engineering & Dry Dock Co., San Francisco—(a) \$315; (b) \$398; (c) \$733; (d) \$500.  
 Bruer-Siemer, San Francisco—(c) \$860; (d) \$940.  
 Bethlehem Shipbuilding Corp., Ltd., San Francisco—(a) \$360; (b) \$450; (c) \$680; (d) \$995.  
 H. C. Thompson, San Francisco—(c) \$738; (d) \$720. \* 19

**CONTRACT AWARDED**

**SPOKANE, Wash.**—As previously reported, Fritz Ziebarth, 808 Security Bldg., Long Beach, Calif., at \$158,507 (item 3) submitted low bid and was awarded contract by the Inland Empire Rural Electrification, Inc., 510 Ziegler Bldg., Spokane, for the construction of 200 miles of electric distribution system. Work involves between 2500 and 3500 cedar poles, according to type of wire used, 200 transformers carrying from 1½ to 5-kva, 359 services.

- Bids were taken on:
- (1) Copper and copperweld-copper;
  - (2) Copperweld;
  - (3) Aluminum;
  - (4) Aluminum and copperweld.
- Bidders were:
- (A) Fritz Ziebarth, 808 Security Bldg., Long Beach, Calif.
  - (B) Roberts and Broad, Spokane.
  - (C) Federal Engr. Const. Co., Kansas City, Mo.
  - (D) Wayne-Burnaby Co., Spokane.
  - (E) Homer G. Johnson, Portland.
  - (F) University Elng. & Heating Co., Seattle.
  - (G) NePage-McKenny Co., Seattle.
  - (H) Parker-Schram Co., Portland.

Prices follow:

(1)	(2)	(3)	(4)
(A) \$171,977	\$162,996	\$158,507	\$163,248
(B) 164,539	164,788	160,777	169,808
(C) 172,394	177,782	171,629	172,095
(D) 173,382	172,794	171,750	174,438
(E) 174,830	172,794	171,750	174,438
(F) 185,200	184,178	180,097	185,662
(G) 186,445	189,536	181,619	187,924
(H) 193,955	183,296	177,750	182,046

**20— MISC. SUPPLIES AND MATERIALS**

**CONTRACT AWARDED**

**E. G. Kurze, Santa Clara Co., Calif.**—San Jose Electric Works, 525 W. San Carlos St., San Jose, at approximately \$2500, awarded contract by the San Jose City Council, C. B. Goodwin, City Manager, for furnishing to the City of San Jose, delivered at the Electrical Department, such replacement Mazda lamps or the equal as may be required by the City for one year beginning Dec. 1, 1937.

Bidders follow:  
 E. G. Kurze Elec. Works, 525 W. San Carlos St., San Jose.  
 San Radio Specialties Co., Art Fixture Shop, San Jose Electric Co., Pfeiffer Elec. Co., Guilbert Bros. Elec. Co., Roy M. Butcher, and University Electric Co. \* 20

**BIDS OPENED**

**OAKLAND, Calif.**—Following submitted bids to Oakland Port Com-

mission for furnishing 10,000 tons of crusher run rock, job Oakland Airport: (1) first grade; (2) second grade;  
 Daniel Contr. Co., San Francisco: (1) \$1.05; (2) \$1.05.  
 J. Catucci, Oakland: (1) \$.; (2) \$.73.  
 Heafey-Moore Co., Oakland: (1) \$1.08 (2) \$.78. \* 20

**BIDS OPENED**

**OAKLAND, Calif.**—Key Pipe and Supply Co., 1362 7th St., Oakland, at (1) \$11.69 and (2) \$9.79, submitted low bid to the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing wrought steel pipe: (1) 22,000 ft. 1½-in.; (2) 9,000 ft. 1¼-in.

Total bids follow:  
 Key Pipe & Supply Co., 1362 7th St., Oakland—(1) \$11.69; (2) \$9.79.

Dalzell Co., Oakland—(1) \$11.86 plus 2%; (2) \$9.99 plus 2%.  
 Following submitted identical bids at (1) \$12.15, and (2) \$10.16: Richmond Sanitary Co., Oakland; Crane Co., San Francisco; Standard Supply Co., San Francisco; Baker-Hamilton & Pacific Co., San Francisco; Taylor-Holbrook, Oakland; Oakland and Plumbing Supply Co., Oakland; Walworth-California Co., Oakland; Pacific Pipe Co., Oakland, and Oakland Sheet Metal Supply Co., Oakland.

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Ducommun Steel & Supply Co., 656 Townsend St., San Francisco, at \$749.87, 2% 30 days, f.o.b. Sacramento, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5396, for furnishing pipe, fittings and valves. \* 20

**CONTRACT AWARDED**

**GOVERNMENT ISLAND, Calif.**—Laher Spring & Tire Corp., 26th and Magnolia Streets, Oakland, at \$220 cash, submitted low bid and was awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5394, for the purchase of new Chevrolet replacement parts, including lump sum trade-in allowance and/or cash offer on used tires, f.o.b. Government Island. \* 20

**BIDS OPENED**

**BERKELEY, Calif.**—Charles S. Hughes, Contra Costa Building Materials Co. and Transit Mixed Concrete Co., at \$3.50 per sack, submitted identical bids to the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing 600 sacks more or less of Lumnite cement. \* 20

**BIDS OPENED**

**SACRAMENTO, Cal.**—Golden Gate Iron Works, 1541 Howard St., San Francisco, at \$1780, submitted low bid to the State Purchasing Officer, Sacramento, under Quo. 23939, for furnishing structural steel for San Quentin.

Total bids follow:  
 Golden Gate Iron Works, 1541 Howard St., S. F. \$1780  
 Palm Iron & Bridge Works, Sacramento 2086  
 Michel & Pfeffer Iron Works, Inc., San Francisco 2091  
 Monarch Iron Works, S. F. 2524

**BIDS WANTED**

**ALBATRAZ, Cal.**—Until Nov. 30, 2 p.m., bids will be received by the U. S. Penitentiary, J. A. Johnston, Warden, Albatraz, Calif., under Bid No. 1212, for riprap rock or precast concrete not less than 2 ft. 0 in. by 1 ft. 0 in. by 4 ft. 0 in., f.o.b. South-west end of Alcatraz Island. \* 20

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                          |                                     |
|------------------------------------------|-------------------------------------|
| 21.—Bridges                              | 30.—Reservoirs and Dams             |
| 22.—Dredging, Harbor Works, Excav. Wells | 31.—Pipe, Lines and Scaffolding     |
| 23.—Irrigation Proj.                     | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light, Systems                   | 33.—Water Works                     |
| 25.—Machinery and Equipment              | 34.—Parks & Playgrounds             |
| 26.—Railroads                            | 35.—Tunnels                         |
| 27.—Fire Alarm Sys.                      |                                     |
| 28.—Fire Equipment                       |                                     |
| 29.—Streets & Highways                   |                                     |

## 21— BRIDGES

## CONTRACT AWARDED

**MENDOCINO COUNTY, Cal.**—F. J. Maurer & Son, Inc., Eureka, at \$33,406 was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engr., Public Works Bldg., Sacramento, for the construction of a reinforced concrete girder bridge consisting of one 50-ft. span and two 35-foot spans on concrete piers and abutments with pile foundations across Elk Creek about 15 miles north of Point Arena and about 3 mile grading and applying penetration oil treatment, Mendocino Co.

## CONTRACT AWARDED

**MENDOCINO COUNTY, Cal.**—John Rocca, Box 44, San Rafael, at \$55,046.90 was awarded contract by State Division of Highways, C. H. Purcell, State Highway Engr., Public Works Bldg., Sacramento, for the construction of a reinforced concrete bridge consisting of 16 slab spans having a total length of 388 feet, supported by an open spandrel arch and concrete bents, across Jughandle Creek, five miles south of Fort Bragg and for about 3 mile of roadway to be graded and treated with asphalt, Mendocino County.

## BIDS WANTED

**LOS ANGELES, Cal.**—Until Dec. 8, 10 a.m., bids will be received by Los Angeles board of public works for construction of Fox Studio bridge across Olympic Blvd., approx. 1110 ft. east of Fox Hills Drive; to be single span reinforced concrete bridge to carry north and south drive of Fox Hills Studio across Olympic Blvd. extension; 88' clear span, 36 ft. roadway, with 3½-ft. walks on each side, bordered by ornamental iron rail and involving in the main 1800 cu. yds. concrete; 270,028 lbs. reinf. steel, and 6920 ft. reinf. conc. piles for foundation.

Work involves:

## Temporary Roadway

- 1580 cu. yd. excav.
- 1714 cu. ft. fill
- 14,527 sq. ft. 6-in. asph. concrete pavement
- 450 sq. ft. 3-in. wearing surf.
- 1950 sq. ft. 2-in. rock and oil surf.
- 420 ft. wooden guard rail
- 11,502 bd. ft. temporary bridge.

## Main Structure

- 1576 cu. class F concrete
- 270,028 lbs. reinf. steel
- 65,000 sq. ft. 3-in. one-course sidewalk
- 196 lf metal railing
- 7540 sq. ft. 8-in. asph. concrete pavement
- 1090 sq. ft. asph. conc. pavement

- variable thickness;  
 (7) 144 concrete piles, 30 ft. long;  
 (8) 65 same, 40 ft. long;  
 (9) 17 c.y. class H concrete (railings). 21

## CONTRACT AWARDED

**SEATTLE, King Co., Wash.**—L. Romano Engineering Corp., 1300 Dearborn, at \$93,985, awarded contract by Harry Sisler, King County Engineer, for the construction of the Kenmore-Juanita bridge with fill approaches, County Road Project 50.

Total bids follow:

L. Romano Engrg. Corp., 1300 Dearborn, Seattle.....	\$93,985
Northwest Constr. Co.....	94,384
Martin Schuehle.....	94,810
General Constr. Co.....	96,993
M. L. Erickson.....	97,184
N. Florito.....	98,968
Western Constr. Co.....	103,180
C. L. Creelman.....	106,015
Puget Sound Bridge & Dredging Co.....	107,068
Daily Constr. & Eng. Co.....	109,574

## BIDS OPENED

**SAN FRANCISCO**—Industrial Equipment Co., at \$6000, job Boulder City, Nevada, submitted low bid to the Forest Service Regional Officer, 1022 Phelan Bldg., 760 Market Street, San Francisco, under Bid No. 1183, for one unassembled new or used single span suspension bridge approximately 400 ft. long, 17-ft. 6-in. wide, designed for minimum of 2-15 loading in central traffic lane.

Six Companies, Inc., at \$6250, job Boulder City, submitted only other bid. 21

## BIDS WANTED

**STANISLAUS CO., Cal.**—Until Dec. 11, 11 a.m., bids will be received by the Stanislaus County Board of Supervisors, C. C. Eastin, County Clerk, Court House, Modesto, California, for the construction of a bridge over Modesto Irrigation District Main Canal on Reinway Avenue, near the quarter section corner common to Sections 28 and 29, T. 3 S., R. 11 E., M.D. B & M. Bridge consists of four 16-foot spans, 20 feet clear roadway, overall length of bridge, 80 feet and approximately 125 yds. reinforced concrete.

Plans and specifications may be obtained from the above office. 21

## CONTRACT AWARDED

**SAN LUIS OBISPO CO., Calif.**—R. R. Bishop, 5017 E. Broadway, Long Beach, at \$81,399, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder crossing over the tracks

of the Southern Pacific Railroad about 6 miles north of San Luis Obispo, consisting of two 59-ft. 0-in. spans, two 50-ft. 3¾-in. spans, four 45-ft. 4-in. spans, and two 32-ft. 6-in. spans. 21

## CONTRACT AWARDED

**SACRAMENTO, Cal.**—Lord & Bishop, Native Sons Bldg., Sacramento, at \$7,196, awarded contract by the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B Street, Marysville, for re-constructing with portland cement concrete and plant-mixed surfacing the Elving bridge across the Cosumnes River near Live Oak, Sacramento, Co. 21

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS OPENED

**PACIFIC CO., Wash.**—Columbia Construction Co., Las Vegas, Nevada, at \$1,179,183, submitted low bid to the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-144, for repairing the north jetty and constructing a spur jetty, tramways and land trackage and the furnishing and placing of about 470,000 tons of jetty stone and 1700 cu. yd. of cement concrete at the mouth of the Columbia River, Pacific County, Wash. Engineer's estimate, \$1,364,480.

Three low bids follow:

- |                                                   |              |
|---------------------------------------------------|--------------|
| Columbia Construction Co., Las Vegas, Nevada..... | \$1,179,183. |
| Rohi Connelly Co., Los Angeles.....               | \$1,966,691. |
| Winston Bros. & Guy F. Atkinson, Portland.....    | \$1,459,294. |

Complete bids will be published shortly. 22

## BIDS WANTED

**LOS ANGELES, Cal.**—Until Dec. 1, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for repairing revetment around Reservation Point in Los Angeles Outer Harbor, located along southerly 1100 ft. of west side and westerly 200 ft. of south side of Reservation Point, adjacent to main channel of Los Angeles Harbor. Circ. Prop. 128. Work involves: (1) 1000 tons furnishing and placing revetment stone. Bid bond, 10%, must accompany bid. 22

## BIDS WANTED

**SAN DIEGO, Cal.**—Until Dec. 2, 11 a.m., bids will be received by Lt. Comdr. L. N. Moeller, Public Works Officer, Headquarters, Eleventh Naval District, foot of Broadway, San Diego, under Spec. No. 8563, for the improvement of Fender System, Navy Pier, Naval Operating Base (Supply Depot), San Diego, Cal.

Work involves:

- Removal of 187 existing defective fender piles and one float anchor pile;
  - Provision and driving of 168 creosoted timber piles to replace the ones removed;
  - Provision of materials for the installation of new creosoted timber chocks at the upper and lower wales, and miscellaneous work and materials as required for the installation of new fender piles and float anchor piles;
  - Reconnecting of the existing log camels to the new fender system.
- Plans and specifications may be obtained from the above office upon the deposit of \$10. 22

## Capital City Title Company

•

JAMES E. BANCROFT  
Manager

•

801 J Street  
Sacramento • California



**COMPLETE BIDS**

**PACIFIC CO., Wash.**—Columbia Constr. Co., Las Vegas, Nevada, at \$1,179,183. Submitted low bid to the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-144, for repairing the north jetty and constructing a spur jetty, tramways and land trackage and the furnishing and placing of about 470,000 tons of jetty stone and 1700 cu. yds. of cement concrete at the mouth of the Columbia River, Pacific County, Wash.

Work involves:

- (1) 4 acres clearing;
- (2) 35,000 c.y. embankment;
- (3) 20,000 c.y. excav.;
- (4) 7,000 c.y. ballast;
- (5) 800 lf. removal of old tramway;
- (6) 82,000 lf. piling, Douglas fir, 16-in. butt, 12-in. top;
- (7) 4,500 lf. piling, cut off, 16-in. butt, 12-in. top;
- (8) 82,000 lf. piling, Douglas fir, 14-in. butt, 10-in. top;
- (9) 2,170 MFBM Douglas fir lumber;
- (10) 54,000 lbs. bolts, drift;
- (11) 62,000 lbs. bolts, machine, including washers;
- (12) 46,000 lbs. spikes, ship and wire;
- (13) 52,000 lbs. spikes, railroad;
- (14) 700 tons of 2000 lbs. rails, steel, 75-lb. relay, including splice bars and bolts;
- (15) 9 sets complete frogs and switches, complete, including guard rails stands, etc.;
- (16) 43,000 lf. cable, wire, not less than 3/4-in. diam.;
- (17) 16,000 lbs. straps, steel;
- (18) 20,000 lbs. the plates;
- (19) 7,300 each, anti-rail creepers;
- (20) 1,260 each, metal pile sheaves;
- (21) 470,000 tons of 2000 lbs. stone;
- (22) 1,700 c.y. concrete;
- (23) 12,000 lbs. concrete anchor chains;
- (24) One job installing track scales.

Total bids follow:

- (A) Columbia Constr. Co., Las Vegas, Nev.—\$1,179,183.
- (B) Rohl Connolly Co., Los Angeles—\$1,196,691.
- (C) Winston Bros. & Guy F. Atkinson, Portland—\$1,459,234.
- (D) Contracting Office's estimate—\$1,364,480.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	\$ 85.00	\$ 50.00	\$150.00	\$300.00
(2).....	.16	.30	.25	.45
(3).....	.26	.50	.25	.35
(4).....	2.17	3.00	2.50	2.59
(5).....	1.00	3.00	2.50	2.00
(6).....	.48	.50	.60	.60
(7).....	.16	1.67	.20	.20
(8).....	.53	.50	.60	.50
(9).....	39.00	50.00	60.00	55.00
(10).....	.035	.05	.05	.06
(11).....	.05	.07	.07	.07
(12).....	.045	.06	.07	.06
(13).....	.04	.06	.05	.06
(14).....	50.00	45.00	50.00	55.00
(15).....	215.00	200.00	300.00	300.00
(16).....	.025	.05	.05	.14
(17).....	.05	.06	.06	.15
(18).....	.03	.06	.06	.30
(19).....	.32	.40	.40	.50
(20).....	1.70	1.50	1.40	2.50
(21).....	1.93	1.85	2.35	2.16
(22).....	17.25	25.00	22.00	15.00
(23).....	.19	.25	.27	.20
(24).....	2750.00	1000.00	3250.00	2000.00

**25—MACHINERY AND EQUIPMENT**

**BIDS WANTED**

**OAKLAND, Calif.**—Until Dec. 7, 1:00 p.m., bids will be received by the Oakland City Council, City Clerk, City Hall, Oakland, for the rental of 20 dump trucks for use in the City

of Oakland, a PWA Project.

Plans and specifications may be obtained from the above office. \* 25

**CONTRACT AWARDED**

**OAKLAND, Calif.**—Spears Wells Machinery Co., 1832 W. 9th Street, Oakland, at \$4,420, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. 928, for furnishing one 8-ton gasoline driven road roller. \* 25

**CONTRACT AWARDED**

**OAKLAND, Cal.**—Val Strough, Inc., 3330 Broadway, Oakland, at \$2,957.45, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. No. 937 for five Chevrolet Master coupes. \* 25

**COMPLETE BIDS**

**VISALIA, Tulare Co., Cal.**—Incandescent Supply Co., 726 Mission St., San Francisco, at \$1,395.89, submitted low bid to the Visalia City Council, Ann Lowell, City Clerk, for traffic signal equipment in Visalia.

Total bids follow:

Incandescent Supply Co., 726 Mission St., S. F. \$1395.89  
 Amer. Crucible Products Co. 1435.78  
 Taper Tube Pole Co. 1414.26  
 General Electric Co., S. F. 1414.26  
 General Electric Co., Fresno 1414.26  
 H. H. Walker Corp. 1559.52  
 Econolite Corp. 1726.57  
 Acme Traffic Signal Company submitted a bid of \$2036.80; Alt. \$1,516.68.

Eagle Signal Corp.'s bid of \$1309.20 did not comply with specifications. \* 25

**BIDS OPENED**

**SACRAMENTO, Calif.**—Following submitted bids to the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-28-124, for leasing to the U. S. one truck crane for loading trucks and for miscellaneous work at various places along the Sacramento River from Walnut Grove to Knights Landing, Calif.

Bids were taken on:  
 SCH. 1—Rate per hour for time truck crane is at work excavating;

SCH. 2—Rate per hour for time truck crane is held idle;

SCH. 3—Rate per hour for moving truck crane from one job to another on its own power;

SCH. 4—Cost of delivering the truck crane to Sacramento and removing it from.

Total bids follow: Sacramento—(1) Lord & Bishop, Sacramento—(1) \$230, (2) \$150, (3) \$150, (4) no charge.

C. E. Huls, Merced—(1) \$425, (2) \$100, (3) \$425, (4) \$25

Rood & Gravel Trucking Co., Oakland (1) \$600, (2) \$600, (3) \$600, (4) no charge. \* 25

**BIDS OPENED**

**SAN FRANCISCO**—Following submitted bids to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 Fourth St., San Francisco, under Bid No. 1069 for the rental for 210 hours of one 4-ton truck, gasoline driven, equipped with 4 hydraulic hoists, heavy duty tires, 4-wheel motor brakes and 150-mch. wheel 1 1/2 hp-hp, at Sausalito, San Jose Regional Project.

Total bid received—\$190 per hour, including tax—San Jose \$190 per hour, San Francisco \$200 per hour. \* 25

K. I. Dow, \$225 per hour, net. \* 25

**BIDS WANTED**

**BOULDER CANYON PROJECT**—Until Dec. 23, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 756, for furnishing main and auxiliary control equipment, load and frequency control equipment, battery distribution switchboard and auxiliary power control equipment for the control of generating units A-6 and A-7 in the Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada. Apparatus will be installed by the Government, f.o.b. shipping point and/or Boulder City, Nevada.

Plans and specifications may be obtained at the above office. \* 25

**BIDS WANTED**

**SPOKANE, Wash.**—Until Dec. 2, 9:30 a.m., bids will be received by C. T. Bogart, City Purchasing Agent, Spokane, for furnishing fire equipment: (1) one 750-gallon triple combination pumper, booster and hose wagon, hose body to have capacity of 1200 ft. of 2 1/2-in. double-jacket hose, 2-way hose body. One 100-gal. or larger booster tank, of rust-resisting iron or copper. Valve on bottom of tank to control operation; (2) 3000 ft. of 2 1/2-in. and 500 ft. of 1 1/2-in. double jacket rubber-lined fire hose.

Plans and specifications may be obtained from the above office. \* 25

**BIDS OPENED**

**SACRAMENTO, Cal.**—Weaver-Rye Tractor Co., 13th and U Streets, Sacramento, at \$3,674.30 (\$500 disc. 30 days), submitted low bid to the State Purchasing Agent, 319 State Capitol, Sacramento, under Req. No. 12372, for furnishing one 10-foot dual-drive, pneumatic-tired, Diesel-powered motor tractor, f.o.b. Fruitvale, Cal.

Total bids follow:  
 Weaver-Rye Tractor Co., 13th and U Sts., Sacramento—\$3,674. 50 disc. 30 days.

Knox-Hale Machinery Co., San Francisco—\$3,991.50 net.  
 Spears Wells Machinery Co., Oakland—\$5270, \$100 disc. 10 days. \* 25

**BIDS WANTED**

**LOS ANGELES, Cal.**—Until Dec. 8, 3 p.m., bids will be received by the U. S. Engineer, Los Angeles, for two radial type fabricated steel gates complete with hand-operated hoist and equipment, furnished and delivered ready for installation to job site at Playa del Rey, Los Angeles. Circ. Prop. 131. Bid bond 10% must accompany bid. \* 25

**BIDS OPENED**

**SAN BERNARDINO CO., Calif.**—Following submitted bids to the State Purchasing Agent, Sacramento, for one 10-ft. single-drive, pneumatic-tired motor tractor, with scarifier, f.o.b. San Bernardino; Quot. 24353, Req. 1387

Smith Booth Usher Co.—Gallon 1-39 engine, 3831 St. turnin, 10965.20; net \$2736.63; 2 weeks, 30 days.

Brown-Evans Equipment Co.—Austin-Western Jr., \$3490; turnin \$500; net \$2990 11 days, 20 30 days.

J. D. Adams, Adams 201, \$3828.95; turnin, \$250 net \$3478.95; 22 days; 20 30 days.

LEBO-RE Co., Wareso 33, \$3700; turnin, \$900 net \$1190; deliv. immediately.

Crook Co., All Chalmers 42, \$3,000; 10 1/2 30 1/2 days. \* 25  
 \$2320 net \$1453.20 net \$3300; 20

**BIDS OPENED**

**VENTURA CO., Calif.**—Following submitted bids to the State Highway Department, Los Angeles, for rental of 1 truck and trailer equipment for

use in Ventura County, Cal.

Lang Transportation Co., Ventura Div., less than 3 ton, \$3 hour; 3 to 6 tons, \$3.50; 6 to 10 ton, \$4.10; 10 to 19 ton, \$5; trailer, 12 ton, \$1.50 hour; 7-ton trailer, \$1; dolly (2 wheels), 7 ton, \$1 hour; 40-ton trailer, \$40; all help extra except driver.

Teal Bros., 4-ton load, \$4 hour running and standby time; add \$0.85 hr. for extra man. \* 25

## 29—STREETS AND HIGHWAYS

### COMPLETE BIDS

SAN DIEGO, Calif.—Daley Corp., 4439 Boundary St., San Diego, at \$3,434, submitted low bid to the Lt.-Comdr., L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8566, for improvement of Auxiliary Landing Field at the Naval Operating Base (Camp Kearny), San Diego. The work will consist of treating an area of approximately 35,600 sq. yds. by sweeping the surface, oiling, adding crushed rock and compacting to form an airplane landing area.

Total bids follow:  
Daley Corp., 4439 Boundary St., San Diego, ..... \$3434  
R. E. Hazard & Sons ..... 3697  
Sim J. Harris ..... 2897  
V. R. Dennis Constr. Co. .... 4075  
C. R. Butterfield-Kennedy Co. . 4800  
\* 29

### BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until Dec. 6, 5 p.m., bids will be received by Huntington Park city council for planning of surface of Pacific Blvd., between Florence and Slanson Aves., in accordance with specifications on file at the office of the city engineer, P. Mahood. The area to be planned is 152,000 sq. ft. more or less. H. E. Robinson, city engineer. \* 29

### BIDS WANTED

SAN FRANCISCO, Calif.—Until December 6, 3:00 P. M., bids will be received by the San Francisco Bay Exposition Company, 555 Bush St., San Francisco, for construction of a wooden trestle and steel bridge and paving on the roadway project from the East Portal of the San Francisco-Oakland Bay Bridge Tunnel around the south side of Yerba Buena Island.

Work involves:  
(1) 17,500 cu. yd. general excav.  
(2) 17,500 cu. yd. structural excav.  
(3) 515,000 lb. BM timber work  
(4) Lump sum general work.  
Plans and specifications may be obtained from the above office. 29

### BIDS WANTED

PHOENIX, Maricopa Co., Ariz.—Until Nov. 30, 10:15 a.m., bids will be received by the Phoenix City Commission for the paving of Laurel Ave., from Culver St. to the alley south; McDowell Road, from 15th St. to Third St.; Lynwood St., from Oak Ave. to 15th Ave.; Oak, 16th, 15th, between McDowell Road and the alley south of Culver. The cost is estimated at \$123,154.33, of which the government has granted \$55,419.45. Property owners will provide by cash or improvement bonds \$67,734.88. James Girard, city engineer; H. L. Walsh, city manager.

The principal quantities are:  
23,330 sq. yds. pavement;  
53,500 sq. ft. sidewalk;  
5,000 lf. combined curb and gutter. \* 29

### COMPLETE BIDS

LANE CO., Ore.—Sam Orino, Bonnevillle, Ore., at \$122,250, submitted

low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Oregon, for constructing or improving approximately 0.248 ml. of the Willamette Highway Tunnel and Approach Grading, Project 21-J2,K1, Oregon National Forest Road Project, Willamette National Forest, Lane County, Oregon.

Total bids follow:  
Sam Orino, Bonnevillle, Ore. \$122,250.00  
Colonial Constr. Co., Spokane, Wash. .... 138,800.00  
Kern & Kibbe, Portland, Ore. .... 147,197.50  
A. C. Greenwood Co., Inc., Portland ..... 149,385.00  
Joplin & Eldon, Portland, ..... 149,847.50  
Parker-Schram Co., Portland ..... 152,250.00  
Elliot & Co., Inc., Seattle, 152,730.00  
J. A. Terteling & Sons, Boise, Idaho ..... 194,745.00  
\* 29

### BIDS OPENED

SACRAMENTO, Calif.—Following submitted bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the improvement of the alley between Third Avenue and Fourth Avenue, and from the easterly line of 21st Street to the westerly line of 22nd Street, Sacramento.

Bids were taken on:  
(1) Cast iron gutter drains complete, in place;  
(2) Concrete manholes;  
(3) Excavation, per cu. yd.;  
(4) 6-in. vit. iron-stone sewer pipe, per lin. ft.;  
(5) Expansion joints,  $\frac{3}{4}$  x  $\frac{3}{4}$ -in. by 20 ft.;  
(6) Trees removed;  
(7) Cement concrete pavement, per cu. yd.

Bids were:  
(A) Carl R. Fiedler, 2631 30th Street, Sacramento.  
(B) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento.  
Unit prices follow:

	(A)	(B)
(1) .....	\$23.00	\$22.00
(2) .....	8.00	6.00
(3) .....	1.00	1.25
(4) .....	.80	.75
(5) .....	2.25	2.20
(6) .....	65.00	50.00
(7) .....	12.50	12.50

\* 29

### CONTRACT AWARDED

COCONINO CO., ARIZ.—Lee Moor, Bassett Tower Bldg., Texas, at \$85,619.58, awarded contract by Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for subgrading roadway, refinishing slopes, placing aggregate base course and asphaltic surface treatment from Navajo Bridge near Lee's Ferry south 20 ml., Flagstaff Fredonia Highway, F.L. 4-E (1938), AFE 975. \* 29

### CONTRACT AWARDED

INYO CO., Calif.—A. S. Vinnell Co., 969 Amalia Avenue, Los Angeles, at \$4,435.90, awarded contract by the State Division of Highways, S. W. Lowden, Acting District Engineer, District IX, Bishop, Calif., for 0.7 ml. grading and applying penetration oil treatment between 16.5 and 17.2 miles southeast of Keeler, Inyo Co. \* 29

### CONTRACT AWARDED

BOISE, Idaho.—Geo. B. Henly Construction Co., Ontario, Ore., at \$35,445, awarded contract by the U. S. Bureau of Public Roads, B. J. French, District Engineer, Ogden, Utah, for constructing or improving 1.890 miles of the North Fork Payette Highway located within the Payette National Forest, Boise County, Idaho. \* 29

### BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Sacramento on December 19, 1938.

Following is a list of blue prints and prices:

IV-SCR-SCI-5-B & C—Bet. Inspiration Point and Los Gatos. PLANS (No. of Sheets), 43; cost, \$4.30; CROSS-SECTIONS (No. of Sheets), 21; cost, \$2.10; total, \$28.40.

IX-Iny-78-B-Bis—Bet. 1.5 miles W. of Bishop and Bishop. PLANS (No. of Sheets), 13; cost, \$1.30; CROSS-SECTIONS (No. of Sheets), 35; cost, \$3.50; total, \$4.80.

IX-Iny-127-G-H—Bet. 4.75 miles E. of Panamint Sink and Death Valley National Monument. PLANS (No. of Sheets), 9; cost, \$0.90; CROSS-SECTIONS (No. of Sheets), 119; cost, \$11.90; total, \$12.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and to accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 149, Sacramento, Cal. \* 29

### BIDS WANTED

LASSEN CO., Cal.—Until Dec. 6, 10:30 a.m., bids will be received by the Board of Directors of the Joint Highway District No. 14, office of the District Engineer, 600 Nevada Street, Susanville, for grading 5 mi. and surfacing with gravel or other select material 2 miles between Susanville and Antelope summit, and grading and re-shaping two miles of present roadbed and surfacing 2 ml. with select material between Willow Creek Valley and Eagle Lake Summit, Lassen County.

Work involves:  
(1) 49,000 cu. roadway excav., without classification;  
(2) 75,500 sta. yds. overhaul;  
(3) 265 cu. struc. excav.;  
(4) 50 c.y. ditch and channel excav.;  
(5) 428 lf. 15-in. CMP;  
(6) 122 lf. 18-in. CMP;  
(7) 128 lf. 24-in. CMP;  
(8) 48 lf. removing, cleaning and re-laying existing CMP;  
(9 and 9a) 14,000 yd. ml. loading, hauling and spreading surfacing material;  
(10) 2 miles of existing roadbed to be restored.

District will furnish all CMP. Plans and specifications may be obtained at the office of the District Engineer, Susanville, upon deposit of \$10.00. \* 29

### BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 5, 10 a.m., bids will be received by Los Angeles board of public works for improvement of Pickford St., between Redondo Blvd. and Cochran Ave.; PWA Proj. 1461-D, Unit 6-1.

Work involves:  
(1) Lump sum, grading (525 cu. cut);  
(2) 9346 sq. ft. 8-in. conc. pave.;  
(3) 26,337 sq. ft. 3-in. rock and oil roadway;  
(4) 174 ft. heavy unplastered curb;  
(5) 528 sq. ft. one-course walk;  
(6) 2335 sq. ft. conc. gutter, 8 inches thick;  
(7) Lump sum, storm drain;  
(8) Lump sum, sanitary sewer;  
(9) 40 ft. 6-in. house connection sewer. \* 29

### CONTRACT AWARDED

SUTTER CO., Calif.—Hemstreet & Bell, P.O. Box 550, Marysville, at \$133,596.55, awarded contract by the State Division of Highways, C. H.

Purcell, State Highway Engineer, Public Works Building, Sacramento, for about 4.7 miles to be graded and surfaced with plant-mixed surfacing, medium curing type, on crusher run base, between Tarke and one mile south of Sutter City, Sutter County.

**BIDS WANTED**

**PHOENIX, Maricopa Co., Ariz.**—Until Nov. 30, 10:15 A. M., bids will be received by the Phoenix city commission for paving Laurel Ave. from Culvert St. to the alley south; McDowell Rd. from 15th St. to 3rd St.; Lynnwood St. from Oak Ave. to 15th Ave.; Oak, 16th, 15th, bet. McDowell Rd. and alley south of Culver, Est. cost, \$123,154.33, of which the government has granted \$55,419.45. Property owners will provide by cash or improvement bonds \$67,734.88. Jas. Girand, city engineer; H. L. Walsh, city manager.

The quantities are:

- (1) 23,330 sq. yds. plant mix oil processed pave, 3-in. thick;
- (2) 23,330 sq. yds. 6-in. agg. base course under plant mix oil processed pave;
- (3) 239,320 sq. yds. grading under plant mix oil processed pave;
- (4) 7,500 sq. yds. 5 1/2-in. cem. conc. pave. with thickened edges and integral curb;
- (5) 2,500 sq. yds. 5 1/2-in. cem. conc. pave. with thickened edges;
- (6) 7,680 sq. yds. grading under all 5 1/2-in. conc. pave.;
- (7) 2,230 sq. yds. 6-in. cem. conc. pavement;
- (8) 2,230 sq. yds. grading under do;
- (9) 15,000 sq. yds. parkway grading;
- (10) 53,500 sq. ft. one course cement conc. sidewalk, 4-in. thick;
- (11) 15,000 l.f. comb. curb and gutter—Det E-1;
- (12) 530 l.f. single curb—Det F-1;
- (13) 540 l.f. wley gutters—Det Z-1;
- (14) 3,200 l.f. 8-in. main conc. pipe;
- (15) 2,310 l.f. 10-in. do;
- (16) 360 l.f. 12-in. do;
- (17) 220 l.f. 12-in. conc. pipe—Det X;
- (18) 20 l.f. 14-in. plain conc. pipe;
- (19) 230 l.f. 14-in. conc. pipe—Det X reinf.
- (20) 130 l.f. 30-in. conc. pipe—reinf.
- (21) 3 each street signs—Det P;
- (22) 16 ea. monument covers—Det E;
- (23) 4 ea. adjusting manhole covers;
- (24) 9 ea. headwalls—Det D;
- (25) 1 each headwall—Det B-1;
- (26) 15 ea. manholes—Det N 4;
- (27) 7 each gutter inlets—Det No 1;
- (28) 5 each gutter inlets—Det No 2;
- (29) 2 each gutter inlets—Det No 3;
- (30) 9 each gutter inlets—Det No 6;
- (31) 3 ea. irrig. standpipes—Det V-2;
- (32) 2 ea. irrig. standpipes—Det V-3;
- (33) 19 ea. transplanting palms under 12-in. dia.;
- (34) 12 ea. do, 12- to 18-in. dia.;
- (35) 9 ea. do, 18- to 24-in. dia.;
- (36) 18 ea. do, 25-in. and over.

**BIDS WANTED**

**MARICOPA CO., Ariz.**—Until Dec. 3, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on Phoenix-Prescott Highway, FA 59, 3rd rep (1938) AFE 898. The work, which is to extend from Morristown (Hot Springs, Det.) northward a distance of approx. 3.1 miles, consists of grading, drainage, aggregate base course and cutback road mix and is to be completed on or before July 31, 1938. The principal items and approx. quantities are:

- (1) 11,000 cu. yds. salvaging and stockpiling oil cake;
- (2) 200,200 cu. rdwy. excav.;
- (3) 1,100 cu. struc. excav.;
- (4) 321,100 sta. yds. overhaul;
- (5) 5,400 cu. yd. haul;
- (6) 4,200 cu. yd. nu. select matl. haul;

- (7) 10,200 tons agg. base course;
- (8) 4,000 M. gals. sprinkling;
- (9) 1,100 hours rolling;
- (10) 2,025 cu. Class A concrete;
- (11) 116,100 lbs. reinf. steel;
- (12) 998 l.f. CMP (3 sizes);
- (13) 35,900 l.f. line fence;
- (14) 23,900 ea. guide posts;
- (15) 2,900 l.f. road guards;
- (16) 2,900 tons mineral aggregate;
- (17) 267 tons cutback asphalt (MC-4);
- (18) 3,100 tons relaying old oil mix;
- (19) 3.1 miles processing road mix;
- (20) 130 tons emulsified asph. (Class A);
- (21) 940 tons screenings;

Plans and specifications may be obtained at the office of the Arizona Highway Dept., 17th Ave. and Jackson St., Phoenix. Certified or cashier's check for not less than 5% must accompany each proposal. Howard S. Reed, State Highway Engineer. 29

**LOW BIDDER**

**SAN DIEGO, Cal.**—Daley Corp., 4429 Boudary St., San Diego, at \$2,434, submitted low bid to the Lt. Comdr. L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8596, for improvement of Auxiliary Landing Field at the Naval Operating Base (Camp Kearny), San Diego. The work will consist of treating an area of approximately 35,600 sq. yds. by sweeping the surface, oiling, adding crushed rock and compacting to form an airplane-landing area. 29

**CONTRACT AWARDED**

**TUCSON, Pima Co., Ariz.**—As previously reported, Tanner Constr. Co., 801 Security Bldg., Phoenix, at \$85,882.91, awarded contract by Tucson City Council for improvement of streets in the First St. and Seventh Ave. District Paving Improvement, FWA District No. Arizona 1058-DS, in accordance with plans prepared by Geo. W. Seeley, city engineer. Estimated cost, \$114,900.10. Complete bids follow: Tanner Constr. Co., Phoenix—\$85,822.91.

Phoenix-Temp Stone Co., Phoenix—\$93,686.42.

V. R. Dennis Constr. Co., San Diego—\$99,329.60.  
Oswald Bros., Los Angeles—\$99,739.45. 29

**BIDS WANTED**

**STATE OF OREGON**—Until Nov. 30, 9 a.m., bids will be received by the Oregon State Highway Commission, Auditorium, Third Floor, Public Service Bldg., Portland, Oregon, for highway and bridge construction, as follows:

**Clatsop County:** Smith Point-Yam's Bay Bridge Section of Oregon Coast Highway, Federal Aid Proj. No. 191-D; 0.77 mi. grading and paving. Requires approximately 19,000 cu. yds. excavation; 5,700 cu. yds. crushed rock in base and shoulders; 9,600 cu. yds. Portland cement concrete pavement; and 1,200 sq. yds. asphalt concrete pavement.

**Gallatin and Morrow Counties:** Hepper Junction Rock Production Project on Columbia River and Oregon-Washington Highways, State Project. Furnish 6,000 cu. yds. of road rock for rocklets.

**Grant County:** John Day-Oliver Road Section of John Day Highway, Federal Aid Project No. 13-A; 4.43 mi. grading requiring approximately 1,000 cu. yds. excavation; 200 cu. yds. concrete; 2,000 lbs. metal reinforcement; and 8,000 cu. yds. pit-run gravel for top and grading.

**Grant County:** Kimberly Bridge Section of John Day Highway, Fed-

eral Aid Project No. 6; 0.57 mi. grading and surfacing and 387 ft. timber, steel and concrete bridge. Requires approximately 15,780 cu. yds. excavation; 2,200 cu. yds. selected roadbed topping; 400 cu. yds. salvaged surfacing materials; 350 cu. yds. concrete; 16 MFBM treated lumber; 53,000 lbs. metal reinforcement; 365,000 lbs. structural steel, and 750 lineal feet metal handrail.

**Harney County:** Poison Creek Section of John Day-Burns Highway, State Project; 7.09 miles resurfacing; also furnish 2,500 cu. yds. of crushed rock in stockpiles. Requires approximately 7,500 cu. yds. crushed rock.

**Jackson County:** Sardine Creek Bridge Section of Pacific Highway, Federal Aid Project No. 131-1; 130 lineal feet concrete viaduct; 302 lineal feet highway roadbed, and 550 lineal feet temporary roadway. Requires approximately 1,300 cu. yds. embankment; 550 cu. yds. gravel base; 160 cu. yds. rock surfacing; 135 cu. yds. structural excavation; 250 cu. yds. concrete; 60,000 lbs. of metal reinforcement, and 280 lineal feet concrete handrail.

**Lake County:** Harris Creek-Chalk Cliff Section of Fremont Highway, Federal Aid Projects Nos. 107-A and 107-C; 13.73 miles grading, surfacing and oiling. Requires approximately 154,000 cu. yds. excavation; 50,000 cu. yds. pit-run gravel topping, and 161,000 cu. yds. road oil prime coat.

**Lane County:** Belknap Springs-McKenzie Summit Section of McKenzie Highway, State project. Furnish 7,000 cu. yds. crushed rock in stockpiles.

**Malheur County:** Snake River Slides-Ontario Section of Old Oregon Trail, State project. Furnish 5,000 cu. yd. crushed gravel in stockpiles.

**Union County:** Kamela-LaGrande Section of Old Oregon Trail, State project. Furnish 6,000 cu. yds. of crushed rock in stockpiles.

**Wasco County:** Manupin Rock Production Project on The Dulles-California and Wapinitia Highways, State project. Furnish 13,500 cu. yds. crushed rock in stockpiles.

Plans and specifications may be obtained at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, Oregon, upon the deposit of \$5.00. 29

**CONTRACT AWARDED**

**TUCSON, Pima Co., Ariz.**—As previously reported, White & Miller, P. O. Box 2350, Tucson, at \$134,210.49, awarded contract by the Tucson City Council for improvement of streets in the Second Street and Cherry Ave. District Paving Improvement, District No. Arizona 1055-DS, in accordance with plans prepared by Geo. W. Seeley, city engineer. Estimated cost, \$187,757.34.

Complete bids follow:  
White & Miller, Tucson \$134,210.49  
Tanner Constr. Co. 140,103.11  
Oswald Bros., L. A. 144,639.46  
V. R. Dennis Constr. Co., San Diego 149,494.96  
Phoenix-Temp Stone Co. 153,757.56 29

**BIDS WANTED**

**MANHATTAN BEACH, Los Angeles Co., Cal.**—Until Dec. 16, 7:30 P. M., bids will be received by Manhattan Beach city council for improvement of 2 1/2 blocks between Highland Ave. and 10th St. on Ocean Ave. under the 1913 Act. Work includes:

- (1) 12,500 sq. ft. 5-in. concrete pave.
  - (2) 1,423 ft. 1/2-in. curb on concrete base
  - (3) 1,050 cu. excav. and grading.
- Contract or cashier's check or bid bond 10% must accompany bid. 29

## CONTRACT AWARDED

IDAHO STATE.—Geo. B. Henley Const. Co., Ontario, Oregon, at \$35,442 awarded contract by the Bureau of Public Roads, Washington, D. C. for crusher run surface for North Fork-Payette Highway, Idaho Forest Project 23-C3.

## BIDS OPENED

LOS ANGELES, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at \$34,047 submitted low bid to the Metropolitan Water District for constructing approximately 3.0 miles of road for the Colorado River Aqueduct distribution system in accordance with the District's specifications No. 250. The road is located in the vicinity of Cajalco Reservoir in Riverside county and extends from the Lower Cajalco Road on the south, over the Cajalco Dam to a point near the north boundary of the Cajalco Reservoir right of way, and includes connecting roads to the Outlet Tower Bridge and to the proposed Operators Headquarters Camp. The work to be contracted for consists of all necessary excavation and grading, the placing of surfacing materials and culvert pipes, the construction of a reinforced concrete bridge, and other work.

## The items are:

- (1) 6000 c.y. rdwy. excav., solid rock class;
- (2) 20,000 c.y. rdwy. and borrow excavation, common class;
- (3) 10,000 sta. yds. excav. overhaul;
- (4) 230 c.y. struc. excav., unclass.;
- (5) 360 c.y. concrete;
- (6) 60,000 lbs. placing reinf. steel;
- (7) 3000 lbs. placing steel pipe hand-rail;
- (8) 334 lf. placing 18-in. corr. pipe culvert;
- (9) 44 lf. placing 24-in. corr. pipe culvert;
- (10) 86 lf. placing 30-in. corr. pipe culvert;
- (11) 70,000 gals. watering embankments;
- (12) 150,000 gals. watering subgrade;
- (13) 31,000 sq. yds. prepare subgrade;
- (14) 3800 c.y. furnish selected matl.;
- (15) 5500 c.y. mt. haul do.;
- (16) 63,000 gals. furnish, haul and spread road oil;
- (17) 31,000 sq. yds. mix, spread and finish oil-treated wearing surf.;
- (18) 3500 sq. yds. seal coat (cover);
- (19) 170 guard post, furnish and install.

## Total bids were:

- (A) Griffith Co., \$34,047.
- (B) Case Const. Co., Alhambra, \$36,421.30.
- (C) Oswald Bros., Los Angeles, \$38,183.00.

## Unit bids follow:

	(A)	(B)	(C)
(1)	\$ .70	\$ .90	\$ .90
(2)	.42	.44	.50
(3)	.0985	.91	.65
(4)	5.00	5.00	2.00
(5)	25.00	24.00	29.00
(6)	.02	.02	.02
(7)	.20	.25	.05
(8)	.75	.75	1.00
(9)	1.60	1.00	1.25
(10)	1.25	1.30	1.50
(11)	2.50	4.00	3.00
(12)	2.50	2.50	3.00
(13)	.03	.04	.05
(14)	.45	.70	.50
(15)	.06	.10	.05
(16)	.035	.04	.04
(17)	.06	.05	.06
(18)	.05	.04	.02
(19)	3.50	3.00	4.00

## BIDS OPENED

TUOLUMNE CO., Cal.—Louis Biasotti & Son, P.O. Box 587, Stockton, at \$98,382.40, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 2,167 miles grading

and placing a subgrade reinforcement on Sec. A2 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne Co., Calif.

## Work involves:

- (1) Extra work, misc. clearing;
- (2) 43,000 c.y. unclass. excav.;
- (3) 750 c.y. unclass. excav. for structures;
- (4) 5,500 c.y. sod and swamp soil excav.;
- (5) 11,600 c.y. unclass. excav. for borrow;
- (6) 60,000 sta. yds. overhaul;
- (7) 15,700 c.y. miles haul;
- (8) 12 lf. 8-in. asphalt dipper corr. galv. metal pipe;
- (9) 548 lf. 18-in. asphalt dipped corrugated galv. metal pipe;
- (10) 434 lf. 24-in. asphalt dipped corrugated galv. metal pipe;
- (11) 46 lf. 30-in. do.;
- (12) 70 lf. 54-in. do.;
- (13) One each, Type A spillway inlet, in place;
- (14) 5 c.y. Class A concrete;
- (15) 200 lbs. reinf. steel;
- (16) 44 c.y. masonry;
- (17) 3 each, cast steel gatea.

## Total bids follow:

- (A) Louis Biasotti & Son, P.O. Box 587 Stockton—\$98,382.40.
- (B) C. G. Willis & Sons, Inc., Los Angeles \$100,478.90.
- (C) Johnston Rock Co., Stockton—\$102,277.
- (D) Ralph A. Bell, San Marino—\$103,598.

## Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$500.00	\$500.00	\$500.00	\$500.00
(2)	1.585	1.59	1.80	1.73
(3)	4.00	4.00	3.00	3.00
(4)	1.00	.75	.60	.75
(5)	.90	.75	.60	.75
(6)	.02	.04	.02	.03
(7)	.22	.30	.20	.30
(8)	1.50	1.40	2.75	2.00
(9)	2.20	3.60	3.25	3.00
(10)	3.20	5.20	5.00	4.00
(11)	4.50	6.25	8.00	5.00
(12)	10.00	13.00	12.50	12.50
(13)	30.00	20.00	35.00	20.00
(14)	45.00	50.00	40.00	42.00
(15)	12	15	10	10
(16)	35.00	40.00	20.00	30.00
(17)	45.00	30.00	60.00	48.00

## CONTRACT AWARDED

SAN DIEGO, Calif.—As previously reported, Daley Corp., 4439 Boundary St., San Diego, at \$3,434 awarded the contract by Lieut.-Comdr L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8596, for improvement of Auxiliary Landing Field at the Naval Operating Base (Camp Kearny), San Diego. The work will consist of treating an area of approximately 35,600 sq. yds. by sweeping the surface, oiling, adding crushed rock and compacting to form an airplane landing area.

## Total bids follow:

- Daley Corp., 4439 Boundary St., San Diego, \$3,434.
- R. E. Hazard & Sons, \$3679.
- Sm J. Harris, \$3897.
- V. R. Dennis Const. Co., \$4075.
- C. R. Butterfield-Kennedy Co., \$4,800.

## BIDS OPENED

SACRAMENTO, Calif.—Following submitting bids to the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the improvement of the alley between J and K Streets, from 30th St. to Alhambra Blvd., Sacramento.

## Bids were taken on:

- (1) Cast iron gutter drain complete, in place;
- (2) Concrete manholes;
- (3) Excavation, per cu. yd.;
- (4) Filling grade, per cu. yd.;
- (5) 6-in. vit. iron-stone sewer pipe, per lin. ft.;
- (6) Cement concrete pavement, 6-in.

thick, per cu. yd.;

- (7) Expansion joints,  $\frac{1}{2}$  by  $\frac{1}{4}$ -in. by 6 ft.;
- (8) 2 trees removed;
- (9) Old concrete gutter removed, per lin. ft.

## Bidders were:

- (A) A. Teichert & Son, Inc., P.O. Box 1113, Sacramento;
- (B) Carl R. Fiedler, 2631 30th St., Sacramento.

## Unit prices follow:

	(A)	(B)
(1)	\$22.00	\$23.00
(2)	6.00	8.00
(3)	1.00	1.00
(4)	.60	.50
(5)	.75	.80
(6)	12.80	12.50
(7)	2.20	2.25
(8)	10.00	5.00
(9)	.10	1.00

## CONTRACT AWARDED

LOS ANGELES CO., Calif.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at \$67,918.80, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for 1.2 miles grading and paving with portland cement concrete and plant-mix asphalt surfacing between Valley Blvd. and Las Tunas Drive, Los Angeles County.

## CONTRACT AWARDED

SISKIYOU CO., Cal.—Garcia Construction Co., Irvington, at \$4320, was awarded contract by the State Division of Highways, F. W. Hazelwood, District Engineer, District 11, Redding, Calif., for surfacing 2.0 ml. with screened gravel on the East Side Road in Scott Valley between Callahan and Fort Jones, Siskiyou County.

## CONTRACT AWARDED

SAN DIEGO, Cal.—Daley Corp., 4439 Boundary St., San Diego, at \$3,434, awarded contract by Lieut.-Comdr L. N. Moeller, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. 8596, for improvement of Auxiliary Landing Field at the Naval Operating Base (Camp Kearny), San Diego. The work will consist of treating an area of approximately 35,600 sq. yds. by sweeping the surface, oiling, adding crushed rock and compacting to form an airplane landing area.

## CONTRACT AWARDED

FLATHEAD CO., Mont.—Carl Nyberg, Spokane, Wash., at \$185,933, awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, Oreg., for 16,380 miles constructing or improving the Glacier National Park West Side Transmountain Highway (Avalanche Creek to South Park Boundary), Project 1-A, Units 1 and 2 surfacing, slope stabilization and bituminous treatment, and Project 1-B, 1-C, bituminous treatment, Glacier National Park, Flathead County, Mont.

## CONTRACT AWARDED

TUCSON, Pima Co., Ariz.—As previously reported, White & Miller, P. O. Box 2530, Tucson, at \$52,095.73, awarded contract by the Tucson City Council for improvement of streets in the Southwest District Paving Improvement, PWA Docket No. Arizona 1046-DC, in accordance with plans prepared by George W. Seelye, city engineer. Estimated cost, \$72,849.90.

Complete bids follow:  
White & Miller, Tucson \$52,095.73  
Tanner Constr. Co., Phoenix 55,463.91  
Phoenix-Tempe Stone Co.  
Phoenix 59,404.09  
Oswald Bros., Los Angeles 69,524.65

V. R. Dennis Constr. Co.,  
San Diego ..... 70,697.75  
\* 29

November 24, 1937

**CONTRACT AWARDED**  
TUCSON, Pima Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$106,261.38 submitted low bid to the Tucson City Council for street improvement in the First Avenue and Tyndall Avenue District Paving Improvement, PWA Docket No. Ariz. 1030-DS. Plans and specifications were prepared by Geo. W. Seely, City Engineer. Est. cost, \$153,041.31. Complete bids will be published shortly. \* 29

**30—RESERVOIRS & DAMS**

**BIDS WANTED**  
SUN RIVER PROJ., Mont.—Until December 3, 5.00 P. M., bids will be received by the Bureau of Reclamation, Fairfield, Mont., under Spec. No. 995-D, for clearing the Gibson Reservoir site, above elevation 4716.5, Sun River Project, Montana. Plans and specifications may be obtained at the above office. \* 30

**COMPLETE BIDS**

COWLITZ CO., Wash.—Leonard & Slate, Multnomah, Ore., at \$134,630, submitted low bid to the U. S. Engineer Office, 306 Custom House, Portland, Ore., under Bid No. 698-35-152, for clearing, bank sloping and the construction of riprap revetment on certain sections of levee and strengthening of certain sections of levee by truck haul, situated in Diking Improvement District No. 13, near Kelso and Longview, Cowlitz County, Wash. Estimated cost, \$160,919.30.

- Work involves:
- (1) One acre clearing of levee and river bank for riprap;
  - (2) 1000 c.y. excav. for bank sloping;
  - (3) 10,000 c.y. rock riprap revetment, in place, Diking Dist. No. 13;
  - (4) 47,120 cu. y. rock riprap revetment, in place, Diking Dist. No. 2;
  - (5) 2680 cu. y. truck haul, levee fill, in place.

Total bids follow:  
(A) Leonard & Slate, Multnomah, Oregon—\$134,630.00  
(B) The Mirene Co., Portland—\$170,128.00.

Unit prices follow:

	(A)	(B)
(1).....	\$250.00	\$300.00
(2).....	1.00	1.50
(3).....	2.30	2.90
(4).....	2.30	2.90
(5).....	.75	1.00

\* 30

**LOW BIDDER**

SAN BENITO CO., Cal.—Ernest A. Hathway, 1102 S. 6th St., San Jose, at \$9,059.47, submitted low bid to the Pacheco Pass Water District Board of Directors, L. G. Barratt, Secretary, Bank of America Bldg., Hollister, for the construction of the Las Viboras Dam and Canals, San Benito Co., Cal. \* 30

**31—PIPE LINES & WELLS**

**BIDS OPENED**  
COLUSA COUNTY, Cal.—Claude C. Wood, P.O. Box 1714, Stockton, at \$20,010, submitted only bid to the Division of Water Resources, Dept. of Public Works, Edward Hyatt, Pacheco Engineer, Room 410, State Office Bldg., No. 1, Sacramento, for filling with sand and earth material the levee borrow pit on the Burr Mitchell property, located on the west bank of the Sacramento River

five miles north of Colusa, Colusa County. Engineer's estimate of material to be placed in borrow pit is 166,700 cubic yards. \* 30  
November 22, 1937.

**BIDS WANTED**  
SAN FRANCISCO.—Until Dec. 8, 3 P. M., bids will be received by the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W. D. 158-R for laying 2- and 6-inch cast iron main in Engine Court.  
Work involves:  
(1) 575 Lf. excavation and backfill for 2- and 6-in. pipe, trench, 17-in. wide by 36-in. deep;  
(2) 10 cu. y. additional excavation and backfill;  
(3) No Item 3;  
(4) (a) 350 lf. 6-in. bell and spigot cast iron pipe;  
(b) 225 Lf. 2-in. do;  
(5) 750 lbs. fittings, gates, valves, etc.  
(6) 70 lf. bell and spigot joints for pipe and fittings;  
(8) 38 1/2-in. screw taps;  
(9) 530 lf. 3/4-in. copper service pipe.  
Plans and specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of \$5.00. \* 31

**BIDS WANTED**  
SAN FRANCISCO.—Until Dec. 8, 3 P. M., bids will be received by the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W. D. 161, for laying 6- and 8-inch cast iron mains in Phelps, Winding Way and Naylor Streets.  
Work involves:  
(1) 1800 lf. excavation and backfill for 8- and 6-inch pipe, trench 17-in. wide by 36-in. deep;  
(2) 30 cu. y. additional excavation and backfill;  
(3) 275 sq. ft. additional pavement removed and replaced;  
(4) (a) 500 lf. 8-in. bell and spigot cast iron pipe installed;  
(b) 1300 lf. 6-in. do;  
(5) 30 lbs. fittings, gate valves, etc. installed;  
(6) 230 lf. bell and spigot joints for pipe and fittings;  
(7) 2500 sq. ft. repavement.  
Plans and specifications may be obtained at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of \$5.00. \* 31

**BIDS OPENED**  
RICHMOND, Contra Costa Co., Calif.—Frank Ausez, 2100 Burbeck Ave., Richmond, at \$1,267, submitted low bid to the Richmond City Council, City Hall, for the construction of a reinforced concrete box culvert along the easterly line of San Pablo north to Roosevelt Avenue, Richmond.  
Total bids follow:  
Frank Ausez, 2100 Burbeck Ave., Richmond—\$1,267.  
Independent Constr. Co., Ltd., Oakland—\$1,375.

Elmer J. Freethy, Richmond—\$1398.  
Franzini & Fred-nburg, San Rafael \$1419.50  
Low J. Humel, Berkeley—\$1,588.  
A. Gatto, Richmond—\$1,595.  
L. E. Page, Richmond—\$1,675.  
A. Suda & Son, Oakland—\$1,676.50.  
S. C. Rogers, Richmond—\$1,698.

**32—SEWERS & SEWAGE DISPOSAL PLANTS**

**BIDS WANTED**  
LA MESA, San Diego Co., Calif.—Until Dec. 11, 10 a.m. bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, for the construction of Unit No. 3 of the proposed distribution system. In accordance with plans and specifications which may be obtained from the district

office after Nov. 22, upon deposit of \$25, returnable. Bids are being taken on two proposals, viz.: one for the entire work, and the other for the work omitting the service connections.

- The items are:  
(1) 15,450 c.y. excav.;  
(2) 14,094 c.y. backfill;  
(3) 3,333 sq. ft. oil road resurf.;  
(4) 1,927 sq. ft. concrete or asphalt pavement replacement;  
(5) 656 ft. 8-in. class 250 C I pipe;  
(6) 1,184 ft. 8-in. class 150 C I pipe;  
(7) 10,287 ft. 6-in. class 250 C I pipe;  
(8) 32,788 ft. 6-in. class 150 C I pipe;  
(9) 7,041 ft. 4-in. class 250 C I pipe;  
(10) 3,564 ft. 4-in. class 150 C I pipe;  
(11) 52,139 lbs. misc. fittings;  
(12) 4 1/2-in. gate valves;  
(13) 10 8-in. gate valves;  
(14) 50 6-in. gate valves;  
(15) 86 4-in. gate valves;  
(16) 504-inch, 2-way fire hydrants;  
(17) 1,332 cu. y. excav. for service installation;  
(18) 1,933 sq. ft. oil surface for resurfacing for service installations;  
(19) 672 sq. ft. concrete or asphalt pavement replacement;  
(20) 259 3/4-in. service connections;  
(21) 6,056 ft. 3/4-in. copper service pipe;  
(22) 55 1/2-in. bronze service assemblies;  
(23) 1,146 1-in. copper pipe;  
(24) 25 2-in. bronze service connection assemblies;  
(25) 449 ft. 2-in. copper pipe.  
C. Harris, General Manager and Chief Engineer. \*

**BIDS WANTED**  
SEATTLE, King Co., Wash.—Until Dec. 2, 10 a.m., bids will be received by Board of Public Works, 509 County-City Bldg., Seattle, for the construction of Ninth Avenue S.W. water mains; PWA Docket 1448. Work involves installation of about 73,000 ft. of water mains with hydrants, valves and necessary appurtenances.  
Plans and specifications may be obtained from N. A. Carle, City Engineer, 404 County-City Bldg., Seattle, upon the deposit of \$10. \* 32

**CONTRACT AWARDED**  
SHAFTER, Kern Co., Cal.—Sutalo & Ramljak, 476 S. Carondelet St., Los Angeles, at \$44,266.70 were awarded the contract by the Shafter Public Utility District for the construction of a sewage treatment plant and substation, and vitrified sewers in accordance with plans prepared by Curran Engineering Co., 219 Andresen Bldg., San Bernardino.  
Bids were taken on:

- (1) pump station & treatment plant;
  - (2) 1850 ft. 15-in. vit. sewer;
  - (3) 13,000 ft. 12-in. do
  - (4) 1145 ft. 10-in. do
  - (5) 22,967 ft. 8-in. do;
  - (6) 84 manholes.
- Complete bids follow:  
(A) Sutalo & Ramljak, Los Angeles, \$44,266.70  
(B) Oakland Sewer Const. Co., Oakland, \$44,577.34  
(C) Sanitary Const. & Engr Co., 415-C-254 St.  
(D) J. L. Kruly, \$46,735.55  
(E) S. M. Milovich, \$47,066.73  
(F) Artukovich Bros., \$47,516.74  
(G) Culljak & Zello, \$49,910.01  
(H) John Jurkovich, \$50,367.69  
(I) E. L. Fleming and B. D. Zatch, \$50,911.90  
(J) Bobak & Brkich, \$51,048.02  
(K) Gogo & Rubin, \$51,445.21  
(L) V. C. K. Const. Co., Los Angeles, \$51,761.88  
(M) H. A. Teget, \$51,808.00  
(N) John S. White, \$53,119.60  
(O) Robt. D. McNair, Oakland, \$54,476.30.

- (P) W. J. Tobin, Oakland, \$54,876.55.
- (Q) Valley Const. Co., San Jose, \$58,-671.63.
- (R) Radich & Brown, \$58,997.80.
- (S) Harvey E. Conner, \$59,413.28.
- (T) E. C. Nickel, \$62,063.75.
- (U) Edward Green, \$62,831.56.
- (V) J. C. Hickey, \$65,960.25.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	\$10.90	\$15.50	\$5	\$9	\$5	\$.80
(B)	13.50	1.32	80	.79	.57	50
(C)	10.60	1.42	1.00	80	.63	50
(D)	12.80	1.30	85	1.00	.65	62
(E)	8.04	1.65	1.05	90	.69	54
(F)	10.40	1.25	1.00	90	.72	50
(G)	11.45	1.38	1.00	1.26	.73	55
(H)	4.00	2.00	1.50	1.20	.80	40
(I)	10.90	1.57	1.15	.92	.70	70
(J)	10.90	1.57	.96	1.50	.76	56
(K)	11.10	1.30	1.20	1.00	.72	55
(L)	11.00	1.42	1.14	.86	.74	63
(M)	10.90	1.50	1.10	1.75	.75	63
(N)	11.90	1.76	1.12	.99	.75	65
(O)	12.00	1.50	1.05	3.25	.75	65
(P)	12.370	1.52	1.15	1.83	.80	62
(Q)	15.000	1.79	1.31	.96	.69	75
(R)	12.000	1.75	1.23	1.10	.90	57
(S)	19.900	1.70	1.35	1.10	.825	90
(T)	15.000	1.50	1.15	1.15	1.00	60
(U)	14.967	1.74	1.53	3.24	.68	64
(V)	12.422	2.00	1.50	1.25	1.00	70

**BIDS WANTED**

LA MESA, San Diego Co., Calif.—Until Dec. 14, 10 a. m., bids will be received by the La Mesa, Lemon Grove and Spring Valley Irrigation District, La Mesa, C. Harritt, general manager and chief engineer, for the construction of Unit No. 1 of the proposed distribution system. Bids are being taken on two proposals, viz.: Schedule I, for the entire work, and the other, Schedule II, for the work omitting the service connections.

The items are:

- (1) 15,450 c. y. excav.
  - (2) 14,694 c. y. backfill;
  - (3) 3,333 sq. ft. oil road resurf.;
  - (4) 1,927 sq. ft. conc. or asph. pave. replacement;
  - (5) 3,121 ft. 12-in., class 250, C I pipe;
  - (6) 40 ft. 12-in., class 150, C I pipe;
  - (7) 656 ft. 8-in., class 250, C I pipe;
  - (8) 1,164 ft. 8-in., class 150, C I pipe;
  - (9) 19,287 ft. 6-in., class 250, C I pipe;
  - (10) 32,788 ft. 6-in., class 150, C I pipe;
  - (11) 7,041 ft. 4-in., class 250, C I pipe;
  - (12) 3,564 ft. 4-in., class 150, C I pipe;
  - (13) 52,139 lbs. misc. fittings;
  - (14) 4 12-in. gate valves;
  - (15) 10 8-in. gate valves;
  - (16) 50 6-in. gate valves;
  - (17) 86 4-in. gate valves;
  - (18) 450 ft. 6-in., class 150, C I pipe in gate wells;
  - (19) 50 4-in., 2-way, C I fire hydrants;
  - (20) 1,332 c. y. excav. for service installation;
  - (21) 1,332 c. y. backfill for service pipe and connections;
  - (22) 1,983 sq. ft. oiled surf. for resurf. for service installations;
  - (23) 672 sq. ft. conc. or asph. pave. replacement;
  - (24) 12 c. y. conc. complete, in place;
  - (25) 259 3/4-in. service connections;
  - (26) 6,066 ft. 3/4-in. copper service pipe;
  - (27) 55 1-in. bronze service assemblies;
  - (28) 1,146 1-in. copper pipe in service connections;
  - (29) 25 2-in. bronze service connection assemblies;
  - (30) 449 ft. 2-in. copper pipe
- Plans and specifications may be obtained from the district office, 4769 Spruce St., La Mesa, upon deposit of \$25 per set.

**TULARE COUNTY—SURFACING—(Govt.)**

TULARE CO., Calif.—Independent Construction Co., Ltd., 46th Avenue and Clement St., Oakland, at \$108,-397.50, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing bituminous treated surfacing (Class F) on 12,500 miles on Sec. A and a portion of Sec. B of Rt. 1, the Generals Highway, Sequoia National Park, Tulare Co., Calif.

Work involves:

- (1) 12,500 miles preparation of existing surface;
- (2) 21,200 tons crusher run top course (for base course);
- (3) 650 M. gals. watering;
- (4) Lump sum, water plant for plans for the project;
- (5) 210 tons cutback asphalt for prime coat;
- (6) 16,000 tons Class F dense plant mixture—grading A;
- (7) 800 tons medium curing cutback asphalt for Class F;
- (8) 55 tons rapid curing cutback as-

phalt for Class F.

Bids were:

- (A) Independent Constr. Co., Ltd., 4th Ave. and Clement St., Oakland—\$106,397.50.
- (B) Heafey-Moore & Frederickson & Watson Const. Co., Oakland—\$106,550.
- (C) Oswald Bros., Los Angeles—\$117,530.
- (D) Union Paving Co., San Francisco—\$118,370.
- (E) Geo. Herz & Co., San Bernardino—\$125,540.
- (F) N. M. Ball Sons, Albany—\$125,830.
- (G) Louis Biasotti & Son, Stockton—\$130,389.
- (H) Hanrahan Co., San Francisco—\$133,675.
- (I) Ralph A. Bell, San Marino—\$135,260.
- (J) Geo. Pollock, Sacramento—\$149,060.
- (K) Jack Casson, Hayward—\$153,485.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	300.00	400.00	400.00	300.00	500.00	400.00	400.00	700.00	500.00	600.00	480.00
(2)	2.00	2.00	2.00	1.85	2.30	2.45	2.42	2.60	2.25	2.75	3.00
(3)	1.75	2.00	2.00	3.00	1.20	2.00	1.50	2.00	3.00	2.50	2.40
(4)	100.00	600.00	500.00	500.00	600.00	250.00	500.00	1500.00	250.00	500.00	500.00
(5)	20.00	20.00	28.00	30.00	21.00	23.00	20.00	26.00	26.00	25.00	27.50
(6)	2.50	2.34	3.75	3.25	3.00	2.95	3.20	2.80	3.50	3.50	3.60
(7)	17.00	18.00	21.00	16.25	19.00	18.50	20.00	20.00	20.00	23.00	21.00
(8)	22.00	22.00	30.00	30.00	28.00	26.00	22.00	25.00	30.00	27.00	30.00

**LANE CO., OREGON—Highway Improvement—(Govt.)**

LANE CO., Ore.—Sam Orino, Bonneville, Ore., at \$122,250 submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving approx. 0.248 mile of the Willamette Highway Tunnel and Approach Grading, Proj. 21-32, K1, Oregon National Forest Road Project, Willamette National Forest, Lane Co., Oregon.

Work involves:

- (1) all required extra and miscellaneous force account;
- (2) 7 acre clearing;
- (3) 15 acres grubbing;
- (4) 24,000 c. y. unclass. excav.;
- (5) 30 c. y. do. for struc.;
- (6) 130,000 sta. yds. special overhaul;
- (7) 1000 c. y. ml. special overhaul;
- (8) 30 sq. ft. dangerous trees and snags;
- (9) 575 ft. type A tunnel excavation;
- (10) 300 ft. type A tunnel excavation;
- (11) 100 c. y. Class A concrete;
- (12) 165 MFMB untreated timber, in-

- cluding bridge iron;
- (13) 100 ft. 18-in. standard reinforced concrete culvert pipe;
- (14) 100 ft. 18-in. bit. corr. metal pipe, type 1;
- (15) 8000 c. y. handlad rock embankment, type 4;
- (16) 50 coris cordwood packing;
- (17) 100 c. y. rock packing.

Total bids follow:

- (A) Sam Orino, Bonneville, Oregon, \$122,250.00.
- (B) Colonial Const. Co., Spokane, \$138,800.00.
- (C) Kern & Kibbe, Portland, \$147,197.50.
- (D) A. C. Greenwood Co., Inc., Portland, \$149,385.00.
- (E) Jolin & Eldon, Portland, \$149,847.50.
- (F) Parker-Schram Co., Portland, \$152,250.00.
- (G) Elliott & Co., Inc., Seattle, \$152,730.00.
- (H) J. A. Terteling & Sons, Boise, Idaho, \$194,745.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00	\$1000.00
(2)	500.00	400.00	350.00	500.00	500.00	400.00	500.00	500.00
(3)	500.00	350.00	500.00	500.00	400.00	400.00	400.00	500.00
(4)	.50	.60	.57	.92	.60	.75	.80	1.00
(5)	5.00	1.50	1.50	2.00	2.00	2.00	2.00	1.00
(6)	.01	.02	.02	.01	.015	.01	.02	.01
(7)	.25	.20	.25	.30	.20	.15	.20	.20
(8)	5.00	3.50	4.00	4.00	4.00	.50	4.00	3.00
(9)	80.00	95.00	105.50	102.00	100.00	90.00	100.00	147.00
(10)	100.00	100.00	135.00	114.00	105.00	110.00	110.00	162.00
(11)	30.00	30.00	50.00	50.00	27.00	30.00	30.00	20.00
(12)	65.00	60.00	46.00	45.00	67.50	85.00	80.00	60.00
(13)	2.50	2.50	2.00	3.50	3.00	2.50	3.00	5.00
(14)	1.75	2.00	1.75	3.00	2.30	2.00	2.50	2.50
(15)	1.50	2.00	1.25	1.75	3.00	3.00	2.00	2.00
(16)	25.00	12.00	10.00	14.00	10.00	10.00	20.00	10.00
(17)	5.00	7.00	4.00	7.00	4.00	5.00	5.00	1.00



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**BIDS WANTED**

**BELLINGHAM.** Whatcom Co., Wn.—Unit Dec 13 bids will be received by the City of Bellingham for the area sewer project serving area about 1466 acres; FWA Docket 06.

Plans and specifications may be obtained from John M. Adams, city engineer, Bellingham. \* 32

**3— WATER WORKS**

**CONTRACT AWARDED**

**OAKLAND.** Filiment Lum-  
ber Mill Co., 351 40th St., Oakland, Cal.—\$3550, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Pro. 929, for furnishing one 256,000-gallon redwood tank, 14 ft. outside diam. and 20 ft. deep. \* 33

**BIDS OPENED**

**TACOMA.** Pierce Co., Washington Golden-Anderson Co., Fulton Bldg., Pittsburgh, Pa., c/o Eicher & Bratt, 101man Bldg., Seattle, at \$18,400 submitted low bid to the City Water Superintendent, for cone valves for main Tide Flat Industrial water main.

Other bidders were:  
Elton Water Wheel Co.  
San Francisco .....\$20,430.00  
Morgan Smith Co., York, Pa. .... 28,400.00 \* 33

**4— PARKS AND PLAY GROUNDS**

**BIDS WANTED**

**SALINAS.** Monterey Co., Cal.—Unit Dec. 16, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting grounds of the U. S. P. O. at Salinas.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Salinas. \* 34

**5— TUNNELS**

**BIDS WANTED**

**SAN MATEO COUNTY.** Cal.—Unit Dec. 8, 3 P. M., bids will be received by the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W. D. 163, for raising prebay structures for Bald Hill Tunnel, San Andreas Reservoir, San Mateo County.

Work involves:  
1) Lump sum, raising and reconstructing forebay house;  
2) 12 cu. concrete;  
3) 1100 lbs. reinforcing steel;  
4) 0.8 MBM redwood lumber in forebay house;  
5) 0.5 MBM do in walkway trestle;  
6) 2.7 MBM lumber furnished by the city, installed.

Plans and specifications may be obtained at the Cashier's Office, San Francisco Water Dept., 425 Mason St., San Francisco, upon deposit of \$5.00. \* 35

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

**GARAGE.** 1-story frame, \$160; rear 1475 47th Ave.; owner, P. Roesser, Frem. \* 36  
**ALTER flats.** \$210; 2508 Harrison St.; owner, F. Moglia, 1523-A Hampshire St.; contractor, Pacific Terrazzo Co., 2144 Lombard St. \* 37

**ARCADIA, L. A. CO.—Street Improvements—(City)**

**ARCADIA.** Los Angeles Co., Cal.—S. M. Milovich, 208 Cochran Bldg., Montebello, at \$12,945, submitted low bid and was awarded contract by Arcadia city council for improvement of El Monte Road, between Live Oak and a point 3400 feet north.

Work involves:

	(1)	(2)	(2a)	(2b)	Totals	Totals	Totals
S. M. Milovich	\$0.28	\$0.0525	\$0.045	\$0.055	\$14,542.50	\$12,945.00	\$15,075.00
Claude F. Fisher	30	.052	.....	.....	14,678.00	.....	.....
Oneal & Smith	33	.051	.....	.....	14,823.00	.....	.....
Oswald Bros.	35	.052	.....	06	17,676.00	.....	19,380.00
W. E. Hall Co.	425	04988	.....	05 1/2	15,724.44	.....	16,282.50
Geo. R. Curtis	50	.055	.064	06	17,715.00	19,632.00	18,780.00
Huffman Engrg.	415	.065	.....	.066	18,925.00	.....	19,038.00

- (1) 12,000 cu. excav.;
- (2) 213,000 sq. yds. premix;
- (2a) 213,000 sq. yds. oil macadam pavement;
- (2b) 213,000 sq. yds. asph. concrete pavement;

The complete bids were:

**COCONINO CO., ARIZ.—Subgrading Roadway—(State)**

**COCONINO CO., Ariz.—Lee Moor,** Bassett Tower Bldg., Texas, at \$85,620, submitted low bid to the Arizona State Highway Commission, T. S. O'Connell, State Highway Engineer, Phoenix, Arizona, for subgrading roadway, refinishing slopes, placing aggregate base course and asphaltic surface treatment from Navajo Bridge near Lee's Ferry south 20 mi., Flagstaff Fredonia Highway, F.L. 4-E (1938), AFE 8975.

- Work involves:
- (1) 19.9 miles subgrading roadway & refinishing slopes;
  - (2) 70,700 tons coarse aggregate base course;
  - (3) 30,200 tons coarse aggregate base course;
  - (4) 1470 M. gals. sprinkling;
  - (5) 900 hours rolling;

- (7) 219,100 gals. road oil, SC-2;
- (7) 1460 tons blotter material (pit run).

Total bids follow:

(A) Lee Moor Contr. Co., El Paso	\$85,619.58
(B) Strong & Grant, Springfield	96,990.93
(C) Son. Cal. Roads Co., Los Angeles	98,864.38
(D) Geo. W. Orr, El Paso	108,780.45
(E) Skousen Bros., Albuquerque	110,453.09
(F) J. A. Casson, Phoenix	111,018.88
(G) Pearson & Dickerson	122,126.70
(H) Tiffany Constr. Co., Phoenix	125,625.65
(I) Ken Hodgman, Flagstaff	132,130.75

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A)	\$200	\$0.54	\$0.54	\$2.50	\$3.00	\$0.085	\$1.50
(B)	600	.52	.57	3.00	3.50	.09	2.00
(C)	400	.59	.55	4.00	3.50	.095	1.90
(D)	1000	.55	.55	4.00	3.00	.10	2.00
(E)	750	.63	.75	3.00	3.50	.085	1.50
(F)	850	.60	.62	4.00	3.75	.095	2.00
(G)	750	.705	.745	4.50	3.60	.10	2.15
(H)	400	.75	.90	4.00	3.50	.10	2.50
(I)	1000	.75	.85	3.50	4.00	.10	2.00

**SACRAMENTO COUNTY—BRIDGE—(State)**

**SACRAMENTO.** Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at \$7,196, submitted low bid to the State Division of Highways, C. H. Whitmore, District Engineer, District III, 703 B Street, Marysville, for re-decking with portland cement concrete and plant-mixed surfacing the existing bridge across the Cosumnes River near Live Oak, Sacramento Co.

- Work involves:
- (1) One lot existing bridge decking to be removed and disposed of;
  - (2) 46 tons of mineral aggregate in place (plant-mixed surfacing);
  - (3) 25 tons liq. asph., SC-3 or SC-4, in place (plant-mixed surf.);
  - (4) 600 sq. yds. asph. paint binder, in place;
  - (5) 40 tons stone screenings in place (cast coat);
  - (6) 0.5 ton liq. asphalt, MC-3, in place (cast coat);

- (7) 19,000 lbs. bar reinf. steel in place
- (8) 68 cu. yd. Class A portland cement concrete, in place;
- (9) 22,000 lbs. structural steel, in place;
- (10) 610 lf. timber wheel guard, in place;
- (11) 350 lf. temporary railing;
- (12) One lot existing flume work;
- (13) One lot misc. items of work.

Total bids follow:

(A) Lord and Bishop, Native Sons Bldg., Sacramento	\$7,196.00
(B) M. A. Jenkins, Sacramento	\$7,390.25
(C) Holdener Const. Co., Sacramento	\$10,913.50
(D) Tieslus Bros., Berkeley	\$12,290.20
(E) John C. O'Leary Const. Co., San Francisco	\$12,457.50

Unit prices follow:

(1)	\$500.00	\$500.00	\$100.00	\$380.00	\$974.00
(2)	5.00	8.00	9.00	12.40	10.00
(3)	30.00	22.50	25.00	20.00	25.00
(4)	15	.06	.07	.25	.07
(5)	4.00	6.00	7.00	7.00	6.50
(6)	50.00	50.00	56.00	50.00	60.00
(7)	.06	.054	.06	.05	.085
(8)	25.00	30.00	47.00	43.90	40.00
(9)	12	.12	.195	165	21
(10)	50	.50	.30	.30	.80
(11)	50	.80	1.50	1.50	2.00
(12)	100.00	100.00	350.00	200.00	500.00
(13)	200.00	290.00	245.00	200.00	500.00

San Francisco's Finest Printers—STARK-RATH Printing Company

ALTER tavern, \$750; 1313 Stockton St.; owner, A. Esmiol, 110 Sutter St.; plans by Fabre & Hildebrand, 110 Sutter St.

ALTER dwelling, \$500; 175 Schwerin St.; owner, Eugenio Patrone, 250 Schwerin St.

ALTER store, \$150; 330 Market St.; owner, Woodstock Typewriter Co., Prem.

ALTER office, \$50; NW 7th and Hooper; owner, United Materials and Richmond Brick Co., Prem.

SIGN, electric, \$50; 4364 Mission St.; owner, Vincent's Grotto, Prem.; contractor, GRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER frame garage, \$100; 90 Jordan Ave. (rear); owner, James Hatcher, Prem.; contractor, Chas. J. U. Koenig Sons, 210 Dorland St.

ALTER flats, \$250; 184 Carl Street; owner, Jos. P. Murphy, 178 Carl Street.

ALTER restaurant, \$700; 2237 Mason St.; owner, P. Consulter, Prem.; contractor, Rome Carpenter Shop, 1659 Powell St.

ALTER dwelling, \$300; 1826 Filbert St.; owner, M. Giono, Premises; contractor, S. Mazzoncini, 3020 Buchanan St.

ALTER dwelling, \$285; 1775 Fulton; owner, Low Jennings, 1769 Fulton St.

ALTER restaurant, \$250; 368 11th St.; owner, L. Erbaggi, Premises; contractor, D. Cappelletti, 667 Hampshire St.

GARAGE, 1-story frame, \$100; N. Wilmont, 81 E. Fillmore; owner, Fleecchia Real Estate Agent, 2315 California St.; contractor, I. Hamada, 2279 Pine St.

ALTER apartments, \$350; 2598 Filbert St.; owner, Ernest J. Richter, 550 Stockton St.

ALTER flats, \$350; 189 Belvedere St.; owner, Lena Derenzo, 386 Prem.; contractor, C. Koljonen, 1386 Noe St.

ALTER dwelling, \$600; 62 Taraval St.; owner, Hazel R. Graham, Prem.; contractor, W. B. Hocking, 2216 Clement St.

ALTER auto wrecking, \$500; 20 DuBoce Ave.; owner, J. A. Beaver, Trustee, 1533 Court St., Alameda.

ALTER dwelling, \$300; 102 Goethe; owner, P. Pastani, 3196 San Jose Ave.; contractor, W. Warren, 614 Hanover St.

ALTER flats, \$250; 1520 Anza St.; owner, Roy F. Nelson, 1522 Anza St.; contractor, Ostlund & Johnson, 1901 Bryant St.

ALTER restaurant, \$15; 920 Market St.; owner, Ye Olde College Inn, Inc., Prem.; contractor, A. Guisti Co., 200 Green St.

SIGN, electric, \$50; 363 Sutter St.; owner, Delmonico's, Prem.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

SIGN, electric, \$50; 3394 Mission St.; owner, Mtv Nice Bakery, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.

SIGN, electric, \$200; 2366 Mission St.; owner, Siegels Clothing, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.

FIRE WALL, \$150; 324 Clay Street; owner, Anna N. A. Hill, 268 Market St.; contractor, J. A. Tassi, 268 Market St.

ALTER school, \$50; SW Pine and Steiner Sts.; owner, Dominican Fathers, Bush and Steiner Sts.;

contractor, J. R. Shields, 1925 Post St.

SIGN, electric, \$50; 2366 Mission St.; owner, Siegels Clothing, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.

BILLBOARD, \$7; S Judah 108 W 27th Ave.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

ALTER apts., \$35; 1611 Washington; owner, P. Crowley, 1605 Washington St.; contractor, Turner & Co., 1702 Washington St.

ALTER dwelling, \$500; 2717 20th St.; owner, Fred B. Anderson, Prem.

GARAGE, 1-story frame, \$700; 2092 3rd St.; owner, E. Amio, Prem.; contractor, H. Schwahn, 222 Castro St.

ALTER stores, \$500; 267 Minna St.; owner, Daniel O'Neill, 273 Minna.

SIGN, electric, \$500; 704 Market St.; owner, Capital Co., 625 Market; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 2201 19th Ave.; owner, Union Oil Co., Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 3800 Third St.; owner, Union Oil Co., Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 1995 Market St.; owner, Union Oil Co., Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, electric, \$100; 800 Folsom St.; owner, Union Oil Co., Premises; contractor, Elec. Prod. Corp., 910 Harrison St.

SIGN, elec., \$100; Laguna Honda and Plaza; owner, Union Oil Co., Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.

TUOLUMNE & MARIPOSA COUNTIES—Surfacing—(Govt.)

TUOLUMNE AND MARIPOSA COS., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$124,370.10, submitted low bid to the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 10,518 miles surfacing on Sections A2, A3 and A4 of Route 3, the Big Oak Flat Road, and a portion of Section A1 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne and Mariposa Counties, Calif.

- Work involves:
- (1) 4300 cu. y. unclassified excavation.
  - (2) 400 cu. y. unclassified excavation for structures.
  - (3) 50,000 sta. yds. overhaul.
  - (4) 10,518 miles fine grading subgrade and shoulders.
  - (5) 44,000 tons heavy crushed rock base course.
  - (6) 23,200 tons stockpiled base

- (7) 20,300 tons crusher run top course.
  - (8) 13,340 tons stockpiled top course.
  - (9) 100 gal. gallons water piping.
  - (10) Lump sum, water plant or plants
  - (11) 215 tons Type MC-2 cutback asphalt for prime coat;
  - (12) 115 tons Type MC-2 cutback asphalt for prime coat;
  - (13) 350 tons cover aggregate;
  - (14) 740 tons stockpiled cover aggregate.
  - (15) 42,300 ton miles hauling crushed rock;
  - (16) 110 lf. 8-in. corrugated galvanized sheet metal pipe;
  - (17) 3 each, 8-in. corrugated galvanized sheet metal pipe elbows;
  - (18) 120 lf. 8-in. perforated corrugated sheet metal pipe and underdrains;
  - (19) 300 sq. yds. mortar backfill seal.
- Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$124,370.10
- (B) Claude C. Wood, Stockton, and Frank B. Marks, Newman—\$125,865.15
- (C) Mountain Constr. Co., Sacramento—\$134,324.05
- (D) Ralph A. Bell, San Marino—\$157,766
- (E) Geo. Pollock Co., Sacramento—\$159,418.60
- (F) Heafey-Moore Co. and Fredrickson & Watson Constr. Co., Oakland—\$159,871.50
- (G) Bodenhamer Constr. Co., Oakland—\$168,388.52
- (H) Hemstreet & Bell, Marysville—\$173,124.40
- (I) Gibbons & Reed Co., Burbank—\$220,316.50
- (J) Metropolitan Elec. Constr. Co., Los Angeles—\$221,943.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 0.55	\$ 0.50	\$ 0.35	\$ 0.60	\$ 0.50	\$ 0.55	\$ 0.50	\$ 1.00	\$ 0.60	\$ 0.50
(2)	3.00	4.00	1.50	2.50	2.00	4.00	1.50	3.00	2.50	2.00
(3)	.01	.01	.01	.02	.01	.02	.01	.02	.02	.01
(4)	200.00	175.00	275.00	400.00	200.00	300.00	340.00	300.00	1000.00	500.00
(5)	.87	.75	.61	.85	.90	.83	1.00	.80	1.20	1.55
(6)	.75	.85	.54	.65	.75	.77	1.01	.90	1.15	1.50
(7)	.75	.85	.53	1.00	.90	.97	1.34	1.10	1.25	1.65
(8)	.65	.70	.69	.70	.75	.79	1.21	1.05	1.15	1.65
(9)	2.00	1.50	2.25	3.00	3.00	1.50	1.50	2.00	3.50	2.00
(10)	500.00	500.00	500.00	300.00	750.00	700.00	1000.00	500.00	1200.00	500.00
(11)	30.00	30.00	36.00	28.00	26.00	27.50	25.00	30.00	30.00	25.00
(12)	30.00	28.50	34.00	30.00	25.00	26.40	25.00	27.50	27.50	25.00
(13)	1.00	2.00	3.50	2.50	3.50	2.60	4.00	3.00	2.00	3.00
(14)	.57	1.10	3.00	1.50	2.00	2.20	3.20	2.50	2.00	3.00
(15)	.0855	.07	.10	.14	.12	.12	.07	.12	.16	.09
(16)	1.25	1.70	1.50	1.50	1.50	1.10	1.50	1.25	1.20	2.00
(17)	12.00	10.00	10.00	12.00	12.00	8.00	10.00	8.00	10.00	20.00
(18)	1.75	2.50	2.50	3.00	2.50	2.20	2.15	2.50	1.20	2.00
(19)	1.00	1.50	1.50	2.00	.75	1.50	.60	1.25	.72	1.00

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**FORT MASON, Cal.**—Until Dec. 6, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 925-38-145, for furnishing parts for Dodge 2½-ton model K-55, Westfield Bicycle, Delco Remy units, including bearings, sprockets, axles, wheels, regulators, gaskets and plate assemblies; f.o.b. Motor Warehouse No. 6, Presidio, San Francisco.

**FORT MASON, Cal.**—Until December 1, 10 A. M., bids will be received by the Quartermaster Supply Officer San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 925-38-137, for furnishing 31,400 lbs. sodium thiosulphate; fob various District Quartermasters, C.C.C.

**FORT MASON, Cal.**—Until December 1, 10 A. M., bids will be received by the Constructing Quartermaster, San Francisco and Vicinity, Fort Mason, under Bid No. W-6616-38-5, for Douglas Fir sheathing, doors, sash, jambs, flooring, lumber, and miscellaneous hardware; fob Bidg. No. 39, Letterman General Hospital, Presidio of San Francisco.

**FT. WINFIELD SCOTT, Cal.**—Until Nov. 27, 10:30 A. M., bids will be received by Col. O. S. Albright, Contracting Officer, Signal Corps, Signal Officer, 9th Corps Area, Presidio, San Francisco, under Bid No. C. P. 1094 SC 38-10, for equipping and installing four 90-ft. poles and seven 25-ft. poles including anchors, guys, fittings, crossarms and the installation of a complete antenna including terminating impedance line for one horizontal rhombic antenna at Fort Winfield Scott.

**FORT MASON, Cal.**—Until Dec. 2, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 925-38-153-Misc., for furnishing meat blocks, fork handles, hoe handles, parts for fire extinguishers, hiaching material, and oxalic acid; f.o.b. Dock No. 3, Fort Mason, San Francisco.

**FORT MASON, Calif.**—Until Dec. 8, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, San Francisco, under Bid No. 925-38-154, for furnishing copper lugs, battery terminal, starter cable, parts for Federal 2½-ton truck, Model Q-9, parts for Federal Truck Model 15-21 and taper roller bearings, fob Motor Warehouse No. 6, Presidio of San Francisco.

**FORT MASON, Calif.**—Until Dec. 7, 10:00 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, San Francisco, under Bid No. 925-38-157, for furnishing rubber insulated wire, steel conduit, fittings, outlets, accessories and iron pipe straps and conduit straps, fob Utilities Shops Bidg. No. 74, Fort Mason, San Francisco.

## CONCHAS DAM

**CONCHAS DAM, N. M.**—Until Dec. 5, 11 A. M., bids will be received by U. S. Engineer, Conchas Dam, N. M., for high grade plow steel wire rope 6X19, fob Newkirk, N. M., as follows: (1) 1200 ft. ¾-in. dia. fibro core; (2) 1200 ft. ¾-in. dia. wire strand core; (3) 1200 ft. ¾-in. do. Invit. W911-38-63.

**CONCHAS DAM, N. M.**—Until Dec. 4, 11 A. M., bids will be received by U. S. Engineer, Conchas Dam, N. M., for rental of one to four diesel-driven, crawler tractors without operating personnel, each equipped with cable or hydraulic controlled bulldozer (with option to purchase) fob bidder's shipping point for shipment on Govt. bill of lading to Newkirk, N. M. Invit. W911-35-61.

**CONCHAS DAM, N. M.**—Until Dec. 3, 11 A. M., bids will be received by U. S. Engineer, Conchas Dam, N. M., for one 1-c.y. power shovel, direct diesel engine drive, fob bidder's shipping point for shipment on Govt. bill of lading to Newkirk, N. M. Alternate bids will be received on used shovel. Inv. W-911-35-59.

Note: Addendum No. 1 to above invitation for bids deletes alternate bid for used equipment and states that bids will be received on New Equipment, only.

**CONCHAS DAM, N. M.**—Until Dec. 6, 11 A. M., bids will be received by U. S. Engineer, Los Angeles, for (1) 2 new stake body type trucks not less than 1½-ton payload capacity and with dual rear wheels; (2) one new 1½-ton truck chassis with dual rear wheels, delivered to Newkirk, N. M., or fob shipping point for shipment on Govt. bill of lading to Newkirk, N. M. Invit. W911-35-62.

**CONCHAS DAM, N. M.**—Until December 3, 11 A. M., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for furnishing and delivering misc. ponderosa pine and Douglas fir lumber, fob Newkirk, N. M. Inv. No. W 911-35-57.

**CONCHAS DAM, N. M.**—Until Dec. 3, 11 a. m., bids will be received by the U. S. Engineer, Conchas Dam, N. M., for one 2-c.y. power shovel, direct diesel engine drive, fob bidder's shipping point for shipment on government bill of lading to Newkirk, N. M. Alternate bids will be received on USED shovel. Inv. W-911-35-59.

## LOS ANGELES CITY

**LOS ANGELES, Calif.**—Until Dec. 2, 10 A. M., bids will be received by Los Angeles Water & Power Purchasing Agent for 20,000 ft. No. 12 AWG single conductor rubber insulated wire. Bid 5547.

**LOS ANGELES, Calif.**—Until Dec. 2, 2 P. M., bids will be received by Los Angeles Water & Power Purchasing Agent for: (1) one 10-ton gear-and-chain wheel trolley and electric hoist; (2) one 5-ton do.; (3) one 1-ton stationary mounted electric hoist. Spec. No. 2459.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**BID NO. 5324**—Purchase of new Chevrolet replacement parts, including lump sum trade-in allowance and/or cash offer of new tires and tubes; f.o.b. Government Island.

**GOVERNMENT ISLAND, Calif.**—Bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

**NOVEMBER 30, 2:00 P. M.:**  
**BID NO. 5319:** Pack saddles, pads and trees; fob Government Island;

**BID NO. 5325:** Axe and striking hammer handles; fob Government Island;

**BID NO. 5327:** Torcb replacement parts; fob Mt. Shasta.

**DECEMBER 6, 2:00 P. M.:**  
**BID NO. 5325:** Hand power, bench grinders; fob Portland, Ore. \*

## TREASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

**SAN FRANCISCO.**—Until Dec. 1, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, under Bid No. 4706, for furnishing 600 tons of Type "A" asphaltic concrete surfacing, fob San Jose. \*

**SACRAMENTO, Calif.**—Until Nov. 30, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, 208 Post Office Bldg. Sacramento, under Bid No. 1105-38-153, for furnishing 30 bales of cotton string water, 100 lbs to bale, fob Rio Vista. \*

## MET. WATER DISTRICT

**LOS ANGELES, Calif.**—Until Dec. 2, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles, for 5-, 6-, and 8-in. pipe sections, fabricated pipe details, etc., for Gene pumping plant, fob bidder's shipping point and/or Exp. Unit prices must be shown on bid, lump sum bids will not be considered. Bid 91757. \*

**LOS ANGELES, Calif.**—Until Nov. 30, 2 P. M., bids will be received by the Metropolitan Water District Purchasing Agent, Los Angeles, for cast copper tee connectors, bus support bronze castings for Intake, Gens. Iron Mtn., Eagle Mtn and Hayfield pumping plants, fob bidder's shipping point and/or fob Earp or Rice. Certified or cashier's check. 5% must accompany bid. Bid 91750. \*

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S. F. Building Permit Figure  
Reaches \$1,152,485

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*Low Bids on State Jobs Total \$624,633*

♦ ♦ ♦ ♦

Building Permits, Advance Reports  
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# PACIFIC CONSTRUCTOR

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Vol. XX SAN FRANCISCO, CALIF., DECEMBER 4, 1937 No. 46

## Coffman, Prominent Architect, Killed In Valley Accident

SACRAMENTO, Dec. 1.—Death today claimed two prominent Sacramentans, both widely known in the construction industry.

Instantly killed when the car in which they were riding overturned on the road to Jackson were W. E. Coffman, prominent architect, and A. R. Robertson of the Pacific Portland Cement Company.

The accident occurred shortly before noon, when the car, apparently out of control, left the road and overturned three times.

Mr. Coffman, for 25 years a resident of Sacramento, had been a practicing architect for the past 15 years, and was identified with many of the most important building projects in the Sacramento Valley and elsewhere in Northern California.

### High School Project

Mr. Coffman's most recent large commission was the Fort Bragg Union High School, for which bids were opened November 19. He had done extensive school, commercial and residential work.

Among large projects designed by Mr. Coffman are the Stanford Junior High School in Sacramento, Pierce Joint Union High School at Bros.' store and the Forum building in Sacramento.

Mr. Coffman made his home at 1126 Forty-sixth street, Sacramento. He was 45 years old at the time of his death. Surviving are his widow, Mrs. Luella Coffman, and three children: Virginia, 14; William, Jr., 11; and Richard, 8.

### Widely Known

Mr. Robertson, with whom Mr. Coffman had been driving to Jackson to inspect a project in which they both were interested, likewise was prominent in the building industry and widely known among architects, engineers, material men and contractors.

Mr. Robertson was Pacific Portland's Sacramento Valley representative, and made his home at 632 Thirty-seventh street, Sacramento.

## November S. F. Building Total Best Since August; \$1,152,485 Volume Reflects Gain

Six hundred and fifteen building permits were issued in San Francisco during November for construction estimated to cost \$1,152,485, the largest permit total since August, according to figures released yesterday by Chief Clerk S. J. Rosenblum of the Central Permit Bureau.

The building level returned to that of the first two months of the year and showed a substantial increase over September and October.

Indications were that the total for the entire year will exceed \$20,000,000, making 1937 the biggest building year since 1931 when more than \$21,000,000 in permits were issued. According to figures, 7,276 permits have been issued in San Francisco during the first eleven months of 1937 for construction costing \$19,314,609. This time last year only 6,834 permits had been issued for work costing \$16,845,389.

### Over Last Year

This month's total showed a slight gain over the November, 1936, total of \$1,073,497, and a substantial gain over the October, 1937 figure of \$881,530. The November total was more than \$100,000 higher than the September figure of \$907,979.

Frame construction dropped as against last month and November, 1936. This month 110 permits were issued for frame construction costing \$483,423. The November, 1936 total was \$675,815; the October figure was \$577,300.

Considerable gains were registered in the Alteration division. Four hundred and ninety-five permits were issued in November for alterations costing \$321,936. This figure was considerably higher than the November, 1936 alteration total of \$292,107, and the October total of \$268,630.

No Class B, public building or Exposition permits were issued last November. This November the Class B total was \$89,600; the public building total, \$10,491; and the Exposition total, \$215,535. No permits were issued under these classifications in the October.

In issuing the figures Mr. Rosenblum pointed out that only six Exposition permits have been issued this year for work costing \$911,334; last year four permits were issued for construction costing \$2,951,514. Excluding Exposition per-

## Veteran Works Dept. Employee Is Retired

In 1899, thirty-eight years ago, B. Louis Tyrrel, known affectionately to the hundreds who deal with the San Francisco Department of Public Works as Louis, started his career at the City Hall; yesterday he aided Director Worden for the last time.

For yesterday Louis, office assistant, retired.

One of the best known figures at City Hall for years, Louis was greeted by nine out of ten people who walked its corridors. Louis knew everybody, and everybody knew Louis.

A few days ago his co-workers gave him a party. Yesterday Director Worden prefaced a meeting of the Department of Public Works with a short farewell address, lauding Louis for his faith and integrity during his long service in behalf of San Francisco.

He said, the permit total for the first eleven months of 1937 is almost \$5,000,000 higher than the total for the same period last year.

Following is a classification of permit figures for November, 1937, and November, 1936:

	Nov., 1937	Nov., 1936
A	\$ 89,600	\$ 35,000
B	7 31,500	6 70,575
C	110 483,423	139 675,815
Frames	495 321,936	413 292,107
Alter.	1 10,491	
Public	1 215,535	
1939 Exp.		
Total	615 \$1,152,485	569 \$1,073,497
1937 (11 Months)	1936 (11 Months)	
7,276 \$19,314,609	6,834 \$16,845,389	

## SCHEDULE BIDS FOR STOCKTON HOSPITAL UNIT

Proposals on 2-Story Reinf.  
Concrete Addition Open  
December 28

SACRAMENTO, Nov. 30. — Another unit in the State institutional building program went out for bids today as the State Division of Architecture authorized advertisement of contracts for construction of a new unit at Stockton State Hospital.

The new unit will be a ward building for acute disturbed female patients. Bids are to be opened December 28.

The building will be two stories in height, of reinforced concrete construction, and will have steel sash and tile roof.

### Four Contracts

Separate bids will be taken for general work, electrical work, heating and ventilating work, plumbing work.

The new unit will be financed entirely from State funds, since it was not included in the group of seven projects which recently received allotments from the Public Works Administration.

## SMALL CONTRACTS OCCUPY DEPT. AS YEAR NEARS END

Opening the final month of 1937, Director William H. Worden of the San Francisco Department of Public Works, yesterday received low bids aggregating \$13,714 on three city contracts.

Low bidder on the largest job, involving reconstruction of Harriet street between Folsom and Harrison streets, was Charles L. Harney, at \$7,350.80.

Second lowest bidder was A. G. Raish, at \$7632.25. Other bidders were: Pacific Pavements, Ltd., \$7,652.45; Fay Improvement Company \$7774.15; Lowrie Paving Company, \$7874.15; Eaton & Smith, \$7873.

The second largest job for which bids were opened yesterday involved widening Second street between Brannan and Townsend streets. Low bidder was A. G. Raish, at \$4,596.80. Other bidders were: The Fay Improvement Company, \$4,940.30; Eaton & Smith, \$5621.95; Charles L. Harney, \$5725; Lowrie Paving Company, \$5836.15; and Pacific Pavements, Ltd., \$667.20.

Standard Fence Company, at \$767.16, submitted the low bid for constructing a base-ball backstop and fencing at Funston Field. Final bids were called to be opened December 15, for construction of a Bureau of Identification Penthouse at the Hall of Justice. Bids received recently on the job were rejected.

## Griffith Co., N. M. Ball Sons Low Bidders On \$624,633 State Highway Division Jobs

SACRAMENTO, Dec. 1.—Low bids aggregating \$624,633 today were submitted to the State Division of Highways for construction of an undergrade crossing in Shasta county, and for grading and paving 19.1 miles of highway in Kern county.

The largest job involved grading and paving with asphalt cement concrete about 19.1 miles of highway between one mile north of Grapevine Station and ten miles south of Bakersfield in Kern Co.

The low bidder was Griffith Co., Los Angeles, at \$461,075.09. The second lowest bidder was Oswald Brothers, at \$482,346, followed by Union Paving Co., \$483,625.25.

### Principal Items

Prices were submitted on thirty-three items. Principal items included: 247,000 cubic yards of unclassified roadway excavation; 23,000,000 station yards overhaul; 245,000 square yards prepare sub-grade; 22,500 square yards salvaged rock sub-grade; 77,650 sq. yds. preparing shoulders; and 74,475 tons mineral aggregate asphaltic concrete base and leveling course.

Following is a complete list of bidders:

Griffith Company	.....	\$461,075.09
Oswald Brothers	.....	482,346.00
Union Paving Co.	.....	483,625.25
Fredericksen and Westbrook	.....	486,055.20
David H. Ryan	.....	493,870.50
Heafey-Moore Co. and		
Fredericksen & Watson	.....	505,693.40
Hanrahan Company	.....	507,575.85
United Pipe Corp.	.....	519,216.55
Metropolitan Const. Co.	.....	535,790.45
D. W. Thurston	.....	537,935.65
Gibbons, Reed & Co.	.....	541,186.50
Olaf Nelson	.....	549,235.76
Basich Brothers	.....	555,446.45
Daley Corporation	.....	594,302.75

### Redding Underpass

N. M. Ball Sons, Albany, at \$163,558, submitted the low bid on the only other job opened here today. The contract calls for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad about one mile south of Redding in Shasta county. Specifications also call for grading and paving with Portland cement concrete and crusher run rock base and rock mix surfacing about 0.79 mile of highway adjacent to the underground crossing.

The second lowest bidder was John Rocca and Claude C. Wood of Stockton, at \$164,069.53.

Following is a complete list of bidders:

N. M. Ball Sons	.....	\$163,558.00
John Rocca and Claude C. Wood	.....	164,069.53
Earle W. Hepple	.....	164,330.55
C. W. Caletti & Co.	.....	174,249.25
Poulos & McEwen	.....	177,314.00
A. Soda and Son	.....	191,099.55

Prices were submitted on forty-seven items. Principal items included: 48,000 cubic yards of unclassified roadway excavation; 6500 cubic yards of structural excavation;

## BUILDERS HOLD ANNUAL MEETING IN S. F. DEC. 10

Central Calif. Chapter, A.G.C.,  
Making Final Preparations  
For Big Affairs

Preparations were nearing the final stage today for the annual meeting of the Central California Chapter, Associated General Contractors of America, which will be held December 10.

Secretary-Manager William E. Hague declared the meeting will be one of the finest of recent years and indicated a record attendance at their annual affair is anticipated.

The gathering will open in the afternoon at the chapter meeting room, 211 Sharon building, San Francisco, with the regular business sessions scheduled to start at 3:30 P. M.

Officers and committees will present their annual reports. Special orders of business will include thoroughgoing discussions of labor relations and of new methods of building construction.

Following the business sessions, the annual dinner will be held at 6:30 P. M. in the Empire room of the Sir Francis Drake hotel. An unusual entertainment program has been arranged by the committee in charge.

Members of the committee on arrangements are: R. Walberg, chairman; Al Courtney, Louis C. Dunn, Fred J. Early, Jr., S. G. Johnson, F. R. Meyer, E. C. Moore, C. F. Parker and W. C. Tait.

"Members of the association from all parts of Northern and Central California will be here for the meeting," said Mr. Hague. "We expect it will be one of the biggest and best we have ever held."

Since comfortable seating capacity of the Empire Room is limited, members were urged to make their reservations immediately in order to avoid last minute disappointment.

10,000 cubic yards of imported subgrade material; 138,000 lbs. bar reinforcing steel; 365,000 lbs. of structural steel; 16,000 lbs. cast steel; 67,000 lbs. wrought iron plate and 1350 cubic yards Class A portland cement concrete.

# PERMITS AND CONTRACTS

**SAN FRANCISCO COUNTY**

No.	Owner	Contractor	Am't.
226-7	Doelger	Owner	3500
228-9	Doelger	Owner	4000
230	Reed	Owner	4000
231	Shell	Owner	4500
232	Harms	Owner	4500
233	Raphael	Foster	3550
234-5	Standard	Owner	3000
235	Allison	Owner	4250
237	Clancy	Owner	7000
238	S. P. Co.	Owner	15000
239	McCabe	Owner	5000
240	Puccinalli	Cornblum	3500
241	Scarborough	Mattock	2000
242	Washington	Vehlye	3000
243	Wilbur	Parker	2250
244	Adams	Owner	1200
245	Coca-Cola	QRS	5000
246-7	Doelger	Owner	5000
248	Isaac	Owner	6000
249	Jones	Graham	3000
250	McCabe	Owner	5000
251	Rordan	Natl. Roof.	1000
252	Univ. Cal.	Blenfield	2000
253	Calmus	Thorinson	5500
254	Capital	Owner	3100
255-56	Hansen	Owner	4000
257	Hunt	Harly	3000
258	Murphy	Owner	8000

**DWELLING**  
(226) S JUDAH 90 E 40th Avenue.  
One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(227) S JUDAH 90 W 39th Avenue.  
One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$3,500

**DWELLING**  
(228) SE 40th AVE. and Judah St.  
One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**DWELLING**  
(229) SW 39th AVE. and Judah St.  
One - story and basement frame dwelling.  
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah Street.  
Architect—Not Given. \$4,000

**ALTERATIONS**  
(230) SE FULTON and Gough Sts.  
Alter tire shop.  
Owner and Contractor—Reed Tire Co. SE Fulton and Gough Sts.  
Architect—D. E. Jaekle, 126 Post St. \$4,000

**SERVICE STATION**  
(231) SW BAYSHORE and Alemany Blvd. Steel service station.  
Owner—Shell Oil Co., 100 Bush St.  
Contractor—Not Selected.  
Plans by L. M. White, 100 Bush St.  
Engineer—E. M. Davidson, 100 Bush Street. \$4,500

**FACTORY**  
(232) E NINTH ST. 125 S Howard St.  
One-story Class C factory.  
Owner and Builder—Hugo Harms, 1217 Stanyan Street.  
Engineer—V. Sandner, Oakland. \$4,500

**ALTERATIONS**  
(233) 108 LAIDLEY ST. Alter dwelling

Owner—Henry Raphael, 108 Laidley. Contractor—Stuart Foster, 28 Harry. Architect—Wm. Garren, 233 Post St. \$3,550

**SERVICE STATION**  
(234) SW DUBOCE AVE. and Market St. Steel service station.  
Owner and Builder—Standard Oil Co. 225 Bush Street.  
Architect—Not Given. \$3,000

**GREASING STATION**  
(235) SW DUBOCE AVE. and Market St. Steel greasing station.  
Owner and Builder—Standard Oil Co. 225 Bush Street.  
Architect—Not Given. \$3,000

**DWELLING**  
(236) W FUNSTON AVE. 50 S OF KIRKHAM. One-story and basement frame dwelling.  
Owner—Ray Allison, 111 Taylor St. Architect—Not Given. \$4,250

**FLATS**  
(237) E 9TH AVE., 225 N NORIEGA. Two-story frame flats.  
Owner—J. Clancy, 2380 Washington St. Architect Not Given. \$7,000

**WAREHOUSE**  
(238) THIRD AND BERRY STS. One-story frame warehouse.  
Owner—Southern Pacific Co., 65 Market St. Architect—Not Given. \$15,000

**DWELLING**  
(239) W 28TH AVE., 295 S OCEAN AVE. One-story and basement frame dwelling.  
Owner—James W. McCabe, 716 Ulloa St. Architect—D. E. Jaekle, 126 Post St. \$5,000

**DWELLING**  
(240) E 4TH AVE., 250 N LAWTON ST. One-story and basement frame dwelling.  
Owner—Albert Puccinalli, 1554 Masonic Ave. Contractor—Ed Cornblum, 47th Ave. and Rivera St. Architect—Not Given. \$3,500

**ALTERATIONS**  
(241) 2516 UNION ST. Alter dwelling.  
Owner R. Scarborough, c/o Contractor A. F. Mattock Co., 212 Clara St. Architect—Not Given. \$2,000

**DWELLING**  
(242) NW COLE and RIVOLI 2-story and basement frame dwelling.  
Owner—Ed. Washington, 241 Rivoli St. Contractor—Theodore Vehlye, 1326 29rd Ave. Architect—Not Given. \$6,000

**ALTERATIONS**  
(243) 1416 FERRIER ST. Alter dwelling.  
Owner—C. D. Wilbur, Prem. Contractor—Paul Carpenter, Inc., 80 Mission St. Architect—Not Given. \$2,250

**ALTERATIONS**  
(244) 1025 LEBARD ST. Alter dwelling.  
Owner—Paul Adams, 2590 Lombard St. Architect—Not Given. \$1,200

**ALTERATIONS**  
(245) SW 5TH AND BRYANT STS. Alter factory.  
Owner—Coca-Cola Co., Atlanta, Ga. Contractor—QRS Neon Corp., Ltd., 649 Potrero Ave. Engineer—L. H. Nishkian, 525 Market St. \$5,000

**DWELLING**  
(246) N. ORTEGA. 128 E 16TH AVE. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5,000

**DWELLING**  
(247) N. ORTEGA. 53 W 15TH AVE. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St. Architect—Not Given. \$5,000

**DWELLING**  
(248) N. BURLWOOD DRIVE, 128 E EMIL LANE. Two-story and basement frame dwelling.  
Owner—H. H. Isaac, 1149 Cole St. Architect—Not Given. \$6,000

**DWELLING**  
(249) SW GALVEZ AND COLEMAN. One-story and basement frame dwelling.  
Owner—Eva Jones, 247 Van Ness Ave. South. Contractor—Graham & Jensen, 728 35th Ave. \$3,000

**DWELLING**  
(250) W 28TH AVE., 250 S. OCEAN AVE. One-story and basement frame dwelling.  
Owner—James W. McCabe, 716 Ulloa Street. Architect—Not Given. \$5,000

**ALTERATIONS**  
(251) 1396 VAN NESS AVE. SO. Alter apartments.  
Owner—Lucy F. Rordan, Prem. Contractor—National Roofing & Siding Co., 2172 Market St. Architect—Not Given. \$1,000

**ALTERATIONS**  
(252) NW 3RD and PARNASSUS AVES. Alter nurses' home.  
Owner—University of California, Berkeley. Contractor—D. L. Blenfield, 666 Mission St. Architect—Not Given. \$2,000

**DWELLING**  
(253) W BEAUMONT AVE., 363 N TURK ST. Two-story and basement frame dwelling.  
Owner—F. A. Calmus, c/o Contractor—F. H. Thomson, 1430 Ocean Ave. Architect—Harold G. Stoner, 251 Kearny St. \$5,500

**ALTERATIONS**  
(254) SW NINTH AND MARKET STS. Alter bank.  
Owner—Catal Co., 625 Market St. Engineer—L. H. Nishkian, Under-5-1-B-1. \$3,100

**DWELLING**  
(255) S NIAGARA 70 W DEPT. NO. One-story and basement frame dwelling.  
Owner—Eugene Z. Haven, 2101 San Jose Ave. Architect—E. Eber, 343 Lawrence Ave. and Mel York. \$1,000

## DWELLING

(256) S. NIAGARA, 75 W DELANO.  
One-story and basement frame  
dwelling.  
Owner—Hansen & Hansen, 2401 San  
Jose Ave.  
Architect—L. Klein, 343 Laverne Av-  
enue, Mill Valley. \$4000

## FACTORY

(257) N. CLEMENTINA, 75 E 9TH  
ST. One-story frame factory.  
Owner—P. M. Hunt, 526 Powell St.  
Contractor—A. M. Hardy, 736 Clem-  
entina St.  
Architect—H. H. Gutterson, 526 Pow-  
ell St. \$3000

## FRAME FLATS

(258) E. ANNAPOLIS, 55 N. OF  
GOLDEN GATE AVE. Two-  
story and basement frame flats.  
Owner—John Murphy, c/o Architect.  
Architect—Albert H. Larsen, 333  
Kearny St. \$8000

## ALAMEDA COUNTY

No. Owner	Contractor	Amt.
345 Harn	Owner	3800
346 Transit	Bolland	1000
347 Assoc. Oil Co.	Owner	7000
348 Assoc. Oil Co.	Owner	3000
349 Pac. Paint	Siegrist	12000
350 Chapbell	Owner	1900
351 Conley	Elliott	4300
352 Davis	Davis	3500
353 Hutchison	Gifford	3000
354 Natl. Bisc.	Heathorn	1000
355 Waldman	Owner	2700
356 Brown	Owner	1000
357 Dinwiddie	Owner	6000
359 Griffith	Griffith	3500
360 Pfrang	Owner	6000
361 Pollard	Owner	3000
362 Dashiell	Owner	2700
363 Fox W. C.	Hopper	4000
364 Giambroni	Campomenosi	11800
365 Michaelis	Stewart	1200
366 Montclair	Armstrong	25000
367 Oakland	Owner	1000
368 Oakland H S.	Lulloch	1077
369 Shuller	Ata. Bldrs.	1165
370 Van Ness	Van Ness	1000

## DWELLING

(345) 34 EL PATIO, OAKLAND.  
One-story 5-room dwelling.  
Owner and Builder—Erling Harn,  
5732 Ayala St., Oakland.  
Architect—Not Given. \$3,800

## REST ROOM

(346) 2500 PERALTA ST., OAK-  
LAND Two-story concrete rest  
room.  
Owner—Transit Concrete, Ltd., 2500  
Peralta St., Oakland.  
Contractor—J. Chester Bolland, 1813  
Lafayette St., Alameda.  
Architect—Walter Steilberg, 708 Wells  
Fargo Bldg., San Francisco. \$1000

## SERVICE STATION

(347) 1400 GROVE ST., BERKE-  
LEY. One-story 1-room service  
station.  
Owner & Builder—Assoc. Oil Co., 79  
New Montgomery St., San Fran-  
cisco.  
Architect—V. G. Raney, 133 Post St.,  
San Francisco. \$7000

## ALTERATIONS

(348) 1400 GROVE, BERKELEY.  
Alterations and move.  
Owner & Contractor—Assoc. Oil Co.,  
79 New Montgomery St., S. F.  
Architect—Not Given. \$3000

## ADDITIONS

(349) 1608 4TH ST., BERKELEY.  
Additions.  
Owner—Pac. Paint & Varnish Co.,  
Prem.  
Contractor—F. G. Siegrist, 604 Mis-  
sion St., San Francisco.  
Architect—Not Given. \$12,000

## ALTERATIONS

(350) 1101 75TH AVE., OAKLAND.  
Alterations to apartments.  
Owner & Builder—E. Chapbell, Prem.  
Architect—Not Given. \$1000

## DWELLING

(351) 2050 94TH AVE., OAKLAND.  
One-story 6-room dwelling.  
Owner—S. J. Conley, 3852 West St.,  
Oakland.  
Contractor—W. H. Elliott, 6015 Contra  
Costa Rd.  
Architect—Not Given. \$4300

## DWELLING

(352) 1901 DURANT AVE., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—Ruth W. Davis, 621 Begier  
Ave., San Leandro.  
Contractor—Stanley M. Davis, 640  
Bancroft Ave., San Leandro.  
Also 1-story garage, \$250.  
Architect—Not Given. \$3500

## DWELLING

(353) 3046 DELAWARE ST., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—A. W. Hutchison, 3048 Made-  
ira St.  
Contractor—L. A. Gifford, 3512 Hop-  
kings St.  
Also 1-story garage, \$200.  
Architect—Not Given. \$3000

## REPAIRS

(354) 1267 14TH ST., OAKLAND.  
Roof repairs.  
Owner—National Biscuit Co., 449 W.  
14th St., New York.  
Contractor—N. V. Heathorn Roof Co.,  
354 Hobart St.  
Architect—Not Given. \$1000

## DWELLING

(355) 951 OLIVE ST., OAKLAND.  
One-story 4-room dwelling.  
Owner & Builder—A. E. Waldman,  
5409 Foothill Blvd.  
Also 1-story garage, \$750.  
Architect—Not Given. \$2700

## ADDITION

(356) 1664 PACIFIC ST., OAK-  
LAND. Addition and repairs.  
Owner & Builder—E. B. Brown, 1664  
Pacific St.  
Architect—Not Given. \$1000

## DWELLING

(357) 125 STONEWALL RD., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner & Builder—John E. Dinwid-  
die, 116 Parkside Dr., Berkeley.  
Architect—J. E. Dinwiddie, 360 Pine  
St., San Francisco. \$6000

## ALTERATIONS

(358) 3029 HILLEGASS, BERKE-  
LEY. Alterations.  
Owner—Miss A. Luke.  
Architect—Not Given.  
Contractor—Allied Bldg. Crafts, 603  
16th St., Oakland.  
Architect—Not Given. \$1,000

## DWELLING

(359) 1358 99TH AVE., OAKLAND  
One-story 5-room dwelling.  
Owner—W. E. Griffith, 1350 99th Ave.  
Oakland.  
Contractor—C. W. Griffith, 1250 99th  
Ave., Oakland.  
Architect—Not Given. \$3,500  
Also 1-story garage, \$200.

## DWELLING

(360) 5515 HARBORD DRIVE, OAK-  
LAND One-story 5-room dwell-  
ing.  
Owner and Builder—C. J. Pfrang,  
6364 Mystic St., Oakland.  
Architect—Not Given. \$6,000

## DWELLING

(361) 4845 HARBORD DRIVE, OAK-

LAND. One-story 5-room dwell-  
ing.

Owner and Builder—A. J. Pollard,  
17 Plaza Drive, Berkeley.  
Architect—Not Given. \$3,000  
Also 1-story garage, \$200.

## DWELLING

(362) 2111 80TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—E. L. Dashiell, 3700  
Foothill Blvd.  
Architect—Not Given. \$2700

## ALTERATIONS

(363) 1730 BROADWAY, OAKLAND  
Alterations.  
Owner—Fox West Coast Theatres, 988  
Market St., San Francisco.  
Contractor—Alfred J. Hopper, 243  
Langton St., San Francisco.  
Architect—Not Given. \$4000

## DWELLING

(364) 3950 LYMAN RD., OAKLAND.  
Two-story 9-room dwelling.  
Owner—A. Giambroni, 3453 Cham-  
pion St.  
Contractor—E. Campomenosi, 6401  
Broadway Terrace.  
Architect—Paul V. Tuttle, 3718 Grand  
Ave.  
Also garage, \$450. \$11,900

## ALTERATIONS

(365) 556 MANDANA BLVD., OAK-  
LAND. Alterations.  
Owner—Caroline L. Michaelis, 556  
Mandana Blvd.  
Contractor—B. A. Stewart, 814 Erie  
St.  
Architect—Not Given. \$1200

## DWELLING

(366) S. RINCON DR., LOT 24,  
MONTCLAIR HIGHLANDS,  
OAKLAND. Two-story 6-room  
dwelling.  
Owner—Montclair Syndicate Co., San  
Francisco.  
Contractor—J. R. Armstrong, 834 E.  
10th St.  
Architect—F. W. Confer. \$15,500

## ALTERATIONS

(367) 537 FIRST ST., OAKLAND.  
Alterations and repairs.  
Owner—City of Oakland, Prem.  
Contractor—Port of Oakland, Grove  
Street Pier.  
Architect—Not Given. \$25,000

## CLASSROOM

(368) SE COR. 63RD AND SAN  
PABLO AVE., OAKLAND. 1-  
story 1-room classrooms (13).  
Owner—Oakland High School Dis-  
trict, 1025 2nd Ave.  
Contractor—John F. Tulloch, 335 8th  
St.  
Architect—W. G. Corlett, 1025 2nd  
Ave. \$1077 each

## DWELLING

(369) 5930 VALLEJO ST., OAK-  
LAND. One-story 2-room dwell-  
ing.  
Owner—Mrs. Shuller, 1291 55th St.  
Contractor—Alameda Home Builders,  
1535 Everett St.  
Architect—Not Given. \$1165

## ALTERATIONS

(370) 3510-12 BASTON AVE., OAK-  
LAND. Alterations.  
Owner—Louis E. Van Ness, 4920 Park  
Blvd.  
Contractor—Louis E. Van Ness &  
Son, 4920 Park Blvd.  
Architect—Not Given. \$1000

BUILDING CONTRACTS  
SAN FRANCISCO COUNTY

No. Owner	Contractor	Amt.
212 Boshel	Foster	3550
213 Stagnaro	Shannon	19000
214 Massa	Murer	5500



215 U. of C.	Bienfield	2967
216 Barthold	Meinberger	3442
217 R. C. Arch.	Aschen	7790
218 Guschewsky	Campbell	1390
219 Nelson	Masten	19119
220 Texas	Aetna	2498
221 Esmiol	Paratore	1186

**ALTERATIONS**

(212) 108 LAIDLEY ST. Alter dwelling.  
 Owner—Henry Raphael, 108 Laidley.  
 Architect—Wm. L. Garren, 233 Post.  
 Contractor—Stuart Foster, 23 Harry.  
 Filed and Dated, Nov. 24, 1937.  
 Roof on ..... \$887.50  
 Plaster complete ..... 887.50  
 Completion ..... 887.50  
 Usual 35 days ..... 887.50  
 TOTAL COST, \$3,550.00  
 Plans and specifications filed.

**APARTMENT BLDG.**

(213) W. CHURCH, 100 N. 14TH ST.  
 Three-story frame apartment building.  
 Owner—Emanuel Stagnaro.  
 Contractor—Patrick Shannon, 582 16th Ave., San Francisco.  
 Filed Nov. 27, '37. Dated Nov. 13, '37.  
 Progress payments.  
 TOTAL COST, \$18,000  
 Bond, \$4,500. Sureties, Patrick Hannan and Patrick J. Downes. Limit, 125 days. Plans and specifications filed.

**FLAT BLDG.**

(214) S. 26TH ST., 125 E. FLORIDA ST. Alter frame flat building.  
 Owner—Marianna Massa, Prem.  
 Contractor—L. Murer, 1274 Quiesada Ave., San Francisco.  
 Filed, Nov. 27, '37. Dated Nov. 22, '37.  
 House raised ..... \$1031.25  
 Roof on ..... 1031.25  
 Plaster finished ..... 1031.25  
 Completion ..... 1031.25  
 Usual 35 days ..... 1375.00  
 TOTAL COST, \$5,500.00  
 Limit, 90 days.

**ALTERATIONS**

(215) MEDICAL CENTER (Fourth and Parnassus Aves.) Sub-base metal alteration of nurses home.  
 Owner—The Regents of the University of California.  
 Architect—W. F. Stephenson, University of California, Berkeley.  
 Contractor—D. L. Bienfield.  
 Filed, Nov. 29, '37. Dated, Nov. 9, '37.  
 Completion ..... 75%  
 Usual 35 days ..... 25%  
 TOTAL COST, \$2,967  
 Bond, \$1,500. Sureties, U. S. Guarantee Co. Forfeit, \$10 per day. Limit, 40 days. Plans and specifications filed.

**ALTERATIONS**

(216) 51 W. CLAY PARK. Alter dwelling.  
 Owner—R. M. Barthold.  
 Architect—Fahre & Hildebrand.  
 Contractor—H. S. Meinberger.  
 Filed Nov. 30, '37. Dated Nov. 29, '37.  
 Progress payments.  
 TOTAL COST, \$3,442  
 Bond, \$1,721. Sureties, Val Meinberger and F. M. Schultz. Limit, 40 days. Plans and specifications filed.

**INSTALLATION**

(217) SW TENTH AND HOWARD STS. Install heating system in church.  
 Owner—Roman Catholic Archbishop of San Francisco.  
 Architect—John J. Foley, 770 Fifth Ave.  
 Contractor—Wm. A. Aschen.  
 Filed Nov. 30, '37. Dated Nov. 26, '37.  
 75% 1st of month ..... 75%  
 25% usual 35 days ..... 25%  
 TOTAL COST, \$7,790  
 Bond, \$7,790. Surety, Mass. Bonding & Ins. Co. Limit, 35 days. Plans and specifications filed.

**ALTERATIONS**

(218) 414 28TH ST. Alter dwelling.  
 Owner—Nellie K. Guschewsky.  
 Contractor—Fred L. Campbell.  
 Filed Nov. 30, '37. Dated Nov. 20, '37.  
 Progress payments.  
 TOTAL COST, \$1,390

**DWELLING**

(219) LOT 14 and ptn Lot 13 Blk 7, St. Francis Wood Extension No. 1. Two-story and basement frame dwelling.  
 Owner—Mr. and Mrs. Thomas Nelson, 49 San Pablo.  
 Architect—Not Given.  
 Contractor—Masten, Hurd and Roeth, 595 Victoria St.  
 Filed, Dec. 1, '37. Dated, Nov. 10, '37.  
 Roof on ..... \$1779.75  
 Brown coated ..... 4779.75  
 Completion ..... 5735.70  
 Usual 35 days ..... 3523.80  
 TOTAL COST, \$19,119.00  
 Bond, \$9,559.50. Sureties, Robt. Postler and C. W. Higgins. Limit, 90 days. Plans and spec. filed.

**SERVICE STATION**

(220) SW EIGHTH and Mission Sts. Service station.  
 Owner—The Texas Co., Hearst Bldg.  
 Architect—Not Given.  
 Contractor—Aetna Const. Co., 1730 24th Avenue.  
 Filed, Dec. 1, '37. Dated, Oct. 27, '37.  
 15 days after completion.  
 TOTAL COST, \$2,999.00  
 Bond, \$2,998. Sureties, The Maryland Casualty Co. Limit, 15 days. Plans and specifications filed.

**ALTERATIONS**

(221) SW BROADWAY and Stockton Sts. Alter store.  
 Owner—A Esmiol.  
 Architect—Fahre & Hildebrand, 110 Sutter Street.  
 Contractor—R. Paratore, 519 Fell St.  
 Filed, Dec. 1, '37. Dated, Nov. 30, '37.  
 Completion ..... \$836.00  
 Usual 35 days ..... 300.00  
 TOTAL COST, \$1,136.00

Limit, Dec. 14. Plans and specifications filed.

**BUILDING CONTRACTS  
 ALAMEDA COUNTY**

No.	Owner	Contractor	Amt.
141	Mt View Cem	American	497
142	Same	Graff	775

**TOMB ROOM**

(141) MT VIEW Memorial Park, Oakland. Completion of tomb room.  
 Owner—Mt View Cemetery Association, Oakland.  
 Architect—Not Given.  
 Contractor—The American Marble Co.  
 Filed, Nov. 30, '37. Dated, Nov. 29, '37.  
 15th day of each month ..... 75%  
 Usual 35 days ..... 25%  
 TOTAL COST, \$197.00  
 Limit, Dec. 24. Plans and specifications filed.

**TOMB ROOM**

(142) MT VIEW Memorial Park, Oakland. Completion of tomb room in new tomb.  
 Owner—Mt View Cemetery Association, Oakland.  
 Architect—Not Given.  
 Contractor—A. Graff & Sons.  
 Filed, Nov. 30, '37. Dated, Nov. 29, '37.  
 15th day of each month ..... 75%  
 Usual 35 days ..... 25%  
 TOTAL COST, \$775.00  
 Limit, Dec. 24. Plans and specifications filed.

**ALAMEDA COUNTY PERMITS  
 UNDER \$1000**

Berkeley.  
 REPAIRS (termites) \$200; 5429 Bk. 6th Ave. Place, Oakland; owner, E. A. Chalmers; premises, contractor, Alpine Wood & Supply Co. 2846 Shattuck Ave., Berkeley.  
 REPAIRS (termites) \$75; 5920 Ivanhoe Road, Oakland; owner, A. Watson, premises, contractor, Alpine Wood & Supply Co., 2846 Shattuck Ave., Berkeley.  
 ALTERATIONS, \$150; 2973 Hopkins St., Oakland; owner, John Aho, premises, contractor, Ilay Towers, 2908 Benvenue Ave., Berkeley.  
 ALTERATIONS, \$25; 5236 Boyd Ave., Oakland; owner and contractor, Jos. R. Lareher, 302 E. 22nd St.  
 GARAGE, 1-story, \$200; 3630 Patterson Ave., Oakland; owner Mrs. Souza, 3527 Alameda Ave., Oakland; contractor, Roy Allen, 1837 E. 14th St.  
 SHED, 1-story, \$75, 2040 Arizona St., Oakland; owner and contractor, B. C. Smallcomb, 3926 Maple Ave.  
 ALTERATIONS, \$55; 1916 Park Blvd., Oakland; owner and contractor, B. E. Powell, premises.  
 ALTERATIONS, \$150; 4050 Remhardt Dr., Oakland; owner and contractor, Thos. Wells.  
 SIGN, cloth, \$5; W. Predmont Ave., 40 S. 40th St., Oakland; owner, American Trust Co.; contractor, F. R. La Brague, 16 Glen Ave.  
 ALTERATIONS, \$75; 1145 Walnut, Berkeley; owner, H. W. Saunders, premises, contractor, E. M. Sorensen, 1907 Parker.  
 ADDITION, \$290; 1310 McGee, Berkeley; owner and contractor, G. Berden, 1311 McGee.  
 ALTERATIONS, \$50; 406 Boynton, Berkeley; owner, B. R. Harding, premises, contractor, Gomb & Wane, Inc., 1605 Thousand Oaks.  
 ADDITION, \$325; 2740 75th Avenue, Oakland; owner and contractor, A. H. Morgan, premises.  
 ALTERATIONS, \$190; 1450 14th St., Oakland, owner Railway Express Agency, 16th and Jefferson Sts.; contractor, John M. Bartlett, 1706 Parker St., Berkeley.  
 RE-ROOF, \$10, 587 16th St., Oakland; owner, V. S. Viera, contractor, Elliott & Elliott, 770 22nd Street.  
 ROOF repairs, \$555, 3200 Grand Ave., Oakland; owner, E. Osterman, 519 19th St.; contractor, Brown Roofing Co., 429 Shattuck Ave.  
 ALTERATIONS, \$178; 931 Leo Way, Oakland; owner, Mrs. C. Denardoff, 25 Glenwood Glades, contractor, J. A. Lloyd, 4047 East 15th St.  
 GARAGE, 1-story frame, \$425; 561 Fairbanks Ave., owner, Chas. W. Thomas, contractor, P. A. Jackson, 1091 10th Ave.  
 ALTERATIONS, \$100, 1540 San Pablo Ave., Oakland; owner and contractor, The Holt, A. Lurie Co., 1540 San Pablo Ave.  
 REPAIRS, \$20, 905 Santa Ray Ave., Oakland; owner R. F. Buesman, contractor, Alpine Wood & Supply Co., 2846 Shattuck Avenue.  
 SIGN, electric, \$60, 1821 San Pablo Ave., Oakland; owner, Mr. Kaehon, contractor, Bob's Sign Services, 597 19th St.  
 SIGN, metal, \$100, 909 Broadway St., Oakland; owner and contractor, J. J. Lutz, 1445 E. 27th St.  
 SIGN, metal, \$100, 4211 Park Blvd., Oakland; owner and contractor, J. J. Lutz, 1445 E. 27th St.  
 SIGN, metal, \$85, 2750 F. Hill Blvd., Oakland; owner, Union Oil Co., contractor, E. J. Prod. Corp., 350 9th St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                |                                            |
|--------------------------------|--------------------------------------------|
| 1—Apartments                   | 10—Offices                                 |
| 2—Bands                        | 11—Ice and Cold Storage Plants             |
| 3—Churches                     | 12—Power Plants                            |
| 4—Factories and Warehouses     | 13—Public Buildings, Fire Houses and Jails |
| 5—Flats                        | 14—Residences                              |
| 6—Garages and Service Stations | 15—Schools                                 |
| 7—Federal Buildings            | 16—Banks, Stores and Inns                  |
| 8—Club Buildings               | 17—Theaters                                |
| 9—Hospitals                    | 18—Wharves & Docks                         |
| 10—Hotels                      | 19—Misc. Const.                            |
|                                | 20—Misc. Sewer & Water                     |

### 3—CHURCHES

**CONTRACT AWARDED**  
**PHOENIX, Ariz.** — E. Thompson, Phoenix, has the contract for erection of a new brick edifice on Ashland Ave., between Central Avenue and Third Street, Phoenix, for the Third Ward, Church of Jesus Christ of Latter-Day Saints; chapel to seat 350 persons; social hall with stage and kitchen; organ, air conditioning system. Cost, \$75,000. Alexander & Burton, architects, 918 Title & Trust Bldg., Phoenix. 3

### 4—FACTORIES & WAREHOUSES

**To Be Done By Day's Work**  
**WAREHOUSE** Est. Cost, \$15,000  
**SAN FRANCISCO.** Third and Berry. One-story frame warehouse. Owner and Builder—Southern Pacific Co., 65 Market Street.  
 Plans by Engineering Dept. of Owner

**Plans Being Figured—Bids Close**  
**December 10, 2 P. M.**  
**WAREHOUSE** Est. Cost, \$300,000  
**OAKLAND, Alameda Co., Cal.** Fruitvale Ave. and Estuary.  
 Part one and part two-story structural steel warehouse (approximately 180,000 sq. ft.), wood turbines, wood roof sheathing, corrugated iron siding, composition roof, sprinkler system, electrical work, plumbing, concrete.  
 Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.

**Engineer** — J. H. Brunner, Sharon Bldg., San Francisco.  
 General bids are being received from a closed selected list of contractors, and will be opened in the San Francisco plant of the owners.  
 Larsen & Larsen, 629 Bryant St., San Francisco, is figuring plans and desires sub bids on all portions of the work.

**BID OPENING POSTPONED**  
**VERNON, Los Angeles Co., Calif.** — Swift & Co., 3750 Jewel Ave., Vernon, have postponed the opening of bids for their new meat packing plant to be built in Vernon, until about December 6. 4

**Contract Awarded**  
**WAREHOUSE** Est. Cost, \$100,000  
**SAN FRANCISCO.** Beale and Bryant Streets.

**Steel frame warehouse, (wood and composition roof, wood piles, steel wash).**  
 Owner—Matson Navigation Company  
 215 Market Street.

**Structural Engineer**—Kaj Theill, 580 Market St.  
**Contractor**—Lindgren and Swinerton, Inc., 225 Bush Street.  
 (6760) 4

**To Be Done By Day's Work**  
**ALTERATIONS & REPAIRS**  
 Cost, \$25,000  
**OAKLAND, Alameda Co., Calif.** 537 First Street.

**Alter and repair warehouse.**  
**Owner**—City of Oakland  
**Plans by Engrg. Dept. of Owner.**  
**Contractor**—Port of Oakland, Grove Street Pier. 4

### 5—FLATS

**Preparing Working Drawings.**  
**FLATS** Est. Cost, \$13,000  
**SAN FRANCISCO.** E 45th Avenue N of Suro Heights.

**Two - story frame and stucco flat building (5 rms. each) asbestos shingle roof, hardwood floors, tile baths.**  
**Owner**—Withheld.  
**Architect**—A. H. Larsen, 333 Kearny.

### 6—GARAGES & SERVICE STATIONS

**Planned**  
**SERVICE STATION** Cost, \$5000  
**SAN FRANCISCO.** SW Bayshore and Alemany Blvd.  
**New steel gasoline service station.**  
**Owner**—Shell Oil Company.  
**Plans by L. M. White, 100 Bush St.**  
**Engineer**—E. M. Davidson, 100 Bush Street.

### 7—FEDERAL BUILDINGS

**BIDS WANTED**  
**TERMINAL ISLAND, Los Angeles Harbor, Calif.**—Until Dec. 7, 11 a. m., bids will be received by the Public Works Officer, Eleventh Naval District, San Diego, under Spec. 8636, for driving foundation piles for Airplane Hangar at Eleventh Naval District (Reeves Field), Terminal Island, Los Angeles Harbor, California.  
 Work consists of the furnishing of necessary equipment for and the driving of 47 reinforced concrete piles for the foundations of a hangar building. Concrete piles will be furnished at the site by the Government.

Bidding data may be obtained from the above office upon deposit of check or postal money order for \$10, payable to the Chief of the Bureau of Yards and Docks.

**BIDS WANTED**  
**SAN DIEGO, Cal.**—Until Dec. 7, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, under Spec. 8605 for repairs to refrigerating plant, Bldg. No. 4, at the Naval Hospital, San Diego.

Work consists of re-tubing present carbon dioxide double coil condenser and replacing six refrigerator doors.  
 Bidding data obtainable from the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, upon deposit of \$10 check or postal money order payable to the Chief of the Bureau of Yards and Docks.

**BIDS WANTED**  
**SAN FRANCISCO**—Until Dec. 22, 11 A. M., bids will be received by the District Public Works Office, Room

351, Federal Office Bldg., San Francisco, for the installation of a steel lined vault, steel window shutters and grille, and steel vault door, having a four movement, 96-hour time lock and combination, tile wall; plastering, electrical work, carpentry work, painting, heating and plumbing, between Rooms 360 and 366 on the 3rd floor of the Federal Office Bldg., Civic Center, San Francisco. Spec. No. 8631. Estimated cost, \$3,500.

Drawings and specifications may be obtained from the Bureau and the Commandant, 12th Naval District Headquarters, New Federal Building, Civic Center, San Francisco, upon deposit of \$10, payable to the Chief of the Bureau of Yards and Docks.

**BIDS OPENED**  
**SHASTA DAM, Calif.**—Air Conditioning Engineers, Inc., 701 W. Jefferson, Phoenix, Ariz., at \$15,959, submitted low bid to the U. S. Government, Bureau of Reclamation, 206 Old Post Office Bldg., 7th and W Sts., Sacramento, for air-cooling, heating and ventilating systems for the office building and two dormitories at the Shasta Dam, nine miles north of Redding, Government Camp, Central Valley Project.

Complete bids follow:  
 Air Conditioning Engineers, Inc., 701 W. Jefferson, Phoenix—\$15,959.  
 Moore Machinery Co., Los Angeles—\$17,200 (plus taxes).  
 General Air Conditioning Co., Sacramento—\$17,280.  
 The Union Ice Co., Chico—\$17,780.  
 The Scott Co., Oakland—\$17,977.  
 James A. Nelson, Inc., San Francisco—\$18,166.  
 M. R. Carpenter, Sacramento—\$20,714.  
 Luppen & Hawley, Inc., Sacramento—\$20,777.  
 Hatley & Hatley, Sacramento—\$21,445.

**MATERIALS APPROVED**  
**SANTA MONICA, Los Angeles Co. Cal.**—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. P. O. at Santa Monica. James I. Barnes, general contractor:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers, Halsey Taylor Co.; brass water pipe, Revere Copper & Brass; pressure reducing valve on water supply, Water Regulator Co.; relief valve, Thrush & Co.; bracket water valve and back water cesspools, Josam Mfg. Co. nonconducting covering for plumbing, Johns-Manville Co.; gas burning water heater, American Gas Prod. Corp., Div. of American Radiator Corp.; circulating pump, Yeomans Bros. Co.; oil heater, Bell and Gossett Co.; boiler, Fitzgibbons Boiler Co.; tube and wall radiators, National Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Milwaukee Valve Co.; clock system, Stanley & Hatter; lighting distribution panel, entrance switch and feeder panels, Westinghouse Electric & Mfg. Co.; r.c. wire, General Cable Corp.; receptacles and flush switches, Bryant Elec. Mfg. Co.; elevator Machine, elevator motor and elevator controller, Shepard Elev. C. 7

**FUNDS ALLOCATED**  
**RIVERSIDE COUNTY, Cal.**—President Roosevelt last week allocated funds for use by the Farm Security

Administration in the construction of three migratory labor camps and 160 low-cost labor huts in California to cost \$497,000. The camps are to be built on government-owned land in Riverside, Kern and Stanislaus counties and will accommodate 800 families. Additional funds were allocated for a similar camp to be built in Arizona at a cost of \$120,000.

**BIDS OPENED**

SAN DIEGO, Calif.—Consolidated Terrazo Co., 2668 Long Beach Ave., San Diego, at \$543,000 submitted low bid to the Public Works Officer, 11th Naval District, San Diego, for terrazzo floors in Dental Laboratory Building at Naval Operating Base (Destroyer Base) San Diego.

Other bids were:  
Expo, Stucco & Art Marble Co., San Diego  
Special Service Flooring Co., San Diego

**BIDS OPENED**

SAN DIEGO, Cal.—E. H. Gray, 1805 S. Market St., San Diego, at \$210.00 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for painting the interior wood work in the Senior Medical Officers' Quarters at the U. S. Quarantine Station, San Diego.

Complete bids follow:  
E. H. Gray, San Diego..... \$210  
J. M. Spurlock, San Diego..... 280  
David Weir, Los Angeles..... 325  
Quiry & Centman, San Diego..... 365

**CONTRACT AWARDED**

SAN FRANCISCO—Nick Hemmings, 628 38th Ave., at \$2,500, was awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of new metal and glass partition and new vault on the first floor of the Federal Office Building at San Francisco.

Complete bids published Nov. 18, 1937.

**BIDS OPENED**

SAN DIEGO, Cal.—Consolidated Terrazo Co., Inc., San Diego, at \$651, submitted low bid to the Public Works Officer, Eleventh Naval District, San Diego, for terrazzo floor and base in Mess Hall, Marine Barracks, at the Naval Operating Base (Fuel Depot), San Diego.

Work consists of the installation of approximately 930 sq. ft. of terrazzo floor and 110 lin. ft. of terrazzo base. Only other bid submitted by Special Service Flooring Co., San Diego, at \$760.

**CONTRACT AWARDED**

RENO, Nev.—L. F. Dow Co., 1013 N. Sycamore Ave., Los Angeles, at \$31,700, awarded contract by the Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif., for excavation and concrete work at Veterans' Administration Facility, Reno, Treatment Bldg. No. 1, containing approximately 900 c.y. of concrete.

Work will include excavating for building, reinforcing concrete frame and finished concrete steps in platforms, etc.

Complete bids published Nov. 22.

**LOW BIDDERS**

LIVERMORE, Alameda Co., Cal.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, at \$81,500, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for construction of an addition to Infirmary Bldg. No. 2, at Livermore, containing approximately 133,000 cubic feet.

Separate bids were received for (1) General Construction, including

Plumbing, Heating and Electrical Work; and (11) Electrical Elevator.

Low bidders follow:

General Work  
Carl N. Swenson Co., San Jose—\$81,500.

A. Nelson, Inc., San Francisco—\$83,000.

Frank J. Reilly Co., San Francisco—\$86,831.

Elevators

Wm. A. Miller & Machine Elevator Co., 920 N. First St., St. Louis, Mo.

Otis Elevator Co., San Francisco—\$7,462.

Complete bids will be published shortly.

**CONTRACT AWARDED**

SAN DIEGO, Calif.—Commercial Refrigerator Distributors, San Diego, at \$3,661, awarded contract by the 11th Naval District in San Diego for improvements of refrigeration facilities for barracks at the Naval Operating Base (Marine Corps Base), San Diego; Spec. 8572.

**MATERIALS APPROVED**

TOPPENISH, Wash.—Treasury Department approved following bid material and equipment awards for the construction of the U. S. Post Office, at Toppenish. West Coast Construction Co., general contractor. Clock receptacles and fan hangers, Arrow, Hart & Hegeman Elec. Co.; glassware, Perfection Glass Co. and Phoenix Glass Co.; lighting fixtures, Perfecite Co.

**CONTRACT AWARDED**

SAN DIEGO, Calif.—Consolidated Terrazo, 2668 Long Beach Avenue, San Diego, at \$543, awarded contract by the Public Works Officer, 11th Naval District, San Diego, for terrazzo floors in Dental Laboratory Building at Naval Operating Base (Destroyer Base), San Diego.

**CONTRACT AWARDED**

SAN DIEGO, Calif.—Consolidated Terrazo Co., Inc., San Diego, at \$651, awarded contract by the Public Works Officer, 11th Naval District, San Diego, for terrazzo floor and base in Mess Hall, Marine Barracks, at the Naval Operating Base (Fuel Depot), San Diego.

**8—CLUB BUILDINGS**

Bid Opening Date Postponed Until December 6, 2 P. M.

**MASONIC TEMPLE**

Estimated Cost, \$80,000  
LODI, San Joaquin Co., Calif. East Side St.

Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge.  
Architect—Frank V. Mayo, 931 North Eldorado St., Stockton.

Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Separate bids will be received for: (1) general work; (2) electric, heating and plumbing.

Plans and specifications are on file for examination at the office of the engineer and may be obtained from the architect's office upon deposit of \$25.

Bids will be opened in the architect's office.

Opening date postponed from December 1.

**9—HOSPITALS**

Bids Wanted—To Close December 28, 2:00 P. M.

HOSPITAL BLDG. Cost \$  
STOCKTON STATE HOSPITAL,  
San Joaquin Co., Calif.

Two-story reinforced concrete unit for acute disturbed females; steel sash, tile roof.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received as follows: (a) General work; (b) Electrical work; (c) Plumbing work and (d) Heating and Ventilating work.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

**CONTRACT AWARDED**

TALMADGE, Mendocino Co., Cal.—C. C. Moore & Co., Engineers, 450 Mission St., San Francisco, at \$18,651, awarded contract by State Architect, George B. McDougall, Public Works Bldg., 12th and N Streets, Sacramento, for erection and completion of a new 300-hp. W.T. boiler in the Boiler Plant, Mendocino State Hospital, Talmadge.

Work consists of one 300-hp. W.T. boiler, complete, with foundation, burner, breeching, piping and other appurtenances required for complete installation.

**10—HOTELS**

**Preparing Plans**

ALTERATIONS & ADDITIONS  
SAN FRANCISCO, Calif. Sutter & Kearny Sts.

Alterations and additions to Sutter Hotel, to effect new entrance, and basement garage to accommodate 60 to 70 cars.

Owner—Eugene M. Fritz, and other  
Engineer—L. H. Nishkian, 525 Market St.

**Sub Contracts Awarded**

ALTERATIONS Est. Cost, \$50,000  
SAN FRANCISCO, 440 Geary St.

Alterations to first floor of Somerton Hotel lobby, cocktail lounge, coffee shop, rest rooms, etc.).

Owner—Somerton Hotel Corp.  
Architect—A. R. Williams, 251 Post Street.

Contractor—L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.

Structural Steel—Western Iron Wks., 141 Beale St.

Terra Cotta—Gladding, McBean & Co., Harrison and 9th Sts.

Masonry—White & Gloor, 418 Monadnock Bldg.

Bronze Work—National Ornamental Iron & Bronze Co., Inc., 70 Chesley St.

Electric Work—Atlas Electric & Eng. Co., 866 Polson St.

Neon Lighting—Novelty Electric Sign Co., 419 Larkin St.

Plumbing—E. G. Houchin Co., 29 Moss St.

Painting—F. Terhuden & Bros., 940 Divisadero St.

Terrazzo—Henry Gervais Tile & Terrazzo Co., 127 Mission St.

Glass—Crows Glass Co., 675 Golden Gate Ave.

Flooring—Malott & Peterson, 2112 Harrison St.

Concrete Golden Gate Atlas Materials Co., 16th and Harrison Sts.

Concrete Cutting—Emaco Concrete Cutting Co., 147 11th St.

**13—PUBLIC BUILDINGS**

**FIRE HOUSES & JAILS**

**BIDS OPENED**

SAN FRANCISCO.—Identical bids of \$517 each were submitted by the Asbestos Co. of California, 1181 Harrison St., Westmore Asbestos Co., 675 Townsend St. and Platt Rubber & Asbestos Works, 537 Brannan Street, to the Dept. of Public Works, Room 251, City Hall for new hot water sup-

ply piping and branches installed in the northeast and southeast sections of City Hall and space and shall be insulated with 4-ply Johns-Manville pre-brunk Asbestocel Pipe covering with waterproofed asbestos paper finish, held in place by means of barbed staples. At each joint between sections of pipe covering and around all fittings shall be installed 1/4-in. wide black bands. Fittings to be insulated to full thickness of covering with Johns-Manville No. 352 Insulating Cement, and canvas jacket.

#### Contract Awarded

**SAN FRANCISCO.**—Ocean Shore Iron Works, 550 Eighth St., at \$73.50, awarded contract by the Department of Public Works, City Hall, for removing old lines and replacing with new 3/4-in. boiler plate at asphalt plant, Florida Street and Treat Ave.

#### Contract Awarded

**SAN FRANCISCO.**—Robert L. Cramer, 50 Howard St., at \$54, awarded contract by the Department of Public Works, City Hall, for furnishing and installing 1/2-in. x 12-in. x 12-in. Type C Celotex acoustical tile, or equal, on ceiling of Tourists' Bureau Office in Civic Auditorium, approximately 200 feet.

#### Bids Opened

##### FIRE STATION

**PETALUMA, Sonoma Co., Cal.** Nly corner of D and Second Sts. One-story frame and stucco fire station (steel roof trusses and columns).

Owner—City of Petaluma.

Architect—Brainerd Jones, 226 Washington St., Petaluma.

Structural Eng.—C. Jefferson Sly, 251 Kearny St., San Francisco.

Low Bidder—Adam Arras & Son, 4008 18th St., San Francisco—\$36,987.

Bids were taken as follows:

(a) work complete, (b) ded. for celotex lath and plaster instead of metal, (c) ded. for omitting additional fire protection in exterior wall of building, (d) ded. for omitting painting plaster wall services in apparatus room.

Complete bids follow:

Adam Arras & Son, San Francisco—(a) \$36,987, (b) \$1,672, (c) \$424, (d) \$187.

A. Nelson, Inc., San Francisco—(a) \$37,995, (b) \$500, (c) \$500, (d) \$700.

Peter Sartorio, S. F.—(a) \$38,076, (b) \$450, (c) \$774, (d) \$103.

De Luca & Son, S. F.—(a) \$40,348, (b) \$1,100, (c) \$450, (d) \$150.

Fred J. Early, S. F.—(a) \$41,975, (b) \$1,300, (c) \$500, (d) \$100.

Moore & Roberts, S. F.—(a) \$40,800, (b) \$1,400, (c) \$585, (d) \$100.

W. Singleton, Petaluma—(a) \$42,500, (b) \$425, (c) \$400, (d) \$93.

David Nordstrom & Co., Oakland—(a) \$43,477, (b) \$1,500, (c) \$627, (d) \$250.

Carlen Constr. Co., S. F.—(a) \$45,100, (b) \$1,100, (c) \$40, (d) \$150.

Bids will be referred to the P.W.A.

#### BIDS REJECTED

**SAN FRANCISCO.**—The Department of Public Works, City Hall, rejected only bid for the construction of the Bureau of Identification Pent House at the Hall of Justice.

Steele Steel Co., 1750 Army St., at \$13,431 submitted only bid.

#### Foundation Bids Wanted—To Close December 9, 2 P. M.

##### PRODUCTS TERMINAL BLDG.

**SAN FRANCISCO, Cal.** Berry St. between Third and Embarcadero. Approx. 48,000 sq. ft., foundations for an addition to the Products Terminal Building. Work will include grading, pile driving and concrete work. Bids will be ask-

ed later for construction of the building. Original plans called for construction of a third story to existing building, but now call for an addition in back of present building.

Owner—State of California (Board of Harbor Commissioners), Ferry Bldg.

Engineer—Frank G. White, Ferry

Plans and specifications may be obtained at Room 18, Ferry Bldg., upon deposit of \$20.

PWA grant, Docket W-1379, in the amount of \$137,400, has been allotted to assist in financing. Estimated cost, \$305,334.

#### Bids Wanted—To Close December 13, 3:00 P. M.

**ENTRANCE, ETC.** Cost, \$.....  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Construction of certain entrances and appurtenant work to be installed in the outer walls of Palaces 5 to 14, inclusive, and the construction of wall from the South Tower west to the Air Terminal Building.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.

#### BIDS OPENED

**REDDING, Shasta Co., Calif.**—J. P. Brennan, Redding, at \$18,648 submitted only bid to the State Architect, George B. McDougall, Public Works Bldg., Sacramento, for the erection and completion of additions and alterations to equipment repair shops at Redding.

#### Contract Awarded ALTERATIONS

**STOCKTON, San Joaquin Co., Calif.** Hunters Square.

Move present toilet rooms on first floor of old court house to basement and convert space into offices.

Owner—County of San Joaquin.

Architect—Eric W. Johnson, 142 N. California St., Stockton.

Contractor—George Roek, 830 N. Pacific Ave., Stockton.

Complete bids follow:

Geo. Roek ..... \$4984

H. W. Baum ..... 5460

J. C. Meyers ..... 5513

H. E. Vickroy ..... 5630

C. E. Totton ..... 5900

All of Stockton.

#### CONTRACT AWARDED

**HUNTINGTON BEACH, Calif.**—Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, awarded contract by Huntington Beach City Council, at \$48,882 (using fir piles), for a beach pavilion and civic auditorium to be built in that city. A PWA project. A. R. Walker & P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, architects; E. A. Evans, 1006 Pacific Commerce Bldg., Los Angeles, structural engineer. 13

#### Contract Awarded HELP QUARTERS

**MILPITAS, Santa Clara Co., Cal.** One-story building to house the help at the county almshouse; concrete walls, frame interior, tile roof.

Owner—County of Santa Clara

Architect—Edw. W. Kress, 402 1st National Bank Bldg., San Jose.

Contractor—Frank Nevis, 891 Harrison St., Santa Clara.

Complete bids follow: Frank Nevis, Santa Clara \$10,907 Dan Caputo, San Jose 11,737

R. W. True, Mountain View..... 11,909  
W. M. Caldwell, San Jose..... 12,188  
J. C. Monk & Son, Los Gatos..... 12,479  
M. Reese, San Jose..... 12,674  
Carl N. Swenson Co., San Jose 12,800  
J. Neilson..... 14,297

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 8, 1:45 p.m., informal bids will be received by the Dept. of Public Works, Room 251, City Hall, for repairs to receiving tank in Civic Center Power House, McAllister and Larkin Streets.

Specifications obtainable from Superintendent of Buildings P. A. Chisholm, 484 11th St.

#### Contract Awarded

**FIRE STATION** Cont. Pr., \$36,987  
**PETALUMA, Sonoma Co., Cal.** Nly corner of D and Second Sts.

One-story frame and stucco fire station (steel roof trusses and columns).

Owner—City of Petaluma.

Architect—Brainerd Jones, 226 Washington St., Petaluma.

Structural Engineer—C. Jefferson Sly, 251 Kearny St., San Francisco.

Contractor—Adam Arras & Son, 4008 18th St., San Francisco.

Contract awarded on basis of work complete without including any alternate deductions.

Complete bids published Nov. 29.

#### BIDS OPENED

**SAN FRANCISCO.**—L. S. Case Co., 7th and Daggett Sts., at \$218, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for installing approximately 1700 sq. ft. of Johns-Manville asphalt tile flooring in basement room and vestibule of Sunset Branch Library, 18th Ave. and Irving.

Other bids follow:

Malot & Peterson..... \$229

West Coast Linoleum & Carpet Stores..... 320

Western Asbestos Co..... 335

Turner Resilient Floors..... 374

Higgins Co..... 392

#### BIDS OPENED

**SAN FRANCISCO, Cal.**—Standard Fence Co., 440 Bayshore Blvd., at \$1,767.46, submitted low bid to the Department of Public Works, Room 251, City Hall, for baseball backstop and fencing for Funston Playground on Bay Street, between Fillmore and Laguna Streets.

Other bids were:

Anchor Post Fence Co..... \$1,847

Wickwire Spencer Steel Co..... 1,892

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 15, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for replacing ball bearings with sleeve bearings of gearless elevators Nos. 1 and 5, City Hall. Est. cost, \$3,500.

Specifications obtainable from the office of City Architect Chas. H. Sawyer, Room 265, City Hall.

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 15, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, for construction of Identification Pent House on the Hall of Justice, Kearny St. Estimated cost, \$13,500.

Specifications may be obtained from the office of City Architect Charles H. Sawyer, Room 265, City Hall, upon deposit of \$10.

#### BIDS WANTED

**SAN FRANCISCO.**—Until Dec. 8, 1:45 p.m., informal bids will be received by the Dept. of Public Works,

Room 251, City Hall, for furnishing and connecting two regulators with necessary valves and fittings on oil burner at present installed at Civic Center Power House.

Specifications may be obtained from Supt. of Buildings R. A. Chisholm, 484 11th St.

**14— RESIDENCES**

**Being Done By Day's Work**  
**ADDITION** Cost, \$2,300  
**ATHERTON, San Mateo Co., Calif.**  
 Addition of steel and glass porch to residence.

**Owner—J. H. Baxter, Atherton.**  
**Architect—Mark Daniels, 101 Post St., San Francisco.**

**Owner took segregated bids.**

**December 2, 1937.**  
**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$800,000-\$9,000  
**SAN FRANCISCO, Divisadero, bet. Broadway and Vallejo Sts.**

**Two-story frame and stucco residence (7 rooms), composition & asphalt shingle roof, steam gas-fired heating system, hardwood floors, tile baths, etc.**

**Owner & Builder—Sbarboro & Jorgensen, 207 Walnut St.**  
**Architect—John H. Ahnden, 822 39th Ave.**

**Plans being figured — Bids Close December 9, 12 Noon**

**RESIDENCE** Est. Cost, \$4,500  
**SAN FRANCISCO, Vermont St., near 22nd.**

**One-story and basement frame residence (four rooms), hardwood floors, linoleum baths, composition shingle roof, gas and hot air heating system, wood sash, etc.**

**Owner—H. B. Armstrong, c/o Architect.**

**Architect—D. E. Jaekle, 126 Post St.**

**Following is partial list of selected list of contractors figuring plans:**  
**A. C. Lindgren, 346 Lowell St.**  
**James C. Duernier, 301 Evergreen Ave.**

**Carlen Constr. Co., 147 10th St.**  
**G. Carraro & Sons, 750 Felton St.**  
**Robert McCarthy, 1383 14th Ave.**  
**All of San Francisco.**

**Contract Awarded**  
**RESIDENCE** Cost, \$11,900  
**OAKLAND, Alameda Co., Calif., Lyman Road.**

**Two-story frame and stucco residence with full basement (eight rooms), tile and composition roof, tile bathrooms and showers, wood sash, two fireplaces, hot air heating plant with automatic coal feed.**

**Owner—A. F. Gianhronl.**  
**Plans by—Paul V. Tuttle, 3718 Grand Avenue, Oakland.**

**Contractor—E. Campomenosi, 6401 Broadway Terrace, Oakland.**

**Contract Awarded**  
**RESIDENCE** Cost, \$12,000  
**BURLINGAME HILLS, San Mateo Co., Calif.**

**Two-story frame and stucco residence (8 rooms) gas forced air heating system, hardwood floors, tile baths, shingle roof, etc.**

**Owner—R. J. Burns.**  
**Architect—C. U. Kirk, Milbrae.**  
**Contractor—Martin Peterson 128 Lorton Ave., Burlingame.**

**Plans Completed**  
**RESIDENCE** Cost, \$

**SANTA ROSA, Sonoma Co., Calif.**

**One-story frame and stucco residence (5 rooms), hardwood floors, linoleum bath, wood sash, shake roof, plaster interior, two-car garage.**

**Owner—C. W. Douglas, c/o Architect.**  
**Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.**

**Being Done By Day's Work**  
**RESIDENCE** Cost, \$

**OAKLAND, Alameda Co., Cal. Stone-wall Road.**

**Two-story frame residence composition shingle roof, wood sash, hardwood floors etc.**

**Owner and Builder—John E. Dinwiddie, 359 Pine St., San Francisco.**  
**Plans by Mr. Dinwiddie.**

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$

**PALO ALTO, Santa Clara Co., Calif.**  
**One-story rustic residence (5 rooms, 2 bath) wood shingle roof, hardwood floors, masonry baths, wood sash, etc.**

**Owner—Withheld.**  
**Architect—Geo Patton Simonds, 80 Main St., Hayward.**

**Contract Awarded**  
**RESIDENCE** Cont. Pr., \$6,450  
**WILLOW GLEN, Santa Clara Co., Calif. Willow Glen Way.**

**One-story frame and stucco residence, hardwood floors, tile baths, wood sash, etc.**

**Owner—Antone Sordello, Morgan Hill**  
**Architect—Chas. McKenzie, Twoby Bldg., San Jose.**

**Contractor—J. G. Luebben, 843 Delmas Ave., San Jose.**

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$6,950  
**BERKELEY, Alameda Co., Cal. 982 Cragmont St.**

**Two-story frame residence (5 rooms).**  
**Owner—H. M. Jacobs.**  
**Architect—Not Given.**

**Contractor—W. L. Brodrick, 640 Arlington St.**

**Plumbing—J. A. Fazio, 402 Castro St., Oakland.**

**Hardwood Floors—E. W. Brodrick, 1615 Buena Ave., Berkeley.**

**Contractor—W. L. Brodrick, 640 Arlington St., Oakland.**

**Mill Work—Sheehan-Ballard Planning Mill Co., 9th and Parker Avenues, Berkeley.**

**Lathing and Plastering—Murphy Bros., 4925 Daisy St., Oakland.**

**Sub-Contracts Awarded**  
**RESIDENCE** Cost, \$12,000  
**SAN MATEO CO., Calif. Santa Cruz Ave and Sandhill Road Lot 13, Tobin Tract.**

**Two-story frame residence.**  
**Owner—W. H. Rich, Santa Cruz Ave Menlo Park**

**Architect—Not Given.**  
**Contractor—Carroll Du Mant, 137 Donohue St., Palo Alto**

**Electric Wiring—Wm Scharfen, Monrovia Drive, Palo Alto**

**Hardwood Floors—A. Barklund, 559 Kingsley Ave., Palo Alto**

**Brick and Stone Work—Leon Lobasz, 11433 Crane St., Menlo Park**

**Plumbing, Heating and Sheet Metal—Sauler Supply Co., Palo Alto**

**Grading—E. S. Strain, Rt. 1, Box 529, Palo Alto**

**Lumber and Mill Work—G. F. Chase, 826 State Highway, Menlo Park**

**Painting—Leary-Konigster, 16 Menlo Oaks Drive, Menlo Park**

**Concrete—Joe B. B. B. 1 Box 291, E Willow Road, Palo Alto**

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,000  
**BAKERSFIELD, Kern Co., Calif. La Cresta Drive.**

**Two-story frame and stucco residence (seven rooms).**

**Owner—Harold Nichols, 1731 Chester Ave., Bakersfield.**  
**Architect—Not Given.**

**Contractor—Willard K. Michael, 600 Bernard St., Bakersfield.**

**Plumbing—Bakersfield Plumbing Co., 1817 M St.**

**Electric Wiring—Standard Electric, 2692 Chester Ave.**

**Heating and Sheet Metal—Wilson Sheet Metal Works, 1019 19th St.**

**Tile Work—Chas. L. Zink, Rt. 3, Box 310**

**Window Shades—C. R. Washburn, 2203 Union Ave.**

**Hardwood Floors—Bakersfield Floor Co., 207 Oleander Ave.**

**Mill Work—W. R. Savage, 1355 Rio Honda Ave., Rosemead.**

**Lathing and Plastering—Charles D. Conklin, 120 Pacific St.**

**Linoleum—McMahon Furniture Co., Box 258.**  
**All of Bakersfield. \* 14**

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$10,250  
**PALO ALTO, Santa Clara Co., Calif., 171 Martin Ave.**

**Two-story rustic residence and garage.**

**Owner—C. M. French, East Palo Alto.**  
**Architect—Farr & Ward, 68 Post St., San Francisco.**

**Contractor—E. P. Erwen, 339 Cooley Ave., Palo Alto.**

**Plumbing—D. A. Orr, 14 Hobart St., Menlo Park.**

**Heating and Sheet Metal—Jost & Garcia, 448 California Avenue, Palo Alto.**

**Tile Work—Palo Alto Tile Co., 813 Channing Ave.**

**Glass & Mill Work—Minton Lumber Co., Mountain View.**

**Lumber—McElroy Lumber Co., Palo Alto**

**Painting—O. E. Swertson, 339 Seale Ave., Palo Alto.**

**Concrete—Rhodes & Robinson, Ravenswood and State Highway, Menlo Park.**

**Linoleum—Leon Furniture Co., Second and San Fernando Sts., San Jose.**  
**\* 14**

**15— SCHOOLS**

**Contract Awarded**  
**GYM & POOL** Cont. Pr., \$99,987  
**WATSONVILLE, Santa Cruz Co., Calif. Watsonville High School.**

**One-story reinforced concrete gym (to house manual training shop, music room, boys' and girls' shower and dress rooms, locker and practice room, etc.) and pool.**

**Owner—Watsonville Union High School District.**  
**Architect—Harold H. Weeks, 503 Market St., San Francisco.**

**Contractor—Central California Constructors Co., Inc., 115 Butrows St., San Francisco.**

**Contract awarded on the basis of acceptance of following: (1) work complete, (2) deduct if gas heating is installed in lieu of steam heating, (3) deduct for smelting swimming pool, but providing for future installation.**  
**\* Complete bid. published Nov. 22.**

**BIDS WANTED**  
**SAN BERNARDINO, Calif. Until Dec. 11, 7:30 p.m. bids will be received by the San Bernardino High School District for a one-room show-er room and pool. Bids under contract to be returned at the same high school, 1000 Bernardino.**

Bidding data obtainable from the secretary at 8th and F Sts. San Bernardino, upon deposit of \$10. • 15

#### Complete Bids

**HIGH SCHOOL** Cost, \$57,765  
**POINT ARENA**, Mendocino Co., Cal. One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agriculture room, library and auditorium to seat 300.

Owner—Point Arena Union High School District.

Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
 Low Bidder—A. O. Lightfort, c/o McDuffy's Ranch, Covelo.

Bids were taken with one alternate proposal (a) deduct for omitting the pumping plant.

Complete bids follow:  
 A. O. Lightfort ..... \$57,800  
 Louis Halvorsen ..... (a) 1,317  
 Fred J. Maurer ..... 59,000  
 M. R. Peterson ..... 61,980  
 A. Nelson, Inc. .... 62,987  
 Robert McCarthy ..... (a) 63,888  
 F. C. Stolte Co. .... 64,948  
 N. H. Sjoberg & Son ..... (a) 66,374  
 DeLuca & Son, Inc. .... (a) 67,648  
 1,290

Separate bids received for school equipment follow:  
 American Seating Co., 207 Van Ness Ave., South, S. F., \$3,076.53.  
 Rucker-Fuller Co., S. F., \$3,214.00.  
 Fred E. Turner, S. F., \$3,259.80.

#### AWARD RECOMMENDED

**NEAR EL MONTE**, Los Angeles Co., Cal.—T. P. Schultz, 1115 E. Rosecrans, Compton, submitted low bid November 22 and was awarded the contract by Mountain View School District, at \$64,048 (subject to PWA approval), for construction of a story, 8-classroom administration & clinic building at the Mountain View School, located about 1 mile east of El Monte. Award was based on normal bid of \$70,588 with deduction of \$6,540 for omission of alterations A to G, inclusive. T. C. Klainer, 412 Architects' Bldg., Los Angeles, architect.

#### To Ask Bids Shortly

**SCHOOL** Cost, \$90,000  
**KERN COUNTY**, Calif.

New 10-room, brick and concrete elementary school (brick facing, tile roof, wood partitions, metal bath, maple & linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall-board, waste moulds, waterproofing, plaster interior finish, etc.)  
 Owner—Bakersfield School District.  
 Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

#### SUB BIDS WANTED

**CAMPBELL**, Santa Clara Co., Cal. F. C. Stolte Co., 1405 San Antonio Ave., Alameda, is figuring plans and desires sub bids on all portions of the work for the construction of the Campbell High School gymnasium, for which bids will be opened Nov. 30, 7:00 p.m.

Plans prepared by Architect Harold H. Weeks, 593 Market St., San Francisco.

#### LOW BIDDER

**GORMAN**, Los Angeles Co., Cal.—J. S. Orr, 920 W. 10th St., Lancaster, submitted low bid to Quail Lake

School District at \$27,400 for a one-story frame and stucco school building to be built at Gorman. Richard M. Bates, Jr., architect, 3670 Wilshire Blvd., Los Angeles. 15

#### To Ask Bids Shortly

**SCHOOL** Cost, \$130,000  
**BAKERSFIELD**, Kern County, Calif. Baker and Niles Streets (Washington School).

Two-story reinforced concrete school building (24 classrooms), cement plaster exterior, metal stud interior partitions, composition roofing, cement and linoleum floors, steam heat, wood louver finish.

Owner—Bakersfield School District.  
 Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Structural Engineer—Don Shugart, Los Angeles.

Mechanical Engineer—Del Reynolds, Los Angeles.

A three-year building program at the school is proposed; the classroom unit to be followed by an auditorium, administration building, and remodeling existing building.

#### LOW BIDDER

**KERN COUNTY**, Cal.—Elliott and Elliott, Route 2, Box 407, Bakersfield, submitted low bid to Fairfax School District at \$13,594, for an addition to Fairfax school in Kern Co. Plans by Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield. Bids held under advisement. 15

#### Bids Opened

**SCHOOL ADDN.** Est. Cost, \$80,000  
**BERKELEY**, Alameda Co., Cal. NE Milvia and Virginia Sts.

First unit of Whittier Elementary School addition, consisting of an auditorium, cafeteria and 5 classroom.

Owner—Berkeley Unified School District.  
 Architects—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Allston St., Oakland.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.  
 Low Bidder—Villadsen Bros., Inc., 354 Hobart St., Oakland—\$72,500.

Bids were taken as follows:  
 (1) Total price;  
 (2) Alt. 1: windows, glass, etc., addition;  
 (3) Alt. 2: Electric wiring addition;  
 (4) Foundations, per cur yrd.

Complete bids follow:  
 Villadsen Bros., Inc., Oakland: (1) \$72,500; (2) \$4000; (3) \$600; (4) \$35.

E. T. Leiter & Sons, Oakland: (1) \$72,637; (2) \$4500; (3) \$750; (4) \$25.

Carl N. Swenson Co., San Jose: (1) \$74,280; (2) \$4103; (3) \$400; (4) \$23.

W. K. Van Bokkelen Const. Co., Oakland: (1) \$76,656; (2) \$4359.60; (3) \$586; (4) \$24.

Central Calif. Const. Co., San Francisco: (1) \$75,777; (2) \$4500; (3) \$350; (4) \$26.

H. J. Christensen Co. and W. E. Lyons Const. Co., Alameda: (1) \$79,982; (2) \$4520; (3) \$600; (4) \$20.

All bids taken under advisement.  
 Second unit of the work, consisting of additional classrooms, offices, etc., estimated cost, \$60,000, will go ahead next June. Work is being figured.

#### Plans Prepared

**SCHOOL** Cost, \$75,000  
**WASCO**, Kern Co., Calif.

One-story school building to be built on the Richland school site.  
 Owner—Wasco School District.  
 Architect—Chas. H. Franklin, 416 T. W. Patterson Bldg., and E. J. Kump, Rowell Bldg., Fresno.

Bids will be advertised shortly.

#### BIDS OPENED

**SAN FRANCISCO**—Ocean Shore Iron Works, 550 8th St., at \$121.00 submitted low bid to the Department of Public Works, Room 251, City Hall for furnishing and putting in place at the Marshall School one fuel oil tank 5-ft in diameter by ten feet long, of not less than 3/16-in. black iron, with 1 1/2-in. manhole plate in center of tank and pipe connections for 4-inch flange, 2 1/2-in. suction, 1 1/2-in. vent, and 1 1/2-in. Tank to be painted with tar and placed in hole 12 feet deep, 100 feet in from sidewalk line. Connections will be made by the City.

Other bids were:  
 Calif. Steel Products Co. .... \$122.25  
 Montague Pipe & Steel Co. .... 141.63

#### Award Recommended

**SCHOOL** Cost, \$.....  
**FORT BRAGG**, Mendocino Co., Calif. One-story frame high school building (19 classrooms, gymnasium and auditorium, cafeteria and offices) steel trusses.

Owner—Fort Bragg Union High School District.

Architect—W. E. Coffman, Forum Bldg., Sacramento.

Structural Engineer—F. W. Kelberg, 320 Market St., San Francisco.

Low Bidder—M. R. Peterson, 1116 "O" St., Sacramento, \$231.30.

Bids have been forwarded to PWA with recommendation that contract be awarded the low bidder at \$170,499, which figure was arrived at by deducting alternates two to nine inclusive, plus changed orders.

Complete basic bids published November 22.

#### CONTRACT AWARDED

**KERN COUNTY**, Cal.—Atlas Construction Co., 39 Congress St., Pasadena, has been awarded a contract by Mojave School District, at \$105,400 for construction of a new school bldg in Mojave, a PWA project. The award was based on a normal bid of \$108,300, with deductions totaling \$2,900 for exposed concrete exterior instead of granite and omission of attic ventilating system. Award approved by the PWA. A. C. Zimmerman, 709 H. W. Hellman Bldg., Los Angeles, is the architect. 15

Complete basic bids published November 22.

#### CONTRACT AWARDED

**SCHOOL BLDGS** Cont. Pr., \$69,400  
**SANTA CLARA**, Santa Clara County, Calif. Santa Clara High School Gymnasium (17x140-ft.) to seat from 750 to 900; shop, garage, equipment, etc.

Owner—Santa Clara High School District (S. J. Brainerd, Principal).  
 Architect—H. H. Weeks, 593 Market St., San Francisco.  
 Contractor—Nielsen and Erbenrath, 82 Hollywood Ave., San Jose.

#### Low Bidder

**SCHOOL** Cost, \$.....  
**PORTLAND**, Ore. SE Ramona St. One-story frame school bldg. (192x 96 ft.) including auditorium (68x 50 ft.)

Owner—Gibbert School District (Alfred Blatchford, Clerk).

Architect—Jones & Marsh, Woodlark Bldg., Portland.

Low Bidder—Allen V. Moore, Corbett Bldg., Portland, \$75,420. 15

#### BIDS WANTED

**KERNVILLE**, Kern Co., Calif.—Until Dec. 8, 5 p.m., bids will be received by the Kernville Union School District for 12 Wesix electric room heaters and one 30-gallon Wesix electric water heater. Further information may be obtained from Hester M. Blain, clerk of the district. • 15

**BIDS REJECTED**

**VENTURA, Cal.**—San Buenaventura Elementary School District rejected all bids received Nov. 17 for construction of the first unit of a new school plant at Howard Street and Thompson Blvd., Ventura. The project will be readvertised about next April. Lowdermilk & Carrico submitted the low base bid at \$33,415. Roy C. Wilson and Geoffrey N. Lawford, architects, Say Road, Santa Paula. \* 15

San Antonio Ave., Alameda—\$55,400.

Award to the low bidder was recommended to PWA. Amount of the low bid is on the basis of a basic bid of \$59,400, and a deduction of \$4000 under Item 5 for omitting bleacher seats.

**Complete Bids**

**SCHOOLS** Cost, \$  
**SELMA, Fresno Co., Calif.**  
 Garfield and Washington Schools (Garfield to contain ten classrooms, offices, rest room, library and auditorium to seat 500; and Washington to contain 8 classrooms, offices, library and rest room).

Owner—Selma Elementary Sch. Dist. Architect—W. D. Coates, Rowell Bldg., Fresno.

Complete bids follow:

**Garfield School**  
 Trewitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno: \$101,977; (unit price) \$26.00; (Alt. 1) (deduct) \$4186; (Alt. 2) (deduct) \$8290.  
 Central California Const. Co., San Francisco: \$102,777; \$26.00; (1) \$4,000; (2) \$8000.

Richmond Construction Co., Fresno: \$103,000; \$20.00; (1) \$4814; (2) \$9656.

W. W. Petley, Los Angeles: \$103,900; \$28.00; (1) \$4989; (2) \$9656.

P. Pedersen, Fresno: \$104,905; \$25; (1) \$3505; (2) \$6945.

Midstate Construction Co., Fresno: \$104,973; \$27.00; (1) \$4750; (2) \$9275.

Harris Construction Co., Fresno: \$106,850; \$28.00; (1) \$4600; (2) \$9945.

F. C. Stolte Co., Alameda: \$106,500; \$25.00; (1) \$4500; (2) \$9000.

Guy Hall, Los Angeles: \$114,751; \$28.00; (1) \$4915; (2) \$9715.

**Washington School**  
 Midstate Construction Co., 501 Pacific Southwest Bldg., Fresno: \$61,000; (unit price) \$27.00; (Alt. 1) (deduct) \$2520; (Alt. 2) (deduct) \$10,000; (Alt. 3) (deduct) \$14,500.

Lewis C. Nelson, Kingsburg: \$62,490; \$35.00; (1) \$4153; (2) \$7,500; (3) \$11,000.

Harris Construction Co., Fresno: \$62,950; \$28.00; (1) \$5392; (2) \$10,217; (3) \$14,785.

Richmond Construction Co., Fresno: \$62,950; \$20.00; (1) \$5404; (2) \$10,212; (3) \$15,190.

W. W. Petley, Los Angeles: \$63,254; \$28.00; (1) \$5185; (2) \$10,202; (3) \$14,933.

F. C. Stolte Co., Alameda: \$63,400; \$28.00; (1) \$5000; (2) \$9,500; (3) \$14,000.

Central California Const. Co., San Francisco: \$63,552; \$26.00; (1) \$4700; (2) \$8,000; (3) \$12,000.

Trewitt-Shields & Fisher, Fresno: \$64,334; \$26.00; (1) \$4456; (2) \$8631; (3) \$12,776.

P. Pedersen, Fresno: \$67,307; \$25.00; (1) \$3275; (2) \$6337; (3) \$9407.

Guy Hall, Los Angeles: \$68,845; \$28.00; (1) \$5187; (2) \$10,265; (3) \$14,981.

It was recommended to PWA that contracts be awarded low bidders on both schools.

**CONTRACT AWARDED**  
**GILBERT, Ariz.**—C. D. Bradley, Rt. 1, Box 250, Phoenix, awarded contract by Maricopa County Supervisors, at \$31,103, for two brick auxiliary buildings to be built at Gilbert High School, a PWA project. Orville A. Bell, architect, 321 Heard Bldg., Phoenix. \* 15

**CONTRACT AWARDED**  
**PHOENIX, Ariz.**—C. O. Johnson, 125 N. Second Ave., Phoenix, awarded contract by Maricopa County Supervisors, at \$12,245.50, for a four-classroom school building to be built at Creighton, 3 miles northeast of Phoenix, a PWA project. Orville A.

Bell, architect, 321 Heard Bldg., Phoenix. \* 15

**TO PREPARE WORKING DRAWINGS**

**ETIWANDA, San Bernardino Co., Calif.**—Architect Frederick Kennedy, Jr., 1041 E. Green St., Pasadena, has been authorized to prepare working drawings for a new frame and plaster elementary school in Etiwanda for the Etiwanda school district. Cost \$75,000. \* 15

**WORKING DRAWINGS COMPLETED**

**ONTARIO, San Bernardino Co., Cal.**—Architect Allison & Allison, 1014 Edison Bldg., Los Angeles, have completed working plans for a Class A auditorium (215 x 150 ft.), to be built at Chaffey High School, Ontario, for the Chaffey Union High School District, a PWA project. Est. cost, \$100,000. The PWA recently approved a \$180,000 grant for the project. \* 15

**Complete Bids**

**SCHOOL BUILDINGS**  
**CAMPBELL, Santa Clara Co., Calif.**  
 First unit (gymnasium only) of addition of four school buildings to the Campbell High School to consist of a two-story main high school building and a one-story auditorium, a gymnasium building and a shop building, landscaping, fencing, paving and construction of six tennis courts.

Owner—Campbell Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA recently allotted grant in the amount of \$109,071 to assist in financing construction of complete addition at estimated cost of \$242,380; however, bids were received on gymnasium building only.

Low Bidder—F. C. Stolte Co., 1405 San Antonio Ave., Alameda—\$54,400.

Award to the low bidder was recommended to PWA. Amount of the low bid is on the basis of a basic bid of \$59,400, and a deduction of \$4000 under Item 5 for omitting bleacher seats.

Complete basic bids and alternate bids submitted under Proposition No. 5 follow:

F. C. Stolte, Alameda—\$59,400, \$4,000

W. M. Caldwell, San Jose—\$58,900, (5) \$4,150.

Carl N. Swenson Co., San Jose—\$60,394, (5) \$3,995.

Nielsen & Ebertraut, San Jose—\$61,745, (5) \$3,850.

(1) M. Latta, San Jose—\$62,412, (5) \$3,900.

W. K. Van Bokkelen, Oakland—\$63,158, (5) \$3,800.

Anderson & Ringrose, San Francisco—\$64,900, (5) \$3,900.

Villadsen Bros., Inc., Oakland—\$64,500, (5) \$3,950.

J. S. Metzger & Son, Los Angeles—\$72,829, (5) \$3,965.

December 1, 1937.

Contract Awarded

**ADDITION** Cont. Pr. \$31,450

**BUTTONWILLOW, Kern Co., Cal.**

Addition of three classrooms and toilet additions, concrete walls, wood floors, the roof.

Owner—Buttonwillow Union School District.

Architect—Symmes & Willard, Station Willard, Architect, 215 Harberde Bldg., Bakersfield.

Contractor—J. N. Harvey, Rt. 2, Box 309-A, Bakersfield

(5652) 1st report Nov. 5; 2nd, Nov. 19, 1937. \* 15

**BIDS WANTED**

**SANTA PAULA, Ventura Co., Cal.**—Until Dec. 20, 7:30 P. M., bids will be received by the Santa Paula high school district for the construction of a group of connected school buildings at the Santa Paula high school site, a PWA project. Plans may be obtained at the business office of the school, Fifth St., Santa Paula, upon deposit of \$10. Frederick Kennedy, Jr., architect, 1041 E. Green St., Pasadena. \* 15

**BIDS WANTED**

**EL MONTE, Los Angeles Co., Cal.**—Until Dec. 10, 7:30 P. M., bids will be received by the El Monte School District for two new reinf. concrete grammar schools, one to be built in the northeast part of El Monte and the other in the southwest section of the city, PWA projects. Plans obtainable from the district superintendent of schools, Columbia school, El Monte, upon deposit of \$25. Cost will exceed \$200,000. Heating equipment, clock and bell system, telephones and electrical fixtures will be omitted until a later date. Worswick & Culver, 22 Fuller Bldg., San Bernardino, architects. G. W. Miller, 311 Architects' Bldg., Los Angeles, structural engineer. \* 15

**New Bids Wanted—To Close Dec. 7, 8 P. M.** Est. Cost, \$12,000

**ADDITION** Est. Cost, \$12,000

**KERN CO., Cal.**

Addition to the Fairfax School.

Owner—Fairfax School District.

Architect—Symmes & Willard; Station Willard, Architect, 215 Harberde Bldg., Bakersfield.

All bids received Nov. 18 were rejected.

Elliott & Elliott, Bakersfield, at \$13,584, submitted previous low bid.

**BIDS WANTED**

**OJAI, Ventura Co., Cal.**—Until Dec. 7, 7 p.m., bids will be received by the Northhoff Union High School District for reconstruction of the auditorium at the high school in Ojai, a PWA project. Estimated cost, \$27,000. Roy C. Wilson and Geoffrey N. Lawford, architects, Say Road, Santa Paula; Manley Sahlgren, structural engineer, Architects' Bldg., Los Angeles. \* 15

**Bids Opened**

**SCHOOL BUILDINGS**

**CAMPBELL, Santa Clara Co., Calif.**

First unit (gymnasium only) of addition of four school buildings to the Campbell High School to consist of a two-story main high school building and a one-story auditorium, a gymnasium building and a shop building; landscaping, fencing, paving and construction of six tennis courts.

Owner—Campbell Union High School District.

Architect—Harold H. Weeks, 593 Market St., San Francisco.

PWA recently allotted grant in the amount of \$109,071 to assist in financing construction of complete addition at estimated cost of \$242,380; however, bids were received on gymnasium building only.

Low Bidder—F. C. Stolte Co., 1405

## SUB-BIDS WANTED

**COURTLAND**, Sacramento County, Calif.—Lawrence Const. Co., 2574 18th Street, Sacramento, is figuring plans and desires sub-bids on all portions of the work for the construction of the Courtland High School, for which bids will be opened Dec. 3, 2:40 P. M.

Plans by Architect Charles Dean, California State Life Bldg., Sacramento. 15

## BID OPENED

**SAN FRANCISCO**—Parker Weather Strip Co., 4328 Geary St., at #13, submitted only bid to the Department of Public Works, Room 251, City Hall, for installing weather strips at George Washington High School, 33rd Ave. and Geary Blvd.

## Contract Awarded

**PORTLANDS** Cost, \$1,077 each  
**OAKLAND**, Alameda Co., Cal. Golden Gate Junior High School, 53rd and San Pablo Avenue.

Thirteen portables (temporary classrooms).

Owner—Oakland School District.

Architect—Will G. Corlett, Bank of America Bldg., Oakland.

Contractor—John F. Tulloch, 335 8th St., Oakland.

Complete bids published Nov. 17.

## Contract Awarded

**SCHOOL** Contr. P. Co., \$136,000  
**PORTERVILLE**, Tulare Co., Calif. New Bartlett High School (7 classrooms, library, administrative offices, six special rooms, sewing, domestic science, manual training and music rooms), reinforced concrete construction.

Owner—Porterville Union High School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—Trewitt-Shields & Fisher, Pacific Southwest Building, Fresno.

## BIDS WANTED

**LOS ANGELES**, Cal.—Until Dec. 8, 2 P. M., bids will be received by the Los Angeles Board of Education for reconstructing and altering the main bldg. at the Coronel school, 725 Wilson St. Est. cost, \$39,000. 15

## Bids Wanted—To Close December 15,

**H. A. M. M. PATTEN** Est. Cost, \$6,000 each

**FRESNO**, Calif. Four brick toilet buildings, one at the Dooly School, one at Franklin School and one at Fremont School.

Owner—City of Fresno School District, L. L. Smith, Secretary.

Contractor—Fred L. Swartz, Brix Bldg., Fresno.

Plans and specifications may be obtained from the office of the Architect.

Bids will be opened in the Board of Education District, 2348 Mariposa Street, Fresno, Dec. 15, and must be certified by a 10% certified check on local bond.

Low bidders

**SCHOOL**

**SAN FRANCISCO**, Cal.

**GARDEN**—Washington Schools

Contract to contain ten classrooms, rest room, library

and rest room to seat 500; and

Washington Schools, library and rest room.

Owner—Santa Elementary School District.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Three low bidders follow:

**Garfield School**  
Trewitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno—\$101,977.

Central California Constr. Co., Inc., San Francisco—\$102,977.

Richmond Construction Co., Fresno—\$103,000.

**Washington School**  
Midstate Constr. Co., 501 Pacific Southwest Bldg., Fresno—\$61,911.

L. C. Nelson, Kingsburg—\$62,490.

Harris Constr. Co., Fresno—\$62,910.

**Bids Wanted—To Close Dec. 6, 4:00 P. M.**

**SCHOOL** Cost, \$68,600  
Taft City School, 1-story, frame and stucco construction, 4 classrooms, combination gymnasium - auditorium with stage, offices, dressing rooms, etc.

Owner—Taft School District.

Architects—Chas. H. Biggar, Habersfelde Bldg., Bakersfield.

Structural Engineer—Mark Falk, Washington Bldg., Los Angeles.

Plans and specifications obtainable from the Architect's office upon deposit of \$20.

**Preparing Working Drawings.**

**SCHOOL** Est. Cost, \$50,000  
Tracy, San Joaquin Co., Calif. Eaton Ave. bet. Parker and Holly Drive.

New elementary school.

Owner—Tracy Elementary Sch. Dist. (Henry A. McCrory, Clerk).

Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

**10—BANKS, STORES AND OFFICES**

December 2, 1937.

**Plans Being Figured—To Close Dec. 12 Noon**

**ALTERATIONS** Cost, \$5,000-\$6,000  
SAN FRANCISCO SE Fulton and Gough Sts.

Alterations to one-story and mezzanine store and shop building; brick work and lumber.

Owner—Reed Tire Co.

Architect—D. E. Jaedicke, 126 Post St.

Following is partial list of selected contractors figuring plans:

A. C. Lindgren, 346 Lowell St., San Francisco.

Hammer & Tosch Co., 1479 Burlingame Ave. Burlingame.

Roy H. Branch, 50 Turk St., San Francisco.

**Construction to Begin Shortly**

**REMODEL BLDG.** Cost, \$200,000  
SAN FRANCISCO. Third and Market Sts.

Present Hearst Building to be increased 16 feet in height and entire exterior modernized; enlarge lobby, reconstruct elevator doorways.

Owner—The Hearst Estate, Inc.

Architect—Miss Julia Morgan, Merchants Exchange Bldg.

Contractor—K. E. Parker Co., 135 South Park.

Construction is scheduled to begin shortly after January 1.

**CONTRACT AWARDED**

**BELVEDERE GARDENS**, Los Angeles Co., Cal.—Baruch Corp., 625 S. Olive St., awarded contract for construction of a one-story and basement store building (140x140-ft.) at 4801-4817 Whittier Blvd., Belvedere Gardens, for the Roymer Realty Corporation, owner; Woolworth's, Federal Outfitting Co., Grayson's and Sontag Drug Co., tenants. Marcus P. Miller, 707 Board of Trade Bldg., Los Angeles, architect. 16

**Construction Underway.**  
**STORE BLDG.** Cost, \$70,000  
**PORTERVILLE**, Tulare Co., Calif. Two-story concrete and brick store building.

Owner—M. M. and D. L. Jones, Porterville.

Architect—Not Given.

Contractor—Trewitt-Shields & Fisher, Pacific Southwest Bldg. 16

## CONTRACT AWARDED

**PHOENIX**, Ariz.—Wm. Peper Construction Co., P. O. Box 1564, Phoenix, awarded contract for remodeling the exterior of the Heard Bldg., located on N. Central Ave., Phoenix, for the Commonwealth Inv. Co. Construction will start Dec. 1. New elevators and air conditioning systems have already been installed. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix. 16

**Contract Awarded**

**STORE** Cost, \$10,000  
**FRESNO**, Calif. 2206 California St.

One-story store building.

Owner—Alex Olberg, c/o Contractor.

Architect—Not Given.

Contractor—Henry Rosenthal, 715 Lyon St., Sanger. 16

## CONTRACT AWARDED

**LOS ANGELES**, Cal.—Myers Bros., 3407 San Fernando Road, awarded contract for construction of a two-story and basement office building at 977 W. 8th St., for the Ethyl Gasoline Corp. Cost, \$32,000. Witmer & Watson, architects, 903 Architects' Bldg., Los Angeles. 16

**Preparing Plans**

**REMODEL STORE** Est. Cost, \$4,000  
**ANGELS CAMP**, Calaveras Co., Cal.

Remodel second story of store building into doctor's office.

Owner—W. Lillie, c/o Architect.

Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.

Upon completion of plans owner will probably take bids from a selected list of contractors.

## PREPARING PLANS

**SAN PEDRO**, Cal.—S. H. Kreaa & Co., 114 Fifth Ave., New York City, report that they will have plans ready for bids early next year for a new two-story and basement dept. store building (75 x 100 ft.) to be built at the corner of Seventh St. and Pacific Ave., San Pedro. Plans are being drawn by Architect Edward F. Sibbert, 114 Fifth Ave., New York City. 16

**CONTRACT AWARDED**

**LOS ANGELES**, Calif.—Myers Bros., 3407 San Fernando Road, will build a concrete and reinforced brick office and warehouse (120 x 73 ft.) at 2225 Barranca St., for W. P. Fuller & Co., 133 N. Los Angeles St. Gordon B. Kaufmann, Architect, 627 S. Carondelet St. Cost, \$25,750. 16

## BIDS OPENED

**SACRAMENTO**, Calif.—Holdener Construction Co., 2608 R St., Sacramento, at \$13,276, submitted low bid to the Pacific Trading Co., Inc., 1513 Front St., Sacramento, for the construction of a new building. E. D. Francis, Cronan Bldg., Sacramento, Engineer.

Total bids follow:

Holdener Const. Co., Sacto..... \$13,276

Jul Johnson & Son, Sacto..... 14,900

Chas. F. Unger, Sacto..... 14,900

Frank Maloney, Sacto..... 15,400

H. W. Robertson, Sacto..... 17,426

Bids taken under advisement. \* 16



**17— THEATRES**

**Low Bidders**  
**REMODELING**  
**PETALUMA**, Sonoma Co., Calif.  
 Remodel present Music Theatre (to be re-named the State Theatre).

Owner—Petaluma Theatres, Inc.  
 Architect—A. A. Cantin, 64 Pine St., San Francisco.

Low bids follow:

**General Work**

Moore & Roberts, 693 Mission St., San Francisco—\$12,784.

**Heating**

Aladdin Heating Corp., 5107 Broadway, Oakland—\$2,657.

**18— WHARVES & DOCKS**

**Bids Wanted—To Close December 6, 4:30 P. M.**  
**EXTEND PIER** Est. Cost, \$160,500  
**PORT OF OAKLAND**, Alameda Co., Cal. Ninth Ave. Terminal.

Extension of existing outer wharf improvements in the area between the Apron Wharf, now under construction, and the concrete bulkhead wall. A connection will be made to the Apron Wharf so as to provide a continuous and complete wharf of cross-tied piles and timbers 112 ft. wide and 530 ft. long, forming a continuous wharf with the Apron Wharf of the existing 9th Ave. Pier. Also construct approximately 94,000 sq. ft. of 10-in. oil macadam roadways in rear of wharf extension.

Owner—Oakland Port Commission, Foot of Grove St., Oakland.

Plans by Engr. Dept. of Owner. As previously reported, plans and specifications available at the Oakland Port Commission upon deposit of \$25.

PWA recently allotted grant in the amount of \$72,225 to assist in financing work.

**19—MISC. CONSTRUCTION**

**Bids Rejected**  
**MAUSOLEUM** Cost, \$ . . .  
**OAKLAND**, Alameda Co., Calif.  
 Mausoleum containing 500 crypts.  
 Owner—First Hebrew Congregation.  
 Architect—Henry A. Minton, Underwood Bldg., San Francisco.

All bids were rejected. New bids will probably be asked next January.

**Architect Commissioned to Prepare Plans**  
**CHINESE CONCESSIONS**

Est. Cost, \$200,000 to \$250,000  
**YERBA BUENA SQUARES**, Site of the 1929 World's Fair.  
 Group of concession buildings, consisting of building to house two theatres (approx. 7,140 sq. ft.), cate building with roof garden (6,250 sq. ft.), adjoining kitchen building (approx. 1,100 sq. ft.), covered tea garden (approx. 4,000 sq. ft.), dance pavilion (1,700 sq. ft.), food shops (approx. 4,000 sq. ft.), game shops (approx. 5,000 sq. ft.), Chinese Old Village Gardens, Pagoda approx. 80 ft. high.  
 Owner—Chinese Factors, Inc.  
 Architect—Mark Daniels, 101 Post St., San Francisco.

**BIDS OPENED**  
**OAHU, T. H.**—Cory and Joslin Contracting Engineers, Inc., 50 Hawthorne St., San Francisco, at \$36,700, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8531, for the construction of an electric generating plant, including gasoline engine driven generator sets,

withboard, gasoline and water tanks and shelter for equipment, at the Aiea Naval Reservation, Oahu, T. H. Estimated cost, \$84,000.

Three low bids follow:  
 Cory & Joslin Contracting Engineers, Inc., 50 Hawthorne St., San Francisco—\$36,700.

Industrial Power Equipment, Baltimore—\$39,000.

Max W. Moody—\$41,550.

Max W. Moody also submitted an alternate bid at \$37,750, using equipment other than that specified. \* 19

**Contract Awarded**  
**TERMINAL** Cost, \$10,000  
**STOCKTON**, San Joaquin Co., Calif.

1207 So. Aurora St.  
 Freight terminal building.  
 Owner—Valley Express Co., 401 S St.  
 Architect—Not Given.  
 Contractor—Wieland Bros., 919½ Eye St., Modesto. 19

**Contract Awarded**  
**MOVE BARN** Cont. Pr., \$7,800  
**STOCKTON**, San Joaquin Co., Calif.

Fair Grounds.  
 Complete moving and re-assembling of horse barns.

Owner—County of San Joaquin.  
 Architect—Eric W. Johnson, 142 N. California St., Stockton.

Contractor—John Hachman, P.O. Box 206, Stockton.

Complete bids follow:

<b>General Work</b>	
John Hachman . . . . .	\$7600
Geo. Roek . . . . .	8100
J. C. Meyers . . . . .	2292
H. W. Baum . . . . .	8360
C. E. Totten . . . . .	9128

**Plumbing Work**

The Miller-Hays Co., 742 E. Weber Ave., Stockton (awarded contract) . . . . .		\$2149
Pahl-Rubin Co. . . . .		2356
W. P. Gibson . . . . .		2474
Eli's Plumbing Co. . . . .		2541
P. M. Boscacci & Son . . . . .		2563
All of Stockton.		

**CONTRACT AWARDED**  
**OAKLAND**, Calif.—Anchor Post

Co., 1035 5th Ave., Oakland, at \$675, was awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, for the construction of a galvanized wire fence, gates and partitions at the Oakland Municipal Corporation Yard. 19

**Sub Contracts Awarded**  
**ADDITION** Cont. Pr., \$14,358  
**SONOMA CO.**, Cal. near Guerneville.

Korbel Ranch.  
 Two-story concrete addition to winery.

Architect—John Easterly, Headsburg and Santa Rosa.

Contractor—Walter L. Olsen, 238 Carrillo St., Santa Rosa.

**Cork Insulation & Roofing**—C. D. Roberts, 432 3rd St.

**Plumbing** W. D. Porter, Rt. 6, Box 295.

**Electric Wiring**—Guerneville Hardware Co.

**Sheet Metal** Ed. Holts Sheet Metal Works, 411 3rd St.

**Iron Work** Mark Haines, 5 B St.

**Lumber** Mend Clark Lumber Co.

**Painting** W. W. Sullberg & Son, 606 Spencer Ave.

All of Santa Rosa.

(d) 1450 ft. top and terminal brace rail;

(e) 1500 ft. coil spring steel wire;

(f) 2 double leaf swing gates, 5 ft. high, 16 ft. opening;

(g) one single leaf swing gate, 5 ft. high, 36 ft. opening;

(h) one double leaf sliding gate, 5 ft. high, 5 ft. opening;

(i) 2 sets fittings;

(2) fencing materials for enclosing Dept. property at Silver Lakes switching station:

(a) 140 ft. chain link fencing fabric (h) 140 posts;

(c) 10 gate and corner posts;

(d) 1500 ft. rail;

(e) 1500 ft. wire;

(f) 3 double leaf swing gates, 5 ft. high, 16 ft. opening;

Bids will be taken for trucks Department warehouse, 1630 N Main St., and job delivered. Spec. No. 2453.

**BIDS OPENED**  
**OAKLAND**, Calif.—The Duncanson & Harrelson Co., 1404 deYoung Bldg., San Francisco, at \$14,432 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Bid No. 48, for furnishing 72 concrete piles in lengths of 50-75-60-65- and 70-ft. (4510 l.f.) for the San Joaquin River levees.

Total bids follow:

The Duncanson & Harrelson Co., San Francisco . . . . .	\$14,432.00
Frank Legg, San Francisco . . . . .	15,108.50
Ben C. Gerwick, Inc., S. F. . . . .	16,281.10
A. W. Kitchen Co., S. F. . . . .	20,791.10
A. Soda & Son, Oakland . . . . .	21,648.00
M. B. McGowan, Inc., S. F. . . . .	22,369.60
P. Sonneck, . . . . .	24,805.00
Bundesen & Lauritzen, . . . . .	28,187.50
Pittsburgh . . . . .	28,187.50

**Sub Contracts Awarded**  
**FOUNDATION**

**OAKLAND**, Alameda Co., Calif. NE corner First and Grove Streets.

Construction of boiler and fan foundation at Sub-station C.

Owner—Pacific Gas & Electric Co. Plans by Engr. Dept. of Owner.

Contractor—Binwillde Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

**Reinforcing Steel**—Gunn-Carle & Co., 29 Potrero Ave.

**Masonry**—J. T. Thorpe & Son, Inc., 941 16th St., San Francisco.

**CONTRACT AWARDED**  
**BENTON CO.**, Wash.—Homer G. Johnson, 708 Imperial Hotel Bldg., Portland, at \$34,265 (Item 1), submitted low bid and was awarded contract by the Benton Rural Electric Association, Prosser, Wash., for the construction of about 40 miles of electric distribution lines in Benton County.

Bids taken on:

(1) Aluminum; (2) Copper Wire; (3) Copper weld copper.

Complete bids follow:

Homer G. Johnson, 708 Imperial Hotel Bldg., Portland (1) \$34,265; (2) \$35,325; (3) \$36,385.

Roberts & Broad, Spokane—(1) \$31,156; (2) \$36,577; (3) \$39,121.

Fritz Ziebarth, Long Beach—(1) \$31,530; (2) \$35,733; (3) \$35,919.

Hunsberger Elec. Co., Portland—(1) \$35,780; (2) \$37,831; (3) \$38,684.

Nelgac-McKenny Co., Seattle—(1)

**BIDS WANTED**  
**POINT REYES**, Marin Co., Calif.—Until Dec. 22, 11 a. m. bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8366, for repairs and improvements at the U. S. Naval Direction Finder Station, Point Reyes, Cal. Work involves: re-fencing of a spring, replacement of catch basin at the spring; replacement of cattail

watering trough and piping, about 1600 feet 1½-in. galv. pipe line, 30 g.p.m. DC motor-driven centrifugal pump, about 650 feet of parkway cable, new fire hydrant and miscellaneous repairs to water pipes and tanks.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. \* 19

#### Bid Opened

ALTER HEATING SYS. Cost, \$.....  
SAN FRANCISCO. 190 Sea Cliff Ave.  
Furnish and install circulation pump  
in existing hot water heating system.

Owner and Architect—Not Given.

Bid opened by Warren Doble, 1015  
Mills Bldg.

Only Bidder—M. J. Reeves Heating  
Co., 955 Natoma St., \$174.50.

Bid held under advisement. \* 19

## 20— MISC. SUPPLIES AND MATERIALS

#### CONTRACT AWARDED

SAN FRANCISCO.—John Cassar-  
etto Co., 6th and Channel Sts., San  
Francisco, at \$5.33 net, was awarded  
contract by T. A. Brooks, Purchaser  
of Supplies, Room 270, City Hall,  
under Bid No. 1929, for furnishing  
and delivering approximately 10,000  
c.y. mixed concrete for various WPA  
projects. \* 20

#### BIDS WANTED

LOS ANGELES, Calif.—Until Dec.  
3, 3 P. M., bids will be received by  
United States Engineer, Los Angeles,  
for 315,000 lbs. of fabricated steel  
and other metal work incidental to  
steel superstructure for Duquesne  
Avenue bridge over Ballona Creek,  
job job site, shipped on government  
bill of lading and/or shipped at con-  
tractor's expense. Circ. Prop. 143.  
Bid bond, 10%, must accompany bid.

#### CONTRACT AWARDED

POMONA, Los Angeles Co., Calif.—  
Southern Pipe & Casing Co., Azusa,  
at \$97.71, submitted low bid and  
was awarded contract by Pomona  
city council for 7000 ft. 12-in. steel  
pipe. Other bids were:

Western Pipe & Steel Co., \$1.05.  
Southwest Welding and Mfg. Co.,  
\$1.10.

West Coast Pipe & Steel Co., \$1.11.  
American Pipe & Steel Co., \$1.18.  
California Corrugated Culvert Co.  
(40-ft. lengths, \$1.2-; 124-ft. lengths)  
\$1.28.

Consolidated Steel Corp., \$7843.45  
total, including sales tax.

#### BIDS OPENED

BERKELEY, Alameda Co., Calif.—  
E. A. Corneley, Inc., 1452 Bush Street  
San Francisco, at \$773.39, Alt. A, add  
\$35; Alt. B, add \$93, submitted only  
bid to the State Architect's Office,  
Geo. B. McDougall, Sacramento, for  
furnishing and installing gas and oil  
burning equipment at the State  
Home for the Deaf at Berkeley. \*

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Southern  
California Roads Co., at \$134.50 was  
awarded contract by U. S. Engineer,  
Los Angeles, for treating round wood  
piling; Circ. Prop. 123. \* 20

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Blue Dia-  
mond Corp., at \$620, awarded con-  
tract by U. S. Engineer, Los Angeles,  
for 20,000 lbs. ¾-in. reinf. steel,  
Circ. Prop. 127. \* 20

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Globe Lum-  
ber Co., Ltd., at \$256.50, awarded con-

tract by U. S. Treasury Dept., Los  
Angeles, for 9000 ft.b.m. No. 1 com-  
mon Douglas fir lumber, f.o.b. San  
Luis Rey; Inv. No. 33709. \* 20

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Daugherty  
Lumber Co., J. E. Peery, 210 W. 7th  
St., Los Angeles, at \$1244, submitted  
low bid and was awarded contract  
by the Metropolitan Water District,  
under Quo. 91471, for furnishing lum-  
ber.

#### Total bids follow:

Daugherty Lumber Co., J. E. Peery,  
210 W. 7th St., Los Angeles—\$1244;  
2½ 10 days; Wt. 3300 lbs per MB ft;  
f.o.b. Portland.

James L. Hall, San Francisco—  
\$1350; 2½ 20 days; wt. 3300 lbs. per  
MB ft.; f.o.b. Coquille, Ore.

Chapman Lumber Co., Portland—  
\$1350; 2½ 10 days; weight incom-  
plete; f.o.b. Eugene, Ore.

Hammond Lumber Co., Los Ange-  
les—\$1295; 2½ 10 days; wt. 3490 lbs.  
per MB ft.; f.o.b. Eugene. \* 20

#### BIDS WANTED

SACRAMENTO, Calif.—Until Dec. 3,  
3 p.m., bids will be received by the  
U. S. Engineer Office, Col. L. B.  
Chapman, District Engineer, Room  
208, Post Office Bldg., Sacramento,  
under Circ. Pro. 1105-35-131, for fur-  
nishing miscellaneous castings, as  
follows:

- (1) 100 pipe sleeve band washers;
- (2) 14 length pontoon pipe;
- (3) One lot pipe and bands for pon-  
toon elbow;
- (4) One only, spur gear;
- (5) 9 cleat or kevel.

Plans and specifications may be  
obtained from the above office. \* 20

#### BIDS OPENED

OWYHEE PROJECT.—The follow-  
ing submitted bids to the Bureau  
of Reclamation, Denver, Colo., under  
Spec. No. 991-D, for furnishing and  
delivering the plate-steel penstock  
and discharge pipe and appurten-  
ances for installation at the Succor  
Creek pumping plant, Owyhee Project,  
Teton-Idaho. Materials will be  
installed by the Government; f.o.b.  
shipping point and/or Homedale, Ida.

#### Total bids follow:

The Thompson Mfg. Co., Denver,  
Colo.—\$1130; wt. 9400; disc. ¼%;  
f.o.b. Denver.

Treadwell Constr. Co., Midland, Pa.—  
\$1840; wt. 10,200; net; f.o.b. Mid-  
land.

Southwest Welding & Mfg. Co., Al-  
hambra, Calif.—\$1213; wt. 10,500; ¼%;  
f.o.b. Alhambra.

Koppers Co., Western Gas Div.,  
Ft. Wayne, Ind.—\$1395; wt. 10,500;  
net; f.o.b. Fort Wayne.

Olson Mfg. Co., Boise, Idaho—\$1390;  
wt. 10,400; ¼%; f.o.b. Boise.

The Smith Corp., d b a General  
Iron & Steel Works, Portland, Ore.—  
\$244; wt. 10,000; net; f.o.b. Port-  
land.

Montague Pipe & Steel Co., San  
Francisco—\$1240; wt. 10,500; ¼%;  
f.o.b. San Francisco.

Beall Pipe & Tank Corp., Portland—  
\$1188; wt. \$200; net; f.o.b. Port-  
land.

John W. Beam, Denver—\$975; wt.  
10,200; ¼%; f.o.b. Chicago, Ill.

The Steel Tank & Pipe Co., Port-  
land—\$1450; wt. 10,350; net; f.o.b.  
Portland.

S. Morgan Smith Co., York, Pa.—  
\$2900; wt. 11,500; net; f.o.b. York.  
Berkeley Steel Constr. Co., Inc.,  
Berkeley, Calif.—\$1680; wt. 11,300;  
½%; f.o.b. Berkeley.

King Bros., Portland—\$1187; wt.  
10,000; net; f.o.b. Portland, Ore.

#### CONTRACT AWARDED

OAKLAND, Calif.—Key Pipe and

Supply Co., 1362 7th St., Oakland, at  
(1) \$11.69 and (2) \$0.79, was awarded  
contract by the Oakland City Council,  
City Clerk, City Hall, Oakland,  
for furnishing wrought steel pipe;  
(1) 22,000 ft. 1½-in.; (2) 9,000 ft.  
1¼-in. \* 20

#### BIDS WANTED

TUCSON, Ariz.—Until Dec. 7, 10  
A. M., bids will be received by the  
Pima County Supervisors, Tucson,  
for furnishing the following: Furni-  
ture for administration building and  
nurses' home, office furniture and  
supplies, miscellaneous furniture,  
general hospital equipment, linens and  
bedding, dental equipment, operating  
room equipment, laboratory equip-  
ment, sterilizing equipment, X-ray  
machine and equipment and kitchen  
machinery for the Pima County Hos-  
pital. Specifications are on file with  
Gladstone MacKenzie, clerk of the  
board. \* 20

#### CONTRACT AWARDED

LOS ANGELES.—Buehler Tank &  
Welding Works, 5000 Capitol Blvd.,  
at \$2729.55, awarded contract by the  
Metropolitan Water District Purchas-  
ing Agent, Los Angeles, for access  
for power cabinets f.o.b. vendor's  
plant for five pumping plants; Bid  
91525. Other bids were:

Southwest Welding & Mfg. Co.—  
\$3395.91.

Consolidated Steel Corp.—\$3648.40.  
Pacific Iron & Steel Co.—\$3001.13.

#### CONTRACT AWARDED

LOS ANGELES.—Bethlehem Steel  
Co. at \$7,001.94, awarded contract by  
Metropolitan Water District Pur-  
chasing Agent, Los Angeles, for 15  
auxiliary crane runways, f.o.b. ven-  
dor's plant for 5 pumping plants, Bid  
91475.

#### Other bids were:

Consolidated Steel Corp.—\$7525.28.  
Apex Steel Corp.—\$7377.12.  
Pacific Iron & Steel Co.—\$7474.71.  
Western Pipe & Steel Co. of Cal.—  
\$8203.95. \* 20

#### BIDS OPENED

LOS ANGELES, Calif.—Globe Lbr.  
Co. at \$38.50 (1) and \$28.50 (2) sub-  
mitted low bid to U. S. Treasury De-  
partment, Los Angeles, for (1) 7500  
FBM No. 1 common D F lumber; (2)  
1500 FBM do, fob San Luis Rey. Inv.  
No. 22709. Other bids were:

Patten-Blinn Lbr. Co. (1) \$28 (2)  
\$29; 2½ 30 days. Owena-Parks Lbr.  
Co. (1) \$30 (2) \$29.50, 5% 30 days.  
Geo. M. Huff Lbr. Co. (1) \$30.50 (2)  
\$30.50, 5% 30 days. Sun Lbr. Co. (1)  
\$31 (2) \$31, 5% 30 days. Encinitas  
Lbr. Co. (1) \$31.50 (2) \$31.50, 5% 30  
days. Mullin Lbr. Co. (1) \$32 (2) \$32,  
5% 30 days. E. K. Wood Lbr. Co. (1)  
\$32.20 (2) \$32.20, 5% 30 days. Park  
Lbr. Co. (1) \$33.50 (2) \$33.50, 5% 30  
days. Bauer Lbr. Co. (1) \$35 (2) \$35,  
5% 30 days. Hayward Lbr. & Inv.  
Co. (1) \$38 (2) \$35, 5% 30 days. Whit-  
ting-Mead Co. (1) \$38 (2) \$38, 5% 30  
days. Gelb Lbr. Co. (1) \$38 (2) \$38,  
5% 30 days. \* 20

#### BIDS OPENED

LOS ANGELES, Calif.—California  
Corrugated Culvert Co., 5th and Park-  
er Sts., Berkeley, submitted low bid  
to U. S. Treasury Department, Los  
Angeles, for galvanized iron culverts  
and band couplers, fob Lemon Grove.  
Inv. No. 33705. Bids were:

California Corrugated Culvert Co.:  
(1) \$27.18 (2) \$28.38 (3) \$43.02 (4) \$3.30  
\$5.30 (5) \$4.87.  
Western Pipe & Steel Co.: (1) \$27-  
36 (2) \$24.5 (3) \$43.56 (4) \$3.38 (5)  
\$5.60 (6) \$4.56.

Pacific Corrugated Culvert Co.: (1)  
\$27.36 (2) \$24.5 (3) \$43.10 (4) \$3.40  
(5) \$5.78 (6) \$4.87. All terms net.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 21.—Bridges                         | 30.—Retainers and Dams              |
| 22.—Dredging, Harbor Works, Excav., | 31.—Pipe Lines and Wells            |
| 23.—Irrigation Proj.                | 32.—Sewers & Sewage Disposal Plants |
| 24.—St. Light. Systems              | 33.—Water Works                     |
| 25.—Machinery and Equipment         | 34.—Parks & Play-grounds            |
| 26.—Fire Alarm Sys.                 | 35.—Tunnels                         |
| 27.—Fire Equipment                  |                                     |
| 28.—Streets & Highways              |                                     |

## 21— BRIDGES

### CONTRACT AWARDED

**PIERCE COUNTY,** Washington.—San J. Orino, Bonneville, at \$64,822.50, was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch District Engineer, 316 New Post Office Building, Portland, Ore., for construction of a 78-ft. span, filled concrete arch bridge over Deer Creek, together with .0288 of a mile approach grading, Mt. Rainier National Park, East Side Highway Proj. 5-D, Deer Creek Bridge and Approach Grading, Mt. Rainier National Park, Pierce County, Wash. \* 21

### CONTRACT AWARDED

**GOVERNMENT ISLAND,** Calif.—Golden Gate Iron Works, 151 Howard St., San Francisco, at \$1,025,500, 15 of 1%, for San Francisco, submitted low bid and awarded contract by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, under Bid No. 5309, for 100-ft. continuous girder span including all structural steel, bolts for field connections, bolts for superstructure and all miscellaneous steel for the erection of the span, fo So Cow Creek, Redding \* 21

## 22— DREDGING HARBOR WORKS, EXCAVATION

### BIDS WANTED

**RIVERTON PROJECT,** Wyo.—Until Dec. 28, 10 a.m., bids will be received by the Bureau of Reclamation, Riverton, Wyo., under Spec. No. 762, for the construction of earthwork and structures, Pilot canal laterals 26 to 28, Sand Gulch lateral 3-A and sublaterals, Pilot division, Riverton Project, Wyo.

#### Work involves:

- (1) 141,500 c.y. of all classes of excavation for laterals;
- (2) 1,000 sta. c.y. of overhaul;
- (3) 5,500 c.y. of all classes of excavation for structures;
- (4) 6,500 c.y. of backfill;
- (5) 2,630 c.y. of concrete;
- (6) 100 sq. yds. of grouted paving;
- (7) 100 c.y. of cobble riprap;
- (8) Placing 172,000 lbs. of reinforcement bars;
- (9) Erecting 60 MFPM of timber in structures;
- (10) Laying 2750 lf. 18-in. to 36-in. diam. lock-joint concrete pipe;
- (11) Installing 14,200 lbs. of gates and miscellaneous metalwork.

Plans and specifications may be obtained from the above office. \* 22

### TO SIFART SURVEY

**VENTURA,** Ventura Co., Calif.—G. F. Nicholson, consulting engineer, has announced that war department engineers will start shortly on a survey of Ventura harbor with a view toward federal aid for the construction of a \$2,000,000 harbor. The City of Ventura will be asked to contribute \$500,000. 22

## 24— STREET LIGHTING

December 1, 1937

### CONTRACT AWARDED

**SAN JOSE,** Santa Clara Co., Calif.—Roy M. Butcher, 1020 Sherwood St., San Jose, at \$1259.00 submitted only bid and was awarded contract by the San Jose City Council, C. E. Goodman, City Manager, City Hall, San Jose, for the construction of ornamental electroliters with conduit, conductors and all appurtenances on Emory Street between Dana Avenue and Garden Drive and on Carlton Drive between Emory Street and Naglee Avenue. \* 24

## 25— MACHINERY AND EQUIPMENT

### CONTRACT AWARDED

**OAKLAND,** Calif.—Hap Alzma, 162 12th St., Oakland, at \$751.48 (1) and \$918.38 (2), awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing two motorcycles for the Police Department. \* 25

### CONTRACT AWARDED

**OAKLAND,** Calif.—Joe Pierotti & Co., Sixth and Broadway Sts., Oakland, at \$1982.75, awarded contract by the Oakland City Council, City Clerk, City Hall, Oakland, for furnishing one ambulance for the Oakland Police Department. \* 25

### BIDS OPENED

**FORT MASON,** Calif.—Following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-136, for furnishing machinery, as follows:

- (A) Parts for Westinghouse 50 KW generator: (1) one No. 198 rotor complete, (2) two shaft sleeves, (3) 2 gland runners.
- (B) Parts for General Electric Motor, D.C.: (1) one armature, (2) one set field coils (2 to 4).
- (C) Parts for Worthington duplex, sanitary pump, valve gear, complete.

#### Total bids follow:

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

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Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

Westinghouse Co.—(A) (1) \$19,550;

(2) \$350 each; (3) \$650 each.

General Electric Co.—(B) (1) \$18;

(2) \$10.

Worthington Pump & Machinery Corp.—(C) \$239. \* 25

### CONTRACT AWARDED

**BOULDER CANYON PROJ.,** Calif.—Pacific Iron & Steel Co., Ltd., Los Angeles, at \$2,747 was awarded contract by the Bureau of Reclamation, F. R. Walter, Chief Engineer, Denver, under Spec. No. 981-D, for seven 18-ft. by 17-ft. 6-in. radial gates, four 14-ft. by 6-in. radial gates for the Pilot Knob check and wasteway; two 16-ft. 9-in. by 13-ft. 7-in. radial gates, and four 7-ft. 6-in. by 6-ft. radial gates for the New River crossing; and two 8-ft. by 7-ft. 5-in. radial gates, one 8-ft. by 6-ft. 2-in. radial gate, one 6-ft. by 6-ft. 3-in. radial gate, two 12-ft. by 13-ft. 8-in. radial gates, three 10-ft. 8-in. by 12-ft. radial gates, and four 14-ft. by 11-ft. 9-in. radial gates for the New Wistaria, Woodbine, Wormwood, and West Side main canal turnouts and for Wistaria and Woodbine checks on the All-American Canal, Boulder Canyon Project. Gates will be installed by the Government, for the shipping point and/or railroad destination. \* 25

### BIDS WANTED

**LOS ANGELES,** Cal.—Until Dec. 3, 2 P. M., bids will be received by State Highway Department, Los Angeles, for rental of one 3/4-cy. gasoline shovel with dragline and pile driver equipped delivered to Santa Ana Canyon Road, 7 miles from Olive for approximately 45 days. \* 25

### BIDS OPENED

**EL CENTRO,** Imperial Co., Cal.—General Machinery Corp., at \$142,693 submitted low bid to Imperial Irrigation District, El Centro, for furnishing Diesel engines, generators, and accessories, as necessary for the Brawley Diesel plant addition. The list of items bid on are:

- (1) 3 diesel engines, complete in place, inc. accessories;
- (2) 1 motor driven, lubrication oil pump, complete in place;
- (3) 3 duplex, continuous flow type oil filters, complete in place;
- (4) three motor driven soft water pumps, to operate against a 100 lf head, complete in place;
- (5) three motor driven raw water pumps, each, with a rated capacity of 600 gpm against a 75-lf head, complete in place;
- (6) 3 duplex, continuous flow type oil filter, complete in place;
- (7) 3 fuel oil meters, complete in place;
- (8) 3 motor driven scavenging blowers, complete in place;
- (9) 3 intake air filters, with silencers, complete in place;
- (10) 3 exhaust silencers, complete in place;
- (11) 3 A.C. generators, complete in place, inc. field rheostats & accessories;
- (12) 3 exciters, complete in place, inc. rheostats;
- (13) 3 voltage regulators of quick-acting rheostatic type, complete in place;
- (14) 1 motor driven starting air compressor, complete in place;
- (15) 3 starting air receivers of 50 cu ft capacity each, working pressure 150 lbs. per sq. in., complete inc. accessories.

Worthington Corp., at \$192,663.85 submitted second low bid. \* 25

## Capital City Title Company

\*  
JAMES E. BANCROFT  
Manager

801 J Street  
Sacramento : California

### CONTRACT AWARDED

LONG BEACH, Cal.—Steel Oil Derrick Co., Ltd., 1156 Subway Terminal Bldg., Los Angeles, at \$10,000, has been awarded the contract by the Superior Oil Co. for constructing a steel oil derrick at Lots 60, 61, 66 and 67, Tr. 1960, No. 18 Amor Place, Long Beach.

### BIDS OPENED

SANTA CRUZ and San Mateo Cos. Cal.—Rock and Gravel Trucking Co., 4605 El Centro Ave., Oakland, at \$6.90 per hour submitted low bid to the State Department of Public Works, Division of Highways, at the office of the District Engineer, Jno. H. Skeggs, Room 211, State Bldg., San Francisco, for the rental for 800 hours of the 1-cy. capacity crawler type power shovel for use in Santa Cruz and San Mateo Counties.

Total bids follow: Per hr.  
 Rock & Gravel Trucking Co. 4605 El Centro Ave., Oakland, \$6.90  
 L. C. Smith, San Mateo, 7.00  
 J. P. Breen, Sacramento, 7.20  
 Granfield, Farrar & Carlin, San Francisco, 8.45  
 Campbell Bros., San Francisco, 9.70

### BIDS OPENED

SANTA CRUZ and SAN MATEO COS., Calif.—Fred A. Lance, 48 Atlas Ave., San Jose, at \$3.88 per hour, submitted low bid to the State Dept. of Public Works, Division of Highways, at the office of the District Engineer, Jno. H. Skeggs, Room 211, State Bldg., San Francisco, for rental for 1200 hours of one 1-cy. crawler type power shovel, for use in Santa Cruz and San Mateo Counties.

Total bids follow: Per Hr.  
 Fred A. Lance, 48 Atlas Ave., San Jose, \$3.88  
 D. C. Kemp, Bernbridge, 4.25  
 Rock & Gravel Trucking Co., Oakland, 4.40  
 A. D. Robinson, Healdsburg, 4.50  
 Manuel F. Cunha, Half Moon Bay, 5.00  
 M. S. Saporetti, San Anselmo, 5.00  
 J. P. Breen, Sacramento, 5.00  
 L. C. Smith, San Mateo, 5.43  
 W. K. Walker, San Francisco, 5.85  
 Crane & Cox, Healdsburg, 6.00  
 E. Barbettini, San Francisco, 6.00  
 Johnson & Helson, San Anselmo, 6.25  
 Oilfields Trucking Co., Bakersfield, 6.50  
 J. Henry Harris, Berkeley, 6.70  
 Gillespie Bros. & Gates, Inc., West Los Angeles, 7.50

### BIDS OPENED

BOULDER CANYON PROJECT.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 988-D, for furnishing steel cable racks and supports for Boulder power plant, Boulder Canyon Proj.:

Kohl & Vick Iron Works, Chicago: \$6,376 at 93,600 lbs.; 1/2% discount; fob Chicago.  
 Spueck Iron & Foundry Co., St. Louis, Mo.: \$5,715; wt. 96,900 lbs.; net; fob St. Louis.  
 Pennsylvania Iron and Steel Co., Los Angeles: \$5,921; wt. 96,000; 1/2%; fob Los Angeles.  
 Mississippi Valley Struct. Steel Co., St. Louis: \$5,993; wt. 93,000 lbs.; net; fob St. Louis.  
 Minneapolis-Moline Power Implement Co., Minneapolis: \$6,310; wt. 93,000; net; fob Minneapolis.  
 Milwaukee-Moline Power Implement Co., Minneapolis: \$6,310; wt. 93,000 lbs.; net; fob Minneapolis.  
 Milwaukee Bridge Co., Milwaukee, Wis.: \$5,374; wt. 91,100 lb.; net; fob Milwaukee.  
 The Midwest Steel & Iron Works Co., Denver: \$5,882; wt. 93,900 lbs.; 1/2%; fob Boulder City, Nev.  
 Bethlehem Fabricators, Inc., Beth-

lehem, Pa.: \$12,384; wt. 99,000 lbs.; net; fob Boulder City.

Apex Steel Corp. Ltd., Los Angeles: \$8,534.50; wt. 94,500 lbs.; 1/2%; fob Los Angeles.

Lakeside Bridge & Steel Co., Milwaukee: \$6,000; wt. 92,800 lbs.; net; fob Milwaukee.

Lehigh Structural Steel Co., New York: \$5,340; wt. 96,500 lbs.; net; fob Allentown, Pa.

Hunter Steel Co., Pittsburgh, Pa.: \$10,440; wt. 96,000 lbs.; net; fob Neville Island, Pa.

St. Louis Structural Steel Co., East St. Louis: \$10,455; wt. 93,300 lbs.; 1/2%; fob East St. Louis.

Arthur J. O'Leary & Son Co., Chicago: \$6,450; wt. 95,000; 1/2%; fob Chicago.

Worden-Allen Co., Milwaukee: \$5,388; wt. 93,600 lbs.; net; fob Milwaukee.

Duffin Iron Co., Chicago: \$5,998; wt. 94,000 lbs.; net; fob Chicago.

Virginia Bridge Co., Roanoke, Va.: \$7,536; wt. 94,200; net; fob Birmingham, Ala.

Berkeley Steel Const. Co., Berkeley: \$7,290; wt. 97,000; 1/2%; fob Berkeley.

California Steel Products Co., San Francisco: \$6,494; wt. 95,000 pounds; net; fob San Francisco.

John W. Beam, Denver: \$5,065; wt. 94,000 lbs.; 1/2%; fob Peotone, Ill.

Johnson City Foundry and Machine Co., Johnson City, Tenn.: \$10,235; wt. 106,000 lbs.; net; fob Johnson City.

Southwest Welding & Mfg. Co., Inc. Alhambra, Calif.: \$6,390; wt. 96,000 lbs.; 1/2%; fob Alhambra. \* 15

### BIDS OPENED

BONNEVILLE PROJ. Ore.—Star Iron & Steel Co., 435 E. 11th St., Tacoma, Wash., at \$29,600 for Bonneville, submitted only bid to the U. S. Engineer Office, Bonneville, under Bid No. 694-38-156, for designing, manufacturing and erecting an electrically actuated 10-ton rotary crane for use on the power house fish lifts at the Bonneville Project, Ore. Alternate "A" fob bidder's shipping point; Alternate "B" fob Bonneville.

### BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 21, 19 A. M., bids will be received the Metropolitan Water District, Los Angeles, for 60 helical-screw or heringbone - gear type lubricating oil pumps, together with electric driving motors, for use at Colorado River Aqueduct pumping plants; Spec. 225. Certified or cashier's check for \$1,000 must accompany bid.

- 1) 6 lubricating oil pumping units for Intake pumping plant, each having a capacity of 15-gpm at 260 ft. total head;
- 2) 7 lubricating oil pumping units for Intake pumping plant, each having a capacity of 15-gpm at 190 ft. total head;
- 3) 6 lubricating oil pumping units for Gene pumping plant, each having a capacity of 15-gpm at 260 ft. total head;
- 4) 7 lubricating oil pumping units for Gene pumping plant, each having a capacity of 15-gpm at 190 ft. total head;
- 5) 6 lubricating oil pumping units for Iron Mtn. pumping plant, each having a capacity of 15-gpm at 290 ft. total head;
- 6) 7 lubricating oil pumping units for Iron Mtn. pumping plant, each having a capacity of 15-gpm at 190 ft. total head;
- 7) 6 lubricating oil pumping plants for Eagle Mtn. pumping plant, each having a capacity of 15-gpm at 260 ft. total head;
- 8) 7 lubricating oil pumping units

for Eagle Mtn. pumping plant, each having a capacity of 15-gpm at 190 ft. total head;

- 9) 6 lubricating oil pumping units for Hayfield pumping plant, each having a capacity of 15-gpm at 290 ft. total head;
- 10) 7 lubricating oil pumping units for Hayfield pumping plant, each having a capacity of 15-gpm at 220 ft. total head.

### BIDS OPENED

SONOMA AND NAPA COS., Calif.—A. Soda & Son, 5231 Grove Street, Oakland, at \$4.45 per hour, submitted low bid to the Department of Highways, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental for 800 hours of one 1/2-cy. full swing, crawler type power shovel, weighing not less than 10 tons, f.o.b. Sonoma and Napa counties.

Total bids follow: Per Hr.  
 A. Soda & Son, 5231 Grove St., Oakland, \$4.45  
 A. D. Robinson, Healdsburg, 4.95  
 J. P. Breen, Sacramento, 5.00  
 Rock & Gravel Trucking Co., Oakland, 5.00  
 Harold Smith, St. Helena, 5.24  
 Albert Helwig, Sebastopol, 5.60  
 Portola Truck Service, S. F., 5.95  
 Johnson & Nelson, San Anselmo, 6.00  
 W. K. Walker, San Francisco, 6.25  
 Crane & Cox, Healdsburg, 6.50  
 Oilfields Trucking Co., Bakersfield, 6.50  
 J. Henry Harris, Berkeley, 6.70  
 E. Barbettini, S. F., 7.00  
 Gillespie Bros. & Gatis, Inc., West Los Angeles, 7.50  
 Shanmacc Co., San Francisco, 7.70

### CONTRACT AWARDED

LONG BEACH, Cal.—International Derrick & Equipment Co., 417 S. Hill St., at \$50,000, awarded contract by the General Petroleum Corp. for constructing five standard 122-ft. steel oil well derricks at Harbor Community Well No. 1, No. 6, No. 7, Blinn Well No. 1, and S. P. Well No. 2. The cost is \$10,000 each. 25

### CONTRACT AWARDED

LONG BEACH—Macco Const. Co., 815 Paramount Blvd., Clearwater, at \$40,000, awarded contract by General Petroleum Corp. for constructing 3 standard 122-ft. steel oil well derricks and one Parkersburg 122-foot derrick at Long Beach. The standard derricks are for Ford wells Nos. 34, 37 and 39, and the Parkersburg for Crannel 3 Community Well No. 3. The cost is \$10,000. 25

### CONTRACT AWARDED

LOS ANGELES—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at \$1,837.75 and \$2,225.25, has been awarded contract by the Metropolitan Water District, Los Angeles, for (1) plunger valve and (2) butterfly valve; Valve and Primer Corp., Chicago, has been awarded contract, at \$75, for vacuum relief valve, Spec. 239. \* 25

November 26, 1937.

### BIDS OPENED

SAN FRANCISCO—Paul Bourzac, 540 Fergar St., Fresno, at \$75 per month, net, submitted only bid to the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 818, 49 Fourth St., San Francisco, under Bid No. 4692, for the rental for one month of one concrete mixer, 2-sack capacity, equipped with elevating hopper and variable length shoots for placing concrete in forms; f.o.b. Fresno Municipal Airport, Fresno, Cal. \* 25

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 13, 2 P. M., bids will be received by the Metropolitan Water District, Los Angeles, for telephone exchange equipment for use at Colorado River Aqueduct pumping plants; Spec. 248. Certified or cashier's check for 10% must accompany bid.

The items are:

- (1) furnishing and installing telephone equipment for the Intake pumping plant, lump sum;
- (2) do for Gene pumping plant;
- (3) do for Iron Mtn. pumping plant;
- (4) do for Eagle Mt. pumping plant;
- (4) do for Hayfield pumping plant.

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 14, 10 A. M., bids will be received by the Metropolitan Water District, Los Angeles, for ten electric motor starters for use with circulating water pump motors at the Colorado River Aqueduct pumping plants; Spec. 257. Certified or cashier's check for \$1,000 must accompany bids.

The items are:

- SCHEDULE 1**
- (1) two 440-volt motor starters for Intake pumping plant;
- SCHEDULE 2**
- (2) two 2300-volt do for Gene pumping plant;
  - (3) two 2300-volt do for Iron Mtn. pumping plant;
  - (4) two 2300-volt do for Eagle Mtn pumping plant;
  - (5) two 2300-volt do for Hayfield pumping plant;

**BIDS REJECTED**

LOS ANGELES, Calif.—Metropolitan Water District, Los Angeles, has rejected all bids received for oil pressure sets for pump discharge valves; Spec. 242. \* 25

KERN CO., Calif.—Dec. 8, 5 p.m., bids will be received by the Board of Trustees of the Kernville Union School District, Hester M. Blain, Clerk, Kernville, for furnishing equipment, as follows:

- One only, No. 60 FSE Baffled "Wesix" Electric Room Heater.
- Five only, No. 60 FSE Double Baffled "Wesix" Electric Room Heaters.
- One only, No. 40 FSE Double Baffled "Wesix" Electric Room Heater.
- One only, No. 30 FSE Baffled "Wesix" Electric Room Heater.
- Four only, No. B20 FSE Baffled "Wesix" Electric Room Heaters.

One only, No. SS-32-40 Thirty gallon "Wesix" Automatic Electric Storage Type Water Heater.

Plans and specifications may be obtained from the above office. \* 25

**BIDS OPENED**

SAN LUIS OBISPO. — Following submitted bids to the State Purchasing Agent, Sacramento, under Quot. 24448, Ref. 3375, for furnishing a grader, i.o.b. One Lull Onispu Spreaders-Weils Mchy. Co. — Warco Model 33, \$4415; turn-in, \$400; net, \$4018; deliv 8 da; disc, \$100 10 da. Knox-Hale Mchy. Co. — Austin-Western 77 Jr. \$4575 40; turn-in, \$861.50; net, \$3713.90; deliv 20 da; 2% 30 da.

J. J. Adams Co.—Adams 301, \$4, 376.95; 10-ft oil mix mouldboard, add \$15.45; wide front axle, add \$55.25; turn-in, \$700; net, \$3667.95; 21 days; 2% 30 da.

E. C. Livingston Co.—Allis-Chalmers 42 Speed Patrol, \$4414.20; wide axle, add \$25; turn-in, \$1600; net, \$3314.20; 10 da; no disc.

Weaver-Rye Tractor Co.—Caterpillar No 30 gas Auto Patrol, \$4425.55; turn-in, \$1283.20; net, \$3142.35. Alternate wide front axle, same model, \$4455.25; turn-in, \$4253.20; net, \$3, 172.05; deliv 3 wks; disc \$50 30 da.

Smith Booth Usher Co. — Gallion, tandem drive, \$4360; turn-in, \$1065; net, \$3295; deliv 15 da to 18 da; 2% 30 da. \* 25

**CONTRACT AWARDED**

PIOCHE, Lincoln Co., Nev.—Austin Western Road Machinery Co., 435 Brannan St., San Francisco, at \$5,971 (Model "99"), was awarded contract by the Lincoln County Board of County Commissioners, Sarah Geneva Ross, Clerk, Court House, Pioche, Nevada, for furnishing one heavy duty motor grader with gas motor having 53 or more h.p., equipped with winter cab, scarifier, starter and lights.

Total bids follow:

Austin Western Road Machinery Co., 435 Brannan St., San Francisco —\$5,971, Model "99"; \$6,921, Diesel.

James Cashman — \$4,969.55, Caterpillar; \$5,636.92, Diesel.

O. C. Bell—\$4,929, Adams No. 50; \$5,220, Adams Diesel No. 51.

Allis-Chalmers—\$5,128.24, Model No. 51; 1st preemptory, \$3,308.55; 2nd, \$5,701.35; Diesel, \$5,895.24. \* 25

**BIDS OPENED**

SAN FRANCISCO.—Following submitted bids to the U. S. Treasury Department, J. W. Knox, Procurement Office, Room 518, 49 Fourth St., San Francisco, under Bid No. 4692, for the rental of 169 hours of one flat rack truck not less than 1 1/2-ton capacity, i.o.b. Warehouse, Fresno County Fairgrounds, Fresno.

Total bids follow:

Portola Truck Service, San Francisco—\$9,595 per hour, net.

Lerer Bros, San Francisco—\$0.60 per hour, 37 20 days.

Evans Auto & Truck Rental Co., San Francisco—\$0.55 per hour, net.

**CONTRACT AWARDED**

MODESTO Stanislaus Co., Cal.—Pattichetti & Carstensen, at \$12,642.70, submitted only bid and was awarded contract by the Modesto City Sch. District, E. D. Abbott, Secretary, Capitol School Bldg., Modesto, for the purchase of three school buses.

**BIDS WANTED**

SAN DIEGO, Cal.—Until Dec. 9, 11 A. M., bids will be received by F. M. Lockwood, city purchasing agent, for rental of dredge and dredging equipment for one year. \* 25

**BIDS OPENED**

OAKLAND, Cal.—Moore Machinery Co., 530 Fifth St., San Francisco, at \$152,000 net, submitted low bid to the East Bay Municipal Utility District, John Kimball, secretary, 512 16th St., Oakland, under Proj. 939 for furnishing one 12-inch head bolt threading machine.

Harrison, Richard and McInnis Co., San Francisco, at \$192,000 net, submitted only other bid. \* 25

**29—STREETS AND HIGHWAYS**

**BIDS WANTED**

PHOENIX, Maricopa Co., Ariz.—Until Dec. 7, 30 days, bids will be received by Phoenix city commission for paving certain streets of Elwood Ave. and Thompson Ave. between 13th and 15th streets, as follows: (1) 12,000 sq. yds. 6-in. aggregate concrete under base; (2) 12,000 sq. yds. grading under base; (3) 1,670 sq. yds. grading under concrete; (4) 1,870 sq. yds. 6-in. cement concrete pave.

Work involves:

- (1) 12,000 sq. yds. 6-in. cement concrete under base;
- (2) 12,000 sq. yds. 6-in. aggregate concrete under base;
- (3) 1,670 sq. yds. grading under concrete;
- (4) 1,870 sq. yds. 6-in. cement concrete pave.

- (5) 1,870 sq. yds. grading under concrete pave;
- (6) 8,020 lf. combined curb and gutter;
- (7) 610 lf. valley gutter;
- (8) 125 lf. single curb;
- (9) 3,670 lf. 8-in. plain concrete pipe;
- (10) 3,590 lf. 10-in. do.;
- (11) 670 lf. 12-in. do.;
- (12) 19 each, manholes;
- (13) 12 each, gutter inlets;
- (14) 3 each, junction boxes;
- (15) 2 each, monument covers;
- (16) 7 each, adjusting manhole covers. \* 29

**BIDS OPENED**

PHOENIX, Maricopa Co., Ariz.—Daley Corporation, 4430 Broadway St., San Diego, at \$33,496, submitted low bid to the Phoenix City Commission for paving Laurel Avenue from Culvert Street to the alley south; McDowell Road from 15th St. to 3rd St.; Lynwood St. from Oak Ave. to 15th Ave.; Oak, 16th, 15th, between McDowell Road and alley south of Culvert. Est. Cost, \$123, 154.33.

Other bidders were:

Twenty Hall Company, \$56,768.20  
Phoenix Temp Stone, \$9,229.70  
Packard Contracting Co., 99,725.08

**BIDS OPENED**

PHOENIX, Maricopa Co., Arizona —As previously reported, Daley Corporation, 4430 Broadway Street, San Diego, at \$83,496.50 submitted low bid to the Phoenix City Commission for paving Laurel Avenue from Culvert Street to the alley south; McDowell Road from 15th St. to Third St.; Lynwood St. from Oak Ave. to 15th Ave.; Oak, 16th, 15th, between McDowell Road and alley south of Culvert. Est. cost, \$123,154.33.

Other bidders were:

W. E. Hall Company \$56,768.20  
Phoenix-Tempe Stone Co. 99,239.70  
Packard Contracting Co. 99,725.08

**BIDS OPENED**

PHOENIX, Maricopa Co., Ariz.—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$25,722.25, (using cement concrete, Alt. 1), submitted the low bid for improving portions of Third, Lewis, West Vernon Ave., and Wilshire Drive, in accordance with specifications and plans prepared by Jas. Girard, city engineer. The same firm also submitted the low bid in the plant mix, Alternate 2, at \$33,755.56.

The estimates were: Concrete, \$39, 241; plant mix, \$36,838.

The complete bids were:

Alternate No. 1, Concrete  
Arizona Sand & Rock Co., \$25,722.25.  
W. E. Hall Co., Phoenix, \$29,931.60.  
Daley Corp., San Diego, \$35,732.30.  
Phoenix-Tempe Stone Co., Phoenix, \$35,294.75.  
Lerer Bros., Phoenix, \$35,731.25.

Alternate No. 2, Plant Mix

Arizona Sand & Rock Co., \$33,755.66.  
W. E. Hall Co., \$39,987.  
Daley Corp., \$27,013.50.  
Tiffany Constr. Co., \$29,682.50.  
Phoenix - Tempe Stone Co., \$30, 791.50. \* 29

November 26, 1937.

**CONTRACT AWARDED**

TEMPE, Pinal Co., Ariz.—White & Miller, P. O. Box 2350, Tucson, at \$97,261.85, submitted low bid to the Tucson City Council for street improvement on First Avenue and Tyndall Avenue District Paving Improvement No. 1, Pinal Co., Arizona, under D. Plans and specifications are furnished by Ge. W. Seelye, City Engineer. Work involves: (1) 80,000 sq. yd. 3-in. asphalt pavement; (2) 100,000 sq. yd. 3-in. asphalt pavement; (3) 100,000 sq. yd. 3-in. asphalt pavement.

- (2) 33,251 lf. 14-in. cement concrete curb;
- (3) 88,277 sq. yds. subgrade;
- (4) 40,596 sq. yds. sidewalk grade;
- (5) 4,320 c.y. grading;
- (6) 1,274 ft. 4-in. C I house concrete sewers;
- (7) 546 c.y. trench excavation;
- (8) 17 sewer manhole tops reset;
- (9) 1 flush tank top reset;
- (10) 10 lamphole tops reset;
- (11) 10 survey monuments new;
- (12) 6 survey monuments reset;
- (13) 2,126 sq. ft. cement concrete walk removed;
- (14) 947 sq. ft. cement concrete walk;
- (15) 931 ft. cement concrete curb removed;
- (16) 180 sq. ft. cement concrete gutters removed;
- (17) 24 sq. yds. existing paving removed;
- (18) 5,820 ft. 3/4-in. copper pipe water services;
- (19) 241 1/2-in. curb stops;
- (20) 241 3/4-in. copper pipes;
- (21) 580 ft. 1-in. copper pipe water services;
- (22) 24 1-in. curb stops;
- (23) 24 1-in. corp stops;
- (24) 54 ft. 1 1/2-in. copper pipe water services;
- (25) 4 1 1/2-in. curb stops;
- (26) 4 1 1/2-in. corp stops;
- (27) 30 ft. 2-in. copper pipe water services;
- (28) 1 2-in. curb stop;
- (29) 1 2-in. corp stop;
- (30) 70 sq. ft. concrete driveway removed;
- (31) 20 sq. ft. cement concrete driveway;
- (32) 3 ft. 8-in. x 36-in. concrete wall removed;
- (33) 51,583 ft. 5-in. x 12-in. cement concrete gutters;
- (34) 5,212 sq. ft. 5-in. x 24-in. cement concrete val. gutters;
- (35) 402 sq. yds. repaving;
- (36) 1 storm drain manhole top reset;
- (37) 1 storm drain manhole removed;
- (38) 56 ft. 10-in. corr. iron pipe removed;
- (39) 14 catch basins removed;
- (40) 8 cul. openings plugged;
- (41) 4 catch basins (type A) new;
- (42) 4 catch basins (type B) new;
- (43) 2 catch basins (type C) new;
- (44) 3 catch basins (type D) new;
- (45) 75 ft. 24-in. reinf. concr. pipe;
- (46) 47 cu. ft. cement concr. wall;
- (47) 216 sq. ft. 5-in. special gutter.

Total bids follow:

(A) White & Miller, P. O. Box 2350, Tucson—\$106,261.38.

(B) Tanner Constr. Co., Phoenix—\$112,435.64.

(C) Oswald Bros., Los Angeles, Cal.—\$116,113.57.

(D) Phoenix-Tempie Stone Co., Phoenix—\$119,717.8.

(E) V. R. Dennis Constr. Co., San Diego—\$123,525.40.

Unit prices follow:

(A)	(B)	(C)	(D)	(E)
(1) \$ 0.52	\$ 0.60	\$ 0.70	\$ 0.51	\$ 0.80
(2) .55	.56	.50	.48	.55
(3) .17	.14	.15	.12	.11
(4) .19	.14	.12	.10	.18
(5) .60	.50	.70	.85	.80
(6) .80	.90	.70	.80	.80
(7) 2.40	2.75	2.60	1.50	2.00
(8) 10.00	10.00	15.00	10.00	10.00
(9) 19.00	20.00	15.00	10.00	10.00
(10) 10.00	5.00	10.00	10.00	10.00
(11) 12.50	10.00	15.00	15.00	15.00
(12) 8.50	7.00	10.00	10.00	10.00
(13) .14	.50	.10	.12	.15
(14) .30	.22	.20	.28	.30
(15) .14	.12	.20	.14	.15
(16) .14	.12	.12	.14	.30
(17) .40	.40	.40	.40	.40
(18) .66	.65	1.25	.50	.75
(19) 3.50	3.20	3.90	2.50	2.50
(20) 4.00	4.00	3.00	2.50	2.50
(21) 7.2	7.0	8.0	7.0	8.0
(22) 5.00	5.00	4.00	5.00	4.50

(23)	5.00	5.00	4.00	5.00	4.50
(24)	.58	.90	1.00	1.60	1.00
(25)	10.50	10.00	10.00	18.00	10.00
(26)	9.00	10.00	10.00	13.00	10.00
(27)	1.20	1.10	1.50	1.50	1.25
(28)	17.00	16.00	12.00	17.00	18.00
(29)	13.00	15.00	12.00	17.00	18.00
(30)	.14	.15	.15	.15	.15
(31)	.34	.30	.25	.45	.30
(32)	1.50	1.50	2.00	1.00	1.00
(33)	.32	.33	.25	.28	.25
(34)	.32	.33	.25	.30	.25
(35)	.60	.60	1.50	.80	.50
(36)	30.00	15.00	5.00	100.00	10.00
(37)	20.00	40.00	50.00	100.00	10.00
(38)	.30	1.00	1.00	1.00	1.00
(39)	30.00	25.00	50.00	20.00	20.00
(40)	14.00	10.00	10.00	2.00	10.00
(41)	85.00	50.00	100.00	35.00	60.00
(42)	8.50	30.00	100.00	75.00	45.00
(43)	170.00	100.00	150.00	100.00	75.00
(44)	170.00	90.00	150.00	100.00	75.00
(45)	7.00	6.00	5.00	5.00	5.00
(46)	1.40	1.00	2.50	2.00	1.00
(47)	.35	.40	.30	.75	.40

## BIDS OPENED

LEWIS AND PIERCE COS., Wash. The Mirene Co., Portland, Ore., at \$13,423.80, submitted low bid to the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 315 New Post Office Bldg., Portland, Ore., for constructing or improving 13.691 mi. highway, Mt. Rainier National Park, East Side Highway Project 5-BD, Surfacing and Slope Stabilization and 5-A-B-C-D Bituminous Surface Treatment, National Park Road Project, Counties of Lewis and Pierce, Wash. Complete bids follow:

The Mirene Co., Portland, Ore.—\$13,423.80.

Saxton, Looney & Risley, Portland—\$15,903.20.

R. O. Dall and Warren Bros., Inc., Portland—\$116,059.40.

H. G. Johnson, Portland—\$119,887.70.

Sam Orino, Bonneville—\$126,703.40.

A. C. Greenwood Co., Inc., Portland—\$128,672.80.

L. Romano Engrg. Corp., Seattle—\$178,855.50.

Unit prices on file at office of the Daily Pacific Builder, 465 Tenth St., San Francisco. \* 29

## CONTRACT AWARDED

TULARE COUNTY, Calif.—N. M. Ball Sons, 852 Carmel Ave., Albany, at \$81,144 awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on crusher run base 3 1/2 miles between 18 miles west of Merryman and Yokohama, Tulare Co. \* 29

## BIDS WANTED

LONG BEACH, Cal.—Until Dec. 8, 19 A. M. bids will be received by R. M. Dorton, City Manager, 204 City Hall, Long Beach, for improving the State Street Bridge between Gale Avenue and San Francisco Ave., with asphaltic concrete resurfacing, in accordance with Spec. R-1009, on file at the office of J. W. B. Blackman, City Engineer-Director of Public Service, from whom copies may be obtained upon deposit of \$2. Certified check or bond for 10% must accompany each proposal. \* 29

## LATE BID

TULUMINE AND MARIPOSA COS., Calif.—The bid of the Berghs Rock & Gravel Co., San Bernardino, in the amount of \$153,997.75, was received late due to an error in mailing by the U. S. Bureau of Public Center, Federal Office Building, Civic Center, for 10.538 miles surfacing on Sections A2, A3 and A4 of Trk. 3, Big Oak Flat Road, and a portion of Section A1, of Route 4, Tioga Road, Yosemite National Park.

Union Paving Co., San Francisco, at \$124,370.15, was the low bidder.

## BIDS WANTED

NEVADA AND SIERRA COS., Calif.—Until December 22, 2 p.m., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with plant-mixed surfacing on crusher run base 6.8 mi. between Hirschdale and the Nevada State Line.

Work involves:

- (1) Clearing and grubbing;
  - (2) 4,000 M. gals. water;
  - (3) 127,000 c.y. roadway excavation, without classification;
  - (4) 2,300 c.y. struc. excav.;
  - (5) 800 c.y. ditch and channel excavation;
  - (6) 535,000 sta. yds. overhaul;
  - (7) 50 c.y. exist. rubble masonry strucs. removed and disposed of;
  - (8) 200 sta. finishing roadway;
  - (9) 8,000 c.y. salvaged surf.;
  - (10) 23,500 tons crusher run base;
  - (11) 132 tons liq. ash. SC-2, prime coat;
  - (12) 550 tons sand, prime coat;
  - (13) 20,800 tons min. aggreg. plant-mix surf.;
  - (14) 130 tons liq. ash. ROMC-4, ROMC-4 or ROMC-5, plant-mix surf.;
  - (15) 89 tons liq. ash. ROMC-3, ROMC-4 or ROMC-5, seal coat;
  - (16) 510 tons stone screenings, seal coat;
  - (17) 2,600 lbs. bar reinf. steel;
  - (18) 44 c.y. class A portland cement conc. strucs.;
  - (19) 15 c.y. class A portland cement conc. gutters;
  - (20) 410 c.y. rubble masonry;
  - (21) 140 c.y. dry rubble;
  - (22) 750 lf. masonry parapet;
  - (23) 90 lf. 8-in. CMP;
  - (24) 46 lf. 12-in. CMP;
  - (25) 520 lf. 18-in. CMP;
  - (26) 260 lf. 24-in. CMP;
  - (27) 20 lf. 30-in. CMP;
  - (28) 70 lf. 36-in. CMP;
  - (29) 1,240 lf. 8-in. perf. metal pipe underdrains;
  - (30) 270 c.y. rock filling mat.;
  - (31) 70 lf. exist. CMP removed, cleaned and relaid;
  - (32) 40 lf. exist. CMP removed, cleaned and salvaged;
  - (33) 1 each, spillway assemblies;
  - (34) 160 lf. laminated guard railing;
  - (35) 300 lf. special guard railing;
  - (36) 3,750 lf. existing guard railing moved and reset;
  - (37) 80 each, culvert markers;
  - (38) 135 each, guide posts;
  - (39) 75 each, culvert markers and guide posts removed and reset;
  - (40) 160 each, monuments.
- Plans and specifications may be obtained from the above office. \* 29

## BIDS WANTED

SACRAMENTO, Cal.—Until Dec. 23 P. M. bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Bid No. 1105-38-125, for enlarging and raising to grade approximately 4000 feet of the existing north levee of Yankee Slough, easterly from Western Pacific Railroad.

Work involves:

- (1) 23,100 cu. levee embankment, in place;
- (2) 1 c.y. Class A concrete, in place
- (3) 40 lbs. reinforcing steel;
- (4) 106 ft. 24-inch diameter No. 12 gauge corrugated iron pipe with necessary 24-in. dia. hand couplers, in place;
- (5) 1 Calco No. 100 aut. mat. drainage gate, 24-in. dia. or equal, in place;
- (6) 2 corrugated iron cutoff sheets to fit 24-in. diameter corrugated iron pipe, in place;

(7) 1 pipe and gate, 24-in. diameter, remove and waste.  
Plans and specifications may be obtained from the above office. \* 30

**BIDS WANTED**

**LOS ANGELES, Calif.—Until Dec. 14, 2 P. M.** bids will be received by the Los Angeles County Supervisors for the improvement of Santa Fe Ave. from Firestone Blvd. to Southern Ave., a total distance of 1150 ft. Cash Contract No. 505.

- Work involves:
- (1) 1,054 cu. excav. (inc. shaping);
  - (2) 45,900 sq. ft. 6-in. asph. concrete pavement;
  - (3) 34,150 sq. ft. 1½-in. pre-mix pave.
  - (4) 177 lf. 6x9x15-in. cement concrete curb;
  - (5) 152 lf. 6x10x18-in. cement conc. curb;
  - (6) 708 sq. ft. 3-in. cem. conc. walk;
  - (7) 2,446 sq. ft. 6-in. cem. conc. gutter
  - (8) 425 sq. ft. 8-in. do;
  - (9) 6 lf. curb armor.

Geo. W. Jones, County Road Commissioner; Mamie E. Beatty, Clerk of the Board. \* 29

**BIDS WANTED**

**COCHISE COUNTY, Ariz.—Until Dec. 8, 10 A. M.** bids will be received by the Arizona State Highway Commission, Phoenix, for highway improvement on the Benson-Steins Pass Highway FA 130-A (1958) AFE 8602. The work, which is to begin at Wilcox and is to extend northeasterly about 6 miles, consists of grading, draining, aggregate base course, and asphaltic surface treatment, and is to be completed on or before July 31, 1938. The items are:

- (1) 2,200 c.y. rdwy. excav.;
- (2) 2,900 c.y. drainage excav.;
- (3) 1,400 cu. y. struc. excav.;
- (4) 74,900 cu. y. imported borrow, CIP
- (5) 23,100 cu. y. imported borrow cap-stone (CIP).
- (6) 13,500 tons agg. base course, CIP
- (7) 2,000 M. gals. sprinkling;
- (8) 900 hours rolling;
- (9) 756 cu. y. Class A concrete;
- (10) 80,200 lbs. reinf. steel;
- (11) 1,922 lf. CMP (4 sizes);
- (12) 62,400 lf. line fence;
- (13) 97,600 gals. road oil (5C-2);
- (14) 470 cu. y. blotter material.

Plans and specifications may be obtained from the office of Howard S. Reed, State Highway Engineer. Certified or cashier's check for 5% must accompany each proposal. \* 29

**BIDS WANTED**

**ARCADIA, Los Angeles Co., Cal.—Until Dec. 7, 7:30 P. M.** bids will be received by Arcadia city council for improvement of El Monte Road between Live Oak and a point 3400 ft. north. Work involves:

- (1) 12,000 cu. y. excavation;
  - (2) 213,000 sq. yds. premix;
  - (2a) 213,000 sq. yds. oil macadam paving;
  - (2b) 213,000 sq. yds. asph. conc. pave.
- Contract awarded to S. M. Milovich at \$12,945 has been rescinded.

**RECOMMENDED FOR AWARD**

**TULARE CO., Calif.—Independent Construction Co., Ltd., 46th Avenue and Clement St., Oakland, at \$106,397.50 has been recommended for award by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing bituminous treated surfacing (Class F) on 12,500 miles on Sec. A and a portion of Sec. B of R. 1, the General Highway, Sequoia National Park, Tulare County. \* 29**

**BIDS WANTED**

**SAN LUIS OBISPO CO., Calif.—Until December 14, 2:00 P. M.** bids will be received by the State Division of Highways, L. H. Gibson, Dis-

**KERN COUNTY—SEWER SYSTEM—(City)**

**TEHACHAPI, Kern Co., Cal.—Culjak & Zelko, 1358 S. Bonnie Beach Place, Los Angeles, at \$43,273.79, submitted low bid and were awarded contract by the town of Tehachapi, at the office of the city clerk, W. L. Woods, City Hall, for the construction of sanitary sewer system and disposal plant at Tehachapi, PWA Calif. 1624-DS, in accordance with plans and specifications prepared by the engineers, Koebig & Koebig, 821 Rowan Bldg., Los Angeles.**

- The items are:
- (1) 1590 ft. 6-in. cement pipe, stand strength, B&S type;
  - (2) 25,897 ft. 8-in. do;
  - (3) 625 ft. 10-in. do;
  - (4) 2317 ft. 12-in. do;
  - (5) 55 6x6-in. wye branches, only, inc caps;
  - (6) 752 8x6-in. do;
  - (7) 68 manholes;
  - (8) 14 lampholes;
  - (9) 210 ft. concrete cradle under RR crossing;

- (10) 192 ft. 10-in. C.I. pipe, inc. frame bents and footings;
  - (11) one Imhoff tank complete, inc. pipe, fittings and valves in and around tank to sludge beds, trickling filter, dosing tank and effluent basin;
  - (12) 2 sludge beds complete;
  - (13) 1 trickling filter complete, inc. mechanical equipment;
  - (14) 1 dosing tank complete, do;
  - (15) 1 effluent basin, complete.
- Total bids follow:
- (A) Culjak & Zelko—\$43,273.79.
  - (B) Bebek & Brkch—\$44,557.52.
  - (C) Artukovich Bros—\$46,168.48.
  - (D) A. E. Downer—\$47,219.86.
  - (E) Sanitary Constr. & Engrg. Co.—\$47,263.56.
  - (F) V. C. K. Constr. Co.—\$47,874.52.
  - (G) M. G. Torson Constr. Co.—\$49,165.96.
  - (H) E. L. Fleming and B. D. Zaich—\$49,810.88.
  - (I) Contracting Engineers Co.—\$54,152.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$ 0.61	\$ 0.65	\$ 0.70	\$ 0.62	\$ 0.70	\$ 0.63	\$ 0.72	\$ 0.85	\$ 0.70
(2)	74	74	77	74	70	82	74	76	80
(3)	75	81	85	82	142	90	84	94	100
(4)	100	97	137	104	174	109	164	188	150
(5)	67	1.00	.75	.67	2.10	.67	.81	.60	1.50
(6)	103	1.00	1.00	1.00	1.24	.70	1.25	.85	2.50
(7)	64.00	60.00	70.00	75.00	69.00	70.00	70.00	85.00	80.00
(8)	25.00	25.00	15.00	10.00	30.00	25.00	22.00	20.00	30.00
(9)	1.00	.75	.60	3.50	2.00	2.00	2.15	2.00	2.00
(10)	3.85	2.50	5.00	5.00	5.80	3.50	4.68	6.00	6.00
(11)	5950.00	6500.00	6850.00	6742.00	6800.00	6850.00	6787.50	6850.00	7639.00
(12)	295.00	250.00	230.00	600.00	230.00	230.00	562.30	230.00	263.59
(13)	6800.00	6900.00	6000.00	7400.00	6900.00	7000.00	7996.39	7000.00	8684.00
(14)	200.00	940.00	840.00	600.00	840.00	840.00	343.75	840.00	827.00
(15)	455.00	800.00	550.00	600.00	550.00	550.00	881.25	550.00	1290.00

trict Engineer, 50 Higuera St., San Luis Obispo, for grading and surfacing with plant-mixed surfacing and crusher-run base and extending reinforced concrete culverts on about 0.2 mile at Harmony Creek and Pennington Creek, San Luis Obispo County.

Blueprints of the layout and the reinforced concrete culvert extensions may be purchased for \$1.50 per set, and may be obtained from the above office. \* 29

**BIDS WANTED**

**SAN FRANCISCO—Until Dec. 15, 2:30 p.m.** bids will be received by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Innes Ave. between Hawes and Ingalls; of the crossing of Innes and Ingalls; and of Ingalls St. between Innes and Jerrold Aves., by grading to official line and sub grade.

- The work involves:
- (1) 5300 cu. grading (excav.);
  - (2) 5000 cu. grading (embankment). Estimated cost, \$2,400.

Plans and specifications obtainable from City Engineer John J. Casso, Room 351 City Hall, upon cash deposit of \$10. \* 29

**BIDS WANTED**

**YAKIMA CO., Wash.—Until Dec. 8, 10 A. M.** bids will be received by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New York Bldg., Portland, Oregon, Post Office Bldg., for constructing or improving 1.295 miles of high way Randle-Yakima-East Side Highway Grading Project on R. 13 W. Washington National Forest, located within the Squawall National Forest, Yakima County, Wash.

- Work involves:
- (1) 15 acres clearing;

- (2) 10 acres grubbing;
- (3) 109,100 cu. y. unclass. excavation;
- (4) 60,000 sta. yds. special overhaul;
- (5) 2,000 cu. y. ml. special overhaul;
- (6) 1,395 cu. y. finishing earth grader road;
- (7) 870 lf. Type 1 bituminous coated corrugated sheet metal pipe.

Plans and specifications may be obtained from the above office upon deposit of \$10. \* 29

**30—RESERVOIRS & DAMS**

**RECOMMENDED FOR AWARD**

**SAN BENITO CO., Cal.—Ernest A. Hathway, 1102 S. 6th St., San Jose, at \$9,059.47, has been recommended for award by Pacheco Pass Water District Board of Directors, L. G. Barrett, Secretary, Bank of America Bldg., Hollister, for the construction of the Las Viras Dam and Canals, San Benito Co., Cal. \* 30**

**CONTRACT AWARDED**

**LOS ANGELES—R. H. Travers, 114 Rowan Bldg., Los Angeles, at \$18,260, was awarded contract by the Los Angeles County Supervisors for clearing and grubbing of San Gabriel Reservoir within designated limits, consisting of the removal and disposal of trees, stumps, brush, grass, etc. \* 30**

**BIDS WANTED**

**GRAND COTLED, Wash.—Until January 6, 2:00 P. M.** bids will be received by the Bureau of Reclamation, Denver, under Spec No. 760, for furnishing and erecting steel pen-ticks and pump inlet pipes for the Grand Coulee Dam, Columbia River, Wash.

Work involves furnishing three 72-inch diameter and eighteen 15-foot diameter pen-ticks and the erection of pen-tick in place in the dam, except the upstream section of each

penstock, and furnishing twelve 14-ft. diameter pump-inlet pipes and making of all field welds for the pipes after they have been placed in position.

Plans and specifications may be obtained from the above office. 30

November 30, 1937.

#### CONTRACT AWARDED

**SAN BENITO CO., Cal.**—Ernest A. Hathway, 1102 S. 6th St., San Jose, at \$9,059.17, awarded contract by Pacheco Pass Water District Board of Directors, L. G. Barrett, Secretary, Bank of America Bldg., Hollister, for the construction of the Las Vitoras Dam and Canals, San Benito Co., Cal. 30

#### TO ASK FOR BIDS

**SAN BENITO CO., Cal.**—The Pacheco Pass Water District will advertise for bids early next month for stripping Pacheco Creek dam site and for the construction of a new road around the east rim of the reservoir site. Est. cost, \$40,000. Harold Wood is the Supervising Field Engineer. 30

### 31—PIPE LINES & WELLS

#### BIDS WANTED

**COWLITZ COUNTY, Wash.**—Until December 14, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-38-193, for clearing, bank sloping, riprap revetment, replacing existing riprap, construction of toe piling, removal of a pile dike and rock reef in Lewis River, Diking Improvement Districts Nos. 5 and 11, Cowlitz County, Wash.

Work involves:

- (A) Diking Improvement Dist. No. 5, Columbia River Basin:  
 (1) one acre clearing for riprap;  
 (2) 18,407 c.y. bank sloping;  
 (3) 28,410 c.y. rock riprap revetment in place;  
 (4) 1,952 c.y. replacing existing rock riprap;  
 (5) 500 lf. toe piling, in place.  
 (B) Diking Improvement Dist. No. 11, Lewis River Basin:  
 (6) 9 acres clearing for riprap.  
 (7) 2,356 c.y. bank sloping;  
 (8) 53,158 c.y. rock riprap revetment in place;  
 (9) 400 c.y. replacing existing rock riprap;  
 (10) 450 lf. removal of pile dike;  
 (11) 1,520 c.y. removal of rock reef.  
 Plans and specifications may be obtained at the above office upon deposit of \$5.00. 31

#### BIDS WANTED

**SAN FRANCISCO**—Until Dec. 15, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 247, City Hall, under Spec. W. D. 199, for laying of an 8-in. cast iron main in 19th Avenue, Taraval to Wawona Streets, San Francisco.

Work involves:

- (1) 2000 lf. excavation and backfill for 8-in. pipe, trench 17-in. wide by 36-in. deep.  
 (2) 20 c.y. additional excavation and backfill.  
 (3) 30 sq. ft. additional pavement removed and replaced.  
 (4) 2000 lf. 8-in. bell and spigot cast iron pipe install.  
 (5) 1500 lf. fittings, gate valves, etc. in place.  
 (6) 350 lf. bell and spigot joints for pipe and fittings.  
 (7) 300 sq. ft. pavement.  
 Plans and specifications may be obtained at Room 605 S. F. Water Dept. Bldg., 425 Mason St., upon deposit of \$5.00. 31

### SAN FRANCISCO—Widening Second Street—(City)

**SAN FRANCISCO**—A. G. Raisch, 1 De Haro St., San Francisco, at \$4,506.80, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19092, for widening of Second Street, between Brannan and Townsend Streets, San Francisco. Estimated cost, \$4,945.

Work involves:

- (1) 8250 sq. ft. 8-in. class E 5-sack concrete pavement parking lane;  
 (2) 2500 sq. ft. basalts blocks removed and reset;  
 (3) 10 tons asphaltic concrete conform pavement and sidewalk;  
 (4) 150 lf. stone curb redressed and reset;  
 (5) 325 lf. new granite curb, tangent, in place;  
 (6) 40 lf. new granite curb, circular, in place;  
 (7) 1 brick catchbasin, complete;  
 (8) 3 brick catchbasins relocated and reconstructed;  
 (9) 15 lf. 10-in. V.C.P. culvert, in place;  
 (10) 1 street sign reset;

- (11) 1 low pressure fire hydrant moved;  
 (12) 2 high pressure fire hydrants moved;  
 (13) 1050 lbs. new cast iron pipe and specials;  
 (14) 170 lbs. lead;  
 (15) 12 c.y. excav. for high pressure pipe;  
 (16) 35 lbs. wrought iron bolts, nuts and washers;  
 (17) 1 fire alarm box relocated;  
 (18) 2400 sq. ft. two-course concrete sidewalk;  
 (19) 1160 lf. 1½-in. black conduit.

Total bids follow:

(A) A. G. Raisch, 1 De Haro St., San Francisco.....	\$4,506.80
(B) The Fay Impr. Co.....	4,940.30
(C) Eaton & Smith.....	5,621.95
(D) Chas. L. Harney.....	5,725.00
(E) Lowrie Paving Co.....	5,863.10
(F) Pacific Pavements, Ltd.....	6,167.20
(G) E. J. Treacy did not submit a total bid.	

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 0.24	\$ 0.269	\$ 0.30	\$ 0.33	\$ 0.30	\$ 0.26	\$ 0.338
(2)	.....	.08	1.43	.....	.12	.15	.15
(3)	.....	6.00	6.00	8.00	6.00	6.00	6.00
(4)	.....	1.25	.50	.95	.75	.60	70.00
(5)	.....	1.60	1.80	2.25	2.50	3.00	4.00
(6)	.....	2.60	2.40	2.90	4.00	4.00	1.80
(7)	.....	95.00	90.00	85.00	100.00	80.00	100.00
(8)	.....	95.00	90.00	62.00	30.00	40.00	40.00
(9)	.....	1.11	1.28	2.00	1.00	8.00	1.50
(10)	.....	6.00	2.50	12.50	5.00	10.00	5.00
(11)	.....	75.00	52.00	25.00	30.00	50.00	25.00
(12)	.....	30.00	55.00	50.00	50.00	50.00	75.00
(13)	.....	1.25	.14	.06	.06	.13	.22
(14)	.....	.09	.085	.06	.05	.08	.16
(15)	.....	1.50	1.50	3.75	3.00	3.00	4.00
(16)	.....	.15	50.00	.22	.10	.16	.22
(17)	.....	45.00	.15	200.00	50.00	50.00	75.00
(18)	.....	1.14	.44	.16	.17	.15	13.00
(19)	.....	.46	.....	.50	.45	.60	.55

### SAN FRANCISCO—Reconstruction Harriet Street—(City)

**SAN FRANCISCO**—Chas. L. Harney, 413 Call Bldg., San Francisco, at \$7,350.80, submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 19086, for the reconstruction of Harriet Street between Folsom and Harrison Streets, San Francisco. Estimated cost, \$9,100.00.

Work involves:

- (1) 2 brick manholes, using existing castings;  
 (2) 3 catchbasins reset or reconstructed;  
 (3) 1 brick catchbasin, complete;  
 (4) 20 lf. 10-in. V.C.P. culvert, in place;  
 (5) 250 lf. 8-in. V.C.P. sewers, in place;  
 (6) 525 lf. 12-in. V.C.P. sewer, in place;  
 (7) 20 12-in. x 8-in. V.C.P. wye branches, in place;  
 (8) 1125 lf. unarmored concrete curb;

- (9) 2000 c.y. fill;  
 (10) 14,900 sq. ft. asphaltic concrete rock sub-base pavement, consisting of a 6-in. compacted rock sub base, a 6-in. asphaltic concrete base, and a 2-in. asphaltic concrete wearing surface;  
 (11) 6 tons asphaltic concrete conform pavement;  
 (12) 185 sq. ft. 8-in. class E 5-sack concrete pavement parking lane;  
 (13) 100 sq. ft. two-course concrete sidewalk;  
 (14) 520 lf. 1½-in. black enameled conduit installed;  
 (15) 1 pull box, complete.

Total bids follow:

(A) Chas. L. Harney, 413 Call Bldg., S. F. ....	\$7,350.80
(B) A. G. Raisch .....	7,632.25
(C) Pacific Pave. Co., Ltd. ....	7,652.45
(D) The Fay Impr. Co. ....	7,674.55
(E) Lowrie Paving Co. ....	7,694.00
(F) Eaton & Smith .....	7,873.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$80.00	\$72.00	\$50.00	\$73.00	\$80.00	\$70.00
(2)	30.00	50.00	75.00	57.50	40.00	60.00
(3)	85.00	90.00	100.00	87.00	80.00	75.00
(4)	1.80	1.00	1.50	1.32	1.75	1.50
(5)	1.65	1.00	1.25	1.23	1.25	1.50
(6)	1.75	2.00	1.65	1.75	1.70	2.00
(7)	1.00	3.00	1.50	2.00	4.00	2.00
(8)	.36	.70	.48	.70	.80	.90
(9)	.50	.39	.50	.60	.50	.40
(10)	.24	.24	.24	2.39	.24	.25
(11)	7.00	7.00	6.00	5.00	6.00	5.00
(12)	.33	.35	.32	.30	.40	.30
(13)	.20	.17	.14	.18	.15	.15
(14)	.40	.46	.60	.49	.60	.50
(15)	20.00	12.00	35.00	14.50	20.00	20.00



LOS ANGELES—Edendale Water System—(City)

SAN FRANCISCO CO. PERMITS UNDER \$1000

LOS ANGELES, Calif.—Williams Brothers & Haas, Subway Terminal Bldg., 4624 Franklin Ave., \$189,473.06 submitted the apparent low bid to the Los Angeles Water & Power Purchasing Agent, 601 California Bldg., Los Angeles, for betterments to the Edendale Water System. PWA Docket No. Calif. 1929-R, Unit No. 7, Spec. X-99. The work involves:

(1) Lump sum for excav. trench, furnishing and installing one 36-in. x 36-in. x 36-in. enameled steel "Y" in Vine St., north of Franklin Ave., backfill over excavation, remove surplus dirt and other materials, and resurface over backfill;

(2) Lump sum for removing 12-in. pressure regulator valves and five 12-in. gate valves from and between the two concrete pits on the north side of Franklin Ave. at Vine St.; weld three ¾-in. steel plates on the 12-in. openings in the existing 36-in. steel main caused by removal of the gate valves and outlets; fill in and between both pits with earth and resurface over top; deliver five 12-in. gate valves and 1 pressure regulator valve to Edgemont St. Yard, etc.;

(3) Remove the existing 24-in. cast iron water main, and construct and install complete the 36-in. enameled steel water main in Franklin Ave., between enameled steel Y at Franklin and Vine St., to Sta. 4 plus 52.15 at Argyle Ave., and other work;

(3a) 4162 ft. excav.;  
(3b) 4162 ft. installation;  
(3c) 4162 ft. backfilling;  
(3d) 4162 ft. resurfacing;  
(3e) 4162 ft. transportation;  
(4) Remove existing 24-in. cast iron water main and install 36-inch enameled steel water main in Franklin Ave. from Sta. 4 plus 52.15 at Argyle Ave. to Sta. 52 plus 75.83 at Western Ave.;

(4a) 4824 ft. excavation;  
(4b) 4824 ft. installation;  
(4c) 4824 ft. backfilling;  
(4d) 4824 ft. resurfacing;  
(4e) 4824 ft. transportation;  
(5) Lump sum, install pipe connections and regulating valves, using salvaged material;

(6a) Lump sum for relin. concrete valve pit at Franklin and Kenmore Aves.;  
(6) Install 30-in. enameled steel water main in Kenmore Ave. and Edgemont St.;

(6a) 1738 ft. excavation;  
(6b) 1738 ft. installation;  
(6c) 1738 ft. backfilling;  
(6d) 1738 ft. resurfacing;  
(7) Install 24-in. cast iron water main as reclaimed from Franklin Ave. in Los Feliz Blvd.;

(7a) 4620 ft. excavation;  
(7b) 4620 ft. installation;  
(7c) 4620 ft. backfilling;  
(7d) 4620 ft. resurfacing;

(8) Remove from Rowena Avenue existing 16-in. cast iron water main and install in same trench the 24-in. salvaged and cleaned cast iron pipe main as reclaimed from Franklin Ave., etc.;

(8a) 1250 ft. excavation;  
(8b) 1250 ft. installation;  
(8c) 1250 ft. backfilling;  
(8d) 1250 ft. resurfacing;  
(8e) 1250 ft. transportation;

(9) Remove from Rowena Ave. existing 16-inch cast iron water main, install in same trench 24-in. enameled steel water main, and other work as per specifications;

(9a) 2640 ft. excavation;  
(9b) 2640 ft. installation;  
(9c) 2640 ft. backfilling;

(9d) 2640 ft. resurfacing;  
(9e) 2640 ft. transportation;  
(10) Remove the existing 6-in. cast iron water main in Griffith Park Blvd. and install in same trench the 12-in. cast iron water main from Rowena Ave. to Los Feliz Blvd.;

(10a) 1110 ft. excavation;  
(10b) 1110 ft. installation;  
(10c) 1110 ft. backfilling;  
(10d) 1110 ft. resurfacing;  
(10e) 1110 ft. transportation;  
(11) 150 tons rock and oil for temporarily resurfacing backfill with 1-in. surfacing at street intersections;  
(12) 15 c.y. concrete blocking for pipe line angles, valves, fittings.

Total bids follow:

- (A) Williams Bros. & Haas: \$189,473.06; start of contract period February 10; utilize department's sandblast and enameling plant; no  
(B) Gogo and Rados, \$222,167.32; 60 days; yes.  
(C) Lindgren and Swinerton, Inc.—\$28,620.50; Feb. 1  
(D) Emaco Concrete & Equipment Co.—\$210,673.00; 50 days; yes  
(E) Macco-Robertson Co.: \$264,220.82; Feb. 1; yes.

- ALTER dwelling, \$350; 431 Collingwood; owner, T. G. Gregory, 431 Collingwood.  
SIGN, electric, \$75; NE 18th and Dolores Sts.; owner, American Ice Cream, NE 18th and Dolores Sts.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.  
ALTER stores, \$300; 549 Kearny St.; owner, L. C. Babun Co., 423 Kearny St.; contractor, Phoenix-Simpson Co., 520 Sixth St.  
ALTER store, \$190; 3221 Mission St.; owner, Gittel Erstein, 3229 Mission St.  
ALTER dwelling, \$39; 2180 Green St.; owner, H. Landau, prem.; contractor, Royal Heating Co., 280 Minna St.  
ALTER store, \$50; 3407 Geary Blvd.; owner, F. E. Palmer, 569 Market St.

- (F) Radich & Brown—\$266,100; 45 days; yes.  
(G) Cass Const. Co.—\$284,543.15; 75 days; no.  
(H) Los Angeles Paving Co.—\$292,481.02; 45 days; no.  
(I) Marko Matick—\$304,977.03; 60 da.; yet.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	\$585.90	\$400.00	\$755.00	\$910.00	\$758.76	\$508.00	\$950.00	\$985.00	\$1164.00
(2)	602.00	400.00	475.00	615.00	520.00	628.00	410.00	511.70	340.00
(3a)	1.20	1.10	3.22	1.46	2.26	3.05	2.95	3.25	5.70
(3b)	9.83	13.12	9.96	12.43	13.13	11.25	13.20	13.60	13.60
(3c)	38	25	33	40	53	38.6	1.15	48	34
(3d)	1.41	1.10	1.44	2.03	2.14	1.25	2.25	1.57	1.90
(3e)	11	50	12	30	10	20	40	36	19
(4a)	1.48	1.48	3.17	1.80	2.99	3.05	3.10	4.94	5.38
(4b)	10.25	13.02	10.17	12.08	12.89	11.20	13.05	14.22	12.47
(4c)	38	25	59	40	76	38.6	90	54	34
(4d)	1.03	1.00	1.04	1.92	2.14	1.25	1.60	1.48	2.00
(4e)	11	50	12	30	15	20	35	25	14.7
(5a)	1100.00	200.00	780.00	2440.00	3509.18	600.00	2995.00	3267.00	1251.00
(5b)	671.00	800.00	875.00	600.00	82.00	1200.00	1350.00	702.00	1071.00
(6a)	9.98	1.29	2.23	9.2	1.21	2.61	1.15	1.77	1.77
(6b)	8.53	11.00	8.61	10.27	10.08	10.15	11.00	11.55	9.99
(6c)	32	25	46	35	31	38	85	42	34
(6d)	58	80	59	82	82	105	90	60	104
(6e)	92	60	210	87	93	2.85	130	107	1.18
(7a)	1.936	30	1.63	2.00	2.58	3.45	2.15	2.83	2.79
(7b)	26	25	26	30	31	37	75	30	34
(7c)	78	75	81	1.25	94	1.00	130	98	75
(7d)	1.05	50	2.23	1.38	1.07	2.90	2.40	1.75	1.64
(7e)	1.11	50	2.02	.97	2.65	3.45	1.85	2.54	1.850
(8a)	25	25	26	30	31	37	70	30	34
(8b)	87	65	82	137	1.59	1.00	1.80	1.02	1.10
(8c)	78	75	87	1.25	94	1.00	130	98	75
(8d)	1.05	50	2.23	1.37	1.07	2.90	2.40	1.75	1.64
(8e)	7.45	10.81	8.67	9.98	10.69	10.00	10.60	11.79	9.32
(9a)	25	25	33	39	31	37	70	42	34
(9b)	87	65	92	1.56	1.28	1.00	1.65	1.20	1.52
(9c)	13	40	14	20	10	15	17	13	11.6
(9d)	37	30	1.64	1.00	69	2.75	1.20	8.4	45
(9e)	47	30	1.39	74	2.31	3.40	1.10	2.53	3.6
(10a)	17	20	20	30	25	25	10	75	61
(10b)	71	50	72	80	66	70	135	66	88
(10c)	07	05	07	30	10	38	01	01	11
(10d)	4.67	4.25	5.50	7.00	6.00	3.75	5.00	9.00	1.50
(11)	11.00	30	25	20.00	25.00	22.00	13.65	24.00	8.35
(12a)	30	100	65	50	75	57	50	60	100
(12b)	35	100	58	50	70	55	35	60	100
(12c)	27	100	51	50	60	47	55	60	100
(12d)	27	100	45	50	50	46	35	60	100
(12e)	19	100	40	45	45	42	25	50	100
(12f)	18	100	35	45	45	35	20	40	100
(12g)	15	100	30	35	35	30	10	30	100
(12h)	15	100	25	30	30	25	10	20	100
(12i)	15	100	20	25	25	20	10	15	100
(12j)	15	100	15	20	20	15	10	10	100
(12k)	15	100	10	15	15	10	5	5	100
(12l)	15	100	5	10	10	5	5	5	100
(12m)	15	100	0	5	5	5	5	5	100
(12n)	15	100	0	5	5	5	5	5	100
(12o)	15	100	0	5	5	5	5	5	100
(12p)	15	100	0	5	5	5	5	5	100
(12q)	15	100	0	5	5	5	5	5	100
(12r)	15	100	0	5	5	5	5	5	100
(12s)	15	100	0	5	5	5	5	5	100
(12t)	15	100	0	5	5	5	5	5	100
(12u)	15	100	0	5	5	5	5	5	100
(12v)	15	100	0	5	5	5	5	5	100
(12w)	15	100	0	5	5	5	5	5	100
(12x)	15	100	0	5	5	5	5	5	100
(12y)	15	100	0	5	5	5	5	5	100
(12z)	15	100	0	5	5	5	5	5	100

SHASTA CO., Calif.—N. M. Ball Sons, 852 Carmel Ave., Albany, at \$163,558, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad and grading and paving with Portland cement concrete and crusher run base and road-mix surfacing about seventy-nine hundredths mile of roadway about one mile south of Redding, Shasta County.

Work involves:

- (1) 500 c.y. existing concrete abutments and wings removed and disposed of;
- (2) Existing steel superstructures removed and disposed of;
- (3) 1,250 c.y. exist. conc. pavement removed and disposed of;
- (4) 470 M. gallons water;
- (5) 48,000 c.y. rdwy. excav., unclass.
- (6) 6,500 c.y. struc. excav.;
- (7) 225 c.y. ditch and channel excavation;
- (8) 10,000 c.y. import. subgrade material;
- (9) 84,000 sta. yds. overhaul;
- (10) 14,400 sq. yds. subgrade for pavement;
- (11) 80 sta. finishing roadway;
- (12) 1,450 c.y. crusher run base;
- (13) 20 tons liq. asph., ROMC-3 or ROMC-4, prime coat;
- (14) 1,109 c.y. mineral agg., road-mix surf.;
- (15) 75 tons liq. asph., ROMC-3 or ROMC-4, road-mix surf.;
- (16) 400 sq. yds. asph. paint binder;
- (17) 13 tons liq. asph., ROMC-3 or ROMC-4, seal coat;
- (18) 95 c.y. sand, seal coat;
- (19) 2,881 c.y. Class A portland cement concrete pavement;
- (20) 5,320 each, pavement dowels;
- (21) 138,000 lbs. bar reinf. steel pave. and struc.;

- (22) 1,350 c.y. Class A portland cement concrete struc.;
  - (23) 365,000 lbs. struc. steel;
  - (24) 16,000 lbs. cast steel;
  - (25) 67,000 lbs. wrought iron plate;
  - (26) 7 each, stand. cast steel drop inlet frames and covers;
  - (27) 6 each, special do;
  - (28) 882 lf. 18-in. stand. reinf. conc. pipe;
  - (29) 1,515 lf. 24-in. do;
  - (30) 74 lf. 12-inch CMP;
  - (31) 218 lf. 18-inch CMP;
  - (32) 18 lf. 18-inch CMP siphon;
  - (33) 46 lf. 54-inch CMP;
  - (34) 1 each, 18-inch conc. and CMP joint;
  - (35) 1,630 lf. 8-in. perf. metal pipe;
  - (36) 250 c.y. rock filling material;
  - (37) 208 lf. existing pipe culverts, remove, clean and relay;
  - (38) 626 lf. existing pipe culverts, removed cleaned and salvaged;
  - (39) 484 c.y. of Class A portland cement concrete curbs, gutters & sidewalks;
  - (40) 8 each, culvert markers;
  - (41) 24 c.y. protective covering;
  - (42) 29 each, monuments;
  - (43) 3 lf. 16-inch galv. iron pipe;
  - (44) 75 lf. 3-in. stand. galv. pipe;
  - (45) 2,120 lf. 4-in. welded steel pipe;
  - (46) 2 each, cast steel drop inlet frames and covers, removed and salvaged;
  - (47) 1 lot misc. items of work.
- Total bids follow:
- (A) N. M. Ball Sons, 852 Carmel Ave., Albany—\$163,558.
  - (B) John Rocca, San Rafael, and Claude C. Wood, Stockton—\$164,069.53.
  - (C) Earle W. Heple, San Jose—\$164,330.55.
  - (D) C. W. Caletti & Co., San Rafael—\$174,249.25.
  - (E) Tonks & McEwen, Sacramento—\$177,314.
  - (F) A. Soda & Son, Oakland—\$191,699.55.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$ 5.00	\$ 3.00	\$ 4.00	\$ 2.70	\$ 2.50	\$ 4.00
(2)	1212.00	1200.00	500.00	1850.00	750.00	2500.00
(3)	1.75	2.00	2.00	2.30	2.50	2.00
(4)	1.40	1.00	1.00	1.00	.75	1.50
(5)	-.41	.33	.40	.36	.375	.45
(6)	1.00	1.25	.50	1.30	1.50	1.60
(7)	1.00	1.00	.50	1.30	1.00	1.55
(8)	.40	.50	.40	.50	.45	.85
(9)	.005	.01	.005	.0066	.005	.01
(10)	.10	.10	.12	.11	.08	.15
(11)	5.00	5.00	5.00	6.00	3.00	4.00
(12)	2.00	2.10	2.00	2.90	1.95	2.50
(13)	24.00	25.00	30.00	21.00	30.00	30.00
(14)	2.00	2.75	2.10	3.50	2.70	3.00
(15)	22.00	25.00	30.00	21.00	26.00	20.00
(16)	.02	.05	.15	.08	.10	.12
(17)	25.00	25.00	30.00	21.00	30.00	25.00
(18)	3.00	2.50	2.50	2.90	2.50	3.00
(19)	8.75	9.25	9.50	10.40	11.00	8.50
(20)	.20	.24	.24	.24	.22	.20
(21)	.052	.055	.055	.079	.054	.06
(22)	16.25	14.50	16.00	15.50	17.50	20.00
(23)	.083	.085	.085	.08	.089	.085
(24)	.16	.145	.16	.20	.20	.20
(25)	.10	.105	.105	.11	.11	.09
(26)	50.00	47.00	55.00	60.00	60.00	55.00
(27)	65.00	67.00	70.00	75.00	100.00	75.00
(28)	1.70	1.70	1.75	1.80	1.90	2.25
(29)	2.50	2.50	2.55	2.65	2.80	3.00
(30)	.10	.150	.10	.150	1.50	2.00
(31)	2.00	2.00	1.75	2.60	1.90	3.00
(32)	2.50	2.60	3.00	3.60	3.00	6.00
(33)	5.30	5.50	5.50	6.60	5.10	10.00
(34)	15.00	12.50	15.00	24.00	10.00	35.00
(35)	1.20	1.00	1.00	1.10	1.00	1.25
(36)	2.30	2.50	2.50	3.50	2.50	4.00
(37)	.10	1.25	1.00	2.40	1.25	2.00
(38)	.40	1.00	.75	1.20	1.00	.80
(39)	16.00	14.82	14.00	11.00	14.00	17.00
(40)	2.50	3.00	3.00	2.00	3.00	3.00
(41)	20.00	18.00	30.00	20.00	18.00	20.00
(42)	3.00	3.00	3.00	3.00	2.50	2.50
(43)	.30	2.20	.50	.50	.50	1.00
(44)	.70	1.50	1.50	1.00	1.00	2.00
(45)	.90	.65	.90	1.10	.90	1.25
(46)	5.00	10.00	5.00	20.00	5.00	20.00
(47)	1500.00	2000.00	1000.00	500.00	1500.00	4050.00

BIDS WANTED

SAN FRANCISCO.—Until Dec. 8, 3 p.m., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 162, for laying of 4, 6 and 8-inch cast iron mains in Geneva Terraces and Mt. Davidson Subdivision, San Francisco, Calif.

Work involves:

- (1) 3,175 lf. excav. and backfill for 8-in., 6-in. and 4-in. pipe, trench 17 inches wide by 36 inches deep;
  - (2) 100 c.y. additional excav. and backfill;
  - (3) No Item 3.
  - (4) (a) 120 lf. 8-in. bell and spigot cast iron pipe;
  - (b) 585 lf. 6-in. bell and spigot cast iron pipe;
  - (c) 1280 lf. 4-in. bell and spigot cast iron pipe;
  - (5) 5000 lbs. fittings, gate valves, etc., installed;
  - (6) 365 lf. bell and spigot joints for pipe and fittings;
  - (7) 150 sq. ft. repavement;
  - (8) 129 3/4-in. screw taps;
  - (9) 2900 lf. 3/4-in. copper service pipe.
- Plans and specifications may be obtained at Room 605, S. P. Water Dept. Bldg., 425 Mason St., San Francisco, upon the deposit of \$5.00. \* 31

BIDS WANTED

OCEANSIDE, San Diego Co., Cal.—Until Dec. 8, 7:30 P. M., bids will be received by Oceanside city clerk, John H. Landes, for furnishing bell and spigot C I pipe and fittings for trenchside, Oceanside. Items are:

- (1) 900 ft. 16-in. Class 100 C I pipe;
- (2) 2500 ft. Class 150 4-in. CI pipe;
- (3) one 16-in., 4-in. outlet all bell, Class D, C I tee;
- (4) six 4 in. bell and spigot bell outlet C I tees, Class D;
- (5) 10 4-in. CI gate valves.

Certified check for 5% must accompany bid. \* 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—VCK Const. Co., 5629 Via Corona, at \$13,480 submitted low bid and was awarded contract by Orange county supervisors, Santa Ana, for constructing the West St. unit of the Katella Storm Drain. The items are:

- (1) 2600 ft. 30-in. concrete pipe, complete in place;
- (2) 1850 ft. pipe and rock collecting laterals, complete in place;
- (3) one intake structure, complete in place;
- (4) one outlet structure, complete in place;
- (5) one manhole;
- (6) four unit inlets

Total bids were:

- (A) VCK Const. Co., \$13,480.00
- (B) Edward Green, 13,680.00
- (C) Dunmitt & Taylor, 14,077.50
- (D) S. M. Malovich, 14,610.00
- (E) G. Kernig, 14,871.00
- (F) Behek & Brich, 15,420.00
- (G) Artukovich Brothers, 16,322.50
- (H) Torson Const. Co., 16,615.50
- (I) Geo J. Bock Co., 17,070.00
- (J) Cujjak & Zelko, 17,566.00
- (K) A. L. Gabrielson, 17,832.00
- (L) Geo. Pickering, 18,740.84
- (M) Contracting Engineers, 23,850.00

CONTRACT AWARDED

SAN FRANCISCO.—M. J. Lynch, 1435 Church St., San Francisco, at \$2,927 was awarded contract by Department of Public Works, Room 251, City Hall, for the construction of a sewer in Diamond St. between Diamond and Castro Streets. Estimated cost, \$3,072. \* 32

**BIDS OPENED**

PLACERVILLE, El Dorado Co., Cal.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at \$396,610 submitted low bid and was recommended for award by the Placerville City Council, City Clerk, Placerville, for the construction of Municipal Sewage Disposal Project; Proj. Unit A-1 P W A.

Total bids follow:  
Oakland Sewer Const. Co., 9915 Walnut St., Oakland ... \$396,610  
A. E. Downer, Oakland ..... 5930.50  
John F. White, Oakland ..... 6515.85  
This is the first unit of a complete sewer disposal project involving a main intercepting line in Hangtown Creek and a sewage treatment plant for which bids will be asked shortly. Harry N. Jenks, 2701 Benvenue, Berkeley, consulting engineer.

**BIDS OPENED**

WATSONVILLE, Santa Clara Co., Cal.—Valley Const. Co., 47 W Santa Clara, San Jose, at \$11,625.59 submitted low bid and was recommended for award by Watsonville City Council, M. M. Swisher, City Clerk, City Hall, 208 Main St., Watsonville, for the improvements to the Watsonville sewer system.

Work involves:  
(1) 1550 lin. ft. 10-in. vit. sewer pipe;  
(2) 390 lf. 8-in. do.;  
(3) 795 lf. 6-in. do.;  
(4) 145 lf. 4-in. do.;  
(5) 845 lf. 8-in. cast iron sewer pipe;  
(6) 730 lf. 6-in. do.;  
(7) 580 lf. 4-in. cast iron force main  
(8) 245 lf. 4-in. cast iron sewer pipe  
(9) 8-in. by 4-in. vit. Y branches;  
(10) 6-in. by 4-in. do.;  
(11) 8-in. by 4-in. cast iron Y branches;  
(12) 6-in. by 4-in. do.;  
(13) 16 standard manholes, complete;  
(14) One manhole reconstructed;  
(15) Pump station building, including pumps, motors and appurtenances.

Total bids follow:  
(A) Valley Const. Co., 47 West Santa Clara St., San Jose, \$11,625.59.  
(B) Oakland Sewer Const. Co., Oakland, \$12,268.15.  
(C) Union Paving Co., San Francisco, \$14,635.36.  
(D) H. E. Connor, Redwood City, \$15,799.75.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)...	1.43	1.67	2.17	2.25
(2)...	1.24	1.32	1.71	1.58
(3)...	.39	1.22	1.44	.94
(4)...	.45	1.48	1.40	.73
(5)...	1.89	1.81	2.36	2.75
(6)...	1.06	1.40	1.95	1.35
(7)...	.67	1.20	.90	1.20
(8)...	.67	1.58	1.51	1.75
(9)...	1.68	.60	1.83	1.00
(10)...	.945	.50	1.09	.50
(11)...	2.69	1.50	3.00	3.09
(12)...	.896	.75	1.00	1.50
(13)...	70.00	60.00	94.00	80.00
(14)...	50.00	50.00	63.00	70.00
(15)...	4230.00	3300.00	3305.00	5093.00

**BIDS WANTED**

LOS ANGELES, Cal.—Until Dec. 15, 10 a.m., bids will be received by the Los Angeles Board of Public Works for the construction of sewers in Niagara Way, between Loy Lane and Ontario Way, and other streets in the Niagara Way and Loy Lane Sewer District (Eagle Rock), 1911 Act. The work involves vitrified sewers and house connections, and cost is estimated by city engineer in Debt Limit Report at \$1875.

The work involves:  
(1) Lump sum sanitary sewers (582.5 ft. 8-in. pipe);  
(2) 50 lf. house connection sewers;  
(3) 364 sq. ft. class C resurf. 4 inches thick;  
(4) 1310 cu. ft. class A resurf. \* 2

**TULARE COUNTY—Grading & Surfacing—(State)**

TULARE COUNTY, Calif.—N. M. Ball Sons, 852 Carmel Ave., Albany, at \$81,440.00 submitted low bid to the State Division of Highways, C. H. Parcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with plant-mixed surfacing on crusher run base 3.1 miles between 18 miles west of Merryman and Yokohama, Tulare Co.

Work involves:  
(1) clear and grub right of way;  
(2) 2,400 M gals. water;  
(3) 700 c.y. rdwy. excav., unclass.;  
(4) 425 c.y. struc. excav.;  
(5) 51,000 c.y. imported borrow;  
(6) 280 c.y. remove concrete;  
(7) 163 sta. finishing rdwy.;  
(8) 10,600 tons crusher-run base;  
(9) 38 tons liquid asph. SC-2 (prime coat);  
(10) 2,100 sq. yds. asphaltic paint binder;  
(11) 5,500 tons mineral aggregate, (plant mix surf.);  
(12) 275 tons liquid asphalt, ROMC-4 or ROMC-5 (plant mix surf.);  
(13) 14 tons liquid asphalt, SC-2 penetration oil treatment;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)...	\$2500.00	\$ 600.00	\$2000.00	\$190.00	\$1200.00	\$1500.00	\$2000.00
(2)...	75	1.50	1.00	1.50	1.50	2.00	2.00
(3)...	.60	.42	.90	.65	.50	.30	1.25
(4)...	1.20	1.00	1.50	1.50	1.25	1.00	1.30
(5)...	.53	.59	.60	.63	.75	.55	.65
(6)...	2.00	3.00	3.00	2.40	2.00	5.00	3.00
(7)...	5.00	6.00	7.00	5.00	7.00	5.00	5.00
(8)...	1.85	1.62	1.90	2.05	2.00	2.00	2.70
(9)...	14.00	11.50	16.00	12.00	15.00	15.00	16.00
(10)...	.01	.02	.03	.02	.05	.10	.03
(11)...	2.40	2.25	2.00	2.40	2.50	3.50	2.95
(12)...	17.00	17.00	6.00	16.00	17.00	22.00	20.00
(13)...	14.00	11.50	16.00	12.00	15.00	25.00	18.00
(14)...	.05	.05	.07	.05	.08	.05	.06
(15)...	14.50	14.00	16.00	13.00	15.00	20.00	16.00
(16)...	.06	.075	.07	.07	.06	.08	.08
(17)...	20.00	30.00	25.00	27.00	25.00	30.00	30.00
(18)...	2.00	2.00	2.00	2.00	2.00	3.00	2.00
(19)...	2.20	2.50	3.00	2.50	2.50	5.00	2.50
(20)...	3.00	3.50	4.00	3.50	3.50	6.00	3.50
(21)...	2.50	2.50	3.00	2.00	3.00	4.00	2.50
(22)...	3.00	2.50	3.00	3.00	3.00	3.00	3.00

(14) 52,000 sq. yds. prepare, mix and shape shoulders;  
(15) 270 tons liquid asphalt, SC-1 shoulders;  
(16) 4,000 lbs. bar reinf. steel;  
(17) 63 c.y. Class A Portland cement concrete (struc.);  
(18) 84 lf. 18-in. CMP;  
(19) 24 lf. 26x6 $\frac{1}{2}$ -in. part circle culvert;  
(20) 210 lf. 36x10 $\frac{1}{2}$ -in. do.;  
(21) 18 each culvert markers;  
(22) 33 each monuments.

Total bids follow:  
(A) N. M. Ball Sons, 852 Carmel Ave., Albany, \$81,440.00.  
(B) Piazza & Huntley, San Jose, \$82,162.50.  
(C) Union Paving Co., San Francisco \$86,499.50.  
(D) Griffith Co., Los Angeles, \$88,919.50.  
(E) Oswald Bros., Los Angeles, \$97,924.25.  
(F) J. A. Casson, Hayward, \$98,103.  
(G) Hanrahan Co., San Francisco, \$105,792.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)...	\$2500.00	\$ 600.00	\$2000.00	\$190.00	\$1200.00	\$1500.00	\$2000.00
(2)...	75	1.50	1.00	1.50	1.50	2.00	2.00
(3)...	.60	.42	.90	.65	.50	.30	1.25
(4)...	1.20	1.00	1.50	1.50	1.25	1.00	1.30
(5)...	.53	.59	.60	.63	.75	.55	.65
(6)...	2.00	3.00	3.00	2.40	2.00	5.00	3.00
(7)...	5.00	6.00	7.00	5.00	7.00	5.00	5.00
(8)...	1.85	1.62	1.90	2.05	2.00	2.00	2.70
(9)...	14.00	11.50	16.00	12.00	15.00	15.00	16.00
(10)...	.01	.02	.03	.02	.05	.10	.03
(11)...	2.40	2.25	2.00	2.40	2.50	3.50	2.95
(12)...	17.00	17.00	6.00	16.00	17.00	22.00	20.00
(13)...	14.00	11.50	16.00	12.00	15.00	25.00	18.00
(14)...	.05	.05	.07	.05	.08	.05	.06
(15)...	14.50	14.00	16.00	13.00	15.00	20.00	16.00
(16)...	.06	.075	.07	.07	.06	.08	.08
(17)...	20.00	30.00	25.00	27.00	25.00	30.00	30.00
(18)...	2.00	2.00	2.00	2.00	2.00	3.00	2.00
(19)...	2.20	2.50	3.00	2.50	2.50	5.00	2.50
(20)...	3.00	3.50	4.00	3.50	3.50	6.00	3.50
(21)...	2.50	2.50	3.00	2.00	3.00	4.00	2.50
(22)...	3.00	2.50	3.00	3.00	3.00	3.00	3.00

**SAN FRANCISCO—RICHMOND SEWER—(City)**

SAN FRANCISCO—M. J. Lynch, 1435 Church St., San Francisco, at \$28,640 (Alternate A), and MacDonal & Kahn Co., Ltd., 209 Financial Center Bldg., at \$32,723 (Alternate B), submitted low bid to the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19024, for the construction of the Richmond connecting sewer; PWA job. Estimated cost, \$36,000.

(1a) 1700 lf. 42-in. reinf. conc. pipe sewer (Alternate);  
(1b) 1700 lf. 45-in. reinf. conc. monolithic sewer (Alternate);  
(2) One manhole for Item One;  
(3) Cast iron pipe connection to existing 21-inch cast iron pipe in Fulton Street;  
(4) One manhole for Item Three;  
(5) Taper section at 11st Ave. and Fulton Street;  
(6) Junction manhole near 46th Ave. and Fulton St.;  
(7) Diversion structure and 21-inch C.I. sewer at 41st Avenue and

Fulton St.  
Total bids follow:  
(A) M. J. Lynch, 1435 Church St., San Francisco Alt. A, \$28,640; Alt. B, \$34,950.  
(B) MacDonald & Kahn Co., Ltd., 209 Financial Center Bldg.—Alt. A, \$32,893; Alt. B, \$32,723.  
(C) W. J. Tobin, Oakland—Alt. A, \$30,805.  
(D) Eaton & Smith—Alt. A, \$32,341; Alt. B, \$36,591.  
(E) Chas. L. Harney Alt. A, \$33,555.  
(F) E. J. Treacy Alt. A, \$33,768; Alt. B, \$35,466.  
(G) C. C. W. & H. H. Haun, San Francisco, Alt. A, \$34,475.  
(H) Healey Tibbets Constr. Co.—Alt. A, \$34,547.  
(I) Sibley Grading & Teaming Co., 150 Alt. A, \$31,605.  
(J) Wm. Bros. & Haas, Inc., San Francisco—Alt. A, \$42,354.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
(1)...	8.11	8.17	9.8	16.65	\$ 16.25	\$ 17	17.67	\$ 16.50	\$ 18.00	\$ 17.65	\$ 21.32
(2)...	18.00	17.00		18.75	18.92						
(3)...	17.00	10.00	30.00	30.00	30.00	30.00	150.00	100.00	100.00	150.00	500.00
(4)...	17.00	1875.00	800.00	228.70	2675	184.00	1750.00	2700.00	2000.00	2100.00	510.00
(5)...	17.00	0.00	30.00	125.00	150	180.00	175.00	100.00	100.00	100.00	200.00
(6)...	200.00	160.00	300.00	412.00	505	1200.00	350.00	300.00	500.00	370.00	
(7)...	300.00	350.00	300.00	312.00	300	250.00	300.00	217.00	250.00	650.00	
(8)...	1000.00	1118.00	500.00	1500.00	825	1015.00	2000.00	700.00	1500.00	1910.00	

**BIDS OPENED**

**SAN FRANCISCO.**—M. J. Lynch, 1435 Church St., San Francisco, at \$2,927, submitted low bid to the Department of Public Works, Room 231, City Hall, for the construction of a sewer in Duncan St. between Diamond and Castro Sts. Estimated cost, \$3,072.

- Work involves:
- (1) 520 l.f. 8-in. vit. clay pipe sewer, in place;
  - (2) 15 l.f. 2-in. vit. clay pipe sewer, in place;
  - (3) 6 brick manholes, complete;
  - (4) 32 8x6-in. Y branches, in place;
  - (5) 26 12x6-in. do.

Total bids follow:

(A) M. J. Lynch, 1435 Church St., San Francisco—\$2,927.

(B) The Fay Improvement Co., San Francisco—\$3,392.66.

(C) W. J. Tobin, Oakland—\$3,419.

Unit prices follow:

	(A)	(B)	(C)
(1).	\$ 2.00	\$ 2.55	\$ 2.30
(2).	2.58	2.87	3.00
(3).	100.00	106.00	120.00
(4).	3.00	2.00	2.00
(5).	2.00	2.00	2.50
			* 32

**BIDS WANTED**

**PASADENA,** Los Angeles Co., Cal.—Until Dec. 7, 10:30 A. M., bids will be received by Pasadena city clerk, Bessie Chamberlain, for construction of sanitary sewer in Woodbury Road between Santa Rosa Ave. and Highland St., under 1911 Act.

- Work involves:
- (1) 1380 ft. 8-in. vit. clay pipe.
  - (2) 2 flushing tanks;
  - (3) 5 manholes;
  - (4) 42 wye branches;
  - (5) 1280 lf. replacing 5-inch asphalt concrete pavement. \* 32

**BIDS OPENED**

**OAKLAND,** Calif.—Following submitted bids by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for laying 84-in. reinforced concrete pipe storm sewer in the southwest corner of 8th Ave. to the Western Pacific Railroad Company tracks, Oakland.

- Work involves:
- (1) 552 lf. double 84-in. reinf. conc. pipe storm sewer;
  - (2) Lump sum, 2 concrete in walls;
  - (3) Lump sum, one redwood in struc. including fill of existing ditch.

Bidders were:

(A) American Concrete & Steel Pipe Co., Oakland.

(B) R. E. McNair, Oakland.

(C) A. Fredrick Anderson, Oakland.

Prices follow:

	(A)	(B)	(C)
(1)	\$14.56	\$43.25	\$37.70
(2)	325.76	400.00	248.00
(3)	200.00	260.00	210.00

**33— WATER WORKS**

**BIDS OPENED**

**TOLEDO,** Lincoln Co., Ore.—F. C. Dillard, Medford, Oregon, at \$94,323.85, submitted low bid to the City of Toledo, C. B. Arthur, Recorder, for replacing existing distribution system, repairing existing reservoir, constructing pump plant on Siletz River and earth fill on Mill Creek. Estimated cost \$110,091.

Total bids follow:

F. C. Dillard, Medford, Oregon—\$94,323.85

Eugene Rudy, Portland—\$97,549.12

Parker-Schram Corp., Portland—\$99,994.75

S. S. Montague, Portland—\$104,862.42

Min States Constr Co., Eugene—\$108,523.13

Tom Lillabu, Redport—\$108,702.40

Callison & Ioffredo, Seattle, Wash.—\$113,379.75 \* 33

**PETALUMA SEWAGE DISPOSAL—(City)**

**PETALUMA,** Sonoma Co., Cal.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at \$1,168.80 (Prop. A), submitted low bid and recommended for award by Petaluma City Council for construction of main line intercepting sewers for the municipal sewage disposal project; Fred J. Early, Jr., 369 Pine St., San Francisco, submitted low bid and recommended for award under Prop. B, providing plant and treatment works. Amount of Early's low bid will depend on final choice of items. Early's bid on Proposition B was as follows: (1a) \$93,253; (1b) \$100,548; (2a) \$91,022; (2b) \$98,318; (3a) \$91,022; (3b) \$98,318; (4a) \$88,792; (4b) \$90,088; (5) \$1,444; (6) \$180; (7) \$270.

- Work involves:
- SCHEDULE NO. 1—PROJECT UNIT A:**  
Main Line Intercepting Sewers:
- (1) 3263 l.f. 12-in. vit. clay pipe sewer;
  - (2) 1059 l.f. 15-in. vit. clay pipe sewer;
  - (3) 2551 l.f. 21-in. vit. clay pipe sewer;
  - (4) 3027 l.f. 24-in. do.;
  - (5) 833 l.f. 18-in. asbestos-bonded corr. iron pipe sewer;
  - (6) 991 l.f. 12-in. cast-iron pipe sewer force main;
  - (7) One over-water, pile-bent-trestle sewer river crossing, complete with sewer line of 21-in. asbestos-bonded corr. iron pipe between manholes at Stations 50+68.5 and 52+28.5.
- B Street Sanitary Separation Sewer:**
- (8) 1990 l.f. 15-in. vit. clay pipe sewer;

**Miscellaneous Appurtenant Sewers,** between Mtn. View Avenue and Washington Street:

- (9a) 1250 l.f. 6-in. vit. clay pipe sewer;

- (9b) 609 l.f. 8-in. vit. clay pipe sewer;
- (9c) 310 l.f. 12-in. asbestos-bonded corr. iron pipe sewer;
- Bridge, Oak and Madison Streets—Auxiliary Interceptors:
- (10) 1000 l.f. 15-in. vitrified clay pipe sewer;
- (11) 480 l.f. 8-in. vitrified clay pipe sewer;
- Washington Street Auxiliary Interceptors and laterals:
- (12) 815 l.f. 10-in. vitrified clay pipe sewer;
- (13) 800 l.f. 8-in. do.;
- (14) Lump sum storm and sanitary sewer lines and connections on Western and on Washington Street and main line intercepting sewers;
- (15) 2246 lf. 18-in. plain concrete pipe sewage treatment plant outlet sewer;
- (16) 80 cu. yd. of Class "C" concrete support only at \$8.00 per cu. yd.;
- (17) Lump sum, entire work of construction of Proj. Unit A, complete, exclusive of Items (1) to (16), inclusive;
- (18) Total contract price bid for Project Unit A;
- (19) Bituminous cement joints instead of cement joints, each;
- (20) Sulphur-base joints, instead of cement joints, each;
- (21) Extra standard manholes, complete, not exceeding 8 feet deep, each;
- (22) Extra standard manholes, complete, not exceeding 12 ft. deep, each;
- (23) Extra house sewer connections, in concrete-paved streets, including not to exceed 50 feet of 5-inch vitrified clay house sewer and Y-branch connections, each;
- (24) Extra house sewer connections,

**PROPOSITION A:**

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$7,015.45	.....	\$6,352.00	\$8,973.25	\$6,526.00	\$9,789
(2)	4,159.98	.....	5,125.43	3,484.80	4,356.00	3,811
(3)	11,614.50	.....	10,169.14	10,659.53	12,905.00	11,614
(4)	13,924.20	.....	13,016.10	14,075.55	16,618.50	15,135
(5)	3,956.75	.....	4,090.03	3,831.80	4,789.45	4,165
(6)	3,964.00	.....	4,548.60	4,935.00	5,202.75	4,459
(7)	2,250.00	.....	5,500.00	2,500.00	2,685.00	5,000
(8)	5,970.00	.....	5,711.30	6,368.00	5,771.00	6,965
(9a)	1,375.00	.....	1,900.00	3,000.00	1,562.50	3,125
(9b)	1,126.65	.....	897.23	1,552.95	1,329.80	1,674
(9c)	1,348.50	.....	1,184.20	1,210.00	1,364.00	1,240
(10)	2,500.00	.....	2,750.00	4,000.00	2,650.00	3,500
(11)	888.00	.....	737.60	1,230.00	1,560.00	1,320
(12)	1,630.00	.....	1,776.70	2,159.75	2,445.00	2,445
(13)	1,240.00	.....	1,176.00	2,090.00	2,240.00	2,200
(14)	1,500.00	.....	420.00	2,000.00	1,277.00	5,000
(15)	4,604.20	.....	5,390.56	7,299.50	4,492.00	7,861
(16)	610.00	.....	640.00	610.00	640.00	640
(17)	961.47	.....	76,277.00	6,607.87	8,900.00	8,900
(18)	71,168.80	.....	76,280.83	86,068.00	87,354.30	89,945
(19)	.....	.....	.....	03	03	025
(20)	.....	.....	.....	03	03	035
(21)	80.00	.....	74.00	150.00	75.00	90
(22)	125.00	.....	93.00	180.00	100.00	120
(23)	75.00	.....	65.00	81.00	80.00	125
(24)	60.00	.....	50.00	81.00	90.00	125
(25)	50.00	.....	40.00	50.00	47.00	100

**PROPOSITION B:**

(1a)	92,253.00	.....	104,041.00	.....	140,000
(1b)	100,548.00	.....	110,011.00	.....	142,000
(2a)	91,022.00	.....	102,630.00	.....	136,000
(2b)	98,318.00	.....	108,240.00	.....	138,000
(3a)	91,022.00	.....	99,910.00	.....	139,500
(3b)	98,318.00	.....	104,932.00	.....	141,500
(4)	88,792.00	.....	97,135.00	.....	135,500
(5)	86,088.00	.....	103,161.00	.....	137,500
(6)	4,444.00	.....	4,000.00	.....	7,500
(7)	180.00	.....	.....	.....	500
(7)	270.00	.....	.....	.....	500

Sales of mechanical stokers totaled 47,443 during the first eight months of 1937, as compared to sales totaling 31,977 during the same period in 1936, the Bureau of Census reports.

Shipments of fireresistive safe industry products amounted to \$309,540 during September, 1937, as compared to shipments amounting to \$272,718 during August, 1937, the Bureau of Census reports.

in asphalt-paved streets, including not to exceed 50 feet of 5-inch vitrified clay sewer and Y-branch connections, each;

(25) Extra house sewer connections, in unpaired areas, including not to exceed 50 feet of 5-inch vitrified clay house sewer and Y-branch connections, each.

NOTE: The bidder shall bid on all items of the proposal or which he bids. Bid under Prop. Sched. No. 1 is based on completing the work within the time provided in the specifications covering Project Units A and B.

SCHEDULE NO. 2—Project Unit B:

(1a) Furnishing all materials and labor for and constructing and installing, complete and in satisfactory operating condition, the structures and equipment of the sewage pumping plant and the sewage pumping and treatment works and appurtenances, as shown on the plans and as specified and on the basis of the circular detentor-settling tank alternate layout;

(1b) Furnishing all materials and labor for and constructing and installing, complete and in satisfactory operating condition, the structures and equipment of the sewage pumping plant and the sewage pumping and treatment works and appurtenances, as shown on the plans and as specified, and on the basis of the rectangular detentor-settling tank alternate layout;

(2a) Lump sum sludge drying beds, for Proj. Item No. 1A, exclusive of Proj. Unit Item No. 9;

(2b) Lump sum sludge drying beds, for Proj. Item No. 1B, exclusive of Proj. Unit Item No. 9;

(3a) Lump sum finish grading and landscaping, for Proj. Item No. 1A, exclusive of Proj. Unit Item No. 10;

(3b) Lump sum, finish grading and landscaping, for Proj. Item No. 1B, exclusive of Proj. Unit Item No. 10;

(4a) Lump sum, sludge drying beds, and finish grading and landscaping, for Proj. Item No. 1A, exclusive of Proj. Unit Items Nos. 9 and 10;

(4b) Lump sum, sludge drying beds, and finish grading and landscaping, for Proj. Item No. 1B, exclusive of Proj. Unit Items Nos. 9 and 10;

(5) Lump sum, 2 only, bio-filters, 75-ft. size, complete, in lieu of 60-ft. size;

(6) Lump sum, furnishing sewage pumping units of Proj. Unit Item No. 1;

(7) Lump sum, furnishing sewage pumping units of Proj. Unit Item No. 2.

Bidders were:

(A) Oakland Sewer Constr. Co., 9915 Walnut St., Oakland.

(B) Fred J. Early, Jr., 369 Pine St., San Francisco.

(C) John F. White, Oakland.

(D) M. J. Lynch, San Francisco.

(E) Robert B. McNair, Oakland.

(F) J. E. Hickey, Berkeley.

(G) W. J. Tobin, Oakland.

(H) MacDonald & Kahn Co., Ltd., San Francisco.

(I) Goro & Radco, Los Angeles.

(J) Barrett & Hill, San Francisco.

(K) Hoagland Engrg. & Constr. Co., Long Beach.

(L) H. A. Teget, Ontario.

(M) Campbell Constr. Co., Sacramento.

Prices follow:

	(G)	(H)	(I)	(J)	(K)	(L)	(M)
.00	\$11,909.95	\$13,052.00	\$13,052.00				
.50	5,473.80	5,445.00	5,445.00				
.50	12,905.00	16,486.00	21,938.50				
.00	18,163.00	15,135.00	27,243.00				
.00	4,998.00	6,664.00	5,831.00				
.50	4,736.98	5,946.00	9,910.00				
.00	11,500.00	3,024.00	4,200.00				
.00	4,736.98	9,552.00	8,955.00				
.00	2,825.00	3,750.00	1,875.00				
.75	1,827.00	2,436.00	3,045.00				
.00	1,674.00	1,850.00	3,100.00				
.00	3,110.00	4,380.00	6,000.00				
.00	1,108.80	1,920.00	1,584.00				
.00	3,015.50	3,260.00	3,921.00				
.00	2,680.00	2,800.00	3,440.00				
.00	1,800.00	2,144.00	2,690.00				
.00	6,288.80	10,107.00	15,722.00				
.00	640.00	640.00	640.00				
.01	1,200.00		1.00				
.25	104,506.83	107,701.00	137,993.50				
.05	20	069	05				
.08	20	07	05				
.00	100.00	125.00	100.00				
.00	150.00	175.00	150.00				
.00	150.00	100.00	100.00				
.00	160.00	100.00	100.00				
.00	120.00	80.00	75.00				
.00		124,421.00		\$108,669	\$ 99,900	\$109,655	\$107,950
.00		129,421.00		112,414	105,400	113,275	113,450
.00		121,421.00		103,276	96,900	103,950	104,450
.00		127,421.00		109,121	103,100	110,640	109,950
.00		119,421.00		103,867	97,800	105,485	99,450
.00		124,421.00		109,732	102,500	112,575	106,700
.00		116,421.00		100,574	97,800	103,260	95,950
.00		121,421.00		106,459	100,500	109,840	103,200
.00		4,000.00		5,000	4,000	5,780	5,575
.00					500	490	
.00					690	716	

Shipments of domestic pumps and water systems totaled 451,756 units for the first nine months of 1937, as compared to shipments amounting to 427,582 for the same period in 1936, the Bureau of Census reports.

Shipments of fabricated steel refinery material and equipment amounted to 31,073 short tons for the first nine months of 1937, as compared to shipments totalling 29,228 tons for the same period in 1936, the Bureau of Census reports.

BIDS WANTED

SANGER, Fresno Co., Calif.—Until December 7 bids will be received by the Sanger City Council, Sanger, for furnishing supplies and materials for construction of additions and improvements to the Sanger Municipal Water System. The contracts call for furnishing and erecting a 60,000-gallon water tower; furnishing and installing a turbine pump; and pipe fitting and hydrants. Bids will be received on three separate contracts. Specifications and further information may be obtained from the City Clerk, Sanger. 33

BIDS WANTED

ONTARIO, Malheur Co., Oregon.—Until Dec. 16, 2 P. M., bids will be received by F. P. Ryan, Recorder, under PWA Docket 1183, for the construction of a pump house and intake, furnish and install pump and electric motor, construction of a reinforced concrete reservoir, construction of trunk and distribution pipe lines and furnishing and placing fire hydrants, gate valves, etc.

Plans and specifications may be obtained from the above office upon deposit of \$15. 33

34— PARKS AND PLAY GROUNDS

BIDS OPENED

MONTEREY, CAL.—L. M. Aitkins, 1609 E. 94th St., Cleveland, Ohio, at \$493, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Monterey.

Complete bids follow:  
L. M. Aitkins, Cleveland, Ohio, \$493  
James D. Bishop, Pacific Grove, Calif. 495  
W. E. Rowe, Albertville, Ala., 484

34

SAN FRANCISCO CO. PERMITS UNDER \$1000

- SIGN, electric, \$125, 2001 Chestnut St.; owner, Dame Bros., prem.; contractor, Novelty Electric Sign Co., 66 Washburn St.
- FLUE, \$47, 4124 18th St.; owner, J. Frauman, 525 Edinburg; contractor W. Burian, 2555 San Bruno Avenue.
- SIGN, electric, \$100, 1700 Van Ness Ave.; owner, W. A. McFarlane, Inc., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$350, 400 6th Street, owner, Bay Bridge Hardware Co., premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
- ALTER tavern, \$150, 4701 Geary St.; owner, Mickey Torre, premises.
- SIGN, electric, \$209, 101 Fillmore St.; owner, Fred E. Moe, prem.; contractor, J. K. Herzog Elec. Co., 370 Van Ness, Ave. South
- ALTER dwelling, \$450, 1005 Hyde St.; owner, O'Sullivan Est., Mills Bldg. 4000; contractor, Cahill Bros., Sansome and Pine Sts.
- FOUNDATION, \$500, 29 Dubose Ave.; contractor, J. W. Beaver, 138 Erie St.
- ALTER, E. R. Belmont, 116 Duane Ave.
- ALTER dwelling, \$500, 634 Connecticut St.; owner, J. Aldera, prem.; contractor, R. Lind, 54 Stanton
- ALTER electric bldg., \$900, 333 Montgomery St.; owner, 323 Montgomery St., Inc., premises; architect, W. P. B. Co., 573 Montgomery St.
- ALTER, \$100, 1215 3777 Clay St.; owner, E. G. Richard, prem.; contractor, E. J. O'Farrell, 1215 3777 Clay St., E. G. Richard, prem.; contractor, E. J. O'Farrell, 1215 3777 Clay St.
- ALTER, \$100, 1215 3777 Clay St.; owner, E. G. Richard, prem.; contractor, E. J. O'Farrell, 1215 3777 Clay St.
- ALTER, \$100, 1215 3777 Clay St.; owner, E. G. Richard, prem.; contractor, E. J. O'Farrell, 1215 3777 Clay St.

owner, Joe Bayons, premises.

SIGN, electric, \$40; 1700 Van Ness; owner, W. A. McFarlane, Inc. premises; contractor, Elec. Prod. Corp., 914 Harrison St.

SIGN, metal, \$60; SE 9th and Lincoln Way; owner, Gen. Pet. Corp., Parr Terminal, Oakland.

SIGN, \$15; NW Hayes and Polk Sts.; owner, Gen. Pet. Corp., Parr Terminal, Oakland.

ALTER restaurant, \$135; 1308 Fillmore St.; owner, Schwartz, 541 17th Ave.; contractor, Dave Greenblatt, 3825 25th St.

ALTER dwelling, \$300; 1382 O'Farrell St.; owner, N. Nazer, Frem.; contractor, Hanson Bros., 5540 Mission St.

ALTER dwelling, \$900; 414 28th St.; owner, Nellie Guschinsky, Premises; contractor, Fred L. Campbell, 30 Grafton Ave.

SIGN, metal, \$60; 5698 Mission St.; owner, Gen. Pet. Corp., Parr Terminal, Oakland.

ALTER restaurant, \$400; SW Ellis and Taylor Sts.; owner, Shell Oil Co.; contractor, V. M. Henrietta, 2929 21st Ave.

ALTER dwelling, \$71; 137 11th Ave.; owner, J. H. McFarland, 710 47th Ave.; contractor, Dave Greenblatt, 3825 25th St.

ALTER hotel, \$250; 1298 Market St.; owner, F. C. Hotaling, 451 Jackson St.; contractor, G. P. W. Jensen & Sons, Inc., 321 Market St.

ALTER church, \$950; 1500 Post St.; owner, Jap. Church of Christ, Frem.; contractor, H. Arima, 1568 Post St.

SIGN, metal, \$60; NE 25th Ave. and Lawton St.; owner, Gen. Petrol. Corp., Parr Terminal, Oakland.

SIGN, electric, \$50; 509 Montgomery St.; owner, S. Gilbert, Premises; contractor, Western Neon Lite Co., 75 Fremont St.

ALTER dwelling, \$75; 3850 24th St.; owner, Charles E. Ayers, 3834 24th St.

BILLBOARD, \$7; S. Lombard, 100 W. Franklin; owner, West Coast Advertising Co., 1330 Divisadero St.

ALTER dwelling, \$500; 168 Belvedere St.; owner, A. Copnik, Premises; contractor, Hugh Hall, 2288 Third St.

SIGN, electric, \$250; 698 3rd Street; owner, Assoc. Cigar Store, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER flats, \$900; 1818 Green St.; owner, E. Yacopetti, 1780 Beach St.

ALTER dwelling, \$150; 80 Rosekranz St.; owner, Benjamin McReynolds, Prem.

FLUES, \$75; 23 Kearny St.; owner, Irving Weinstein, premises; contractor, Zeman Sheet Metal Co., 1570 Ellis St.

ALTER flats, \$330; 3016-18 Octavia; owner, Mary Vatuone, 409 Vallejo St.; contractor, F. Ross, 1835 Stockton St.

POLE, barber, \$20; 1530 California; owner, Howard Burke, premises; contractor, Golden Gate Electric Co., 1526 California St.

ALTER cigar stand, \$250; 244 Montgomery St.; owner, D. Rhamim, 297 10th Ave.

ALTER dwelling, \$370; W Nevada; 300 S. Cortland; owner, De Avilla, 256 Nevada St.; contractor, John L. Steiner, 861 Moultrie St.

ALTER dwelling, \$250; 1720 Fell St.; owner, Bank of Calif., California and Sansome Sts.; contractor, G. Anderson, 134 Hallock St.

ALTER flats, \$255; 1763 North Point St.; owner, P. Baredies, 1426 Galvez St.; contractor, Grant-Martin-Hill Const. Co., 41 Marv St.

SIGN, electric, \$450; 386 Gary St.; owner, Hotel Fielding, prem.; contractor, Western Neon Lite Co., 75 Fremont St.

## MERCED COUNTY—UNDERGRADE CROSSING—(State)

MERCED CO., Cal.—Louis Biasotti & Son, P.O. Box 557, Stockton, at \$215,872.75, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Livingston, consisting of a steel girder track span on concrete abutments and pier and approximately 1.9 mi. of road to be graded and paved with Portland cement concrete, Merced Co., Calif.

### Work Involves:

- (1) 101 sta. clear and grub;
- (2) 560 M. gals. water;
- (3) 57,000 cu. yd. roadway excav., without class;
- (4) 2,200 cu. yd. struc. excav.;
- (5) 750,000 sq. yds. overhaul;
- (6) 26,500 sta. yds. preparing sub-grade;
- (7) 101 sta. finishing roadway;
- (8) 350 cu. yd. salvaged surf.;
- (9) 4,400 tons untreated crushed gravel or stone surf.;
- (10) 11 tons liq. asph., MC-2 (prime coat);
- (11) 8 tons asph. emul. (seal coat);
- (12) 90 tons liq. asph., MC-5 or MC-extra heavy (plant-mix surf.);
- (13) 300 sq. yds. asphalt paint binder;
- (14) 1,800 tons min. aggregate plant-mix surf.;
- (15) 85 tons screenings (seal coat);
- (16) 25 tons liq. asph., SC-2 shoulder penetration;
- (17) 5,380 cu. class B portland cement concrete pave;
- (18) 1,210 cu. class A portland cement conc. strucs.;
- (19) 1,525 cu. class B portland cement concrete thick pavement;
- (20) 1,115 cu. class A portland cement concrete curbs, gutters and sidewalks;
- (21) 625 cu. class A portland cement concrete slope paving;
- (22) 540 cu. yd. exlat. conc. remove and dispose of;
- (23) 225,000 lbs. bar reinf. steel pave. and strucs.;
- (24) 9,700 each, pave. dowels;
- (25) 2,600 each, pave. tie bolt assemblies;
- (26) 216,000 lbs. struc. steel;
- (27) 9,188 lbs. cast steel rockers and bearings;
- (28) 50,000 lbs. wrought iron plate;
- (29) 8,000 lbs. misc. iron and steel;
- (30) 4,900 lbs. copper strips;
- (31) 2,520 lf. furnishing treated Douglas fir piles;
- (32) 10,395 lf. furnish untreated Douglas fir piles;
- (33) 287 each, driving piles;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 10.00	\$ 3.00	\$ 10.00	\$ 10.00	\$ 37.00	\$ 10.00	\$ 20.00
(2)	1.75	1.00	1.50	1.00	.60	1.50	1.00
(3)	30	30	.40	.33	.33	.35	.35
(4)	1.50	1.75	1.50	.90	2.80	1.24	2.00
(5)	.005	.005	.005	.005	.006	.005	.005
(6)	.09	.10	.10	.06	.10	.12	.12
(7)	4.00	6.00	5.00	5.00	7.00	10.00	10.00
(8)	.60	1.00	1.00	.75	.69	1.00	2.50
(9)	2.50	2.50	2.50	2.00	2.10	2.50	2.50
(10)	19.00	25.00	15.00	25.00	25.00	25.00	22.00
(11)	25.00	22.00	25.00	30.00	30.00	30.00	30.00
(12)	19.00	16.00	17.00	20.00	21.00	20.00	21.00
(13)	.05	.10	.15	.10	.25	.10	.10
(14)	3.50	3.50	5.00	3.75	4.50	4.50	3.50
(15)	3.00	3.00	3.00	2.50	2.30	3.00	4.00
(16)	14.00	20.00	16.00	16.00	13.50	15.00	15.00
(17)	8.00	9.00	8.25	8.40	8.05	8.50	8.00
(18)	14.25	18.00	15.50	18.44	14.50	16.50	20.00
(19)	7.00	9.00	8.25	9.16	9.50	8.80	9.00
(20)	11.00	18.00	14.00	15.50	14.25	17.00	15.00
(21)	13.50	12.00	16.00	15.13	13.50	14.00	15.00
(22)	2.00	2.00	2.00	3.00	1.75	2.00	2.50
(23)	.053	.055	.055	.0541	.055	.058	.06
(24)	.22	.20	.24	.24	.20	.25	.25
(25)	.40	.50	.40	.59	.50	.50	.60
(26)	.09	.085	.09	.095	.10	.10	.10
(27)	.20	.15	.20	.19	.17	.20	.20
(28)	.095	.09	.095	.107	.11	.105	.10
(29)	.20	.18	.20	.19	.23	.20	.25
(30)	.35	.25	.50	.50	.46	.40	.50
(31)	.75	.70	.75	.57	.80	.65	.75
(32)	.25	.30	.35	.25	.34	.20	.35
(33)	20.00	10.00	12.00	25.00	10.35	35.00	20.00
(34)	1.10	1.10	.90	1.00	.90	1.00	1.00
(35)	1.20	1.25	1.15	1.40	1.00	1.30	1.10
(36)	2.45	2.75	2.75	3.00	2.40	3.00	2.40
(37)	15.00	10.00	12.00	12.50	10.00	10.00	15.00
(38)	.85	.75	.65	.70	.60	.75	.75
(39)	1.00	1.10	.90	1.00	1.00	1.15	1.00
(40)	1.30	1.25	1.40	1.10	1.65	1.35	1.40
(41)	2.80	3.00	2.50	3.25	4.00	3.50	3.00
(42)	.67	.50	.50	.70	1.70	.70	.60
(43)	1.00	.75	.65	.70	2.00	.75	1.00
(44)	1.30	1.00	.90	1.00	2.30	1.00	1.50
(45)	1.60	1.25	1.10	1.20	2.50	1.50	2.00
(46)	2.50	2.50	2.70	2.89	3.00	2.75	2.50
(47)	500.00	500.00	500.00	375.00	430.00	500.00	450.00
(48)	20.00	20.00	20.00	20.00	17.50	25.00	20.00
(49)	3.00	3.00	3.00	3.00	3.50	3.00	3.00
(50)	35.00	70.00	55.00	41.00	46.00	50.00	40.00
(51)	30.00	50.00	40.00	35.00	57.00	45.00	30.00
(52)	3.00	2.50	3.00	3.00	2.30	3.00	2.50
(53)	7.00	25.00	50.00	18.00	40.00	20.00	30.00
(54)	3500.00	3500.00	3200.00	3200.00	3200.00	3000.00	3000.00
(55)	2300.00	2000.00	2200.00	2300.00	2200.00	2000.00	2500.00
(56)	1000.00	3500.00	1000.00	2000.00	3300.00	1500.00	1000.00

- (34) 810 lf. 8-in. CMP;
  - (35) 480 lf. 10-in. CMP;
  - (36) 46 lf. 18-in. CMP siphon;
  - (37) 1 each, 18-in. conc. joint;
  - (38) 100 lf. 6-in. perf. metal pipe underdrains;
  - (39) 94 lf. 8-in. perf. metal pipe underdrains;
  - (40) 3,650 lf. 12-in. perf. metal pipe underdrains;
  - (41) 750 cy. rock filling material underdrains;
  - (42) 30 cy. 8-in. plain conc. pipe;
  - (43) 464 lf. 12-in. plain conc. pipe;
  - (44) 250 lf. 15-in. plain conc. pipe;
  - (45) 110 lf. 18-in. plain conc. pipe;
  - (46) 300 lf. 14-in. welded steel pipe;
  - (47) 2.6 mi. new property fence;
  - (48) 9 each, drive gates;
  - (49) 27 each, monuments;
  - (50) 4 each, section type A-12 single traffic lane pave. crossing devices;
  - (51) 8 each, section type B-12 single traffic lane pave. crossing devices;
  - (52) 13 each, guide posts;
  - (53) 16 cy. protective covering;
  - (54) 1 lot pumping equipment;
  - (55) 1 lot elec. equip.;
  - (56) 1 lot misc. items of work.
- Total bids follow:

(A) Louis Biasotti & Son, P. O. Box 587, Stockton—\$215,872.75.

- (B) J. F. Knapp, Oakland—\$233,820.30.
- (C) Earle W. Heple, San Jose—\$234,083.60.
- (D) John Rocca, San Rafael, and Claude C. Wood, Stockton—\$237,014.44.
- (E) Fredricksen & Westbrook, Lower Lake—\$238,602.92.
- (F) A. Teichert & Son, Inc., Sacramento—\$245,782.90.
- (G) Metropolitan Const. Co., Los Angeles—\$245,922.35.
- (H) N. M. Ball Sons, Albany—\$249,521.10.
- (I) Union Paving Co., San Francisco—\$251,250.45.
- (J) Griffith Co., Los Angeles—\$251,699.74.
- (K) Heafey-Moore Co. and Fredrickson & Watson, Oakland—\$254,586.17.
- (L) John Strona, Pomona—\$256,006.65.
- (M) J. E. Haddock, Ltd., Pasadena—\$258,715.25.
- (N) C. W. Caletti & Co., San Rafael—\$267,903.30.
- (O) Gibbons & Reed Co., Burbank—\$270,159.27.
- (P) United Concrete Pipe Corp., Los Angeles—\$271,162.60.
- (Q) Eaton & Smith, San Francisco—\$274,429.90.

Unit prices follow:

(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)
\$ 15.00	\$ 10.00	\$ 20.00	\$ 12.00	\$ 44.00	\$ 25.00	\$ 18.00	\$ 10.00	\$ 10.00	\$ 19.20
2.00	1.00	2.50	1.25	2.00	2.00	1.00	1.00	1.50	1.28
.55	.55	.36	.43	.37	2.00	.44	.38	.75	.45
2.15	2.00	1.55	1.00	3.00	2.00	2.00	2.75	2.00	1.92
.01	.005	.004	.005	.005	.007	.005	.004	.006	.004
.10	.10	.10	.08	.12	.09	.12	.10	.15	.12
7.00	8.00	5.00	6.00	10.00	10.00	10.00	5.00	10.00	9.60
1.00	1.00	1.30	1.00	2.00	1.50	1.75	1.00	2.50	2.56
2.00	2.40	2.60	2.25	2.25	2.60	2.50	1.95	2.30	4.15
23.00	25.00	22.00	21.60	20.00	20.00	20.00	20.00	20.00	23.00
25.00	20.00	30.00	21.60	18.00	30.00	15.00	20.00	25.00	20.00
18.00	20.00	21.00	18.00	20.00	18.00	10.00	21.20	16.00	17.00
.02	.10	.06	.04	.05	1.0	1.0	.05	.03	.61
4.00	3.50	4.50	4.26	4.50	4.20	4.00	4.00	4.50	4.75
3.50	3.00	3.00	2.95	2.50	3.00	3.00	4.00	3.00	4.15
17.00	16.00	30.00	14.90	12.50	15.00	12.00	20.00	16.00	15.00
8.10	8.60	8.72	9.00	8.50	9.50	10.50	10.50	9.69	11.20
18.00	18.00	23.00	15.54	21.00	23.00	15.50	20.00	18.55	18.50
8.30	9.50	9.30	13.27	8.50	9.25	10.00	11.30	6.54	8.30
13.50	13.00	14.00	18.39	12.00	17.00	15.00	15.00	12.50	17.00
15.00	11.00	18.00	16.75	12.00	19.00	15.50	15.00	10.00	18.00
2.00	2.00	3.00	1.85	2.00	2.00	1.50	3.00	2.00	1.60
.05	.06	.06	.0582	.05	.06	.055	.06	.05	.06
.20	.20	.16	.25	.23	.15	.25	.25	.25	.25
.50	.45	.60	.43	.60	1.00	.60	.65	.60	.64
.083	.10	.09	.0987	.092	.089	.10	.09	.10	.095
.20	.20	.19	.19	.18	.195	.20	.22	.20	.19
.10	.11	.11	.103	.095	.10	.10	.107	.12	.10
.18	.25	.18	.18	.18	.195	.20	.20	.20	.20
.36	.50	.50	.68	.56	.55	.50	.50	.50	.50
.70	.80	.75	.88	.70	.80	.75	.77	.75	.80
.24	.25	.50	.35	.25	.25	.22	.41	.36	.27
25.00	15.00	15.00	14.10	10.00	8.00	20.00	25.00	25.00	16.00
1.00	1.00	1.00	1.00	.90	1.00	1.00	1.20	1.25	1.20
1.50	1.25	1.30	1.13	1.05	1.10	1.25	1.50	1.50	1.40
3.00	2.70	3.00	2.60	2.55	2.50	2.50	3.00	2.70	2.75
25.00	15.00	10.00	12.00	35.00	15.00	50.00	10.00	20.00	12.00
1.00	.50	1.00	.60	.50	.60	.75	1.00	1.25	.66
1.30	1.20	1.00	.92	.90	1.00	1.25	1.00	1.50	1.05
1.50	1.60	1.50	1.30	1.15	1.30	1.50	1.55	1.50	1.37
3.00	3.00	3.50	3.15	2.75	1.70	4.00	3.50	3.50	3.65
.80	.70	.50	.40	.70	.55	.75	1.00	.60	.64
1.10	1.00	.70	.65	.76	.75	.75	1.50	.50	.97
1.50	1.50	.90	1.00	.90	1.05	.80	1.75	1.25	1.43
1.65	2.00	1.20	1.25	1.05	1.50	1.10	2.00	2.00	1.92
2.50	2.50	2.60	2.68	2.60	2.75	3.00	3.25	2.60	2.70
450.00	500.00	500.00	400.00	400.00	750.00	600.00	750.00	500.00	610.00
19.00	20.00	20.00	18.00	16.50	15.00	20.00	15.00	20.00	23.00
2.50	3.00	3.00	3.05	3.00	3.00	2.60	3.00	3.00	3.80
75.00	30.00	50.00	20.00	40.00	7.00	125.00	50.00	100.00	25.00
50.00	25.00	40.00	12.00	40.00	8.00	125.00	7.14	100.00	29.00
3.00	3.00	3.00	2.00	3.00	3.00	2.00	3.00	3.00	2.50
8.00	30.00	55.00	12.00	60.00	3.00	2.00	25.00	25.00	8.10
3200.00	3500.00	3500.00	3500.00	3300.00	6000.00	5000.00	1500.00	4000.00	3000.00
2200.00	3500.00	2000.00	2250.00	1200.00	2000.00	5000.00	1500.00	3000.00	2510.00
1750.00	1500.00	1000.00	900.00	600.00	3000.00	5000.00	1000.00	1000.00	1520.00

- BILLBOARD, 813; S. 16th St. from Howard to Shotwell; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.
- ALTER Bldg. \$50, 4742 Mission St.; owner, B. Cavaglia & Bacigalupo, 319 London St.
- ALTER laundry, \$40; 2108 Sutter St.; owner, Fong Sang, premises; contractor, Sun Lee, 113 Waverly Pl.
- ALTER flats, \$100; 744 Hayes St.; owner, Mrs. Bryson, 129 9th Ave.
- SIGN, electric, \$280; 1900 Van Ness; owner, Ernest Inghol Co., 1700 Van Ness Ave.; contractor, Drummed Electric Sign Co., 965 Folsom St.
- WALL, fire, \$235, 348-50 Golden Gate Ave. owner, Norris Beggs and Simpson, 243 Kearny St.; contractor, Mortenson Const. Co., 10th and Indiana Sts.
- ALTER comfort station, \$500; SW Golden Gate Ave. and Divisadero; owner, Tide Water Associated Oil Co., 79 New Montgomery St.
- ALTER dwelling, \$900; 3 Presidio Terrace; owner, Royal Ins Co., Ltd., 50 Sansome St.
- contractor, H. J. Davies Co., 3846 Geary Blvd.
- FLUE, \$15, 223 Felton St.; owner, A. Larson, premises; contractor, P. T. Pirani, 325 Wayland St.
- ALTER office bldg., \$300; 201 Sansome St.; owner, Royal Ins Co., Ltd., 50 Sansome St.
- SIGN, electric, \$20; 1324 Fillmore St.; owner, Mr. Barkan, prem.; contractor, A. J. Raymond, Inc., 712 Sansome St.
- SIGN, electric, \$100 Drumm St.; \$100, owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, 6698 Geary Blvd. owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100; 1091 Columbus; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100; 200 11th Street; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, 4400 Mission St.; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, 1591 Geary St.; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, 3099 24th St.; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, 2 Joost Street; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- SIGN, electric, \$100, Germany & Siskies; owner, Union Oil Co., premises; contractor, Elec. Prod. Corp., 910 Harrison St.
- BILLBOARD, 87 W. Folsom St. 85 S. 19th St. owner and contractor, West Coast Adv. Co., 1430 Divisadero St.
- ALTER restaurant, \$45; 1319 California St.; owner, G. D. Hogopian, 418 Broadway.
- SIGN, electric, \$250, 526 Broadway; owner, New Joe, prem. contractor, Drummed Elec. Sign Co., 965 Folsom St.
- ALTER dwelling, \$800, 124 Vicksburg St.; owner, Dora Scibone, 4021-A 23rd St.
- ALTER sign, \$200, 1183 Market St.; owner, J. H. Lee, 300 N. 10th St.; contractor, Drummed Elec. Sign Co., 965 Folsom St.
- ALTER sign, \$800, 880, 124 Vicksburg St.; owner, Dora Scibone, 4021-A 23rd St.
- ALTER sign, \$200, 1183 Market St.; owner, J. H. Lee, 300 N. 10th St.; contractor, Drummed Elec. Sign Co., 965 Folsom St.

**KERN COUNTY—GRADING AND PAVING—(State)**

(10) 22,500 sq. yds. salvaged rock sub-grade; 1601 c.y. Class A Portland cem. grade; 1601 sta. finishing rwy.; 1601 c.y. liquid asphalt, SC-2	(11) 16,500 tons min. aggregate, plant mix surf.; 225 lf. 24-in. CMP; 225 lf. 36-in. CMP; 6100 lf. laminated guard railing	(12) 118 miles move and reset property fences; 75 each monuments	(13) 5,200 M. gals. water; 160 c.y. remove concrete; 247,000 c.y. rwy. excav., incl. 300,000 cu. yd. filling	(14) 30,400 tons min. agg. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(15) 8,000 sq. yds. asphalt, paint binder; 450 c.y. salvaged rock borders; 34,000 lbs. bar reinf. steel;	(16) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(17) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(18) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(19) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(20) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(21) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(22) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(23) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(24) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(25) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(26) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(27) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(28) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(29) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(30) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(31) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(32) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.	(33) 12,000 sq. yds. asphalt, conc. Type A surface, 465' asphalt, conc. Type A surface, 465' asphalt, conc.
(E) \$180,000	(F) \$200,000	(G) \$500,000	(H) \$150,000	(I) \$100,000	(J) \$100,000	(K) \$100,000	(L) \$100,000	(M) \$100,000	(N) \$100,000	(O) \$100,000	(P) \$100,000	(Q) \$100,000	(R) \$100,000	(S) \$100,000	(T) \$100,000	(U) \$100,000	(V) \$100,000	(W) \$100,000	(X) \$100,000	(Y) \$100,000	(Z) \$100,000	(AA) \$100,000	(AB) \$100,000

er Lake, \$486,065.20.  
 (E) H. Ryan, San Diego, \$183,570.00.  
 (F) Hooley-Moore Co. and Friedrichson & Watson, Oakland, \$205,693.40.  
 (G) Hannham Co., San Francisco, \$307,573.85.  
 (H) United Concrete Pipe Corp., Los Angeles, \$519,216.55.  
 (I) Metropolitan Const. Co., Los Angeles, \$537,935.65.  
 (J) D. W. Thurston, Los Angeles, \$311,960.50.  
 (K) Gohns and Reed Co., Burbank, \$235.75.  
 (L) Nelson, Logan, Utah, \$549,000.  
 (M) Baslich Bros., Torrance, \$553,446.45.  
 (N) Daley Corp., San Diego, \$594,302.75.  
 Unit prices follow:

(1) \$180,000	(2) 2,750	(3) 3,000	(4) 2,750	(5) 3,000	(6) 2,750	(7) 3,000	(8) 2,750	(9) 3,000	(10) 2,750	(11) 3,000	(12) 2,750	(13) 3,000	(14) 2,750	(15) 3,000	(16) 2,750	(17) 3,000	(18) 2,750	(19) 3,000	(20) 2,750	(21) 3,000	(22) 2,750	(23) 3,000	(24) 2,750	(25) 3,000	(26) 2,750	(27) 3,000	(28) 2,750	(29) 3,000	(30) 2,750	(31) 3,000	(32) 2,750	(33) 3,000
\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## WAR DEPARTMENT

**SACRAMENTO, Cal.—Until Dec. 7, 3:00 P. M.**, bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, for furnishing supplies and materials, as follows:

**BID NO. 1105-38-134:** Galvanized pipe, unions, crosses, plugs, reducers, sleeves and tees; **Job Rio Vista;**

**BID NO. 1105-35-135:** Copper cable lampholders, plates, switches, outlets and steam-tight fixtures, **Job Rio Vista;**

**BID NO. 1105-38-136:** Pipe dies, bushing, padlocks, handles, sand paper, batteries, floor plates, gaskets and machine screw nuts, **Job Rio Vista.**

**FORT MASON, Cal.—Until Dec. 8, 10 a. m.**, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-162, for furnishing charges, fire extinguisher liquid, acid bottles, pipe conductor, elbows and pipe straps; **f.o.b. Bldg. No. 74, Fort Mason, San Francisco.**

**SAN FRANCISCO—Until Dec. 10, 3 p. m.**, bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, San Francisco, under Bid No. 1937, for furnishing concrete meter boxes, frames and lids for the San Francisco Water Department for the term Jan. 1, 1938, to Dec. 31, 1938.

Plans and specifications may be obtained from the above office.

**SAN FRANCISCO—Until Dec. 10, 3 p. m.**, bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1938, for furnishing galvanized wrought steel pipe: (1) 5000-ft. 2-in.; (2) 2000-ft. 1½-in.; (3) 20,000-ft. ¾-in.

Plans and specifications may be obtained from the above office.

**FORT MASON, Cal.—Until Dec. 10, 10 a. m.**, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-165, for furnishing 2000 packing boxes, **f.o.b. Box Factory, Fort Mason, San Francisco.**

**FORT MASON, Calif.—Until Dec. 15, 10 a. m.**, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-165, for furnishing miscellaneous parts for Metropolitan cable mounted on White truck chassis, Model 14 by 4; **f.o.b. Presidio, Monterey, Calif.**

## MET. WATER DISTRICT

**LOS ANGELES, Cal.—Until Dec. 14, 10 A. M.**, bids will be received by Metropolitan Water District, Los Angeles, for ten electric motor lifters for use with circulating water pump; **Spec. 227.** Certified or cashier's check, \$1000 must accompany bids.

**LOS ANGELES, Cal.—Until Dec. 16, 4 P. M.**, bids will be received by the Metropolitan Water District Purchasing Agent for oil pumping units: 3 for Intake pumping plant, 3 for Gen. pumping plant, 4 for Iron Mt. pumping plant, 3 for Eagle Mountain pumping plant, and 3 for Hayfield pumping plant, **f.o.b. bidder's shipping point and/or delivery to Earp and/or Rice.** Certified or cashier's bid, \$5\* must accompany bid. **Dec. 91896.**

**LOS ANGELES, Cal.—Until Dec. 21, 10 A. M.**, bids will be received by the Metropolitan Water District, Los Angeles, for 65 helical-sewage or centrifugal-gear type lubricating oil pumps, together with electric driving motor, for use at Colorado River Aqueduct pumping plants; **Spec. 255.** Certified or cashier's check, \$1000, must accompany bid.

**LOS ANGELES, Calif.—Until Dec. 14 11 A. M.**, bids will be received by Metropolitan Water District, Los Angeles, for 62,500 tons of concrete aggregates for concrete lining for San Jacinto tunnel; **Spec. 259.**

Certified or cashier's check for 10% must accompany bid.

**LOS ANGELES, Calif.—Until Dec. 28, 10 A. M.**, bids will be received by Metropolitan Water District, Los Angeles, for two inlet gates with hydraulic cylinders for use in reservoir inlet structure at Hayfield pumping plant, **Spec. 258.** Equipment consists of two 6 ft. 6 in. by 12 ft. 4 in. C. I. gates with C. I. guides, and two hydraulic cylinders.

Certified or cashier's check for 10% must accompany bid.

## U. S. FOREST SERVICE

**SAN FRANCISCO—Until Dec. 8, 2 p. m.**, bids will be received by the Forest Service Regional Office, P. O. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1184, for furnishing an excavating and carrying scraper, **f.o.b. shipping point.** **Alt. A. Job. Del. R. 1, Cal.**

**GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Regional Office, Frank Haynie, San Francisco Government Island, for furnishing supplies and materials, as follows:**

**December 8, 2 P. M.**  
**BID NO. 5336:** 20000 tin boxes, **f.o.b. Government Island.**

**December 15, 2 P. M.**  
**BID NO. 5337:** 1000 tin boxes, **f.o.b. Government Island.**

**GOVERNMENT ISLAND, Calif.—Bids will be received by the Forest Service Regional Office, Frank Haynie, San Francisco Government Island, for furnishing supplies and materials, as follows:**

**DECEMBER 8, 2 P. M.**  
**BID NO. 5337:** 100 reams sulphite paper, **f.o.b. Government Island.**

**BID NO. 5338:** 1000 tin boxes and paper, **f.o.b. Government Island.**

**DECEMBER 15, 2 P. M.**  
**BID NO. 5342:** Canvas caps and work clothes, **f.o.b. Government Island.**

## SAN FRANCISCO CITY

**SAN FRANCISCO—Until Dec. 13, 3 p. m.**, bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 7901, for furnishing gasoline for the various City departments and Institutions for a term of one year from date of award.

Plans and specifications obtainable at above office.

**SAN FRANCISCO—Until Dec. 13, 3 p. m.**, bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1930, for furnishing hardware and castings for the term: Jan. 1, 1938, to June 30, 1939.

Plans and specifications may be obtained from above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO—Until Dec. 9, 10 A. M.**, bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 Fourth St., San Francisco, under Bid No. 1713, for furnishing 707 lf. of concrete pipe, **f.o.b. Hillside Drive and Cortez Ave., Burlingame.**

## NAVY DEPARTMENT

**WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and materials, as follows:**

**SOH 2170—Steel boiler tubes for eastern or western yards, Dec. 7.**

**SOH 2168 2325 lbs. boiled linseed oil and 20,925 lbs. raw, for eastern or western yards, Dec. 7.**

**SOH 2145—Lubricating guns for eastern or western yards, Dec. 7.**

**SOH 2167—6 motor-driven bench sensitive drills for Mare Island, Dec. 7.**

**SOH 2165—2 motor-driven sawing machines, rip and cross-cut, tilting arbor type, for Mare Island, Dec. 7.**

**SOH 2151 1065 recoil devices for carbon dioxide fire extinguishers for eastern and western yards, Dec. 10.**

**SOH 2146—Motor-driven milling machine for San Pedro, Dec. 7.**

**SOH 2205—One oil-burning galley range and spares for Mare Island, Dec. 14.**

**SOH 2159 475 plate glass mirrors, for eastern and western yards, Dec. 7.**

**SOH 2296—Aluminum and aluminum die cast parts eastern and western yards, Dec. 11.**

**SOH 2190—Silver solder for eastern and western yards, Dec. 7.**

**SOH 2293—One machine, glue jointing and edge molder for Mare Island, Dec. 10.**

**SOH 2261—One motor-driven single roller cabinet type surface grinder for San Pedro, Dec. 7.**

**SOH 2210—One motor-driven press table and one set of dies for Puget Sound, Dec. 11.**

**SOH 266-1257 6413 lbs. dichlorodimethylmercaptan for Mare Island, Dec. 10.**

**SOH 2224—Four gasoline marine engines for Mare Island, Dec. 14.**

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on State Project



*Eaton & Smith Low on Air Depot Contract*



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JOB  
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No. 47

## CLOSE BIDDING FOR BIG STATE ROAD CONTRACT

**Healy-Moore, Fredrickson & Watson Underbid Macco By Narrow Margin**

SACRAMENTO, Dec. 8. — The Oakland combination of Healy-Moore Co. and Fredrickson & Watson Construction Co. today underbid Macco Construction Company of Clearwater by less than \$650 for the Division of Highways' largest contract of recent weeks.

The Oakland bidders figured the 6.3-mile Los Gatos-Inspiration Pt. grading and surfacing job at \$895,045. Macco's proposal was \$895,686.00.

Other bids on the big contract ran as much as \$300,000 higher with 16 proposals received from all parts of California and one from Oregon.

### Total Bids

Complete total bids on the new link in the improved Los Gatos-Santa Cruz highway were as follows:

Healy-Moore & Fredrickson & Watson.....	\$ 895,045
Macco Const. Co. Clearwater.....	895,686
Granfield - Farrar & Carlin, San Francisco.....	916,136
United Conc. Pipe Corp. & D. McDonald.....	943,754
Fredericksen and Westbrook, Lower Lake.....	947,158
Harold Blake, Portland.....	962,192
Hanrahan Co., S. F.....	986,338
Union Paving Co., S. F.....	1,047,280
Mitty Bros. Const. Co., Los Angeles.....	1,091,415
A. Teichert & Son, Inc., Sacramento.....	1,096,893
Metropolitan Const. Co., Los Angeles.....	1,097,264
D. W. Thurston, L. A.....	1,127,294
Guy F. Atkinson, S. F.....	1,142,771
Utah Const. Co., S. F.....	1,274,761
J. E. Haddock, Ltd., and Crowe Bros. Const. Co., Pasadena.....	1,288,250
R. A. Bell, San Marino.....	1,298,671

Bids also were received by the Division of Highways here today for two other contracts.

### Inyo Grading

Silva & Hill Construction Co., Glendale, submitted a low bid of

## BUREAU ASKS BIDS ON TWO ARIZONA JOBS

District Engineer C. H. Sweetser of the Bureau of Public Roads yesterday issued two calls for bids for construction of a bridge and surfacing of 14.605 miles of highway in Coconino county, Arizona.

Bids on both jobs will be opened in the Federal Office Building, San Francisco, on December 28.

The first contract calls for construction of the Wilson Canyon Bridge on Section B of Route 7, the Oak Creek National Forest Highway in Coconino National Forest.

Principal items include: 1100 cubic yards of unclassified excavation for structures; 200 cubic yards of Class B concrete; 395 cu. yds. of Class D concrete; 92,000 pounds of reinforcing steel; 510,000 pounds of structural steel; and 165 cubic yards of cement rubble masonry.

### Bituminous Surfacing

The second job involves placing bituminous treated crushed rock surfacing (Class F) on Sections A1 and A2 of Route 1, and Sections A1, A2 and B of Route 2 in Grand Canyon National Park. Length of the project is 14.605 miles.

\$31,855 for grading and applying penetration oil treatment to 2.9 miles near Death Valley National Monument, Inyo county.

Total bids on the Inyo job were:

Silva & Hill Const. Co., San Bernardino.....	\$31,855
Triangle Rock & Gravel Co., San Bernardino.....	32,152
Minnis & Moody, L. A.....	32,846
Young & Son Co., Ltd., Berkeley.....	35,044
A. S. V. Inc. Co., Alhambra.....	38,282
Isbell Const. Co., Reno.....	43,532
John Rocca, San Rafael.....	44,836

Three bids were received for grading and surfacing about two miles near Bishop, Inyo county. Lowest of these was \$15,433, submitted by Basich Bros., Torrance. Other bidders were Young & Son Co., Ltd., Berkeley, \$20,801; and Triangle Rock & Gravel Co., San Bernardino, \$22,548.

## EATON & SMITH LOW ON DEPOT INTERIOR WORK

**Cory & Joslin Bid Heating, Ventilating; Reliable Elevator Low on Electrical Work**

SACRAMENTO, Dec. 7. — Low bids aggregating approximately \$473,000 were submitted to the office of the Constructing Quartermaster at the army air depot near here today for construction of interior work in the Air Corps Engineering Shop and Repair Dock.

Low bidder for general work, which includes partitions, floors, doors, sash, plumbing and gas fitting, was the San Francisco firm of Eaton & Smith, 715 Ocean Ave., at \$306,500.

Other bidders on the first proposition, for general work, included James I. Barnes Construction Co., St. Louis, \$319,000; MacDonald & Kahn, San Francisco, \$322,223, and K. E. Parker Co., San Francisco, \$322,390.

On Item II, for heating and ventilating, Cory & Joslin, Inc., 50 Hawthorne street, San Francisco, submitted a low bid of \$59,783.

Only two other bids were received for heating and ventilating work. They were from Anderson & Rowe, San Francisco, at \$61,315 and M. R. Carpenter, Sacramento, at \$68,455.

Reliable Elevator Works, 619 California street, Sacramento, submitted a low proposal of \$107,200 on Item III, for electrical work. Charles A. Langda's, San Francisco, at \$115,390, and Scott-Buttner Electric Co., Oakland, at \$119,767, submitted second and third low bids, respectively.

Other bidders for electrical work were Kenney Electric Co., San Francisco, \$125,956; Alta Electric & Mechanical Co., San Francisco, \$132,221; Abbott Electric Co., San Francisco, \$137,300; Central Electric Co., San Francisco, \$144,000; and Luppen & Hawley, Inc., Sacramento, \$141,988.

More than 1600 building trades mechanics were at work in San Francisco last month, according to the Industrial Association job-to-job survey.

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Contractor	Amt.
259	Gen. Engrg. De Lano	1100
260-3	Hansen	4000
264	McDonald	3500
265	Nelson	4500
266	Neumiller	4000
267	Pielhop	3000
268	Texas	1500
269	Grahn	2000
270	Heyman	Owner
271	Russell	4250
272-7	Stoneson	Owner
280-1	Doelger	Owner
(280-1)	Doelger	Owner
282	Lurie	Cahill 60000
283	Botcher	Owner 2000
284	Christensen	Owner 4000
285	Clarke	Petersen 1000
286	Continental	Owner 1000
287	De Costa	Owner 1500
235	E. & J. Realty	Rousseau 16000
239	8th & Mkt.	Phoenix 1000
240	Heglin	Heglin 3500
241	Mills	Owner 2000
242-7	Standard	Owner 3500
248	Gallenkamp's	QRS 1900
249-51	Rousseau	Owner 8000
252	Sharbore	Owner 9000
253	Hill	Cahill 2000
254-6	Lindsay	Owner 3000
257	Lindsay	Owner 3950
258	Tide Water	Kelly 2000

**ALTERATIONS**  
 (259) 1007-9 BATTERY ST. Alter poultry house.  
 Owner—General Engrg. & Drydock Co., 1100 Sansome St.  
 Contractor—De Lano Bros. Co., 70 Spear St.  
 Architect—Not Given. \$1100

**DWELLING**  
 (260) S. NIAGARA, 125 W DELA-NO One-story and basement frame dwelling  
 Owner—Hansen & Hansen, 2401 San Jose Ave.  
 Architect—L. J. Klein, Mill Valley. \$4000

**DWELLING**  
 (261) S. NIAGARA, 25 W DELA-NO One-story and basement frame dwelling.  
 Owner Hansen & Hansen, 2401 San Jose Ave.  
 Architect—L. J. Klein, Mill Valley. \$4000

**DWELLING**  
 (262) S. NIAGARA, 100 W DELA-NO One-story and basement frame dwelling.  
 Owner—Hansen & Hansen, 2401 San Jose Ave.  
 Architect—L. J. Klein, Mill Valley. \$4000

**DWELLING**  
 (263) S. NIAGARA, 150 W DELA-NO One-story and basement frame dwelling  
 Owner—Hansen & Hansen, 2401 San Jose Ave.  
 Architect—L. J. Klein, Mill Valley. \$4000

**DWELLING**  
 (264) N. IRVING, 70 W 27TH AVE One-story and basement frame dwelling  
 Owner—Frank P. McDonald, 1289 27th Ave.  
 Contractor—Claude T. Lindsay, 820 Taraval St.  
 Architect—Not Given \$3500

**DWELLING**  
 (265) E. 20TH AVE, 81 N OCEAN AVE. One-story and basement frame dwelling.  
 Owner—Fernando Nelson & Sons, 2901 19th Ave.  
 Architect—Not Given. \$4500

**DWELLING**  
 (266) N. ULLOA, 955 W. SIDNEY WAY. Two-story frame dwelling.  
 Owner—Lester G. Neumiller, 40 Brady St.  
 Contractor—Peder Andersen, 40 Brady St.  
 Architect—Not Given. \$4000

**ALTERATIONS**  
 (267) 147 CALIFORNIA ST. Alter apartments.  
 Owner—Adele Pielhop, c/o Contractor.  
 Contractor—Barrett & Hiip, 918 Harrison St.  
 Architect—Not Given. \$3000

**SERVICE STATION**  
 (268) SW MISSION AND 8TH STS. Steel service station.  
 Owner—The Texas Co., Hearst Bldg.  
 Contractor—H. T. Gettins Co., 268 13th St.  
 Architect—Not Given. \$1500

**DWELLING**  
 (269) S. GILMAN 150 W Griffith. One - story and basement frame dwelling  
 Owner and Builder—Wm. H. Grahn, 2965 Mission St.  
 Architect—Not Given. \$3,000

**DWELLING**  
 (270) S. WOOLSEY 70 E Brussels. One - story and basement frame dwelling  
 Owner and Builder—Heyman Bros., 742 Market Street.  
 Architect—Not Given. \$4,250

**ALTERATIONS**  
 (271) E CYPRESS 125 S 25th St. Alter dwelling.  
 Owner—W. Russell, c/o Contractor.  
 Contractor—Miller and McGillis, 4444 Geary Blvd.  
 Architect—Not Given. \$2,000

**DWELLING**  
 (272) NW ALEMANY BLVD. 152 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (273) NW ALEMANY BLVD. 26 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (274) NW ALEMANY BLVD. 101 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (275) NW ALEMANY BLVD. 51 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (276) NW ALEMANY BLVD. 127 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (277) NW ALEMANY BLVD. 76 SW Mt. Vernon. One-story and basement frame dwelling.  
 Owner and Builder—Stoneson Bros., 1 Sloat Blvd.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (278) N KIRKHAM 95 E 39th Ave. One - story and basement frame dwelling.  
 Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (279) N KIRKHAM 95 W 38th Ave. One - story and basement frame dwelling.  
 Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.  
 Architect—Not Given. \$3,500

**DWELLING**  
 (280) W 17th AVE. 300 S Moraga. One - story and basement frame dwelling  
 Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.  
 Architect—Not Given. \$4,000

**DWELLING**  
 (281) NW 38th AVE and Kirkham. One - story and basement frame dwelling.  
 Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.  
 Architect—Not Given. \$4,000

**OFFICE BLDG.**  
 (282) SW VAN NESS AVENUE and Redwood. Five-story Class B office building.  
 Owner—The Lurie Co., 333 Montgomery St.  
 Contractor—Carhill Bros., 206 Sansome Street.  
 Architect—W. D. Peugh, 333 Montgomery Street.  
 Engineer—F. W. Kellberg, 320 Market Street. \$60,000

**DWELLING**  
 (283) W. RAMSELL, 225 N. RAN-DOLPH ST. One-story and basement frame dwelling.  
 Owner—Geo. Botcher, 175 Ramsell St.  
 Architect—Not Given. \$2000

**DWELLING**  
 (234) W. 28TH AVE., 200 N SAN-TIAGO. One-story and basement frame dwelling.  
 Owner—Herman Christensen, 1801 19th Ave.  
 Architect—C. O. Clausen, 746 46th Ave. \$4000

**ALTERATIONS**  
 (235) 1931 SUTTER ST. Alter restaurant.  
 Owner—J. Clarke, Prem.  
 Contractor—Antone Petersen & Sons, 2758 San Bruno Ave.  
 Architect—Not Given. \$1000

**ALTERATIONS**  
 (236) 697 THIRD ST. Alter restaurant.  
 Owner—Continental Dairy Lunch, Prem.  
 Contractor—Not selected.

Architect—Martin A. Sheldon, 681 Market St. \$1000

**ALTERATIONS**

(237) 430 CLIPPER ST. Alter flats. Owner—Mr. de Costa, Prem. Architect—Not Given. \$1500

**OFFICE BLDG.**

(238) N. ELLIS, 160 W. JONES ST. Two-story class C office bldg. Owner—E. & J. Realty Co., Cal-Hyde Hotel. Contractor—Oliver M. Rousseau, 321 Kearny St. Architect—Wm. F. Gunnison, 251 Kearny St. Engineer—Jas. M. Smith, 251 Kearny St. \$18,000

**ALTERATIONS**

(239) 62 SEVENTH ST. Alter hotel. Owner—Elgith & Market Realty Co., 1175 Market St. Contractor—Phoenix-Simpton Co., 520 Sixth St. Architect—Not Given. \$1000

**DWELLING**

(240) W. 30TH AVE., 110 S. IRVING ST. One-story and basement frame dwelling. Owner—Ben Heglin, 1245 24th Ave. Contractor—Phil Heglin, 1245 24th Ave. Architect—Not Given. \$3500

**ALTERATIONS**

(241) 333 PINE ST. Alter offices. Owner—Mills Estate, Inc., 1988 Mills Bldg. Architect—Not Given. \$2000

**DWELLING**

(242) E. 30TH AVE., 25 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**DWELLING**

(243) E. 30TH AVE., 75 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**DWELLING**

(244) W. 29TH AVE., 75 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**DWELLING**

(245) W. 29TH AVE., 50 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**DWELLING**

(246) E. 30TH AVE., 50 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**DWELLING**

(247) W. 29TH AVE., 25 N. MORAGA. One-story and basement frame dwelling. Owner—Standard Bldg. Co., 1500 Judah St. Architect—Not Given. \$3500

**ELECTRIC SIGN**

(248) 422 SECOND ST. Electric sign. Owner—GallenKamp Stores Co., c/o Contractor. Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave. Architect—Not Given. \$1900

**DWELLING**

(249) S. JACKSON, 63 W. PRESIDIO AVE. Two-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$8000

**DWELLING**

(250) S. JACKSON, 34 W. PRESIDIO AVE. Two-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$8000

**DWELLING**

(251) S. JACKSON, 92 W. PRESIDIO AVE. Two-story and basement frame dwelling. Owner—Oliver M. Rousseau, 321 Kearny St. Architect—Not Given. \$8000

**DWELLING**

(252) E. DIVISADERO, 137 S. OF VALLEJO. Two-story and basement frame dwelling. Owner—Sharboro & Jorgensen, 207 Walnut St. Architect—John Ahnden, 822 39th Ave. \$9000

**ALTERATIONS**

(253) 1201 CALIFORNIA ST. Alter apartments. Owner—Hill Investment Co., Prem. Contractor—Cabill Bros., 206 Sansome St. Architect—Not Given. \$2000

**DWELLING**

(254) E. 35TH AVE., 225 S. RIVERA. One-story and basement frame dwelling. Owner—Claude T. Lindsay, 820 Taraval St. Architect—Not Given. \$3000

**DWELLING**

(255) E. 35TH AVE., 175 S. RIVERA. One-story and basement frame dwelling. Owner—Claude T. Lindsay, 820 Taraval St. Architect—Not Given. \$3000

**DWELLING**

(256) E. 35TH AVE., 200 S. RIVERA. One-story and basement frame dwelling. Owner—Claude T. Lindsay, 820 Taraval St. Architect—Not Given. \$3000

**DWELLING**

(257) E. 35TH AVE., 250 S. RIVERA. One-story and basement frame dwelling. Owner—Claude T. Lindsay, 820 Taraval St. Architect—Not Given. \$3950

**ALTERATIONS**

(258) NW HOWARD AND HOLLAND COURT. Alter service station. Owner—Tide Water Assoc. Oil Co., Prem. Contractor—Robert P. Kelly, 1434 Lawton St. Architect—Not Given. \$2000

ALAMEDA COUNTY				
No.	Owner	Contractor	Am't	
371	Shevill	Malmstrom	4300	
572	Shevill	Malmstrom	4200	
373-R	Wood	Nelson	3200	
277	Amborn	Owner	2500	
378	Davis	Davis	3400	
379	Ness	Owner	3800	
750	Quads	Larsen	5900	
281	Page & E	Owner	106000	
282	Fry	Davis	3500	
283	Dillon	Owner	1800	
284	Sullivan	Constable	4500	
385	Cary	Owner	1200	

386	Hill	Owner	6000
387	Larmer	Owner	4600
388	Palmer	Muller	4800
389	Stokeley	Renfrow	3000
390	Erinlett	Owner	3600
391	Burwell	Owner	1500
392	Cherry	Owner	1500
393	Linton	Patterson	5500
394	Ratto	Webb	1800
395	Scherman	Spivock	3800
396	Smith	Dynes	1500
397	Walch	Nicholson	2000
398	Wright	Muller	1400
399-102	Hawley	Van Aast	2500
103	Cuttler	Carlson	1000
104	Kaiser	Owner	3500
105	Andrews	Owner	1400
106	McCarthy	Owner	5500

**DWELLING**

(371) 72 TAMALPAIS RD., BERKELEY. One-story 4-room frame dwelling and garage. Owner—Mr. and Mrs. Rudolph Shevill, 77 Tamalpais Rd. Contractor—J. E. Malmstrom, 6856 Broadway Terrace, Oakland. Architect—Winfield & Wellington, 255 California St., San Francisco. \$4300

**DWELLING**

(372) 74 TAMALPAIS RD., BERKELEY. One-story 5-room frame dwelling. Owner—Mrs. E. Shevill, 77 Tamalpais Road. Contractor—J. E. Malmstrom, 6856 Broadway Terrace, Oakland. Architect—Winfield & Wellington, 255 California St., San Francisco. \$4200

**DWELLING**

(373) 1336 CURTIS, BERKELEY. One-story 5-room frame dwelling and garage. Owner—G. L. Wood, 1200 Washington St., Albany. Contractor—F. N. Nelson & Son, 216 Center St., El Cerrito. Architect—S. F. Hyde. \$3200

**DWELLING**

(374) 1338 CURTIS, BERKELEY. One-story 5-room frame dwelling and garage. Owner—G. L. Wood, 1208 Washington St. Contractor—F. N. Nelson & Sons, 216 Center St., El Cerrito. Architect—S. F. Hyde. \$3200

**DWELLING**

(375) 1342 CURTIS, BERKELEY. One-story 5-room frame dwelling and garage. Owner—G. L. Wood, 1208 Washington St. Contractor—F. N. Nelson & Sons, 216 Center St., El Cerrito. Architect—S. F. Hyde. \$3200

**DWELLING**

(376) 1340 CURTIS, BERKELEY. One-story 5-room frame dwelling and garage. Owner—G. L. Wood, 1208 Washington St. Contractor—F. N. Nelson & Sons, 216 Center St., El Cerrito. Architect—S. F. Hyde. \$3200

**DWELLING**

(377) W. MOORE DR. LOT 1991, FORESTLAND HEIGHTS, Oakland. One-story 4-room dwelling. Owner & Builder—Harriet L. Amborn, 5720 Nottingham Dr. Architect—Not Given. \$2500

**DWELLING**

(378) 1535 DURANT AVE., OAKLAND. One-story 4-room dwelling. Owner—Ruth Wood Davis, 621 Belgruer Ave., San Leandro. Contractor—Stanley M. Davies, 610

Bancroft Ave., San Leandro. Also 1-story garage, \$250. Architect—Not Given.	\$3400	DWELLING (390) 6043 OUTLOOK AVE., OAKLAND. One-story 4-room dwelling. Owner and Builder—Robert Trimlett, 924 Santa Clara Ave., Oakland. Architect—Not Given.	\$3,000	story 4-room frame dwelling and garage. Owner—Stuart Hawley, Jr., 1515 Financial Center Bldg. Contractor—W. Van Aalst, 2039 34th Ave., Oakland. Architect—D. Stegman, 608 16th St., Oakland.	\$2500
DWELLING (379) 4096 WHITTE AVE., OAKLAND. One-story 6-room dwelling. Owner & Builder—Peter Ness, 3126 California St. Architect—Not Given.	\$3800	UTILITY BUILDING (391) 6519 FOTHELL BLVD., OAKLAND. One-story utility bldg. Owner & Builder—Burwell & Crowley, Prem. Architect—Not Given.	\$1500	DWELLING (402) 1606 NINTH, BERKELEY. 1-story 4-room frame dwelling and garage. Owner—Stuart Hawley, Jr., 1515 Financial Center Bldg. Contractor—W. Van Aalst, 2039 34th Ave., Oakland. Architect—D. Stegman, 608 16th St., Oakland.	\$2500
MIXING PLANT (380) 601 36TH AVE., OAKLAND. Eutane Mixing Plant. Owner—Owens-Illinois Pacific Coast Co., Prem. Contractor—Larsen & Larsen, 629 Branch St., San Leandro. Architect—Not Given.	\$5000	DWELLING (392) 866 34TH ST., OAKLAND. One-story 4-room dwelling. Owner & Builder—Clarence Cherry, 864 34th St. Architect—Not Given.	\$1500	SHOP (403) 3027 SAN PABLO AVENUE, BERKELEY. One-story concrete shop. Owner—A. J. Cuttler, 3105 San Pablo Ave. Contractor—H. E. Carlson, 351 Taurus Ave. Architect—Not Given.	\$1000
ADDITION (381) SE COR. 1ST AND GROVE STS., OAKLAND. One-story concrete addition. Owner & Builder—Pacific Gas & El. Co., 245 Market St., San Francisco. Architect—Not Given.	\$100,000	DWELLING (393) 4506 VIRGINIA AVE., OAKLAND. One-story 5-room dwelling. Owner—G. W. Linton, 4622 E. 14th St. Contractor—J. F. Patterson, 1439 55th Ave. Architect—Not Given.	\$3500	BUNKER (404) W. 5TH AVE., 100 S E. 7TH ST., Bunker. Owner & Builder—Henry J. Kaiser Co., 1522 Latham Square Bldg. Architect—Not Given.	\$3500
DWELLING (382) 1907 DURANT AVE., OAKLAND. One-story 4-room dwelling. Owner—Mary O. Perry, Prem. Contractor—Stanley M. Davis, 640 Bancroft Ave., San Leandro. Also 1-story garage, \$200. Architect—Not Given.	\$3500	ALTERATIONS (394) 1059 45TH AVE., OAKLAND. Alterations. Owner—Manuel Ratto, Prem. Contractor—Webb & Whalin, 2930 22nd Ave. Architect—Not Given.	\$1860	DWELLING (405) 6554 GWIN RD., OAKLAND. One-story 3-room dwelling. Owner and Builder—Rex B. Andrews, 2429 13th Ave., Oakland. Architect—Not Given.	\$1400
DWELLING (383) 1710 LA LOMA, BERKELEY. Two-story 4-room dwelling and garage. Owner & Builder—B. M. Belton, 1700 La Loma, Berkeley. Architect—Not Given.	\$1800	DWELLING (395) 1533 26TH AVE., OAKLAND. One-story 5-room dwelling. Owner—Sol Scherman, 1538 26th Ave. Contractor—Win. Spivock, 544 Golden Gate Ave., San Francisco. Architect—Not Given.	\$3800	DWELLING (406) 3025 DAVIS ST., OAKLAND. Owner and Builder—Daniel McCarthy, 6715 San Leandro St., Oakland. Architect—Not Given.	\$5,500
DWELLING (384) 1090 KEELER AVE., BERKELEY. One-story five-room frame dwelling. Owner—Frank Sullivan, 1736 Franklin St., Oakland. Contractor—W. C. Constable, 8431 A St., Hayward. Architect—J. H. Geering, Oakland.	\$4500	ADDITION (396) 428 HADDON ROAD, OAKLAND. Addition and alteration. Owner—H. C. Smith, Prem. Contractor—L. C. Dynes, 363 10th St. Architect—Not Given.	\$1500	Also 1-story garage, \$500.	
ALTERATIONS (385) 4135 GILBERT ST., OAKLAND. Alterations and addition. Owner and Builder—Frank M. Cary, 4135 Gilbert Street Architect—Not Given.	\$1200	ALTERATIONS (397) 848 LONGRIDGE RD., OAKLAND. Alterations and additions. Owner—Jas. C. Walsh, Prem. Contractor—D. W. Nicholson, 357 12th St. Architect—W. E. Schirmer, 1106 Broadway.	\$2000		
DWELLING (386) 8 SONIA ST., OAKLAND. Two-story 6-room dwelling. Owner and Builder—Frank R. Hill, 3245 Fruitvale Ave., Oakland. Architect—Not Given.	\$6,000	ADDITION (399) 6319 CONTRA COSTA ROAD, OAKLAND. Addition. Owner—E. M. Wright, Prem. Contractor—Hugo Muller, 6339 Contra Costa. Architect—John D. Waggonet, Financial Center Bldg.	\$1400		
DWELLING (387) 5169 HARBOR DR., OAKLAND. One-story 5-room dwelling. Owner—Edward M. Larmer, 90 Fairview Ave., Oakland. Architect Irwin Johnson, 2219 7th Ave., Oakland	\$4,600	DWELLING (399) 935 VIRGINIA, BERKELEY. One-story 4-room frame dwelling and garage. Owner—Stuart Hawley, Jr., 1515 Financial Center Bldg., Oakland. Contractor—W. Van Aalst, 2039 34th Ave., Oakland. Architect—D. Stegman, 608 16th St., Oakland.	\$2500		
ADDITION (388) 474 OAKLAND AVE., OAKLAND. Addition. Owner—Mrs. L. Palmer, 1006 Rose Ave., Oakland. Contractor—F. A. Muller, 1416 Jefferson St., Oakland Architect—Not Given.	\$4800	DWELLING (400) 945 VIRGINIA, BERKELEY. One-story 4-room frame dwelling and garage. Owner—Stuart Hawley, Jr., 1515 Financial Center Bldg., Oakland. Contractor—W. Van Aalst, 2039 34th Ave., Oakland. Architect—D. Stegman, 608 16th St., Oakland.	\$2500		
ALTERATIONS (389) 5601 E 14th T., OAKLAND. Alterations. Owner—Stokeley Bros. & Co., 5601 E 14th St., Oakland. Architect—J. Q. Renfrow, 1154 57th Ave., Oakland.	\$3,000	DWELLING (401) 1640 NINTH, BERKELEY. 1-			

### BUILDING CONTRACTS SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amount
222	Hearst	Parker	73506
223	Kaufman	Tait	18137
224	Morrill	Zincand	6948
225	E. & J. Realy	Rousseau	22628
226	P & T Co	Exley	475

ALTERATIONS	TOTAL COST
(222) SE THIRD AND MARKET STS. Alter Hearst office building.	\$73,506
Owner—Wm. R. Hearst, Edw. H. Parker, Wm. A. Magee.	Bond, \$39,000. Surety, K. E. Parker.
Contractor—K. E. Parker Co.	Plans and specifications filed.
Filed Dec. 2, '37. Dated Nov. 30, '37	
75% 10th of each month;	
25% usual 35 days.	

ALTERATIONS	TOTAL COST
(223) 838 MARKET ST. Alter store.	\$18,137
Owner—Sommer & Kaufmann, Inc., 838 Market Street.	Limit, Feb. 18. Plans and specifications filed.
Architect—Albert R. Williams, 251 Post St.	
Contractor—W. C. Tait, 1395 Trestle Glen, Oakland.	
Filed, Dec. 3, '37. Dated, Nov. 29, '37.	
February 1, 75% of cost.	
Upon completion, 75%.	
Usual 35 days, 25%.	

DWELLING	TOTAL COST
(224) SE LINARES AVE. and Ortega St. One-story and basement frame dwelling.	\$18,137
Owner—Lena M. Morrill.	Limit, Feb. 18. Plans and specifications filed.
Architect—Geo. E. Ralph, 110 Sutter	



Contractor—Ed. Zinzand & Son.  
Filed, Dec. 9, '37. Dated, Dec. 1, '37.  
Frame complete ..... \$1737  
Brown coated ..... 1737  
Completion ..... 1737  
Usual 35 days ..... 1737

TOTAL COST, \$6,945

Bond, \$3474. Sureties, David Grandi and Ferdinand Terheyden. Limit, March 30. Plans and specifications filed.

**LOFT BUILDING**

(225) N. ELLIS, 160 W. JONES.  
Two-story Class C reinforced concrete loft building.

Owner—E. & J. Realty Co.  
Architect—Wm. F. Gunnison, 251 Kearny St.

Engineer—Jas. M. Smith, 251 Kearny Street.

Contractor—Oliver M. Rousseau.

Filed Dec. 9, '37. Dated Nov. 4, '37  
Foundations poured ..... \$2200  
First floor poured ..... 4385  
Fire wall poured ..... 4386  
White coated ..... 3000  
Completion ..... 3000  
Usual 35 days ..... 5657

TOTAL COST, \$22,628.00

Plans and specifications filed.

**ALTERATIONS**  
51 WEST CLAY PARK. Alter dwelling.

Owner—R. M. Barthold.  
Architect—Fabre & Hildebrand.  
Contractor—H. S. Meinberger.  
Filed Nov. 30, '37. Dated Nov. 29, '37  
Brown coat on ..... \$1277  
Completion ..... 1300  
Usual 35 days ..... 865

TOTAL COST, \$3,432.00

Bond, \$1,721. Sureties, Val Meinberger and F. W. Schultz. Forfeit, \$5. Limit, 40 days. Plans and specifications filed.

**PAINTING**  
(226) 35 RUSSIA AVE. Interior painting of telephone building.

Owner—Pacific Tel. & Tel. Co.  
Architect—Not Given.

Contractor—John G. Exley & Son.  
Filed, Dec. 8, '37. Dated, Nov. 23, '37.  
Completion ..... 75%  
40 days after ..... 25%

TOTAL COST, \$475.00

Bond, \$475. Sureties, Pacific Indemnity Co. Plans and Spec. filed.

**BUILDING CONTRACTS**  
ALAMEDA COUNTY

No. Owner	Contractor	Amt.
143 Walsh	Nicholson	2000
145 Noble	Adnerson	600

**ALTERATIONS**  
(143) 848 LONGRIDGE RD. OAKLAND. Alterations.

Owner—Mr. and Mrs. J. C. Walsh, 848 Longridge Road, Oakland.

Architect—W. E. Schirmer, 427 13th St., Oakland.

Contractor—D. W. Nicholson, 357 12th St., Oakland.

Filed, Dec. 2, '37. Dated, Dec. 1, '37. Payments Not Given.

Contractor on 10% basis.

TOTAL COST, \$2,000.00

Forfeit, \$5 per day. Limit, 23 days. Plans and specifications filed.

**SEA WALL**  
(145) DELMAR ST and Otis Drive Alameda. Concrete sea wall.

Owner—Geo. L. Noble.  
Architect—Not Given.

Contractor—W. H. Anderson  
Filed, Dec. 8, '37. Dated, Nov. 12, '37.  
35 days after completion

TOTAL COST, \$600.00

Limit, 30 days.

**SAN FRANCISCO CO. PERMITS**  
UNDER \$1000

ALTER store, \$900; 68 Sacramento; owner, M. & T. Co., 365 Sacramento St.; contractor, Mills Construction Co., 605 Market St.

ALTER shed, \$15; 291 20th St.; owner, T. E. La Belle, premises.

INSTALL sign, \$15; NW Polk and Hayes Sts.; owner, A. H. DeGuerre; premises; contractor, Michel and Pfeiffer Iron Works, Inc., 1415 Harrison St.

SIGN, electric, \$400; 417 Stockton St owner, Holding Hotel Co., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BILLBOARD, \$7; E Valencia 65 S 21th St.; owner and contractor, Foster & Kleiser Co., 1675 Eddy.

BILLBOARD, \$400; 300 Grace Street; owner and contractor, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, \$36; NE Haight and Ashbury Sts.; owner, Galenkamp Shoe Co., 422 Second St.; contractor, J. J. McLeod, 650 Fulton

FLUE, \$35; 2026 Mission St.; owner, Galenkamp Shoe Co., 422 Second St.; contractor, J. J. McLeod, 650 Fulton St.

FLUE, \$35; SE 21st Avenue and Kearny St.; owner, Galenkamp Shoe Co., 422 Second St.; contractor, J. J. McLeod, 650 Fulton.

STORE ROOM, 1-story frame, \$100; N Chestnut 42 W Pierce Street; owner, Grace Perego, 176 Sutter.

SIGN, electric, \$160; 25th and Potrero Ave.; owner, Tidewater Associated Oil Co., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FIREWALL, \$125; 689 Mission St.; owner, P. E. Tunnington Est., 65 Post St.; contractor, Patterson & Koster Iron Works, 250 13th St.

ALTER flats, \$298; 906 Steiner St.; owner, O. Kerr, premises; contractor, Kerr & Rokel, 666 Mission Street.

SIGN, electric, \$900; NE Market and McCoppin Sts.; owner, General Paint Corp., premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER office, \$100; 2204 Chestnut St.; owner, Grace Perego, 176 Sutter St.

FIREWALL, \$300; 67 Main St.; owner, Ira W. Coburn, 2048 Market; contractor, Patterson and Koster Iron Works, 250 13th St.

SIGN, electric, \$250; NW Bartlett and 2nd Sts.; owner, S. E. Ontario, premises; contractor, Elce Prod. Corp., 810 Harrison St.

SIGN, electric, \$210; SW Cor 25th and Potrero Ave.; owner, Tide Water Associated Oil Co., prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUE, \$88; 111 Mississippi; owner, Hochstadt Chemical Co., premises; contractor, General Sheet Metal, 1529 Pine St.

ALTER dwelling, \$150; 2507 Clay St.; owner, Marie Jensen, 2503 Clay; contractor, Lloyd O'Erion, 309 Pine St.

SIGN, electric, \$220; 515 Powell St.; owner, Peacock Sclan Serv., 515 Powell St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER dwelling, \$350; 154 Oxford St.; owner, R. Max, premises.

FLUE, cement, \$500; SW Fulton and Buchanan Sts.; owner, Acme Electric, premises; contractor, contractor, R. J. H. Forbes, 1067 Mission B Bldg.

ALTER flats, \$100; 762 Pine Street; owner, J. E. Hays, 525 Market; contractor, G. P. W. Jensen, 320 Market St.

**ALAMEDA COUNTY PERMITS**  
UNDER \$1000

RE-ROOF, \$120; 2021 Grant, Berkeley, owner, C. Traun, premises, contractor, New Art Roofing Co., 1307 Fruitvale.

ALTERATIONS, \$50, 2634 Piedmont, Berkeley; owner and contractor, Mr. Isham, 2634 Piedmont Ave.

ALTERATIONS, \$50; 5836 Foshall Blvd, Oakland; owner and contractor, Edith Cunningham, 438 28th St., Richmond.

ALTERATIONS, \$500; 471 12th St., Oakland; owner, Frank Ceratto, premises, contractor, D. N. Nicholson, 357 12th St.

REPAIR roof, \$17; 2816 Delaware St., Oakland; owner, C. Stedinger; contractor, W. H. Sankey, 828 31st St.

REPAIR roof, \$67; 2908 Delaware St.; owner, M. Jensen; contractor, W. H. Sankey, 828 31st St.

ALTERATIONS, \$155; 1716 16th St., Oakland; owner, Mr. Wilson; contractor, M. Coetich, 251 Adeline

ADDITION, \$300; 4113 Park Blvd., Oakland; owner Park Blvd. Presbyterian Church; contractor, R. M. McChesney, 1315 San Luis

ALTERATIONS, \$40; 802 E 14th St., Oakland; owner, E. Porata, 802 E 14th St.; contractor, F. J. Wallace, 907 Washington St.

ADDITION, \$50; 6457 Oakwood Dr., Oakland; owner and contractor, J. C. Radler, premises.

ALTERATIONS, \$320; 2693 76th Ave., Oakland; owner, H. I. Marquette, premises; contractor, Home Owners Imp. Co., 350 Robert St.

ALTER interior, \$400; 713 Petersen Ave., Oakland; owner and contractor, S. Pritchett, 1220 79th Avenue

REPAIRS, \$50; 3227 64th Ave., Oakland; owner and contractor, F. Kirwan, 554 El Dorado Ave.

ROOFING, \$310; 1594 Oakland Ave., Piedmont; owner, M. N. Williams, Prem.; contractor, Donnelly Roof Co., 1700 47th Ave., Oakland

GARAGE, \$150; 926 Kingston Ave., Piedmont; owner and contractor, H. F. Switzer, Prem.

RE-ROOFING, \$281; 135 Hillside Ave Piedmont; owner, C. C. Hainman, Prem.; contractor, D. E. Hendrick, 1515 14th Avenue, Oakland

ALTERATIONS, \$250; 58 Wildwood Gardens, Piedmont; owner, M. Wshraftig, Prem.; contractor, H. Givnan, 6023 Colby St., Berkeley; plans by W. Garris.

ROOFING, \$30; 18 King Ave., Piedmont; owner, R. M. Farran, 18 King Ave.; contractor, American Roofing Co., 383 10th St., Oakland.

ALTERATIONS, \$800; 60 Hazel Lane, Piedmont; owner, Sam Berman, Prem.; contractor, F. W. Anderson, 2111 Ashby Ave., Berkeley.

ALTERATIONS, \$200; 1130 Ranbough Way, Piedmont; owner and contractor, Arnold E. Foss, 1130 Ranbough Way.

SIGN, electric, savingsable, \$95; 759 E 12th St., Oakland; owner, Brull's Liquor Store, Prem.; contractor, Ace Elec Sign Co., 1243 E 12th St.

REPAIRS, roof, \$10; 3259 Piedrita St., Oakland; owner, M. Franka, Prem.; contractor, W. H. Sankey, 828 31st St.

REPAIRS, roof, \$18; 921 7th St., Oakland; owner, J. Weslos, Prem.; contractor, W. H. Sankey, 828 31st St.

ADDITION, \$120; 2274 E 17th Street, Oakland; owner and contractor, F. C. Borabek, Prem.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, new reports in this section are classified as follows:

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1.—Apartments                   | Offices                         |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants |
| 3.—Churches                     | 12.—Power Plants                |
| 4.—Factories and Warehouses     | 13.—Public Buildings            |
| 5.—Flats                        | 14.—F. Houses and Jails         |
| 6.—Garages and Service Stations | 15.—Residences                  |
| 7.—Federal Buildings            | 16.—Schools                     |
| 8.—Club Buildings               | 17.—Banks, Stores and Theatres  |
| 9.—Hospitals                    | 18.—Wharves & Docks             |
| 10.—Hotels                      | 19.—Misc. Const.                |
|                                 | 20.—Misc. Supplies &            |

### 1—APARTMENTS

Plans Being Figured  
**APARTMENT COURT** Cost, \$.....  
 RENO, Nevada.  
 Apartment court containing 17 rooms and 17 baths, tea room and shops.  
 Owner—Withheld.  
 Architect—Harold G. Stoner, 251 Kearny St., San Francisco.

Plans are being received by the owner from a selected list of local contractors.

### 3—CHURCHES

**CONTRACT AWARDED**  
 LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., has the contract for construction of a Class A reinforced concrete church (56x70-ft.) at Manchester and Vermont Avenues for St. Michaels Church; Rev. Mngr. Michael O'Gorman, pastor. Cost, \$150,000. Plans by Henry C. Newton, A.I.A., 502 Architects' Bldg.

**CONTRACT AWARDED**  
 LOS ANGELES, Calif.—Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid and was awarded contract at \$79,646, for construction of a class A church building at Manchester and Vermont Aves. for St. Michael's Church; Rev. Mngr. Michael O'Gorman, pastor. Cost, \$150,000. Plans by Henry Carlton Newton, A.I.A., 502 Architects' Bldg. An additional \$50,000 will be expended later for furnishings. 3

Preparing Working Drawings  
**ALTERATIONS** Cost, \$.....  
 SAN FRANCISCO. Belvedere and 17th Streets.

Alterations and additions to church (new front, cover interior walls and ceiling with fiber board, new toilets, new windows).  
 Owner—Catholic Apostolic Church of San Francisco.  
 Architect—Arnold Constable, 580 Market Street.

### 4—FACTORIES & WAREHOUSES

Preparing Plans  
**FACTORY BLDG.** Est. Cost, \$24,000  
 SAN FRANCISCO, Showell Street.  
 One-story Class C reinforced concrete factory building (195x74.6-ft.) steel trusses.  
 Owner—Coxon Company.  
 Architect—H. G. Stoner, 251 Kearny

To Ask Bids Shortly  
**WAREHOUSE** Est. Cost, \$100,000  
 SPOKANE, Wash. E. 426 Trent St., Northern Pacific right of way. One-story and basement warehouse

(320 x 200 ft.), brick walls, mill type of roof construction, concrete floors, steam heating system.

Lessee—Montgomery Ward & Co., Chicago.  
 Architect—N. Rognan (owner's staff), 1228 Railroad Bldg., St. Paul; Lowry Smith, office engineer).

It is reported that bids will be submitted by Guy F. Atkinson Co., Russ Bldg., San Francisco, Calif., and Drake, Wyman & Vostacek, 101 S. National Bank Bldg., Portland, Ore.

Preparing Plans  
**WAREHOUSE** Est. Cost, \$250,000  
 SPOKANE, Wash. Northern Pacific Right of Way.

One and two-story warehouse and office building (320 x 250 ft.), brick walls, concrete floors, steam heating system. Will contain 100,000 sq. ft. of floor space.

Lessee—Builder—International Harvester Co. of America.  
 Architect—Chicago Architectural Department of Builder. 4

**Contract Awarded**  
**WAREHOUSE** Cost, \$35,000  
 BERKELEY, Alameda Co., Cal. Warehouse.

Owner—The Palmolive-Peet Co., Carlton and 6th Sts., Berkeley.  
 Plans by Construction Department of the Owner.  
 Contractor—The Austin Co., Ray Bldg., Oakland.

**CONTRACT AWARDED**  
 SOUTH GATE, Los Angeles Co., Cal.—Lindgren & Swinerton, 605 W. Olympic Blvd., Los Angeles, awarded contract by the Armstrong Cork Co., Lancaster, Pa., for Unit No. 1 of a new manufacturing plant to be built by the company on 28-acre tract of land, located on the north side of the Southern Pacific railway, east of the intersection of Patata St. and Wilcox Ave., just outside the South Gate city limits. Unit No. 1 will consist of a 1-story brick office bldg., 35 x 50 ft. in area; a steel frame and corrugated iron manufacturing building, 85 x 240 ft. in area; a reinforced concrete power house; railway spurs and connections; roadways; pipe lines, and a fence around the entire site. Cost of Unit No. 1, including equipment, will total about \$300,000. Henry Boettcher, architect for the company, designed the plant. His representative on the job will be C. R. Simeral. 4

### 6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded  
**OFFICE BLDG.** Cost, \$60,000  
 SAN FRANCISCO, SW Cor. Van Ness Ave. and Redwood St.  
 Five-story and mezzanine reinforced office and loft building.  
 Owner—The Lurie Co., 333 Montgomery Street.  
 Architect—W. D. Peugh, 333 Montgomery St.

Structural Engineer—F. W. Kellberg, 320 Market St.  
 Contractor—Cahill Brothers, 206 Sansome Street.  
 Lumber—J. H. McCallum, 748 Bryant Street.

Concrete—Gulden Gate Atlas Materials Co., 16th and Harrison Sts.

Planned  
**SERVICE STATION** Cost, \$.....  
 SAN FRANCISCO, SW Cor. Golden

Gate Ave. and Octavia St. Gasoline service station.  
 Owner—Ridgeway Investment Co. Architect—Not Given.

Application for issuance of permit has been filed. 6

Bids In—Held Under Adjudgement  
**GARAGE** Cost, \$.....  
 LOS GATOS, Santa Clara Co., Calif. One-story reinforced concrete garage.  
 Owner—Peerless Stage Company. Architect—Edw. T. Foulke, 357 12th St., Oakland.

Plans were figured by a selected list of contractors.

Plans Completed  
**SERVICE STATION** Cost, \$.....  
 SAN FRANCISCO, California and Scott Streets.  
 New gasoline service station.  
 Owner—Union Oil Co. of California, Mills Tower, San Francisco.

Plans by Engr. Dept. of Owner.  
 Plans will be figured by a selected list of contractors in about one week.

Bids In—Announcement Shortly  
**SERVICE STATION** Cost, \$.....  
 MARTINEZ, Contra Costa Co., Calif. New gasoline service station.  
 Owner—Union Oil Co. of California, Mills Tower, San Francisco.  
 Plans by Engr. Dept. of Owner.

### 7—FEDERAL BUILDINGS

**BIDS WANTED**  
 BREMERTON, Wash.—Until Dec. 22, bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for insect screens in the U. S. Post Office at Bremerton. 7

**CONTRACT AWARDED**  
 PORT ANGELES, Wash.—Henry L. Grohne, Decatur, Ill., at \$177,800, awarded contract by the Procurement Division, Public Buildings Br., Washington, D. C., for a parachute packing loft in the Seaplane Hangar at the U. S. Coast Guard Air Station at Port Angeles. 7

**BIDS WANTED**  
 UKIAH, Mendocino Co., Cal.—Until Dec. 30, 10 A. M., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of sidewalk and street curb at the U. S. P. O. at Ukiah.  
 Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. a, Ukiah. 7

**CONTRACT AWARDED**  
 MODESTO, Stanislaus Co., Cal.—Scott Co., Inc., 243 Minna Street, San Francisco, at \$327, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for construction of a toilet room for men in the basement of the Modesto post office. 7

Site Selected  
**POST OFFICE** Cost, \$2,530  
 MANTECA, San Joaquin Co., Calif. Southwest corner of Maple Ave. and Center St.  
 Post office site (130x175-ft.).  
 Owner—United States Government.  
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.  
 Property submitted by A. C. Penchaker, et al.

**Bids Wanted—To Close March 1**  
**RESIDENCE** Cost, \$—  
**MANILA, P. I.**  
 Construction of residence, garage and servants' quarters for High Commercial Officer of United States Government. Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

The above buildings and another building are included in allotment of \$75,000. No specific estimated cost has been released to date for the garage, residence and servants' qtrs.

**BIDS WANTED**  
**LOS ANGELES HARBOR, Calif.**—Until December 20, 2 P. M., bids will be received by the Department of Justice at the office of Contracting Engineer, Federal Jail, Terminal Island, San Pedro, for furnishing all labor and materials and performing all work for the construction of four dwellings at the Federal Jail, Terminal Island, San Pedro. 7

**COMPLETE BIDS**  
**LIVERMORE, Alameda Co., Cal.**—Carl N. Swenson Co., 355 Stockton Ave., San Jose, at \$81,500, submitted low bid to the Veterans' Administration, Arlington Bldg., Washington, D. C., for construction of an addition to Infirmaries Bldg. No. 2, at Livermore, containing approximately 133,000 cubic feet.

Separate bids were received for (I) General Construction, including Plumbing, Heating and Electrical Work; and (II) Electrical Elevator.

**General Work**  
 Carl N. Swenson Co., San Jose, Cal.—\$81,500; Alt. A ded. \$1,500.

A. Nelson, Inc., San Francisco, Cal.—\$83,000; Alt. A ded. \$2,000.

Frank J. Reilly Co., San Francisco, Cal.—\$86,831; Alt. A ded. \$1,700.

Villades Bros., Inc., Oakland, Cal.—\$87,000; Alt. A ded. \$2,400.

Schuler & McDonald, Inc., Oakland, Cal.—\$88,335; Alt. A ded. \$2,300.

George Swanstrom, Oakland, Cal.—\$89,383; Alt. A ded. \$2,250.

James L. Barnes Springfield, Mo.—\$90,100; Alt. A ded. \$1,800.

W. P. Thurston Co., Richmond, Va.—\$99,100; Alt. A ded. \$1,300.

George B. Moore, Palo Alto, Cal.—\$95,100; Alt. A ded. \$900.

**Elevators**  
 Wm. A. Miller Machine & Elevator Co., St. Louis, Mo.—\$7,223.

Otis Elevator Co., Washington, D. C.—\$7,462.

Kimball Elev. Co., Los Angeles, Cal.—\$8,112.

**Site Acquired**  
**NAVAL AIR STATION**  
 Cost, \$14,500,000

**ALAMEDA, Calif.**  
 Naval air station to be used eventually as the base for airplane carriers of the fleet.

Owner—U. S. Government.

Plans by Bureau of Yards & Docks, Navy Department.

The Navy Department acquired title for \$100 to a 100,000 site in Alameda. Construction of naval air station will take about four years.

**BIDS WANTED**  
**LOS ANGELES, Calif.**—Until Dec. 28, 10 a. m., bids will be received by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for clearing certain portions of the site of the proposed new U. S. Parcel Post Building at Los Angeles.

Drawings and specifications may be obtained from the above office and from the Custodian of the Site at the U. S. Post Office at Los Angeles. 7

**BIDS REJECTED**  
**UKIAH, Mendocino Co., Calif.**—Procurement Division, Public Buildings Branch, Washington, D. C., rejected all bids for sidewalks and street curbs at the U. S. Post Office at Ukiah.

Work will be readvertised at a later date. 7

**BIDS WANTED**  
**LAKEVIEW, Ore.**—Until Dec. 22, bids will be received by the Procurement Division, Public Buildings Br., Washington, D. C., for plaster models at the U. S. Post Office at Lakeview. 7

## 8—CLUB BUILDINGS

**Bids Opened**  
**MASONIC TEMPLE**  
 Estimated Cost, \$80,000

**LODI, San Joaquin Co., Calif.** East Pine St.

Two-story Class C Masonic Temple to contain lodge rooms and offices.

Owner—Lodi Masonic Lodge.

Architect—Frank V. Mayo, 931 North Eldorado St., Stockton.

Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Low Bidder—C. Elves Totten, 40 S. San Joaquin St., Stockton—\$40,588

Separate bids were received for general work, electric, heating and ventilating and plumbing.

Complete bids follow:

**General Work**  
 C. Elves Totten, Stockton ..... \$40,588

H. W. Baum, Stockton ..... 42,280

C. H. Dodd, Stockton ..... 42,824

J. C. Meyers, Stockton ..... 43,855

John Hachman, Stockton ..... 49,400

J. O. Webster, Lodi ..... 52,212

Geo. J. Maurer Co., Piedmont ..... 49,187

**Heating and Ventilating**  
 Lodi Plumbing & Heating Co., 119 N. Sacramento St., Lodi ..... 4,100

Arthur Ray, Stockton ..... 5,300

Doan-Walker Engrg. Co., Stockton ..... 6,733

O. H. Vetter, Stockton ..... 6,886

E. B. Ward & Co., S. F. ..... 8,194

**Plumbing**  
 Lodi Plumbing & Heating Co., Lodi ..... 5,300

O. H. Vetter, Stockton ..... 5,497

Arthur Ray, Stockton ..... 5,575

**Electric Work**  
 Scott-Buttner Electric Co., 2214 Webster St., Oakland ..... 3,667

Sengstacken Electric, Lodi ..... 3,775

Collins Electrical Co., ..... 3,975

Bids held under advisement.

## 9—HOSPITALS

**BIDS WANTED**  
**CAMARILLO, Cal.**—Until Jan. 4, 2 p. m., bids will be received by Geo. B. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento, for the erection and completion of Attendants' Quarters, Second Unit, Camarillo State Hospital, near Camarillo.

The Attendants' Quarters, Second Unit, consists of a two-story reinforced concrete building with steel framed building with steel sash and tile roof, and a reinforced concrete building with steel sash and tile roof, and a reinforced concrete garage unit.

Separate bids only will be entertained for the following segregated parts of the work: (1) General work (2) Electrical work (3) Plumbing work (4) Heating work

Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, on a deposit of \$25, payable to the Division of Architecture. Bid must be accompanied by cash, a cashier's or certified check of 10%

of bid, payable to the Director of Public Works.

**Bids Wanted—To Close December 16, 3 P. M.**

**HOSPITAL** Cost, \$279,000  
**PT. STELLACOOM, Wash.**

Four-story fireproof women's receiving ward building (approximately 244 x 46 ft.).

Owner—State of Washington.

Architect—Heath, Gore & Bell-Moock & Morrison, Puget Sound Bank Bldg., Tacoma.

Plans and specifications available at the architect's office upon deposit of \$20.

Bids being received by O. Olsen, Director of Finance, Budget & Business, Olympia. 9

**Completing Plans**  
**BARRACK UNIT** Cost, \$260,000  
 NAPA, Calif. Veterans' Home.

Barrack unit to provide for 200 additional beds.

Owner—State of California.

Architect—Geo. B. McDougall, State Architect, Pub. Wks. Bldg.

Bids will be asked shortly.

December 10, 1937.

**PLANS BEING FIGURED**  
**BEVERLY HILLS, Los Angeles Co., Cal.**—Conway & Wilson, 1142 Glenbon Ave., West Los Angeles, have completed plans and are taking bids from a selected list of contractors for a 6-story class A, reinforced concrete medical arts center building (68 x 77 ft.) to be built at 411-17 N. Camden Drive, Beverly Hills, for George A. Cordingly, J. Wesley Smith and Simon Aller. Estimated cost, \$250,000. Wm. Coffey, engineer, 649 S. Olive St., Los Angeles. 8

**Plans Completed**  
**REMODEL HOTEL** Est. Cost, \$52,000  
**VISALIA, Tulare Co., Cal.**

Remodel hotel; installation of complete air conditioning system, 30 new tile baths, plumbing, remodel heating system, painting and general repairs.

Owner—Hotel Johnson (J. Johnson), Visalia.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Bids will be asked in a few days.

**Bids Wanted—To Close December 22, 3 P. M.**

**WARD BLDG.** Est. Cost, \$176,218  
**MEDICAL LAKE, Wash.**

Three-story and basement fireproof ward building (185 x 44 ft.) and demolition of existing structure; PWA Docket 1481.

Owner—State of Washington.

Architect—George M. Rasque & Son, Washington Trust Bldg., Spokane.

Separate bids will be received for general construction, heating, plumbing and ventilating; and electric work

Bids are being received by Olaf L. Olson, Director, Dept. of Finance, Budget & Business, Olympia, Wash.

**BIDS OPENED**  
**SPADRA, Los Angeles Co., Calif.**—R. G. Meyler, 108 S. Spring St., Los Angeles, at \$17,970, submitted low bid to State Architect, George B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 250-hp. boiler at Pacific Colony, Spadra.

Complete bids follow:  
 R. G. Meyler, Los Angeles \$17,970

Walter S. Leland Co., Walnut Creek \$17,993

C. C. Moore & Co., Engineers, San Francisco \$19,198

**BIDS OPENED**  
**NAPA, Calif.** Walter S. Leland Co., Walnut Creek at \$20,136, sub-

mitted low bid to the State Architect, George B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 490-hp. boiler at the Napa State Hospital.

Complete bids follow:  
Walter S. Leland Co., Walnut Creek —\$20,436.  
R. G. Meyler, Los Angeles—\$20,590.  
California Steel Products Co., San Francisco—\$22,977.  
C. C. Moore & Co., Engrs., San Francisco—\$22,987.

#### BID OPENED

YOUNTVILLE, Napa Co., Calif.—Walter S. Leland Co., Walnut Creek, at \$24,480, submitted only bid to the State Architect, George B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 490-hp. boiler at the Veterans' Home, Yountville.

#### BIDS OPENED

ELDRIDGE, Sonoma Co., Calif.—Walter S. Leland Co., Walnut Creek, at \$21,387, submitted low bid to State Architect, George B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 490-hp. boiler at the Sonoma State Home, at Eldridge.

Complete bids follow:  
Walter S. Leland Co., Walnut Creek ..... \$21,387  
R. G. Meyler, Los Angeles ..... 21,790  
C. C. Moore & Co., S. F. .... 21,953  
Calif. Steel Products Co., San Francisco ..... 21,980

#### BIDS OPENED

ELDRIDGE, Sonoma Co., Calif.—Campbell Constr. Co., 800 R St., Sacramento, at \$29,615, submitted low bid to State Architect, George B. McDougall, Public Works Building, Sacramento, for a water treatment plant at the Sonoma State Home at Eldridge.

Complete bids follow:  
Campbell Constr. Co., Sacto. .... \$29,615  
Fred J. Early, Jr., S. F. .... 29,749  
Carl N. Swenson Co., San Jose \$2,934  
Wm. C. Tait, S. F. .... 32,980

#### BIDS OPENED

AGNEW, Santa Clara Co., Calif.—Dan Caputo, 401 Illinois Ave., San Jose, at \$8,292, submitted low general bid to the State Architect, Geo. B. McDougall, Public Works Building, Sacramento, for an addition to the refrigerator plant at Agnew State Hospital. Bids were received for (1) building to house refrigerator, and (2) refrigerator equipment.

Complete bids follow:  
General Work  
Dan Caputo, San Jose ..... \$8,292  
Carl N. Swenson, San Jose ..... 8,330  
Fred J. Early, Jr., S. F. .... 10,423  
Refrigeration  
Oakland Refrigeration & Butchers Supply Co., 1622 E. 12th St., Oakland ..... 7,964  
York Tee Machinery Corp., San Francisco ..... 8,460

#### 10—HOTELS

Sub Contracts Awarded  
ALTERATIONS Est. Cost, \$500,000  
SAN FRANCISCO Leavenworth and McAlister Streets: Renamed Hotel Empire

Remodel and redecorate all the guest rooms and apts in former Wm. Taylor Hotel, remodel church and basement into ramp garage; air-conditioned coffee shop and dining room and cocktail lounge; also Sky Club cocktail lounge to be built on 24th floor; new express elevator

Managed by—E. R. Rosenberg and C. E. Balin  
Architect—Douglas Darre Stone, 351 Bush Street

Associate Architects — Hertzka & Knowles, 369 Pine St.  
Contractor—Lindgren & Swinerton, Inc., 625 Standard Oil Bldg.  
Steel Lintels — Patterson & Koster Iron Works, Inc., 280 13th St.  
Plate Glass—W. P. Fuller & Co., 301 Mission St.  
Steel Sash—Soule Steel Co., 1750 Army St.  
Heating and Ventilating—Cochran & St. John, Ltd., 952 Mission St.  
Heating—Knittle Bros., 241 Fifth St.  
Plumbing—Herman Lawson Co., 465 Tehama St.  
Ventilating—Ace Sheet Metal Wks., 444 Clementina St.  
Electric Work—Chas. A. Langlais, 472 Tehama St.  
Bar Fixtures & Equipment—William Bateman, 1915 Bryant St.  
All of San Francisco.  
(4066) 1st report Sept. 4, 1937. \* 10

#### 11—ICE AND COLD STORAGE PLANTS

##### CONTRACT AWARDED

ESCONDIDO, San Diego Co., Cal.—Gay Engineering Corp., 2730 East 11th St., Los Angeles, awarded contract for buildings and equipment for a new two-story and basement reinforced concrete pre-caster (60 x 100 ft.) and an L-shaped reinforced concrete ice manufacturing and storage plant (30 x 150 ft.). Cost, approx. \$185,000. Construction is scheduled to start the latter part of this week. Mark Falk, Washington Bldg., Los Angeles, structural engineer. 11

Plans Completed  
COLD STORAGE PLANT  
Cost, \$40,000  
SOQUEL, Santa Cruz Co., Cal. Old San Jose Road.  
Cold storage and pre-cooling plant. Owner—Soquel Warehouse Co. (E. F. Hockenbamer, Mgr.).  
Architect—Not Given.  
Offices are already under construction on site and balance of work is scheduled to start shortly after January 1 11

#### 12—POWER PLANTS

Bids Wanted — To Close December 15, 3:00 P. M.

SUBSTATION Cost, \$.....  
FRESNO, Cal. G St., bet. Mariposa and Fresno Streets.  
Substation.

Owner—San Joaquin Light & Power Corp., c/o S. E. Hickman, Purchasing Mgr., 600 Power Bldg., Fresno.

Plans by Engrg. Dept. of Owner.  
Following have taken out plans:  
Fisher & McNulty, Mattel Bldg., Fresno.  
Harris Construction Co., 577 McKinley, Fresno.  
T. C. & W. H. Irwin, 908 Mildreda, Fresno.

Contract Awarded  
FOUNDATIONS Cost, \$.....  
OAKLAND, Alameda Co., Calif. NE Cor. First and Grove Sts.  
Construction of foundations for turbine room extension at Sub-Station C.  
Owner—Pacific Gas & Electric Co.  
Plans by Engrg. Dept. of Owner.  
Contractor — Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

#### 13—PUBLIC BUILDINGS FIRE HOUSES & JAILS

##### AWARD RECOMMENDED

SANTA BARBARA, Calif.—Nela Oakeson, 520 E. Hale St., Santa Barbara, submitted low bid to the City

of Santa Barbara, Nov. 30, at \$27,985, for improving Laguna Ball Park, a PWA project. Recommendation was made to PWA that contract be awarded low bidder. Soule & Murphy, architects, 116 E. Sola Street, Santa Barbara.

#### BIDS WANTED

CARSON CITY, Nev.—Until Dec. 15, 2 P. M., bids will be received by the Nevada State Board of Control (J. H. White, Clerk) at their offices in the Capitol Building, Carson City, for remodeling of old state library building.

Plans and specifications may be obtained at the office of the Supervising Architect, Department of Highways, Carson City, upon deposit of \$5. \$2.50 returnable.  
Bid must be accompanied by a certified check for 5% of bid. \* 13

#### BIDS WANTED

PHOENIX, Arizona—Until Dec. 22 10:00 A.M., bids will be received by the Board of Directors of State Institutions, State of Arizona, Phoenix, for the construction of an addition to the Arizona State Capitol, a PWA project. Plans obtainable from Architect Orville A. Bell, 321 Heard Bldg., Phoenix, upon deposit of \$25; returnable. Cert check of 5% required. The addition will be a four-story building and basement, class A structure, with reinf. concr. walls and fir and rf slabs, granite and tufa stone ext facing, copper rf, steel sash, air conditioning, one elec elevator; book lifts, brick work, ceramic tile work, marble steel book stacks, Venetian blinds, central vacuum cleaning sys., cast stone, insulation; estimated cost \$400,000. 13

Bids Opened  
FIELD HOUSE Cost, \$.....  
FRESNO, Fresno Co., Cal. Nicholas Ave. bet. Florence and Belgravia. One - story field house of pumtite construction.  
Owner—City of Fresno, Harry Foster, City Clerk.  
Plans by Engr. Dept. of Owner.  
Low Bidder—Harris Const. Co., 577 McKinley, Fresno, \$2,874.  
Other bids were:

T. C. & W. H. Irwin.....\$3,153  
Erickson & House..... 3,225  
Walker & Walker..... 3,292  
Kelly Smith ..... 4,269

#### CONTRACT AWARDED

SAN FRANCISCO.—A. Quandt and Sons, 374 Guerrero St., awarded contract by the Department of Public Works, City Hall, for cleaning and painting sump room at Marina sewage pumping plant.

#### CONTRACT RE-AWARDED

LOS ANGELES, Cal.—Lee - Mead Wrecking Co., Los Angeles, awarded contract at \$4,400 by State Architect Geo. B. McDougall, Public Works Bldg., Sacramento, for wrecking the buildings on the Los Angeles State Building site, Court and Broadway, Los Angeles.  
Mackey Engr. Co., Los Angeles, previously awarded contract by paying \$3 declined the contract. \* 13

#### CONTRACT AWARDED

SAN FRANCISCO, Cal.—Standard Fence Co., 440 Bayshore Blvd., at \$1,767.46, awarded contract by the Department of Public Works, Room 251, City Hall, for baseball backstop and fencing for Funston Playground on Bay Street, between Fillmore and Laguna Sts.

Contract Awarded  
CITY HALL Cont. Fr. \$34,973  
WILLIAMS, Colusa Co., Cal. Corner E and Eighth Streets.

Two-story reinforced city hall bldg. contain administrative office and fire department.  
 Owner—City of Williams.  
 Architect—Starks & Flanders, Bank of America Bldg., Sacramento.  
 Contractor—Adam Arras & Son, 4008 18th St., San Francisco.

**Bids Opened**  
**CITY HALL** Cost, \$.....  
 SANTA CRUZ, Santa Cruz Co., Cal.  
 Church and Locust Streets.

One- and two-story reinforced concrete city hall (second and third units) to house offices of the city engineer, building and plumbing inspectors, council chambers, and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk).  
 Architect—C. J. Ryland, Carmel and Monterey.

Low Bidder—F. C. Stolte Co., 1405 San Antonio Ave., Alameda, \$73,800.

Recommendation was made to the PWA that contract be awarded low bidder on basic bid of \$73,800 plus alternate bid of \$2400 for wall marked "B".

Complete basic bids follows:  
 F. C. Stolte Co., Alameda ..... \$73,800  
 Nelsen & Erbrentauf, San Jose 76,900  
 De Luca & Son, S. F. .... 78,800  
 A. Nelson, Inc., S. F. .... 78,878  
 Central Calif. Const. Co., S. F. 83,333  
 Carl N. Swenson Co., San Jose 83,850  
 Robert McCarthy, S. F. .... 86,738  
 Monson Bros., S. F. .... 97,071

**BIDS OPENED**  
**SAN FRANCISCO**—Ocean Shore Iron Works, 550 Eighth St., at \$349.11, submitted only bid to the Department of Public Works, Room 251, City Hall, for repairs to receiving tank in Civic Center Power House, McAllister and Larkin Streets.

**BIDS WANTED**  
**LANCASTER**, Los Angeles Co., Cal.—Until Dec. 28, 2 P. M., bids will be received by the Los Angeles County Supervisors for a proposed memorial hall and office building to be built on the southwest corner of Tenth and Cedar Sts., Lancaster, under Spec. No. 402 of 1937. Bids will be taken as follows: (A) entire work; (B) entire work, omitting finish in offices on 2nd floor. Work will include moving a building now on the site.

**Contract Awarded**  
**REDDING**, Shasta Co., Cal.—J. P. Brennan, Redding, at \$18,648 awarded contract by the State Architect, George B. McDougall, Public Works Bldg., Sacramento, for the erection and completion of additions and alterations to equipment repair shops at Redding.

**BIDS OPENED**  
**SAN FRANCISCO**—C. O. Barion & Co., 291 First St., at \$100, submitted low bid to the Dept. of Public Works, Room 251, City Hall, for furnishing and connecting two regulators with necessary valves and fittings on oil burner at present installed at Civic Center Power House. Only other bid submitted by Chas. M. Bailey Co., at \$170 (1/2-inch) and \$220 (3/4-inch).

**14—RESIDENCES**

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$50,000 ea.  
**SAN FRANCISCO**, S. Jackson St. West of Presidio Ave.  
 Three two-story and basement frame residences.  
 Owner & Builder—Oliver M. Rouseau, 321 Kearny St.  
 Architect—Not Given.

**Plans Being Figured—Bids Close**  
**December 14, Noon**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO** Clarendon Ave.  
 Two-story frame and stucco residence (7 rooms) tile roof, hardwood floors.  
 Owner—J. F. O'Connor, c/o architect, Architect—H. G. Stoner, 251 Kearny.

As previously reported, plans are being figured by the following selected list of contractors:  
 C. Lindberg, 1 Naylor Street, San Francisco.  
 G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.  
 W. F. Bohn, Route 1, Box 38, Santa Rosa

**Plans Being Figured — Bids Close**  
**Dec. 15, 4 P. M.**  
**RESIDENCE** Cost, \$.....  
**ORINDA**, Alameda Co., Cal.  
 Two-story frame and stucco residence and garage.  
 Owner—Withheld.

Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.  
 Plans are being figured by the following selected list of contractors:  
 W. Vernon Bernard, 227 San Carlos Ave., El Cerrito.  
 Albert A. Haskell, 255 Ridgeway Ave., Oakland.  
 O. E. Petersen, 3626 Rhoda Avenue, Oakland.  
 Jensen & Pedersen, 3443 Adelaine St., Oakland.

S. J. Bertelsen, 30 Estrella Ave., Piedmont.  
 D. W. Nicholson, 357 12th St., Oakland.  
 V. E. Sigge, 3912 Linwood Avenue, Oakland

**Plans Completed**  
**RESIDENCE** Cost, \$5000 to \$6000  
**SAN MATEO**, San Mateo Co., Calif.  
 One-story frame and stucco duplex residence (hardwood floors, tile baths, etc.)  
 Owner—Withheld.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Contractor—Hammer and Tosch Co., 1479 Burlingame Ave., Burlingame

**To Be Done By Day's Work**  
**RESIDENCES** Cost, \$4000 each  
**SAN FRANCISCO**, S. Niagara, W of Delano St.  
 Four one-story and basement frame residences.  
 Owner & Builder—Hansen & Hansen, 2401 San Jose Ave.  
 Plans by L. J. Klein, Mill Valley, 14

**Plans Completed**  
**RESIDENCE** Cost, \$5,000  
**BURLINGAME**, Calif. Aragon Tr.  
 One-story frame and stucco residence (5 rooms).  
 Owner & Builder—Paul De Bret.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Owner will take segregated bids.

**Contract Awarded**  
**RESIDENCE** Est Cost, \$3500  
**SAN MATEO**, Cal 427 Villa Terr.  
 Two-story frame and stucco residence (8 rooms), tile bath, hardwood floors, shingle roof, floor furnace, garage.  
 Owner—M. Huber  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Contractor—Hammer & Tosch Co., 1479 Burlingame Ave., Burlingame

**Plans Being Figured—To Close**  
**Dec. 15, 2 P. M.**  
**RESIDENCE** Cost, \$2000  
**SAN JOSE**, Santa Clara Co., Calif.  
 One-story frame residence, plaster exterior and interior, tile roof, gas heating system, two baths.  
 Owner—Antonio Serratore, c/o architect.

Architect—Charles McKenzie, Twoby Bldg., San Jose.  
 Plans will be figured by a selected list of contractors, to be announced shortly.

**Contract Awarded**  
**RESIDENCE** Cost, \$10,500  
**OAKLAND**, Alameda Co., Calif. S. Rincon Dr., Lot 24, Montclair Highlands.  
 Two-story frame residence (6 rms.).  
 Owner—Montclair Syndicate Co., San Francisco.  
 Architect—F. W. Confer, 3147 Claremont Ave., Berkeley.  
 Contractor—J. R. Armstrong, 834 E. 10th St., Oakland, 14

**Construction Underway**  
**RESIDENCE** Est. Cost, \$4,000  
**EL SOBRANTE**, Contra Costa Co., Calif. Near Richmond.  
 One-story frame residence (composition roof, hardwood floors, linoleum baths).  
 Owner—R. E. St. Clair.  
 Architect—J. B. Anthony, 3252 Lakeshore Avenue.  
 Contractor—Peppard and Wood, 1733 Bancroft Way, Berkeley.

**Contract Awarded**  
**RESIDENCE** Cost, \$5000  
**SAN MATEO**, Cal.  
 One-story frame and stucco residence (5 rooms), hardwood floors, tile and shingle roof, modified air conditioning system.  
 Owner—R. D. Nattinson.  
 Architect—Not Given.  
 Contractor—Martin Peterson, 128 Lorton Ave., Burlingame.

**Plans Being Figured—Bids Close**  
**December 14, Noon.**  
**RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Clarendon Ave.  
 Two-story frame and stucco residence (7 rooms) tile roof, hardwood floors.  
 Owner—J. F. O'Connor, c/o architect, Architect—H. G. Stoner, 251 Kearny.  
 Plans are being figured by a selected list of contractors to be announced shortly.

**Plans Completed**  
**RESIDENCE** Cost, \$4,000  
**SAN JOSE**, Santa Clara Co., Calif.  
 One-story frame residence (five rooms) gas floor furnaces, shingle roof, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.  
 Contractor—P. J. Basetta

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$4,500  
**PALO ALTO**, Santa Clara Co., Calif. Byron Street.  
 One-story frame and stucco residence (5 rooms) wood shake roof, single and wood exterior, hardwood floors, tile baths, etc.  
 Owner & Builder—C. R. Jansen.  
 Architect—D. E. Jaekle, 126 Post St., San Francisco.

**Sub Contracts Awarded**  
**RESIDENCE** Cost, \$15,000  
**SAN FRANCISCO**, N. Francisco del Mar, 783 SW Sea Cliff Extension.  
 Two-story and basement frame residence.  
 Owner—R. Goldberg, c/o Architect, Architect—F. Frederic Amador, 411 Dewey Bldg.  
 Contractor—Atma Constr Co., 1729 24th Ave.  
**Roofing**—Malott & Peterson, 2412 Harrison St.  
**Plumbing & Tile Work** Scott Co., Inc., 243 Minna St.  
**Electric Wiring** Atma Electric Co.

1435 Eddy St.  
Sheet Metal—Colan & Leon Heating  
& Sheet Metal Co., 1060 Folsom  
St.  
Glass—W. P. Fuller & Co., 301 Mis-  
sion St.  
Brick, Stone Work and Hollow Tile—  
Karlberg & Bosin, 1228 20th Ave.  
Grading—H. Peterson, 731 Treat St.  
Lumber—Loop Lumber Co., Central  
Basin.  
Mill Work—Warden Bros., 2501 Army  
St.  
Lathing & Plastering—Harry Liston,  
2426 San Bruno Ave.  
Concrete—Bode Gravel Co., 235 Ala-  
bama  
All of San Francisco.

## 15—SCHOOLS

Sub Contracts Awarded  
ADDITION  
CHOWCHILLA, Madera Co., Calif.  
One-story frame and stucco addition  
assembly hall to seat 400, and  
two classrooms), wood shingle  
roof, etc.; repairs to the present  
building, new toilet facilities, etc.  
Owner—Chowchilla Grammar School  
District  
Architect—Frederick L. Swartz, Brix  
Bldg., Fresno.  
General Work—Trehwitt-Shields and  
Fisher, Pacific Southwest Bldg.,  
Fresno—\$35,769.  
Mechanical Work—Art Stadille, 801  
West Yosemite, Madera—\$1,554.  
Plumbing—Sanitary Plumbing Co.,  
P. O. Box 937, Merced—\$939.  
Roofing—Frank Barker, Rt. 2, Box  
303, Fresno.  
Electric Wiring—Robt. L. Stanfield,  
912 Frost St., Madera.  
Sheet Metal—Sanitary Plumbing Co.,  
P. O. Box 937, Merced.  
Lumber—Ganestary & Green, 1800  
Army St., San Francisco.  
Mill Work—Fresno Planning Mill Co.,  
H and Monterey Sts., Fresno.  
Painting—M. A. Hahn, P. O. Box 71,  
Chowchilla.  
Lathing & Plastering—Jos. Masi, 515  
Oleander, Fresno.  
Insulation—L. H. Clawson & Co., 125  
N. La Brea Ave., Los Angeles.  
Misc. Iron & Reinforcing—Kyle &  
Co., 246 G St., Fresno.  
Blackboards—Heally & Popovich,  
Helm Bldg., Fresno.  
Sub Contracts Awarded  
GYMNASIUM Cont. Pr., \$7,498  
EASTON, Fresno Co., Calif.  
One-story reinforced concrete gymna-  
sium bldg. (boys' unit), com-  
position roof, steel sash, metal  
partitions.  
Owner—Washington Union High Sch.  
District, Easton.  
Architect—W. D. Coates, Rowell  
Bldg., Fresno.  
Contractor—Harris Constr. Co., 577  
McKinley Ave., Fresno.  
Roofing—Coffman Roofing Co., 1937  
Merced St.  
Plumbing—Barrett-Hicks Co., 1027  
Broadway.  
Electric Wiring—Fresno Electric Co.,  
1761 Van Ness Ave.  
Sheet Metal—Z. S. Dowd, 4335 Illi-  
nois Ave.  
Glass Valley Glass Co., 2220 Inyo  
Street  
Foundations and Concrete—M. Mad-  
son, 247 Maple Ave.  
Lumber—Pierce Lumber Co., P. O.  
Box 813  
Mill Work—Hollenbeck-Bush Planning  
Mill Co., P. O. Box 605  
Lathing and Plastering—N. L. Mc-  
Kenzie, 414 Abby St.  
All of Fresno.

## CONTRACT AWARDED

BERKELEY, Alameda Co., Cal—  
Symon Bros., 22nd Ave. and E 14th  
St., Oakland, at \$15, awarded con-  
tract by the Berkeley Board of Edu-

cation (Clara F. Andrews, Secy.),  
2325 Milvia St., Berkeley, for the  
and removal of a 2-story frame  
building on the grounds of Whittier  
School, Milvia and Virginia Streets.

## LOW BIDDERS

NATIONAL CITY and Chula Vista  
San Diego Co., Calif.—Hunt & Curry,  
Broadway Bldg., San Diego, submit-  
ted low bid to Sweetwater Union  
High School District Dec. 6, at \$146,-  
180 for construction of a domestic  
science-cafeteria-classroom building,  
a manual arts building and a physical  
education building at the Nation-  
al City junior high school, and a do-  
mestic science-cafeteria bldg., a man-  
ual arts building and a physical edu-  
cation building at the Chula Vista  
junior high school, a PWA project.  
Harry Mums, at \$161,091 submitted  
second low bid. Kistner and Curtis,  
architects, 675 Spreckels Bldg., San  
Diego, and 412 Architects' Bldg., Los  
Angeles. 15

## Bids Opened

SCHOOL  
MONTEREY CO., Calif. Buena Vista  
School District.  
One-story frame school building (two  
classrooms, coat & lunch rooms,  
two work rooms, teachers' room,  
janitor's room, boys' and girls'  
toilets.

Owner—Buena Vista School District.  
Architect—Chas. E. Butner, 7 Win-  
ham St., Salinas.

Low Bidder—Albert Staton, 429 Front  
St., Salinas—\$13,773.

Bids were received with the fol-  
lowing alternates: (1) ded. for omit-  
ting metal cap on fire wall; (2) ded.  
for double hung type classroom win-  
dows; (3) ded. for wall finish of  
textured hardwall plaster; (4) ded.  
for 5/16-in. grip lath; (5) ded. for  
knob and tube wiring system.

Complete bids follow:  
Albert Staton, Salinas—\$13,773; (1)  
\$150, (2) \$150, (3) \$135, (4) \$340, (5)  
\$112.

Harold C. Gever, Monterey—\$14,-  
283; (1) \$128, (2) \$182, (3) \$251, (4)  
\$326, (5) \$112.

Victor Daniels, Salinas—\$14,690; (1)  
\$150, (2) \$130, (3) \$120, (4) \$443.35,  
(5) \$79.

W. J. Charters, Salinas—\$14,726.59;  
(1) \$113.84; (2) \$88, (3) \$193.60, (4)  
\$178.50, (5) \$123.20.

V. H. Moore, Salinas—\$14,956; (1)  
\$34, (2) \$260, (3) \$105, (4) \$385, (5)  
\$98.

P. T. Wallstrom, Watsonville—  
\$15,375; (1) \$165, (2) \$50, (3) \$370,  
(4) \$140, (5) \$115.

G. C. Renz, Gilroy—\$15,664; (1)  
\$124, (2) \$235, (3) \$170, (4) \$473, (5)  
\$123.

Rav Bridenbecker, Monterey—\$15,-  
771.50; (1) \$100, (2) \$200, (3) \$200,  
(4) \$380.20, (5) \$110.

H. V. Hughes, Salinas—\$15,875; (1)  
\$208.16, (2) \$267, (3) \$155, (4) \$433.35,  
(5) \$112.

Award of contract to low bidder at  
\$15,886, accepting five alternate de-  
ductions, was recommended by PWA  
(591) 1st report Sept. 2, 1936; 5th  
Nov. 24, 1937. \* 15

## Contract Awarded

SCHOOL Cont. Pr., \$170,499  
FORT BRAGG, Mendocino Co., Calif.  
One-story frame high school building  
(classrooms, gymnasium and  
auditorium, cafeteria and offices),  
steel trusses.  
Owner—Fort Bragg Union High Sch.  
District  
Architect—W. E. Coffman, Forum  
Bldg., Sacramento.

Structural Engineer—F. W. Kellberg,  
230 Mark St., San Francisco.

Contractor—M. R. Peterson, 1116 O  
St., Sacramento.

## To Ask New Bids Dec. 20—Close

at 4, P. M.  
SCHOOL BLDG. Cost, \$5,000  
ALAMEDA, Alameda Co., Cal. Bay  
and Santa Clara Avenues (Mas-  
tick School).

First unit, to consist of foundations  
and skeleton classroom bldg., up  
to and including plastering, of an  
actual 1-story, modernistic U-  
shaped elementary school build-  
ing (12 classrooms, gym., and au-  
ditorium) stucco exterior, low  
pressure steam heating system,  
concrete floors and foundations,  
fire-resistant roof of the com-  
position type; to be built on the  
unit.  
Owner—Alameda Board of Education  
(Wm. G. Paden, Supt.)  
Architect—Kent & Hass, Underwood  
Bldg., San Francisco.

Uncompleted balance of the struc-  
ture plan will be advertised for bids July  
1, 1938.

New bids will be advertised Dec.  
20, after which date plans and spec-  
ifications will be available at the Ad-  
ministration Bldg., Oak and Alameda  
Sts., upon deposit of \$50. Plans will  
be the same as previously, with addi-  
tional deductions on proposal sheet.  
Bids will be opened Jan. 4, 8 P. M.,  
in the Administration Bldg., Oak and  
Alameda Sts., Alameda.

## BIDS OPENED

SAN FRANCISCO—Anchor Post  
Fence Co., 460 Fifth St., at 988, sub-  
mitted low bid to the Department of  
Public Works, Room 251, City Hall,  
for furnishing and installing chain  
link fence at Marina Junior High  
School, Fillmore St., bet. Bay and  
Chestrnut.

Only other bid submitted by Stand-  
ard Fence Co., at \$98.99.

## BIDS WANTED

SAN FRANCISCO—Until Dec. 15,  
1:45 p.m., informal bids will be re-  
ceived by the Department of Public  
Works, Room 251, City Hall, for  
folding gate to be installed in the  
corridor of the Visitation Valley  
School, Schwerin St., bet. Leland and  
Visitation Aves.

Specifications obtainable from City  
Architect, Chas. H. Sawyer, Room  
265.

## CONTRACT AWARDED

SAN FRANCISCO—Parker Weather  
Strip Co., 4328 Geary St., at  
\$113, awarded contract by the De-  
partment of Public Works, Room 251,  
City Hall, for installing weather  
strips at George Washington High  
School, 33rd Ave. and Geary Blvd.

## BIDS WANTED

COLTON, San Bernardino Co., Cal.  
—Until Dec. 15, 2:30 P. M. (not Dec.  
14) 1937, informal bids for the school  
bids will be received by the Colton  
School Dist. for a junior high school  
building to be built on S. Eighth St.,  
South Colton, for Mexican students.  
This is not a PWA project. Plans  
may be obtained from the architects,  
Allison & Allison, 1014 Edison Bldg.,  
Los Angeles, or from the school of-  
fice in Colton upon deposit of \$25.  
Estimated cost, \$60,000. \* 15

## CONTRACT AWARDED

KERN CO., Cal.—Elliott & Elliott,  
1915 E. California St., Bakersfield,  
submitted low bid to Map 15  
District, Nov. 29, and were awarded  
contract, at \$68,400, for construction  
of a 1-story school building about 5  
miles west of Shafter. Plans by Per-  
rine & Mackie; Herbert E. Mackie,  
908 Western Pacific Bldg., Los An-  
geles, architect. Estimated cost,  
Willard K. Michael, \$69,785; Trehwitt-  
Shields & Fisher, \$71,800; Isaac-Fast

& Veneta. \$71,950; Guy E. Hall, \$73,990; Hodgson & Son, \$76,000; J. S. Metzger & Sons, \$76,000. 15

**Revising Plans**  
**ADDITION** Est. Cost, \$85,000  
**KELSO, Wash.**  
Addition to present school building.  
Owner—Consolidated School District  
2141 E. H. (Supt.).  
Architect—Rounds, Sutton, Whitney  
& Dugan, Rust Bldg., Tacoma.  
Plans obtainable from the architect's office.

It was previously reported that bids would be opened Dec. 3, however, they have been delayed by PWA regulations and plans will be revised and bids called later.

**BOND ELECTION**  
**MONTEREY CO., Cal.**—Palo Colorado School District will vote on Dec. 20 on a proposal to issue bonds in the amount of \$10,000, proceeds to finance construction of alterations and improvements to school buildings. 15

**LOW BIDDERS**  
**OCEANSIDE, San Diego Co., Cal.**—O. K. Earl, 900 E. Foothill Blvd., Atadena, submitted low general contract bid to Oceanside-Carlsbad Union High School District Nov. 30, at \$62,800, for construction of the west wing of the high school plant. Other low bids were: Plumbing and heating, Edw. Rohde, 1746 Columbia St., San Diego, \$6043; electric work, Ace Elec. Co., 1492 J St., San Diego, \$2,286. Kistner & Curtis, 412 Architects Bldg., Los Angeles, and 675 Spreckles Bldg., San Diego, architects. 15

**LOS ANGELES, Calif.**—Until Dec. 15, 2 p.m., bids will be received by the Los Angeles Board of Education, for demolition of the main frame building and ground improvements at the Ninth Street School, 820 Towne Ave. Estimated cost, \$6,500. 15

**BIDS WANTED**  
**LOS ANGELES, Calif.**—Until Dec. 17, 2 p.m., bids will be received by the Los Angeles Board of Education for a music building to be built at the John C. Fremont High School, 7676 San Pedro St. Estimated cost, \$20,000. Plans by the architectural section of the board; A. S. Nibecker, Jr., architect. 15

**BOND ELECTION**  
**SAN JOSE, Santa Clara Co., Calif.**—San Jose School District will vote Feb. 1, 1938, on a proposal to issue bonds in the amount of \$1,800,000, proceeds to finance construction of a \$1,000,000 senior high school at 11th and Humboldt Streets, a \$500,000 senior high school at Park and Randall Sts., and \$300,000 for a junior high school in Willow Glen. 15

**Contract Awarded**  
**ADDITION** Cont. Pr., \$41,850  
**PLACERVILLE, Eldorado Co., Calif.**  
Cottage and Union Streets.  
Two-story addition (two classrooms, manual training rooms and assembly hall) to present building and addition to boiler capacity.  
Owner—Placerville Grammar School District (Jas. R. Johnson, Clerk).  
Architect—Jens C. Petersen, 812 26th St., Sacramento.  
Contractor—Azevedo Constr. Co., 920 O St., Sacramento.

**Planned**  
**ALTERATIONS, ETC.** Cost, \$435,000  
**SAN JOSE, Santa Clara Co., Calif.**  
Alterations and additions at Technical High School, Herbert Hoover and Peter H. Burnett junior high schools.  
Owner—San Jose School District

Architect—Not Given.

Proposed project which the state will pay for the present high school bldg. and land on Washington Square will finance above work.

**Contract Awarded**  
**SCHOOL BLDG.** Cont. Price, \$55,400  
**CAMPBELL, Santa Clara Co., Calif.**  
First unit (gymnasium only) of addition of four school buildings to the Campbell High School to consist of a two-story main high school building and a one-story auditorium, a gymnasium building and a shop building, landscaping, fencing, paving and construction of six tennis courts.  
Owner—Campbell Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.  
Contractor—C. C. Stutte Co., 1405 San Antonia Ave., Alameda.  
Complete bids published December 2, 1937. \*

**Bids Wanted — To Close December**

14, 4:00 P. M.  
**ADDITION** Est. Cost, \$12,000  
**KERN CO., Cal.**

Addition to the Fairfax School.  
Owner—Fairfax School District.  
Architect—Symmes & Willard; Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications obtainable from architect's office upon deposit of \$10. Certified check or bond of 10% required with each bid.

It was previously reported these bids would open Dec. 7.

**Bids Wanted—To Close December 21,**

8 P. M.  
**AUDITORIUM** Est. Cost, \$120,000  
**KING CITY, Monterey Co., Cal.**  
New High School Auditorium building; stage, small dressing room, property room, boiler room, auditorium and balcony, seating 1000, foyer, toilet facilities, closets, check room, ticket room, etc.

Owner—King City High School District.  
Architect—Robert Stanton, Hotel Del Monte, Del Monte.

PWA allotted grant in the amount of \$30,000, Docket No. 1591, to assist in financing.

Plans and specifications may be obtained from the Clerk of the Bd. of Trustees of the King City High School District, upon deposit of \$50.

Bid must be accompanied by certified or cashier's check or bid bond for five per cent of bid.

**Contract Awarded**  
**BUCKEYE, Arizona**—Wm. Peper Constr. Co., P. O. Box 1564, Phoenix, awarded contract by Maricopa Co. School District No. 33, at \$31,900, for construction of a new school building in Buckeye; a PWA project. Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix. 15

**Bids Wanted—To Close December 15,**

7:30 P. M.  
**HIGH SCHOOL** Cost, \$234,000  
**DINUBA, Tulare Co., Cal.** Magnolia and College Avenues.

Two-story reinforced concrete high school, consisting of 12 classrooms, study hall, offices, rest rooms, storage rooms, lobby and corridors, and auditorium. Total ground area 22,500 sq. ft.; total floor area 33,140 sq. ft. Reinforced concrete foundation walls, exterior walls and floors; steel roof trusses in auditorium; timber trusses in gymnasium wing; built-up asbestos composition roof, exterior walls and ceilings will be hard-wall plaster on metal lath, painted with washable wall paint, automatic gas heating system, with ventilating ducts. High school will replace former school destroyed by fire May 2, 1937.  
Owner—Dinuba Joint Union High School District  
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Grant in the amount of \$105,300 allotted by PWA to assist in financing. Bids will be opened and plans and specifications obtainable at the office of W. J. Liebau, Clerk of the school board. Deposit of \$10.00 for plans.

Following have taken out plans:  
R. W. Brown Construction Co., 118 S. Kay St., Madera.  
Fisher & McNulty, Mattei Bldg., Fresno.  
Harris Construction Co., 577 McKinley, Fresno.  
Midstate Construction Co., Pacific Southwest Bldg., Fresno.  
W. J. Ochs, Helm Bldg., Fresno.  
Richmond Construction Co., P. O. Box 52, Fresno.  
Trewitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.  
Lundgren & Swinerton, Inc., 619 H St., Sacramento.

**BIDS WANTED**  
**COLTON, San Bernardino Co., Cal.**—Until Dec. 14, 2 p.m., bids will be received by the Colton School District for a junior high school building to be built on South Eighth Street, South Colton, for Mexican students. This is not a PWA project. Plans may be obtained from the architects, Allison & Allison, 1014 Edison Bldg., Los Angeles, or from the school office in Colton upon deposit of \$25. Separate bids will be taken as follows: (1) general work; (2) electrical work; (3) plumbing. The building will contain 13 rooms and will have reinforced concrete walls, steel roof joists and wood roof sheathing; estimated cost, \$60,000. 15

**Contract Awarded**  
**SCHOOL ADDN.** Cont. Pr., \$76,500  
**BERKELEY, Alameda Co., Cal.** NE Milvia and Virginia Streets.  
First unit of Whittier Elementary School addition, consisting of an auditorium, cafeteria and 5 classrooms.  
Owner—Berkeley Unified School District.  
Architects—P. L. Dragon and C. R. Schmidt, E. R. Hardman and G. F. Officer, 2068 Alhambra St., Oakland.  
Structural Engineer—W. Adrian, 417 Market St., San Francisco.  
Contractor—Villadsen Bros., Inc., 354 Hobart St., Oakland.

Contract awarded on basic bid of \$72,500, plus addition of alternate bid No. 2 for \$1,000.  
Complete bids published Nov. 26.

**Contract Awarded**  
**SAN MARINO, Los Angeles Co., Cal.**—Harry F. Miller, 7530 S. Hobart Blvd., Los Angeles, awarded contract for construction of a 5-classroom and kindergarten addition to the Henry E. Huntington School in San Marino a PWA project. Construction will start at once. Marsh, Smith & Powell, architects, 508 Architects Bldg., Los Angeles. 15

**Bids Wanted — To Close December**

16, 10 A. M.  
**HIGH SCHOOL** Cost, \$150,100  
**WOODLAKE, Tulare Co., Cal.**

One-story frame high school bldg., containing five classrooms, music room, bookkeeping room, typing room, library, study hall, sewing room, cooking room, chemistry and physics room, science classroom, dean of Women's room, girls' room, teachers' room, principal's office, general office, lav-

atory, etc.

Contract awarded on basic bid of \$72,500, plus addition of alternate bid No. 2 for \$1,000.  
Complete bids published Nov. 26.

**Contract Awarded**  
**SAN MARINO, Los Angeles Co., Cal.**—Harry F. Miller, 7530 S. Hobart Blvd., Los Angeles, awarded contract for construction of a 5-classroom and kindergarten addition to the Henry E. Huntington School in San Marino a PWA project. Construction will start at once. Marsh, Smith & Powell, architects, 508 Architects Bldg., Los Angeles. 15

**Bids Wanted — To Close December**

16, 10 A. M.  
**HIGH SCHOOL** Cost, \$150,100  
**WOODLAKE, Tulare Co., Cal.**

One-story frame high school bldg., containing five classrooms, music room, bookkeeping room, typing room, library, study hall, sewing room, cooking room, chemistry and physics room, science classroom, dean of Women's room, girls' room, teachers' room, principal's office, general office, lav-

atories and an auditorium to seat 572, with stage. Building contains approximately 520,000 cubic feet; concrete foundations, stucco exterior, wood roof trusses.

Owner—Woodlake Union High Sch. District.  
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

PWA allotted grant in the amount of \$67,545.

Following have taken out plans:

Mildstate Constr. Co., 501 Pacific Southwest Bldg., Fresno.

R. W. Brown Constr. Co., 118 S. K St., Madera.

Landgren & Swinerton, Inc., 619 H St., Sacramento.

Fisher & McNulty, Mattel Bldg., Fresno.

Harris Construction Co., 577 McKinley, Fresno.

W. J. Ochs, Helm Bldg., Fresno.

Richmond Construction Co., P. O. Box 52, Fresno.

Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

Sub-Contracts Awarded

ADDITION Cont. Pr., \$36,041  
SALINAS, Monterey Co., Calif.

One - story frame and stucco addition to the Sherman School (six classrooms).

Owner—Salinas City School District.  
Architect—Charles E. Butler, 7 Winham St., Salinas.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contractor—P. T. Wallstrum, P. O. Box 931, Watsonville.

Roofing—Monterey County Roofing & Tile Co., 263 Main St.

Plumbing, Heating and Sheet Metal—Phillips Heating & Plumbing Co., 215 Monterey St.

Electric Wiring—Salinas Elec. Works, 253 Main St.

Glass and Mill Work—Electric Planning Mill, 545 S. Monroe, Stockton.

Window Shades—The Gill-Mann Co., 160 2nd St., San Francisco.

Iron Grille Work—Engfer Iron Works, 535 W. San Carlos St., San Jose.

Grading and Foundations and Concrete—Kallam & LeNoir, 320 Market Street.

Lumber—Homer T. Hayward Lumber Co., 11 Abbott.

Painting—G. L. Ayers Co., 428 Capitol Street.

Lathing and Plastering—James Martenssen, 418 Palm Ave., Watsonville.

Linoleum—Paul Furniture Co., 351 Main Street.

All of Salinas, unless otherwise noted.

AWARD RECOMMENDED

GUASTI, San Bernardino, Calif.—Until Dec. 27, 7:30 p. m., bids will be received by the San Bernardino High School District for a reinf. conc. social hall-cafeteria building and a classroom building to be built at Arrowview Junior High School, Highland Ave and G St., San Bernardino, a PWA project. Plans and specifications obtainable from Architect DeWitt Mitcham, 615 D St., San Bernardino, upon deposit of \$25, return-

able. Certified or cashier's check or bond for 5% required. Appropriation is \$170,000.

Low Bidders

SCHOOL  
TAFT, Kern Co., Calif.  
Ford City School; 1-story, frame and stucco construction, 4 classrooms, combination gymnasium-auditorium with stage, offices, dressing rooms, etc.

Owner—Taft School District.  
Architects—Chas. H. Biggar, Habersfelds Bldg., Bakersfield.

Structural Engineer—Mark Falk, Washington Bldg., Los Angeles.

Low Bidder—Henry Elster, 2229 18th St., Bakersfield—\$89,000.

Trewhitt-Shields & Fisher, Fresno, at \$89,900, and A. J. Hendricks, Bakersfield, at \$91,300, submitted second and third low bids.

Complete bids will be published shortly.

BIDS WANTED

LONG PINE, Inyo Co., Calif.—Until Dec. 18, 7:30 p. m., bids will be received by the Lone Pine Union High School District, Catherine Bonham, Clerk, for construction of High Sch. Auditorium Building at Lone Pine.

Plans and specifications may be obtained from the Clerk of the Sch. District upon deposit of \$10.

Bidding forms obtainable from the office of Orville L. Clarke, Architect, Lone Pine. Bids must be accompanied by certified or cashier's check or bid bond for 5% of bid.

Bids Opened

SCHOOL ADDN. Cost, \$.....  
KERN COUNTY, Calif. Ponderham.  
One - story frame and stucco addition to the Ponderham School (consisting of two classrooms and cafeteria).

Owner—Ponderham School District.  
Architect—Frank Wynkoop, 313 Haberfelds Bldg., Bakersfield.

Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Low Bidder—Elliott & Elliott, 1901 E. California St., Bakersfield, \$28,400.

PWA has allotted a grant in the amount of \$13,295 to assist in financing.

Bids were taken with two alternate propositions, both deductions.

Complete bids follow:

Elliott & Elliott (a) \$28,400.00  
(b) 5,013.80

(c) 1,247.50

George Isaac (a) 28,766.00  
(b) 5,336.00

(c) 1,300.00

J. C. Burke (a) 29,500.00  
(b) 5,624.00

(c) 1,375.00

F. A. Greenough (a) 29,808.00  
(b) 5,834.00

(c) 1,477.00

A. J. Hendricks (a) 30,800.00  
(b) 5,636.00

(c) 1,361.00

J. Frank Barr (a) 31,711.00  
(b) 5,100.00

(c) 1,210.60

J. N. Harvey (a) 32,190.00  
(b) 4,915.80

(c) 1,237.50

Willard K. Michael (a) 32,295.00  
(b) 5,710.00

(c) 1,375.00

Bid of Elliott & Elliott recommended by the Board to PWA.

CONTRACT AWARDED

LAMOINE, Shasta Co., Calif.—Geo. R. Farley, Redding, at \$2,190 submitted low bid and was awarded contract by the Slate Creek School District, La Vernia Buess, Clerk, for the construction of a school building located at Lamoin.

Other bids were:

Rolla Arbuckle, Bluff.....\$2,420  
A. E. Radick, Red Bluff.....2,560

BIDS OPENED

SAN BERNARDINO, Cal.—Bakker & Robinson, 732 D St., San Bernardino, submitted low bid to San Bernardino High School District Dec. 2, at \$131,680, for construction of commercial and cafeteria buildings at the senior high school, 18th and E Sts., San Bernardino, a PWA project. Recommendation was made to the PWA that contract be awarded to the low bidders at \$121,690 (no alternates considered). E. Charles Parke, architect, 1 Fuller Bldg., San Bernardino. Other bids were: W. W. Petley, \$139,950; Arthur Pinner, Jr., \$145,900; Theo. A. Beyer, \$148,949; Martin Green, \$147,800; H. A. Nichols, \$147,990; Berner & Swerking, \$148,216; Campbell & Kelly, \$148,500; H. Mayson, \$148,875; Moore & Roberts, \$149,997; Azavedo Constr. Co., \$150,600; Geo. E. Bongovanni, \$151,111; R. J. Daum, \$153,000; Geo. Herz, \$155,000; Carpenter & Haxton, \$159,907.

Planned

SCHOOL BLDGS. Cost, \$400,000  
FRESNO, Calif.—Fresno State College. Men's gymnasium (\$250,000) and a combined administration and student activities building (\$150,000).

Owner—Regents of Fresno State College.

Architect—Not Given.

The state state advisory board (W. B. Holland, chairman) will forward a resolution to State Director of Finance, A. E. Stockberger, requesting \$400,000 allocation to finance work.

Sub Contracts Awarded

SCHOOL  
FOWLER, Fresno Co., Calif. Fourth and Tuolumne Streets.

One - story wood frame school building (10 classrooms and auditorium).

Owner—Fowler Elementary School District (W. T. Dice, Clerk).

Architect—Charles H. Franklin, 522 T. W. Patterson Bldg., and Ernest J. Kump, Rowell Bldg., Fresno.

Structural Engineer—Mark Falk, Washington Bldg., Los Angeles.

Contractor—T. C. & W. H. Irwin, 908 Mildreda, Fresno.

Concrete—M. Madsen, 247 Maple.

Millwork—Hollenbeck-Bush Planning Mill.

Reinforcing Steel—Kyle & Co., 346 G Street.

Plastering—Wm. E. Smart, 3520 Illinois.

All of Fresno.

CONTRACTS AWARDED

OCEANSIDE, San Diego Co., Calif.—O. K. Earl, 900 E. Foothill Blvd., Altadena, awarded general contract by Oceanside-Carlsbad Union High Sch. District Dec. 1, at \$54,030, deducting all alternates, for construction of the west wing of the high school plant. Other awards were Plumbing, H. E. McNeil, 4226 University Ave., San Diego, \$1521, deducting all alternates; electric work, Ace Electric Co., 1492 J St., San Diego, \$1309, deducting all alternates. Heating will be held in abeyance until after June, 1938. Klatner & Curtis, 412 Architects' Bldg., San Diego, architects.

AWARD APPROVED

BARSTOW, Calif.—Willard Lutz, 1630 Lyman Pl., Los Angeles, awarded contract by Barstow Union High School District, at \$123,000, for a classroom building, administration building and shops to be built on the Barstow high school campus, a PWA



project. The PWA has approved the award and work will start immediately. E. Charles Parke, 1 Fuller Bldg., San Bernardino, architect; Blaine Noice, Los Angeles, structural engineer. \* 15

**Preparing Working Drawings SCHOOL.** Est. Cost, \$90,000 NILES, Alameda Co., Calif. Second and School Sts. (Niles Grammar School).

One-story school bldg. (approx. 62x 125-ft.) containing approx. fifty classrooms, two toilet rooms, administration offices and auditorium to seat 400, reinforced concrete footings, wood frame & stucco bldg., auditorium will be steel frame and reinforced concrete; tile roof.

Owner—Niles School District. Architect—John J. Donovan, 950 Parker St., Berkeley.

Bids will be asked in about 1 week for moving a 5-classroom frame and stucco building now on the site of the Niles Grammar School.

**PREPARING WORKING DRAWINGS.**

LOS ANGELES, Calif.—Architects John and Donald B. Parkinson, 434 Title Insurance Bldg., are preparing working drawings for a new classroom building (65x208-ft.) to be built at Arts high school, 4133 S. Vermont Ave., for the Los Angeles Board of Education. J. G. Middleton, structural engineer; E. L. Ellingwood mechanical engineer. Appropriation, \$136,000. \* 15

**LOW BIDDER**  
GLASPI, San Bernardino Co., Cal.—Bakker & Robinson, 732 D St., San Bernardino, submitted low bid to Piedmont School District, at \$10,800, for construction of a 1-story classroom building at Guasti, a PWA project. Recommendation awarded to PWA that contract be awarded to low bidder at \$44,596, with additions of \$329 for alternate No. 1, add for finish plaster, and \$3767 for addition of classroom No. 4. H. L. Gogerty, architect, 6272 Yuca St., Hollywood. \* 15

**Bids Opened**  
SCHOOL. Cost, \$

FRUITRIDGE, Sacramento Co., Cal. One-story frame school building containing 14 classrooms and assembly room with stage, lavatories, office, waiting room, nurses' rm., teachers' rm., and kitchen; wood-on-roof trusses, stucco walls, shingle roof, direct radiation heating, floor area of 26,840 sq. ft. Owner—Fruitridge School District. Architect—Chas. F. Dean, California State Life Bldg., Sacramento. Structural Engineer—F. W. Keilberg, 320 Market St., San Francisco. Low Bidder—Otto Steinhilber, 2146 Perkins Way, Sacramento, \$92,611.

Complete basic bids follow:

Otto Steinhilber	\$92,611
Lawrence Const. Co.	92,909
Azevedo Const. Co.	93,333
W. C. Keating	98,450
H. W. Robertson	99,740
H. H. Henning, Stockton	101,387
Chas. F. Unger	102,524
Holdener Const. Co.	104,900

Complete alternate bids will be published shortly. (761) 1st report Oct. 9; 7th, Nov. 13, 1937 \* 15

**PREPARING WORKING DRAWINGS.**

LOS ANGELES, Calif.—Architect Wesley Eager, 816 W 5th St., Los Angeles, is preparing working plans for a one-story concrete Class A assembly hall (to seat 1000) to be built

at the Torrance high school, Carson and Watson Sts., Torrance, for the Los Angeles Board of Education. Estimated cost, \$109,774. Laurence J. Waller, 601 S. New Hampshire Ave., Los Angeles, structural engineer; R. E. Phillips, 816 W 5th St., Los Angeles, mechanical engineer. \* 15

**1C—BANKS, STORES AND OFFICES**

**CONTRACT AWARDED**

BEVERLY HILLS, Los Angeles Co., Cal.—C. L. Peck, H. W. Hellman Bldg., Los Angeles, awarded contract for construction of superstructure of a 1-story class A reinforced concrete building (50 x 132 ft.) at 9600 Wilshire Blvd., Beverly Hills, for E. L. Cord; Saks-Fifth Avenue Store, lessee. John and Donald B. Parkinson, architects, 434 Title Insurance Bldg., Los Angeles; Paul E. Williams, 3859 Wilshire Blvd., Los Angeles, is architect for the interior work and fixtures. \* 16

**Completing Plans**  
INDUSTRIAL BUILDING

Est. Cost, \$18,000 SAN FRANCISCO. Folsom and Juniper Sts. One-story and mezzanine, reinforced concrete industrial building (52 x 135 ft.), tar and gravel roof. Owner & Builder—Alfred H. Vogt Co., 250 11th St. Architect—Walter C. Falch, Hearst Bldg. Plans will be completed in about one week and segregated bids asked.

**Contract Awarded**

STORE. Cost, \$2000 MENLO PARK. San Mateo Co., Cal. One-story brick veneer store building (21 x 60 ft.). Owner—Roger Reynolds. Architect—Not Given. Contractor—Martin Peterson, 128 Lorton Ave., Burlingame.

**TO SIGN CONTRACT**

RIVERSIDE, Calif.—Crestmer & Emtman, 3224 8th St., Riverside, will sign a contract within a few days, at approximately \$73,900, for a two-story reinforced concrete store bldg. 198 x 150 ft. in area) to be built on the southeast corner of Seventh and Main Streets, Riverside, for a syndicate headed by W. C. Evans. Contracts for air conditioning, plumbing, insulation and electrical work will be awarded later. Stern-Brill Wrecking Co., 1611 San Fernando Road, Los Angeles, is wrecking a three-story brick building now on the site. Sears, Roebuck & Co. will occupy one-half of the new building. Plans were prepared by Henry L. A. Jekel, 5063 Magnolia Ave., Riverside. \* 16

**Construction Underway.**

NIGHT LIFE. Cost, \$30,000 SACRAMENTO, Cal. Tenth and K. Remodeling into night club. Owner—Herman Davis. Lessee—Tommy Donovan. Architect—Hans J. Deime Cronan Bldg., Sacramento. Contractor—Frank Maloney, 3172 T St., Sacramento. \* 16

**Sub-Contracts Awarded**

BANK ADDITION. Cost, \$ OAKLAND, Alameda Co., Calif. 740, 742 and Fourth Bldg. Addition to branch bank (25x28-ft.) frame brick veneer and stucco construction, concrete foundations. See book feature, new vault. Owner—Bank of America. Plans by Architect Co., 625 Market St., San Francisco. Contractor—Cahill Brothers, Inc. 299

Sansome St., San Francisco.

Concrete. J. H. Fitzmaurice, 2457

Hamish St., Oakland.

Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.

Placing Reinf. Steel J. P. Murphy, 3901 Mission St., San Francisco.

Form Lumber—Hogan Lbr. Co., 2nd and Alice Sts., Oakland.

Framing Lumber—Melrose Lumber & Supply Co., 46th Ave. and East 12th St., Oakland.

Brick Work—Harry B. Drake, 660 Mission St., San Francisco.

Miscellaneous and Ornamental Iron—McNeill-Steinberg Mfg. Co., 36 Clyde St., San Francisco.

Plumbing—J. R. Pierce Plumbing Co., 1841 73rd Ave., Oakland.

Electric Work—T. L. Rosenberg Co., 411 Webster St., Oakland \* 16

**Contract Awarded**

STORE BLDG. Cont Pr., \$11,380 DAVIS, Yolo Co., Cal. Owner—R. A. Wells. Architect—Starks & Flanders, Bank of America Bldg., Sacramento. Contractor—Wm. C. Truesdale, 2116 H St., Sacramento. Complete bids published Nov. 17.

**Contract Awarded**

OFFICE BLDG. Cost, \$22,628 SAN FRANCISCO. N. Ellis St., 160 ft. W. Jones St. Two-story class C reinforced concrete office and loft building. Owner—E. & J. Reilly Co., Cal-Hyde Hotel. Architect—Wm. F. Gunnison, 251 Kearny St. Engineer—James M. Smith, 251 Kearny St. Contractor—Oliver M. Rousseau, 321 Kearny St.

**17— THEATRES**

**Contracts Awarded**

REMODELING. Cont Pr. \$13,437 PETALUMA, Sonoma Co., Calif. Remodel present Mystic Theatre (to be re-named the State Theatre). Owner—Petaluma Theatres, Inc. Architect—A. A. Cantin, 64 Pine St., San Francisco. Contractor—Moore and Roberts, 693 Mission St., San Francisco. Aladdin Heating Corp., 5107 Broadway, Oakland, at \$2,687 was awarded contract for heating.

**18— WHARVES & DOCKS**

**Bids Opened**

EXTEND PIER. POINT OF OAKLAND, Alameda Co., Calif. Ninth Ave., Oakland.

Extension of existing outer wharf improvements in the area between the Apron Wharf, now under construction, and the concrete bulkhead wall. A connection will be made to the Apron Wharf so as to provide a continuous and complete wharf of creosoted piles and timbers 112 ft. wide and 570 ft. long, forming a continuous wharf with the Apron Wharf of the existing 9th Ave. Pier. All construction approximately 91,000 sq. ft. of 10-in. oil macadam roadway, in rear of wharf extension. Tender—Oakland Port Commission, Foot of Grove St., Oakland. Plans by Engrg. Dept. of Owner. Low Bidder—Healy-Thibbitts Constr. Co., 4 Drum St., San Francisco. \$108,372.

Unit prices were submitted as follows:

- (a) Laying material from slopes and in front of pier extension per cubic yard.
- (b) Creosoted pile driven in place per ft.

- (c) Furnishing and placing 6-lb. creosoted timber and lumber, per M ft.
- (d) Furnishing and placing 12-lb. do., per M ft.
- (e) Driven Eucalyptus fender piles, in place, each.
- (f) Hanging Eucalyptus fender piles, in place, each.

Complete bids were as follows:

- Healy-Thibbitts Constr. Co.—\$105,-375; (a) \$6.35; (b) \$8.85; (c) \$85; (d) \$25; (e) \$32; (f) \$22.
- Ben C. Gerwick, Inc., San Francisco—\$110,717; (a) \$0.40; (b) \$1.00; (c) \$85; (d) \$95; (e) \$35; (f) \$20.
- A. W. Kitchen & Co., San Francisco—\$112,767; (a) \$0.30; (b) \$0.90; (c) \$75.50; (d) \$103; (e) \$29; (f) \$15.
- Duncanson-Harrelson Co., S. F.—\$119,800; (a) \$0.37; (b) \$1.05; (c) \$70; (d) \$110; (e) \$55; (f) \$29.
- Clinton Constr. Co., S. F.—\$122,800; (a) \$0.40; (b) \$1.00; (c) \$110; (d) \$120; (e) \$35; (f) \$30.

- M. B. McGowan, Inc., San Francisco—\$124,681 (a) \$0.40; (b) \$1.00; (c) \$100; (d) \$110; (e) \$40; (f) \$50.

Bids were taken under advisement by the Board. The project is financed in part by a grant from PWA.

## 19—MISC. CONSTRUCTION

December 7, 1937

### BIDS OPENED

LOS ANGELES, Calif.—Following submitted bids to the Los Angeles Water & Power Purchasing Agent for furnishing, delivering and installing crane runway extension 'C' complete, at 1630 N. Main St.; 'ce' 2456.

Bids will be taken as follows:

- (1) furnishing and delivering with materials furnished from local stock for cars or trucks at the designated site;
- (1) Alt. A same except furnishing built-up sections equivalent in strength to those shown on Department's drawings, such sections to be furnished from local stock;
- (1) Alt. B) furnishing, delivering and installing crane runway extension, materials furnished from local stock;
- (1) Alt. C) same as B, except using built-up sections from local stock
- (1) Alts. D, E, F, G, H, I, J and K):
- Via All-Rail Shipment
- (1) Alt. D: same as item (1 Alt. B);
- (1) Alt. E) same as item (1 Alt. A);
- (1) Alt. F) same as item (1 Alt. B);
- (1) Alt. G) same as item (1 Alt. C);
- Via Water or Rail- & Water Freight (1) Alt. H) same as item (1);
- (1) Alt. I) same as item (1 Alt. A);
- (1) Alt. J) same as item (1 Alt. B);
- (1) Alt. K) same as item (1 Alt. C);

D. P. Nicklin, Purchasing Agent, Work involves structural steel "A" frames, columns, trusses, crane rail and fittings, girders, pulleys, girts and bracing, etc., corrugated iron siding and roofing, steel sash, glazing, door frames, painting of structural steel and iron, base plates, etc. Concrete work, plumbing, electric work, and mechanical equipment are excluded from this contract.

Western Pipe & Steel Co.: (1) no bid; (1) Alt. A) \$1,150; (1) Alt. B) no bid; via All-Water shipment; (1) Alt. D) \$34,250; (1) Alt. E) no bid; (1) Alt. F) \$41,490; (1) Alt. G) no bid; via Water or Rail and Water freight; (1) Alt. H) \$32,777; (1) Alt. I) no bid; (1) Alt. J) \$39,477; (1) Alt. K) no bid; net. Delivery: (O) 77 days; (H) 85 days. Erection: (F) 95 days; (J) 110 days.

Bethlehem Steel Co.: (1) no bid; (1) Alt. A) \$33,500; (1) Alt. B) no bid; (1) Alt. C) \$40,110; via All-Rail shipment; (1) Alt. D) \$32,555; (1) Alt. E) no bid; (1) Alt. F) \$39,157; (1) Alt. G) no bid; via Water or rail and water

(1) Alt. I) \$69,068 (H) 117 1/2; (1) Alt. J) no bid; (1) Alt. K) \$37,232; (1) Alt. L) no bid. Net. Delivery: (1A) start 60 days, complete 72 days; (1J) 60-72 days; (H) 72-87 days; erection; (1C) 90 days; (1F) 90 days; (1D) 65 days.

Consolidated Steel Corp.: (1) no bid; (1) Alt. A) \$34,630; (1) Alt. B) no bid; (1) Alt. C) \$41,350; (1) Alt. D) \$33,560; (1) Alt. E) no bid; (1) Alt. F) \$40,200; (1) Alt. G) no bid; (1) Alt. H) \$31,850; (1) Alt. I) no bid; (1) Alt. J) \$38,500; (1) Alt. K) no bid; net. Deliv. 1A) 55 days; 1D) 60 days; (H) 75 days. Erection: (1C) 85 days; (1F) 90 days; (1J) 108 days.

Minneapolis - Moline Power Implement Co.: (1) no bid; (1) Alt. D) \$33,-950; (1) Alt. E) no bid; (1) Alt. F) \$38,800; (1) Alt. G) no bid; water, etc., no bid; net. Delivery: (1D) 70 days; (1F) 70 days. Erection: (1F) 100 days. \* 19

### CONTRACT AWARDED

SANTA BARBARA, Calif.—Neils Okeston, 520 E. Haley St., Santa Barbara, was awarded contract by the City of Santa Barbara, at \$27,985, for improving Laguna Ball Park, a PWA project. Soule & Murphy, architects, 116 E. Sola St., Santa Barbara. 19

### CONTRACT AWARDED

ALAMEDA, Calif.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at \$662.47, awarded contract by the Alameda City Council, City Clerk, City Hall, Alameda, for constructing a galvanized chain link fence around the tennis court at Haight Avenue and Linden Street, Alameda. \* 19

### CONTRACT AWARDED

OAKLAND, Calif.—The Duncanson & Harrelson Co., 1404 deYoung Bldg., San Francisco, at \$14,432, awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 1216 16th St., Oakland, under Bid No. 48, for furnishing 72 concrete piles in lengths of 50, 75, 60, 65 and 70 feet. (4510 lf.) for the San Joaquin River levees. \* 19

### BIDS OPENED

SANTA BARBARA, Calif.—Whittaker & Snook, 40 S. Los Robles Ave., Pasadena, submitted low bid to the City of Santa Barbara, No. 30, at \$97,500, for construction of a municipal outdoor swimming pool, 164 x 50 ft. in area, and 4 to 12 ft. in depth, in Santa Barbara, a PWA project. It will probably be readvertised. Chas. M. Urton submitted the only other bid, at \$97,700. On the alternate proposal, Whittaker & Snook offered a deduction of \$7050, and Mr. Urton a deduction of \$7275. William Edwards, architect, 114 E. De la Guerra, Santa Barbara. 19

### COMPLETE BIDS

OAHU, T. H.—Cory and Joslin Contracting Engineers, Inc., 50 Hawthorne St., San Francisco, at \$36,700 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 551, for the construction of an electric generating plant, including gasoline engine driven generator sets, switchboard, gasotene and water tanks and shelter for equipment, at the Aiea Naval Reservation, Oahu, T. H. Estimated cost, \$84,000.

Total bids follow:

Cory & Joslin, S. F. .... \$36,700.00  
Industrial Power Equipment,  
Baltimore .. 39,000.00  
Walker & Olund, Honolulu .. 41,517.00  
Max W. Moody, Honolulu .. 41,550.00  
John Hansen, Honolulu .. 41,870.00  
Olaf Lagreid, Honolulu .. 43,000.00  
E. E. Black, Ltd., Honolulu .. 45,000.00  
Hawalian Contr. Co., Inc. .. 51,000.00

Max W. Moody also submitted an alternate bid at \$34,750, using equipment other than that specified. \* 19

### BIDS WANTED

SACRAMENTO, Cal.—Until Dec. 15 3 P. M., bids will be received by the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-143 for removing and disposing of the barge "Kentucky" sunk in the Sacramento river.

Plans and specifications may be obtained from the above office. 19

## 20—MISC. SUPPLIES AND MATERIALS

### CONTRACT AWARDED

SACRAMENTO, Cal.—Anchor Post Fence Co., 460 Fifth St., San Francisco, at \$2510.39 (including sales tax), 1% 30 days, submitted low bid and was awarded contract by the State Purchasing Agent, Sacramento, under Quo. 26560, Req. 189, for furnishing vents for the State Agricultural Fairgrounds.

Total bids follow:

Anchor Post Fence Co., 460 Fifth St., San Francisco, including sales tax), \$2510.39, 1% 30 days; Standard Fence Co., San Francisco, \$2480 net; California Wire Cloth Co., \$2544, 2%; Pittsburgh Steel Co., \$2623.46 net; Wickwire Spencer Steel Co., \$2687 net; West Coast Wire & Iron Works, \$2834; Page & Wire Co., \$3100 net; Michel & Pfeffer Iron Works, Inc., \$3250 net; Wayne Iron Works, \$3360 net. \* 20

### BIDS OPENED

SAN FRANCISCO.—Wickwire Spencer Steel Co., 101 Townsend St., San Francisco, at \$855.20 submitted low bid to T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1939, for furnishing 804 lf. of 10-ft. chain link tennis fence.

Total bids follow:

Wickwire Spencer Steel Co., \$855.20; California Wire Cloth Co., S. F., \$75.50; Anchor Post Fence Co., S. F., \$97.90; Standard Fence Co., S. F., \$103.52. \* 20

### BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to U. S. Engineer, Los Angeles, under Circ. Prop. 142, for 65,000 lbs. of fabricated steel for Mission Road bridge over Alhambra Wash:

Wisconsin Bridge & Iron Co., \$2,-990; Job Milwaukee; net.

Southwest Welding & Mfg. Co., \$3,-575; disc. 1/2 of 1%; 10 days; job site.

Bethlehem Fabricators, \$3848; job site.

Apex Steel Corp., \$3984.01; 1/2 of 1%; 20 days; job site.

Kyle Steel Const. Co., \$4212; disc. 1/2 of 1%; 10 days; job site.

Consolidated Steel Co., \$4303; job site.

Consolidated Steel Corp., \$4394; job site.

Minneapolis - Moline Power Implement Co., \$4446; 1/2 of 1%; 20 days; job site. \* 20

### CONTRACTS AWARDED

LOS ANGELES, Cal.—The Los Angeles City Purchasing Agent awarded the following contracts for furnishing rock, sand, gravel and stone dust:

Spec. 3688 to Consolidated Rock Prod. Co., at \$19,200 for crushed rock and washed concrete sand for one year.

Spec. 3689 to California Portland Cement Co., at \$14,400 for stone dust for one year.

Spec. 3694 to Pacific Rock & Gravel Co., at \$2,989.64 for sand and gravel. \* 20

### BIDS WANTED

SAN FRANCISCO.—Until Dec. 13, 3 p.m., bids will be received by the Purchaser of Supplies, T. A. Brooks,

270 City Hall, under Bid No. 1945, for furnishing approximately 4500 tons of asphaltic concrete wearing surface (WPA).

Plans and specifications may be obtained from the above office. 20

**BIDS OPENED**

**SACRAMENTO**, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-131, for furnishing miscellaneous castings, as follows:  
 (1) 100 pipe sleeve hand washers;  
 (2) 14 length pontoon pipe;  
 (3) One lot pipe and bands for pontoon elbow;  
 (4) One only, spur gear;  
 (5) 9 cleat or kevel.

General Engineering & Dry Dock Co., S. F.—(4) \$34,000;  
 Monarch Foundry Works, Sacramento—(1) \$50, (4) \$95, (5) \$225.  
 Neptune Machine Works, S. F.—(1) \$49, (4) \$74, (5) \$243.

Western Pipe & Steel Co. of Calif., S. F.—(2) \$2812, (3) \$585,  
 Union Machine Co., S. F.—(1) \$55, (4) \$89, (5) \$270.  
 Boiler Tank & Pipe Co., Oakland—(1) \$75, (2) \$3372 (3) \$905, (4) \$130, (5) \$265.05.

Bethlehem Shipbuilding Corp., Ltd., S. F.—(4) \$145, (5) \$297,  
 Pacific Coast Engineering Co., Oakland—(1) \$56, (2) \$2880, (3) \$570, (4) \$149, (5) \$211.50. 20

**CONTRACT AWARDED**

**LOS ANGELES**, Cal.—Consolidated Steel Corp., Ltd., Slauson and Eastern Aves., Los Angeles, at \$34,551.00 was awarded contract by the U. S. Engineer Office, Los Angeles, under Circ. Prop. 141, for 495,000 pounds of fabricated structural steel and other metal work incidental to steel framework in floor systems for two highway bridges (Geneva St. bridge and West Brand Blvd. bridge) complete with railings; each item shop-painted and/or galvanized and delivered to bridge sites ready for erection.

**BIDS WANTED**

**LOS ANGELES**, Cal.—Until Dec. 17, 2 P. M., bids will be received by the Los Angeles Water and Sewer Purchasing Agent for Performite 35% grade road covered cable; Spec. 2478, as follows:

- (1) 10,000 ft. No. 12, solid 2 conductor, rubber insulated cable; do;
- (2) 9500 ft. No. 10, 7-strand, do;
- (3) 6000 ft. No. 8, 7-strand, do;
- (4) 1500 ft. No. 4, 7-strand, do;
- (5) 600 ft. No. 2, 7-strand, 1 conductor, rubber insulated cable; do;
- (6) 2000 ft. No. 4/0 19-strand, do;
- (7) 3250 ft. No. 4, 7-strand, 3 conductor, rubber insulated cable; do.
- (8) 3000 ft. No. 6, 7-strand, do.

**BIDS OPENED**

**SAN FRANCISCO**.—Following submitted bids to the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-28-74, for 51,380 lbs. reinforcing steel bars. Following submitted identical bids at \$3,275 cwt., total \$1685,97: Herckel Iron Works, Oakland; Geo. R. Borrmann Co., Oakland; Dunham Carrigan & Hayden, San Francisco; Baker-Hamilton Pacific Co., San Francisco; Gilmore & Columbia Steel Inc., San Francisco; A. M. Castle & Co., San Francisco; Gunn Carle & Co., San Francisco; and Ceco Steel Products Corp., San Francisco.  
 Bethlehem Steel Co., San Francisco, submitted a bid of \$3,325 cwt., total \$1711.71; and W. C. Hauck & Co., San Francisco, submitted a bid of \$3,340 cwt., total \$1750.

**CONTRACTS AWARDED**

**OAKLAND**, Cal.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at \$21,750 (1), and American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at \$18,225 (2), were awarded contracts by the East Bay Municipal Utility District, John Kinball, Secretary, 512 16th Street, Oakland, under Prop. LS-207, for furnishing 45,000 lin. ft. cast iron pipe: (1) 30,000 14-in.; (2) 15,000 14-in. 8-in. 20

**BIDS OPENED**

**DENVER**, Colo.—Superior Portland Cement Co., Seahound Bldg., Seattle at (1) \$1.53 and (2) \$2.03; job Seattle submitted low bid to the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Custom House, Denver, under Bid No. A-33,683-A, for (1) 42,000 bbls. of portland cement in bulk and (2) 2000 bbls. portland cement in cloth sacks; job Moxee City, Wash.

Pacific Portland Cement Co., at (1) \$1.70 and (2) \$2.20; job Irwin, Spokane Co., Wash., submitted only other bid. 20

**BIDS WANTED**

**LOS ANGELES**, Calif.—Until Dec. 15, 3 P. M., bids will be received by the United States Engineer, Los Angeles, for 470,000 lbs. of fabricated steel and other metal work for Long Beach main line Pacific Elec. Ry. bridge over Compton Creek, shipped on government bill of lading and/or shipped at contractor's expense. Cir. Prop. 153.  
 Bid bond 10% must accompany bid. 20

**BIDS WANTED**

**LOS ANGELES**, Calif.—Until Dec. 14, 3 P. M., bids will be received by the United States Engineer, Los Angeles, for 174,000 lbs. fabricated steel and other metal work for Santa Conica Airline (P. E. Ry.) bridge over Ballona Creek, shipped on government bill of lading and/or shipped at contractor's expense. Cir. Prop. 152.  
 Bid bond 10% must accompany bid. 20

**CONTRACT AWARDED**

**GOVERNMENT ISLAND**, Calif.—Judson Pacific Co., 609 Mission St., San Francisco, at \$351,000, net, submitted low bid and awarded contract by the Forest Service Supply Officer, Government Island, under Bid No. 5330, for steel beam span, including all structural steel, bolts for field connections, bolts for superstructures and all miscellaneous work, in addition necessary for the erection of the roof for South Fork Kaweah River bridge, Visalia. 20

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

steam boiler E Svaergman, 584  
 SHGN, electric, \$300, 1569 Haight St.;  
 owner, Dr. Zwierling, prem.; contractor, Western Neon Lite Co., 75 Fremont St.  
 SHGN, electric, \$250, 1042 Kenney St.;  
 owner, Lupos Puzzeria, prem.; contractor, Apex Elec. Co., 563 Fell St.  
 ALTER flats, \$198, 1215-17 3rd Ave.;  
 owner, M. J. Kenny, prem.; contractor, Daley Bros., Burlingame.  
 SHGN, electric, \$145, 3426 Mission St.;  
 owner, Mission Hill Fire-French Tam, prem.; contractor, Pacific Elec. Co., 2600 18th St.  
 SHGN reflector, \$100, 4701 Geary St.;  
 owner, J. Junagan, 1921 Mission; contractor, W. B. Baker Co., 15 Harriet St.  
 SHGN, electric, \$75, 151 Powell St.;  
 owner, Herbert's Restaurant, 151

Powell St., contractor, Pacific Neon Mfg. Co., 29 18th St.  
 ALTER office bldg., \$150, 369 Pine, owner, Exchange Realty Co., 369 Pine St.  
 SHGN, electric, \$200, 350 Jones St.;  
 owner, Mecca Cleaners, prem.; contractor, Western Neon Lite Co., 75 Fremont St.  
 ALTER restaurant, \$295, 231 3rd St.;  
 owner, Patrick & Swanton, 237 3rd St.; contractor, Lambert Sales Co., 942 Mission St.  
 ALTER washrack, \$600, 19W 14th and Van Ness Ave. South; owner, James Ryan, Prem.; contractor, Michel & Pfeffer Iron Wks., 1415 Harrison St.  
 ALTER stores, \$800; SW Chestnut and Pierce Sts.; owner, Isabel Sprague, 399 Pine St.  
 ALTER store, \$75; 1055 Valencia; owner, J. H. Helms, 1055 Page St.  
 SHGN, electric, \$400; 5350 Geary Blvd.; owner, Eastman's, Prem.; contractor, Wonderlite Neon Prod. Corp., 170 Otho St.  
 SHGN, electric, \$130; 2459 San Bruno Ave.; owner, C. A. Fernandez, Prem.; contractor, Elec. Products Corp., 910 Harrison St.  
 SHGN, electric, \$300; 59 Sixth St.; owner, Modern Barber College, Prem.; contractor, Elec. Products Corp., 910 Harrison St.  
 SHGN, electric, \$250; 21 First St.; owner, Barrett Cigars, Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.  
 ALTER dwelling, \$475; 2034-35 Divisadero St.; owner, C. V. & E. J. Tiley, 2930 Sacramento St.  
 ALTER restaurant, \$150; 22-26 California St.; owner, O. Lesenna, Prem.; contractor, Standard Neon Mfg. Co., 119 Turk St.  
 ALTER warehouse, \$500; 370 Third St.; owner, J. H. McEvoy, 99 27th Ave.  
 ALTER flats, \$500; SW Octavia and Sutter Sts.; owner, Samuel Axelrod, 1011 Bush St.  
 SHGN, electric, \$150; 123 Eddy St.; owner, Harry Christopoulos, Prem.; contractor, Standard Neon Mfg. Co., 119 Turk St.  
 ALTER dwelling, \$250; 83 Meda St.; owner, W. Englander, Premises; contractor, Miller & McGinnis, 444 Geary Blvd.  
 SHGN, electric, \$75; 5350 Geary Blvd.; owner, Eastman's, Prem.; contractor, Wonderlite Neon Prod. Corp., 170 Otho St.  
 SHGN, electric, \$25; 2621 Mission St.; owner, 22nd St. Beauty Salon, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 SHGN, electric, \$200; 269 Third St.; owner, Modern Barber College, Prem.; contractor, Elec. Products Corp., 910 Harrison St.  
 SHGN, electric, \$350; 736 Broadway; owner, Progressive Restaurant, Prem. contractor, Brumfield EL Sign Co., 965 Folsom St.  
 ALTER restaurant, \$325; 126-28 Jackson St.; owner, M. Nathan, at 127 Jones St.; contractor, James Mulholland, 121 Randall St.  
 ALTER factory, \$100; 64 Pine St.; owner, Kate K. Wheeler, c/o Fred Johnson, contractor, Alfred P. Fisher, 111 Sutter St.  
 SHGN, electric, \$500; 1700 Van Ness Ave.; owner, W. A. McFarlane, Inc. Prem.; contractor, Electrical Prod. Corp., 910 Harrison St.  
 SHGN, electric, \$10; 2621 Mission St.; owner, 22nd St. Beauty Salon, Prem.; contractor, Elec. Prod. Corp., 910 Harrison St.  
 ALTER hotel, \$75; 3024 24th St.; owner, Fred Verberg, Premises; contractor, J. Juan Gutierrez, 1121 Park Ave.  
 SHGN, electric, \$170; 1700 Van Ness Ave.; owner, W. A. McFarlane, Inc. Prem.; contractor, Electrical Prod. Corp., 910 Harrison St.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Proj.	32.—Sewers & Sewage Equipment
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play-grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & Highways	

### 21— BRIDGES

#### CONTRACT AWARDED

MERCED CO., Cal.—Louis Biasotti & Son, P. O. Box 587, Stockton, at \$215,872.75, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Livingston, consisting of a steel girder track span on concrete abutments and pier and approximately 1.9 mi. of road to be graded and paved with Portland cement concrete, Merced Co., Calif. \* 21

#### BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 30, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for the construction of an undergrade crossing under the tracks of the Union Pacific Railroad Company near Pico, consisting of a steel girder track span on concrete abutments and approximately forty-nine hundredths mile of roadway grading and paving with Portland cement concrete and surfacing under plant-mixed surfacing the shoulders and a service road, Los Angeles County. Work involves:

- (1) 1,850 cu. y. existing concrete to be removed and disposed of;
- (2) 27 sta. clear and grub;
- (3) 456 M gals. water;
- (4) 30,000 cu. yd. rdwy. excav., unclass.
- (5) 2,100 cu. yd. struc. excav.;
- (6) 100 cu. yd. ditch and channel excavation;
- (7) 15,000 sq. yds. subgrade for pave
- (8) 27 sta. finishing rdwy.;
- (9) 1,550 tons mineral agg. (plant-mix surf.);
- (10) 85 tons liquid asphalt ROMC-3 or ROMC-5 (plant-mix surf.);
- (11) 10 tons liquid asph. SC-2 (prime coat);
- (12) 2,940 cu. yd. Class A Portland cement concrete pave.;
- (13) 16 sections pavement crossing devices, Type C;
- (14) 5,800 each pavement dowels;
- (15) 125,000 lbs bar rein. steel;
- (16) 800 cu. yd. Class A Portland cement concrete struc.;
- (17) 280,000 lbs fabricated structural steel;
- (18) 11,940 lbs fabricated cast steel expansion and fixed bearings;
- (19) 56,000 lbs fabricated wrought iron plate;
- (20) 11,500 lbs. 10-d rail assemblies
- (21) 11,210 lbs. misc. iron and steel.
- (22) 150 lf. curb armor.
- (23) 510 cu. yd. Class A Portland cement concrete slope pavement;

- (24) 90 lf. 24-in. standard reinforced concrete pipe;
- (25) 20 lf. 6-in. CMP;
- (26) 650 lf. 10-in. CMP;
- (27) 85 lf. 15-in. CMP;
- (28) 60 lf. 36x7 1/2-in. part circle CM culvert, 12 gauge;
- (29) 170 lf. 36x7 1/2-in. part circle CM culvert, 8 gauge;
- (30) 15 lf. 48x6 5/8-in. part circle CM culvert, 12 gauge;
- (31) 1,000 lf. 6-in. standard clay drain tile;
- (32) 144 lf. 6-in. perf. metal pipe;
- (33) 2,380 lf. 8-in. perf. metal pipe;
- (34) 250 cu. yd. rock filling material;
- (35) 880 cu. yd. Class A Portland cement concrete curbs, gutters, alley paving, sidewalks and driveways;
- (36) 150 lf. laminated guard railing;
- (37) 1,200 lf. pipe handrail;
- (38) 32 lf. 1 1/2-in. stand. galv. pipe;
- (39) 146 lf. 3-in. cast iron pipe;
- (40) 125 lbs. copper strips;
- (41) 40 cu. yd. protective covering;
- (42) 1 lot pumping equipment;
- (43) 1 lot electrical equipment;
- (44) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. 21

#### BIDS WANTED

COCONINO CO., Ariz.—Until Dec. 28, 10 a. m., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Arizona, for constructing the Wilson Canyon Bridge on Sec B, Rte. 7, Oak Creek National Forest Highway, Coconino National Forest, Coconino Co., Arizona.

- Work involves:
- (1) 1100 cu. yd. unclass. excav. for structures;
  - (2) 290 cu. yd. class B concrete;
  - (3) 395 cu. yd. class D concrete;
  - (4) 92,000 lbs. reinf. steel;
  - (5) 510,000 lbs. structural steel;
  - (6) 145 cu. yd. cement rubble masonry.
- Plans and specifications may be obtained from the above office and from C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. \* 21

### 22— DREDGING HARBOR WORKS, EXCAVATION

#### RECOMMENDED FOR AWARD.

SAN DIEGO, Calif.—Lipscomb & Barclay, 1367 Florida St., San Diego, at \$11,737 submitted low bid and were recommended for award by the Public Works Officer, 11th Naval Dist., San Diego, for the improvement of fender sys., Navy pier, at Naval Operating Base (Supply Depot), San Diego, Spec #563. Work involves: (a) removal of 187 existing

defective fender piles and one float anchor pile; (b) provision and driving of 188 cross timber piles to replace ones removed; (c) provision of materials for and installation of new cross timber checks at upper and lower wales, and misc work and mls. for installation of new fender piles and float anchor pile; (d) re-connecting existing log camels to new fender sys. The complete bids were:

Lipscomb & Barclay—(1) \$11,737, (2) \$8000, (3) \$10,275 (4) \$1500, Chas and F W Steffgren—(1) \$11,879.

M H Golden—(1) \$12,700, (2) \$7599, (3) \$9730, (4) \$1500.

V R Dennis Constr Co—(1) \$121,885, (2) \$13,415, (3) \$17,424, (4) 2385, Case Const Co—(1) \$23,165, (2) \$13,664, (3) \$16,751, (4) \$2318. 22

#### LOW BIDDER

SAN DIEGO, Calif.—Lipscomb and Barclay, 4367 Florida St., San Diego, at \$11,737 submitted low bid to Comdr. L. N. Moeller, Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8563, for the improvement of Fender System, Navy Pier, Naval Operating Base (Supply Depot), San Diego. \* 22

#### BIDS WANTED

SAN DIEGO, Cal.—Until Dec. 16, 11 a. m., bids will be received by the San Diego City Purchasing Agent, F. M. Lockwood, for the repair of the southwest corner of Pier No. 1, Harbor. Specifications and plans may be seen at the office of the Purchasing Agent and at the office of the city clerk. Document No. 305578. Bidding blanks, etc., may be procured from the purchasing agent.

#### CONTRACT AWARDED

PACIFIC CO., Wash.—Columbia Constr. Co., Las Vegas, Nevada, at \$1,179,183, awarded contract by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-38-144, for repairing the north jetty and constructing a spur jetty, tramways and land trackage and the furnishing and placing of about 470,000 tons of jetty stone and 1700 cu. yds. of cement concrete at the mouth of the Columbia River, Pacific County, Wash. \* 22

### 24—STREET LIGHTING

#### BIDS WANTED

SAN FRANCISCO.—Until Dec. 22, 3 p. m., bids will be received by the San Francisco Public Utilities Commission, Room 287, City Hall, for the installation of sodium vapor lights in the Stockton Street Tunnel. Work consists of removing 70 existing incandescent lamps and fixtures and installing 19 sodium vapor luminaires.

Plans and specifications may be obtained from Room 615, 425 Mason St., San Francisco, upon deposit of \$10. \* 24

### 25—MACHINERY AND EQUIPMENT

#### BIDS WANTED

SANTA CLARA AND SANTA CRUZ COS., Cal.—Until Dec. 14, 2 p. m., bids will be received by the Dept. of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211,

Capital City  
Title Company

JAMES E. BANCROFT

Manager

801 J Street

Sacramento : California

State Bldg., San Francisco, for the rental for 400 hours of one truck mounted power shovel unit, equipped with shovel dipper and clamshell of not less than 4/10 cu. yd., for use in Santa Clara and Santa Cruz Cos., Calif.

Plans and specifications may be obtained from the above office. \* 25

BIDS WANTED

SANTA CLARA AND SANTA CRUZ COS., Cal.—Until Dec. 14, 2 p.m., bids will be received by the Dept. of Public Works, Division of Highways, Jno. H. Skeeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 2000 hours of four pneumatic tired dump trucks, body capacity must be not less than 3 cu. yd., for use in Santa Clara and Santa Cruz Counties.

Plans and specifications may be obtained from the above office. \* 25

BIDS OPENED

ALAMEDA, Cal.—Following submitted bids to the Alameda City Council, City Clerk, City Hall, Alameda, for furnishing four automobiles: (1) one for the Alameda Fire Department; (2) three for the Police Department (trade-in allowance on Police cars).

Hoppert & Bergesen, Alameda—(1) \$875.50; (2) \$1416.45. (Pontiac), Frank Dietz Motor Co., Alameda—(1) \$749.75; (2) \$1099. (Ford).

Don Lee, Inc., Oakland—(1) \$1,067.4 (Oldsmobile).

C. W. Hammond, Alameda—(1) \$975.50; (2) \$1556.01 (Hudson-Terraplane).

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 29, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for 65 helical-screw or heringbone-gear type lubrication oil pumps with electric driving motors. Spec. 261, for use at Colorado River aqueduct pumping plants. This supersedes and cancels Spec. 255, scheduled to have been opened Dec. 21, at 10:00 a.m.

BIDS OPENED

SAN FRANCISCO.—Following submitted bids to the Forest Service Regional Office, P. O. Brown, Procurement Officer, 1022 Phelan Bldg., San Francisco, under Bid No. 1184, for furnishing an excavating and carrying scraper, f.o.b. shipping point. Alt. A, f.o.b. Del Rosa, Cal.

R. G. LeTourneau, Inc., Stockton—\$2345 (f.o.b. Stockton) and \$2455 (f.o.b. Del Rosa); 2% 30 days.

J. D. Adams Cos., San Francisco—\$2650 (f.o.b. Los Angeles) and \$2700 (f.o.b. Del Rosa); 2% 30 days. \* 25

BIDS WANTED

SEATTLE, King Co., Wash.—Until December 23, bids will be received by the Board of Public Works, 511 County-City Bldg., Seattle, for the construction of Unit No. 9, Henderson Street Tank sewer.

Plans and specifications may be obtained from N. A. Carle, City Engineer.

BIDS OPENED

OKLAND, Cal.—Following submitted bids to the Oakland City Council, City Clerk, City Hall, for the rental of concrete mixers:

Healy-Thibbitts Construction Co., S. F.—90c hour (3½ cu. ft. capacity).

Sam Bates Co., Oakland—45c (3½ cu. ft. capacity); 70c (7 cu. ft. capacity); and \$100 (14 cu. ft. capacity).

BIDS WANTED

OKLAND, Cal.—Until Dec. 14, 1 p.m., bids will be received by the Oakland City Council, City Clerk,

City Hall, for furnishing six automobiles for the Oakland Police Department.

Plans and specifications may be obtained from the above office. \* 25

BIDS OPENED

YAKIMA PROJECT, Wash.—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 992-D, for furnishing and delivering structural steel for nine bridges on the Yakima Ridge Canal. The Division of Yakima Project, Wa. Materials will be installed by the Government; f.o.b. shipping point and/or cars at Moxee City, Wash.

Bethlehem Steel Co., Chicago, Ill.—\$7500; wt. 204,300; net; f.o.b. Chicago.

Wisconsin Bridge & Iron Co., Milwaukee—\$7968; wt. 202,500; net; f.o.b. Milwaukee.

American Bridge Co., Denver, Col.—\$8759; wt. 207,275; net; f.o.b. Gary, Ind.

The Midwest Steel & Iron Works Co., Denver—\$8575; wt. 200,000; ½ of 1½; f.o.b. Moxee City, Wash. Alt. \$5955; f.o.b. Bethlehem, Pa.

Minneapolis-Moline Power Implement Co., Minneapolis—\$9400; wt. 204,075; net; f.o.b. Minneapolis.

Berkeley Steel Constr. Co., Inc., Berkeley, Cal.—\$12,080; wt. 206,000; ½ of 1½; f.o.b. Berkeley.

Golden Gate Iron Works, San Francisco—\$9490; wt. 204,000; ¼ of 1½; f.o.b. San Francisco.

Bethlehem Fabricators, Inc., Bethlehem—\$7553; wt. 211,144; net; f.o.b. Bethlehem; alt. rail. water, \$10,342.

Isaacson Iron Works, Seattle, Wash.—\$10,614; wt. 206,000; ½ of 1½; f.o.b. Seattle.

Standard Steel Fabricating Co. and Boiler Works, Inc., Seattle, Wash.—\$10,338; wt. 206,725; net; f.o.b. Seattle.

The Ingalls Iron Works, Birmingham, Ala.—\$7100; wt. 202,100; net; f.o.b. Verona, Pa.

Moore Dry Dock Co., San Francisco—\$9783; wt. 207,000; f.o.b. Oakland; net.

Independent Iron Works, Ltd., Oakland—\$9917; wt. 210,000; ½ of 1½; f.o.b.

St. Louis Structural Steel Co., East St. Louis—\$9365; wt. 211,100; ½ of 1½; f.o.b. St. Louis.

Pacific Car & Foundry Co., Seattle, Wash.—\$10,530; wt. 204,400; net; f.o.b. Moxee City, Wash.

Midland Structural Steel Co., Chicago, Ill.—\$7,988; wt. 205,000; ½ of 1½; f.o.b. Cicero.

Milwaukee Bridge Co., Milwaukee—\$7918; wt. 208,900; net; f.o.b. Milwaukee.

The Missouri Valley Bridge & Iron Co., Leavenworth, Kans.—\$8595; wt. 205,400; ½ of 1½; f.o.b. Leavenworth.

The Smith Corp., dba General Iron & Steel Works, Portland—\$13,224; wt. 205,000; net; f.o.b. Portland.

Valley Iron Works, Yakima Wash.—\$9225; wt. 205,000, 5½' f.o.b. Yakima

Duffin Iron Works, Chicago—\$9,225; wt. 204,300; net; f.o.b. Chicago

Hunter Steel Co., Pittsburgh, Pa.—\$6750; wt. 203,000; net; f.o.b. Neville Island, Pa.

Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa. \$8623; wt. 203,000; net; f.o.b. Neville Island, Pa.

Spink Iron & Foundry Co., St. Louis—\$8645; wt. 206,000; net; f.o.b. St. Louis.

Walden-Aron Co., Milwaukee—\$7,390; wt. 210,000; net; f.o.b. Milwaukee.

John W. Beam Denver, Colo.—\$9,150; wt. 208,000 ½ of 1½; f.o.b. Portland, Ill.

J. T. Ryerson & Son, Inc., Chicago—\$8000; wt. 207,600; ½ of 1½; f.o.b. Chicago.

BIDS WANTED

LOS ANGELES, Cal. Until Dec. 17 2 p.m. bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for oil pumping units f.o.b. shipping point and/or Earp and/or Rice; Bid 92215.

The items are:

- (1) 3 oil pumping units for Intake pump plant, Earp;
- (2) 3 same for Gene pump plant, Earp;
- (3) 4 same for Iron Mt pump plant, Rice;
- (4) 3 same for Eagle Mt pump plant, Rice;
- (5) 3 same for Hayfield pump plant, Rice.

This cancels bid No. 91896, scheduled to be opened Dec. 10. \* 25

BIDS WANTED

KENDRICK PROJECT, Wyo.—Until January 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 763, for furnishing three motor-driven gate hoists for operating the 14-ft. by 55-ft. fixed-wheel gates to be installed in the spillway of the Seminoe Dam, Kendrick Project, Wyo. Gate hoists will be installed by the Government; f.o.b. shipping point and/or Parco, Wyoming.

Plans and specifications may be obtained from the above office. \* 25

BIDS OPENED

YAKIMA PROJ., Wash.—Following submitted bids to the Bureau of Reclamation, Denver, under spec. No. 992-D, for furnishing two 13-ft. 4-in. by 12-ft. 6-in. radial gates and two 7.500-lb. capacity, double-drum motor-driven, radial-gate hoists for installation at the Inlet to the Pomona siphon, Yakima Ridge canal, Reza Division, Yakima Project, Washington. Gates and hoists will be installed by the Government; f.o.b. shipping point and/or Pomona, Wash.:

Treadwell Const. Co., Milbank, Pa. (1) \$1956; wt. 14,000 lbs.; net; f.o.b. Milbank.

Isaacson Iron Works, Seattle, (1) \$1970; wt. 14,900; 2½' f.o.b. Seattle.

Minneapolis-Moline Power Implement Co., Minneapolis (1) \$1947; wt. 15,500; net; f.o.b. Minneapolis.

Western Foundry Co., Portland (2) \$2390; wt. 5200 lbs.; f.o.b. Portland.

Fuget Sound Mch. Dept., Seattle (2) \$2298.65; wt. 4700; net; f.o.b. Seattle.

Valley Iron Works, Inc., Yakima, Wash. (1) \$2164; wt. 16,600; (2) \$2,720; wt. 5000, 5½' f.o.b. Yakima.

Wikan Iron Works, Wilkes Barre, Pa. (1) \$3000; wt. 16,000; (2) \$1920; wt. 5000; Comb. \$8820; net; f.o.b. Wilkes Barre.

Koppers Co., Western Gas Div., Ft. Wayne, Ind. (1) \$2114; wt. 15,730; (2) \$2296; wt. 1100; Comb. \$7045; net; f.o.b. Ft. Wayne.

Lafayette Bridge & Steel Co., Minneapolis, Wis. (1) \$1702; wt. 15,200; (2) \$2143; wt. 1800; net; f.o.b. Minneapolis.

Commercial Iron Works, Portland (2) \$2537; wt. \$300; 1½' f.o.b. Portland.

John W. Beam, Denver (1) \$1410; wt. 15,000; wt. f.o.b. Denver, Ill. (2) \$2700; wt. 7200; f.o.b. Denver.

Walden-Aron Co., Milwaukee, Wis. (1) \$1654; wt. 14,000; (2) \$1850; wt. 14,000; (3) \$1850; wt. 14,000; (4) \$1850; wt. 14,000; (5) \$1850; wt. 14,000; (6) \$1850; wt. 14,000; (7) \$1850; wt. 14,000; (8) \$1850; wt. 14,000; (9) \$1850; wt. 14,000; (10) \$1850; wt. 14,000; (11) \$1850; wt. 14,000; (12) \$1850; wt. 14,000; (13) \$1850; wt. 14,000; (14) \$1850; wt. 14,000; (15) \$1850; wt. 14,000; (16) \$1850; wt. 14,000; (17) \$1850; wt. 14,000; (18) \$1850; wt. 14,000; (19) \$1850; wt. 14,000; (20) \$1850; wt. 14,000; (21) \$1850; wt. 14,000; (22) \$1850; wt. 14,000; (23) \$1850; wt. 14,000; (24) \$1850; wt. 14,000; (25) \$1850; wt. 14,000; (26) \$1850; wt. 14,000; (27) \$1850; wt. 14,000; (28) \$1850; wt. 14,000; (29) \$1850; wt. 14,000; (30) \$1850; wt. 14,000; (31) \$1850; wt. 14,000; (32) \$1850; wt. 14,000; (33) \$1850; wt. 14,000; (34) \$1850; wt. 14,000; (35) \$1850; wt. 14,000; (36) \$1850; wt. 14,000; (37) \$1850; wt. 14,000; (38) \$1850; wt. 14,000; (39) \$1850; wt. 14,000; (40) \$1850; wt. 14,000; (41) \$1850; wt. 14,000; (42) \$1850; wt. 14,000; (43) \$1850; wt. 14,000; (44) \$1850; wt. 14,000; (45) \$1850; wt. 14,000; (46) \$1850; wt. 14,000; (47) \$1850; wt. 14,000; (48) \$1850; wt. 14,000; (49) \$1850; wt. 14,000; (50) \$1850; wt. 14,000; (51) \$1850; wt. 14,000; (52) \$1850; wt. 14,000; (53) \$1850; wt. 14,000; (54) \$1850; wt. 14,000; (55) \$1850; wt. 14,000; (56) \$1850; wt. 14,000; (57) \$1850; wt. 14,000; (58) \$1850; wt. 14,000; (59) \$1850; wt. 14,000; (60) \$1850; wt. 14,000; (61) \$1850; wt. 14,000; (62) \$1850; wt. 14,000; (63) \$1850; wt. 14,000; (64) \$1850; wt. 14,000; (65) \$1850; wt. 14,000; (66) \$1850; wt. 14,000; (67) \$1850; wt. 14,000; (68) \$1850; wt. 14,000; (69) \$1850; wt. 14,000; (70) \$1850; wt. 14,000; (71) \$1850; wt. 14,000; (72) \$1850; wt. 14,000; (73) \$1850; wt. 14,000; (74) \$1850; wt. 14,000; (75) \$1850; wt. 14,000; (76) \$1850; wt. 14,000; (77) \$1850; wt. 14,000; (78) \$1850; wt. 14,000; (79) \$1850; wt. 14,000; (80) \$1850; wt. 14,000; (81) \$1850; wt. 14,000; (82) \$1850; wt. 14,000; (83) \$1850; wt. 14,000; (84) \$1850; wt. 14,000; (85) \$1850; wt. 14,000; (86) \$1850; wt. 14,000; (87) \$1850; wt. 14,000; (88) \$1850; wt. 14,000; (89) \$1850; wt. 14,000; (90) \$1850; wt. 14,000; (91) \$1850; wt. 14,000; (92) \$1850; wt. 14,000; (93) \$1850; wt. 14,000; (94) \$1850; wt. 14,000; (95) \$1850; wt. 14,000; (96) \$1850; wt. 14,000; (97) \$1850; wt. 14,000; (98) \$1850; wt. 14,000; (99) \$1850; wt. 14,000; (100) \$1850; wt. 14,000; (101) \$1850; wt. 14,000; (102) \$1850; wt. 14,000; (103) \$1850; wt. 14,000; (104) \$1850; wt. 14,000; (105) \$1850; wt. 14,000; (106) \$1850; wt. 14,000; (107) \$1850; wt. 14,000; (108) \$1850; wt. 14,000; (109) \$1850; wt. 14,000; (110) \$1850; wt. 14,000; (111) \$1850; wt. 14,000; (112) \$1850; wt. 14,000; (113) \$1850; wt. 14,000; (114) \$1850; wt. 14,000; (115) \$1850; wt. 14,000; (116) \$1850; wt. 14,000; (117) \$1850; wt. 14,000; (118) \$1850; wt. 14,000; (119) \$1850; wt. 14,000; (120) \$1850; wt. 14,000; (121) \$1850; wt. 14,000; (122) \$1850; wt. 14,000; (123) \$1850; wt. 14,000; (124) \$1850; wt. 14,000; (125) \$1850; wt. 14,000; (126) \$1850; wt. 14,000; (127) \$1850; wt. 14,000; (128) \$1850; wt. 14,000; (129) \$1850; wt. 14,000; (130) \$1850; wt. 14,000; (131) \$1850; wt. 14,000; (132) \$1850; wt. 14,000; (133) \$1850; wt. 14,000; (134) \$1850; wt. 14,000; (135) \$1850; wt. 14,000; (136) \$1850; wt. 14,000; (137) \$1850; wt. 14,000; (138) \$1850; wt. 14,000; (139) \$1850; wt. 14,000; (140) \$1850; wt. 14,000; (141) \$1850; wt. 14,000; (142) \$1850; wt. 14,000; (143) \$1850; wt. 14,000; (144) \$1850; wt. 14,000; (145) \$1850; wt. 14,000; (146) \$1850; wt. 14,000; (147) \$1850; wt. 14,000; (148) \$1850; wt. 14,000; (149) \$1850; wt. 14,000; (150) \$1850; wt. 14,000; (151) \$1850; wt. 14,000; (152) \$1850; wt. 14,000; (153) \$1850; wt. 14,000; (154) \$1850; wt. 14,000; (155) \$1850; wt. 14,000; (156) \$1850; wt. 14,000; (157) \$1850; wt. 14,000; (158) \$1850; wt. 14,000; (159) \$1850; 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wt. 14,000; (314) \$1850; wt. 14,000; (315) \$1850; wt. 14,000; (316) \$1850; wt. 14,000; (317) \$1850; wt. 14,000; (318) \$1850; wt. 14,000; (319) \$1850; wt. 14,000; (320) \$1850; wt. 14,000; (321) \$1850; wt. 14,000; (322) \$1850; wt. 14,000

keley: (1) \$1950; wt. 16,000; 1/2¢; fob Berkeley. 25

### BIDS WANTED

**GRAND COULLEE DAM.**—Until Jan. 4, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 764, for furnishing (1) twenty bulkhead gate frame and track units for installation at the inlet ends of the Outlet conduits from elevation 975.0 to elevation 1206; (2) three bulkhead gate frame and track units for installation at the inlet ends of station service penstocks; (3) eighteen complete gate frames for the penstock inlet gates at the inlet ends of the main power penstocks, Grand Coulee Dam, Columbia Basin Project, Wash. Materials will be installed by the Government; f.o.b. shipping point and/or Odair, Washington.

Plans and specifications may be obtained from the above office. \* 25

### BIDS OPENED

**LOS ANGELES, Cal.**—Following bids were submitted to the Metropolitan Water District, Los Angeles under Spec. 254, for nine inlet gates with gate guides and hoists for use at Intake pumping plant of Colorado River Aqueduct.

The equipment consists of nine 7-ft. 8-in. by 7-ft. 8-in. C gates with C-1 guides and 9 hand-operated worm-gear type hoists, together with sufficient hoist chain for operating the gates. The bids were:

Koppers Co. (Western Gas Division), Fort Wayne, Ind.—(1) \$1670; \$15,030; use tax \$150.00; total \$15,480. Disc. 1/2 of 1%. Use tax will be collected by bidder. Ship wt. 17,400 lbs. f.o.b. Fort Wayne, Ind.

Commercial Iron Works, Portland, Ore.—(1) \$1886 ea., \$17,874; add use tax. Disc. of 1%. Ship wt. 12,700 lbs. f.o.b. Portland, Ore.

Los Angeles Shipbuilding & Dry Dock Corp.—(1) \$2042 ea., \$18,378. Sales tax \$551.34; total \$18,929.34. No disc. No use tax. Ship wt. 16,000 lbs ea gate; f.o.b. San Pedro.

Joshua Hendy Iron Works, San Francisco—(1) \$1846 ea., \$16,614. Sales tax \$498.42; total \$17,112.42. No disc; no use tax. Ship wt. 13,890 lbs ea gate; f.o.b. Sunnyvale, Calif.

Consolidated Steel Corp., Ltd., L. A.—(1) \$1908 ea., \$17,172. Sales tax \$515.16; total \$17,687.16. No disc. Ship wt. 12,900 lbs; f.o.b. Los Angeles. 25

### BIDS OPENED

#### TRUCKEE STORAGE PROJECT.

Following submitted bids to the Bureau of Reclamation, Denver, Col. under Spec. No. 994-D, for furnishing (1) two 19-ft. by 16-ft. radial gates and (2) two 16,000-lb. capacity, double-drum, motor-driven radial gate hoists for installation in the spillway at the Boca Dam, Truckee Storage Project, Nevada-California. Gates and hoists will be installed by the Government; f.o.b. shipping point and/or Boca, Calif.

Koppers Co. (Western Gas Division, Fort Wayne, Ind.—(1) \$2200; wt. 36,820; (2) \$3670; wt. 6714; combination \$6900; net; f.o.b. Fort Wayne.

Consolidated Steel Corp. Ltd., Los Angeles, Cal.—(1) \$3314; wt. 32,300; (2) \$3986; wt. 7275; combination \$7,081; net; f.o.b. Los Angeles.

Pacific Iron & Steel Co., Ltd., Los Angeles, Cal.—(1) \$3100; wt. 32,768; net; f.o.b. Lynwood, Cal.

Vulcan Iron Works, Wilkes-Barre, Pa.—(1) \$5700; wt. 32,000; (2) \$7000; wt. 10,000; combination \$12,700; net; f.o.b. Wilkes-Barre.

Valley Iron Works, Inc., Yakima, Wash.—(1) \$2950; wt. 34,500; (2) 2,845; wt. 3000, 5¢; f.o.b. Yakima.

Puget Sound Machinery Depot, Seattle, Wash.—(2) \$2799.32; wt. 7750;

net; f.o.b. Seattle.

Southwest Welding & Mfg. Co., Inc., Alhambra, Cal.—(1) \$2598; wt. 33,000; 1/2¢; f.o.b. Alhambra.

Minneapolis-Moline Power Implement Co., Minn.—(1) \$2850; wt. 33,000; net; f.o.b. Minneapolis.

Treadwell Constr. Co., Midland, Pa.—(1) \$2590; wt. 30,800; net; f.o.b. Midland.

Wisconsin Bridge & Iron Co., Milwaukee—(1) \$3735; wt. 34,500; net; f.o.b. Milwaukee.

Commercial Iron Works, Portland, Ore.—(2) \$2788; wt. 7100; 1/4¢; f.o.b. Portland.

Berkeley Steel Const. Co., Inc., Berkeley—(1) \$3300; wt. 32,500; 1/4¢; f.o.b. Berkeley.

Western Foundry Co., Portland, Ore.—(2) \$3125; wt. 7300; 1¢; f.o.b. Portland.

Issaquon Iron Works, Seattle, Wn.—(1) \$3400; wt. 32,000; 1/2¢; f.o.b. Seattle.

Omaha Steel Works, Omaha, Neb.—(1) \$2467; wt. 31,500; 1/4¢; f.o.b. Omaha.

Pacific Coast Engrg. Co., Oakland, Cal.—(1) \$2970; wt. 16,500; 1/4¢; f.o.b. Oakland.

Lakeside Bridge & Steel Co., Milwaukee—(1) \$2500; wt. 32,200; (2) \$3550; wt. 7700; net; f.o.b. Milwaukee.

Virginia Bridge Co., Roanoke, Va.—(1) \$3500; wt. 32,200; net; f.o.b. Birmingham, Ala.

John W. Beam, Denver, Colo.—(1) \$2372; wt. 31,000; 1/2¢; f.o.b. Peotone, Ill.; (2) \$2875; wt. 6900; f.o.b. Denver, Colo.

California Steel Products Co., San Francisco—(1) \$2998; wt. 32,000; net; f.o.b. San Francisco. \* 25

### BIDS WANTED

**LOS ANGELES, Cal.**—Until Jan. 4, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for operation valves for Palos Verdes feeder of Colorado River Aqueduct, Spec. 256. The work to be bid upon has been set up in six schedules, or schedule groups, as follows:

#### SCHEDULE

(1) One 12-in. manually operated rotating conical plug type shutoff valve; two 30-in. manually operated rotating conical plug type shutoff valves;

(2C, 2G, or 2P) Three automatic pressure regulating assemblies complete with operating mechanisms and all appurtenances;

(3P, 3A, or 3G) two automatic pressure relief assemblies, complete with operating mechanism and all appurtenances;

(4) two 54-in. slide gates, complete with operating mechanisms and all appurtenances;

(5) one 30-in. gate valve, complete with operating mechanism;

(6) Two pieces of erecting engineers. Under Schedule Group 2, alternative proposals may be submitted for assemblies with (2C) conical plug (2G) globe, or (2P) balanced plunger type valves, and similarly under Schedule Group 3, alternative proposals may be submitted for assemblies with (3P) balanced plunger, (3A) angle, or (3G) globe type valves.

The district reserves the right after opening bids to reject all bids or to make award to the lowest responsible bidder under any schedule or schedules and reject all other bids; PROVIDED, that the district further reserves the right to award to each of said Schedule Groups 2 and 3, to select one of said alternative schedules and make award to the lowest responsible bidder thereon and reject all other bids under said schedule group

as noted above. It is to be understood that the district is subject to the foregoing restrictions, the bidder may make

such stipulations as he desires regarding combination of schedules. \* 25

### BIDS OPENED

**BOULDER CANYON PROJECT.**—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 989-D, for furnishing and delivering structural steel for four bus towers, one center take-off structure, and two lightning arrester supports for the Southern California Edison Co. switching station and transformer circuits at Boulder city yard, Boulder Canyon Proj. Structures will be erected by the Government; fob shipping point and/or Boulder City, Nevada.

Wisconsin Bridge & Iron Co., Milwaukee, \$10,925; wt. 126,000 lbs.; net; fob Milwaukee.

Bethlehem Steel Co., Bethlehem, Pa., \$9,300; wt. 121,300; net; fob Boulder City.

Blaw-Knox Co., Pittsburgh, Pa., \$10,345; wt. 132,000; net; fob Blaw-Knox, Pa.

Emco Derrick & Equipment Co., Los Angeles, \$9,235; wt. 14,000; net; fob Los Angeles.

St. Louis Structural Steel Co., East St. Louis, Ill., \$11,418; wt. 115,038; 1/2¢; fob St. Louis.

Wagon-Allyn Co., Milwaukee, Wis. \$8,480; wt. 123,000; net; fob Milwaukee.

Nashville Bridge Co., Nashville, Tenn., \$9,100; wt. 114,000; net; fob Bessemer, Ala.

Lehigh Structural Steel Co., New York, \$6,410; wt. 118,000; net; fob Allentown, Pa.

International Derrick and Equipment Co., Torrance, Calif., \$7,492; wt. 122,257; 1/4¢; fob Torrance.

Berkeley Steel Const. Co., Berkeley, Calif., \$12,770; wt. 129,000; 1/4¢; fob Berkeley.

American Bridge Co., Denver, Colo., \$10,206; wt. 129,200; net; fob Boulder City. 25

### BIDS OPENED

#### KENDRICK PROJ., Wyoming.

Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 990-E, for furnishing and delivering three 14x50-ft. fixed-wheel gates for installation in the spillway at the Seminole Dam, Kendrick Proj., Wyo. Gate will be installed by the Government; fob shipping point and/or Farco, Wyo.

John W. Beam, Denver, \$41,500; wt. 285,000 lbs.; 3/8¢; fob Chicago.

Treadwell Const. Co., Midland, Pa., \$50,760; wt. 296,200; net; fob Midland.

American Bridge Co., Denver, Colo., \$55,677; wt. 273,220; net; fob Gary, Indiana.

Lakeside Steel Co., Pittsburgh, Pa., \$47,710; wt. 286,000; net; fob Neville Island, Pa.

Consolidated Steel Corp., Los Angeles, \$49,079; wt. 304,090; net; fob Los Angeles.

Valley Iron Works, Yakima, Wash., \$42,236; wt. 292,000; 6¢; fob Yakima.

Lakeside Bridge & Steel Co., Milwaukee, \$59,000; wt. 300,000; net; fob Milwaukee.

Berkeley Steel Const. Co., Berkeley, Cal., \$47,000; wt. 290,000; 1/2¢; fob Berkeley.

Bethlehem Steel Co., Bethlehem, Pa., \$39,924; wt. 275,800; net; fob Chicago.

Koppers Co., Bartlett-Hayward Division, Baltimore, \$52,800; wt. 29,500; 1/2¢; fob Baltimore.

Commercial Iron Works, Portland, \$41,966; wt. 275,000; 1/2¢; fob Portland.

Phillips & Davies, Inc., Kenton, O., \$37,000; wt. 275,000; 1¢; fob Kenton.

The Smith Corp., doing business as General Iron & Steel Works, Portland, \$47,510; wt. 280,000; net; Portland. \* 25

**CONTRACT AWARDED**

OAKLAND, Cal.—Moore Machinery Co., 550 Fifth St., San Francisco, at \$156,374 awarded contract by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Prop. 939, for furnishing one 1/2-inch head bolt threading machine. 23

**BIDS WANTED**

SOLANO COUNTY, Cal.—Until December 10, 3 P. M., bids will be received by the State Division of Highways, District X, 1200 North Center St., Stockton, for the rental of one or more pneumatic tired power dust dump trucks, 2- and 3-cy. capacity, completely serviced, equipped and manned, for use in Solano county and vicinity.

Plans and specifications may be obtained from the above office. 23

**BIDS OPENED**

OAKLAND, Cal.—Following submitted bids to the Oakland City Council, City Clerk, City Hall, for the rental of dump trucks for use in the City of Oakland; FWA project—J. Pine, 78c per hour; F. Mullinieux, 78c & 79c; A. Cozinos, 75c & 79c; Victor Ratti, 78c and 79c; W. F. Fagot, 75c; J. Mustain, 79c; H. Scholtz, 75c; Bruno Skibos, 78 3/4c; Asphalt Pavement Paving Co., 87c; R. A. Ward, 80c; Ray Thompson, 78c; Wm. Gatti, 75c; Frank Breime, 70c; Mario Dori, 79c; D. Henderson, 75c, and A. L. Green, 78c. 25

**BIDS OPENED**

OAKLAND, Calif.—Following submitted bids to the Oakland City Council, City Clerk, City Hall, for the rental of (1) 105 cu. ft. air compressor, and (2) 160 cu. ft. air compressor.

Gardner Machinery & Drill Co.—(1) \$1.00 per hour; (2) \$1.50 per hour.

Western Machinery Co.—(1) \$1.44, (2) \$2.44.

Edwin Leitch & Co.—(1) \$1.90.

K. Rojek—(1) \$1.90.

Sam Bates Co.—(1) \$1.10; (2) \$1.40

**BIDS WANTED**

KLAMATH PROJECT, Oregon-Calif.—Until Dec. 27, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 999-D, for furnishing one motor-driven pumping unit for use in the Tule Lake No. 6 drainage pumping plant, Klamath Project, Oregon-Calif. Apparatus will be installed by the Government; f.o.b. shipping point.

Plans and specifications may be obtained from the above office. 25

**29—STREETS AND HIGHWAYS**

**BIDS OPENED**

INYO COUNTY, Cal.—Basich Bros. 20530 S. Normandie Ave., Torrance, at \$15,433.70 submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with road-mix surfacing 2 miles between 1.5 miles west of Bishop and Bishop, Inyo County, Cal.

- Work involves:
- (1) 275 M. gals. water;
  - (2) 2,660 c.y. roadway excav., without class;
  - (3) 520 c.y. struc. excav.;
  - (4) 415 c.y. ditch and channel excavation;
  - (5) 2,440 sta. yds. overhaul;
  - (6) 9,900 cu. y. imported borrow;
  - (7) 5 c.y. remove concrete;
  - (8) 106 sta. finishing roadway;
  - (9) 25 tons liq. asphalt, SC-2, prime coat;
  - (10) 1,930 cu. y. min. aggregate surf.;

- (11) 190 tons liq. asphalt, SC-3, surf.;
- (12) 206 tons liq. asphalt, MC-3, seal coat;
- (13) 125 tons sand, seal coat;
- (14) 1,050 lbs. bar reinf. steel;
- (15) 3,950 lbs. wire iron and steel;
- (16) 9 c.y. class A portland cement conc. strucs.;
- (17) 972 lf. 18-in. CMP;
- (18) 32 lf. 24-in. CMP;
- (19) 238 lf. exist. CMP, remove, clean and relay;
- (20) 400 lf. exist. CMP, remove, clean and salvage;
- (21) 8 each, culvert markers;
- (22) 60 lf. exist. guard railing, move and reset;
- (23) 0.25 mi. exist. property fence, move and reset.

The State will furnish C.M.P., etc. Total bids follow.

- (A) Basich Bros., 20530 S. Normandie Ave., Torrance, \$15,433.70.
  - (B) Young & Son Co., Ltd., Berkeley, \$20,801.20.
  - (C) Triangle Rock & Gravel Co., San Bernardino, \$22,548.30.
- Unit prices follow:

	(A)	(B)	(C)
(1)	3.00	\$ 1.00	\$ 1.50
(2)	.35	.58	.90
(3)	1.25	1.20	1.90
(4)	.80	.80	.90
(5)	.01	0.075	.02
(6)	.40	.92	.65
(7)	1.65	1.90	1.60
(8)	10.00	6.00	8.00
(9)	13.30	17.70	20.00
(10)	1.26	1.05	2.00
(11)	14.74	15.75	17.00
(12)	18.30	21.50	22.00
(13)	3.30	3.00	2.90
(14)	.07	.10	.10
(15)	.15	.18	.15
(16)	35.04	37.50	40.00
(17)	.35	.40	.75
(18)	.35	.50	1.00
(19)	.75	.90	2.00
(20)	2.50	3.00	1.75
(21)	2.50	2.50	3.00
(22)	1.50	.75	3.00
(23)	500.00	350.00	200.00

**CONTRACT AWARDED**

SAN FRANCISCO—Chas L. Harney, 413 Call Bldg., San Francisco, at \$7,350.80, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 10086, for the reconstruction of Harriet St. between Folsom and Harrison Sts., San Francisco. Estimated cost, \$9,300.00. 29

**BIDS WANTED**

SAN FRANCISCO—Until Dec. 22, 2:30 p.m., bids will be received by the Dept. of Public Works, Room 251, City Hall, for the improvement of Sweeney Street between Bayview & Buchanan (between). Estimated cost, \$1200.

- Work involves:
- (1) 150 lf. 6-in. VCP side sewer;
  - (2) 262 lf. unarmored concrete curb;
  - (3) 2750 square feet asphalt concrete on base, consisting of 4-in. asphalt concrete base and a 2-in. concrete wearing surface;
  - (4) 2 1/2-in. water streets installed.
- Plans and specifications may be obtained from the City Engineer, Public Works Bldg., Room 251, City Hall, upon deposit of \$10. 29

**BIDS WANTED**

CLARK COUNTY, Nev.—Until Dec. 21, 1:30 P. M., bids will be received by the Director of the Department of Highways, Heros McMillan Bldg., State Capitol, Nev., for the reconstruction of a concrete and asphalt roadway and approaches on the state highway, 1 1/2 miles north of Clark County, Section B, between the town of Nevada and the town of Carson.

Work involves:

- (1) 660 lf. remove culvert pipe;
- (2) 1 each remove headwalk;
- (3) 2600 cu. yd. remove overpass;

- (4) 11,980 sq. yd. remove and stock-pile roadmix surf.;
- (5) 58,573 cu. yd. roadway excav.;
- (6) 105 cu. yd. slope excav.;
- (7) 4 sta. "V" type ditches;
- (8) 27 sta. slope rounding;
- (9) 258,924 yd. sta. overhaul (yd. sta.);
- (10) 9,321 yd. mi. overhaul (yd. mile)
- (11) 1,025 cu. yd. struc. excav.;
- (12) 875 cu. yd. struc. excav.;
- (13) 1,078 miles of shoulder, Type B;
- (14) 863 cu. yd. salvaged aggregate;
- (15) 810 cu. yd. rock cleanup;
- (16) force account, roadside cleanup;
- (17) 766 M. gals. water;
- (18) 3,169 cu. yd. gravel surface;
- (19) 16 tons liquid asphalt, Type SC-2 (prime coat);
- (20) 8 tons do (seal coat);
- (21) 102 tons do (road-mix);
- (22) 1,078 miles roadmix;
- (23) 753 cu. yd. Class A concrete;
- (24) 12 cu. yd. Class B concrete;
- (25) 37,860 lbs. reinf. steel;
- (26) 129,500 lbs. struc. steel;
- (27) 70 lf. 18-in. corr. metal pipe;
- (28) 272 lf. 24-in. do;
- (29) 26 lf. relay culvert pipe;
- (30) 2 each move pipe culvert head-walls;
- (31) 103 cu. yd. Class A concrete curb and gutter;
- (32) 800 lbs. castings;
- (33) 12 each culvert markers;
- (34) 16 each monuments;
- (35) 432 cu. yd. ballast;
- (36) 1,250 sq. ft. 3-ply membrane waterproofing.

Plans and specifications may be obtained from State Highway Engineer Robt A. Allen, Carson City, upon deposit of \$10. 29

**BIDS WANTED**

SAN DIEGO, Cal.—Until Dec. 21, 10 a.m., bids will be received by the San Diego city council, Allen H. Wright, City Clerk, for street work as follows:

Improvement of Alley in Block 3, Cleveland Heights, by grading and paving; Res. of Int. No. 6707; 1911 Act.

Improvement of north and south alley in Block 1, Hartley's North Park, by grading and paving; Res. of Int. No. 6689; 1911 Act.

Plans and specifications may be obtained from H. W. Jorgensen, city engineer. 29

**BIDS WANTED**

MAYWOOD, Los Angeles Co., Cal. Until Dec. 14, 8 p.m., bids will be received by the Maywood city council for grading, removing certain obstructions, construction of corrugated iron part circle culverts, reconstruction of sidewalks, curbs and asphalt paving on Horstrope Ave. at St. Paul.

Plans and specifications may be obtained from the city engineer, Tracy R. Bousman. Certified or cashier's check, 10%. 29

**BIDS WANTED**

SEQUOIA NATIONAL PARK, Cal. Until Dec. 29, 2 p.m., bids will be received by the Superintendent, Sequoia National Park, for delivering and spreading 250,000 gallons SC No. 2 Road Oil in Death Valley National Monument from Surveyors Wells to Grapevine Canyon, a length of 24 miles and dead haul from Death Valley Junction length of 57 miles.

Plans and specifications may be obtained from the above office. 29

**BIDS WANTED**

LOS ANGELES, Cal. Until Dec. 24, bids will be received by the Construction Engineer, Federal Jail Terminal Island, Calif., for the construction of a concrete roadway at the Federal Jail, Terminal Island.

Plans and specifications may be obtained from the above office. 29

## CONTRACT AWARDED

STATE OF WASHINGTON—Paine & Gallucci, Inc., 1521 S. Grant, Tacoma, at \$43,715, was awarded contract by the Washington State Highway Department, L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and constructing a treated pile and timber bridge on portions of city streets, Hylebos Bridge Approaches, Tacoma, U. S. Public Works Project 1220-DS, Unit 1, Pierce Co.

(2).....	1.25	1.50	1.35
(3).....	.21	.22	.19
(4).....	.29	.24	.23
(5).....	.14	.13	.12
(6).....	.22	.20	.19
(7).....	.50	.70	.100
(8).....	.60	1.00	1.25
(9).....	55.00	60.00	50.00
(10).....	55.00	58.00	50.00
(11).....	50.00	54.00	45.00
(12).....	45.00	42.00	30.00
(13).....	10.00	9.00	13.00
(14).....	10.00	3.50	5.00
(15).....	25.00	20.00	20.00
(16).....	1.00	.00	.60
(17).....	1.50	.05	.00
(18).....	1.25	1.00	1.00
(19).....	1.50	1.25	1.25
(20).....	2.95	2.94	3.05
(21).....	2.95	2.94	3.05
(22).....	3.15	3.20	3.20
(23).....	450.00	444.00	100.00
(24).....	.05	.08	.12
(25).....	950.00	1742.00	800.00

## LOW BIDDERS

LASSEN CO., Cal.—Harms Bros., Litchfield, at \$28,229.50, submitted low bid to the Board of Directors of the Joint Highway District, No. 14, office of the District Engineer, 600 Nevada Street, Susanville, for grading five miles and surfacing with gravel or other select material 2 miles between Susanville and Antelope summit, and grading and reshaping two miles of present roadbed and surfacing 2 miles with select material between Willow Creek Valley and Eagle Lake Summit, Lassen County, Cal.

Three low bids follow:

Harms Bros., Litchfield..... \$28,229.50  
Poulos & McEwen, Smith River..... 31,720.00  
Rock & Gravel Trucking Co., Oakland..... 33,611.20

Complete bids will be published shortly. \* 29

## BIDS OPENED

LONG BEACH, Calif.—Sully-Miller Contracting Co., 1506 W 7th St., Long Beach, at \$45,413.14 submitted low bid to the Long Beach City Manager for the improvement of Alamosos Ave. from Ocean Blvd. to 7 Street and California Ave. from Alamosos Ave. to 7th St. The work involves:

- (Estimated Quantities)
- 542 lf. Portland cement concrete curb;
  - 4,129 lf. Portland cement concrete curb, 6-in. gutter 5-ft wide;
  - 726 sq ft 6-in. Portland cement concrete gutter;
  - 3,941 sq ft 8-in. Portland cement concrete gutter;
  - 7,355 sq ft 6-in. Portland cement concrete sidewalk;
  - 60 lf 8-in. standard strength cement pipe;
  - 831 lf 12-in. do;
  - 1 type A manhole (aver. depth 5 ft);
  - 2 type C manholes (aver. depth 2 ft);
  - 11 type A-1 catchbasins;
  - 2 type C-1 do;
  - 9 type B-1 local depressions;
  - 5 type C local depressions;
  - 1 special local depression;
  - 5 lf type A concrete backfill for 8-in. cement pipe;
  - 100 lf type A concrete backfill for 12-in. do;
  - 1,137 cu yd concrete removal;
  - 241 cu yd struc. excav.;
  - 4,713 tons asphalt concrete base surface;
  - 2,935 tons asphalt concrete leveling course;
  - 953 tons asphalt concrete type A wearing surface to be re-laid to meet standards to be re-laid and relocated;
  - 15,454 sq yd 7-in. AC pavement subgrade;
  - 25,412 sq yd complete.
- The bid is complete.
- (A) Sully-Miller Contracting Co., \$45,413.14  
(B) Antelope Valley Co., Long Beach, \$45,931.43  
(C) Olsen & Sons, Los Angeles, \$16,594.92
- Unit bid, 1000 sq ft 8-in. sidewalk, \$11.00

## LOW BIDDER

MARICOPA COUNTY, Ariz.—Tanmer Const. Co., 801 Security Building, Phoenix, at \$13,049 submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on Phoenix - Prescott Highway, FA 58, 3rd reop. - Prescott F. E. The work, which is to extend from Morristoryn (Hot Springs Jct.) northwest a distance of approximately 3 1/2 mi., consists of grading, drainage, aggregate base course and cut-back road mix and is to be completed on or before July 31, '38. \* 29

## BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until Dec 14, 2 P. M., bids will be received by State Highway Department, San Luis Obispo, for highway construction in San Luis Obispo County at Harmony Creek and Pennington Creek (V-SLO-56-C, D), about 0.5 mile to be graded and surfaced with plant-mixed surfacing on culverts to be extended. Blueprints of layout and reinf. culvert extensions will be furnished at cost and become the property of purchaser; plans consist of 15 sheets for which a charge of \$1.50 is to be made.

- Work involves:
- 50 M. gals. water in place;
  - 6 cu yd removing concrete;
  - 120 cu yd. rocky excav., unclass.;
  - 170 cu yd. struc. excav.;
  - 40 cu yd. ditch and channel excav.;
  - 1500 cu yd. imported borrow in place;
  - 385 tons crusher run base in place (prime coat);
  - 2 tons liquid asphalt, SC-2, in place (surf.);
  - 160 tons mineral agg in place (surf.);
  - 9 tons liquid asphalt, ROMC-3 or ROMC-4 in place (surf.);
  - 10,000 lbs. bar reinf. steel in place concrete on place (struc.);
  - 95 cu yd. class A portland cement concrete on place (struc.);
  - 16 lf 12-in. corrug. metal pipe in place (the pipe to be furnished by state);
  - 120 lf laminated guard railing in place;
  - 40 lf solid timber railing in place;
  - 0.05 mile new property fence in place;
  - 2 clearance markers in place.

## BIDS WANTED

SAN FRANCISCO—Until Dec. 22, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19483, for construction of concrete parking lanes on the north side of Market Street, between Grant Avenue and Leavenworth St., and on the south side between 6th and 7th Streets,

San Francisco. Estimated cost, \$15,820.00.

Work involves:

- 80 cu yd. remove existing pavement, consisting of concrete, base salt blocks, and/or asphaltic concrete base and asphaltic wearing surface;
- 120 cu yd. remove existing asphaltic concrete wearing surface;
- 15,500 sq ft. 8-in. 6-sack class B concrete parking lanes, using high early strength cement;
- 6 brick catchbasin, complete;
- 1 brick catchbasin relocated and reconstructed;
- 230 lf. 10-in. VCP culvert, in place;
- 310 lf. new granite curb, tangent, in place (6-inch);
- 10 lf. new granite curb, circular, in place (6-inch);
- 1150 square feet stone curb redesigned;
- 1000 lf. stone curb reset, various widths;
- 3800 sq ft. two-course concrete sidewalk;
- 250 tons asphaltic concrete conform pavement;
- One electric traffic signal relocated (vehicular);
- One electric traffic signal relocated (pedestrian).

Plans and specifications may be obtained from the City Engineer, J. J. Casey, Room 351, City Hall, upon deposit of \$10. \* 29

## BIDS OPENED

LASSEN CO., Calif.—Harms Bros., Litchfield, at \$28,229.50, submitted low bid to the Board of Directors of the Joint Highway District, No. 14, office of the District Engineer, 600 Nevada Street, Susanville, for grading five miles and surfacing with gravel or other select material 2 miles between Susanville and Antelope summit, and grading and reshaping two miles of present roadbed and surfacing 2 miles with select material between Willow Creek Valley and Eagle Lake Summit, Lassen County, Calif.

Total bids follow:

Harms Bros., Litchfield..... \$28,229.50  
Poulos & McEwen, Smith River..... 31,720.00  
Rock & Gravel Trucking Co., Oakland..... 33,611.20  
Clifford A. Dunn, Klamath Falls, Ore..... 45,277.90  
Isabel Constr. Co., Reno, Nev. 59,384.00  
Mountain Constr. Co., Sacramento..... 60,451.00 \* 29

## BIDS WANTED

COCONINO CO., Ariz.—Until Dec. 28, 10 a.m., bids will be received by the U. S. Bureau of Public Roads, New Post Office Bldg., Phoenix, Arizona, for placing bituminous treated crushed rock surfacing (Class F) on 14,605 mi. Sections A1 and A2, Rte. 1, and Sections A1 and B of Rte. 2, Grand Canyon National Park, Coconino Co., Ariz.

Work involves:

- 50 tons crushed rock shoulders;
- 85 tons applying Government furnished emulsified asphalt for tack coat;
- 4000 tons Class F, dense plant mixture for leveling course;
- 9500 tons Class F, dense plant mixture for wearing course.

Plans and specifications may be obtained from the above office and from C. H. Sweetser, District Engineer, Federal Office Bldg., Civic Center, San Francisco, Cal., upon deposit of \$10.00. \* 29

## BIDS OPENED

PHOENIX, Maricopa Co., Arizona—Phoenix-Tempe Stone Co., Phoenix, at \$31,992.65 submitted low bid to the



Phoenix City Commission for improvement of portions of 11th Avenue and 13th Avenue in accordance with plans prepared by Jas. Girard, City Engineer.

Total bids follow:

Phoenix - Tempe Stone Co.	
Phoenix	\$31,992.65
Day Corp., San Diego	36,128.50
Arizona Sand & Rock Co.	36,375.35
Hall Company	38,419.75
Oswald Bros., Los Angeles	39,119.25
Lewis Brothers	48,458.00
	29

#### BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until Dec. 20, 5 P. M., bids will be received by Huntington Park city council for improvement of Hampshire Drive between Slauson and Randolph. The work involves:

- (1) 1000 c.y. excavation;
- (2) 31,730 sq. ft. fine grading;
- (3) 31,730 sq. ft. asphalt concrete base, leveling course and Class B surf.
- (4) 931 lf. heavy duty type curb;
- (5) 1,465 lf. 1x6-in. cement concrete gutter;
- (6) 14 lf. culvert involving 14.5 c.y. A concrete; 270 ft. ½-in. steel rods; 1100 ft. ½-in. steel rods; 10 yds. excavation;
- (7) lump sum—open ditch involving 50 c.y. dirt to be excavated and refilled.

Specifications available from H. E. Robinson, city engineer. 29

#### BIDS OPENED

STATE OF WASHINGTON.—Following submitted bids to the Washington State Highway Department, Lacey V. Murrow, Director of Highways, Olympia, Wash., for bridge and highway construction:

PIERCE COUNTY: Paving with portland cement concrete and constructing treated pile and timber bridge on portion of city streets, Hayles Bridge Approaches, Tacoma, 11 S. Public Works Proj. Wash. 1220-DS, Unit 1, involving about 530 c.y. excav., 2340 c.y. selected rdwy. borrow, 1171 s.y. cement concrete pavement, 656 ft. of guard rail, type 3, 499 c.y. concrete, 107,510 lb. steel reinforcement, 8700 ft. of treated timber piling, 123 MBM tr. timber and lumber, 111ft. of pipe culvert, etc.; \$48,000 available.

Low bidder: Paine and Gallucci, Inc., 1531 S. Grant, Tacoma, \$43,745 bids under advertisement. Second low bidder, C. W. Larsen, Colman Bldg., Seattle, \$47,163; 3rd low, Manson Const. and Engr. Co., Canadian National Dock, Seattle, \$47,322.

WAHKIAHUM CO: Constructing 3 concrete piers for bridge over Columbia River county road, Puget Island Bridge Piers, U. S. Public Works Proj., Wash. 8195-DS, Unit 1, involving about 2950 c.y. excav., 4720 c.y. concrete, 64,800 lbs. steel reinforcement, 16,100 ft. of steel foundation piling, 5950 ft. of untreated timber foundation piling, etc.; \$175,000 available.

Low Bidder: Parker-Schram Co., Couch Bldg., Portland, \$161,483; 2nd low, Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle, \$191,453; 3rd low, Gilpin Const. Co., Portland, \$200,810.

PIERCE COUNTY: Drilling 4 test holes in bottom of channel of that portion of Puget Sound known as The Narrows at the site of the proposed Narrows Bridge in vicinity of Tacoma, State Proj.

Low Bidder: N. C. Jansen Drilling Co., 123 Marginal Way, Seattle, \$18,000; 2nd low, Cannon Bros., Box 549, Compton, Calif., \$21,180. 29

#### CONTRACTS AWARDED

STATE OF OREGON.—The Oregon State Highway Commission, Public Service Bldg., Portland, awarded the

following contracts for bridge and highway construction.

Gilliam and Morrow Counties: Hetterer Junction Rock Production Project on Columbia River and Oregon-Washington Highways. State Project. Furnish 6,000 cu. yds. of crushed rock in stockpiles.

Awarded: Smith & Co., Goldendale, a 29

Grant County: John Day-Oliver Ranch Section of John Day Highway. Federal Aid Project No. 13-A; 443 miles grading, requiring approximately 150,000 cu. yds. excavation; 206 cu. yds. concrete; 22,000 lbs. metal reinforcement and 8,000 cu. yds. pit-run gravel topping materials.

Awarded: McNutt Bros., Eugene at \$63,446.

Grant County: Kimberly Bridge Section of John Day Highway. Federal Aid Project No. 6; 0.57 mi. grading and surfacing and 387 ft. timber, steel and concrete bridge. Requires approximately 15,750 cu. yds. excavation; 2,300 cu. yds. selected roadbed topping; 400 cu. yds. salvaged surfacing materials; 350 cu. yds. concrete; 16 MFBM treated lumber; 53,000 lbs. metal reinforcement; 308,000 lb. structural steel, and 750 lineal feet metal handrail.

Awarded: Leonard & State, Multnomah, at \$54,535.

Harney County: Poison Creek Section of John Day-Burns Highway. State Project; 7.09 miles resurfacing; also furnish 2,500 cu. yds. of crushed rock in stockpiles. Requires approximately 7,500 cu. yds. crushed rock.

Awarded: Babler Bros., Portland, at \$12,850.

Jackson County: Sardine Creek Bridge Section of Pacific Highway. Federal Aid Project No. 131-I; 130 lineal feet concrete viaduct; 302 lineal feet highway roadbed, and 550 lineal feet temporary roadway. Requires approximately 1,300 cu. yds. embankment; 550 cu. yds. gravel base, 160 cu. yds. rock surfacing; 135 cu. yds. structural excavation; 280 cu. yds. concrete; 60,000 lbs. of metal reinforcement, and 280 lineal feet concrete handrail.

Awarded: Mountain States Const. Co., Eugene, at \$14,328.

Lake County: Harris Creek-Chalk Cliff Section of Fremont Highway. Federal Aid Projects Nos. 107-A and 107-C; 13.75 miles grading, surfacing and milling. Requires approximately 154,000 cu. yds. excavation; 50,000 cu. yds. pit-run gravel topping, and 161,000 cu. yds. road oil lime cost.

Awarded: E. L. Rigdon, Barlow, at \$91,720.

McKenzie County: Bellnap Springs-McKenzie Summit Section of McKenzie Highway. State project. Furnish 7,000 cu. yds. crushed rock in stockpiles.

Awarded: A. S. Wallace, Roseburg, at \$10,880.

Malheur County: Snake River Slides—1930 Section of Old Oregon Trail. State project. Furnish 5,500 cu. yds. crushed gravel in stockpiles.

Awarded: Chester L. Luckey, Ontario, \$1,583 1/2.

Wasco County: Kamela-LaGrande Section of Old Oregon Trail. State project. Furnish 6,000 cu. yds. of crushed gravel in stockpiles.

Awarded: Rogers Const. Co., Dayton, Wyo., at \$9,723.

Wasco County: Union Rock Production Project. The Dulles-Calloway and Woodman Highways. State project. Furnish 17,500 cu. yds. of crushed rock in stockpiles.

Awarded: Smith & Co., Goldendale, at \$19,440. 29

#### BIDS WANTED

HICKMAN FIELD, T. H. Until December 22, bids will be received by

the Purchasing and Contracting Officer, Hickman Field, for the construction of Sections B and C of the Landing Mat, Hickman Field, T. H. Estimated cost, \$467,542.

#### RECOMMENDED FOR AWARD

STATE OF OREGON.—Mountain States Constr. Co., Eugene, at \$43,626, submitted low bid and was recommended for award by the Oregon State Highway Commission, Public Service Building, Portland, for Smith Point-Young's Bay Bridge Section of Oregon Coast Highway, Clatsop County. Federal Aid Project No. 194-D, 0.77 mi. grading and paving. Requires approximately 19,000 cu. excav.; 5,700 cu. crushed rock in base and shoulders; 9,600 sq. yds. Portland cement concrete pavement, and 1,200 sq. yds. asphaltic concrete pavement. 29

#### LOW BIDDER

LOS ANGELES CO., Cal.—Griffith Co., 602 Los Angeles Railway Bldg., Los Angeles, at \$17,676.50, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage gulleys, for construction of drainage structures and grading and paving with asphalt concrete the intersection of Firestone Blvd. and Santa Fe Ave., Los Angeles County. 29

#### LOW BIDDER

ORANGE CO., Calif.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at \$26,480, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures, excavating ditches and grading 2.4 miles of road approaches and apply penetration oil treatment thereto, betweenITTER Point and the north arm of Newport Bay, Orange Co. 29

#### CONTRACTS AWARDED

STATE OF WASHINGTON.—The Washington State Highway Department, Lacey V. Murrow, Director of Highways, Olympia, awarded the following contracts for bridge and highway construction:

LEWIS COUNTY: Construct reinforced concrete bridge on Primary State Highway 5, Mill Creek Bridge, F. A. 134-A, involving about 2970 c.y. excav., 115 c.y. concrete, 120,830 lbs. steel reinforcement, 115 ft. of pipe culvert, etc.

Awarded to Hendricks & Co., Chehalis, \$21,146; 2nd low, Puget Sound Bridge & Dredging Co., 2929 16th SW, Seattle \$23,108; 3rd low, Newton Construction Co., 2653 W. Newton, Seattle, \$24,338.

Klickitat and Lewis Cos.: Clearing, grading, draining and constructing re. slab bridge on 8 mile of Primary State Highway No. 5, vicinity of S. W. Washington Highway Proj. WFH 134-E involving about 6 acres clearing, 23,225 c.y. excav., 260 c.y. concrete, 25,000 lbs. steel reinforcement, 162-ft of pipe culvert, etc.

Awarded to Hendricks & Co., Chehalis, \$19,387; 2nd low, E. E. Rowkey, 1905 12th N., Seattle, \$21,757; 3rd low, Homer Johnson, Imperial Hotel Portland, \$21,882.

WAHKIAHUM CO: Clearing, grading, draining, surfacing, stockpiling mineral aggregate and constructing re. job and timber trestle on 2.4 miles of Primary State Highway 12 Shlamokawa West, FAP 208 B, involving about 15 acres clearing, 132,310 c.y. excav., 5,570 cu. ballast, 550 cu. crushed stone, 200 cu. mineral aggregates and 100 cu. crushed stone. 2nd low, design No. 6, 85 cu. concrete, 13,000 lb. of steel reinforcement, 31 MBM tr. timber and lumber, 870 ft. of tr. timber piling, 1596 D. of pipe culvert, etc.

Awarded to Parker - Schram Co., Couch Bldg., Portland, \$128,353; 2nd low, Graham Bros. and Medley, Chehalis, \$151,193; 3rd low, The Mirene Co., Box 5656, Kenton Sta., Portland, \$164,716.

WAHIAKIUM CO.: Construct steel bridge with concrete approaches and 3 tr pile and timber trestles on Primary State Highway 12, KM Mountain to Grays River bridges, FAP 208-C, Unit I, involving about 750 c.y. excav., 110 c.y. concrete, 177,300 lbs. steel reinf. bars, 459,000 lbs. str. steel, 5500 lbs. cast steel, 3760 ft. of untreated and 4500 ft. of treated timber piling, 97 MBM treated timber and lumber, etc.

Awarded to The Mirene Co., Box 5656, Kenton Sta., Portland, \$164,716.

KING COUNTY: Construct steel bridge with concrete approach spans on Primary State Highway 15, Skykomish River bridge near Skykomish, FAP 189-F, Unit 2, involving about 1850 c.y. excav., 640 c.y. con-

crete, 64,000 lbs. steel reinf. bars, 495,000 lbs. str. steel, 5500 lbs. cast steel, 5000 ft. of untreated timber piling, 126 ft. of pile culvert, etc.

Contract awarded to Newkirk Bros., 412 E. John, Seattle, \$68,879; 2nd low, Newton Const. Co., 2653 W. Newton, Seattle, \$74,251; 3rd low, American Pile Driving Co., Everett, \$77,319.

OKANOGAN CO.: Clearing, grading, draining and surfacing on 2 ml. of Primary State Highway 16 Methow vicinity, Section A, FAP 195-E, involving about 158,514 c.y. excav.; 5,330 c.y. crushed stone surf., 2574 ft. of concrete irrigation pipe, 738 ft. of pile culvert, etc.

Awarded Max J. Kuney, Hutton Bldg., Spokane, \$68,606; 2nd low, Elliott, 2155 Northlake, Seattle, \$74,307; 3rd low, M. E. Nelson Const. Co., Inc., Tonasket, \$74,757.

YAKIMA CO.: Clearing, grading, draining, surfacing and constructing treated pile and timber trestle on 4.8 miles of Secondary State Highway

3-C, West Wapato Road to junction of Secondary State Highway 3-A, FAS 16-A and FLP 8, involving about 131,730 c.y. excav., 23,510 c.y. selected roadway base (low), 15,940 c.y. crushed stone surfacing, 143 c.y. concrete, 51 MBM treated timber and lumber, 1,680 ft. of treated timber piling, 1,077 ft. of pile culvert, etc.

Awarded to Fiorito Brothers, 1100 Lehigh Way, Seattle, \$82,875; 2nd low Elliott & Co., 2155 Northlake, Seattle, \$91,869.

FERRY COUNTY: Clearing, grading, draining, surfacing and stockpiling mineral aggregates, oil rock, on about 1.3 miles of Secondary State Highway 4-A, Republic to O'Brien Creek, FAS 237-B, involving about 11 acres clearing, 65,790 c.y. excav., 3480 c.y. crushed stone surf., 2500 c.y. mineral aggregates (oil rock), 408 ft. of pile culvert, etc.

Awarded to Road Builders, Inc., Stevenson, \$34,383; 2nd low, D. A. Sullivan & Co., Inc., Parkwater, \$34-

## MARICOPA CO., ARIZONA—Highway Improvement—(State)

MARICOPA CO., Arizona—Tanner Construction Co., 801 Security Bldg., Phoenix, at \$113,049.06, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on Phoenix - Prescott Highway, FA 59, 3rd reop. (1938) A-FE, The work, which is to extend from Morristown (Hot Springs Junction) northwest a distance of approximately 3.1 mi., consists of grading, drainage, aggregate base course and cutback road mix, and is to be completed on or before July 31, 1938.

Work involves:

- (1) 34,515 sq. yds. salvaging and stockpiling oil cake;
- (2) 260,248 c.y. roadway excavation, unclassified;
- (3) 1,636 c.y. drainage excavation, unclassified;
- (4) 360 lf. grader ditches;
- (5) 2,500 lf. crown ditches;
- (6) 1,117 c.y. str. excav. unclass.;
- (7) 28 c.v. removal of old concrete;
- (8) 231,193 sta. yds. station yard overhaul;
- (9) 5,400 c.y. mi cubic yard mile haul;
- (10) 4,168 c.y. mi. select material haul;
- (11) 16,247 tons aggregate base course (CIP);
- (12) 4,025 M. gals. sprinkling (CIP);

- (13) 1,610 hrs. rolling;
- (14) 1,833 c.y. class A concrete (incl. cement);
- (15) 11,615 lbs. reinf. steel (bars) (CIP);
- (16) 472 lf. 24-in. CMP (CIP except excavation);
- (17) 316 lf. 30-in. CMP (CIP except excavation);
- (18) 210 lf. 36-CMP (CIP except excavation);
- (19) 38 lf. resetting 24-in. CMP (CIP incl. all mats. and work);
- (20) 26 lf. resetting 36-in. CMP (CIP incl. all mats. and work);
- (21) 35,917 lf. standard line fence (CIP);
- (22) 11 each, standard wire gates (Type 2) (CIP);
- (23) 235 each, guide posts (CIP);
- (24) 26 each, R/W markers (Type A) (CIP);
- (25) 2,915 lf. road guard (CIP);
- (26) 5,154 tons mineral aggregate (CIP);
- (27) 267 tons cutback asphalt, MC-4, for road mix (CIP);
- (28) 3,061 tons relaying old oil mix (CIP);
- (29) 3,133 miles processing road mix;
- (30) 1,133 tons emul. asp., class A (CIP) (cover new and relaid oil cake);
- (31) 938 tons screenings, type B (cover new and relaid oil cake)

- (32) 1 lump sum, removal of concrete box (Rt. of Sta. 1263-40);
- (33) 200 lf. 2-in. galvanized water pipe (CIP);
- (34) 840 lf. resetting 2-in. water pipe (CIP);

Total bids follow:

- (A) Tanner Const. Co., 801 Security Bldg., Phoenix—\$113,049.06.
- (B) Lee Moor Contr. Co., El Paso, Texas—\$118,552.30.
- (C) Pearson & Dickerson Contrs., Inc., Prescott—\$122,084.50.
- (D) Daley Corp., San Diego—\$124,947.38.
- (E) So. Calif. Roads Co., Los Angeles—\$125,886.97.
- (F) Skousen Bros., Albuquerque, N. Mex.—\$127,816.25.
- (G) Phoenix-Tempe Stone Co., Phoenix—\$130,056.56.
- (H) Heuser & Garnett, Glendale—\$132,355.64.
- (I) Packard Contracting Co., Phoenix—\$139,607.84.
- (J) Ken Hodgman, Phoenix—\$144,830.08.
- (K) W. E. Hall Co., Phoenix—\$151,258.94.
- (L) Oswald Bros., Los Angeles—\$162,682.50.
- (M) Gunther & Shirley, Mesa—\$165,351.35.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	\$ 0.68	\$ 0.10	\$ 0.03	\$ 0.17	\$ 0.06	\$ 0.05	\$ 0.06	\$ 0.04	\$ 0.08	\$ 0.12	\$ 0.10	\$ 0.06	\$ 0.25
(2)	.18	.20	.23	.18	.21	.225	.24	.23	.26	.27	.265	.28	.285
(3)	.20	.20	.40	.25	.75	.30	.18	.25	.30	.25	.50	.50	.285
(4)	.05	.10	.05	.12	.04	.20	.02	.10	.11	.04	.10	.15	.10
(5)	.08	.12	.10	.12	.06	.10	.12	.075	.16	.10	.10	.12	.10
(6)	.80	.85	1.00	1.00	1.20	1.00	.90	1.35	1.00	1.00	1.25	1.50	1.50
(7)		12.00	4.50	10.00	5.00	8.50	10.00	6.00	5.35	5.00	10.00	4.00	20.00
(8)	.01	.01	.0035	.005	.01	.0125	.015	.01	.01	.015	.02	.02	.02
(9)	.25	.25	.25	.25	.35	.28	.35	.40	.40	.40	.40	.25	.20
(10)	.25	.25	.38	.44	.35	.32	.18	.30	.20	.20	.40	.25	.20
(11)	.40	.45	.45	.60	.50	.50	.80	.45	.43	.55	.65	.60	.60
(12)	1.40	1.15	1.30	2.00	1.20	1.50	.75	1.60	2.15	2.00	2.00	2.25	2.00
(13)	2.50	2.50	2.75	3.00	3.00	2.75	2.75	2.50	2.70	3.00	3.00	3.25	3.00
(14)	18.50	19.50	18.00	18.00	19.50	17.50	21.00	23.00	18.00	21.00	21.50	25.00	25.00
(15)	.05	.05	.05	.055	.06	.05	.05	.055	.06	.055	.055	.06	.06
(16)	1.50	2.50	2.50	2.25	3.00	3.50	2.50	2.90	2.50	3.00	3.00	3.00	2.90
(17)	3.25	3.50	3.25	3.10	3.75	3.70	3.00	3.50	3.25	4.00	3.50	3.50	3.40
(18)	5.00	5.00	5.00	4.70	6.00	5.50	5.00	5.00	5.25	5.50	5.25	5.00	5.15
(19)	1.50	.75	2.00	1.75	.60	2.00	1.20	1.50	1.35	1.00	1.50	1.00	.50
(20)	1.50	1.00	2.50	2.25	1.10	3.00	1.80	1.50	2.00	1.50	2.00	1.50	.60
(21)	.07	.06	.07	.075	.08	.09	.06	.07	.08	.07	.075	.10	.10
(22)	.50	3.00	.50	14.00	.50	20.00	7.00	5.00	5.00	6.00	7.50	7.00	3.00
(23)	1.50	2.80	2.50	2.25	2.25	2.25	2.00	2.25	2.70	3.00	2.50	2.70	3.00
(24)	1.50	2.50	2.50	2.25	2.25	1.00	2.25	2.00	3.00	2.50	2.50	1.00	3.00
(25)	1.10	1.25	1.00	1.20	1.25	1.20	1.30	1.25	1.50	1.15	1.00	1.25	1.50
(26)	.10	.45	.60	.60	.50	.60	.60	.55	.59	.55	.70	.75	.70
(27)	23.00	24.00	25.00	22.50	24.00	22.50	24.00	25.00	27.00	25.00	25.00	23.00	25.00
(28)	.50	.50	.50	.40	.40	1.25	.60	.60	.70	.50	1.00	.50	1.00
(29)	500.00	500.00	525.00	650.00	500.00	800.00	550.00	500.00	650.00	500.00	650.00	500.00	500.00
(30)	27	30.00	27.50	25.00	27.50	30.00	30.00	33.00	33.00	30.00	30.00	27.00	40.00
(31)	7.50	3.00	2.75	5.50	3.50	1.25	3.25	4.00	4.00	4.00	3.75	4.00	4.00
(32)	150.00	125.00	200.00	200.00	250.00	400.00	350.00	200.00	300.00	200.00	375.00	300.00	100.00
(33)	.60	.40	.40	.50	.50	1.50	.50	.35	.50	.50	.45	.40	.25
(34)	.15	.08	.13	.40	.07	.25	.18	.30	.20	.25	.25	.25	.20

825; 3rd low, Elliott & Co., Inc., 2155 Northlake, Seattle, \$36,521. 29

BIDS WANTED

OAKLAND, Cal.—Until Dec. 14, 2 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for repairing a portion of San Pablo Ave., Oakland, Cal. 29

Plans and specifications may be obtained from the above office. 29

BIDS WANTED

OAKLAND, Cal.—Until Dec. 14, 2 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for repairing sidewalks in the City of Oakland. 29

Plans and specifications may be obtained from the above office. 29

RECOMMENDED FOR AWARD

TUOLUMNE AND MARIPOSA COS., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$124,370.10, was recommended for award by U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for 10,518 sq. ft. surfacing on Sections A2, A3 and A1 of Route 3, the Big Oak Flat Road, and a portion of Section A1 of Rt. 4, the Tioga Road, Yosemite National Park, Tuolumne and Mariposa Cos., Calif. 29

CONTRACT AWARDED

PHOENIX, Maricopa Co., Arizona.—Daley Corporation, 4420 Boundary St., San Diego, at \$83,196.20 awarded contract by the Phoenix City Commission for paving Laurel Ave. from Culvert Street to the alley south; McDowell Road from 15th St. to 3rd St.; Lynwood St. from Oak St. to 15th Ave.; Oak, 16th, 15th between McDowell Road and alley south of Culvert St., Est. cost, \$123,154.33. 29

BIDS WANTED

PHOENIX, Maricopa Co., Arizona.—Until Dec. 14, 10 A. M. bids will be received by Phoenix City Commission for improvements of Madison St. and 5th St. 29

- Work involves: (1) 8170 sq. yds. 5 1/2-in. cement concrete pavement with integral curb and thickened edges; (2) 8170 sq. yds. grading; (3) 270 sq. yds. 6-in. cem. concrete pavement; (4) 270 sq. yds. grading under 6-in. pavement; (5) 1830 sq. yds. parkway grading; (6) 7170 sq. ft. 1-course cem. concrete walk, 4-in. thick; (7) 350 lf. 8-in. plain conc. pipe; (8) 160 lf. 1 1/2-in. galv. conduit; (9) 4 each gutter inlets; (10) 1 each manhole; (11) 1 each monument cover; (12) 1 each street sign. 29

CONTRACT AWARDED

SACRAMENTO, Cal.—Carl R. Fiedler, 2631 30th St., Sacramento, at \$1,823, (2) \$5, (3) \$1, (4) \$9.50, (5) \$9.50, (6) \$12.50, (7) \$2.25, (8) \$5, (9) \$1.99, awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the improvement of the alley between J and K Streets, from 30th Street to Alhambra Blvd., Sacramento. 29

- Bids were taken on: (1) Cast iron gutter drain complete, in place; (2) Concrete manholes; (3) Excavation, per cu. yd.; (4) Filling grade, per cu. yd.; (5) 6-in. vit. iron-stone sewer pipe, per lin. ft.; (6) Cement concrete pavement, 6 in. thick, per cu. yd.; (7) Expansion joints, 7 1/2 by 5-in. by 29

- 6 ft.; (8) 2 trees removed; (9) Old concrete gutter removed, per lin. ft. 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona.—As previously reported, Daley Corporation, 4420 Boundary Street, San Diego, at \$83,196.20 submitted low bid to the Phoenix City Commission for paving Laurel Avenue from Culvert Street to the alley south; McDowell Road from 15th St. to Third St.; Lynwood St. from Oak St. to 15th Ave.; Oak, 16th, 15th between McDowell Road and alley south of Culvert St. Est. cost \$123,154.33. The quantities are: (1) 23,330 sq. ft. 1-inch top of processed pave, 3-in. thick; (2) 23,330 sq. yds. 6-in. aggregate course under plant mix of processed paving. 29

LOS ANGELES CO.—GRADING & PAVING—(STATE)

LOS ANGELES CO., Calif.—Bids opened at 10 o'clock, Dec. 13, 1934, at the Board of Supervisors, at \$17,677.10, submitted low bid to State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., 1386 A building construction of concrete sidewalks and other work paving with asphalt concrete the intersection of Firestone Pl. and Santa Fe Ave., Los Angeles County. 29

Work involves:

- 1. 160 x 100 ft. concrete sidewalks, 12 in. thick; 2. 160 x 100 ft. concrete sidewalks, 12 in. thick; 3. 170 sq. yds. 12-in. concrete grade; 4. 2000 sq. yds. 12-in. concrete grade; 5. 1400 sq. yds. 6-in. concrete; 6. 12,500 ft. of curb, 6-in. top; 7. 55,700 ft. of 6-in. asphalt; 8. 21,000 ft. of 6-in. sand and steel; 9. 220 cu. yds. Class A Portland cement concrete street. 29

Table with 10 columns (A-J) and 10 rows of bid amounts for various items.

SAN FRANCISCO—LAYING MAINS—(City)

SAN FRANCISCO, E. J. Treney, 170 Call Bldg., San Francisco, at \$2,271.15 submitted low bid to the Public Works Department, Room 257, City Hall, 400 Sutter St., WD 162 for laying of 12-in. and 8-in. cast iron mains in Geneva Terrace and Mount Diabolo and Division, San Francisco. Work involves: 29

- (1) 1175 lf. 12-in. pipe trench 17'-2 1/2' deep; (2) 26-in. deep; (3) 26-in. deep; (4) 26-in. deep; (5) 26-in. deep; (6) 26-in. deep; (7) 26-in. deep; (8) 26-in. deep; (9) 26-in. deep; (10) 26-in. deep. 29

Table with 10 columns (A-J) and 10 rows of bid amounts for various items.

- (3) 239,330 sq. yds. grading under plant mix of processed pave.; (4) 7,500 sq. yds. 5 1/2-in. cem. concrete with thickened edges and integral curb; (5) 180 sq. yds. 5 1/2-in. cem. concrete pave with thickened edges; (6) 7,650 sq. yds. grading under all 5 1/2-in. conc. pave.; (7) 2,230 sq. yds. 6-in. cem. concrete pavement; (8) 2,230 sq. yds. grading under do.; (9) 15,000 sq. yds. parkway grading; (10) 33,500 sq. ft. one course cement concrete sidewalk, 4-in. thick; (11) 15,000 lf. 4-in. curb and gutter—Det E-1; (12) 530 lf. single curb—Det F-1; (13) 540 lf. valley gutter—Det Z; (14) 3,200 lf. 8-in. plain conc. pipe; (15) 2,310 lf. 10-in. do.; (16) 360 lf. 12-in. do.; (17) 230 lf. 12-in. conc. pipe—Det X; (18) 20 lf. 24-in. plain conc. pipe. 29

- \$5 per Class A Portland cement curb, gutters and sidewalk. Total bids follow: A. Griffith Co., 602 Los Angeles Railway Bldg., Los Angeles, \$17,675.50; B. Geo. R. Curtis Paving Co., Los Angeles, \$17,900; C. W. O. Gartz, Los Angeles, \$18,172.50; D. The Contracting Engineers Co., Los Angeles, \$19,325.50; E. Vlado Kovacevich, Long Beach, \$19,408.00; F. Tompa Const. Co., Van Nuys, \$19,767.00; G. Los Angeles Paving Co., L. A., \$20,175.00; H. Dimmitt & Taylor, Los Angeles, \$21,419.00; I. C. O. Sparks & Mundo Engr. Co., Los Angeles, \$20,955.00. 29

Bids prices follow:

- (1) 365 lf. bell and spot joints for pipe and fittings; (2) 150 sq. ft. repavement; (3) 129 sq. in. screw taps; (4) 2,900 lf. 3-in. copper service pipe. Total bids follow: A. E. J. Treney, 400 Call Bldg., San Francisco, \$2,271.15; B. Martin Murphy Alameda, \$2,392.00; C. The Lowe Paving Co., Inc., San Francisco, \$2,587.10; D. The Pav. Improvement Co., San Francisco, \$2,620.11; E. W. J. Tobin, Oakland, \$2,900.90; F. Pacific States Const. Co., San Francisco, \$3,125.00; G. San Francisco Water Department, \$3,427.30; H. Underground Const. Co., Berkeley, \$3,188.90. 29

Table with 10 columns (A-J) and 10 rows of bid amounts for various items.

- (19) 230 lf. 54-in. conc. pipe—Det X or reinf.;
- (20) 130 lf. 30-in. conc. pipe—reinf.;
- (21) 3 each street signs—Det P;
- (22) 16 ea. monument covers—Det E;
- (23) 4 ea. adjusting manhole covers;
- (24) 9 ea. adjustments—Det D;
- (25) 1 each headwall—Det B-1;
- (26) 15 ea. manholes—Det No 4;
- (27) 7 each gutter inlets—Det No 1;
- (28) 5 each gutter inlets—Det No 2;
- (29) 2 each gutter inlets—Det No 3;
- (30) 9 each gutter inlets—Det No 6;
- (31) 3 ea. irrig. standpipes—Det V-2;
- (32) 2 ea. irrig. standpipes—Det V-3;
- (33) 13 ea. standing palms under 12-in. dia.;
- (34) 20 ea. do, 12- to 18-in. dia.;
- (35) 9 ea. do, 18- to 24-in. dia.;
- (36) 18 ea. do, 25-in. and over.

Total bids were:

- (A) Daley Corp., San Diego, \$83,496.20.
- (B) W. E. Hall Co., \$86,768.20
- (C) Phoenix-Tempe Stone Co., \$90,239.20.
- (D) Packard Contr. Co., \$99,753.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	\$ .63	\$.61	\$.68	\$.67
(2)	.24	.28	.28	.31
(3)	.24	.23	.25	.35
(4)	1.65	1.77	1.85	2.35
(5)	1.75	1.77	1.65	2.35
(6)	.24	.23	.28	.35
(7)	1.70	1.88	2.10	2.68
(8)	.80	.88	.65	.80
(9)	.12	.13	.12	.35
(10)	.17	.18	.20	.18
(11)	1.10	1.11	1.20	1.20
(12)	.80	.85	.80	.94
(13)	1.10	1.00	1.20	1.07
(14)	.75	.83	.90	.75
(15)	.80	.88	.65	.80
(16)	1.00	1.03	.70	.85
(17)	1.30	2.23	1.90	3.00
(18)	2.00	2.23	1.80	2.50
(19)	3.50	3.15	3.20	3.75
(20)	4.80	4.65	4.20	5.00
(21)	20.00	24.00	15.00	25.00
(22)	15.00	15.00	15.00	20.00
(23)	5.00	6.00	10.00	14.00
(24)	30.00	24.00	25.00	14.00
(25)	55.00	36.00	25.00	20.00
(26)	80.00	97.00	80.00	82.00
(27)	60.00	67.00	40.00	50.00
(28)	65.00	85.00	40.00	60.00
(29)	60.00	85.00	60.00	55.00
(30)	25.00	25.00	30.00	27.00
(31)	22.00	24.00	35.00	14.00
(32)	22.00	24.00	35.00	13.00
(33)	6.00	6.00	3.00	5.50
(34)	8.50	10.00	4.00	6.50
(35)	11.00	15.00	5.00	8.00
(36)	15.00	18.00	10.00	12.00

CONTRACT AWARDED

SACRAMENTO, Cal.—Carl R. Fiedler, \$2631 30th St., Sacramento, at \$28, (2) \$8, (3) \$1, (4) \$0.80, (5) \$2.25, (6) \$65, (7) \$12.50, awarded contract by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, Sacramento, for the improvement of the alley between Third Avenue and Fourth Avenue, from the easterly line of 21st Street to the westerly line of 22nd Street, Sacramento.

Bids were taken on:

- (1) Cast iron gutter drains complete, in place.
- (2) Concrete manholes.
- (3) Excavation, per cu. yd.
- (4) 6-in. vit. iron-stone sewer pipe, per lin. ft.
- (5) Expansion joints, 2" x 3/4-in. by 20 ft.
- (6) Trees removed.
- (7) Cement concrete pavement, per sq. ft.

NO BIDS RECEIVED

STATE OF WASHINGTON — No bids were received by Washington State Highway Department, L. V. Murrow, Director of Highways, Olympia, Wash., for paving with Portland cement concrete and widening four concrete bridges on 2 mi.

Orange Co., Const. Drainage Structures & Grading—(State)

ORANGE CO., Calif.—Dimmitt and Taylor, 815 E. 59th St., Los Angeles, at \$26,480, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures, excavating ditches and grading 2 1/2 miles of road approaches and apply penetration oil treatment thereto, between Bitter Point and the north arm of Newport Bay, Orange County.

- (1) Work involves:
  - (1) 100 M. gals. water;
  - (2) 4,500 c.y. rdwy. excav., unclass.;
  - (3) 1,000 sta. yds. overhaul;
  - (4) 4,600 c.y. struc. excav.;
  - (5) 30 c.y. remove existing concrete;
  - (6) finishing rdwy.;
  - (7) 25 tons mineral aggregate, plant mix surf.;
  - (8) 2 tons of liquid asphalt, ROMC-4 or ROMC-5, plant mix surf.;
  - (9) 10 tons of liquid asphalt, SC-1A penetration oil treatment;
  - (10) 5 tons liquid asphalt 90-95 seal coat;
  - (11) 25 tons screenings, seal coat;
  - (12) 25,000 lbs. bar reinf. steel;
  - (13) 20 c.y. Class A Portland cement conc. pavement;
  - (14) 275 c.y. do, struc.;
  - (15) 3,000 lbs. steel rail assemblies;
  - (16) 9,000 lbs. misc. iron and steel;
  - (17) 170 lf. 3/4-in. steel wire cable;
  - (18) 1.5 MFEM select all heart struc.

Redwood timber:

- (19) 240 lf. 24-in. stand. reinf. conc. pipe;
- (20) 1,520 lf. 36-in. do;
- (21) 140 lf. 8-in. CMP;
- (22) 150 lf. 18-in. CMP;
- (23) 170 lf. 24-in. CMP;
- (24) 80 lf. laminated guard railing;
- (25) 4,000 sq. ft. 48-in. wire hardware cloth;
- (26) 3 each inlet trash racks;
- (27) 500 lf. pipe and wire check dams
- (28) 5 each culvert markers.

The State will furnish CMP, band cutters, elbows and taper inlet.

Total bids follow:

- (A) Dimmitt & Taylor, 815 E. 59th St., Los Angeles, \$26,480.00.
- (B) G. O. Gartz, Los Angeles, \$28,799.00.
- (C) Geo. R. Curtis Paving Co., Los Angeles, \$28,978.50.
- (D) The Contracting Engineers Co., Los Angeles, \$29,457.00.
- (E) Vido Kovacevich, Los Angeles, \$29,879.00.
- (F) C. R. Butterfield - Kennedy Co., San Pedro, \$37,771.00.
- (G) The Mierberg, Los Angeles, \$35,136.75.
- (H) Sully Miller Contr. Co., Long Beach, \$35,487.50.
- (I) Claude Fisher Co., Ltd., Los Angeles, \$37,331.00.
- (J) J. E. Haddock, Ltd., Pasadena, \$37,404.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	\$ 1.50	\$ 1.50	\$ 3.00	\$ 2.00	\$ 2.00	\$ 2.50	\$ 3.00	\$ 2.00	\$ 2.50	\$ 2.00
(2)	.30	.30	.40	.30	.45	.30	.78	.60	.45	.45
(3)	.02	.05	.06	.05	.08	.02	.05	.05	.02	.02
(4)	.60	.65	.90	.50	1.25	.95	1.10	1.00	2.00	2.00
(5)	4.00	5.00	5.00	6.00	6.00	5.00	8.00	3.00	10.00	3.50
(6)	200.00	100.00	200.00	200.00	300.00	150.00	100.00	250.00	500.00	325.00
(7)	3.50	4.00	6.00	5.00	4.00	7.00	5.50	4.00	5.00	8.00
(8)	17.00	17.00	13.50	15.00	20.00	14.00	20.00	15.00	30.00	15.00
(9)	15.00	17.50	17.50	18.00	15.00	12.50	15.00	15.00	30.00	18.00
(10)	18.00	20.00	21.00	20.00	25.00	25.00	18.00	30.00	30.00	16.00
(11)	3.40	4.00	5.00	4.00	3.00	5.00	3.00	3.00	3.00	3.00
(12)	.05	.06	.05	.06	.05	.06	.05	.06	.05	.06
(13)	12.00	13.00	10.00	12.00	12.00	15.00	16.10	15.00	15.00	15.00
(14)	20.00	24.80	18.90	17.00	17.50	25.00	26.60	30.00	27.50	25.00
(15)	5.50	.05	.05	.06	.07	.05	.06	.05	.05	.05
(16)	.20	.20	.20	.20	.17	.20	.19	.18	.19	.20
(17)	25	20	25	1.00	.40	.15	.20	2.00	.50	1.00
(18)	220.00	140.00	150.00	200.00	300.00	500.00	360.00	200.00	200.00	150.00
(19)	3.00	3.00	3.00	3.50	3.50	3.25	2.90	3.50	3.00	3.35
(20)	5.50	5.25	5.70	6.00	5.50	5.50	5.50	5.40	5.50	5.65
(21)	.30	.50	.30	1.00	.35	.50	.75	.30	.30	.35
(22)	.60	.75	.50	2.00	.45	.75	.20	.75	.40	.50
(23)	.60	1.00	.60	2.50	.50	1.00	1.50	1.00	.50	.80
(24)	1.50	2.00	2.50	1.50	2.00	2.00	1.25	3.00	1.50	1.50
(25)	.13	.15	.19	.30	.15	.20	.19	.15	.15	.26
(26)	60.00	60.00	60.00	70.00	70.00	40.00	200.00	150.00	110.00	110.00
(27)	3.80	3.00	4.00	6.50	4.25	8.25	6.40	7.50	5.00	5.40
(28)	3.00	3.00	3.50	15.00	2.00	3.00	3.00	5.00	3.00	2.50

SAN FRANCISCO—LAYING MAINS—(City)

SAN FRANCISCO, Cal.—The Lowry Paving Co., Inc., 1540 16th St., San Francisco, at \$1817, submitted low bid to the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W.D. 161, for laying 6 and 8-inch cast iron mains in Phelps, Winding Way and Naylor Streets.

Work involves:

- (1) 1800 lf. excav. and backfill for 8 and 6-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 30 cu. yd. additional excavation and backfill;
- (3) 275 sq. ft. additional pavement removed and replaced;
- (4) (a) 500 lf. 8-in. bell and spigot cast iron pipe installed;

- (b) 1300 lf. 6-in. do.;
- (5) 3000 lbs. fittings, gate valves, etc., installed;
- (6) 230 lf. bell and spigot joints for pipe and fittings;
- (7) 2800 sq. ft. repavement.

Total bids follow:

- (A) The Lowry Paving Co., Inc., 1540 16th St., San Francisco, \$1817.00.
- (B) W. J. Tobin, Oakland—\$2009.35.
- (C) S. F. Water Dept.—\$2336.75.
- (D) E. J. Treacy, S. F.—\$2368.25.
- (E) Martin Murphy, Albany—\$2369.
- (F) The Fay Improvement Co., S. F.—\$2489.75.
- (G) Undergrnd Constr. Co., Berkeley—\$4882.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$0.40	\$0.50	\$0.60	\$0.77	\$0.60	\$0.66	\$1.77
(2)	.03	1.00	1.50	1.00	1.00	1.00	1.00
(3)	.26	.35	.45	.35	.30	.35	.50
(4a)	.08	.08	.08	.09	.07	.10	1.22
(4b)	.06	.07	.08	.07	.10	.08	.08
(5)	.03	.03	.03	.03	.03	.08	.03
(6)	.35	.27	.40	.35	.25	.35	.30
(7)	.26	.25	.27	.20	.28	.30	.30

Primary State Highway 12, Globe  
Cramer's Crossing, FAP 131-F.  
acific County.  
Bids will be readvertised for. \* 29

**CONTRACT AWARDED**

**HUNTINGTON PARK, Los Angeles Co., Cal.—Asphalt Pavement Plang Co., 1924 Broadway, Oakland, at 0125 sq. ft., submitted the sole bid**  
Huntington Park city council for  
aning 152,000 sq. ft. of surface on  
acific Blvd. between Florence and  
tauson Avenues. \* 29

**CONTRACT AWARDED**

**SAN FRANCISCO.—A. G. Raisch, De Haro St., San Francisco, at \$4,166.80, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19092, for widening of Second Street, between rannan and Townsend Streets, San Francisco. Estimated cost, \$4,915.** \* 29

**IDS OPENED**

**COLORADO RIVER PROJ., Texas. Following submitted bids to Bureau of Reclamation, Denver, under Spec. No. 987-D, for furnishing pipe, fittings, valves and appurtenances for line bypass, drain, and air-let piping for the paraxial gates at the Farshall Flood Dam, Colorado River project, Texas; job cars at shipping oint and/or Rutledge, Texas.**

**Total bids follow:**

Grinnell Co. of the Pacific, Los Angeles, job various points, \$43,675, 17  
Grinnell Co., Inc., St. Louis, Mo., ob Rutledge, Texas, \$45,798, disc.  
6%.

Geo. G. Lambert & Co., Chicago, ob various points, \$39,650; 2%.

Greene-Wolf Co., Inc., Brooklyn, N. Y., job Rutledge, \$43,516, 2%.

Associated Piping & Engr. Co., Los Angeles, job Rutledge, \$41,965; 14.5%.

Crane - O'Fallon Co., Denver, job Rutledge, \$43,645; 2%.

Grimes Pipe & Supply Co., Denver, job Rutledge, \$47,980; 2%.

Midwest Piping & Supply Co., St. Louis, job Rutledge, \$43,867.

C. J. Raine & Co., Philadelphia,

ob Chicago, \$38,943; 2%.

**IDS OPENED**

**SUN RIVER PROJ., Mont.—Carl Teubert, Fairfield, submitted a bid of \$1,744 submitted low bid to the Bureau of Reclamation, Fairfield, under Spec. No. 995-D, for clearing the Gibson reservoir site above elevation 5716.5, on River Project, Montana.**

**Total bids follow:**

Carl Teubert, Fairfield, \$ 4,994

Enger & Graves, Fairfield, 5,750

McGinnis & Kramer, Browning, 3,164

McLaughlin Const. Co., Livingston, 13,500

Wilson Smith Const. Co., Great Falls, Mont., 15,900

**CONTRACT AWARDED**

**COWLITZ CO., Wash.—Leonard & late, Multnomah, Ore., at \$134,636, awarded contract by the U. S. Engineer Office, 305 Custom House, Portland, Ore., under Bid No. 698-28, for clearing, bank sloping and the construction of riprapp revetment on certain sections of levee and strengthening of certain sections of levee by truck haul, situated in Diking Improvement District No. 13, ear Kelso and Longview, Cowlitz county, Wash. Estimated cost, \$160,793.00.** \* 29

**11—PIPE LINES & WELLS****IDS OPENED**

**HUNTINGTON PARK, Los Angeles Co., Cal.—Pacific Pump Works, 716 Bicket St., Huntington Park, at \$301, submitted low bid to Huntington Park City Council for furnishing deep well pump for installation in**

**INYO COUNTY—GRADING—(State)**

INYO COUNTY, Ca.—Silva & Hill Const. Co., 600 E Elk Ave., Glendale, at \$31,885 submitted low bid to the State Division of Highways, C. H. Patrick, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying penetration oil treatment to a 29 miles between 17 1/2 miles east of Panamint Sink and Death Valley National Monument, Inyo County.

Work involves:  
1. 41,100 cu. yds. of excav. & fill mass.  
2. 29,319 cu. yds. of cut work  
3. 60,000 sq. ft. of curb & gutter  
4. 1,155 cu. yds. of finishing roadway  
5. 105 tons of liquid asphalt, 80-2 penetration, 50% treatment  
6. 180 11/16-in. CMP.  
7. 10 each, invert markers

122 each, guide posts.  
9. 56 each, monuments.  
The State will furnish CMP. and hand couplers.

**Total bids follow:**

A) Silva & Hill Const. Co., 600 E. Elk Ave., Glendale, \$31,835.00  
B) Triangle Rock & Gravel Co., San Bernardino, \$32,152.00  
C) Minnis & Moody, Los Angeles, \$32,816.50

D) Young & Son Co., Ltd., Berkeley, \$35,014.50.

E) A. S. Vinnell Co., Alhambra, \$38,452.00.

F) Iahell Const. Co., Reno, Nevada, \$43,532.00.

G) John Rocca, San Rafael, \$44,186.50.

**Unit prices follow**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
1	\$ 67	\$ 69	\$ 615	\$ 74	\$ 80	\$ 90	\$ 98
2	.01	.01	.02	.01	.01	.02	.015
3	2.00	2.00	2.00	1.25	1.50	2.50	2.00
4	5.00	7.00	11.00	7.00	10.00	10.00	8.00
5	20.00	15.00	25.00	22.00	25.00	28.00	18.00
6	1.00	1.00	1.50	1.00	.70	1.00	1.00
7	4.00	3.00	5.00	3.00	3.00	3.00	4.00
8	3.00	2.00	.00	2.75	3.00	3.00	4.00
9	4	3.00	1.00	4.00	4.00	5.00	4.00

**YERBA BUENA—EAST PORTAL BLVD.—(Exposition)**

YERBA BUENA ISLAND.—Part of Exposition at \$67,965, submitted to the San Francisco Bay Exposition Co., Inc., San Francisco, by the East Portal Boulevard on Yerba Buena Island Contract No. 120, All bids were closed under advertisement.

Bids were taken as follows:  
1. 17,500 cu. yd. general excav.  
2. 1,150 cu. yd. structure excav.  
3. 5.55 MFEB timber;  
4. Lump sum, balance general work.

Complete bids were as follows:

Bidder	1	2	3	(4)	Total
Charles H. Boyer & Co.,	\$8,000	\$750	\$56.00	\$30,200	\$67,965.00
J. P. Coyne & W. A. Cotter, C.	20	1,100	76.00	33,190	79,330.00
J. W. Gardner & Co.,	64	25.00	75.00	32,932	84,702.00
J. H. Grinnell Co.,	47	1.60	60.00	46,000	87,925.00
W. H. Henning, Stockton,	47	2.35	71.00	40,900	89,802.50
M. J. Lamb, Los Angeles,	50	1.75	70.00	42,808	90,670.00
M. J. Lamb, Los Angeles,	50	1.50	70.00	44,904	92,229.00
W. H. Henning, Stockton,	6	1.60	85.00	41,000	103,325.00

**Courtland High Assembly Building—Sacramento County**

**ASSEMBLY HALL, Courtland, Calif.—The Sacramento County Board of Supervisors, at \$137,200, awarded contract by the U. S. Engineer Office, 305 Custom House, Portland, Ore., under Bid No. 698-28, for clearing, bank sloping and the construction of riprapp revetment on certain sections of levee and strengthening of certain sections of levee by truck haul, situated in Diking Improvement District No. 13, ear Kelso and Longview, Cowlitz county, Wash. Estimated cost, \$160,793.00.** \* 29

**Total bids follow:**

A) Steinbrener Co., Sacramento, \$24,616

B) Ott Steinbrener Sacramento, \$24,616

C) H. W. Robertson, Sacramento, \$24,900

D) H. H. Henning, Stockton, \$25,800

E) L. J. Hensley Const. Co., Sacramento, \$25,887

F) H. H. Henning, F. Unger, Sacramento, \$26,620

G) H. J. Hensley Const. Co., Sacramento, \$26,620

H) George Rock, Stockton, \$26,990

I) Lindgren & Swanson, Inc., Sacramento, \$27,820

J) J. H. Meyer, Stockton, \$28,000

Alternative bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	\$1,100	\$ 945	\$1,500	\$1,115	\$ 825	\$ 940	\$1,137			
2	50	30	80	72	30	45	302	571	540	
3	80	80	285	775	2850	420	474	1262	3670	
4	100	100	100	100	100	60	100	90		
5	100	100	600	275	250	450	560	337	350	
6	100	60	60	70	150	13	150	13	255	
7	100	130	130	375	75	50	63	75		
8	100	300	750	728	300	255	175	275	1300	
9	150	15	150	150	180	177	256			
10	150	130	150	120	147	473	287			
11	150	130	150	120	147	473	287			
12	150	130	150	120	147	473	287			
13	150	130	150	120	147	473	287			
14	150	130	150	120	147	473	287			
15	150	130	150	120	147	473	287			
16	150	130	150	120	147	473	287			
17	150	130	150	120	147	473	287			
18	150	130	150	120	147	473	287			
19	150	130	150	120	147	473	287			
20	150	130	150	120	147	473	287			
21	150	130	150	120	147	473	287			
22	150	130	150	120	147	473	287			
23	150	130	150	120	147	473	287			
24	150	130	150	120	147	473	287			
25	150	130	150	120	147	473	287			
26	150	130	150	120	147	473	287			
27	150	130	150	120	147	473	287			
28	150	130	150	120	147	473	287			
29	150	130	150	120	147	473	287			
30	150	130	150	120	147	473	287			

Primary State Highway 12, Globe  
Cramer's Crossing, FAP 131-F.  
acific County.  
Bids will be readvertised for. \* 29

18-inch well. Other bids were: Byron Jackson Co., Layne & Bowler, and Peerless Pump Co. submitted identical bids at \$3,252.39.  
Victor Equipment Co. \$3,291.53. \* 31

**32— SEWERS & SEWAGE DISPOSAL PLANTS**

**CONTRACT AWARDED**  
**CHOWCHILLA.** Madera Co., Cal.—John F. White, 3214 E 12th St., Oakland, at \$35,983.88 was awarded contract by the Chowchilla City Council City Clerk, Chowchilla, for the construction of sewers in the city of Chowchilla. \* 32

**CONTRACT AWARDED**  
**SAN FRANCISCO.**—M. J. Lynch, 1435 Church St., San Francisco, at \$35,100, awarded contract by the Department of Public Works, Room 251, City Hall, under Spec. No. 19024, for the construction of the Richmond connecting sewer; PWA job. Estimated cost, \$36,000. \* 32

**BIDS OPENED**  
**SAN FRANCISCO.**—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$668.50 submitted low bid to the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W.D. 158-R, for laying 2 and 6-in. cast iron main in Encline Court.  
Work involves:

- (1) 575 lf. excav. and backfill for 2 and 6-in. pipe, trench 17 in. wide by 36 in. deep;
- (2) 10 c.v. additional excavation and backfill;
- (3) No. 1 Item 3;
- (4) 1a) 350 lf. 6-in. bell and spigot cast iron pipe;
- (b) 225 lf. 2-in. do.;
- (5) 750 lbs fittings, gates, valves, etc.
- (6) 70 lf. bell and spigot joints for pipe and fittings;
- (8) 28 7/8-in. screw taps;
- (9) 530 lf. 7/8-in. copper service pipe.  
Total bids follow:

- (A) W. J. Tobin, 3701 Balfour Ave., Oakland—\$668.50.
- (B) E. J. Treacy, San Francisco—\$774.50.
- (C) S. F. Water Dept.—\$783.65.
- (D) The Lowrie Paving Co., Inc., San Francisco—\$849.60.
- (E) Underground Constr. Co., Berkeley—\$1725.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	\$0.30	\$0.55	\$0.70	\$0.70	\$1.70
(2)	1.00	1.00	3.30	.50	1.00
(3)	.07	.05	.10	.12	.10
(4)	.61	.05	.06	.10	.10
(5)	.64	.03	.035	.05	.04
(6)	2.30	.35	.60	.50	.50
(7)	.10	.20	.30	.30	.60
(8)	2.50	1.00	1.05	1.50	2.00
(9)	.95	.30	.35	.35	1.00

**BIDS WANTED**  
**OAKLAND, Cal.**—Until Dec. 9, 9 p.m. bids will be received by the Oakland City Council, W. W. Chapel, City Clerk, City Hall, for laying 8-in. reinforced concrete pipe from sewer in the southwest corner of 8th Ave. to the Western Pacific Railroad Co. tracks, Oakland.  
Work involves:

- (1) 572 lf. double 84-in. reinforced concrete pipe storm sewer;
- (2) Lump sum, concrete in walls;
- (3) Lump sum, reduced in structure including all of existing ditch.

Plans and specifications may be obtained from the above office.  
Bids opened Nov. 30, were rejected. \* 32

**BIDS OPENED**  
**SEATTLE, King Co., Wash.**—Queen City Const. Co., 643 18th Ave. S., at \$214,327 submitted low bid to Board of Public Works, 509 County-City Bldg., Seattle, for the construction of 5th Ave. SW water mains; PWA

Docket 1448. Work involves installation of about 73,000 ft. of water mains with hydrants, valves and necessary appurtenances.

- Total bids follow:
- Queen City Const. Co. \$214,327
  - Thos. Sealzo 222,020
  - L. Coluccio & Co. 223,969
  - Macri Brothers 231,165
- Northwest Const. Co. submitted bids at \$257,145 (cast iron); \$243,430 (transite); and \$289,125.00 (amended transite). \* 32

**LOW BIDDER**  
**CHOWCHILLA.** Madera Co., Cal.—John F. White, 3214 E 12th St., Oakland, at \$35,983.88 submitted low bid to the Chowchilla City Council, City Clerk, Chowchilla, for the construc-

tion of sewers in the city of Chowchilla.

**CONTRACT AWARDED**  
**PLACERVILLE.** El Dorado County, Cal.—Oakland Sewer Const. Co., 991 Walnut St., Oakland, at \$392,610 was awarded contract by the Placerville City Council, City Clerk, Placerville, for construction of Municipal Sewage Disposal Project; Project Unit A; PWA. \* 32

**BIDS WANTED**  
**SEATTLE, King Co., Wash.**—Until Dec. 20, bids will be received by the Board of Public Works for preliminary work for Henderson Street sewer treatment plant. Filling site, involving about 12 acres clearing, 92

**SANTA CRUZ & SANTA CLARA COS.—Grading and Surfacing—(State)**

**SANTA CRUZ & SANTA CLARA COS.**, Cal.—Heafey-Moore Co., and Fredrickson & Watson Construction Co., 344 High Street, Oakland, at \$895,045.14, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with road-mixed surfacing on crusher run base about 63 miles between Inspiration Point and Lns Gatos, Santa Cruz and Santa Clara Counties, Calif.

- Work involves:
- (1) 127 acres clear. and grubb.;
  - (2) 19,000 M gals. water;
  - (3) 350 c.v. remove concrete;
  - (4) 2,183,000 c.v. roadway excavation, without classif.;
  - (5) 2,500 c.v. ditch excav.;
  - (6) 12,500 c.v. struc. excav.;
  - (7) 1,600 c.v. selected top soil;
  - (8) 115,000 c.y. rock backfill;
  - (9) 32,000,000 sta. yds. overhaul;
  - (10) 331 sta finishing roadway;
  - (11) 36,500 tons crusher run base;
  - (12) 340 tons liq. asphalt, SC-1A, prime coat and penetration treatment;

- (13) 31,500 tons min. aggregate, road mix surf.;
- (14) 1,800 tons liq. asphalt, ROMC-3 ROMC-4, road-mix surf.;
- (15) 200 tons liq. asphalt, MC-3, seal coat;
- (16) 50 tons liq. asphalt, SC-2, penetration treatment;
- (17) 1,850 tons screenings, penetration treatment and seal coat;
- (18) 310,000 lbs. bar. reinf. steel;
- (19) 2,600 c.y. class A portland cement concrete strucs.;
- (20) 1,285 c.y. crushed rock foundation mats;
- (21) 3 MFEM select, all-heart, struts, Redwood timber;
- (22) 70 c.y. rubble masonry;
- (23) 3,000 lf. 8-in. CMP, 16-ga.;
- (24) 68 lf. 12-in. CMP, 16-ga.;
- (25) 4,200 lf. 18-in. CMP, 16-ga.;
- (26) 164 lf. 18-in. CMP, 16-ga. siphon ble rivetted;
- (27) 160 lf. 18-in. CMP, 14-ga. double rivetted;
- (28) 1,550 lf. 24-in. CMP, 14-ga.;
- (29) 3,000 lf. 24-in. CMP, 12-ga. double rivetted;
- (30) 90 lf. 30-in. CMP, 12-ga.;

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$541.00	\$500.00	\$325.00	\$500.00	\$80.00	\$380.00
(2)	.....	50	1.00	50	50	1.00
(3)	.....	6.00	3.00	3.00	5.00	2.50
(4)	.....	201	194	20	21	225
(5)	.....	73	1.00	1.10	1.50	1.00
(6)	.....	90	1.50	1.25	1.50	1.20
(7)	.....	1.50	.25	1.25	2.50	.70
(8)	.....	.002	.18	.45	.30	.20
(9)	.....	4.75	5.00	10.00	9.015	9.001
(10)	.....	1.42	1.10	1.60	1.50	1.30
(11)	.....	14.85	10.70	12.50	12.00	11.00
(12)	.....	1.35	1.25	1.70	1.40	1.10
(13)	.....	16.00	16.00	18.00	16.00	16.00
(14)	.....	18.00	16.80	20.00	16.00	16.00
(15)	.....	12.30	12.50	15.00	14.00	12.00
(16)	.....	3.00	3.00	2.50	3.00	2.75
(17)	.....	065	.06	.06	.06	.05
(18)	.....	18.10	20.00	22.50	26.00	21.60
(19)	.....	2.75	2.00	3.00	2.50	3.25
(20)	.....	110.00	145.00	125.00	150.00	180.00
(21)	.....	11.00	18.00	14.00	10.00	18.00
(22)	.....	.95	.95	1.00	1.20	.90
(23)	.....	1.28	1.25	1.30	1.30	1.45
(24)	.....	1.88	1.50	1.90	1.80	1.80
(25)	.....	2.60	3.00	3.25	3.00	2.50
(26)	.....	2.73	2.40	2.35	2.60	2.50
(27)	.....	2.83	2.60	3.00	2.90	2.75
(28)	.....	4.12	3.80	4.00	3.90	4.00
(29)	.....	1.50	1.50	1.50	1.50	1.50
(30)	.....	6.00	6.00	6.00	5.20	6.00
(31)	.....	5.40	5.50	5.50	5.20	5.50
(32)	.....	7.20	7.25	7.25	6.00	7.00
(33)	.....	.57	.50	.55	.65	.55
(34)	.....	1.64	2.50	3.00	3.00	3.60
(35)	.....	.70	1.00	1.00	2.00	1.00
(36)	.....	14.72	12.00	15.00	20.00	17.00
(37)	.....	1.50	2.25	1.10	1.00	1.50
(38)	.....	1.75	3.00	2.50	3.00	2.00
(39)	.....	1.75	2.50	2.00	3.00	2.00
(40)	.....	1.75	2.50	2.00	3.00	2.00
(41)	.....	1100.00	900.00	1000.00	1500.00	1000.00
(42)	.....	625.00	700.00	700.00	1000.00	800.00
(43)	.....	23.00	20.00	20.00	20.00	20.00
(44)	.....	.18	.30	.20	.30	.20
(45)	.....	3.00	3.00	3.00	3.00	2.50

c.y. fill, 100 feet sewer pipe. This preliminary work for PWA Docket 9, Henderson Street sewer, total estimated cost, \$500,000.

Plans and specifications may be obtained from the City Engineer, N. Carle.

WATER WORKS CONTRACT AWARDED LOS ANGELES, Calif.—Williams Othens & Haas, Subway Terminal Building, Los Angeles, at \$189,473.66 awarded contract by Los Angeles Water & Power Purchasing Agent California Bldg., Los Angeles, for alterations to the Edendale Water stem, PWA Docket No. Calif. 1929-Unit No. 7, Spec. X-109.

BIDS RETURNED UNOPENED REDDING, Shasta County, Calif.—The Redding City Council, Winfred Wright, City Clerk, Redding, returned all bids unopened for the construction of a municipal water system at Redding. Bids were called for Dec. 8, 8:00 p.m. Bids will be readvertised for in about 30 days.

BIDS OPENED SAN MATEO CO., Calif.—Miller & McEllis 4444 Geary Blvd., San Francisco, at \$1011.10, submitted low bid to the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W.D. 163, for raising forebay structures for Bald Hill Tunnel, San Andreas Reservoir, San Mateo Co. Work involves: (1) Lump sum, raising and recon-

structing forebay house; (2) 12 c.y. concrete; (3) 1100 lbs reinforcing steel; (4) 0.8 MFBM redwood lumber in forebay house; (5) 0.5 MFBM do in walkway treatise; (6) 27 MFBM lumber furnished by the city, installed. Total bids follow: (A) Miller & McEllis, 4444 Geary Blvd., S. F.—\$1011.10 (B) H. Snead, Oakland—\$1233.75 (C) W. O. Tyson, Redwood City—\$1296.00 (D) Hanson Bros., S. F.—\$1837.23. Unit prices follow: (A) (B) (C) (D) (1) \$144.00 \$350.00 \$180.00 \$325.00 (2) 35.00 38.00 40.00 40.00 (3) .07 .09 .08 .15 (4) 125.00 125.00 125.00 95.00 (5) 200.00 120.00 145.00 95.00 (6) 63.00 168.75 65.00 45.00

34— PARKS AND PLAY GROUNDS

BIDS WANTED MESA, Ariz. Until Dec. 25, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C. for sealing and planting the grounds of the U. S. P. O. at Mesa. Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg. at Mesa.

35— TUNNELS

BIDS OPENED FORT PECK, Mont.—Fegles Construction Co., Minneapolis, at \$1,576,922, submitted low bid to the Division Engineer, Missouri River Division, Postal Telegraph Bldg., Kansas City, Mo., for the completion of main central shafts for Fort Peck tunnels. Estimated cost, \$2,537,195. Three low bids follow: Fegles Constr. Co., Minneapolis—\$1,576,922; McKiernan Terry Corp., New York City—\$2,225,500; Koppers Co., Baltimore—\$2,393,855.

SAN FRANCISCO CO. PERMITS UNDER \$1000

Table listing various permits in San Francisco with columns for permit number, name, and amount. Includes entries like SIGN Electric \$100, 1601 Van Ness Ave., and ALTER Shop \$90, 2313 Mission St.

- 1) 380 l.f. 30-in. CMP, 10-ga., double riveted; 2) 186 l.f. 36-in. CMP, 12-ga.; 3) 950 l.f. 36-in. CMP, 10-ga., double riveted; 4) 14,000 l.f. 6-in. perf. metal pipe underdrain; 5) 2,400 c.y. rock filling material for metal pipe underdrains; 6) 100 l.f. clean and salvage existing CMP culverts; 7) 100 each, spillway assemblies; 8) 500 l.f. laminated guard railing; 9) 120 each, culvert markers; 10) 360 each, guide posts; 11) 14 mi. type "A" property fence; 12) 90 mi. type "B" property fence; 13) 25 each, drive gates; 14) 3,000 sq. ft. paved gutter; 15) 325 each, monuments.

Table with 10 columns labeled (G) through (P) and rows of numerical data representing bid amounts for various items.

A. C. ENGINEERING SHOP & REPAIR DOCK, Sacramento

INTERIOR WORK, ETC.  
 SACRAMENTO, Cal.—Army Air Depot, near North Sacramento.

Construction and completion of interior work in A.C. Engineering Shop and Repair Dock. Work includes interior partitions, floors, doors, sash, plumbing, heating and ventilating, electrical work, etc.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster), P.O. Box 1646, Sacramento.

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Bids were taken as follows:  
 (1) Lump sum, complete all interior work and all plumbing and gas fitting;

(2) Lump sum, complete all heating and ventilating work;

(3) Lump sum, complete all electrical work;

(4) Lump sum, work complete required under Items 1, 2 and 3;

(5) Unit prices: These will be used in making deductions from or additions to the contract amount, provided any deviation from the drawings and specifications decreases or increases the work indicated or required. Unit prices shall include the furnishing of all labor and material, complete in place, unless otherwise noted:

- (a) Earth excav., per c.y.;
- (b) Rock excav., per c.y.;
- (c) Earth excav., trenches, c.y.;
- (d) Type B concrete, incl forms, per c.y.;
- (e) Structural steel, per ton;

- (f) Reinf. steel, per ton;
- (g) Add or omit 1/2-in. conduit or tubing, per foot;
- (h) Add or omit 3/4-in. conduit or tubing, per foot;
- (i) Add or omit 1-in. conduit or tubing, per foot;
- (j) Add or omit 1 1/4-in. conduit or tubing, per foot;
- (k) Add or omit 1 1/2-in. conduit or tubing, per foot;
- (l) Add or omit 2-in. conduit or tubing, per foot;
- (m) Add or omit 3-in. conduit or tubing, per foot;
- (n) Add or omit No. 12 R.C. wire, per foot;
- (o) Add or omit No. 10 R.C. wire, per foot;
- (p) Add or omit No. 8 R.C. wire, per foot;
- (q) Add or omit No. 6 R.C. wire, per foot;
- (r) Add or omit No. 4 R.C. wire, per foot;
- (s) Add or omit No. 2 R.C. wire, per foot;
- (t) Add or omit No. 1 R.C. wire, per foot;
- (u) Add or omit No. 0 R.C. wire, per foot;
- (v) Add or omit No. 2/0 R.C. wire, per foot;
- (w) Add or omit No. 4/0 R.C. wire, per foot;
- (x) Add or omit No. 500 MCM RC cable, per foot;
- (y) Addition of a Type "A-2" fixture and the installation of a Type "A" or "A-1" fixture in lieu thereof, each;
- (z) Addition of a 20-amp. receptacle, complete, and including not more than 20 ft. 0 in. of

conduit with 42 ft. 0 in. No. 12 wire, each;  
 (aa) Addition of a 20-amp. SP wall switch, complete, and including not more than 20 ft. 0 in. of conduit with 42 ft. 0 in. No. 12 wire, each.

Total bids follow:

- Item I
- (A) Eaton & Smith, 715 Ocean Ave., San Francisco—\$306,500.
- (B) James I. Barnes Constr. Co., St. Louis—\$319,000.
- (C) MacDonald, Kahn, San Francisco—\$322,223.
- (D) K. E. Parker Co., San Francisco—\$322,390.
- Item II
- (E) Cory & Joslin, Inc., 50 Hawthorne St., San Francisco—\$59,753.
- (F) Anderson & Rowe, San Francisco—\$61,315.
- (G) M. R. Carpenter, Sacramento—\$68,455.

- Item III
- (H) Reliable Elevator Works, 619 California Street, Sacramento—\$107,200.
- (I) Chas. A. Langlais, San Francisco—\$115,990.
- (J) Scott-Buttner Electric Co., Oakland—\$119,767.
- (K) Kenney Electric Co., San Francisco—\$125,956.
- (L) Alta Electric & Mechanical Co., San Francisco—\$132,221.
- (M) Abnett Electric Co., San Francisco—\$137,300.
- (N) Central Electric Co., San Francisco—\$144,000.
- (O) Luppen & Hawley, Inc., Sacramento—\$141,988.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(a)	\$ 1.50	\$.50	+\$ 2.25	-.75	+\$ 3.00	-\$1.00	\$	\$	\$	\$	\$	\$1.50	\$1.50	\$1.50	\$
(b)	3.00	4.50	+ 5.00	- 1.00	+ 6.00	- 1.00						5.00	3.50	4.00	
(c)	2.00	2.50	+ 2.50	- .75	+ 3.00	- 1.00						2.50	1.50	1.50	
(d)	20.00	20.50	+ 25.00	- 6.00	+ 30.00	- 6.00	10.00	+17.50	-11.00			20.00	20.00		
(e)	150.00	110.00	+125.00	- 75.00	+120.00	- 80.00						125.00			
(f)	120.00	97.00	+110.00	- 70.00	+100.00	- 90.00						110.00			
(g)			.085				12	+ .20	- .11	.17	.17	.18	.18	.13	.17
(h)		.13					.14	+ .26	- .14	.17	.17	.22	.23	.15	.20
(i)		.175					.18	+ .32	- .17	.31	.31	.29	.30	.25	.28
(j)		.235					.23	+ .40	- .22	.45	.45	.38	.42	.37	.40
(k)		.29					.28	+ .50	- .27	.55	.54	.42	.50	.42	.485
(l)		.52					.35	+ .65	- .35	.72	.72	.55	.66	.52	.60
(m)		.93					.58	+ 1.10	- .69	1.39	1.39	.92	1.24	.96	1.02
(n)		.022					.01	+ .022	- .013	.02	.02	.0189	.02	.02	1.013
(o)		.023					.015+	.03	- .017	.028	.028	.0236	.03	.207	.017
(p)		.04					.02	+ .045	- .024	.04	.04	.035	.05	.038	.03
(q)		.06					.04	+ .07	- .036	.059	.059	.062	.07	.054	.044
(r)		.75					.65	+ .08	- .045	.075	.075	.075	.08	.07	.065
(s)		.09					.07	+ .11	- .06	1.04	1.04	.107	.11	.096	.10
(t)		.14					.10	+ .17	- .092	.139	.139	.139	.13	.13	.13
(u)		.18					.12	+ .20	- .101	.165	.165	.169	.16	.155	.16
(v)		.20					.14	+ .25	- .129	.191	.191	.196	.19	.20	.19
(w)		.50					.19	+ .33	- .168	.273	.273	.279	.27	.247	.25
(x)		.50					.40	+ .70	- .35	.578	.578	.557	.55	.54	.49
(y)		12.50					16.36	+14.50	...	16.35	16.35	13.50	12.70	16.80	
(z)		3.35					6.50	+ 9.00	...	7.55	7.55	7.22	7.84	7.50	11.20
(aa)		5.50					6.50	+ 9.20	...	7.75	7.75	7.22	8.00	8.00	12.10

Time specified for completion:

(A) Begin in 30, finish in 360 days; (B) Begin in 10, finish in 240 days; (C) Begin in 15, finish in 400 days; (H) Begin in five, finish with general contractor; (I) Begin in 30 finish in 270 days; (J) Begin in one, finish in 270 days; (K) Begin in 10, finish in 200 days; (M) Begin in 15, finish in 360 days; (N) Begin in 10, finish in 240 days; (O) Begin in 15, finish in 365 days.  
 (5582) 1st report Oct. 21; 2nd, Oct. 27, 1937.

ALAMEDA COUNTY PERMITS UNDER \$1000  
 ALTERATIONS, \$115; 2304 California, owner, D. A. Carey, prem.; contractor, Fox Bros., 147 1/2 University Ave.

ALTERATIONS, \$800; 1725 10th St., Berkeley; owner and contractor, J. E. Danska, premises.  
 ADDITION, \$100; 3268 Market St., Oakland, owner and contractor, Annie O. Clifford, premises.

ADDITION, \$150; 3429 Hannah St., Oakland; owner and contractor, Theo. Sanchez, premises.  
 RE-ROOF, \$110; 5100 Grove St., Oakland; owner and contractor, Emma F. Dickinson, premises.

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# MACHINERY & MATERIAL

Bids calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**SACRAMENTO, Cal.**—Until Dec. 15 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-145, for furnishing and delivering Douglas Fir lumber of various sizes; fob shipping point and/or Rio Vista.

**FORT MASON, Cal.**—Until Dec. 17, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 28-38-169 for furnishing springs, bolts, sheet iron and hardwood lumber; fob Dock No. 1, Fort Mason, San Francisco.

**SAN FRANCISCO.**—Until Dec. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-72, for furnishing 2000 lbs. of cotton rags; fob U. S. Engineers, S. F. Waterfront.

**FORT MASON, Cal.**—Until Dec. 16, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-168, for furnishing miscellaneous office supplies.

**SACRAMENTO, Cal.**—Until Dec. 14 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Rm. 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-138, for furnishing mild steel, valves, tees and one electric heater; fob Rio Vista.

**FORT MASON, Cal.**—Until Dec. 15, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-167, for furnishing one horizontal duplex pattern, steam pump, 7½"x5"x6-in. for use on U. S. tug "Slocum"; fob Dock No. 1, Fort Mason, San Francisco.

**FORT McDOWELL, Calif.**—Until Dec. 15, 10:30 A. M., bids will be received by the Quartermaster, Fort McDowell, under Circ. Prop. No. 536-38-11 for furnishing Oregon pine lumber of various sizes; fob Fort Mason and/or shipping point.

## EAST BAY UTILITY DIST.

**OAKLAND, Calif.**—Until Dec. 15, 5:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 953, for furnishing (1) 450 couplings; (2) 3000 elbows, and (3) 400 tees.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Dec. 15, 10 a.m., bids will be received by Metropolitan Water District, Los Angeles, for transporting cement required for use in construction of portions of San Jacinto tunnel and appurtenant works, for which concrete is supplied from district's west portal batching plant. Bids will be received on:

SCHED. NO. 1—Transporting ap-

proximately 37,000 bbls. from Colton and Crestmoore to batching plant at West Portal up to June 30, 1938.

SCHED. NO. 2—Alternate to Sch. No. 1, transporting approximately 55,000 bbls. from San Jacinto station to batching plant up to Dec. 31, 1938. Spec. 260.

## SAN FRANCISCO CITY

**SAN FRANCISCO.**—Until Dec. 17, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1932 for furnishing paint, painters' supplies and glass for the term from Jan. 1 to June 30, 1935. Specifications and proposal blanks obtainable from the above office.

**SAN FRANCISCO.**—Until Dec. 15, 3 P. M., bids will be received by the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1942, for furnishing (1) 2000 ft. No. 12 L. C. Duplex Wire; (2) 1000 lbs. No. 12 H. D. Copper Wire and (3) 400 ft. 7 conductor cable.

## WAR DEPARTMENT

**SAN FRANCISCO.**—Until Dec. 15, 3 p.m. (previously reported Dec. 8), bids will be received by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom Hse., San Francisco, under Bid No. 868-38-73, for furnishing oxygen, acetylene and hydrogen gas; fob San Francisco.

## WAR DEPARTMENT

**SACRAMENTO, Cal.**—Until Dec. 16 2 P. M., bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 105-38-116, for furnishing gasoline and lubricating oil during the period January, February and March 1935; fob various service stations in California.

**FORT LEWIS, Wash.**—Until Dec. 18, 10 A. M., bids will be received by the Purchasing and Contracting Officer, Maj. O. W. Humphries, Quartermaster, Fort Lewis, under Bid No. 488-38-20, for furnishing Douglas fir lumber of various sizes; fob Fort Lewis.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND**—Bids will be received by the Forest Service Supply Depot, Frank Hanley, Supply Officer, Government Island, for furnishing supplies and materials, as follows:

December 14, 2 P. M.

BID NO. 750—Brass stoves, interlocking tape; fob Porterville.

December 20, 2 P. M.

BID NO. 551—Hand power bench grinders; fob Portland, Ore.

## TRASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

December 14, 10 A. M.

BID NO. 4733—Douglas fir single panel doors, and lumber; fob Fifth and Broadway, Oakland, Cal.

BID NO. 4732—30,000 f.t.m. Douglas fir lumber; f.o.b. cars at mill and/or Dennison Street Pier, Oakland.

## MET. WATER DISTRICT

**LOS ANGELES, Cal.**—Until Dec. 14, 11 a.m., bids will be received by Metropolitan Water District, Los Angeles, for 62,300 tons concrete aggregates for concrete lining for San Jacinto tunnel, Spec. 259. Certified or cashier's check, 10%, must accompany bid. The items are:

- SCHED. NO. 1—F.o.b. cars at bidder's plant:
  - (1) 20,700 tons fine aggregate;
  - (2) 41,600 tons coarse aggregate, ¾-in. to 2½-in. screened into ¾-in., to 1½-in., 1½-in. to 2½-in., and 1½-in. to 2½-in. sizes;
  - (3) 62,300 tons unloading and hauling concrete aggregates from San Jacinto siding to district batching plant at west portal of San Jacinto tunnel;

SCHED. NO. 2—Deliv. to dist. batching plant (alt. to Sch. No. 1):

- (1) 20,700 tons fine aggregate;
- (2) 41,600 tons coarse aggregate.

## TRASURY DEPARTMENT

**SAN FRANCISCO.**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials as follows:

DECEMBER 16 10 A. M.:

BID NO. 1730—Ties of various sizes; fob Aquatic Park, Larkim and Beach Sts., San Francisco.

BID NO. 4731—30,000 sacks Portland cement, f.o.b. cars at mill and/or San Francisco.

BID NO. 4730—Chain link fabric including line posts and line post tops at 10-ft. spacing; fob Ocean View Playground, San Francisco.

DECEMBER 17, 10 A. M.:

BID NO. 4731—Conduit, conduit elbows, connector, tape and wire, fob Park Meadows, 31th Avenue and Lincoln Way, San Francisco.

BID NO. 4737—2,900 ft. water pipe; 1½" 2nd and Adeline Sts., Oakland.

BID NO. 4738—Eath tube, pipe, plugs, lends, tees, sinks and pipe; fob 1925 G. on State Highway, Bk. (11-11-10).

## SAN FRANCISCO CO. PERMITS UNDER \$1000

PERMIT NO. 875—180 N.W. Mont. Street, 1st floor, 50 ft. x 7.8 ft. (10,000 sq. ft.); 967 Howard St., 10,000 sq. ft.; 1025 17th St., 811 Market St., 10,000 sq. ft.

PERMIT NO. 876—149 Ave. of the Americas, 180,000 sq. ft. (11,000 sq. ft.); 8400 Franklin Frame 870, 41,000 sq. ft.; 1700 19th St., 10,000 sq. ft.

PERMIT NO. 877—1900 A. Du. 10,000 sq. ft.; 1900 W. K. Inc. 10,000 sq. ft.

PERMIT NO. 878—1200 13th St., 10,000 sq. ft.; 1377 13th St., 10,000 sq. ft.

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## IN THIS ISSUE



Low Bid on Hickam Field Job  
Totals \$802,000



*State Calls Bids on Four Road Contracts*



**Building Permits, Advance Reports  
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Projects**

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## STATE INVITES BIDS ON FOUR HIGHWAY JOBS

San Joaquin, Fresno, Los Angeles, San Diego County Projects Advertised

SACRAMENTO, December 14.—The State Highway Commission today authorized two surfacing jobs and two bridge construction projects. Bids will be opened in Sacramento January 5; in Los Angeles, January 6; and in San Diego, January 7.

The first contract involves construction of a steel girder bridge and approaches about three miles south of Sanger in Fresno County. The bridge will consist of five 74-foot spans and two 65-ft. spans.

Principal items include: 12,500 cubic yards of roadway embankment; 80,000 pounds of bar reinforcing steel; 215,000 pounds of structural steel; 1050 lineal feet of timber railing; and 2100 lineal feet of steel piles.

### San Joaquin Grading

The second northern California contract calls for grading and surfacing with untreated crushed gravel or stone about 5.5 miles of highway between Bacon Island Ferry and Mandeville Island Ferry in San Joaquin county.

Unit prices will be submitted on four items. They are 500 million gallons of water; 10,000 cubic yards of unclassified roadway excavation; 65,000 station yards overhaul and 14,850 tons of untreated crushed gravel or stone surfacing.

On January 6, bids will be opened in Los Angeles for grading and surfacing with plant-mixed surfacing 0.9 mile of approaches and construction of a concrete bridge at Oso Creek in Orange Co. On the following day bids will be opened in San Diego for construction of a reinforced concrete slab bridge across Sweet River between National City and Chula Vista on Highland avenue in San Diego Co.

Sales of Class I mechanical stoppers for the first ten months of 1937 totalled 78,543 units, a substantial gain over the total of 63,422 units sold during the same period in 1936 the Bureau of Census reports.

## PACIFIC GROVE P. O. ADVERTISED

(Special to Daily Pacific Builder)

WASHINGTON, D. C., Dec. 14.—Bids for construction of the U. S. Post Office at Pacific Grove, Calif., were invited here today by the Treasury Department. Proposals will be opened in Washington January 25, it was announced.

The Pacific Grove building will cost in the neighborhood of \$74,000, according to estimates of necessary funds. Plans, as in the case of most other post offices, were prepared in the offices of Treasury Department supervising architect.

## Hammill to Succeed Saph As Structural Engineer President

Harold B. Hammill was elected President of the Structural Engineers' Association of Northern California for 1938 at the meeting of the Board of Directors last week. Sidney S. Gorman was elected Vice President and Alfred P. Fisher, Secretary-Treasurer.

The Directors are: H. M. Engle, Sidney S. Gorman, Frederick F. Hall, Harold B. Hammill and A. V. Saph, Jr.

A. V. Saph, Jr., is the retiring President, and the retiring directors are: William Adrian, John J. Gould and Jess Rosewald.

The past year was the most important in the history of the Association, with a larger membership, greater member attendance at the monthly meetings, and with more accomplishment in the operations of the standing committees, the board reported. The most important work of the year was the sponsoring of the State Engineers' Convention at Sacramento last March, when five hundred engineers of various classifications met with State Legislators and other prominent business men for discussion of the theme, "The Place of the Engineer in Public Affairs."

## CALIF. BIDDER LOW ON HICKAM FIELD QUARTERS

Robert E. McKee Submits Apparent Low Total Proposal at \$802,000

Robert E. McKee, Los Angeles, at \$802,000, yesterday submitted the apparent low total bid to the Constructing Quartermaster for the construction of 42 NCO quarters and 39 officers' quarters at Hickam Field, T. H.

Bids were taken on three propositions. They were: (1) NCO quarters; (2) field and company officers' quarters; and (3) combination of Propositions 1 and 2.

The bid of Robert E. McKee on Proposition 1 was \$311,000; on Proposition 2, \$509,000.

The second lowest bidder was MacDonald Construction Company of St. Louis. Their bid was: (1) \$324,240; (2) not available; (3) \$855,000.

Eser-Wikholm, Ltd., Los Angeles, submitted a bid totaling \$326,400 on Proposition 1. The bid on Proposition 2 was \$538,000, and no bid was submitted on the entire job.

Tucker-McClure, Los Angeles, submitted a bid totaling \$863,190 on Proposition 3. The firm did not bid on other propositions.

Two bids were received at Hickam Field. They were: Wm. Wills, Seattle, at \$898,000; and E. E. Black, Ltd., Honolulu, at \$899,000.

Only the names of four low bidders were released locally. Complete details will be announced shortly, according to officials.

## ENGINEER W. H. ARCHER TAKES NEW QUARTERS

W. Harry Archer and Associates consulting and industrial engineers, announce that they have moved to a new location at 130 Bush street. The new telephone number is EX-brook 5586.

W. Harry Archer and Associates specialize in factory designs. They furnish technical advice on mechanical, electrical, power plant, chemical, air conditioning, time study and efficiency problems, it is announced.

## CITY RECEIVES PROPOSALS FOR MINOR PROJECTS

Utilities Commission, Dept. of Public Works Open Bids On Small Jobs

The San Francisco Department of Public Works and the Public Utilities Commission yesterday opened bids on six minor jobs in the current municipal public works program.

The Public Utilities Commission received seven bids on its lone contract which called for laying 8-inch cast iron mains in Nineteenth avenue between Taraval and Wawona streets. Two thousand lineal feet of pipe were involved in the job.

Low bidder was W. J. Tobin, at \$1161.90, followed by Martin Murphy, at \$1222. Other bidders were: The Fay Improvement Company, \$1252; Underground Const. Co., \$1380; Charles L. Harney, \$1445; San Francisco Water Department, \$1481, and E. J. Treacy, \$1682.10.

Director William H. Worden of the Department of Public Works received three bids for the improvement of Innes avenue from Hawes to Ingalls, and of Ingalls from Innes to Jerrold avenues, largest of two formal bids for street jobs opened yesterday.

Low bidder was Richmond Const. Co., at \$2839. The other bidders were: Charles L. Harney, at \$4490, and Eaton & Smith, at \$4650.

### Sand Removal

Piombo Brothers at \$595, submitted the low bid for removing approximately 300 cubic yards of sand and rubbish from sections of Quintara and Pacheco streets. The second lowest bidder was Charles L. Harney, at \$675, followed by Eaton & Smith, at \$790. Eight bids were received.

Schrader Iron Works, Inc., at \$4250, submitted the low bid on Proposal No. 1 for construction of a Bureau of Identification penthouse at Hall of Justice. They submitted no bid on Proposal 2. The only other bid was offered by Soule Steel Company with \$4495 on Proposal 1, and \$7926 on Proposal 2. This Elevator Company, at \$2297 submitted the low bid for alterations to elevators at City Hall. Westinghouse Electric Elevator Co. at \$3124, submitted the only other bid.

Production of commercial steel castings during the first 10 months of 1937 totaled 924,632 short tons, as compared to production of 653,292 short tons during the same period in 1936, according to the Bureau of Census.

Shipments of deep well water systems during the first ten months of 1937 amounted to \$2,128,054, a substantial gain over shipments totaling \$1,632,445 during the same period in 1936, the Bureau of Census reports.

## PAGE ANNOUNCES S. P. AGREEMENT

John C. Page, U. S. Reclamation Commissioner, his brief visit in San Francisco this week demonstrated, is a man who can crowd a lot of action into a few short hours.

Mr. Page, here from Washington, D. C., announced Tuesday that a plan whereby a tunnel at Shasta Dam site would carry Southern Pacific trains around work while the dam was under construction, was being considered. Before he left for Boulder City, Mr. Page was able to announce that the plan would be followed, that a satisfactory agreement had been reached, providing for construction of the 37-mile S. P. relocation by the company, which would be reimbursed by the federal government.

## LET LOS GATOS HIGHWAY LINK, INYO PROJECTS

Heafey-Moore, Fredrickson & Watson Win 6.3-Mile Grading Contract

SACRAMENTO, December 13.—Award of three State Division of Highways contracts aggregating approximately \$942,000 was announced here today by Earl Lee Kelly, State Director of Public Works.

Largest of the three contracts let today went to Heafey-Moore Co. and Fredrickson & Watson Const. Co. of Oakland, and covers grading and surfacing about six and three-tenths miles of the new Los Gatos-Santa Cruz highway.

The contract price is \$895,045. The Oakland contractors at this figure last week submitted a low bid less than \$650 under that of Macco Construction Co. of Clearwater.

### Wide Bid Range

The project is one of the largest on the current calendar of the State Division of Highways, and bidding for the work covered a wide range of figures.

Located between Inspiration Point and Los Gatos in Santa Cruz and Santa Clara counties, the project will be under construction shortly, it was indicated.

The other two projects for which contracts were let today both are located in Inyo county. Awards were made as follows:

Basich Bros., Torrance, \$15,433, grade and surface two miles near Bishop.

Silva & Hill, Glendale, \$31,855, grade and oil 2.9 miles near Death Valley National Monument.

## WEBB RULES ON REGISTRATION OF FIRM NAMES

Opinion Clarifies Point in State Contractors' License Regulations

Attorney General U. S. Webb in an opinion requested by Earl S. Anderson, Registrar of Contractors yesterday ruled on name styles as they must be registered by contractors applying for state licenses.

The question arose out of a rule adopted by the Contractors' State License Board providing that every applicant for a contractor's license must register the name under which it is doing business as required by Section 2466 of the Civil Code, provided such name is required to be registered under the terms of the section.

Excerpts from Attorney General Webb's opinion follow:

### General Regulations

"Except as otherwise provided in the next section every person transacting business in this state under a fictitious name and every partnership transacting business in this state under a fictitious name, or a designation not showing the names of the persons interested as partners in such business, must file with the clerk of the county in which his or its principal place of business is situated, a certificate, stating the name in full and the place of residence of such person and stating the names in full of all the members of such partnership and their place of residence."

"It will be noted that this section deals with two classes: first, individuals, and second, partnerships. Under its terms individuals are required to file a certificate only when the name under which they are transacting business are 'fictitious'. On the other hand, partnerships must file certificates when the names under which they are transacting business are either fictitious, or fail to show the names of the persons interested as partners."

"It has been held that if the surname of the person doing business as an individual, or the surnames of all of the partners composing the partnership, appear in the name under which the business is conducted, the name is not fictitious, even though the Christian names or initials do not appear."

"On the other hand, a firm name which in addition to containing the surnames of one or more or all of the partners adds the words 'and Co.' or '& Co.', 'and Son', 'Bros.' or 'Brothers', while not fictitious, is one which fails to show the names of the persons interested as partners. Such names do not necessarily inform third persons desirous of transacting business with the partnership of the exact membership thereof, and hence such a firm must comply with Section 2466."

# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
259	Acme-Jenkins	Owner	1000
260	Rouseau	Owner	6000
266	Doelger	Owner	4000
265	Ransohoff	Divan	2000
267	Sommer	Tait	12000
268	Todhunter	Todhunter	1500
269	Tosca	Gulisti	1500
270	Anderson	Owner	4000
271	Schrader	Owner	15000
272	Bayles	G C Const	2000
273	Brown	Owner	2000
274	Crowe	Hinson	15000
275	McFarland	Owner	1000
276	Westwater	Owner	3900
277	Acme	Forbes	4000
278	Braun-Heimann	Cahill	104750
279	Del Norte	Early	1000
286	Stevenson	Owner	5000
287	Allen	Jensen	2000
288	Ango-Calif	Jacks	16000
289	Calvary	Kelly	2000
290	Delaney	Owner	10000
291	Del Norte	Early	1500
292	Higgins	Owner	3000
293	Rousseau	Owner	6000
294	Three-Sixty-Five	Coburn	2000
295	Tide Water	Owner	5000
296	Union Oil	Michel	5000

**LUMBER ROOM**  
(259) E BAYSHORE BLVD. 463 S Flower. One-story frame lumber room.  
Owner and Builder—Acme - Jenkins Co., 245 Diamond St.  
Architect—Not Given. \$1,000

**DWELLING**  
(260) E TEMESCAL TERRACE 30 N Golden Gate Ave. Two-story and basement frame dwelling.  
Owner and Builder—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6,000

**DWELLING**  
(261) E. 16TH AVE., 278 S QUIN-TARA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(262) E 16TH AVE., 188 S QUIN-TARA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(263) E. 16TH AVE., 248 S QUIN-TARA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(264) E. 16TH AVE., 158 S QUIN-TARA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**DWELLING**  
(265) E. 16TH AVE., 218 S QUIN-TARA. One-story and basement frame dwelling.  
Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
Architect—Not Given. \$4000

**ALTERATIONS**  
(266) 2659 WASHINGTON ST. Alter dwelling.  
Owner—Jas. Ransohoff, Prem.

Contractor—Divan & Co., 126 Post Street.  
Architect—Not Given. \$2000

**ALTERATIONS**  
(267) 838 MARKET ST. Alter store.  
Owner—Sommer & Kaufman, Prem.  
Contractor—W. C. Tait, 883 Market Street.  
Architect—Albert R. Williams, 251 Post St. \$12,000

**ALTERATIONS**  
(268) 2520 GOUGH ST. Alter flats.  
Owner—F. A. Todhunter, 2820 Baker St.  
Contractor—Geo. C. Todhunter, 1088 Ashbury St.

**ALTERATIONS**  
(269) 312 COLUMBUS AVE. Alter restaurant.  
Owner—Tosca Cafe, 308 Columbus Ave.  
Contractor—S. A. Giusti Co, 200 Green Street.  
Architect—Not Given. \$1500

**DWELLING**  
(270) E. 31ST AVE., 300 N TARAVALL. One-story and basement frame dwelling.  
Owner—N W. Anderson, 2427 24th Ave.  
Architect—Not Given. \$4000

**BUILDING**  
(271) NE 7TH ST., 75 SE BRANNAN ST. One-story Class C Mercantile Building.  
Owners—O R. and F. W. Schrader, 1247 Harrison St.  
Architect—Not Given. \$15,000

**ALTERATIONS**  
(272) 3560 DIVISADERO ST. Alter apartment house.  
Owner—John D. Bayles, premises.  
Contractor—Golden Gate Const. Co., 244 Kearny Street.  
Architect—G. A. Berger, 309 Valencia Street. \$2,600

**ALTERATIONS**  
(273) 734 HARRISON Street. Alter factory.  
Owner and Contractor—W. B. Brown, 400 Clayton Street.  
Architect—Not Given. \$2,000

**ALTERATIONS**  
(274) NE VAN NESS and Golden Gate Avenues. Alter garage and rooming house.  
Owner—M H. Crove, SW Bush and Franklin Streets.  
Contractor—L. A. Hinson, 756 Fourth Avenue.  
Architect—O A. Deichman, 321 Bush Street. \$15,000

(275) 624 SECOND AVENUE. Alter dwelling.  
Owner—J. H. McFarland, 710 4th Avenue  
Architect—Not Given. \$1,000

**DWELLING**  
(276) SW SAN JOSE AVENUE and Goethe. One-story and basement frame dwelling.  
Owner and Builder—Robt. E. Westwater, 425 Vermont Street  
Architect—Not Given. \$3,900

**ALTERATIONS**  
(277) SW BUCHANAN AND FULTON STS. Alter brewery.  
Owner—Ango Breweries, 762 Fulton St.  
Contractor—R J H. Forbes, 1067 Monadnock Bldg  
Architect—Not Given. \$1000

**OFFICE BLDG**  
(278) NE 16TH AND DE HARO Two-story Class C Office Bldg  
Owner—Eitan Knecht-Heimann Co., 584 Mission St.  
Contractor—Cahill Bros., 206 Sansome St.  
Architect—W. P. Day, H. M. Michelsen, 405 Montgomery St. \$104,750

**SERVICE STATION**  
(279) NE 19TH AVE. AND NORIEGA ST. One-story steel service station.  
Owner—Del Norte Inv. Corp., c/o Contractor  
Contractor—Fred J. Early, Jr., 369 Pine St.  
Architect—Not Given. \$1000

**DWELLING**  
(280) W TEMESCAL TERR. 90 S TURK ST. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$4000

**DWELLING**  
(281) E TEMESCAL TERR. 30 N GOLDEN GATE AVE. One-stv. and basement frame dwelling.  
Owner—Oliver M. Rousseau, Inc., 321 Kearny St.  
Architect—Not Given. \$4000

**DWELLING**  
(282) W TEMESCAL TERR. 115 S TURK ST. Two-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

**DWELLING**  
(283) W TEMESCAL TERR. 215 S TURK ST. One-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

(284) W TEMESCAL TERR. 110 S TURK ST. Two-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

**DWELLING**  
(285) W TEMESCAL TERR. 165 S TURK ST. Two-story and basement frame dwelling.  
Owner—Oliver M. Rousseau, 321 Kearny St.  
Architect—Not Given. \$6000

**ALTERATIONS**  
(286) 201 POWELL STREET. Alter Lounge.  
Owner—Frank Stevenson, Prem.  
Architect—Not Given. \$5000

**ALTERATIONS**  
(287) 375 SUTTER ST. Alter lifts, etc.  
Owner—Allen & Co., 154 Sutter St.  
Contractor—G P W. Jensen & Sons, Inc., 320 Market St.  
Architect—Henry T. Howard, 278 Post St. \$2000

**ALTERATIONS**  
(288) NW 16TH AND MISSION STS. Alter bank.  
Owner—Anglo Calif. Natl Bank, c/o Contractor.  
Contractor—Jacks & Irvine, 620 Market St.  
Engineer—Wm. Adman, 117 Market St.  
Architect—W. W. Wurter, 294 4th Avenue St. \$18,000

**ALTERATIONS**  
 (289) NW 16TH AND JUDAH STS.  
 Alter church.  
 Owner—Calvary Church, Prem.  
 Contractor—R. P. Kelly and John  
 Newton, 1434 Lawton St.  
 Architect—Not Given. \$2000

**DWELLING**  
 (290) N. SAN FELIPE, 130 E OF  
 SAN JACINTO. Two-story frame  
 dwelling.  
 Owner—Delaney & Wilson 1343 22nd  
 Ave.  
 Architect—Not Given. \$10,000

**SERVICE STATION**  
 (291) NE 19TH AVE. AND NORI-  
 EGA. Steel service station.  
 Owner—Del Norte Investment Corp.,  
 c/o Contractor.  
 Contractor—Fred J. Early, Jr., 369  
 Pine St.  
 Architect—Not Given. \$1500

**DWELLING**  
 (292) N. SOUTH TERM. OF COLE  
 ST., 229 S CARMEL. One-story  
 and basement frame dwelling.  
 Owner—Joe Higgins, Inc., 62 Mon-  
 terey Blvd.  
 Architect—Not Given. \$3000

**DWELLING**  
 (293) W. TEMESCAL TERR., 190 S  
 TURK ST. Two-story and base-  
 ment frame dwelling.  
 Owner—Oliver M. Rousseau, 321  
 Kearny St.  
 Architect—Not Given. \$6000

**ALTERATIONS**  
 (294) 365 MARKET ST. Alter resau-  
 rant.  
 Owner—365 Club, Prem.  
 Contractor—Ira W. Coburn, 2048 Mar-  
 ket St.  
 Architect—Not Given. \$3000

**ALTERATIONS**  
 (295) NE 16TH AND ILLINOIS  
 STS. Alter gasoline station.  
 Owner—Tide Water Assn. Oil Co.,  
 79 New Montgomery St.  
 Architect—Not Given. \$5000

**SERVICE STATION**  
 (296) NE CALIFORNIA & SCOTT  
 STS. Steel service station.  
 Owner—Union Oil Co. Mills Bldg.  
 Contractor—Michel & Pfeffer Iron  
 Works, 1415 Harrison St.  
 Architect—Not Given. \$5000

**ALAMEDA COUNTY**

No.	Contractor	Amt.
407	Estes	4000
408	Contador	Webb 1800
409	Darling	Owner 4000
410	Smith	Elec. Prod. 2000
411	Young	Owner 1400
412	Berk Ed Bd.	Owner 4500
413	Moss	Owner 1800
414	F & E.	Moore 9350
415	Pressler	Owner 5000
416	Heraty	Jensen 2200
417	Reynolds	Dooley 3800
418	Soderlund	Fredrickson 5500
419	Warren	Owner 3500
420	Kenyon	Altermatt 1000
421	Medical Center	Owner 9350
422	Oppenheim	Cone 1100
423	Gen Pet.	Owner 1200

**DWELLING**  
 (407) 1172 MILLER, BERKELEY.  
 One-story 5-room frame dwell-  
 ing and garage.  
 Owner—Walter Estes, 1034 Keith Av-  
 enue, Berkeley.  
 Contractor—R. F. Parks, 2104 Addi-  
 son St., Berkeley.  
 Architect—C. L. Snyder, 2104 Addi-  
 son St., Berkeley. \$1,000

**ADDITION**  
 (408) 4607 DAVENPORT AVENUE,  
 OAKLAND. Addition.  
 Owner—Mrs. M. Contador, premises

Contractor—Webb and Whalin, 2930  
 22nd Ave., Oakland.  
 Architect—Not Given. \$1,800

**DWELLING**  
 (409) 7049 THORNHILL DR., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner and Builder—Darling & Dar-  
 ling, 1750 102nd Ave., Oakland.  
 Architect—Not Given. \$4,000

**SIGN**  
 (410) 1131 WASHINGTON ST., OAK-  
 LAND. Electric sign.  
 Owner—Money-Back Smith.  
 Contractor—Electric Products Corp.,  
 950 30th St., Oakland.  
 Architect—Not Given. \$2,000

**ALTERATIONS**  
 (411) 2521 COOLIDGE AVE., OAK-  
 LAND. Alterations.  
 Owner and Contractor—Mrs. S. Young,  
 307 Sutter St., San Francisco.  
 Architect—Not Given. \$1400

**MOVE & RECONDITION**  
 (412) 2211 GROVE, BERKELEY.  
 Move and recondition portable  
 classrooms.  
 Owner & Builder—Berkeley Board of  
 Education, 2325 Milvia.  
 Architect—Not Given. \$4500

**ALTERATIONS**  
 (413) 3640 PIEDMONT AVE., OAK-  
 LAND. Alterations.  
 Owner and Builder—Moss Cleaners,  
 Prem.  
 Architect—Not Given. \$1800

**CHIMNEY**  
 (414) FIRST AND GROVE STS.,  
 OAKLAND. Concrete chimney.  
 Owner—P. G. & E. Co., 245 Market  
 St., San Francisco.  
 Contractor—C. C. Moore & Co., 450  
 Mission St., San Francisco.  
 Architect—Not Given. \$9380

**DWELLING**  
 (415) 3016 HYDE ST., OAKLAND.  
 One-story room dwelling.  
 Owner & Builder—Walter Pressler,  
 1419 Excelsior Ave.  
 Architect—Not Given. \$5000

**DWELLING**  
 (416) 5673 FLORENCE AVE., OAK-  
 LAND. One-story 4-room dwell-  
 ing.  
 Owner—Phil Heraty, 488 Fairbanks  
 Ave., Oakland.  
 Contractor—H. J. Jensen, 2757 Raw-  
 son St., Oakland.  
 Architect—Not Given. \$2200

**DWELLING**  
 (417) 4020 MIDVALE AVE., OAK-  
 LAND. One-story 5-room dwell-  
 ing.  
 Owner—Lillian M. Reynolds.  
 Contractor—Fred T. Dooley, 4100 35th  
 Ave., Oakland.  
 Architect—Not Given. \$3,800

**DWELLING**  
 (418) 5468 PROCTOR AVE., OAK-  
 LAND. One-story 6-room dwell-  
 ing.  
 Owner—John Soderlund, 93 Linda  
 Ave., Oakland.  
 Contractor—Karl S. Fredrickson, 1871  
 Tiffin Road, Oakland.  
 Architect—Not Given. \$5,500

**DWELLING**  
 (419) 3190 TEXAS ST., OAKLAND.  
 One-story 5-room dwelling.  
 Owner and Builder—W. H. Warren,  
 3044 Dakota St., Oakland.  
 Architect—Not Given. \$3,500

**ADDITIONS**  
 (420) 1210 SPRUCE ST., BERKE-  
 LEY. Additions.  
 Owner—Mrs. B. Kenyon, premises.  
 Contractor—J. F. Altermatt.  
 Architect—Not Given. \$1,000

**ALTERATIONS**  
 (421) 411 30th ST., OAKLAND. Al-  
 terations.  
 Owner and Contractor—Medical Cen-  
 ter Prop. Inc., premises.  
 Architect—Not Given. \$2,000

**ADDITION**  
 (422) 1444 23rd AVE., OAKLAND.  
 Addition.  
 Owner—E. Oppenheim, San Francisco  
 Contractor—Wilbur C. Cone, 608 16th  
 St., Oakland.  
 Architect—Not Given. \$1,100

**ADDITION**  
 (423) 500 GRAND AVE., OAKLAND.  
 Steel addition.  
 Owner & Builder—General Petroleum  
 Corp., Farr Terminal.  
 Architect—Not Given. \$1200

**DWELLING**  
 (424) 3374 GUIDO ST., OAKLAND.  
 One-story 5-room dwelling.  
 Owner & Builder—O. W. Johnson,  
 3721 Young Ave.  
 Architect—Not Given. \$4000

**BUILDING CONTRACTS  
 SAN FRANCISCO COUNTY**

No. Owner Contractor Amt.  
 227 Bernheim Empire \$435

**STORE BUILDING**  
 (227) LOT 26, BLK. 2989-B, WEST  
 PORTAL PARK, ON WEST  
 PORTAL AVE. One-story frame  
 store building.

Owner—Julius H. Bernheim, 1430  
 Van Ness.  
 Architect—Masten, Hurd & Roeth,  
 442 Post St.  
 Contractor—Empire Constr. Co., Ltd.,  
 Russ Bldg., San Francisco.  
 Filed Dec. 15, '37. Dated Oct. 4, '37  
 Frame up ..... \$2108.75  
 Brown coat plaster ..... 2108.75  
 Complete ..... 2108.75  
 Usual 35 days ..... 2108.75  
 TOTAL COST, \$8435.00

Limit, 60 days. Plans and speci-  
 fications filed.

**BUILDING CONTRACTS  
 ALAMEDA COUNTY**

No. Owner Contractor Amt.  
 146 Pac. T. & T. Soda 2115  
 147 Strobridge Holyoake 3981

**INSTALLATION**  
 (146) 307TH ST., OAKLAND. Un-  
 derground conduit installation.  
 Owner—Pacific Tel. & Tel. Co., 1545  
 Franklin St., Oakland.  
 Contractor—A. Soda & Son, 5231  
 Grove St., Oakland.  
 Filed Dec. 15, '37. Dated Dec. 6, '37  
 75% labor and material weekly.  
 25% 40 days after completion.  
 TOTAL COST, \$2115.78

Bond, \$2115.78. Surety, Pac. Indem.  
 Co. Limit, 60 days. Plans and speci-  
 fications filed.

**RESIDENCE**  
 (147) FOR LOT 86, CHERRYLAND,  
 Eden Township. Residence.  
 Owner—Mr. and Mrs. J. H. Stro-  
 bridge, Hayward.  
 Architect—Geo. P. Simonds, 80 Main  
 St., Hayward.  
 Contractor—Arthur Holyoake, 2839  
 East Ave., Hayward.

Filed Dec. 15, '37. Dated Dec. 9, '37  
 5th day after roof on ..... 1000  
 5th day after brown plaster ..... 1000  
 5th day after completion ..... 951  
 Usual 35 days ..... 1000  
 TOTAL COST, \$3981.00

Limit, 90 days. Plans and speci-  
 fications filed.



## BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | Offices                                     |
| 2.—Bonds                        | 11.—Ice and Cold Storage Plants             |
| 3.—Churches                     | 12.—Power Plants                            |
| 4.—Factories and Warehouses     | 13.—Public Buildings, Fire Houses and Jails |
| 5.—Flats                        | 14.—Residences                              |
| 6.—Garages and Service Stations | 15.—Schools                                 |
| 7.—Federal Buildings            | 16.—Banks, Stores and                       |
| 8.—Club Buildings               | 17.—Theatres                                |
| 9.—Hospitals                    | 18.—Warehouses & Docks                      |
| 10.—Hotels                      | 19.—Misc. Const.                            |
|                                 | 20.—Misc. Supplies &                        |

## APARTMENTS

Completing Plans  
APARTMENTS Est. Cost, \$350,000  
SAN FRANCISCO. NE corner of Broadway and Octavia Sts.

Six-sty., steel frame apartment house with two class A basements, containing 43 three to seven-room apts.; cement plastered exterior with cast cement ornamentation; forced air ventilating system in basements and garages, tile baths, separate showers with shower doors, refrigeration, etc.

Owner—J. Epp & Sons.  
Architect—H. C. Baumann, 251 Kearny St.

Contractor—Leo Epp, 4745 Geary St.

Bids In—Held Under Advertisment  
APARTMENTS Est. Cost, \$40,000  
SAN FRANCISCO. N. Francisco St., 50 E. of Polk St.

Three - story and basement frame apartment house containing 12 3- and 4 - room apts, composition shingle and composition roof, wrought-iron balconies, tile stall showers, hardwood floors, etc.

Owner—Mrs. E. Costello, c/o Architect.  
Architect—H. C. Baumann, 251 Kearny St.  
Announcement shortly.

Preparing Preliminary Plans  
APARTMENTS Est. Cost, \$37,000  
SAN FRANCISCO.

Apartment building to contain five five-room apts. (hardwood floors, tile baths, garages, etc.)

Owner—Withheld.  
Architect—A. H. Larsen, 333 Kearny.

## 3—CHURCHES

CONTRACT AWARDED  
NORTH HOLLYWOOD, Los Angeles Co., Cal.—W. W. Petley, 1426 S. La Brea Ave., Los Angeles, awarded contract for construction of a church at the St. Charles Parish, North Hollywood, for the Roman Catholic Archdiocese of Los Angeles. Rev. Harry Meade, pastor. M. L. Barker and G. Lawrence Ott, architects; Laurence D. Violi, associated, 624 S. La Brea Ave., Los Angeles. 3

## 4—FACTORIES &amp; WAREHOUSES

## BIDS OPENED

LOS ANGELES COUNTY, Calif.—Swift & Co., 3750 Jewel Ave., Vernon, opened bids Dec. 9 for the new meat packing plant to be built at the company's plant in Vernon. A. M. Ives, resident engineer for Swift

& Co., states that the bids will be sent to their Chicago offices, where it will be determined who the successful bidder is. It will probably be at least a week before the information is forthcoming. \* 4

Bids In  
PLANT Est. Cost, \$.....  
BERKELEY, Alameda Co., Cal. 2nd Street.

New plant.  
Owner—Air Reduction Sales Co., New York.

Plans by Engr. Dept. of Owner, New York.

Bids were received from a selected list of contractors and are now under consideration in the New York office of the owner. \* 4

Low Bidder  
WAREHOUSE Est. Cost, \$300,000  
OAKLAND, Alameda Co., Cal. Fruitvale Ave. and Estuary.

Part one and part two-story structural steel warehouse (approximately 180,000 sq. ft.), wood turlines, wood roof sheathing, corrugated iron siding, composition roof, sprinkler system, electrical work, plumbing, concrete.

Owner—Owens-Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.

Engineer—H. J. Brunner, Sharon Bldg., San Francisco.

Low Bidder—P. J. Walker Co., 607 Sharon Bldg., San Francisco.

## CONTRACT AWARDED

LOS ANGELES, Calif.—Escherich Bros., 234 W. 37th Place, Los Angeles, will build a 1- and part 2-story reinforced concrete class D and C warehouse and warehouse building, 150 x 250 feet in area, at Sunrise and Clarence Streets, Los Angeles, for the Western Shade Cloth Co.; cost, \$110,000 W. L. Risley, architect, 220 S. Westmoreland Ave. The following sub contracts have been awarded: Excavation, Miller Transportation Co.; cement, Riverside Cement Co.; drilling, Bertram Drilling Co.

## 5—FLATS

Working Drawings Completed  
FLATS Est. Cost, \$14,000  
SAN FRANCISCO. W. line of 48th Ave., near Sutro Heights.

Two-story frame and stucco flat building (two 5-room flats), asbestos shingle roof, forced hot water circulating system, wood sash, hardwood floors, tile baths, etc.

Owner—A. Puccinelli.  
Architect—Albert H. Larsen, 333 Kearny St.  
Contractor—Edward Cornblum, 2204 47th Ave.

Preparing Preliminary Plans  
FLATS Est. Cost, \$11,000  
SAN FRANCISCO. Pacific Heights.

Two-story flat building containing two 5-room flats; modernistic architecture.  
Owner—Withheld.  
Architect—Albert H. Larsen, 333 Kearny St.

## 6—GARAGES &amp; SERVICE STATIONS

Contract Awarded  
SERVICE STATION Est. Cost, \$.....  
SAN FRANCISCO. Duboce and Market Streets.  
New steel gasoline service station.  
Owner—Standard Oil Co. of Calif.

225 Bush St.  
Plans by Engr. Dept. of Owner.  
Contractor—Barrett & Hilp, 918 Harrison St.

Frank F. Goodman, 1466 33rd Ave., awarded separate contract for wiring, and A. Ramazzotti, 1473 Vallejo St., awarded contract for piping and plumbing.

Contract Awarded  
SERVICE STATION Est. Cost, \$.....  
SAN FRANCISCO. California and Scott Streets.

New gasoline service station.  
Owner—Union Oil Co. of California, Mills Tower, San Francisco.

Plans by Engr. Dept. of Owner.  
Contractor—Hilp & Pfeffer Iron Works, 1415 Harrison St.

## 7—FEDERAL BUILDINGS

## BIDS WANTED

SAN FERNANDO, Los Angeles Co., Cal.—Until Feb. 1, 1930 p.m., bids will be received by the Veterans' Administration 764 Arlington Bldg., Washington D. C., for Infirmary Bldg No 41, to be built at the Veterans' Administration Facility, San Fernando.

It will be a three-story and basement reinforced concrete structure (206 x 56 ft.) and will provide 110 beds. Estimated cost, \$300,000.

Work will include roads, walks, grading and drainage, excavating, reinforced concrete, brickwork, slate stair treads, marble work, terrazzo, floor and wall tile, linoleum, compressed asphalt tile, waterproofing, metal work, steel stairs, steel shelving, tile and built-up roofing, metal studs, metal lathing, plastering, carpentry, insulation, acoustical treatment, metal weatherstrips, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, electric dumb-waiters, outside service connections, etc.

Separate bids will be received for (1) General Construction, including Plumbing, Heating and Electrical Work; and (2) Electric Elevator and Dumb-waiters.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif.; no deposit required. \* 7

## BIDS WANTED

BAKER, Ore.—Until Dec. 30, 1930 a.m., bids will be received by the Branch, Washington, D. C., for insect screens in the U. S. Post Office at Baker.

Drawings and specifications may be obtained from the above office and from the Custodian of the building at Baker.

## CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Cal.—Frank Hutter, 4636 Pacific Avenue, Vernon, at \$258, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for plaster panels at the Santa Monica Post Office. \* 7

## CONTRACT AWARDED

SAN DIEGO, Cal.—E. H. Gray, 1805 S. Market St., San Diego, at \$210.00, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for painting the interior woodwork in the Senior Med-

ical Officers' Quarters at the U. S. Quarantine Station, San Diego. 7

BIDS OPENED

SAN DIEGO, Cal.—West Coast Gas Engine Co., 312 W. Market St., San Diego, at \$861 submitted only bid and recommended for award of contract to the Public Works Officer, 11th Naval District, San Diego, under Spec. 8605, for repairs to refrigerating plant in Bldg. No. 4, at the Naval Hospital, San Diego. 7

BIDS OPENED

TERMINAL ISLAND, Los Angeles Co., Cal.—Lebhus Curtis, 111 West Seventh St., San Pedro, at \$11,106.90 submitted low bid and was recommended for award of contract to the Public Works Officer, 11th Naval District, San Diego, under Spec. N. 8636, for driving foundation piles for Airplane Hangar at 11th Naval District (Reeves Field), Terminal Island, Los Angeles Harbor.

Other bids were C. B. Tuttle, Wilmington, \$1,433; and Southern California Roads Co., Los Angeles, at \$3,300.

BIDS OPENED

HUNTINGTON PARK, Los Angeles Co., Cal.—H. V. Taylor, 124 East 21st St., Long Beach, at \$113, submitted low bid to the Procurement Division, Public Buildings Branch, Washington, D. C., for handrails at the U. S. Post Office at Huntington Park.

Other bids were: Washington Ornamental Iron Works, Los Angeles, \$130; Usoma Mfg. Co., St. Louis, Mo., \$138; Newman Bros., Cincinnati, O., \$168; Rochet Bronze Works, Los Angeles, \$177; J. Ogden Markel, Santa Ana, \$192; A. J. Bayer Co., Los Angeles, \$208. 7

Complete Bids

REMODEL P. O. Cost, \$ PASADENA, Los Angeles Co., Calif. E. Colorado St. and Garfield Ave. Remodeling and additions to the U. S. post office.

Owner—United States Government. Architect—Marston & Maybry, 25 S. Encino Ave., Pasadena. Low Bidder—James I. Barnes, Wilhoit Bldg., Springfield, Mo., \$216,400.00.

Bids were received with the following alternates: (a) deduct; (b) add; and (c) add or deduct.

Complete bids follow: James I. Barnes, Springfield, Mo., \$216,400; (a) \$2,700; (b) \$600 Sarver & Zoss, Inc., Los Angeles, \$221,700; (a) \$2,900; (b) \$1,325; (c) add \$568.

MacDonald Const. Co., St. Louis, Mo., \$231,428; (a) \$1,300; (b) \$1,735. Fred F. Greenfield Co., Los Angeles, \$241,300; (a) \$1,400; (b) \$1,320; (c) deduct \$114.

R. E. Campbell, Los Angeles, \$259,150; (a) \$1,100; (b) \$1,200; (c) add \$700. Atlas Const. Co., Pasadena, \$260,000.

E. F. Wopschall, Pasadena, \$271,150; (a) \$2,225; (b) \$1,070; (c) \$1,500. Schuler & McDonald, Inc., Oakland, \$281,773; (a) \$2,920; (b) \$1,345; (c) deduct \$2,100.

Bids Wanted — To Close Jan. 25

POST OFFICE Est. Cost, \$74,000 PACIFIC GROVE, Monterey Co., Cal. United States Post Office. Owner—U. S. Government. Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

EQUIPMENT APPROVED

SALINAS, Monterey Co., Calif.—Treasury Dept approved the following equipment award for the con-

struction of a lawn sprinkler system at the U. S. Post Office at Salinas: Scott Co., Inc., contractor; Quick-coupling valve, Thompson Mfg. Co.

Site Selected

POST OFFICE Cost, \$4,500 CANOGA PARK, Los Angeles Co., Cal. NW corner Sherman Way and Jordan Ave.

Post Office site (110x170-ft.) Owner—United States Government. Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C. Property submitted by Effie Wells and C. F. Dais.

BIDS OPENED

BREMERTON, Wash.—J. R. Payne 615 Warren Ave., Bremerton, at \$325 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for concrete retaining wall for the U. S. post office at Bremerton.

Other bids were: R. J. Frost, Silverdale, Wash., \$351. Henry L. Grohne, Dectaur, Ill., \$667. 7

Low Bidders

OFFICERS' & N. C. O. QUARTERS HICKAM FIELD, T. H. Construct and complete 42 sets of N. C. O. Quarters (37 buildings), estimated cost, \$352,000; 39 sets of Field and Company Officers' Quarters (39 buildings), estimated cost, \$599,000, together with all utilities thereto.

Owner—U. S. Government (Captain H. E. Nurse, Constructing Quartermaster).

Plans prepared by Office of Quartermaster General, Constructing Division, Washington, D. C. Low Bidder—Robert E. McKee, 1128 Central Bldg., Los Angeles, \$802,000.00.

Bids were received as follows: Item (1) NCO Quarters; Item (2) Field and Company Officers' Quarters; Item (3) Combined price for Items (1) and (2).

Three low bids received at Fort Mason, San Francisco, follow: Robert E. McKee, Los Angeles, (1) \$311,000; (2) \$509,000; (3) \$802,000. MacDonald Const. Co., St. Louis, Mo., (1) \$324,240; (2) \$855,000. Eser-Wikholm, Ltd., Los Angeles; (1) \$26,400; (2) \$538,000. Tucker-McClure, Los Angeles, (3) \$853,190.

Only two bids were received at Hickam Field, Honolulu, totals of which follow: Wm Willis, Seattle, (3) \$898,000. E. E. Black, Ltd., Honolulu, (3) \$899,000.

Complete bids will be published shortly.

8— CLUB BUILDINGS

Plans Being Figured—To Close December 29, 2 P. M.

CLUB HOUSE Est. Cost, \$10,000 SANTA CRUZ, Santa Cruz Co., Cal. Mission Street Club house, containing auditorium, stage, lounge, kitchen, storage space, etc.

Owner—Santa Cruz Women's Club (Mrs. Geo. P. Butler, Chairman). Architect—C. J. Ryland, Carmel and Monterey.

Plans are being figured by a selected list of contractors.

Contracts Awarded

TEMPLE Cont. Pr. Approx \$46,188 LODI, San Joaquin Co., Calif. East Pine Street.

Two-story Class C Masonic Temple to contain lodge rooms and offices. Owner—Lodi Masonic Lodge.

Architect—Frank V. Mayo, 931 North Eldorado St., Stockton. Structural Engineer—R. H. Cooley, Builders' Exchange Bldg., Oakland.

Contractor—C. Elves Totten, 40 S. San Joaquin St., Stockton. Lodi Plumbing & Heating Co., 119 N. Sacramento St., Lodi, at \$4,100 awarded contract for heating and ventilating and at \$5,300 for plumbing work.

Sengstacken Electric, 218 W. Oak St., Lodi, at \$3,775 awarded contract for electric work.

Above awards subject to approval of the Grand Lodge Committee on Finance.

9— HOSPITALS

CONTRACT AWARDED

ELDRIDGE, Sonoma Co., Calif.—Walter S. Leland Co., Walnut Creek, at \$21,387, awarded contract by the State Architect, Geo. B. McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 400-hp. boiler at the Sonoma State Home, at Eldridge.

CONTRACT AWARDED

SPADRA, Los Angeles Co., Cal.—R. G. Meyler, 408 S. Spring St., Los Angeles, at \$17,907, awarded contract by the State Architect, George B. McDougall, Public Works Building, Sacramento, for furnishing and installing one 250-hp. boiler at Pacific Colony, Spadra.

CONTRACTS AWARDED

AGNEW, Santa Clara Co., Cal.—Dan Caputo, 401 Illinois Ave., San Jose, at \$5,292, awarded contract by the State Architect, Geo. B. McDougall, Public Works Bldg., Sacramento, for an addition to the refrigerator plant at Agnew State Hospital, Oakland Refrigeration & Butchers Supply Co., 1622 E. 12th St., Oakland, at \$7,964, awarded contract for refrigeration.

CONTRACT AWARDED

ELDRIDGE, Sonoma Co., Calif.—Campbell Const. Co., 800 E. St., Sacramento, at \$29,615 awarded contract by the State Architect, Geo. B. McDougall, Public Works Bldg., Sacramento, for a water treatment plant at the Sonoma State Home at Eldridge.

Segregated Bids Wanted—To Close

January 10, 11 A. M. ISOLATION WARD Est. Cost \$27,500 MARTINEZ, Contra Costa Co., Calif. Addition of an isolation ward to accommodate 12 patients at south end of present County Hospital.

Owner—County of Contra Costa. Architect—E. Geoffrey Bangs, 580 Market St., San Francisco, and Keith O. Narbett, 474 31st St., Richmond.

Plans and specifications will be available shortly at Mr. Bangs' office and Mr. Narbett's office upon deposit of \$25.00.

Contract Awarded

HOSPITAL Cont. Pr., \$56,447 SOAP LAKE, Wash. One and two-story fireproof hospital building.

Owner—State of Washington. Architect—G. A. Pehrson, Old National Bank Bldg., Spokane.

Contractor—J. H. Harruff, E. 533 Herov, Spokane.

Low Bidder—J. H. Harruff, E. 533 Herov, Spokane—\$56,447.

Wells & Wade, Wenatchee, at \$18,605, awarded contract for plumbing and heating, and NePage McKinney, Seattle, at \$3,874, awarded contract for electric work.

**12— POWER PLANTS**

**Contract Awarded**  
**CHENEY** Est. Cost, \$9,380  
**OAKLAND, Alameda Co., Cal.** 1st and Grove Sts.  
 Concrete chimney.  
 Owner—Pacific Gas & Elec. Co., 245 Market St., San Francisco.  
 Plans by Engrg. Dept. of Owner.  
 Contractor—C. C. Moore & Co., 450 Mission St., San Francisco.

**BIDS WANTED**

**ALTURAS, Modoc Co., Calif.**—Until January 4, 10 a. m., bids will be received by the Surprise Valley Electrification Corp. for the construction of a brick and concrete power plant building, together with the necessary foundations to support machinery and equipment to be furnished by others, near Alturas.  
 Plans and specifications may be obtained from Allan Sickler, Box 161, Alturas, or M. E. Prescott, Secretary of the Surprise Valley Electrification Corp.  
 Bids must be accompanied by a certified check or bidder's bond of 5% of bid, payable to the Surprise Valley Electrification Corp.

**13— PUBLIC BUILDINGS FIRE HOUSES & JAILS**

**BIDS WANTED**

**VENTURA CO., Cal.**—Until Dec. 27, 2 p. m., bids will be received by the State Dept. of Public Works, Division of Highways, at the office of the District Engineer, 808 State Bldg., Los Angeles, for a truck shelter to be built at El Rio Maintenance Station, between Ventura and Oxnard, Ventura County. \* 13

**Bids In—Held Under Advertisment**

**ENTRANCE, ETC.** Cost, \$ 10,000  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.  
 Construction of certain entrances and appurtenant work to be installed in the outer walls of Palaces 5 to 14, inclusive, and the construction of wall from the South Tower west to the Air Terminal Building.  
 Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush Street.  
 Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.  
 Announcement shortly.

**Bids Wanted — To Close January 10, 9:00 A. M.**

**CITY HALL** Est. Cost, \$20,000  
**LAWDALE, San Mateo Co., Calif.**  
 NW Cor. El Camino Real and Jewell Ave.  
 New one-story and basement frame City Hall building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage, tile roof, stucco finish, wood sash, gas-steam radiators.  
 Owner—City of Lawndale.  
 Architect—Resing & McGuinness, 488 Pine St., San Francisco.  
 Plans and specifications may be obtained at the architect's office on deposit of certified or cashier's check in the amount of \$20.  
 Bids will be opened at the temporary city hall at Lawndale, and must be accompanied by certified check or bid bond in the amount of 5% of bid.  
 Following have taken out plans:  
 J. Bettancourt, 422 San Anselmo Ave., San Francisco.  
 De Luca & Son, Inc., 1745 Filbert St., San Francisco.  
 H. H. Larsen Co., 64 South Park, San Francisco.  
 Frank J. Reilly Co., 6350 Fulton

St., San Francisco.  
 Horace F. Fellows, 163 Vista Grande Ave., Daly City.  
 Peter Sartorio, 369 Pine St., San Francisco.  
 Robert McCarthy, 1363 14th Ave., San Francisco.  
 W. C. Akard, 225 Cervantes Blvd., San Francisco.

Additional plans and specifications will not be available until about December 21.

**Bids Wanted — To Close January 4, 2:00 P. M.**

**OFFICE BLDG.** Cost, \$ 10,000  
**MARYSVILLE, Yuba Co., Calif.**  
 One-story wood frame office building with wood sash and tile roof, for the Highway Patrol, Department of Motor Vehicles.  
 Owner—State of California.  
 Architect—State Architect, Geo. B. McDougall, Public Works Bldg., Sacramento.

Plans and specifications may be obtained from the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of \$25. Bids must be accompanied by cash, cashier's or certified check payable to the Director of Public Works, in the amount of 10% of bid.

**Low Bidder**  
**ENTRANCE, ETC.** Cost, \$ 10,000  
**YERBA BUENA SHOALS.** Site of the 1939 World's Fair.

Construction of certain entrances and appurtenant work to be installed in the outer walls of Palaces 5 to 14, inclusive, and the construction of wall from the South Tower west to the Air Terminal Building.  
 Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush Street.  
 Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

**Low Bidder**—E. T. Lesure, 87 Ross Circle, Oakland—\$39,424.

**Bids Opened**

**PRODUCTS TERMINAL BLDG.**  
**SAN FRANCISCO, Calif.** Berry St. bet. Third and Embarcadero.  
 Approx. 18,000 sq. ft. foundations for an addition to the Products Terminal Building. Work will include grading, pile driving and concrete work. Bids will be asked later for construction of the building. Original plans called for construction of a third story to existing building, but now call for an addition in back of present building.  
 Owner—State of California (Board of Harbor Commissioners), Ferry Building.  
 Engineer—Frank G. White, Ferry Building.  
**Low Bidder**—Monson Bros., 475 6th St., San Francisco—\$48,748.  
 Complete bids follow:

Monson Bros.	\$48,748
De Luca & Son, Inc.	53,440
Healy-Tibbets Constr. Co.	56,874
A. Nelson, Inc.	58,398
A. W. Kitchen & Co.	58,679
M. B. McGowan, Inc.	60,618
Dunsmuir Hardware Co.	61,999
Subley Grading & Teaming Co.	61,916.87
Ben C. Gerwick, Inc.	62,110
Clinton Constr. Co.	64,200

Bids referred to the PWA.

**Bids Wanted — To Close January 10, 9 A. M.**

**CITY HALL** Est. Cost, \$20,000  
**LAWDALE, San Mateo Co., Cal.**  
 New one-story and basement frame City Hall building to contain courtroom, city clerk's office, health department, police department, post office, jail and garage, tile roof, stucco finish, wood

sash, gas-steam radiators.  
 Owner—City of Lawndale.  
 Architect—Resing & McGuinness, 418 Pine St., San Francisco.  
 Plans and specifications may be obtained at the architect's office on deposit of certified or cashier's check in the amount of \$20.  
 Bids will be opened at the temporary city hall at Lawndale.

**Bids Wanted—To Close December 15, 7:30 P. M.**

**ADDITION** Cost, \$ 10,000  
**PACIFIC GROVE, Monterey Co., Cal.**  
 Addition of new wing to the city library building (lecture rm., storeroom, children's rooms, etc.)  
 Owner—City of Pacific Grove (Erwin James, city manager).  
 Architect—C. J. Ryland, Carmel and Monterey.

As previously reported, plans and specifications may be obtained from the architect's office, 136 Bonifacio Place, Monterey, upon deposit of \$10. Bids must be filed with City Clerk Eltin C. Huribut and will be opened in the city hall.

Following have taken out plans:  
 Wm. F. Sweeney, 863 Lighthouse Ave., Pacific Grove.  
 John H. Clark, P. O. Box 824, Monterey.  
 Elmo and Vassallo, P. O. Box 181, Monterey.  
 Geo. H. Schuyler, 500 Spruce Ave., Pacific Grove.  
 Richard Chivers, 226 Laurel Ave., Pacific Grove.  
 Chas. M. Hall, 413 Walnut St., Pacific Grove.

**Sub Contracts Awarded**

**CITY HALL** Cont. Pr., \$34,973  
**WILLIAMS, Colusa Co., Cal.** Corner E and Eighth Sts.  
 Two-story reinforced city hall bldg. to contain administrative office and fire department.  
 Owner—City of Williams.  
 Architect—Stange & Flanders, Bank of America Bldg., Sacramento.  
 Contractor—Adam Arras & Son, 4094 15th St., San Francisco.  
**Linoleum**—Higgins Co., 1930 Van Ness Ave., San Francisco.  
**Reinforcing Steel**—Sonic Steel Co., 1750 Army St., San Francisco.  
**Electric Work**—Rex Moore, 516 San Antonio Way, Sacramento.  
**Painting**—Lee Dixon Co., Ltd., 18 Eureka St., S. F.  
**Heating & Plumbing**—F. W. Spencer & Son, 2529 Anza St., S. F.  
**Mill Work**—Sierra Mill & Lbr. Co., P. O. Box 28, Sacramento.  
**Roof and Roofing Tile**—Pacific Roofing & Insulation Co., 1800 15th St., Sacramento.  
**Tile Work**—H. O. Adams, 911 26th St., Sacramento.  
**Glass**—W. P. Fuller, 1725 10th St., Sacramento.  
**Sheet Metal**—Geo. A. Wieland, 1133 Howard St., S. F.  
**Ornamental Iron**—L. Schaffer & Co., 356 10th St., S. F.  
**Lathing & Plastering**—E. Dietlin, 920 Faxon Ave., S. F.  
**Steel Sash**—Detroit Steel Products Co., 111 Sutter St.  
**Window Screens**—Parker-Carpenter, Inc., 606 Mission St., S. F.  
**Concrete Aggregates** Pacific Coast Aggregates, Inc., 55 2nd St., San Francisco.

**CONTRACT AWARDED**

**HUNTINGTON BEACH, Orange Co., Cal.** Anso Constr. Co., 2725 Atlantic, Long Beach, awarded contract for driving piles for a beach pavilion and civic auditorium to be built in Huntington Beach for the City of Huntington Beach. Brunzell & Jacobson, 2150 Princeton Ave., Los Angeles, general contractors. A. R. Walker & P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, archi-

ects; E. A. Evans, 1006 Pacific Commerce Bldg., Los Angeles, structural engineer. 13

#### BIDS WANTED

LOS ANGELES, Calif.—Until Dec. 27, 2 p.m., bids will be received by the Dept. of Public Works, Division of Highways, Room 808, State Bldg., Los Angeles, for painting shop buildings at the Division of Highways Shop Yards, in North Hollywood.

Plans on file at above office. Bids must be accompanied by cash or certified check payable to the Director of Public Works in the amount of 10% of bid.

Bids will be received as follows:  
Item I: 200 sq. yds. prime coat;  
Item II: 10,000 sq. yds. paint coat.

**Contract Awarded**  
**FIREHOUSE** Cont. Pr., \$5,950  
ASHLAND TWP., Alameda Co., Cal., near Hayward.

Frame firehouse.  
Owner—County of Alameda.  
Architect—James W. Plachek, 511 Mercantile Bank Bldg., Berkeley.  
Contractor—Arthur Holyoake, 2839 E Avenue, Hayward.

Complete bids follow:  
Arthur Holyoake, Hayward..... \$5,950  
A. Frederick Anderson, Oakland..... 6,198  
Mark Bristol, Oakland..... 6,661  
D. Nordstrom & Co., Oakland..... 6,739  
W. C. Tait, S. F..... 6,769  
Jensen & Pedersen, Oakland..... 6,884  
Frank A. Stead, Berkeley..... 7,188

#### CONTRACT AWARDED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend Street, at \$335, awarded contract by the Department of Public Works, City Hall, for installing approx. 1700 sq. ft. of Johns-Manville asphalt tile flooring in basement room and vestibule of Sunset Branch Library, 18th Ave. and Irving St.

#### CONTRACT AWARDED

SAN FRANCISCO.—Charles M. Bailey Co., 667 Folsom Street, awarded contract by the Department of Public Works, City Hall, for furnishing and connecting two regulators with necessary valves and fittings on oil burner at present installed at the Civic Center Power House.

#### CONTRACT AWARDED

SAN FRANCISCO.—Ocean Shore Iron Works, 559 Eighth St., at \$349.11 awarded contract by the Department of Public Works, City Hall, for repairs to receiving tank in the Civic Center Power House, McAllister and Larkin Streets.

#### BIDS OPENED

SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at \$2,997 submitted low bid to the Department of Public Works, City Hall, for replacing ball bearings with sleeve bearings of gearless elevators Nos. 1 and 5, City Hall.

Only other bid submitted by Westinghouse Electric Elevator Co. at \$3,121.00

#### BIDS OPENED

SAN FRANCISCO.—Schrader Iron Works, Inc., 1247 Harrison St., at \$4,250 submitted low bid on Proposal No. 1 and no bid on Proposal No. 2, to Department of Public Works, City Hall, for construction of Identification Font House on the Hall of Justice, Kearny Street.

Only other bid submitted by Soule Steel Co. at \$4,845 on Proposal No. 1 and \$7,926 on Proposal No. 2.

## 14—RESIDENCES

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
ORINDA, Alameda Co., Cal.

Two-story frame and stucco residence and garage.

Owner—Withheld.  
Architect—Miller & Warnecke, 1700 Financial Center Bldg., Oakland.  
Low Bidder—Jensen & Pedersen, 3443 Adelaide St., Oakland.

**Working Drawings Completed**  
**RESIDENCES** Cost, \$7,000 each  
SAN FRANCISCO. S. Noriega St., East of 42nd Ave.

Four one-story frame and wood siding residences (5 rooms each), hardwood floors, tile baths, wood sash, forced hot air heating system, etc.

Owner—Golden Gate Investment Co.  
Architect—Albert H. Larsen, 333 Kearny St.  
Contractor—Edward Cornblum, 2204 47th Ave.

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
SAN FRANCISCO. E. Temescal Terr., 30 ft. N. Golden Gate Ave.

Two-story and basement frame residence.

Owner and Builder—Oliver M. Rouseau, 321 Kearny St.  
Architect—Not Given. \* 14

**Owner Taking Segregated Bids**  
**RESIDENCE** Cost, \$6,000  
NORTH BERKELEY, Alameda Co., Cal. Willamette and Highland Streets.

Two-story frame and stucco residence (6 rooms) shingle roof, tile baths, hardwood floors, etc.

Owner—F. R. Swanson, 672 The Arlington, Berkeley.  
Architect—J. B. Anthony, 3252 Lakeshore Ave., Oakland.

**Completing Working Drawings.**  
**RESIDENCE** Cost, \$6,000  
SANTA ROSA, Sonoma Co., Calif.

Two-story frame and stucco residence (7 rooms, 2 baths) shingle roof, hardwood floors, tile baths, basement furnace.

Owner—L. G. Hitchcock, c/o Architect.  
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

**Completing Plans**  
**RESIDENCE** Cost, \$.....  
LODI, San Joaquin Co., Calif.

One-story frame and shingle residence (7 rooms) shingle roof, hot air heating system, wood sash, hardwood floors, tile baths.

Owner—Clinton Henning.  
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.  
Upon completion of plans the owner will take segregated bids.

**Low Bidder**  
**RESIDENCE** Cost, \$.....  
SANTA ROSA, Sonoma Co., Cal.

One-story frame and stucco residence (5 rooms), hardwood floors, linoleum bath, wood sash, shake roof, plaster interior, two-car garage.

Owner—C. W. Douglas, c/o Architect.  
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

Low Bidder—C. L. Personett, 731 Santa Rosa Ave.

**Contract Awarded**  
**ALTERATIONS** Cost, \$15,000  
SAN FRANCISCO. NE Van Ness & Golden Gate Ave.

Alter rooming house and garage.  
Owner—M. H. Crowe, SW Bush and Franklin Sts.

Architect—O. A. Deichman, 321 Bush Street.

Contractor—L. A. Hinson, 756 Fourth Ave. \* 14

**Working Drawings Completed**  
**RESIDENCES** Cost, \$5,500 each  
SAN FRANCISCO. Innes St., near Mendell St.

Two one-story frame, stucco and wood siding residences (5 rooms each), asbestos shingle roof, hardwood floors, tile baths, gas hot air heating system.

Owner—A. Herron.  
Architect—Albert H. Larsen, 333 Kearny St.  
Contractor—M. A. Little & Co., Inc., 107 24th Ave.

December 14, 1937

**Preparing Preliminary Plans**  
**RESIDENCE** Cost, \$6,000  
SAN FRANCISCO. Visitation Valley.

One-story and basement frame residence (5 rooms) hardwood floors tile bath, wood sash, etc.

Owner—Withheld.  
Architect—A. H. Larsen, 333 Kearny.

**Completing Working Drawings**  
**RESIDENCES** Cost, \$8,000 each  
SAN FRANCISCO. Fernwood Dr.

Two frame and wood siding residences (5 rooms each) shingle roofs, hardwood floors, tile baths. Owner and Builder—Paul A. Wolter, Jr., 90 Ravenswood Drive.

Architect—A. H. Larsen, 333 Kearny. Plans are completed on one residence.

**Segregated Bids Wanted**  
**RESIDENCE** Est. Cost, \$10,000  
MORAGA ESTATES, Contra Costa County, Calif.

One-story frame and wood residence (8 rooms), plaster interior, composition and shingle, or composition and shingle tile roof, hardwood floors, linoleum baths, wood sash.

Owner—Withheld.  
Architect—Marshall Dean & John Hudspeth; Marshall Dean, Architect, 2101 Addison St., Berkeley.

Segregated bids on all portions of the work are now being received by the architect.

#### CONTRACT AWARDED

LOS ANGELES, Calif.—Wm. C. Warmington, 8330 W. 3rd St., Los Angeles, will build a two-story ten-room residence at 1500 Summit Ridge, West Los Angeles, for Arthur Taylor Wallace Neff, architect, 5927 Franklin Ave. Cost, \$30,000. 14

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$6,000  
SAN FRANCISCO. W. Temescal Terr., 190 ft S Turk St.

Two-story and basement frame residence.

Owner & Builder—Oliver M. Rouseau, 321 Kearny St.  
Architect—Not Given. 14

**To Be Done By Day's Work**  
**RESIDENCE** Cost, \$10,000  
SAN FRANCISCO. N. San Felipe, 136 ft. E San Jacinto St.

Two-story frame residence.  
Owner & Builder—Delaney & Wilson, 1343 22nd Ave.

Architect—Not Given. \* 14

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
OAKLAND, Alameda Co., Cal.

Two-story frame residence (6 rooms).  
Owner—A. M. Walker, 2905 Lincoln Ave., Alameda.

Architect—Not Given.  
Contractor—Geo. Duncan, 2523 78th Ave. 14

**Contract Awarded**  
**ALTER RESIDENCE** Cost, \$.....  
**SAN FRANCISCO**, Richmond District.  
 Alterations and additions to residence.  
**Owner**—Withheld.  
**Architect**—Sidney A. Colton, 18 Rico Way.  
**Contractor**—G. P. W. Jensen & Sons, Inc., 320 Market St.

**Preparing Working Drawings**  
**RESIDENCE** Est. Cost, \$10,000  
**MORAGA ESTATES**, Contra Costa County, Calif.  
 One-story frame and stucco residence (8 rooms).  
**Owner**—A. T. Anderson, c/o architect  
**Architect**—Irwin M. Johnson, 2219 Seventh Ave., Oakland.  
 (5670) 1st report Nov. 9, 1937. 14

**Contract Awarded**  
**RESIDENCE** Cost, \$.....  
**SANTA ROSA**, Sonoma Co., Calif.  
 One-story frame and stucco residence (5 rooms), hardwood floors, linoleum bath, wood sash, shake roof, plaster interior, two-car garage.  
**Owner**—C. W. Douglas, c/o Architect.  
**Architect**—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.  
**Contractor**—C. L. Peronetti, 731 Santa Rosa Ave., Santa Rosa.

**Preparing Plans**  
**RESIDENCE** Est. Cost, \$10,000  
**SAN LEANDRO**, Alameda Co., Cal.  
 Two-story frame and stucco residence (6 rooms), Spanish architecture, tile roof, etc.  
**Owner**—Wilbur Fratis, c/o Architect.  
**Architect**—Irwin M. Johnson, 2219 7th Ave., Oakland.  
 Preliminary sketches have been approved.

**Plans Being Figured—Bids Close**  
 December 22, 2 P. M.  
**CONVENT BLDG.** Est. Cost, \$20,000  
**SAN JUAN BAUTISTA**, San Benito Co., Calif.  
 Maryknoll Convent.  
**Owner**—Bishop of Monterey - Fresno Counties.  
**Architect**—Morrow and Morrow, de Young Bldg., San Francisco.  
 F. C. Stolte Co., 1405 San Antonio Ave., Alameda, is figuring plans and desires sub-bids on all portions of the work not later than Dec. 21.  
 Plans are being figured by a selected list of contractors.

**To Be Done By Day's Work**  
**RESIDENCES** Cost, Two at \$4000 ea  
 Four at \$6000 ea  
**SAN FRANCISCO**, W. Temescal Terrace, S of Turk St.  
 Six one- and two-story frame and stucco residences.  
**Owner & Builder**—Oliver M. Rouseau, 321 Kearny St.  
**Architect**—Not Given. 14

**Preparing Working Drawings**  
**RESIDENCE** Est. Cost, \$4,000  
**EL PORTAL**, Alameda Co., near Hayward.  
 One-story frame and stucco residence (5 rooms), hardwood floors, single roof.  
**Owner**—Portal Oaks Co.  
**Architect**—Marshall Dean and John Hudspheth; Marshall Dean, Architect, 2104 Addison St., Berkeley.  
 Plans will be figured by a selected contractor.

**Preparing Plans**  
**RESIDENCE** Est. Cost, \$6,500  
**OAKMOORE**, Alameda Co., Waterhouse Road.  
 One and one-half story frame and

stucco residence (6 rooms).  
**Owner**—W. Schoettler, c/o Architect.  
**Architect**—Irwin M. Johnson, 2219 7th Ave., Oakland.

**15— SCHOOLS**

**BIDS WANTED**  
**DAVIS**, Yolo Co., Calif.—Until Jan. 31, 11 A. M., bids will be received by the Regents of the University of California, Berkeley, for (1) floor covering and (2) gymnastic and swimming pool equipment for the gymnasium under construction at the University Farm, Davis.  
 Plans and specifications may be obtained from the Cashier's Office, California Hall, University of California, Berkeley, upon deposit of \$10 (7850) \* 15

**BOND ELECTION PLANNED**  
**Sausalito**, Marin Co., Calif.—The City of Sausalito School District is planning to vote bonds in the near future in the amount of \$30,000, proceeds to finance reconstruction of the Central and South Schools.  
 Preliminary plans prepared by Architect Walter T. Steilberg, 1 Orchard Lane, Berkeley. \* 15

**CONTRACT AWARDED**  
**LONG BEACH**, Los Angeles Co., Cal.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, awarded contract by the Long Beach Board of Education, at \$110,310, for reconstructing the auditorium building at the Woodrow Wilson High School. The award was based on the main bid of \$109,760 and alternate No. 3, adding \$550 if broadcasting facilities are used. \* 15

**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—Jones Bros., 9430 Santa Monica Blvd. Beverly Hills, at \$37,300, awarded contract by Los Angeles Board of Education, for reconstructing and altering main building at the Coronel School, 725 Wilson St. Work includes strengthening bearing walls, found, concrete converting auditorium into two classrooms. Plans were prepared by the architectural section of the board; A. S. Niebecker, Jr., architect. 15

**BIDS OPENED**  
**SAN FRANCISCO**—Patterson and Koster Iron Works, Inc., 218 13th St., at \$92,400 submitted low bid to the Department of Public Works, City Hall, for folding gate to be installed in the corridor of the Visitacion Valley School, Schervin Street between Leland and Visitacion Avenues.  
 Other bids were Michel & Pfeiffer, \$134, and Anchor Post Fence Co., \$261.

**CONTRACT AWARDED**  
**SAN FRANCISCO**—Anchor Post Fence Co., 160 Fifth St., at \$98,900, awarded contract by the Department of Public Works, City Hall, for furnishing and installing chain link fence at Marine Junior High School, Fillmore Street between Bay and Chestnut Street.

**New Bids Wanted — To Close Dec. 24, 2 P. M.**  
**COURTLAND HALL** Cost, \$.....  
**COURTLAND**, Sacramento Co., Calif., one-story frame and stucco assembly building with balcony to seat 500, composition roof, stage equipment, etc., at Courtland High School.  
**Contractor**—Portland Joint Union High School District.  
**Architect**—Charles F. Dean, California State Life Bldg., Sacramento.  
**Engineer**—F. W. Keilberg, 329 Market St., San Francisco.

Plans and specifications obtainable at the Architect's office upon deposit of \$25.  
 Bids will be opened in the principal's office at the Bates Union Grammar School.  
 Bids received Dec. 3 were rejected because of the failure of low bidder to sign his bid, upon decision of District Attorney.  
 Peterson Constr. Co., 1708 Q Street Sacramento, at \$22,546, submitted previous low bid.

**Plans Completed**  
**MUSIC BLDG** Cost, \$.....  
**COLUSA**, Calif.  
 One-story frame and stucco music building at the Colusa High School, four practice rooms, library, instrument room, composition roof.  
**Owner**—Colusa Union High School District.  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento.

Plans have been completed and are now in Sacramento awaiting approval of State Division of Architecture.

**Completing Plans**  
**SCHOOL** Cost, \$120,000  
**CASTLE ROCK**, Wash.  
 Two-story school building (approximately 148 x 83 ft.), with one-story wing (approximately 60 x 100 ft.), remodel and repair existing school buildings.  
**Architect**—Donald J. Stewart, 707 1/2 Main St., Vancouver, Wash.  
 Plans will be forwarded shortly to PWA for approval. 15

**Low Bidders**  
**ADDITIONS**  
**DUPONT**, Wash.  
 Remodel the present school and add three additions.  
**Owner**—School District 7, Pierce Co. Architect—Wm. Mallic, 330 Lyon Bldg., Seattle.  
 Low Bidder—M. H. Marker, 1937 1/2 Fawcett St., Tacoma—\$62,900  
 Advance Plumbing & Heating Co., 131 Pacific St., Tacoma, at \$18,104 submitted low bid for plumbing and heating.

**Contract Awarded**  
**SCHOOL** Cont. Pr., \$92,614  
**FRUITRIDGE**, Sacramento Co., Cal.  
 One-story frame school building containing 14 classrooms and assembly room with stage, lavatories, office, waiting room, nurses' rm., teachers' rm., and kitchen; wood-shingle roof, stucco walls, heating, floor area of 26,849 sq. feet.  
**Owner**—Fruitridge School District  
**Architect**—Chas. F. Dean, California State Life Bldg., Sacramento  
**Structural Engineer**—F. W. Keilberg, 320 Market St., San Francisco  
**Contractor**—Otto Steinbrenner, 2146 Perkins Way, Sacramento  
 Complete bids published December 7, 1937.

**Contract Awarded**  
**SCHOOL** Cont. Pr., \$61,614  
**PORTLAND**, Ore.—SE Ramona St.  
 One-story frame school bldg. (19, x 96 ft.), including auditorium (28 x 50 ft.)  
**Owner**—Gilbert School District  
**Architect**—James & Marsh, Woodlark Bldg., Portland  
**Contractor**—B. T. Allen, 371 Woodlark Bldg., Portland

**Foundation Plans Approved**  
**ITTNER COLLEGE** Cost, \$100,000  
**SAN FRANCISCO**—Phelan College Avenues 37-nineteenth  
 San Francisco Junior College

Owner—City & County of San Francisco.

Architect—Miller and Pflueger, 580 Market St., and John Baur, 251 Kearny St.

Plans are now being completed on the first unit, a 3-story reinforced concrete science building (80x50 ft.) with 35 classrooms, 28 administrative and teachers' offices, 10 laboratories, and cafeteria to accommodate 1500 in basement. Estimated cost of first unit is \$693,000.

Foundation plans, for which separate bids will be asked, have been approved by the Board of Education and bids will be asked shortly. Est. cost of foundations, \$25,000. (9800) 1st report June 5; 4th, Oct. 22, 1937. 15

#### LOW BIDDER

ANAHEIM, Orange Co., Cal.—W. J. Esser, 3711 Cerritos Avenue, Long Beach, submitted low bid to Anaheim Elementary School District, and was awarded contract at \$39,275, subject to PWA approval, for construction of a shop and cafeteria building at the John C. Fremont school in Anaheim. Marsh, Smith & Powell, architects, 508 Architects' Bldg., Los Angeles. 15

#### LOW BIDDER

MONTEBELLO, Los Angeles Co., Cal.—Louis A. Gelsler, 6212 Middleton, Huntington Park, submitted low bid to Montebello Unified School District, Dec. 6, at \$138,609, for construction of classroom and administration units at the Montebello Jr. High School and at the Eastmoor Jr. High School, a PWA project. T. J. Kisiner, architect, 412 Architects' Bldg., Los Angeles. 15

#### Contract Awarded

SCHOOL Cont. Pr., \$70,888 GRANTS PASS, Oregon.

One-story frame and brick veneer elementary school building.

Owner—School District 12 (Lillia Fosberry, Clerk), Grants Pass. Architect—William Laing, U. S. Bank Bldg., Medford.

Contractor—Sig Ash, 3544 SE Milwaukee, Portland. 15

#### CONTRACT AWARDED

OJAI, Ventura Co., Calif.—Hansen & Iser, 1276 E. Main St., Ventura, awarded contract by Nordhoff Union High School District at \$17,996 (subject to PWA approval) for reconstruction of auditorium at the high school in Ojai. Roy C. Wilson and Geoffrey N. Lawford, architects, Say Road, Santa Paula; Manley Sahlberg, structural engineer, Architects' bldg., Los Angeles. 15

#### Contract Awarded

SCHOOL Cont. Price, \$89,000 TAFT, Kern Co., Calif.

Ford City School (1-story, frame and stucco construction, 4 classrooms, combination gymnasium-auditorium with stage, offices, dressing rooms, etc.

Owner—Taft School District. Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield. Structural Engineer—Mark Falk, Washington Bldg., Los Angeles. Contractor—Henry Eisler, 2229 18th St., Bakersfield. 15

#### BIDS WANTED

ESCONDIDO, San Diego Co., Cal.—Until Dec. 31, 3 P. M., bids will be received by Escondido Union High School District for a combination auditorium-gym-cafeteria building to be built at Escondido high school, a PWA project. It will be a one-story and part basement structure, 109x180 ft. in area, with reinf. concrete walls, steel roof trusses, composition

roofing, cement and hardwood floors, steel sash, movable bleachers, steam heat with blowers. Est. cost, \$110,000. Plans may be obtained from Architect Wm. P. Lodge, 521 B St., room 509, San Diego, upon deposit of \$25.

#### Sub-Contracts Awarded

SCHOOL Cont. Pr., \$10,355 SNEILING, Merced Co., Calif.

Two-room school bldg. on the school site.

Owner—Snelling School Dist., Merced County.

Architect—Johnson & Wethered; A. C. Johnson, Architect, Sir Francisco Drake Hotel, San Francisco. Civil Engineer—W. E. Bedesen, Merced.

Contractor—Chas. Laughman, Turlock.

Plumbing and Sheet Metal—Hansen's Electric, Peatth St., Modesto.

Roofing—Valley Asbestos & Supply Co., Modesto.

Electric Wiring—R. E. Nolander, P. O. Box 124, Turlock.

Glass—Valley Glass Co., 2220 Inyo St., Fresno.

Concrete—L. W. Terrell, 221 9th Ave., Turlock.

Lumber—Turlock Supply Co. 15

#### LOW BIDDER

LONG BEACH, Cal.—Duff & Vandenhoozen, 733 W 14th Street, Long Beach, submitted low bid to Long Beach Board of Education at \$109,760 for reconstructing the auditorium building at Woodrow Wilson high school. W. H. Austin, architect, 532 Chestnut Ave., Long Beach. 15

#### LOW BIDDER

LOS ANGELES, Cal.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, submitted low bid to Los Angeles Board of Education at \$37,200 for reconstructing and altering the main building at Coronel school, 725 Wilson St. Plans were prepared by the architectural section of the board. A. S. Nibecker, Jr., architect. Sub-contractors named by the low bidder were: Demolition, Emco Concrete Cutting Corp.; sheet metal, T. F. Bazzani; miscellaneous steel, Pennsylvania Iron & Steel Co.; reinforcing steel, Blue Diamond Corp. Ltd.; lathing and plastering, Harris & James; roofing, Permanent Roofing Co.; painting, Knaas Bros.; plbg. and htg., W. D. Kraemer; elec. work, Cooper & Williams; blackboards and cork carpets, American Seating Co.; tile, Premier Tile & Marble Co. 15

New Bids Wanted—To Close December 30, 8 P. M.

#### HIGH SCHOOL

POINT ARENA, Mendocino Co., Cal. One-story frame and stucco high school with composition roof, to contain two classrooms, commercial department, home economics room, physics and chemistry laboratory, agriculture room, library and auditorium to seat 300.

Owner—Point Arena Union High School District.

Architect—Clarence Calkins, Rosenberg Bldg., Santa Rosa.

Plans and specifications may be obtained from the Architect's office upon deposit of \$15.

Bids will be opened in the Principal's office at the Point Arena High School.

Bids received Nov. 22 were rejected; A. O. Lightfoot, Upper Lake, at \$57,800, submitted previous low bid.

Bids Wanted—To Close December 22, 8 P. M.

SCHOOL Cost, \$90,000 KERN COUNTY, Calif.

New 10-room brick and concrete elementary school building and caf-

eteria addition (brick facing, tile roof, wood partitions, metal lath, maple & linoleum-covered floors, steam heat, architectural terra cotta, insulation, staff work, steel windows, stucco, tile work, wall-board, waste moulds, waterproofing, plaster interior finish, etc.).

Owner—Beardsley School District.

Architect—Symmes & Willard; Stanton Willard, architect, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications may be obtained from the architect's office upon deposit of \$25.00.

Bids will be opened at the Beardsley School.

#### Sub Contracts Awarded

SCHOOL BLDG. Cont. Pr., \$55,400 CAMPBELL, Santa Clara Co., Calif.

First unit (gymnasium only) of addition of four school buildings to Campbell High School to consist of a two-story main high school building and a one-story auditorium, a gymnasium building and a shop building, landscaping, fencing, paving and construction of six tennis courts.

Owner—Campbell Union High School District.

Architect—H. H. Weeks, 593 Market St., San Francisco.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.

Glass and Glazing—Haberst and Howlett, 529 Clay St., S. F.

Plumbing, Heating and Sheet Metal—A. J. Peters & Son, 455 Washington St., San Jose.

Shades—Gill-Mann Co., 160 Second St., San Francisco.

Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.

Backstops—Munthe Equipment Co., 841 Howard St., San Francisco.

Electric Work—Guilbert Bros. Electric Co., 286 W. Santa Clara St., San Jose.

Mill Work—Pacific Mfg. Co., Santa Clara.

Window Fixtures—Dalmo Sales Corporation, 511 Harrison St., San Francisco.

Roofing—C. L. Frost, 165 Webster St., Monterey.

Tile Work—Simpson Tile Co., 46 W. Washington St., San Jose.

Structural Steel—Schrader Iron, Inc., 1247 Harrison St., San Francisco.

Reinforcing Steel—San Jose Steel Co., Inc., 1344 The Alameda, San Jose.

Finish Hardware—Marshall-Nowell Supply Co., Spear and Mission Streets, San Francisco.

Maple Floors—Aetna Hardwood Floor Co., 951 Buchanan St., S. F.

#### CONTRACT AWARDED

GORMAN, Los Angeles Co., Cal.—

J. S. Ray, 920 W. 10th St., Lancaster, at \$27,458, awarded contract by the

Qual Lake School District for the construction of a one-story school building at Gorman. Richard M.

Bates, Jr., architect, 3870 Wilshire Blvd. 15

#### Sub Contracts Awarded

ADDITION Cont. Pr., \$31,450 BUTTONWILLOW, Kern Co., Calif.

Addition of three classrooms and toilet additions, concrete walls, wood trusses, tile roof.

Owner—Buttonwillow Union School District.

Architect—Symmes & Willard, Stanton Willard, Architect, 215 Haberfelde Bldg., Bakersfield.

Contractor—J. N. Harvey, Rt. 2, Box 309-A, Bakersfield.

Roofing and Tile Work—O. W. McNary, 1669 1/2 Chester St.

Plumbing—C. E. Abbott, Orland.

Electric Wiring—Advance Electric Co., 909 18th St.

Heating—Wilson Sheet Metal Works, 1019 19th St.  
**Hardwood Floors**—O. W. Newman, 1713 Second St.  
**Iron Grille Work**—F. W. Kimball.  
**Lumber**—Bakersfield Bldg. Materials Co., 15 Kentucky St.  
**Painting**—DeArmond & Wagner, 416 Quinley St.  
**Lathing and Plastering**—Charles D. Conklin, 120 Pacific St.  
**Limeoil**—McNaul & Baxter, 2231 Union Ave.  
 All of Bakersfield unless otherwise stated.

**Contracts Awarded**  
**ADDITION** Cont. Price, \$13,212  
**FRESNO**, Fresno County, Calif.  
 Three brick toilet buildings, one at the Daily School, one at Franklin School and one at Fremont School.

**Owner**—City of Fresno School District (L. L. Smith, Secretary).  
**Architect**—F. L. Swartz Brix Bldg., Fresno.  
**Contract**—Harris Construction Co., 577 McKinley, Fresno.  
**Frank Hudson**, 2141 S. Van Ness, Fresno, at \$5,700 was awarded contract for plumbing work.

Three low bidders follow:  
**General Work**  
**Harris Construction Co.**, Fresno, \$13,212  
**Ericson & House**, Fresno, 13,592  
**T. C. & W. H. Irwin**, Fresno, 13,741  
**Plumbing**  
**Frank Hudson**, Fresno, \$5,700  
**Barrett-Hicks Co.**, Fresno, 6,424  
**V. J. Cox**, Fresno, 6,645

**Bids Wanted — To Close January 3, 2-00 P. M.**  
**SCHOOL** Cost, \$181,818  
**MT. VERNON**, Wash.  
 Three-story school building (62 x 223 ft.), with wing (15 x 81 ft.).  
**Owner**—Mt. Vernon School District, Skagit Co. (J. A. Reeve, Supt.).  
**Architect**—N. Torbett, 401 Lloyd Bldg., Seattle. 15  
**PWA Docket 1350.** 15

**Contract Awarded**  
**ADDITION** Cont. Pr., \$12,400  
**KERN CO.**, Calif.  
 Addition to the Fairfax School.  
**Owner**—Fairfax School District.  
**Architect**—Symmes & Willard; Stanton Willard, Architect, 215 Haberfeld Bldg., Bakersfield.  
**Contractor**—Hubbard & Sons, Fairfax.  
**F. A. Greenough**, Bakersfield, at \$12,994, submitted second low bid.

**CONTRACT AWARDED**  
**EL MONTE**, Los Angeles Co., Cal.  
 —W. W. Petley, 1426 S. La Brea Ave., Los Angeles, awarded contract by El Monte School District, at \$197,226, for two new grammar schools, one to be built in the northeast part of El Monte and the other in the southwest section of the city. PWA projects. Worswick & Culver, 22 Fuller Bldg., San Bernardino, architects; G. W. Miller, 311 Architects' Bldg., Los Angeles, structural engineer. 15

**Sub Contracts Awarded**  
**GYM & POOL** Cont. Pr., \$99,953  
**WATSONVILLE**, Santa Cruz Co., Calif. Watsonville High School.  
 One-story reinforced concrete gym (to house manual training shop, music room, boys' and girls' shower and dressing rooms, lockers and practice rooms, etc.), and pool.  
**Owner**—Watsonville Union High School District.  
**Architect**—Harold H. Weeks, 593 Market St., San Francisco.  
**Contractor**—Central California Construction Co., Inc., 115 Burrows St., San Francisco.  
**Concrete and Excavations**—Granite Construction Co., Ltd., Bin No. 9,

Watsonville.  
**Structural Steel**—Independent Iron Works, 821 Pine St., Oakland.  
**Painting**—Patterson Bros., 573 Santa Rosa Ave., Berkeley.  
**Electric Wiring**—Norman A. Russell, 822 College Ave., Santa Rosa.  
**Plumbing and Heating**—Scott Co., Inc. 243 Minna St., San Francisco.  
**Mill Work**—Pacific Mfg. Co., Santa Clara.  
**Glass and Glazing**—W. P. Fuller Co., 301 Mission St., San Francisco.

**AWARD APPROVED**  
**SAN BERNARDINO CO.**, Calif.—Bakker & Robinson, 732 D St., San Bernardino, have been awarded a contract by the San Bernardino High School District at \$131,690, for construction of commercial and cafeteria buildings at the senior high school, 18th and E Sts., San Bernardino; a PWA project. PWA has approved award, and work has started. E. Chas. Parks, architect, 1 Fuller Bldg., San Bernardino. 15

**CONTRACT AWARDED**  
**NATIONAL CITY AND CHULA VISTA**, San Diego Co., Cal.—Hunt & Curry, Broadway Bldg., San Diego, awarded contract by Sweetwater Union High School District, at \$143,386 (subject to PWA approval), for construction of a domestic science-cafeteria-classroom building, a manual arts building and a physical education building at the National City Junior High School, and domestic science-cafeteria building, a manual arts building and a physical education building at the Chula Vista Junior High School. Kistner & Curtis, 412 Architects' Bldg., Los Angeles, and 675 Spreckels Bldg., San Diego, architects. 15

**CONTRACT AWARDED**  
**GUASTI**, San Bernardino Co., Cal.—Bakker & Robinson, 732 D St., San Bernardino, awarded contract at \$45,992, for construction of a 1-story classroom building at Guasti for the Piedmont School District, a PWA project. H. L. Gogerty, architect, 6272 Yucca St., Hollywood. 15

**New Bids Wanted — To Close December 28, 2 P. M.**  
**SCHOOL ADDITION**  
**SANTA CLARA CO.**, Calif. Cambrian School District.  
 Addition of an auditorium to the Cambrian Grammar School.  
**Owner**—Cambrian Union Elementary School District.  
**Architect**—Binder & Curtis, 25 West San Carlos St., San Jose.  
 Plans and specifications may be obtained at the architect's office.  
 Bids will be opened at the Cambrian School and must be accompanied by certified check of 10% of bid, payable to Mr. M. H. Farnham, Chairman of the School Board.  
 Bids received previously were rejected. Bert Ward & Son, San Jose, at \$14,025, submitted low bid.

**Contract Awarded**  
**SCHOOL** Cont. Pr., \$12,886  
**MONTREY CO.**, Calif. Buena Vista School District  
 One-story frame school building (two classrooms, coat and lunch rooms, two work rooms, teacher room, janitor's room, boys' and girls' toilets).  
**Owner**—Buena Vista School District.  
**Architect**—Chas. E. Butler, 7 Wigham St., Salinas.  
**Contractor**—Albert Staton, 429 Front St., Salinas.

**CONTRACT AWARDED**  
**MONTBELLLO**, Los Angeles Co., Cal. Louis A. Keisler, 6212 Middle-

ton, Huntington Park, awarded the contract by the Montebello Unified School District, at \$138,609 (subject to PWA approval), for construction of reinforced concrete classroom and administration units at the Montebello Junior High School and at the Eastmont Junior High School. T. C. Kistner, architect, 412 Architects' Bldg., Los Angeles. 15

**10—BANKS, STORES AND OFFICES**

**Contract Awarded**  
**OFFICE BLDG.** Est. Cost, \$104,750  
**SAN FRANCISCO**. Block bounded by 15th, 16th, Carolina and De Haro Streets.  
 Two-story class C office building and warehouse (400 x 148 ft.), second story at one end only 148 x 66 ft. along 400-ft. side; concrete walls, wood posts and girders, wood roof sheeting, composition roof, steel windows, etc.  
**Owner**—Braun-Knecht-Helmann Co., 584 Mission St.  
**Architect**—W. F. Day and H. M. Michelson, 405 Montgomery St.  
**Contractor**—Cahill Bros., 206 Sansome St.

**Contract Awarded**  
**TELEPHONE EXCHANGE BLDG.** Cost, \$.....  
**SALINAS**, Monterey Co., Calif. Paljaro St., between East San Luis and Alisal Streets.  
 Two-story and basement steel frame and fireproof telephone exchange building to house new central office equipment.  
**Owner**—Pacific Telephone & Telegraph Co. (N. W. Black, local manager).  
 Plans by Engr. Dept. of Owner.  
 Monson Bros., 475 Sixth St., San Francisco, awarded contract for excavation, driving of piling, foundation work, and erection of steel.

**PLANS BEING FIGURED**  
**LOS ANGELES**, Cal.—Until Dec. 21, 4:30 P. M., Allied Properties, 439 S. Hill St., are taking bids from a selected list of contractors for remodeling and adding one-story (40 x 50-ft.) to a two-story store and apt. bldg. at 5472-76 Wilshire Blvd. for themselves. Cost, \$30,000. Following will submit bids: Robt. Millapp, 437 S. Hill St.; Harman & Co., 4540 Custer St.; Harry W. Marshall, 633 1/2 N. Western Ave.; Harry E. Wright, 1201 S. Bronson Ave.; R. Wescott Co., Inc., 1931 N. Main St.; C. W. Driver, Inc., 111 W 7th St. 16

**Contract Awarded**  
**ALTERATION** Est. Cost, \$5,000  
**SAN FRANCISCO**. SE Fulton and Gough Streets.  
 Alterations to one-story and mezzanine store and shop building; brick work and lumber.  
**Owner**—Reed Tire Co.  
**Architect**—D. E. Jackie, 126 Post St., San Francisco.  
**Contractor**—Central California Construction Co., Inc., 115 Burrows Street.

**Being Done By Day's Work**  
**ALTERATIONS** Est. Cost, \$5,000  
**SAN FRANCISCO**. 206 Sansome St.  
 Alter 5th floor of building into approximately 12 offices (metal studs and lath partitions, Philippine mahogany trim, rubber tile floors in corridor, paint and stiple walls, marble bases, etc.)  
**Owner**—Insurance Center Building  
**Architect**—Jos. L. Stewart, 206 Sansome Street  
 Segregated bids were received by the architect and work is now underway.

New Bids Wanted—To Close Dec. 28, 8 P. M.

ADDITION Cost, \$  
SANTA CLARA CO., Calif. Cambrian School District.

Addition of an auditorium to Cambrian Grammar School.

Owner—Cambrian Union Elementary School District.  
Architect—Binder & Curtis, 25 West San Carlos St., San Jose.

As previously reported, plans and specifications may be obtained at the architect's office upon deposit of \$10.

Bids will be opened at the Cambrian School and must be accompanied by certified check of 10% of bid, payable to Mr. M. H. Farnham, Chairman of the School Board.

Following have taken out plans:  
Bert Ward & Son, 1139 Lincoln Ave., San Jose.  
Bridges Const. Co., 1398 Lincoln Ave., San Jose.  
J. C. Monk & Son, 45 Tait Ave., Los Gatos.

Contract Awarded  
REMODEL BANK  
SAN FRANCISCO 16th & Mission Streets.

Remodel present bank building.  
Owner—Anglo California National Bank of San Francisco.  
Architect—W. W. Wurster, 260 California St., San Francisco.

Engineer—Wm. Adrian, 417 Market St.

Contractor—Jacks & Irvine, 620 Market St.

Contract Awarded  
ALTERATIONS & ADDITIONS  
Cost, \$9,070

FRESNO. 923 China Alley.  
Alterations and additions to building.  
Owner—The Bing Kong Benevolent Association, Frem.

Architect—Edward Glass, Mattel Bldg., Fresno.

Contractor—P. B. Younger, 518 Clinton Ave., Fresno. \* 16

PLANS BEING FIGURED  
ORANGE, Calif.—Until Dec. 13th.

Santa Fe Railroad Co., Kerckhoff Bldg., Los Angeles, is taking general contract bids from a closed, selected list of contractors for a new frame and stucco passenger depot (40 x 120 ft.) to be built in Orange.

Contract Awarded  
STORE BLDG. Cost, \$135,000  
BURLINGAME, San Mateo Co., Cal.

1808 Burlingame Ave., bet. Primrose Rd and El Camino Real.

Three-story, basement and mezzanine, reinforced conc. and brick store building (approximately 55 x 140 ft.).

Owner—Mrs. May E. Bridge, San Francisco.

Lessee—Montgomery, Ward & Co., Civil Engineer—Robert F. Roe.

Plans by Eng. Dept. of Lessee, Chicago Office.

Manager of Construction—J. C. Douglas, Oakland.

Contractor—H. H. Larsen, 64 South Park San Francisco.

Plans Completed  
OFFICE BLDG. Est. Cost, \$7,000  
SANTA ROSA, Sonoma County, Cal.

One-story reinforced concrete store building (80x50 ft.) tile roof.

Owner—Mr. Clark, civil architect.  
Architect—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

General bids will be received by the architect in about one week.

Bids In—Held Under Advisement  
REMODEL BANK  
SAN FRANCISCO 16th and Mission Streets.

Remodel present bank building.  
Owner—Anglo California National

Bank of San Francisco.  
Architect—W. W. Wurster, 260 California St., San Francisco.  
Announcement shortly.

Bids Opened  
OFFICE BLDG. Cost, \$.....  
CAMPBELL, Santa Clara Co., Cal.

One-story brick office building.  
Owner—Withheld.  
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.

Low Bidder—Carl N. Swenson Co., 355 Stockton Ave., San Jose—\$9,583.

Complete bids follow:  
Carl N. Swenson Co., San Jose—\$9,583  
John M. Schirle, San Jose—9,800  
A. M. Jensen, Los Gatos—9,844  
W. M. Caldwell, San Jose—9,944  
R. H. Sund, Los Gatos—10,050  
E. Nommensen, San Jose—10,178  
Nielsen & Erbenbraut, San Jose—10,183

BIDS WANTED  
LOS ANGELES, Calif.—National

Paint & Varnish Co., 1950 E. First St., is taking both general and segregated bids for a 1-story and mezzanine brick factory and office bldg. (90 x 160 ft.) to be built on Washington Blvd., near Soto St., for themselves. Estimated cost, \$40,000. W. E. Chadwick, structural engineer, 321 Union League Bldg., Los Angeles.

Preparing Plans  
BUSINESS BLDG. Cost, \$.....  
KENTFIELD, Marin Co., Cal.

One-story frame building to house business offices, reception room, toilet room, etc.

Owner—Withheld.  
Architect—W. W. Wurster, 260 California St., San Francisco.

PLANS COMPLETED  
LOS ANGELES, Cal.—Austin Co., 777 E. Washington Blvd., has completed plans and will start work the latter part of this month on the construction of a large building on the north side of Sunset Blvd. between Vine and Argyle Sts., for National Broadcasting Co. It will be three-story and part one-story in height, of Class A and Class C construction, and will cover an area of 350x240 ft. It will contain four auditoriums and four small studios; reinforced concrete walls, architectural conc. exterior, composition roofing, air conditioning system, sound insulation materials, structural steel.

The building will cost approximately \$500,000.00 and the furnishings and equipment an additional \$500,000.

To Be Done By Day's Work  
MERCANTILE BLDG. Cost, \$15,000  
SAN FRANCISCO, NE 7th St., 75 ft. SE Brannan St.

One-story Class C mercantile building.

Owner & Builder—O. R. & F. W. Schrader, 1247 Harrison St.

Architect—Not Given. \* 14

Bids In—Under Advisement  
ALTERATIONS Cost, \$5,000—\$6,000  
SAN FRANCISCO SE Fulton and Gough Sts.

Alterations to one-story and mezzanine store and shop building; brick work and lumber.

Owner—Reed Tire Co.  
Architect—D. E. Jaekle, 126 Post St.

Announcement shortly.

17— THEATRES  
COMPLETING PLANS  
BAKERSFIELD, Kern Co., Calif.—

Architects Wilson, Merrill & Alexander, 714 Olympic Blvd., Los Angeles, are completing plans for a new one-story reinforced concrete class A 800-seat theater to be built on the site of the Nile Theater, Bakersfield, for

a client; Fox West Coast, Los Angeles, Cost, \$100,000. The present theater is to be demolished. Bids will be taken next week from a selected list of contractors. \* 17

MATERIALS APPROVED  
COLUSA, Calif.—Treasury Department approved following building material and equipment awards for the construction of the U. S. Post Office at Colusa, Geo. Goedhart, general contractor; Oil burner for hot water heater, William Oil-O-Matic Heating Corp.; angle radiator valves, Jas. P. Marsh Corp. \* 17

18— WHARVES & DOCKS  
Contract Awarded  
EXTEND PIER. Cont. Pr., \$108,372  
PORT OF OAKLAND, Alameda Co., Calif. Ninth Ave. Terminal.

Extension of existing outer wharf improvements in the area between the Apron Wharf, now under construction, and the concrete bulkhead wall. A connection will be made to the Apron Wharf so as to provide a continuous and complete wharf of creosoted piles and timbers 112 ft. wide and 530 ft. long, forming a continuous wharf with the Apron Wharf of the existing 9th Ave. Pier. Also construct approximately 94,000 sq. ft. of 10-in. oil macadam roadways in rear of wharf extension.

Owner—Oakland Port Commission, foot of Grove St., Oakland.

Plans by Engrg. Dept. of Owner.  
Contractor—Healy-Tibbitts Constr. Co., 1 Drumm St., San Francisco.

CONTRACT AWARDED  
SAN FRANCISCO, E. Gordon

Painting Co., 141 Morris St., at \$1223, submitted low bid and was awarded contract to the State Board of Harbor Commissioners, Ferry Bldg., for whitewashing Pier 24.

Other bids were: Aristo Painting Co., at \$1236, and Industrial Painting Co., at \$1275. \* 18

19—MISC. CONSTRUCTION  
BIDS OPENED  
LOS ANGELES.—Kellogg Switchboard & Supply Co., Chicago, Ill., at \$23,482.97, submitted low bid to the Metropolitan Water District, under Spec. 248, for telephone equipment for the Colorado River Aqueduct pumping plant.

Bids were taken as follows:

(1) furnishing and installing telephone equipment for Intake pumping plant, lump sum;

(2) furnishing and installing telephone equipment for Gene pumping plant, lump sum;

(3) furnishing and installing telephone equipment for Iron Mountain pumping plant, lump sum;

(4) furnishing and installing telephone equipment for Eagle Mountain pumping plant, lump sum;

(5) furnishing and installing telephone equipment for Hayfield pumping plant, lump sum.

Total bids follow:  
Kellogg Switchboard & Supply Co., Chicago, Ill., (1) \$3258, (2) \$7604, (3) \$4053, (4) \$3942, (5) \$3942; use tax, \$683.97; total, \$23,482.97.

American Automatic Elec. Sales Co., Ltd., Chicago, Ill.—(1) \$5995.59, (2) \$9895.39, (3) \$207.10, (4) \$6207.10, (5) \$6207.10; use tax, \$1035.37; total, \$35,547.65. \* 19

Sub-Contracts Awarded  
CREMATORIUM, ETC.  
Estimated Cost, \$20,000  
SONOMA CO., Cal. Near Santa Rosa  
Hearn Ave. and Redwood High-



way.  
**Crematorium, columbarium and mausoleum.**  
 Owned by Withheld.  
**Architect**—Lazer Nushbaum, 9 Geary St., San Francisco.  
**Contractor**—Wm. D. Rapp, 1413 17th St., Santa Rosa.  
**Roofing**—W. D. Rapp, 1413 17th St.  
**Plumbing**—Geo. Mitchell, 513 3rd St.  
**Electric Wiring**—L. A. Drake, 513 3rd Street.  
**Sheet Metal**—Ed. Holtz Sheet Metal Works, 411 3rd St.  
**Glass and Lumber**—Henry Luis Lbr. Co., 8th and Wilson Streets.  
**Painting**—C. W. Sullberg & Son, 606 Speer Street.  
 All of Santa Rosa. \*

**BIDS OPENED**  
**SACRAMENTO, Calif.**—Olympian Dredging Co., 249 First St., San Francisco, at \$2988, submitted only bid to the U. S. Engineer Office, 295 Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-143, for removing and disposing of the barge, "Kentucky," sunk in the Sacramento River. \* 19

**CONTRACT AWARDED**  
**ALAMOSO, Colo.**—The Driscoll Construction Co., Pueblo, Colo., at \$98,074.94, was awarded contract by The San Luis Valley Rural Electrification Company, William L. Johnson, Superintendent, Center, Colorado, for the construction of 136 mi. of distribution lines. \*

**BIDS OPENED**  
**SACRAMENTO, Cal.**—P. A. Hart, Sacramento, at (A) \$17.50 shift (total \$1750) and (B) \$3.90 hour (total \$1,890) submitted only bid to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-141, for the use of a tow boat; (A) for 100 shifts when operated by contractor on 8-hour operating basis; (B) 40 hour when operated by contractor on hourly basis; job Sacramento. \* 19

**BIDS WANTED**  
**POINT REYES, Marin Co., Calif.**—As previously reported, until Dec. 22, 11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. No. 8560, for repairs and improvements at the U. S. Naval Direction Field Station, Point Reyes. Est. cost, \$6,150.  
 The work involves: refencing of a spring; replacement of catchbasin at the spring; replacement of cattle watering trough and piping about 1600 ft. of 1½-in. galv. pipe line, 30 g.p.m. DC motor-driven centrifugal pump, about 650 ft. of parkway cable, new fire hydrant and miscellaneous repairs to water pipes and tanks.  
 Plans and specifications may be obtained from the above office upon deposit of \$5.00. \*

**CONTRACT AWARDED**  
**OAHU, T. H.—M. W. Moody, Honolulu,** at \$34,750 was awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 5331, for the construction of an electric generating plant, including gasoline engine driven generator sets, switchboard, gasoline and water tanks and shelter for equipment, at the Area Naval Reservation, Oahu. \* 19

**Bids Wanted — To Close December 27, 2:00 P. M.** Est. \$174,700  
**SWIM POOL**  
**SEATTLE, Wash.** University of Washington campus.  
 Men's swimming pool, 75 ft. long, 42 ft. wide, providing six 7-ft. lanes.

1000 spectator seats, locker rms., shower baths, heating and cleaning equipment included in plans.  
**Owner**—Board of Regents, University of Washington (Herbert T. Condon, Secretary).  
**Architect**—Bebb & Gould, 715 Hoge Bldg., Seattle.  
 Plans and specifications may be obtained at the architect's office upon deposit of \$25.  
 Separate bids will be received as follows: (1) General contract work, \$110,700; (2) plumbing and heating work, \$34,000; and (3) electric wiring work, \$31,000. \* 19

**BIDS WANTED**  
**LOS ANGELES, Cal.—Until Dec. 23, 11 A. M.** Union Passenger Terminal (A J Barclay, construction superintendent, 726 N. Alameda St.), is taking bids for electric wiring for the main station buildings under construction on Alameda St., between Aliso and Macy Streets, for the Santa Fe, Union Pacific and Southern Pacific railroads. This specification does not include ornamental and standard light fixtures, bids for which will be taken later. \* 19

**BIDS OPENED**  
**LOS ANGELES, Calif.**—Following are bids received by the Los Angeles Water & Power Purchasing Agent, under Spec. No. 2453, for fencing.  
 Bids were taken as follows:  
 (1) fencing mats for enclosing Dept property at Victorville Switching Station:  
 (a) 1250 ft chain link fencing fabric;  
 (b) 135 posts;  
 (c) 10 gate and corner posts;  
 (d) 1450 ft top and terminal brace rail;  
 (e) 1500 ft coil spring steel wire;  
 (f) 2 double leaf swing gates, 5 ft high, 16 ft opening;  
 (g) one single leaf swing gate, 5 ft high, 31-ft opening;  
 (h) one double leaf sliding gate, 5 ft high, 5-ft opening;  
 (i) 2 sets fittings;  
 (2) fencing mats for enclosing Dept property at Silver Lake Switching Station:  
 (a) 1400 ft chain link fencing fabric;  
 (b) 140 posts;  
 (c) 10 gate and corner posts;  
 (d) 1500 ft rail;  
 (e) 1500 ft wire;  
 (f) 3 double leaf swing gates, 5 ft high, 16 ft opening.  
 Bids were taken for trucks Dept's warehouse, 1630 N. Main St. and job delivered. Spec. No. 2453.  
 The bids were:  
 Calif. Hardware Co.—(a) \$112.50 (31); (b) \$112.50 (cars); (d) \$1163 (cars); (e) \$192 (cars); add for erection; (f) Colorado Fuel & Iron mine—net, deliv 21 da.

Williams-Spencer Steel Co.—(1a) \$17.71; (2a) \$20.95, no bids (1b) and (2b) add for erection, none; Wisco brand 1/2 in. x 1 1/2 in. deliv 15 da.  
 Southern Calif. Fence Co.—(1a) \$129; (2a) \$135; (2a) \$142; (2b) \$129; (2b) \$135; (2c) \$293;  
 Spec. No. 2453, for fence Co make; net; \$145; (2c) \$145; 6 to 7 da.  
 U. S. Portland Cement Co.—(1a) \$104.44; (2a) \$118.44; (2a) \$129.87; (2b) \$129.87; (2b) \$129.87; (2c) \$285; (2c) \$293;  
 U. S. Portland Cement Co.—(1a) \$110.44; (2a) \$118.44; (2a) \$129.87; (2b) \$129.87; (2b) \$129.87; (2c) \$285; (2c) \$293;  
 Pacific Portland Cement Co.—(1a) \$118; (1b) \$118; (1c) \$118; (1d) \$118; (1e) \$118; (1f) \$118; (1g) \$118; (1h) \$118; (1i) \$118; (1j) \$118; (1k) \$118; (1l) \$118; (1m) \$118; (1n) \$118; (1o) \$118; (1p) \$118; (1q) \$118; (1r) \$118; (1s) \$118; (1t) \$118; (1u) \$118; (1v) \$118; (1w) \$118; (1x) \$118; (1y) \$118; (1z) \$118; (2a) \$115.45; (2b) \$115.45; (2a)

\$1139.88; (2b) \$1179.88; erection, (1) \$337.50; (2) \$350; Anchor; net; deliv 15 da; erection, 30 da.  
 Standard Fence Co.—(1a) \$977.62; (1b) \$1020; (2a) \$976.20; (2b) \$1044; erection; (1) \$380; (2) \$400; Cyclone brand; net; deliv 10 da; erection 15 days. \* 19

**20— MISC. SUPPLIES AND MATERIALS**

**BIDS WANTED**  
**LOS ANGELES, Calif.—Until Dec. 22, 3 P. M.** bids will be received by the U. S. Engineer, Los Angeles, for 8,385,000 lbs. of steel reinf. bars for cars at contractor's plant and/or for cars as follows: Items 1a to 8a, Mitchell St. team track, Los Angeles; Items 1b to 8b, West Glendale; Items 1c to 8c, Compton; Items 1d to 8d, North Hollywood. Circ. Prop. 171, Bid bond 10% must accompany bid.  
 The items are:  
 (1a) 290,000 lbs. 1-in. round bars  
 54-11 lengths;  
 (1b) 1,000 lbs. do (29 ft. 6 in. lgths.);  
 (1c) 1,000 lbs. do (same);  
 (1d) 500,000 lbs. do (same);  
 (2a) 2,000,000 lbs. 5/8-in. do;  
 (2b) 600,000 lbs. do;  
 (2c) 1,000 lbs. do;  
 (2d) 1,300,000 lbs. do;  
 (3a) 1,000 lbs. 5/8-in. do;  
 (3b) 1,000 lbs. do;  
 (3c) 1,000 lbs. do;  
 (3d) 200,000 lbs. do;  
 (4a) 710,000 lbs. 1 1/8-in. do;  
 (4b) 38,000 lbs. do;  
 (4c) 1,000 lbs. do;  
 (4d) 100,000 lbs. do;  
 (5a) 930,000 lbs. 1-in. do;  
 (5b) 1,000 lbs. do;  
 (5c) 1,000 lbs. do;  
 (5d) 100,000 lbs. do;  
 (6a) 820,000 lbs. 1-in. square bars;  
 (6b) 60,000 lbs. do;  
 (6c) 1,000 lbs. do;  
 (6d) 1,000 lbs. do;  
 (7a) 120,000 lbs. 1 1/8-in. do;  
 (7b) 1,000 lbs. do;  
 (7c) 1,000 lbs. do;  
 (7d) 1,000 lbs. do;  
 (8a) 600,000 lbs. 1 1/4-in. do;  
 (8b) 1,000 lbs. do;  
 (8c) 1,000 lbs. do;  
 (8d) 1,000 lbs. do.

**BIDS WANTED**  
**LOS ANGELES, Cal. Until Dec. 21, 3 p.m.** bids will be received by U S Engineer, Los Angeles, for 117,000 lbs. fabricated steel and other metal work for steel superstructure and columns for Opechewa Way bridge over Verdugo Way, job destination and/or contractor's shipping point. Bid bond 10% must accompany bid (Circ Prop 173). \* 20

**CONTRACT AWARDED**  
**LOS ANGELES, Cal.**—Bethlehem Steel Co., at \$55,430 (est. total), was awarded contract by the Los Angeles Water & Power Commission, under Spec. 2465 for steel tunnel ribs and spreaders for 42 months.  
 Complete bids follow:  
 Bethlehem Steel Co., 6-in. 20-lb. rib (a) no bid, (b) \$25.54; (c) no bid (a) 30-lb ribs (a) no bid, (b) \$27.64; (c) no bid (a) 20-lb spreader (a) no bid, (b) \$9.92; (c) no bid; deliv 56 da.  
 U. S. Indulated Steel Corp., Ltd. 6-in. 20-lb. H-beam tunnel rib, at job (a) Lone Dome, \$31.92 per set, (b) 1000 dip's truck, bidder's shipping point, \$31.92 per set; (c) job cars (a) 30-lb H-beam tunnel rib, at job \$18.54; (b) \$3.70; (c) \$11.00; 6-in. 20-lb H-beam spreader, at \$14.00; (d) \$12.50; (e) \$13.05; deliv 56 da. (a) 50 da; (b) 50 da; (c) 42 da; not  
 Commercial Shoring & Stamping Co., 6-in. 20-lb H-beam rib (a) no bid, (b) no bid, (c) \$2.71; 6-in. 30-lb

ribs: (a) no bid, (b) no bid, (c) \$31.87; 6-in. 20-lb. spreaders: (a) no bid, (b) no bid, (c) \$7.87; deliv. 42 da.;  $\frac{1}{2}$  of 1 $\frac{1}{2}$ ; 20 da

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 23, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 450,000 lbs. fabricated steel and metal work for steel superstructure for Centinela Ave. bridge over Ballona Creek, f.o.b. destination and/or contractor's shipping point. Bid bond, 10%, must accompany bid. C. Prop. 174.

**BIDS OPENED**

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-142, for furnishing four new pickup trucks.

Bids were taken on:

- (1) 4 new  $\frac{1}{2}$ -ton to  $\frac{3}{4}$ -ton pick-up trucks, 1938 models, fully equipped:
  - (a) f.o.b. U. S. Engineer, Sacto.;
  - (b) f.o.b. railroad cars;
- (2) Allowance on Item 1:
  - (a) Chevrolet pick-up truck, \$2153
  - (b) Chevrolet pick-up truck, \$2155
  - (c) Ford pick-up truck, \$2167.

Total bids follow:

- Universal Motor Co., Sacramento—(1a) \$635.72; total, \$2542.88; (2a) \$210; (2b) \$225; (2c) \$100.
- E. A. Boyd Co., Ltd., Sacramento—(a) \$657; total, \$2628; (2a) \$175; (2b) \$185; (2c) \$145.

General Motors, Chevrolet Division—(1a) \$378.26; total, \$2349.04; (1b) \$574.10; total, \$2296.90.

International Harvester Co., San Francisco—(1a) \$693.40; total, \$2,773.60; (2a) \$210; (2b) \$225; (2c) \$50.

Miller Automobile Co., Sacramento—(1a) \$658.87; total, \$2643.48; (2a) \$175; (2b) \$175; (2c) \$75.

Ellsworth Harrold, Sacramento—(1a) \$673.50; total, \$2694; (2a) \$250; (2b) \$250; (2c) \$100.

Vogel Chevrolet Co., Sacramento—(1a) \$722.05; total, \$2809; (2a) \$225; (2b) \$245; (2c) \$150.

**BIDS OPENED**

LOS ANGELES, Calif.—Following bids were received by the U. S. Engineer, Los Angeles, under Circ. Prop. 152, for furnishing 170,000 pounds of fabricated steel for Santa Monica Airline (P. E. Ry.) bridge over Ballona Creek.

Total bids were:

- Wisconsin Bridge & Iron Co., \$0546 lb.; total, \$9282; fob Milwaukee.
- Minneapolis-Moline Power Implementation Co., \$0593 lb. total, \$10,081; disc.  $\frac{1}{2}$  of 1 $\frac{1}{2}$ ; 10 days. fob Minneapolis.

Consolidated Steel Corp., \$0621 lb.; total, \$10,557; delivery to job site.

Mt. Vernon Bridge Co., \$064 lb.; total, \$10,880. fob Los Angeles; to be delivered to work to job site.

Ingals Iron Works Co., \$0646 lb.; total, \$10,982; fob Birmingham.

Bethlehem Steel Co., \$066 lb.; total, \$11,220; delivered to job site.

Bethlehem Fabricators, \$0778.5 lb.; total, \$13,234.50; delivered to job site.

**BIDS OPENED**

SACRAMENTO, Calif.—Following submitted bids to the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Prop. 1105-38-145, for furnishing and delivering Douglas fir lumber of various sizes; fob shipping point and/or Rio Vista.

Total bids follow:

Neidermeyer - Martin Lumber Co., Portland, \$2619.01; fob Hillsborough, Oregon.

Loop Lumber Co., San Francisco,

\$4258; fob Rio Vista; 2% 30 days.

The Diamond Match Co., Chico, \$3,023.64; fob Lentz, Vancouver and Carlton, Ore.; net.

Cascade Cargo Sales Corp., \$2998.98 fob Tacoma, Everett or Bucoda; 2% 10 days.

Twin Harbors Lumber Co., Seattle \$26,609; fob Pengra, Ore.; 2% ten days.

Santa Fe Lumber Co., San Francisco, \$1941.84; fob Portland and other points; 2% 10, 20 or 30 days.

Noah Adams Lumber Co., Walnut Grove, \$2561.14; fob Lentz Junction and Vancouver; 2% 10 days.

Auburn Lumber Co., Auburn, \$2,650.30; fob Portland; 2% 10 days.

Knox Lumber Co., \$2000; fob Portland; 2% 10 days.

**BIDS OPENED**

LOS ANGELES, Calif.—Following bids were received by the Metropolitan Water District, Los Angeles, under Spec. No. 259, for furnishing 62,300 tons of concrete aggregates for concrete lining for San Jacinto tunnel.

Bids were taken on:

Sched. No. 1—Fob cars at bidder's plant:

- (1) 20,700 tons fine aggregate;
- (2) 41,600 tons coarse aggregate,  $\frac{3}{4}$ - to 2 $\frac{1}{2}$ -in. screen and  $\frac{1}{4}$ - to  $\frac{1}{2}$ -in.,  $\frac{1}{2}$ -in. to 1 $\frac{1}{4}$ -in. and 1 $\frac{1}{4}$ -in. to 2 $\frac{1}{2}$ -in. sizes;
- (3) 62,300 tons unloading and hauling concrete aggregates from San Jacinto siding to district batching plant at west portal of San Jacinto tunnel.

Sched. No. 2—Delivered to district batching plant (Alt. to Schedule No. 1):

- (1) 20,700 tons fine aggregate;
  - (2) 41,600 tons coarse aggregate.
- Total bids were:
- Piru Rock Co., Ltd., Sch. 1: (1) \$0c (2) 75c (3) 45c; total \$71,655; no sales tax; disc. 5%. Sch. 2, no bid.

Consolidated Rock Products Co.: (1) 40c; (2) 60c; (3) 30c; total \$51,930; no disc. Sch. 2, no bid.

San Geronio Rock Products Co.: Sch. 1, no bid. Sch. 2: (4) 97.5c (5) \$1.30; total, \$74,262.50. Shipment from Banning, all trucks; no discount.

Triangle Rock & rGavel Co.: Sch. 1, no bid. Sch. 2: (4) \$1.28; (5) \$1.50; total, \$92,224; plant at San Bernardino; all trucks; disc. 20c ton.

**CONTRACT AWARDED**

SAN FRANCISCO—Wick wire Spencer Steel Co., 101 Townsend St., San Francisco, at \$865.20 was awarded contract by T. A. Brooks, Purchaser of Supplies, 270 City Hall, under Bid No. 1939, for furnishing 804 lb. of 10-ft. chain link tennis fence. 20

**BIDS OPENED**

SAN FRANCISCO—Following submitted identical bids at (1) \$19.78; (2) \$14.71; (3) \$6.44; 2% 10 days, to T. A. Brooks, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 1938, for furnishing galvanized wrought steel pipe: (1) 5000 ft. 2-in.; (2) 2000 ft. 1 $\frac{1}{2}$ -in.; (3) 20,000 ft.  $\frac{3}{4}$ -in.

Northern California Hardware and Steel Co.; Petroleum Equipment Co.; Federal Pipe & Supply Co.; Ducommun Metals & Supply Co.; California Steam Plumbing and Supply Co.; A. I. Mitchell Supply Co.; Pacific Pipe Co.; Key Pipe and Supply Co.; Baker-Hamilton; Pacific Co.; P. E. O'Hair; Sloss & Brittain; Dunham, Carrigan & Hayden Co.; Walworth California Co.; Dalziel Co.; Stephen H. McCabe; Standard Supply Co.; Marshall-Newell Supply Co.; General Machinery & Supply Co.; Tay-Holbrook, Inc.; Grinnell Co. of the Pacific; Richmond Sanitary Co.; Unit-

ed Pipe & Supply Co.; Steam and Plumbing Service Corp.; Pacific Plumbing and Heating Supply Co.; E. E. Newhall Co. and Crane Co. 20

**BIDS OPENED**

INGLEWOOD, Los Angeles Co., Cal.—Following submitted bids to the Inglewood City Council, for furnishing cement, sand and gravel to be used in improvement of Crenshaw Blvd. and Connolly Drive.

Estimated quantities are: (1) 17,100 sacks portland cement; (2) 2585 tons concrete sand; (3) 4420 tons screened gravel.

The bids were:

Riverside Cement Co. and Monolith Portland Cement Co. submitted identical bids at (1) \$2.32 bbl.; disc. \$0.20 bbl.

California Portland Cement Co.—(1) \$2.32 bbl. in cloth sacks, \$2.12 bbl. in paper sacks; disc. \$0.20 bbl. Southern Portland Cement Co.—(1) \$0.58 sack; disc. \$0.05 sack 10th prop.

Azusa Rock & Sand Co., Arrow Rock Co. and Pacific Rock & Gravel Co., bidding jointly—(1) \$0.55, disc. \$0.025 sack 10th prop; (2) \$1.37; (3) \$1.57.

Graham Bros. and Blue Diamond Corp. submitted identical bids at (1) \$0.58; disc. \$0.05 sack; (2) \$1.63; (3) \$1.73; disc. \$0.20 ton.

R. C. Wells—(2) \$1.18; (3) \$1.38; net. 20

**BIDS OPENED**

LOS ANGELES, Cal.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 143, for furnishing 315,000 lb. fabricated steel for Duquesne Avenue bridge over Ballona Creek:

Wisconsin Bridge & Iron Works—\$0,003 lb.; total, \$16,695; f.o.b. Milwaukee; net.

Mt. Vernon Bridge Co.—\$0,004 lb.; total, \$19,025; f.o.b. Birmingham; net.

Minneapolis-Moline Power Implementation—\$0,005 lb.; total, \$19,057.50; f.o.b. Minneapolis; disc.  $\frac{1}{4}$  of 1 $\frac{1}{2}$  20 days.

Bethlehem Steel Co.—\$0,0695 lb.; total, \$21,892.50; delivered to job site; net.

Consolidated Steel Corp.—\$0,072 lb.; total, \$22,680; delivered to job site; net.

Bethlehem Fabricators—\$0,0786 lb.; total, \$24,759; delivered to job site; net. 20

**CONTRACT AWARDED**

LOS ANGELES, Calif.—Wisconsin Bridge & Iron Co., Milwaukee, at \$2990, was awarded contract by U. S. Engineer, Los Angeles, for 65,000 lbs. fabricated steel for Mission Rd. bridge over Alhambra Wash. Circ. Prop. 142. 20

**CONTRACT AWARDED**

YAKIMA PROJ., Wash.—Knoxville Iron Co., Knoxville, Tenn., at \$61,978, was awarded contract by the Bureau of Reclamation, under File No. 33651-A, for 112,000 tons of reinforcing steel for the Roza Division, Yakima Project, Wash. 20

**BIDS OPENED**

TACOMA, Wash.—Hydraulic Supply Mfg. Co., 7500 8th St., Seattle, at \$120,662, for 112,000 tons of reinforcing Pipe Co. 518 NE Columbia Blvd. Portland, at \$1500 (primer and enamel) submitted low bids to the Board of Contracts and Awards, City Hall, Tacoma, for furnishing electric welded steel pipe, fittings and valves. Bids were taken on (1) pipe; (2) valves, and (3) primer and enamel.

Total bids follow:

Hydraulic Supply Mfg. Co., Seattle (1) \$120,862; (3) \$1950.

Western Pipe & Steel Co., San

Francisco, (1) \$153,314; (3) \$1972.  
 Steel Tank & Pipe Co., Portland, (2) \$15,507; (3) \$1900.  
 American Plumbing & Steam Supply Co., Tacoma, (2) \$7690.  
 Chapman Valve & Mfg. Co., Seattle, (2) \$6466.  
 A. P. Smith Mfg. Co., Seattle, (2) \$6220.  
 Pacific Supply Co., Seattle, (2) \$5,582.00.  
 Hugh G. Purcell, Seattle, (2) \$6,134.00.  
 Tacoma Plumbing Supply Co., Tacoma, (2) \$4922.  
 Rensselaer Valve Co., Seattle, (2) \$532.  
 Steel Protection and Chemicals Co., (3) \$1556.00.  
 Waiies, Rove-Hermiston & Hunt & Mottet, (3) \$1589. \* 20

**BIDS OPENED**

**SACRAMENTO, Cal.**—The following submitted bids to the U. S. Engineering Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Circ. Pro. 1105-38-140, for furnishing and delivering miscellaneous castings, as follows:  
 (1) 4-head liner (engine side);  
 (2) 4-head liner (suction side);  
 (3) 4 dredge pump suction mouth-piece liner.  
 Fob Rio Vista.  
 Total bids follow:  
 Golden State Miners Iron Works, San Francisco, (1) \$1340; (2) \$1052; (3) \$529.  
 General Engr. & Dry Dock Co., San Francisco, (1) \$1373; (2) \$1122.40; (3) \$484.40.  
 Bethlehem Shipbuilding Corp., Ltd., San Francisco, (1) \$1460; (2) \$1380; (3) \$576.  
 Union Machine Co., San Francisco, (1) \$1448; (2) \$1200; (3) \$524.  
 Pacific Coast Engr. Co., Oakland, (1) \$1480; (2) \$1216; (3) \$600.  
 Stockton Iron Works, Stockton, (1) \$1290; (2) \$1140; (3) \$540. \* 20

**BIDS OPENED**

**LOS ANGELES, Cal.**—Kyle Steel Constr. Co., 5555 Magnolia, Vernon, at \$2236.50, submitted low bid to U. S. Engineer, Los Angeles, for 45,000 lbs. fabricated steel for Sewer Farm Road and trestle support bridges. Circ. Prop. 150.  
 Complete bids were:  
 Kyle Steel Constr. Co.—\$0.0497 lb.; total, \$2236.50; ½ of 1% 10 da.  
 Bethlehem Fabricators—\$.05025 lb.; total, \$2261.25; net.  
 Apex Steel Corp.—\$.0564 lb.; total, \$2538; disc. ½ of 1%, 20 da.  
 Penn Iron & Steel Co.—\$.0565 lb.; total, \$2542.30; disc. ½ of 1% 30 da.  
 Bethlehem Steel Co.—\$.0574 lb.; total \$2583; net.  
 Southwest Welding & Mfg. Co.—\$.0588 lb.; total, \$2610; ½ of 1% 10 da.  
 Consolidated Steel Corp.—\$.05882 lb.; total, \$2619; net.  
 Western Iron & Metal Co.—\$.05999 lb.; total, \$2695; disc. ½ of 1% 10 da

**CONTRACTS AWARDED**

**WASHINGTON, D. C.**—Contracts for 4,316,150 lbs. fuel oil for the Navy's west coast requirements for the first six months of 1938, have been awarded by the Bureau of Yards & Docks, Washington, D. C., as follows:  
 General Petroleum Corp. of California, L. A., 1,000,000 lbs., \$851,000.  
 Richfield Oil Corp., L. A., 2,070,000 lbs., \$1,855,460.  
 Shell Oil Co., San Francisco, 500,000 lbs., \$443,750.  
 Standard Oil Co. of California, San Francisco, 34,500 lbs., \$44,800.  
 The Texas Co., New York, 600,000 lbs., \$518,400.  
 Union Oil Co. of Calif., Los Angeles, 309 lbs., \$814

Fuel oil for Diesel engines:  
 Standard Oil Co. of Calif., 11,550 lbs., \$30,365.  
 Union Oil Co. of Calif., 119,800 bbls., \$202,130. \* 20

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Long Beach Iron Works, at \$25,180.47 was awarded contract by Metropolitan Water District, Los Angeles, for cast iron and cast steel pipe & fittings, valves and miscellaneous metal parts; Spec. 252. \* 20

**BIDS OPENED**

**VANCOUVER, Clark Co., Wash.**—United States Pipe & Foundry Co., Seattle, at (1) \$42,605; Johns-Manville Co., Portland, (2) \$44,033; Consolidated Supply Co., Portland, (3) \$52,803, and Rensselaer Valve Co., Seattle, (4) \$8526, submitted low bids to the Vancouver City Clerk, C. A. McConah, for furnishing pipe, hydrants and valves for the improvement of the city water distribution system.

Bids were taken on:

- (1) Pipe and fittings;
- (2) Transit pipe;
- (3) All Universal joint pipe;
- (4) Hydrants and valves.

Total bids follow:

U. S. Pipe & Foundry Co., Seattle,	(1)	\$42,605.00.
American Cast Iron Pipe Co., Seattle,	(1)	\$44,314.00.
R. D. Wood Co., Philadelphia,	(1)	\$52,987.
(4)	\$12,049.	
Johns-Manville Co., Portland,	(2)	\$44,033.00.
Consolidated Supply Co., Portland,	(3)	\$52,803.
Rensselaer Valve Co., Seattle,	(4)	\$8526.00.
Pacific Water Works Supply Co., Seattle,		\$8537.00.
A. P. Smith Mfg. Co., Seattle,	(4)	\$10,379.00.
Hugh G. Purcell Co., Seattle,	(4)	\$20,942.00.
Filler & Stowell, Milwaukee,	(4)	\$11,703.00.

**BIDS OPENED**

**SAN FRANCISCO**—Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at \$15,030, submitted low bid to the Purchaser of Supplies, T. A. Brooks, 270 City Hall, under Bid No. 1945, for furnishing approximately 4500 tons of asphaltic concrete wearing surface (WPA).

Total bids follow:

	Total
Pacific Pavements Co., Ltd., 85 Barstow St.	\$3.34 15,030.00
Lorrie Paving Co.	3.52 16,335
Chas. L. Harney	3.80 17,400
Eaton & Smith	3.78 17,550
The Fay Improvement Co.	4.00 18,270

**BIDS WANTED**

**ALHAMBRA, Los Angeles Co., Cal.**—Until Dec. 21, 9 a. m., bids will be received by Alhambra City Clerk, R. E. Wallace, for furnishing the following:

- (a) 4400 tons asph. conc. base for paving Garfield Ave., Main St. to Atlantic Blvd. per ton, deliv. and truck spread on job;
- (b) 2400 tons asph. conc. wearing surf. for paving Garfield Ave., Main St. to Atlantic Blvd. per ton, deliv. and truck spread on job;
- (c) 2500 tons premix surf. for paving Stoneman Ave. (San Marino to Valley), Date Ave. (Valley Blvd. to Ramona Blvd.), Shorb St. (Fremont Ave. to Westminister), and Olive Ave. (Valley Blvd. to Ramona Blvd.), per ton, deliv.

and truck spread on job;

- (2) (a) 4400 tons asph. conc. base for paving Garfield Ave. (Main St. to Atlantic Blvd.), rock and sand furnished and delivered to plant by city, per ton, deliv. and truck spread on job;
- (b) 2400 tons asph. conc. wearing surf. for paving Garfield Ave. (Main St. to Atlantic Blvd.), rock and sand and dust furnished and delivered to plant by city, per ton, deliv. and truck spread on job;
- (c) 2500 tons premix wearing surf. for paving Stoneman Ave. (San Marino to Valley), Date Ave. (Valley Blvd. to Ramona Blvd.), Shorb St. (Fremont Ave. to Westminister), and Olive Ave. (Valley Blvd. to Ramona Blvd.), rock, sand and asph. oil furnished and delivered to plant by city, per ton, mixing, delivering and truck spread on job;
- (3) (a) 4400 tons asph. conc. base for paving Garfield Ave. (Main St. to Atlantic Blvd.), rock and sand furnished and delivered to plant by city, per ton, mixing and furnishing asph. cement only;
- (b) 2400 tons asph. conc. wearing surf. for paving Garfield Ave. (Main St. to Atlantic Blvd.), rock, sand and dust furnished and delivered to plant by city, per ton, mixing and furnishing asph. cement only;
- (c) 2500 tons premix wearing surf. for paving Stoneman Ave. (San Marino to Valley), Date Ave. (Valley Blvd. to Ramona Blvd.), Shorb St. (Fremont Ave. to Westminister), and Olive Ave. (Valley to Ramona Blvd.), rock and asph. oil furnished and delivered to plant by city, per ton, mixing and furnishing asph. cement only;
- (4) (a) 6800 tons asph. conc., hauling only, for paving Garfield Ave. (Main St. to Atlantic Blvd.), per ton, truck spread on job;
- (b) 2500 tons premix wearing surf., hauling only, for paving Stoneman Ave. (San Marino to Valley), Date Ave. (Valley to Ramona), Shorb St. (Fremont Ave. to Westminister), and Olive Avenue (Valley to Ramona), per ton, truck spread on job.

Certified check or cashier's check, 10%, must accompany bid. \* 20

**ALAMEDA COUNTY PERMITS UNDER \$1000**

MOVE portable building, \$150; 2211 Grove St., Berkeley; owner and contractor, Berkeley Board of Education, 2325 Mills Ave.  
 WRECK building, \$35; 628 5th St., Oakland; owner, East Bay Glass Co., Prem.; contractor, E. Lani, 2330 Poplar St.  
 SHED, 1-story, \$450; 787 85th Ave., Oakland; owner and contractor, American Concrete & Pipe Co., Prem.  
 ALTERATIONS, \$175; 1026 14th Ave., Oakland; owner, M. J. Pestana, 1019 Page St.; Berkeley; contractor, John Poston, 725 Virginia St., Berkeley.  
 SIGN, metal, NW Cor. 15th and Jefferson Sts., Oakland; owner, Union Oil Co., Prem.; contractor, Foster & Kleiser, 22nd and Market Sts.  
 SIGN, metal, \$15; SE Cor. 9th and Clay Sts., Oakland; owner, Union Oil Co., Prem.; contractor, Foster & Kleiser, 22nd and Market Sts.

# ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21—Bridges	30—Reservoirs and Dams
22—Dredging, Harbor Works, Excav.	31—Pipe Lines and Irrigation Proj.
23—St. Light Systems	32—Sewers & Sewage Disposal Plants
24—Machinery and Equipment	33—Water Works
25—Railroads	34—Parks & Play grounds
26—Fire Alarm Sys.	35—Tunnels
27—Fire Equipment	
28—Streets & Highways	

## 21— BRIDGES

### BIDS WANTED

SAN DIEGO CO., Cal.—Until Jan. 7, 2 p.m., bids will be received by the State Division of Highways, State Highway Engineer, 1365 Harbor Boulevard, San Diego, for the construction of a reinforced concrete slab bridge across Sweet Water River between National City and Chula Vista on Highland Avenue, consisting of eighteen 22-ft. 6-in. spans and two 7-ft. 6-in. spans on cast-in-place concrete pile bents, San Diego County.

Work involves:

- (1) Exist. bridge removed and disposed of;
- (2) 1,300 c.y. roadway excav., without class;
- (3) 200 c.y. struc. excav.;
- (4) 5,500 c.y. imported borrow;
- (5) 200,000 lbs. bar reinf. steel;
- (6) 700 c.y. Class A portland cement concrete struc.;
- (7) 7,500 lbs. misc. steel;
- (8) 874 lf. solid timber railing;
- (9) 145 c.y. class A portland cement concrete slope paving and cut-off walls;
- (10) 1 lot misc. items of work;

### ALTERNATIVE ITEMS

- (11) 4,180 lf. furnish concrete piles cast in place, type not requiring mandrel;
- (12) 93 each, driving steel shells, type not requiring mandrel;
- (13) 4,180 lf. furnish concrete piles cast in place, mandrel type;
- (14) 93 each, driving steel shells, mandrel type.

NOTE: A bidder is required to submit bid on one alternative and may, but is not required to, submit bids on the two alternatives.

Plans and specifications may be obtained from the above office. \* 21

### BIDS WANTED

FRESNO CO., Cal.—Until Jan. 5, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for constructing a steel girder bridge consisting of five 73-ft. spans and two 65-ft. spans and approaches about 3 miles south of Sanger, Fresno County.

Work involves:

- (1) 12,500 c.y. rdwy. embankment,
- (2) 300 c.y. struc. excav.
- (3) 7 sta. finishing rdwy.;
- (4) 80,000 lbs. bar reinf. steel
- (5) 670 c.y. Class A Portland cement concrete struc.
- (6) 215,000 lbs. struc. steel,
- (7) 1,050 lf. timber railing,
- (8) 12 MFMB treated Douglas fir timber;

- (9) 2,100 lf. furnish steel piles;
  - (10) 60 each driving steel piles;
  - (11) 50 c.y. Class A Portland cement concrete (slope paving);
  - (12) 1 lot misc. items of work.
- Plans and specifications may be obtained from the above office.

### CONTRACT AWARDED

STANISLAUS CO., Cal.—T. C. Tunsen, Rt. No. 1, Box 1360, Modesto, at \$3197, submitted low bid and awarded contract by the Stanislaus County Board of Supervisors, C. C. Eastin, County Clerk, Court House, Modesto, Calif., for the construction of a bridge over Modesto Irrigation District Main Canal on Reinway Avenue, near the quarter section corner common to Sections 28 and 29, T 3 S, R 11 E, M D B & M. Bridge consists of four 16-foot spans, 20 feet clear roadway, overall length of bridge, 80 feet and approximately 125 yds. reinf. concrete.

Total bids follow:

T. C. Tunsen, Rt. No. 1, Box 1360, Modesto .....	\$3,197.00
Nelson & Wallace, Escalon .....	3,390.00
Franzini & Fredenburg, San Raphael .....	3,959.33
L. Uhels, Ripon .....	4,100.00
F. Kaas, Stockton .....	4,846.00
M. J. B. Constr. Co., Stockton, Modesto .....	5,010.00
Cotner, Tomnitz & King, Valley Constr. Co., San Jose .....	5,119.00
	5,325.00

## 22— DREDGING HARBOR WORKS, EXCAVATION

### CONTRACT AWARDED

SAN DIEGO, Calif.—Lipscomb and Barclay, 4367 Florida St., San Diego, at \$11,737 was awarded contract by the Public Works Officer, Eleventh Naval District, San Diego, for the improvement of fender system, Navy pier, at Naval Operating Base (Supply Depot), San Diego. Spec. 8563. 22

### BIDS WANTED

RIVERTON PROJECT, Wyo.—As previously reported, until Dec. 28, 10 a.m., bids will be received by the Bureau of Reclamation, Riverton, Wyo., under Spec. No. 762, for the construction of earthwork and structures, Pilot canal laterals 26 to 28, Sand Gulch lateral 3-A and sublaterals, Pilot division, Riverton Project, Wyo.

Work involves:

- (1) 140,000 c.y. excav., common, for laterals;
- (2) 1500 c.y. excav., rock, for laterals;
- (3) 1000 sta. c.y. overhaul;
- (4) 5400 c.y. excav., common, for structures;

- (5) 100 c.y. excav., rock, for struc.;
  - (6) 6500 c.y. backfill about struc.;
  - (7) 2500 c.y. puddling or tamping backfill about struc.;
  - (8) 2630 c.y. conc. in struc.;
  - (9) 173,000 lbs. placing reinf. bars;
  - (10) 100 sq. yds. grouted paving;
  - (11) 100 c.y. cobble riprap;
  - (12) 60 MFMB erecting timber in struc.;
  - (13) 1400 lf. lay 18-in. lock joint concrete pipe;
  - (14) 200 lf. lay 21-in. lock joint concrete pipe;
  - (15) 600 lf. lay 24-in. lock joint concrete pipe;
  - (16) 30 lf. lay 27-in. lock joint concrete pipe;
  - (17) 300 lf. lay 30-in. lock joint concrete pipe;
  - (18) 230 lf. lay 36-in. lock joint concrete pipe;
  - (19) 12,000 lbs. install gates;
  - (20) 2200 lbs. install misc. metalwork.
- Plans and specifications may be obtained from the above office. \* 22

## 23— CANALS

### BIDS WANTED

GILA PROJECT, Ariz.—Until Jan. 4, 10 a.m., bids will be received by the Bureau of Reclamation, Federal Building, Yuma, Arizona, under Spec. No. 740, for the construction of the Gila River crossing, Station 752 +50 to station 795+00, Gravity Main Canal, Gila Project, Arizona.

Work involves:

- (1) 183,150 c.y. of all classes of excavation;
  - (2) 40,000 sta. c.y. of overhaul;
  - (3) 100,000 c.y. compacted embankment;
  - (4) 19,400 c.y. compacted lining;
  - (5) 25,100 c.y. riprap on outside slopes of embankments;
  - (6) 43,900 c.y. rock fill about siphon barrel;
  - (7) 95,200 c.y. backfill;
  - (8) 11,600 c.y. concrete;
  - (9) Placing 2,448,000 lbs. of reinf. bars;
  - (10) Driving 1,768,500 lbs. of steel sheet piling;
  - (11) Constructing 2.4 MFMB of timber railings;
  - (12) Installing 85,400 lbs. of gates and other metalwork;
  - (13) Installing 275 in. ft. of electrical metal conduit;
  - (14) Installing 150 linear feet of rubber water stops; and
  - (15) Installing 220 sq. ft. of elastic joint-filler material.
- Plans and specifications may be obtained from the above office. \* 23

### BIDS WANTED

GILA PROJECT, Ariz.—As previously reported, until Jan. 4, 10 a.m., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 740, for the construction of the Gila River crossing, Station 752+50 to Station 795+00, Gravity Main Canal, Gila Proj., Arizona.

Work involves:

- (1) 5,300 c.y. excav., common, for structure, except siphon barrel;
- (2) 650 c.y. excav., rock, for structure except siphon barrel;
- (3) 137,000 c.y. excav., common, for siphon barrel;
- (4) 100 c.y. excav., rock, for siphon barrel;
- (5) 40,000 c.y. excav., common, for canal;
- (6) 100 c.y. excav., rock, for canal;
- (7) 100,000 sta. c.y. overhaul;
- (8) 100,000 c.y. compacted embankment;

Capital City  
Title Company

JAMES E. BANCROFT  
Manager

801 J Street  
Sacramento : California

- (9) 19,400 c.y. compacted lining;
- (10) 25,100 c.y. riprap on outside slopes of embankments;
- (11) 42,900 c.y. rock fill about siphon barrel;
- (12) 30,000 c.y. backfill about structure except over siphon barrel;
- (13) 62,500 c.y. backfill over siphon barrel;
- (14) 2,700 c.y. compacted backfill;
- (15) 1,170 c.y. concrete in structure except siphon barrel;
- (16) 10,430 c.y. concrete in siphon barrel;
- (17) 2,448,600 lbs. placing reinf. bars;
- (18) 150 lf. installing rubber water stops;
- (19) 220 sq. ft. installing elastic joint-filler material;
- (20) 1,768,500 lbs. driving steel sheet piling;
- (21) 2.4 MFBM constructing timber railings;
- (22) 850 lbs. installing pipe hand-rails;
- (23) 58,000 lbs. installing fixed-wheel gate, gate frame, gate and counterweight guides; and counterweight hangers;
- (24) 18,000 lbs. installing fixed-wheel gate hoist and operating mechanism;
- (25) 13,500 lbs. installing misc. metalwork;
- (26) 275 lf. installing electrical metal conduits;
- (27) 50 lbs. installing electrical conductors.

Plans and specifications may be obtained from the above office. \* 23

**25—MACHINERY AND EQUIPMENT**

**BIDS WANTED**

MARIN AND SONOMA COS., Calif.—Until December 22, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 600 hours of one 1/2-c.y. crawler type power shovel, for use in Marin and Sonoma Counties.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

MARIN AND SONOMA COS., Calif.—Until December 22, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 1200 hours of two pneumatic tired dump trucks, chassis weight not less than 4000 lbs., body capacity not less than 3 1/2-c.y., for use in Marin and Sonoma Counties.

Plans and specifications may be obtained from the above office. \* 25

**BIDS OPENED**

RIVERSIDE AND SAN BERNARDINO COS., Calif.—Following submitted bids to the State Highway Department, San Bernardino, or the rental of an oil mixing machine.

- (1) transportation to and from San Bernardino (flat price; round trip);
  - (2a) mixing machine per hour with operator; vendor furnishes gas and oil;
  - (b) same, per day;
  - (c) mixing machine per hour; state furnishes gas and oil;
  - (d) same, per day;
  - (e) standby rental; when machine is used less than 30 hours week; for each hour less than 30 hours.
- Total bids follow:

Geo. Gardner & Son—(1) \$10, (2a) \$8.50, (b) \$60, (c) \$7.00, (d) \$50, (e) \$4.00  
 Oswald Bros.—(1) \$40, (2a) \$7.50, (b) \$55.00, (c) \$67.5, (d) \$50, (e) \$3.00

**BIDS OPENED**

MARIN AND SONOMA COS., Calif.—Macco Constr. Co., Curry Lane, Sausalito, at \$13.50 per hour, submitted the only bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 300 hours of one power shovel, capacity not less than 2 1/2 cu. yd., for use in Marin and Sonoma Cos., Calif. \* 25

**BIDS OPENED**

SAN BERNARDINO and RIVERSIDE COS., Calif.—Following are bids received by the State Highway Department, San Bernardino, for rental of 35- to 40-h.p. track type tractor, for use in District 8, San Bernardino and Riverside Counties.

- (A) transportation to and from San Bernardino (round trip flat price)
- (B) rate per hour for tractor and driver when vendor furnishes gas and oil;
- (C) rate per hour for tractor and driver when state furnishes gas and oil;
- (D) stand-by rate per hour for tractor and driver.

- Bidders were:
  - (1) Peter L. Ferry.
  - (2) Rock & Gravel Trucking Co.
  - (3) Vado Kovacevich.
  - (4) R. A. Wheeler.
  - (5) Charles Holmes.
  - (6) Triangle Rock & Gravel Co.
  - (7) Geo. Gardner & Sons.
  - (8) E. Fletcher.
  - (9) Martin Bros. Truck Co.
  - (10) Bennett & Taylor.
  - (11) Oswald Brothers.
  - (12) E. L. Yeager.
  - (13) George Herz & Co.
  - (14) James R. Mathews.
  - (15) The Price Company.
  - (16) Stery Brothers.
  - (17) Abercrombie & Tunter.
  - (18) Geo. J. Buck Company.
  - (19) Ben Hulst-T & E Co.
  - (20) Dinnitt & Taylor.

	(A)	(B)	(C)	(D)
(1)	\$30.00	\$3.00	\$2.50	\$1.00
(2)		6.50	5.50	
(3)	40.00	2.55	2.40	1.25
(4)		2.25	1.75	75
(5)	1.00	2.70	2.00	.50
(6)	1.00	2.80	2.30	.75
(7)	10.00	2.75	2.25	1.75
(8)	10.00	2.75	3.25	2.50
(9)		3.35	1.95	1.15
(10)	45.0	3.50	3.15	2.25
(11)	50.00	3.20	2.70	1.40
(12)	25.00	5.00	4.50	3.00
(13)	20.00	3.25	3.00	1.50
(14)		3.50	3.20	2.40
(15)	25.00	3.00	3.25	1.75
(16)	75.00	3.20	2.90	1.40
(17)	20.00	3.05	2.65	1.00
(18)	32.00	3.58	2.88	1.72
(19)	20.00	2.85	2.60	1.50
(20)	15.00	4.00	2.75	1.00
(21)	60.00	4.50	4.15	2.00

**BIDS OPENED**

LOS ANGELES, Calif.—Following bids were received by the Metropolitan Water District, Los Angeles under Spec. 257 for furnishing ten 10-h.p. motor starters for use with centrifugal water pump motors at the California River Appliance pumping plant. The items are:

- (1) SCHEDULE 1
- (a) furnishing 10-h.volt motor starters;
- (b) 10-h.volt motor starters for intake pumping plant

**SCHEDULE 2**

- Furnishing 2300-volt motor starters
- (2) two 2300-volt motor starters for Gene pumping plant;
- (3) two do for Iron Mountain pumping plant;
- (4) two do for Eagle Mountain pumping plant.
- (5) two do for Hayfield pumping plant.

The bids were:  
 General Electric Co.: (1) \$582, \$1,164; (2) \$1309, \$2600; (3) \$1300, \$2,600; (4) \$1300, \$2600; (5) \$1300, \$2600; sales tax \$346.92; total, \$1,910.92; fob Los Angeles, shipping wt., 20,000 lbs. No discount. No use tax.

Kelman Elec. & Mfg. Co., Los Angeles: (1) no bid; (2) \$1592.70, \$3185.40; (3) \$1592.70, \$3185.40; (4) \$1592.70, \$3185.40; (5) \$1592.70, \$3185.40; sales tax \$382.25; total (2) to (5) not stated; fob Los Angeles; shipping wt., 20,000 lbs. No discount. No use tax.  
 Cutler-Hammer Co., Los Angeles: (1) \$1390, \$2780; (2) (3) (4) (5) no bid; use tax \$78; total, \$2678; fob Milwaukee, Wis.; shipping wt., 2000 lbs. No discount.

I. T. E. Circuit Breaker Co., Philadelphia, Pa.: (1) \$578, \$1156; (2) \$2458, \$4916; (3) \$2458, \$4916; (4) \$2458, \$4916; (5) \$2458, \$4916, shipping wt. Sch. 1, 2100 lbs.; Sch. 2, 8 starters, 22,400 lbs.; fob Philadelphia; use tax mentioned. No disc.

Allis-Chalmers Mfg. Co., Los Angeles: (1) no bid; (2) \$2223, \$4446; (3) \$2223, \$4466; (4) \$2223, \$4466; (5) \$2,233, \$4466. Use tax \$555.92; total, \$8,399.92; fob cars nearest freight siding; shipping wt., 24,000 lbs.; no disc. Use tax will be collected.

Westinghouse Elec. & Mfg. Co., Los Angeles: (1) \$925, \$1850; (2) \$1550, \$3100; (3) \$1550, \$3100; (4) (5) \$372, sales tax, (1) \$55.50; (2) to (5) \$372, fob cars East Pittsburgh, with freight allowed \* 25

**BIDS OPENED**

ALL-AMERICAN CANAL.—The following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 996-D, for furnishing (1) eight motor-driven radial gate bolots and (2) two 3,000-lb. capacity, double-drum, motor-driven radial gate bolts for power drops Nos. 2, 3, 4 and 5, all for the New Ellicott tunnel, All-American Canal, Boulder Canyon Project, Ariz., California-Nevada. Bolots will be installed by the Government job shipping point and/or cars at the railroad destination at the option of the bidder.

Paget Summit Machinery Depot, Seattle, (1) \$11,369; net, fob Seattle; (2) \$1787; net, fob Seattle.  
 The Smith Corp. doing business as General Iron & Steel Works, Portland, (1) \$13,670; net, fob Portland.

R. W. Kallmeyer Corp., Redford, Ohio, (2) \$2905; net, fob Portland (Cleveland).

Long Beach Iron Works, Long Beach, (1) \$14,600; net, fob Seattle; (2) \$2149; net, fob combination, \$16,700; net, fob Long Beach.

Valley Iron Works, Yakima, Wash., (1) \$13,510; net, fob Seattle; (2) \$1905; net, fob combination, \$15,325; 5%; fob Yakima.

Hesse-Ersted Iron Works, Portland, (1) \$17,757; net, fob Seattle; (2) \$1933; net, fob Portland.

Lado-Lide Bridge & Steel Co., Milwaukee, Wis., (1) \$15,000; net, fob Seattle; (2) \$2099; net, fob Milwaukee.

Valcan Iron Works, Wilkes-Barre, Pa., (1) \$23,000; net, fob Seattle; (2) \$3000; net, fob combination, \$26,000; net, fob Wilkes-Barre.

Commercial Iron Works, Portland, (1) \$12,786; net, fob Seattle; (2) \$1910; net, fob combination, \$13,779; net, fob Portland.

Foote Bros. Gear & Machine Corp., Chicago, (1) \$13,460, wt. 37,000; (2) \$2151, wt. 4400; foot Chicago; net.

**BIDS WANTED**

**SACRAMENTO, Calif.**—Until Dec. 23, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for furnishing one de luxe, 4-door sedan type automobile with full standard equipment, for the Sacramento Police Department.

Plans and specifications may be obtained from the above office. \* 25

**CONTRACT AWARDED**

**OAKLAND, Cal.**—Sam Bates Co., 1925 Dennison St., Oakland, at 45c per hour, was awarded contract by the Oakland City Council, City Clerk, City Hall, for the rental of concrete mixers. \* 25

**BIDS REJECTED**

**OAKLAND, Calif.**—The Oakland City Council, City Clerk, City Hall, rejected all bids for the rental of air compressors. Equipment will be rented in the open market. \* 25

**BIDS OPENED**

**SANTA CLARA & SANTA CRUZ COS., Calif.**—Following submitted bids to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 2000 hours of four pneumatic tired dump trucks, body capacity must be not less than 3 cu. yds., for use in Santa Clara and Santa Cruz Counties.

Bids were taken on: (1) hand loading; (2) bunker loading; (3) power loading.

Total bids follow:

Chas. L. Harney, S. F.—(1) \$235; (2) \$255; (3) \$275.

Jos. Calavano, S. F.—(1) \$210; (2) \$230; (3) \$250.

Mrs. Margaret Silva, Sonoma—(1) \$244; (2) \$274; (3) \$287.

Harry J. Hagen, San Pedro—(1) \$178; (2) \$218; (3) \$218.

C. E. Huls, Merced—(1) \$235; (2) \$255; (3) \$275.

R. P. Easley, Antioch—(1) \$275; (2) \$300; (3) \$300.

Chas. W. Beguhl, Millbrae — (1) \$235; (2) \$255; (3) \$275.

Longwell & Springer, S. F.—(1) \$200; (2) \$220; (3) \$235.

Meade J. O'Brien, Point Arena—(1) \$235; (2) \$255; (3) \$275.

Samuel E. Bonsangue, Los Angeles—(1) \$235; (2) \$255; (3) \$275.

H. Simon, S. F.—(1) \$265; (2) \$290; (3) \$315.

Samuel Pump Truck Service, San Jose—(1) \$235; (2) \$255; (3) \$275.

Daniel Gallagher Co., S. F.—(1) \$235; (2) \$275; (3) \$275.

H. W. Wagner & Roy L. Pierce, Napa—(1) \$265; (2) \$290; (3) \$315.

Rock & Gravel Trucking Co., Oakland—(1) \$235; (2) \$255; (3) \$265.

Norman M. Mason, San Mateo—(1) \$235; (2) \$255; (3) \$275. \* 25

**BIDS OPENED**

**SANTA CLARA and Santa Cruz Cos., Cal.** C. E. Huls, Merced, at \$3.00 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Dist. IV, Room 211 State Bldg., San Francisco, for the rental for 400 hours of one truck mounted power shovel unit, equipped with shovel dipper and clamshell of not less than 4-cy. for use in Santa Clara and Santa Cruz Counties.

Total bids follow: Per Hr.

C. E. Huls, Merced \$4.00

Pacific Truck Service, Inc., San Jose 4.24

Jose Volpa Bros., Fresno 4.70

Rock and Gravel Trucking Co., Oakland 5.00  
M. P. McCaffrey, Los Angeles 6.50  
Portola Truck Service, S. F. 6.75

**BIDS OPENED**

**ALL-AMERICAN CANAL.**—Following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 997-D, for furnishing (1) eleven 16,000-lb. capacity and two 3,500-lb. capacity radial gate hoists for the Pilot Knob Check and wasteway; (2) two 12,000-lb. capacity and four 3,500-lb. capacity radial gate hoists for the New River crossing; (3) and two 1,600-lb. capacity, one 2,000-lb. capacity and one 1,200-lb. capacity, two 12,000-lb. capacity and seven 7,500-lb. capacity radial gate hoists for the New Wistaria, Woodbine, Wernwood and West Side main canal turnouts, on the All-American Canal, Boulder Canyon Project, Arizona-California-Nevada. Hoists will be installed by the Government f.o.b. shipping point and/or cars at the railroad destination at the option of the bidder.

Total bids follow:  
Lakeside Bridge & Steel Co., Milwaukee, Wis.—(1) \$19,214; wt. 41,300; net; f.o.b. Milwaukee.

The Joshua Hendy Iron Works, San Francisco, Cal.—(1) \$18,605; wt. 49,500; net; f.o.b. Sunnyvale, Cal.

Western Foundry Co., Portland, Ore.—(3) \$9,925; wt. 27,510; net; f.o.b. Portland.

Valley Iron Works, Portland—(1) \$15,511; wt. 41,214; (2) \$4,548; wt. 11,180; (3) \$11,300; wt. 24,000; combination (1, 2, 3) \$29,762; 5%; f.o.b. Yakima.

Commercial Iron Works, Portland—(1) \$16,327; wt. 43,150; (2) \$5,328; wt. 13,850; (3) \$10,518; wt. 29,450; combination (1 and 2) \$20,573; (1 & 3) \$25,500; (2 and 3) \$30,565; 1/2%; f.o.b. Portland.

Long Beach Iron Works, Long Beach, Cal.—(1) \$17,500; wt. 48,000; (2) \$5,650; wt. 13,000; (3) \$11,300; wt. 27,000; f.o.b. Long Beach; combination (1, 2 and 3) \$34,500; net; f.o.b. destinations.

S. Morgan Smith Co., York, Pa.—(1) \$24,367; wt. 48,000; net; f.o.b. York.

Vulcan Iron Works, Wilkes-Barre, Pa.—(1) \$30,500; wt. 50,380; (2) \$8,600; wt. 13,370; (3) \$20,270; wt. 29,800; combination (1, 2 and 3) \$49,370; net; f.o.b. Wilkes-Barre.

H. W. Kaltenbach Corp., Bedford, Ohio—(2) \$6,438; wt. 12,200; net; f.o.b. Cleveland.

Puget Sound Machinery Depot, Seattle, Wash.—(1) \$15,296; wt. 42,500; (2) \$4,992; wt. 12,400; (3) \$9,072; wt. 21,000; net; f.o.b. Seattle.

Foote Bros. Gear & Machine Corp., Chicago, Ill.—(1) \$15,430; wt. 35,000; (2) \$4,830; wt. 11,000; (3) \$10,313; wt. 23,000; combination (1, 2 and 3) \$29,890; net; f.o.b. Chicago. \* 25

**BIDS OPENED**

**MARIN AND SONOMA COS, Cal.**—J. P. Breen, P.O. Box 183, Sacramento, at \$7.00 per hour, submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 500 hours of one power shovel, capacity not less than one cu. yd. or more than one and one-half cu. yd., for use in Marin and Sonoma Counties, Calif.

Total bids follow: Per Hr.

J. P. Breen, P.O. Box 183, Sacramento \$7.00

Camargo Fuel & Fuel Co., San Raphael 7.40

Harry J. Wollie, Redwood City 7.40

Brown Ely Co., Oakland 7.50

C. A. Baker, N. Sacramento 7.95  
Healy-Tibbitts Constr. Co., S. F. 8.50  
Rock & Gravel Trucking Co., Oakland 9.00  
Eaton & Smith, S. F. 9.00  
Piombo Bros., S. F. 9.70  
Chas. L. Harney, S. F. 12.25  
Macco Constr. Co., Sausalito 13.50

**BIDS OPENED**

**SAN DIEGO, Cal.**—Following submitted bids to the San Diego City Purchasing Agent, for the rental of dredger and dredging equipment for one year.

Bids were received on: (A) equipment and supervisors only; (B) equipment, supervisors, and all labor.

The bids were:

San Francisco Bridge Co.—(A) 18 hr day, \$14.64 hr; 24 hr day \$12.60 hr; 16 hr day, \$15.84 hr; (B) 18 hr day, \$21.72 hr; 24 hr day, \$17.82 hr; 16 hr day, \$19.62 hr.

Newport Dredging Co.—(A) 18 hr day, \$17 hr; 24 hr day, \$15.50 hr; 16 hr day, \$16.50 hr; (B) 18 hr day, \$22.75 hr; 24 hr day, \$19.50 hr; 16 hr day, \$21.50 hr.

American Dredging Co.—(A) 18 hr day, \$20 hr; 24 hr day, \$17.66 hr; (B) 18 hr day, \$25.14 hr; 24 hr day, \$23.84 hr. \* 25

**CONTRACT AWARDED**

**LOS ANGELES, Cal.**—Consolidated Steel Co., at \$17,687.16 was awarded contract by Metropolitan Water District, Los Angeles, for nine inlet gates with gate guides and hoists for use at Intake pumping plant. Spec. 254. \* 25

**BIDS OPENED**

**MARIN AND SONOMA COS., Cal.**—A. Soda & Son, 5231 Grove St., Oakland, at \$3.98 per hour, submitted low bid to the Dept. of Public Works, Div. of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 300 hours of one 40 to 60-hp tractor equipped with Bulldozer, for use in Marin and Sonoma Counties, Cal.

Total bids follow:

A Soda & Son, 5231 Grove St., Oakland \$3.98 Per Hr.

A. S. Willy, S. F. 4.40

A. O. Robinson, Healdsburg 4.45

F. O'Brien, S. F. 4.75

Eaton & Smith 4.90

F. U. Main, Fairfax 4.90

Johnson & Nelson, San Anselmo 4.95

Foote Bros. 5.00

R. P. Easley, Antioch 5.00

C. A. Baker, N. Sacramento 5.25

E. A. Forde, San Anselmo 5.50

Cornell Tractor Co., Sallinas 5.90

Rock & Gravel Trucking Co., Oakland 6.00

Chas. L. Harney 7.25

Macco Constr. Co., Sausalito 8.50

**CONTRACTS AWARDED**

**BONNEVILLE PROJECT.**—The Smith Corp. (General Iron & Steel Works), Portland, at \$17,780 (Items 1 and 3) and Lakeside Bridge & Steel Co., Milwaukee, Wis., at \$20,137 (Item 2), were awarded contracts by the U. S. Engineer Office, Bonneville, Ore., under Bid No. 694-38-136, for performing all work for the fish lift operating machinery for the Bonneville Project, Ore. Alternate A f.o.b. shipping point; Alternate B f.o.b. Bonneville, Ore.

Work involves:  
(1) 12 fish lift entrance and exit gate hoists; \* 25  
(3) 3 fish lift elevator hoists;  
(4) 12 radial gate hoists.

**BIDS OPENED**

**SAN BERNARDINO** and Riverside Cos., Cal.—Following submitted bids to the State Highway Department, San Bernardino, for rental of 1/2-cy. power shovel and two to four dump trucks of not less than 3-cy. capacity each for use on state highways in San Bernardino and Riverside counties.

The items bid upon were:

- (1) transportation to and from San Bernardino for each truck, flat price for round trip;
- (2) operating rate per hour per truck under power loading;
- (3) do, under hand loading;
- (4) stand-by rate per hour per truck;
- (5) transportation to and from San Bernardino for power shovel, flat price for round trip;
- (6) operating rental rate per hour for shovel;
- (7) stand-by rate per hr. for shovel.

The bids were:

Jesse Hubff: (1) \$1; (2) \$2.18; (3) \$1.78; (4) \$4.5; (5) \$10; (6) \$2.34; (7) \$1.00.  
Miller Bros.: (2) \$2.18; (3) \$1.78; (3) \$1.75.  
G. O. Butler: (2) \$2.18; (3) \$1.78; (6) \$2.95; (7) \$1.00.  
J. B. Dexter: (2) \$2.18; (3) \$1.78; (5) \$2.00; (6) \$9; (7) \$4.50.  
G. G. Huls: (1) \$15; (2) \$2.18; (3) \$1.78; (5) \$100; (6) \$4.50; (7) \$1.  
H. M. Jones: (2) \$2.18; (3) \$1.78; (4) \$3; (5) \$25; (6) \$2.30; (7) \$1.00.  
K. O. Holte: (2) \$2.18; (3) \$1.78 (4) \$45; (6) \$5.50; (7) \$1.00.  
Mailor & Morgan: (2) \$2.18; (3) \$1.98; (4) \$38; (5) \$25; (6) \$4.85; (7) \$1.85.  
Mark L. Hart: (2) \$2.20; (3) \$1.90 (5) \$4; (6) \$5; (7) \$1.  
H. E. Bussey: (2) \$2.18; (3) \$1.78; (5) \$25; (6) \$2.80.

Fourth St. Rock Crusher (A. O. Johnson): (2) \$2.18; (3) \$1.78; (6) \$3.90; (7) \$90.  
Rock & Gravel Trucking Co.: (2) \$2.18; (3) \$1.98; (6) \$5.  
Edmonson & Rankin: (2) \$2.15; (3) \$1.78; (4) \$1.15; (5) \$60; (6) \$3.80; (7) \$2.06.  
Jesse Askey: (2) \$2.18; (3) \$1.78; (6) \$60; (7) \$1.90.  
O. Stewart: (1) \$5; (2) \$3.18; (3) \$1.78; (4) \$4.5; (5) \$1; (6) \$4.50.

**CONTRACT AWARDED**

**LOS ANGELES, Calif.**—Bethlehem Steel Co., at \$37,232 was awarded the contract by Los Angeles Water and Power Commission for furnishing, delivering and installing crane runway extension at 1539 N. Main St. Spec. 2456.

**BIDS OPENED**

**MARIN AND SONOMA COS., Cal.**—Longwell & Kennedy, San Francisco, at \$2.25 (HL), \$2.50 (BL) and \$2.75 (PL) per hour, submitted low bids to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 2000 hours of four pneumatic tired dump trucks, chassis weight not less than 6000 lbs., body capacity not less than 4 cubic yards, for use in Marin and Sonoma Counties.

Total bids follow:

Longwell & Kennedy, S. F.—\$2.25 (HL), \$2.50 (BL), \$2.75 (PL).  
Rock & Gravel Trucking Co., Oakland—\$2.65 (HL), \$2.90 (BL), \$3.00 (PL).

Larry Burrow, Oakland—\$2.65 (HL), \$2.95 (BL), \$3.15 (PL).  
A. Georgi & A. Bin, S. F.—\$2.50 (HL), \$2.75 (BL), \$3.00 (PL).  
Daniel Gallagher Co., S. F.—\$2.65 (HL), \$3.15 (BL), \$3.15 (PL).  
Following submitted identical bids at \$2.65 (HL), \$2.90 (BL) and \$3.15 (PL): Chas. W. Beguhl; W. C. Rail-

ing, Menlo Park; Brown Ely Co., Oakland; Mead J. O'Brien, Point Arena; Volpa Bros., Fresno; C. V. Clark, Jr., North Hollywood; Morgan & Davis, Pasadena; Smith & Forman, Berkeley; Hansen & Jones, Pasadena; H. Simon, San Francisco; K. I. Dowdy, San Francisco; C. E. Huls, Merced; A. O. Field, San Francisco; and McReynolds Trucking Co., Oakland.

**BIDS WANTED**

**BOULDER CANYON PROJECT**—Until Dec. 27, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1000-D, for furnishing two oil tanks for the Boulder switchyard, Boulder Canyon Project, Arizona-California-Nevada; f.o.b. cars shipping point and/or Boulder City, Nevada. Tanks and appliances will be installed by the Government.

Plans and specifications may be obtained from the above office. \* 25

**BIDS WANTED**

**DENVER, Colo.**—Until Dec. 28, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1001-D, for furnishing (1) two 12,000-lb. capacity gasoline engine driven radial gate hoists for the spillway at the Unity Dam, Burnt River Project, Oregon, and (2) two 12,000-lb. capacity gasoline engine driven radial gate hoists for the spillway at the Moon Lake Dam, Moon Lake Project, Utah. Hoists will be installed by the Government, f.o.b. shipping point and/or railroad destinations.

Plans and specifications may be obtained from the above office. \* 25

**29—STREETS AND HIGHWAYS****BIDS OPENED**

**PHOENIX, Maricopa Co., Ariz.**—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$17,134.40, submitted low bid to the Phoenix City Commission for the improvement of Madison and Fifth Streets, Phoenix, Ariz.

Total bids follow:

Arizona Sand & Rock Co., Box 1522, Phoenix \$17,134.40  
Oswald Bros., Los Angeles 17,529.30  
Daley Corp., San Diego 19,046.70  
Phoenix Tempe Stone Co., Phoenix 19,671.50  
W. E. Hall Co. 20,360.30  
Lewis Bros. 21,902.60

**BIDS OPENED**

**SAN FRANCISCO, Cal.**—Richmond Construction Co., 2124 Anza St., San Francisco, at \$3839, submitted low bid to the San Francisco Dept. of Public Works, Room 251, City Hall, for the improvement of Innes Ave., between Hawes and Ingalls; of the crossing of Innes and Ingalls; and of Ingalls St., between Innes and Jerrold Aves., by grading to official line and sub grade. Estimated cost, \$3,100.

The work involves:

- (1) 2000 c.y. grading (excav.);
- (2) 5000 c.y. grading (embankment);
- (3) 2000 c.y. grading (excav.);
- (4) 1000 c.y. grading (excav.);
- (5) 1000 c.y. grading (excav.);
- (6) 1000 c.y. grading (excav.);
- (7) 1000 c.y. grading (excav.);
- (8) 1000 c.y. grading (excav.);
- (9) 1000 c.y. grading (excav.);
- (10) 1000 c.y. grading (excav.);
- (11) 1000 c.y. grading (excav.);
- (12) 1000 c.y. grading (excav.);
- (13) 1000 c.y. grading (excav.);
- (14) 1000 c.y. grading (excav.);
- (15) 1000 c.y. grading (excav.);
- (16) 1000 c.y. grading (excav.);
- (17) 1000 c.y. grading (excav.);
- (18) 1000 c.y. grading (excav.);
- (19) 1000 c.y. grading (excav.);
- (20) 1000 c.y. grading (excav.);
- (21) 1000 c.y. grading (excav.);
- (22) 1000 c.y. grading (excav.);
- (23) 1000 c.y. grading (excav.);
- (24) 1000 c.y. grading (excav.);
- (25) 1000 c.y. grading (excav.);
- (26) 1000 c.y. grading (excav.);
- (27) 1000 c.y. grading (excav.);
- (28) 1000 c.y. grading (excav.);
- (29) 1000 c.y. grading (excav.);
- (30) 1000 c.y. grading (excav.);
- (31) 1000 c.y. grading (excav.);
- (32) 1000 c.y. grading (excav.);
- (33) 1000 c.y. grading (excav.);
- (34) 1000 c.y. grading (excav.);
- (35) 1000 c.y. grading (excav.);
- (36) 1000 c.y. grading (excav.);
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- (38) 1000 c.y. grading (excav.);
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- (40) 1000 c.y. grading (excav.);
- (41) 1000 c.y. grading (excav.);
- (42) 1000 c.y. grading (excav.);
- (43) 1000 c.y. grading (excav.);
- (44) 1000 c.y. grading (excav.);
- (45) 1000 c.y. grading (excav.);
- (46) 1000 c.y. grading (excav.);
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- (65) 1000 c.y. grading (excav.);
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**CONTRACT AWARDED**

ARCADIA, Los Angeles Co., Calif.—S. M. Milovich, 503 Whittier Blvd., Montebello, at \$14,010 (using oil macadam), was awarded the contract by the Arcadia City Council for the improvement of El Monte Road, between Live Oak and a point 3400 ft. north.

Work involves:  
 (1) 12,000 c.y. excav.;  
 (2) 213,000 sq. yds. premix;  
 (2a) alt, 213,000 sq. yds. oil macadam pavement;  
 (2b) alt, 213,000 sq. yds. asph. conc. pavement.

The complete bids were:  
 S. M. Milovich—(1) 28c, (2) 5c, (2a) alt 5c, (2b) alt 5.25c; total, premix, \$4010; alt total, oil macadam, \$14,010; alt total, asph. conc., \$14,542.50.

Claude Fisher Co., Ltd.—(1) 30c, (2) \$5.05c, (2a) and (2b) no bid; total, premix, \$14,356.50.

Oneal & Smith—(1) 32c, (2) 5c, (2a) and (2b) no bid; total, premix, \$14,490. \* 29

**BIDS WANTED**

LOS ANGELES, Cal.—Until Dec. 29, 10 a. m., bids will be received by Los Angeles Board of Public Works for grading, paving and otherwise improving streets in Baucht Street and Avila Street Improvement District, Union Passenger Terminal Station; PWA Project 4361, Unit J-4

The work involves:

- (1) Lump sum, grading (3531 c.y. excav. and 245 c.y. fill, including removal of existing improvements);
- (2) 48,224 sq. ft. conc. pave., 8 in. thick;
- (3) 220 sq. ft. conc. pave., 6 inches thick;
- (4) 11,756 sq. ft. rock and oil roadway, 4 inches thick, including resurf.;
- (5) 488 lf. unplas. light glass curb;
- (6) 2336 sq. ft. 1-course walk, 3 in. thick;
- (7) 1322 sq. ft. conc. gutter, 6 in. thick;
- (8) Lump sum, storm drain;
- (9) Sanitary sewers;
- (10) 539 lf. 6-in. house connection sewer \* 29

**CORRECTION IN LOW BIDDER'S ADDRESS**

YERBA BUENA ISLAND.—Parish Bros., 1222 Gower St., Hollywood, at \$67,965, submitted low bid to the San Francisco Bay Exposition Company for construction of the East Portal Boulevard on Yerba Buena Island, Contract No. 120

**BIDS WANTED**

GILA AND NAVAJO COS., Ariz.—Until Dec. 28, 10 a. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Globe-Showlow Highway (F.A. 99-H, 1st Rep. (1938), A.F.E. 6072; F.A. 99-I (1938), A.F.E. 6073, F.A. 99-J, 1st Rep. (1938), A.F.E. 6074). The work, which begins about 50 miles northeast of Globe and extends northeasterly about 15½ miles to the Gila-Navajo County line, consists of subgrading roadway and refinishing slopes, aggregate base course, and asphalt surface treatment, and is to be completed on or before Sept. 15, 1938.

- The items are:
- (1) 15.5 miles subgrading roadway and refin slope;
  - (2) 154,400 tons coarse agg. base course;
  - (3) 25,400 tons fine aggregate base course;
  - (4) 2,600 M. gals. sprinkling;
  - (5) 1,300 hours rolling;
  - (6) 103,200 gals. road oil (SC-2);

- (7) 29 each, corr. metal catch basins;
- (8) 1,134 lf. 8-in. CMP;
- (9) 1 (lump sum) resetting corr. metal catch basin and pipe;
- (10) 2,300 tons stockpiling dry aggregate.

Plans and specifications may be obtained from the office of Howard S. Reed, State Highway Engineer, Phoenix. Certified or cashier's check for 5% must accompany each proposal. \* 29

**BIDS WANTED**

SAN FRANCISCO.—Until Dec. 22, 2:30 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19052, for the improvement of Laguna Honda Blvd. (7th Avenue), from Layton Street to Plaza. Estimated cost, \$64,000.

Work involves:

- (1) 173,000 sq. ft. asph. conc. pave. (1½-in., 1½-in., 8-in.), including concrete markers;
- (2) 6,900 lf. white concrete curb (unarmored);
- (3) 350 lf. 6-in. VCP side sewer;
- (4) 62 8-in. by 6-in. Y or T branches;
- (5) 2,400 lf. 8-in. VCP sewer;
- (6) 33 lf. 15-in. VCP sewer;
- (7) 3,400 sq. ft. asph. mac. pavement (2-in. and 8-in.);
- (8) 6,300 lf. 4-in. white traffic stripes;
- (9) 900 c.y. excav.;
- (10) 13 brick manholes;
- (11) one catchbasin (reset).

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10. \* 29

**BIDS WANTED**

SAN FRANCISCO.—Until Dec. 15, 1:45 p. m., bids will be received by the Department of Public Works, Room 251, City Hall, for removing 300 cu. yds. sand and rubbish from 29th Ave., between south side of Quintara Street and 100 feet south of Quintara Street and the north line of Pacheco Street and 300 feet south of Ortega St., San Francisco.

Plans and specifications may be obtained from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of \$10 \* 29

**EXPEDECENCY**

SAN FRANCISCO.—Notice of Expediency has been passed by the San Francisco Department of Public Works, Room 251, City Hall, for the improvement of Brewer Street and others where not already improved.

Work involves:

- (1) 5604 sq. ft. asphalt-concrete pavement, consisting of a 2-in. class F concrete base and a 2-in. asphalt concrete wearing surface;
- (2) 2525 sq. ft. 6-in. class E concrete pavement;
- (3) 325 sq. ft. 2-in. asphaltic concrete wearing surface;
- (4) 494 lf. armored concrete curb;
- (5) 25 lf. unarmored concrete curb;
- (6) 11 lf. 6-in. VCP side sewers;
- (7) 700 sq. ft. brick pavement on Class F concrete base. \* 29

**CONTRACT AWARDED**

INYO CO., Cal.—Silva & Hill Const. Co., 600 E. Elk Ave., Glendale, at \$31,855, awarded contract by the State Division of Highways, H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and applying penetration oil treatment to about 29 miles between 175 miles east of Panamint Sink and Death Valley National Monument, Inyo County. \* 29

**BIDS WANTED**

LONG BEACH, Cal.—Until Jan. 4, 11 A. M., bids will be received by the Long Beach city council, E. L. MacDonald, City Clerk, for the improvement of Adriatic St. and a portion of Wardlow Rd. bet. Arlington St. and an existing water main in Wardlow Road, and portions of Baltic Ave., Denver Ave., Santa Fe Ave., and Arlington St., under 1911 Act, involving cast iron water mains, fittings, cast iron service laterals, fire hydrants with necessary grading; Spec. R-983. \* 29

**CONTRACT AWARDED**

SANTA CRUZ & SANTA CLARA COS., Calif.—Heafey-Moore Co., and Fredrickson & Watson Construction Co., 344 High Street, Oakland, at \$85,045.34, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with road-mix surfacing on crusher run base about 6.3 miles between Inspiration Point and La Gatos, Santa Cruz and Santa Clara Counties, Calif. \* 29

**CONTRACT AWARDED**

INYO CO., Calif.—Basich Bros., 20530 S. Normandie Ave., Torrance, at \$15,433.70, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with road-mix surfacing 2 miles between 1.5 miles west of Bishop and Bishop, Inyo County, Calif. \* 29

**CONTRACT AWARDED**

TULARE CO., Calif.—Independent Construction Co., Ltd., 46th Avenue and Clement St., Oakland, at \$108,397.50, awarded contract by the U. S. Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, for placing bituminous treated surfacing (Class F) on 12,500 miles on Sec. A and portion of Section B of Rt. 1, the Generals Highway, Sequoia National Park, Tulare Co. \* 29

**CONTRACT AWARDED**

MARICOPA CO., Arizona.—Tanner Construction Co., 801 Security Bldg., Phoenix, at \$113,049.06, awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on Phoenix-Preseott Highway, F.A. 59, 3rd rep. (1938) A.F.E. The work, which is to extend from Morristoryn (Hot Springs Junction) northwest a distance of approximately 3.1 miles, consists of grading, drainage, aggregate base course and cutback road mix and is to be completed on or before July 31, 1938. \* 29

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 23, 1 A. M. Union Passenger Terminal (A. J. Barclay, construction superintendent, 726 N. Alameda St.), is taking bids for electric wiring for the main station buildings under construction on Alameda St., between Aliso and Macy Streets, for the Santa Fe, Union Pacific and Southern Pacific railroads. This specification does not include ornamental and standard light fixtures, bids for which will be taken later. \* 29

**CONTRACT AWARDED**

COCHISE CO., Ariz.—Daley Corp., 430 Boundary Street, San Diego, at \$88,100.41 was awarded contract by the Arizona State Highway Commission, Phoenix, for highway improvement on Benson-Steins Pass Highway, FA 130-A (1938) AFE 8602. The work, which is to begin at Wilcox and to extend northeasterly about 6 miles, consists of grading, draining,



aggregate base course and asphaltic surface treatment, and is to be completed on or before July 31, 1938.

**BIDS OPENED**

**YAKIMA COUNTY, Wash.**—Lucich Co., 3001 21st St., Seattle, at \$45,911.25, submitted low bid to the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for constructing or improving 1.395 miles of highway, Randle - Yakima (East Side) Highway Grading Project 13-W, Washington National Forest Road Project, located within the Snoqualmie National Forest, Yakima County, Wash.

- Total bids follow:  
 Lucich Co., 3001 21st St., Seattle \$45,911.25  
 Alex Besenloff Co., Seattle 47,887.00  
 C. E. O'Neal Co., Inc., Ellensburg 51,313.00  
 Elliott & Co., Inc., Seattle 53,587.50  
 J. C. Papin, Carson 55,199.00  
 Colonial Const. Co., Spokane 56,928.00  
 Roadbuilders, Inc., Stevenson 63,670.00  
 M. L. O'Neill & Son, Eugene 64,129.75  
 E. L. Gates, Portland 65,613.90  
 Siems Spokane Co., Spokane 70,802.50  
 Unit prices are on file at the office of the Daily Pacific Builder, 465 Tenth St., San Francisco.

**BIDS OPENED**

**SAN LUIS OBISPO, Calif.** — L. A. Brisco, P.O. Box 656, Arroyo Grande, at \$8,483, submitted low bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Figueroa St., San Luis Obispo, for grading and surfacing with plant-mixed surfacing and crusher-run base and extending reinforced concrete culverts on about 0.2 mile at Harmony Creek and Pennington Creek, San Luis Obispo County.  
 R. R. Bishop, Long Beach, at \$13,930, submitted only other bid.

**BIDS OPENED**

**OAKLAND, Calif.**—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, for repairing sidewalks in the City of Oakland.

- Bids were received on:  
 (1) 1 sq. ft.;  
 (2) 24 sq. ft.;  
 (3) 25 sq. ft.;  
 (4) 50 sq. ft.;  
 (5) 100 sq. ft.;  
 (6) 200 or over sq. ft.  
 (A) Ransome Co., Emeryville.  
 (B) V. Dizilo, Oakland.  
 (C) D. Del Vigna, Oakland.

Unit prices follow:

	(A)	(B)	(C)
(1)	\$2.50	\$1.25	\$3.00
(2)	28	27	31
(3)	27	26	28
(4)	26	24	23
(5)	20	22	20
(6)	18	20	17

**BLUE PRINTS AVAILABLE**

**SACRAMENTO, Cal.**—State Highway Engineer, C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened in Los Angeles Dec. 30, 1937.

Following is a list of blue prints and prices:  
 VII-LA-168-B—Undergrade crossing under the tracks of the Union Pacific Railroad Co. near Pico; PLANS (No. of sheets, 25; cost, \$3.75; CROSS-SECTIONS (No. of sheets, 21; cost, \$2.10, total, \$5.85).  
 Plans for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P.O. Box 1499, Sacramento, Calif.

**BIDS WANTED**

**PERISHING, Co. Nev.** Until Dec. 29, 2:00 P. M., bids will be received by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 204 miles of highway from the north city limits of Lovelock to a point approximately two miles north, Pershing Co., Nev.

- Work involves:  
 (1) 2 each remove culverts (timber)  
 (2) 1,453 c.y. rdwy. excav.;  
 (3) 50 c.y. drainage excav.;  
 (4) 15,206 cu. imported borrow;  
 (5) 105 cu. struc. excav.;  
 (6) 100 cu. backfill;  
 (7) 2.04 miles subgrade, Type C;  
 (8) 10 M. gals. water;  
 (9) 12 tons liquid asphalt, Type SC2 (seal coat);  
 (10) 51 tons do (road-mix);  
 (11) 2.94 miles road-mix;  
 (12) 16 each road-mix intersections;  
 (13) 45 cu. Class A concrete;  
 (14) 4 cu. Class B concrete;  
 (15) 5,100 lbs. reinf. steel;  
 (16) 82 lf. 12-in. corr. metal pipe;  
 (17) 104 lf. 18-in. do;  
 (18) 14 sq. yds. grouted rubble gutter  
 (19) 14 each culvert markers;  
 (20) 10 each guide posts;  
 (21) 6 each monuments.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada, and from the District Office of the Bureau of Public Roads Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.

**CONTRACT AWARDED**

**KERN CO., Cal.**—Griffith Co., 502 L. Railway Bldg., Los Angeles, at \$81,676.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and paving with asphalt concrete about 19.1 miles between one mile north of Grapevine Station and ten miles south of Bakersfield, Kern Co.

**CONTRACT AWARDED**

**LOS ANGELES CO., Cal.**—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at \$17,676.50, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures and grading and paving with asphalt concrete the intersection of First-st. Blvd. and Santa Fe Ave., Los Angeles County.

**BIDS WANTED**

**MOHAVI CO., Ariz.** Until Dec. 29, 10:30 a.m. bids will be received by the Arizona State Highway Commission Phoenix, Arizona, for placing sub-grade aggregate base and seal coat surface treatment on about 25.7 miles north of Mesquite and extending northerly approximately 11.2 miles. Flagstaff-Phoenix Highway, FL 4-C, Scheel Construction Co., Ariz.

- Work involves:  
 1. 25.7 mi. sub-grade material;  
 2. 11.2 mi. sealer base course;  
 3. 11.2 mi. outlook asph. MC-2;  
 4. 7.5 mi. binder material;  
 5. 9.96 M. gal. sprinkling;  
 6. 2.70 hour rolling;  
 7. 6.00 ton stockpiling dry aggregate.  
 Plans and specifications may be obtained at the office of the Arizona State Highway Department, Howard S. Reed, State Highway Engineer, 17th Ave. and Jackson St., Phoenix, Ariz.

**BIDS WANTED**

**LYON COUNTY, Nev.**—Until Dec. 29, 1:30 P. M., bids will be received by the Directors of the Department of Highways, Heroes Memorial Bldg., Carson City, Nevada, for the construction of 4.10 miles of highway from 5.15 miles north of Wabaska to Weeks, Route 2E, Section B, Lyon County, Nevada.

- Work involves:  
 (1) 76 each remove trees;  
 (2) 15 each remove stump;  
 (3) 7,347 lf. remove fence;  
 (4) 178 lf. remove culvert pipe;  
 (5) 1 each remove check gate;  
 (6) lump sum remove bridge;  
 (7) 54,201 cu. rdwy. excav.;  
 (8) 2,540 c.y. drainage excav.;  
 (9) 54 sta. V-type ditches;  
 (10) 57 sta slope bunding;  
 (11) 743,719 cu. sta. overhaul, 3/4 sta.;  
 (12) 17,325 cu. m. overhaul, 3/4 mi.;  
 (13) 135,071 cu. struc. excav.;  
 (14) 825 cu. backfill;  
 (15) 107 miles subgrade, type C;  
 (16) 8 M. gals. water;  
 (17) 8,775 tons Type I gravel base;  
 (18) 17,698 tons gravel surface;  
 (19) 191 cu. Class A concrete;  
 (20) 35 cu. Class B concrete;  
 (21) 276 cu. Class D concrete;  
 (22) 52 cu. Class D concrete, for seal  
 (23) 318 lf. concrete rail;  
 (24) 7,902 lbs. reinf. steel;  
 (25) 4,339 lbs. struc. steel;  
 (26) 0.95 MFBI Roadwood;  
 (27) 1,140 lf. untreated timber piles;  
 (28) 480 lf. treated timber piles;  
 (29) 61 each drive timber piles;  
 (30) 320 lf. 18-in. corr. metal pipe;  
 (31) 314 lf. 24-in. do;  
 (32) 110 lf. 36-in. do;  
 (33) 68 lf. 1 1/2-in. culvert pipe;  
 (34) 7,203 lf. reconstruct fence;  
 (35) 45 each monuments;  
 (36) 45 lf. timber curb;  
 (37) lump sum reconstruct railroad crossing.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada, and from the District Office of the Bureau of Public Roads Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.

**CONTRACT AWARDED**

**ORANGE CO., Calif.** Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at \$26,480, awarded contract by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for construction of drainage structures, excavating ditches and grading 2.1 miles of road approaches and apply penetration oil treatment thereto, between Enter Point and the north arm of Newport Bay, Orange Co.

**CONTRACT AWARDED**

**LOS ANGELES CO., Calif.** Sitalo & Ramjak, 176 Combs St., at \$24,393.65, awarded contract by the Los Angeles Board of Public Works for improvement of Palmdale St. betw. Redwood Blvd. and 15th Ave., PWD Proc'd. 101-D, 10-1-37.

**LOW BIDDER**

**YAKIMA COUNTY, Wash.**—Lucich Co., 3001 21st St., Seattle, at \$45,911.00, submitted lowest bid to the U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, for constructing or improving 1.395 miles of highway, Randle - Yakima (East Side) Highway Grading Project 13-W, Washington National Forest Road Project, located within the Snoqualmie National Forest, Yakima County, Wash.

**BIDS WANTED**

**PHOENIX, Ariz.** Until Dec. 29, 10:30 a.m. bids will be received by the Arizona State Highway Department, Howard S. Reed, State Highway Engineer, 17th Ave. and Jackson St., Phoenix, Ariz.

of Tenth, Eleventh, Twelfth and Diamond Streets in Phoenix.

Work involves:

ALTERNATE NO. 1

- (1) 2,245 cu. yd. process pavement 3-in. thick, complete in place (track area);
- (2) 2,245 sq. yds. 2-in. aggregate base course under oil process pavement, complete in place (track area);
- (3) 2,245 sq. yds. grading under oil process pavement (track area);
- (4) 24,800 sq. yds. 4.7-in. Portland cement concrete pavement with integral curb & thickened edges, complete in place;
- (5) 24,800 sq. yds. grading under 4.7-in. Portland cement conc. pave.;
- (6) 2,100 sq. yds. Portland cement concrete pave. 6-in. thick, complete in place;
- (7) 2,100 sq. yds. grading under 6-in. concrete pavement;
- (8) 9,400 sq. yds. parkway grading;
- (9) 39,000 sq. ft. Portland cement concrete sidewalk 4-in. thick, complete in place;
- (10) 45 lf. combined curb and gutter Detail E-1 complete in place
- (11) 185 lf. 8-in. plain concrete pipe complete in place;
- (12) 43 lf. 8-in. concrete pipe Detail X complete in place;
- (13) 10 each adjusting valve boxes, complete in place;
- (14) 13 each adjusting manhole covers, complete in place;
- (15) 7 each resetting street signs, complete in place;
- (16) 7 monument covers Detail K, complete in place;
- (17) 7 each street signs, Detail P, complete in place;
- (18) 1 each manhole Detail No. 4, complete in place;
- (19) 4 each gutter inlets, Detail 6, complete in place;

ALTERNATE NO. 2

- (1) 2,245 sq. yds. oil processed pavement 3-in. thick, complete in place (track area);
- (2) 2,245 sq. yds. 2-in. agg. base course under oil process pavement, complete in place (track area);
- (3) 2,245 sq. yds. grading under oil process pavement (track area);
- (4) 21,355 sq. yds. oil processed pavement 3-in. thick, complete in place;
- (5) 21,355 sq. yds. 6-in. agg. base course under oil process pavement, complete in place;
- (6) 21,355 sq. yds. grading under oil process pavement;
- (7) 2,000 sq. yds. 6-in. Portland cement concrete pavement, complete in place;
- (8) 2,000 sq. yds. grading under 6-in. thick Portland cement concrete pavement;
- (9) 9,400 sq. yds. parkway grading;
- (10) 39,000 sq. ft. Portland cement concrete sidewalk 4-inch thick, complete in place;
- (11) 13,060 lf. combined curb and gutter, Detail E-1, complete in place;
- (12) 620 lf. single curb, Detail F-1, complete in place;
- (13) 610 lf. Valley gutter, Detail Z, complete in place;
- (14) 195 lf. single gutter, Detail G, complete in place;
- (15) 185 lf. 8-in. plain conc. pipe, complete in place;
- (16) 43 lf. 8-in. conc. pipe, Detail X, complete in place;
- (17) 10 each adjusting valve boxes, complete in place;
- (18) 13 each adjusting manhole covers, complete in place;
- (19) 7 each resetting street signs, complete in place;
- (20) 7 each monument covers, Detail K, complete in place;
- (21) 7 each street signs, Detail P, complete in place;

- (22) leach manholes, Detail No. 4, complete in place;
- (23) 4 each gutter inlets, Detail 6, complete in place.

Plans and specifications may be obtained from City Engineer, Phoenix, upon deposit of \$5.00. \* 29

COMPLETE BIDS

PHOENIX, Maricopa Co., Arizona—Phoenix-Tempe Stone Co., Phoenix, at \$34,992.65 submitted low bid to the Phoenix City Commission for improvement of portions of 11th Ave. and 13th Ave. in accordance with plans prepared by Jas. Girand, City Engineer.

Work involves:

- (1) 12,630 sq. yds. plant-mix oil processed pave, 3-in. thick;
- (2) 12,630 sq. yds. 6-inch aggregate base course under pave.
- (3) 12,630 sq. yds. of grading under pave.
- (4) 1870 sq. yds. 6-in. cement concrete pave.;
- (5) 1870 sq. yds. grading under concrete pave.;
- (6) 8,020 lf. combined curb and gutter;
- (7) 610 lf. valley gutter;
- (8) 725 lf. single curb;
- (9) 3,670 lf. 8-inch plain concrete pipe;
- (10) 3,590 lf. 10-inch do;
- (11) 119 lf. 12-inch do;
- (12) 19 each manholes;
- (13) 12 each gutter inlets;
- (14) 3 each junction boxes;
- (15) 2 each monument covers;
- (16) 7 each, adjusting manhole covers.

Total bids follow:

- (A) Phoenix - Tempe Stone Co., Phoenix . . . . . \$34,992.65  
 (B) Daley Corp., San Diego 36,128.50  
 (C) Arizona Sand and Rock Company . . . . . 36,375.35  
 (D) W. E. Hall Company . . . . . 38,419.75  
 (E) Oswald Bros., L. A. . . . . 39,119.25  
 (F) Lewis Brothers . . . . . 48,458.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$2	\$.63	\$.60	\$.63	\$.70	\$.85
(2)	24	25	.29	29	30	30
(3)	22	23	.25	27	25	30
(4)	2.00	1.70	1.77	1.75	2.00	2.50
(5)	28	28	.25	27	25	30
(6)	1.08	1.08	1.06	1.19	1.00	1.30
(7)	1.08	1.10	.85	1.19	1.00	1.25
(8)	.75	.80	.65	.85	.75	.90
(9)	.60	.70	.77	.72	.80	1.10
(10)	.65	.80	.85	.82	1.00	1.35
(11)	7.00	1.00	92	95	1.35	1.50
(12)	75.00	80.00	84.00	80.00	70.00	100.00
(13)	45.00	60.00	36.00	62.00	75.00	85.00
(14)	40.00	26.00	40.00	56.00	60.00	60.00
(15)	15.00	15.00	16.00	15.00	20.00	15.00
(16)	15.00	5.00	5.00	6.00	10.00	7.00

CONTRACT AWARDED

YERBA BUENA ISLAND.—Parish Bros., 1222 Gower St., Hollywood, at \$67,965, awarded contract by the San Francisco Bay Exposition Co. for construction of the East Portal Blvd. on Yerba Buena Island; Contract No. 120. \* 29

CONTRACT AWARDED

LONG BEACH, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at \$43,413, awarded contract by the Long Beach City Manager for the improvement of Alamos Ave. from Ocean Blvd. to 7th St. and California Ave. from Alamos Ave. to 7th St. \* 29

BIDS WANTED

ORANGE CO., Cal.—Until Jan. 6, 2 P. M. bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, for grading and surfacing with plant mixed surfacing 9 miles and constructing a reinforced concrete bridge at Oso creek, Orange County.

Work involves:

- (1) 46 sta. clear and grub right of way;
  - (2) 500 M. gals. water;
  - (3) 710 cu. yds. remove existing conc.;
  - (4) 1 only remove exist. bridge;
  - (5) 17,500 cu. yds. excav. unclass.
  - (6) 210,000 sta. yds. overhaul;
  - (7) 160 cu. struc. excav.;
  - (8) 160 cu. y. ditch and channel excavation;
  - (9) 6,500 tons imported subgrade material;
  - (10) 20 sta. finishing rdwy.;
  - (11) 20 tons liquid asph. SC-2 prime coat;
  - (12) 2,550 tons mineral agg. plant-mix surf. (medium curing type);
  - (13) 135 tons liquid asphalt ROMC-4 or ROMC-5 plant mix surf. (medium curing type);
  - (14) 2,100 sq. yds. asph. paint binder;
  - (15) 2,300 tons min. agg. plant mix surf. (slow curing type);
  - (16) 120 tons liquid asph. SC-4 plant mix surf. (slow curing type);
  - (17) 58,100 lbs. bar reinf. steel;
  - (18) 218 cu. y. Class A Portland cement conc. struc.;
  - (19) 10 cu. y. do for railing;
  - (20) 50 cu. y. do for slope paving;
  - (21) 50 lf. 8-in. CMP;
  - (22) 60 lf. 12-in. CMP;
  - (23) 60 lf. 30-in. CMP;
  - (24) 5 each spillway assemblies;
  - (25) 1 only automatic drainage gate;
  - (26) 70 lf. laminated guard railing;
  - (27) 5 each culvert markers;
  - (28) 0.2 mile move and reset exlat. property fence;
  - (29) 1,000 lf. furnish cast in place piles;
  - (30) 25 each driving shells piles;
  - (31) 2 each clearance markers.
- Plans and specifications may be obtained from the above office. \* 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$4534.20, submitted low bid and was awarded contract by the San Jose City Council, John J. Lynch, City Clerk, for paving and improving Lincoln Ave. from Los Gatos Creek Bridge to South Property Line of Willow St. and Coe Ave., San Jose.

Work involves:

- (1) 1015 tons asphalt concrete wearing surface;
- (2) 23 tons asphalt concrete, Type C, surface for gutters, driveway ramps;
- (3) 7600 sq. yd. paint binder coat;
- (4) 3500 sq. ft. asphalt surface only removed.

Total bids follow:

- (A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$4,534.20  
 (B) A. J. Raich, San Jose—\$4,730.80

Unit prices follow:

	(A)	(B)
(1)	\$.39	\$.410
(2)	15.00	10.00
(3)	.015	.02
(4)	.03	.05

BIDS WANTED

SAN JOAQUIN CO., Calif.—Until January 5, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Bldg., Sacramento, for grading and surfacing with untreated crushed gravel or stone 5.5 miles between Bacon Island Ferry and Mandeville Island Ferry, San Joaquin County.

Work involves:

- (1) 500 M. gals. water;
- (2) 10,000 cu. yd. excav. unclass.;
- (3) 65,000 tons yds. overhaul;
- (4) 14,850 tons of untreated crushed gravel or stone surf.

Plans and specifications may be obtained from the above office.

**BIDS WANTED**

**OAKLAND, Calif.**—Until Dec. 21, 2 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for repaving a portion of San Pablo Ave., Oakland.

Plans and specifications may be obtained from the above office.

Bids previously called for Dec. 14 were returned unopened. \* 29

**30—RESERVOIRS & DAMS****CONTRACTS AWARDED**

**CLATSOP COUNTY, Ore.**—Tacoma Dredging Co., Tacoma, at \$65,218.00 (Section B), and Harold Blake, Portland, at \$41,090 (Sec. C) were awarded contracts by the U. S. Engineer Office, 306 Custom House, Portland, Oregon, under Bid No. 698-58-128, for strengthening and rebuilding approximately 34,020 feet of existing levee, constructing approximately 5,960 ft. of new levee, of 9,700 ft. of rock riprap revetment and drainage works, situated in Drainage District No. 1, and Blind Slough Diking District in Clatsop County, Oregon. The Government will handle Section A with own labor. \* 30

**BIDS WANTED**

**COLUMBIA CO., Ore.**—Until Dec. 30, 3 p.m., bids will be received by the U. S. Engineer Office, Portland, Ore., under Bid No. 698-38-235, for clearing and reconstructing levees, constructing tide boxes, pipe lines, rubble masonry catch basins, drainage ditches, and bank protection revetment in the Clatskanie area, consisting of a portion of Beaver Drainage District, Magruder Drainage District, Midland Drainage District, Marshland Drainage District, Webb District Improvement Co., Woodson Drainage District, and Westland District Improvement Co., Columbia Co., Oregon.

Work involves:

- (1) 184 acres clearing and grubbing.
- (2) 198 acres stripping.
- (3) 26,500 c.y. excav., inspection ditches for hydraulic suction dredge levees;
- (4) 37,900 c.y. excav., drainage ditch and canal;
- (5) 7500 lf. cleaning out Larson Slough (Beaver Dist.);
- (6) 780 c.y. excav. for tide boxes;
- (7) 3620 c.y. strc. excav. for tide boxes;
- (8) 4683 c.y. backfill for tide boxes;
- (9) 1 MFEM creosoted lumber, in place;
- (10) 0.17 MFEM untreated lumber, in place;
- (11) 82 MFEM untreated tongue & groove sheet piling, in place;
- (12) 210 lf. creosoted round piling, in place;
- (13) 1224 lf. untreated round piling, in place;
- (14) 418 lf. 18-in. creosoted wood stave pipe, in place;
- (15) 54 lf. 36-in. corrug. iron pipe, in place;
- (16) 3352 c.y. reinf. conc., in place;
- (17) 2 each, 18-in. diam. circular automatic drainage gates, in place;
- (18) 5 each, 5 ft. by 5 ft. square automatic drainage gates, in place;
- (19) 50 c.y. rubble masonry, in place.

**SECTION B**

(20) 1,035,610 c.y. levee embankment, hydraulic suction dredge, in place.

**SECTION C**

- (21) 100,200 c.y. levee embankment bucket dredge, in place;
- (22) 58,590 c.y. levee embankment dragline, in place;
- (23) 40,760 c.y. levee embankment truck haul, in place;
- (24) 53,512 c.y. mt. truck overhaul,

- (25) 12,900 c.y. fill, old borrow pit;
- (26) 32,000 c.y. removal of low levee,

**SECTION D**

- (27) 4 acres clearing for riprap;
- (28) 31,895 c.y. bank sloping;
- (29) 4549 c.y. rock riprap revetment, in place.

Plans and specifications may be obtained from the above office upon deposit of \$5.00. \* 30

**COMPLETE BIDS**

**GRAND COULEE, Wash.**—Interior Construction Co., 1522 Latham Square Bldg., Oakland, at \$31,412,240, submitted low bid to the U. S. Bureau of Reclamation, Civic Bldg., Spokane, Wash., under Spec No. 757, for the completion of the Grand Coulee Dam, left powerhouse and foundation for the pumping plant, Columbia Basin Project, located about 100 mi. west of Spokane, Wash.

Interior Construction Co. includes: WAK (Mason-Walsh-Atkinson-Kier Co.); Morrissey-Ryan, Boise; J. F. Shea Co., Inc., Los Angeles; MacDonald & Kahn, San Francisco; Pacific Bridge Co., San Francisco; Henry J. Kaiser, San Francisco; Utah Construction Co., Ogden; General Construction Co., Seattle.

Pacific Construction Company has as component companies: The Griffith Co., Los Angeles; Lawler & McGuire, Butte; Shofner-Gordon & Hinman, Denver; Metropolitan Constr. Co., Los Angeles; D. W. Thurston, Pasadena; American Concrete & Steel Pipe Co., Los Angeles; Hankin & Conkey, Cleveland, and L. E. Dixon Co., Los Angeles.

Work involves:

- (1) Lump sum, diversion and care of river during construction and unwatering foundations;
- (2) Lump sum, dismantling and removing temporary suspension bridge and conveyor lines;
- (3) 475,000 c.y. excav., all classes, stripping sand and gravel deposits;
- (4) 10,000 c.y. excav., common, for foundations of dam, powerhouse and pumping plant;
- (5) 210,000 c.y. excav., rock for foundations of dam, powerhouse and pumping plant;
- (6) 11,000 c.y. trimming rock foundations excav. by previous contractor;
- (7) 800 c.y. excav., all classes in open cut for tunnels;
- (8) 900 c.y. excav., all classes, in pumping plant drainage tunnel;
- (9) 5,000 c.y. excav. all classes in tunnels for pumping plant discharge pipes;
- (10) 5000 c.y. excav. all classes, in other tunnels and in elevator shafts;
- (11) 1,500 c.y. excav., common, for roads and railroad;
- (12) 118,000 c.y. excav., rock, for roads and railroad;
- (13) 3,000 c.y. excav. of silt and debris from structures;
- (14) 200 c.y. excav. of concrete;
- (15) 18,000 square feet chipping and punching existing concrete;
- (16) 1,000 c.y. backfill;
- (17) 15,000 c.y. compacted fill;
- (18) 700 c.y. riprap;
- (19) 600 c.y. rubble masonry walls;
- (20) 1700 c.y. silt grouted paving;
- (21) 400 lf. placing 18-in. CMP culverts;
- (22) 600 c.y. placing water-bound macadam base course;
- (23) 200 c.y. crushed rock for wearing course in place;
- (24) 77,000 c.y. hauling and spreading road fill;
- (25) 21,000 cu. yd. mixing, compacting and finishing oil-treated wearing course;
- (26) 1500 lf. constructing guard rails;

- (27) 750 track ft. laying ties and rails;
- (28) 530 anchors applying rail anchors;
- (29) 600 c.y. ballasting railroad track;
- (30) 15,000 lf. drilling "B" grout holes not more than 30 ft. deep;
- (31) 4000 lf. drilling "B" grout holes more than 30 feet deep and not more than 50 feet deep;
- (32) 3000 lf. drilling "C" grout holes more than 30 feet deep and not more than 75 feet deep;
- (33) 9000 lf. drilling "C" grout holes more than 75 feet deep and not more than 125 feet deep;
- (34) 11,000 lf. drilling "A" grout holes not more than 50 feet deep;
- (35) 11,000 lf. drilling "A" grout holes more than 50 feet deep and not more than 100 ft. deep;
- (36) 31,000 lf. drilling "A" grout holes more than 100 ft. deep and not more than 150 ft. deep;
- (37) 42,000 lf. drilling "A" grout holes more than 150 feet deep and not more than 200 ft. deep;
- (38) 4000 lf. drilling "A" grout holes more than 200 ft. deep and not more than 500 ft. deep;
- (39) 3000 lf. drilling drainage holes not more than 25 ft. deep;
- (40) 40,000 lf. drilling drainage holes more than 25 feet deep and not more than 75 feet deep;
- (41) 1000 lf. drilling drainage holes more than 50 feet deep and not more than 75 feet deep;
- (42) 2000 lf. drilling drainage holes more than 75 feet deep and not more than 100 feet deep;
- (43) 1000 lf. drilling drainage holes more than 100 feet deep and not more than 150 feet deep;
- (44) 7000 lf. drilling drainage holes more than 150 feet deep and not more than 200 feet deep;
- (45) 200 lf. drilling weep holes;
- (46) 800 lf. drilling holes for anchor bars and grouting bars in place;
- (47) 170,000 cu. ft. place concrete grouting for piles and tunnels;
- (48) 50,000 cu. ft. place pipe or tubing less than 8 inches in diameter by casting methods;
- (49) 171,000 lf. cement grouting and placing power concrete drain tile;
- (50) 800 lf. concrete for 6-in. diam. sewer pipe drains;
- (51) 3,500,000 c.y. concrete in dams;
- (52) 7500 c.y. concrete in spillway training wall;
- (53) 31,000 c.y. concrete in trash-rack structures;
- (54) 3300 c.y. concrete in centerlines of breast adjustment ditches;
- (55) 2100 c.y. concrete lining in tunnels, adits, and shafts;
- (56) 210 c.y. concrete in control cable-galley extension;
- (57) 85,000 c.y. concrete in spillway crest and piers;
- (58) 2000 c.y. concrete in sidewalks and parapets on dam;
- (59) 1100 c.y. concrete in elevator access and gallery entrances;
- (60) 7100 c.y. concrete in bridges;
- (61) 37,000 c.y. concrete in powerhouse substructure;
- (62) 27,000 c.y. concrete in power house intermediate structure;
- (63) 20,000 c.y. concrete in power house superstructure;
- (64) 12,000 c.y. second-stage concrete in powerhouse;
- (65) 600 c.y. concrete in road training and paving for gantry cranes;
- (66) 21 c.y. concrete in chutes;
- (67) 900 c.y. concrete backfill in shaft, spillways, gutters and chutes;
- (68) 230 c.y. concrete backfill in shaft, spillways, gutters and chutes;

- (69) 41,000 c.y. concrete backfill around penstock pipes;
- (70) 900 cu. ft. concrete backfill in pipes 8-inch nominal diameter and larger;
- (71) 28,000 c.y. concrete backfill in twist adjustment slots;
- (72) 125,000 lbs. furnishing and installing steel tunnel-liner plates;
- (73) 50,000,000 lbs. placing reinforcement bars and fabric;
- (74) 35,000 sq. yds. special finishing of concrete surfaces;
- (75) 2200 recesses finishing lighting recesses;
- (76) 40 c.y. concrete cover around reinforcement-bar dowels;
- (77) 250,000 intersections insulating reinforcement bars and conduit;
- (78) 7100 welds welding reinforcement bars;
- (79) 59,000 lf. removing protective covering from reinforcement bars;
- (80) 23,000 lf. paint reinforcement-bar dowels;
- (81) 700 splices, splicing broken reinforcement bars;
- (82) 500 tests, testing reinforcement-bar dowels and welded splices;
- (83) 8 bulkheads, removing concrete bulkheads in unwatering and pipe galleries;
- (84) 9 bulkheads, removing precast concrete bulkheads covering 30-inch diameter manholes in the unwatering galleries;
- (85) 4000 lf. cutting, bending or removing existing temporary metal sealing strips;
- (86) 4000 lf. repairing and completing installation of existing metal sealing strips;
- (87) 425,000 lf. installing metal sealing strips in contraction and expansion joints;
- (88) 8000 lf. installing metal sealing strips in construction joints in powerhouse;
- (89) 1,400,000 lbs. installing contraction-joints grout tubing and fittings;
- (90) 4,700,000 lbs. installing metal tubing and fittings for concr. cooling system;
- (91) 1,250,000 lbs. dismantling cooling headers and fittings;
- (92) 750,000 lbs. installing cooling headers and fittings;
- (93) 137,000 lf. installing cover plates on grout grooves;
- (94) 147,000 sq. ft. installing expansion-joint filler;
- (95) 11,600 sq. ft. placing joint filler in twist adjustment slots;
- (96) 10,000 sq. ft. removing joint filler from twist adjustment slots;
- (97) 2000 lf. installing timber supports in twist adjustment slots;
- (98) 25,600 c.y. placing sand fill in twist adjustment slots;
- (99) 28,000 c.y. removing sand, gravel, tile, timber and canvas sealing strips from twist adjustment slots;
- (100) 6000 lf. placing and reliequifying asphalt seals;
- (101) 59,000 sq. ft. installing bituminous-mastic felt roofing, complete with flashing;
- (102) 59,000 sq. ft. installing bituminous mastic on roofs;
- (103) 9000 sq. ft. placing 2-in. cork insulation on roofs;
- (104) 800 c.y. lightweight concrete in floors;
- (105) 30,000 sq. yds. placing bonded-concrete floor finish;
- (106) 6000 lf. placing cement wall base;
- (107) 500 sq. ft. manufacturing and placing precast terrazzo floor slabs, 3 inches thick;
- (108) 600 lf. installing terrazzo treads, risers and wall base for stairs;
- (109) 8000 sq. ft. installing bonded-terrazzo floors and landings, 1½ inches thick;
- (110) 5000 sq. ft. installing unbonded-terrazzo floors and landings, 3 inches thick;
- (111) 1500 lf. installing terrazzo-cove wall base;
- (112) 30,000 sq. yds. applying liquid floor hardener;
- (113) 8000 sq. ft. installing glass block panels;
- (114) 120 cubic yards manufacturing and placing precast reinforced-concrete framing members for glass block panels;
- (115) 500 sq. ft. installing structural glass partitions;
- (116) 11,000 sq. ft. installing structural glass wainscot, including base;
- (117) 1100 sq. yds. constructing suspended ceilings;
- (118) 60 sq. yds. hollow walls of metal lath and plaster;
- (119) 1500 sq. yds. plaster on concrete walls and ceilings;
- (120) 500 sq. yds. installing terracotta units;
- (121) 8500 sq. yds. painting concrete walls;
- (122) 2000 sq. ft. installing lead sheet membrane waterproofing;
- (123) 16,000 sq. ft. installing 5-ply bituminous membrane waterproofing;
- (124) 7500 sq. yds. waterproofing of exterior walls;
- (125) 15,300,000 lbs. installing drum gates;
- (126) 1,300,000 lbs. installing drum-gate control mechanisms;
- (127) 5,870,000 lbs. installing gate frames, seats, guides and atop-log seats and guides;
- (128) 600,000 lbs. installing penstock intake gates;
- (129) 725,000 lbs. installing bulkhead gates;
- (130) 290,000 lbs. installing penstock intake gate hoists;
- (131) 26,000,000 lbs. installing outlet control gates, hoists, and metal conduit linings;
- (132) 51,000 lbs. installing operating and control apparatus for hydraulically operated gates;
- (133) 1,850,000 lbs. installing upstream section of each penstock;
- (134) 900,000 lbs. installing pump inlet pipes;
- (135) 1000 holes drilling, tapping, and plugging grout holes in penstocks and pump inlet pipes;
- (136) 375,000 lbs. installing metal pier noses in draft tubes;
- (137) 2,110,000 lbs. installing structural steel;
- (138) 2,660,000 lbs. installing traveling and gantry cranes;
- (139) 1,860,000 lbs. installing trash rails;
- (140) 5,240,000 lbs. installing trash-rail guides and supports;
- (141) 18,600,000 lbs. installing trash-rack sections;
- (142) 43,000 sq. yds. cleaning and painting interior surfaces of penstocks;
- (143) 430,000 lbs. installing metal tubing, brass, steel and cast-iron pipe, fittings, and valves less than 6 inches nominal diameter;
- (144) 4,200,000 lbs. installing metal tubing, brass, steel and cast-iron pipe, fittings, and valves 6 inches and greater, nominal diameter;
- (145) 300 plugs removing leaded-in cast-iron plugs;
- (146) 7 bulkheads, removing grouted-in cast-iron bulkheads;
- (147) 11 covers, removing grouted-in concrete and wooden pipe covers;
- (148) 46,000 lbs. installing steel or iron pipe handrails;
- (149) 10,600 lbs. installing aluminum pipe handrails and curbs;
- (150) 341,000 lbs. installing metal stairways;
- (151) 437,000 lbs. installing metal frames, gratings, platforms and covers for floor openings;
- (152) 50,000 lbs. installing metal drain inlets;
- (153) 9000 lbs. installing metal protectors for concrete edges;
- (154) 100,000 lbs. installing metal bearing-plate assemblies;
- (155) 60,000 lbs. installing drainage and sump pumps and accessories for drainage sewage disposal, and draft-tube unwatering purposes;
- (156) 104,000 lbs. installing oil-storage tanks;
- (157) 1000 sq. ft. installing metal accordion doors;
- (158) 6000 sq. ft. installing metal swinging doors;
- (159) 1500 lbs. installing metal swinging gates;
- (160) 600 sq. ft. installing metal-sash windows;
- (161) 700 sq. ft. installing metal partitions;
- (162) 35,000 lbs. installing metal inserts;
- (163) 3000 lf. installing metal expansion joints in floors;
- (164) 2500 lf. installing metal expansion-joint facing in walls;
- (165) 348,000 lbs. installing miscellaneous metalwork;
- (166) 450 sq. ft. installing wooden doors;
- (167) 9000 lbs. installing plumbing fixtures and appurtenant hardware;
- (168) 90,000 lf. installing electrical metal conduit 1½ inches or less in diameter;
- (169) 44,000 lf. installing electrical metal conduit larger than 1½ inches and not larger than 3 inches in diameter;
- (170) 5300 lf. installing electrical metal conduit larger than 3 inches in diameter;
- (171) 1000 lf. installing electrical non-metallic conduit;
- (172) 60,000 lbs. installing electrical apparatus;
- (173) 100,000 lbs. installing electrical conductors;
- (174) 46,000 lbs. installing ground wires;
- (175) 83,000 lf. installing electrical cable for resistance thermometers, strain-meters, thermometers, and jointmeters, embedded in concrete;
- (176) 900 barge days operating concrete cooling plant;
- (177) 210 tons transporting fabricated penstocks from Odair, Washington to dam;
- (178) 9000 tons transporting unfabricated penstock and pump inlet pipe material from Odair, Wash., to fabricating plant;
- (179) 8000 tons transporting penstocks from fabricating plant to dam;
- (180) 310 cars transporting freight of all kinds on the construction railroad for the Government or its agents, other than the contractor, in carlots between delivery yard and Government siding at head of Grand Coulee;
- (181) 5000 cwt. transporting freight of all kinds on the construction railroad for the Government or its agents, other than the contractor, in less than carlots between delivery yard and Government siding at head of Grand Coulee;
- (182) 100 cars transporting freight of all kinds on the construction railroad for the Government or its agents, other than the contractor, in carlots between delivery yard and siding at Gov-

ernment warehouse;  
 (183) 2000 cwt. transporting freight of all kinds on the construction railroad for the Government or its agents, other than the contractor, in less than carlots between delivery yard and siding at Government warehouse;  
 (184) 1000 tons transporting freight of all kinds for the Government or its agents other than the contractor between Government siding at head of Grand Coulee and powerhouse;  
 (185) Lump sum, purchase of camp and construction facilities from the Government by the Contractor.

Total bids follow:

(A) Interior Const. Co., 1522 Latham Square Bldg., Oakland, \$34,442-240.00.  
 (B) Pacific Constructors, Inc., 708 Architects' Bldg., Los Angeles, \$42,185,802.50.

Unit prices follow:

	(A)	(B)
(1)	\$727,000.00	\$100,000.00
(2)	10,000.00	40,000.00
(3)	30	30
(4)	1.50	7.00
(5)	3.75	7.00
(6)	6.00	10.00
(7)	6.00	7.00
(8)	25.00	20.00
(9)	10.00	20.00
(10)	19.00	20.00
(11)	1.50	3.50
(12)	2.00	3.50
(13)	2.75	6.00
(14)	45.00	7.00
(15)	70	30
(16)	75	50
(17)	1.15	1.00
(18)	3.00	1.50
(19)	14.00	20.00
(20)	2.85	2.00
(21)	1.75	1.00
(22)	3.00	1.50
(23)	3.30	1.50
(24)	.05	10
(25)	.40	.15
(26)	.60	2.00
(27)	1.70	1.00
(28)	.20	.50
(29)	3.00	1.50
(30)	1.90	2.00
(31)	1.90	2.25
(32)	1.90	2.50
(33)	1.90	2.75
(34)	2.05	2.00
(35)	2.05	2.25
(36)	2.75	2.50
(37)	3.00	4.00
(38)	4.00	5.00
(39)	3.15	2.25
(40)	3.50	2.50
(41)	4.00	2.75
(42)	4.50	3.00
(43)	5.50	3.50
(44)	8.00	1.00
(45)	1.75	1.00
(46)	2.30	1.00
(47)	1.40	1.50
(48)	1.85	1.00
(49)	1.15	1.00
(50)	1.15	1.00
(51)	3.53	5.42
(52)	11.50	12.00
(53)	25.00	20.00
(54)	18.50	20.00
(55)	35.00	22.00
(56)	30.00	22.00
(57)	15.00	10.00
(58)	30.00	20.00
(59)	30.00	33.00
(60)	45.00	26.00
(61)	15.00	12.00
(62)	24.00	22.00
(63)	38.00	20.00
(64)	19.00	10.00
(65)	35.00	30.00
(66)	35.00	30.00
(67)	15.00	10.00
(68)	75.00	20.00
(69)	7.00	10.00
(70)	2.25	1.00
(71)	8.00	8.00

(72)	.09	.06
(73)	.023	.017
(74)	90	1.00
(75)	5.75	2.00
(76)	28.00	20.00
(77)	.06	.15
(78)	.85	1.50
(79)	.30	.05
(80)	.20	.10
(81)	4.00	5.00
(82)	9.00	5.00
(83)	100.00	100.00
(84)	25.00	10.00
(85)	.70	1.00
(86)	1.40	1.00
(87)	.60	.50
(88)	1.15	.75
(89)	.17	.06
(90)	.09	.06
(91)	.09	.02
(92)	.09	.05
(93)	.60	.25
(94)	.25	.15
(95)	.25	.15
(96)	4.45	.50
(97)	1.75	2.00
(98)	1.25	1.50
(99)	3.50	2.00
(100)	2.00	.25
(101)	.30	.08
(102)	.20	.10
(103)	.25	.10
(104)	20.00	20.00
(105)	4.50	1.00
(107)	.90	.50
(107)	2.50	1.00
(108)	2.75	1.50
(109)	2.25	.50
(110)	2.25	.60
(111)	1.75	1.50
(112)	.78	.05
(113)	1.15	.50
(114)	70.00	50.00
(115)	1.15	1.00
(116)	1.15	.50
(117)	2.85	1.00
(118)	4.50	5.00
(119)	2.20	1.00
(120)	5.75	1.50
(121)	.45	.25
(122)	.90	.50
(123)	.30	.15
(124)	.85	.30
(125)	.023	.027
(126)	.06	.05
(127)	.03	.027
(128)	.017	.02
(129)	.045	.05
(131)	.02	.02
(132)	.09	.02
(133)	.023	.02
(134)	.03	.025
(135)	5.75	2.00
(137)	.016	.027
(138)	.013	.027
(139)	.023	.015
(140)	.069	.015
(141)	.70	.50
(142)	10	.075
(143)	06	06
(144)	7.00	2.00
(145)	25.00	10.00
(146)	10.00	10.00
(147)	.09	.10
(148)	.30	.20
(149)	.035	.05
(150)	.045	.03
(151)	.045	.05
(152)	.12	.10
(153)	.045	.06
(154)	.045	.075
(155)	.03	.02
(156)	.45	.25
(157)	.45	.25
(158)	.09	.10
(159)	.15	.50
(160)	.09	.50
(161)	.25	.10
(162)	.15	1.00
(163)	.45	1.00
(164)	.12	1.00
(165)	.50	.25
(166)	.30	.15
(167)	.15	.20
(168)	.50	.20
(169)	.80	.20
(170)	.15	.20

(172)	.20	.10
(173)	.25	.10
(174)	.40	.10
(175)	.12	.06
(176)	15.000	100.00
(177)	4.50	1.00
(178)	1.15	.50
(179)	4.50	.50
(180)	55.00	25.00
(181)	.30	.10
(182)	70.00	10.00
(183)	.50	.10
(184)	4.00	.50
(185)	500,000.00	500,000.00

31—PIPE LINES & WELLS

LOW BIDDER  
 SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$1,870, submitted low bid to the San Francisco Bay Exposition Co., 585 Bush St., San Francisco, for the construction of a 20-inch water main and appurtenances on the Causeway between Yerba Buena Island and the Exposition site. \* 31

CONTRACT AWARDED  
 SAN FRANCISCO.—E. J. Treacy, 430 Call Bldg., San Francisco, at \$2,271.15, awarded contract by the Public Utilities Commission, Room 287, City Hall, under Spec. W.D. 162, for laying of 4, 6 and 8-inch cast iron mains in Geneva Terraces and Mt. Davidson Subdivision, San Francisco. \* 31

LOW BIDDER  
 COWLITZ CO., Wash.—Columbia Contract Co., 41 SE Salmon, Portland, at \$222,591, submitted low bid to the U. S. Engineer Office, 306 Custon House, Portland, under Bid No. 698-38-103, for clearing, bank sloping, riprap revetment, replacing existing riprap, construction of the piling, removal of a pile dike and rock reef in Low River, Diking Improvement Districts Nos. 5 and 11, Cowlitz County, Wash. \* 31

CONTRACT AWARDED  
 SAN FRANCISCO, Cal.—The Lowrie Paving Co., Inc., 1510 16th St., San Francisco, at \$1817, awarded contract by the Public Utilities Commission, 287 City Hall, San Francisco, under Spec. W.D. 161, for laying 6 and 8-inch cast iron mains in Phelps, Winding Way and Naylor Streets. \* 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACTS AWARDED  
 PETALUMA, Sonoma Co., Calif.—Oakland Sewer Const. Co., 9915 Walnut St., Oakland, at \$71,168.80 (Prop. A) and Fred J. Early, Jr., 369 Pine St., San Francisco, at \$98,116 (Prop. B), were awarded contracts by the Petaluma City Council for the construction of the Municipal Sewage Disposal Project, Prop. A: Main line intercepting sewers, Prop. B: Pumping plant and treatment works. \* 32

BIDS OPENED  
 OAKLAND, Cal.—American Concrete & Steel Pipe Co., 10th Avenue and Estuary, Oakland, at \$1,629.12 (2) \$25.75 (3) \$200.00 submitted the only bid to the Oakland City Council, W. W. Chappel, City Clerk, City Hall, for laying 8-inch reinforced concrete pipe storm sewer in south west corner of 8th Avenue to the Western Pacific Raily at Co tracks, Oakland, Wash., as follows:  
 (1) 52 14' double 8-inch reinforced concrete pipe, storm sewer,  
 (2) 1 lamp sum concrete in wall,  
 (3) 1 lamp sum, reinforced in structure including fill of existing ditch.

**CONTRACT AWARDED**

SEATTLE, King Co., Wash.—Queen City Const. Co., 603 18th Ave. S., at \$214,327 was awarded contract by Board of Public Works, 509 County-City Bldg., Seattle, for the construction of Ninth Ave. SW water mains; PWA Docket 1448. \* 32

**CONTRACT AWARDED**

SANTA CLARA Co., Cal.—Miholovich & Zekich, 836 Munder Avenue, Sunnyvale, at \$174,75, submitted low bid and was awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the construction of a storm sewer on Glen Una Drive at Gladding's Place, Supervisors' District No. 5, Santa Clara County.

Total bids follow:  
Miholovich & Zekich, 836 Munder Ave., Sunnyvale... \$1,744.75  
John F. White, Oakland... 2,279.00  
John Vensano... 2,432.00  
Palo Alto Road Materials Co. 2,462.00  
Dan Caputo, San Jose... 2,487.00  
Earl W. Heple, San Jose... 2,721.78  
Valley Constr. Co... 2,800.00  
O. G. Ritchie... 2,850.00 \* 32

**CONTRACT AWARDED**

OAKLAND, Calif.—American Concrete & Steel Pipe Co., 19th Avenue and Estuary, Oakland, at (1) \$29,12, (2) \$325.76, (3) \$200, awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for laying 84-in. reinforced concrete pipe storm sewer in southwest corner of 84th Avenue to the Western Pacific Railroad Co. tracks, Oakland.

Work involves:

- (1) 552 lf. double 84-inch reinforced concrete pipe storm sewer;
- (2) Lump sum, concrete in walls;
- (3) Lump sum, redwood in structure including fill of existing ditch.

**BIDS OPENED**

LA MESA, San Diego Co., Cal.—Marko Matick, 1269 Colorado Blvd., Los Angeles, at \$94,988.68 (Schedule 2), submitted low bid and was recommended for award by the La Mesa, Lemon Grove and Spring Valley Irrigation District for the construction of Unit No. 1, of the distribution system. Bids were taken on two proposals; Sch. 1, for the entire work; Sch. 2, for the work omitting service connections.

The items are:

- (1) 15,450 c.y. excav.
- (2) 14,694 c.y. backfill;
- (3) 3,333 sq. ft. oil road resurf.;
- (4) 1,927 sq. ft. conc. or asph. pave. replacement;
- (5) 3,121 lf. 12-in., class 250, C I pipe;
- (6) 40 lf 12-in., class 150, C I pipe;
- (7) 656 ft. 8-in., class 250, C I pipe;
- (8) 1,164 ft 8-in., class 150, C I pipe;
- (9) 10,287 ft. 6-in., class 250, C I pipe;
- (10) 32,788 ft. 6-in., class 150, C I pipe;
- (11) 7,041 ft. 4-in., class 250, C I pipe;
- (12) 3,564 ft. 4-in., class 150, C I pipe;
- (13) 52,139 lbs. misc fittings;
- (14) 4 12-in. gate valves;
- (15) 10 8-in. gate valves;
- (16) 59 6-in. gate valves;
- (17) 86 4-in. gate valves;
- (18) 450 ft 6-in., class 150, C I pipe in gate wells.
- (19) 50 4-in., 2-way, C I fire hydrants;
- (20) 1,332 c.y. excav. for service installation.
- (21) 1,332 c.y. backfill for service pipe and connections;
- (22) 1,953 sq. ft. oil surf. for resurf. for service installations;
- (23) 672 sq. ft. conc. or asph. pave. replacement;
- (24) 12 c.y. conc. complete, in place;

- (25) 259 3/4-in. service connections;
- (26) 6,056 ft. 3/4-in. copper service pipe;
- (27) 55 1-in. bronze service assemblies;
- (28) 1,134 1-in. copper pipe in service connections;
- (29) 25 2-in. bronze service connection assemblies;
- (30) 449 ft. 2-in. copper pipe.

Plans and specifications may be Complete bids follow:

Marko Matick—Sch. 1, \$103,372.22;  
Sch. 2, \$94,988.68  
E. C. Nickel—Sch. 1, \$105,546.47;  
Sch. 2, \$100,239.02  
Case Const. Co.—Sch. 1, \$108,530.07;  
Sch. 2, \$101,816.37.  
Gogo & Rados—Sch. 1, \$115,121.28;  
Sch. 2, \$106,181.53.  
J. L. Krub—Sch. 1, \$115,401.95;  
Sch. 2, \$109,257.85.  
V. R. Dennis Constr. Co.—Sch. 1, \$115,397.43; Sch. 2, \$108,836.63.  
Bebek & Brkich—Sch. 1, \$117,586.24;  
Sch. 2, \$110,004.47.  
Harry L. Foster—Sch. 1, \$117,890.01;  
Sch. 2, \$111,220.65.  
E. Paul Ford—Sch. 1, \$129,864.84;  
Sch. 2, \$121,258.30.  
H. H. Peterson—Sch. 1, \$134,326.95;  
Sch. 2, \$125,895.44.  
Fred F. Greenfield—Sch. 1, \$138,825.78; Sch. 2, \$123,520.68.

The following submitted bids but the bids having been declared irregular were not read: W. H. Kirkhead, Williams & Van Valkenburgh, Fred W. Weber and Shofner, Gordon & Hinman.

The bids and recommendation were referred to the PWA officials until Dec. 20. \* 32

**BIDS OPENED**

BELINGHAM, Whatcom Co., Wn.—C V Wilder, Blaine, at \$82,801.00, submitted low bid to the City of Bellingham for the Eureka Sewer Proj., serving an area of about 1406 acres. PWA Docket 1406.

Total bids follow:

C V Wilder, Blaine... \$82,801.00  
Superior Constr. Co., Larry Coluccio et al., Seattle... 89,818.00  
Maeri Bros., Seattle... 92,408.00  
Queen City Construction Co., Seattle... 96,102.00  
Northwest Construction Co., Seattle... 97,503.00  
Thos. Scalzo, Seattle... 101,826.00  
Acem Constr. Co., Seattle... 102,288.00  
Crawley Co., Bellingham... 106,289.00  
N. Florio, Seattle... 112,456.00

**BIDS OPENED**

SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$1,161.90 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. W. D. 600, for laying an 8-inch cast iron main in 19th Ave., Taraval to Waxwax Sts.

Work involves:

- (1) 2000 lf. excavation and backfill for 8-in. pipe trench 17-in. wide by 36-in. deep;
- (2) 30 c.y. additional excavation and backfill;
- (3) 30 sq. ft. additional pavement removed and replaced;
- (4) 2000 lf 8-in. bell and spigot cast iron pipe installed;
- (5) 4500 lbs fittings, gate valves, etc. installed;
- (6) 32 lf bell and spigot joints for pipe and fittings;
- (7) 300 sq. ft. repavement.

Total bids follow:

(A) W J Tobin, 3701 Balfour Ave., Oakland, \$1161.90  
(B) Martin Murphy, Albany, \$1222.  
(C) The Fay Improvement Co., San Francisco, \$1252.00  
(D) Underground Const. Co., Berkeley, \$1380.00  
(E) Chas L. Harney, San Francisco, \$1445.00  
(F) San Francisco Water Depart-

ment, \$1481.00.  
(G) E. J. Treacy, San Francisco, \$1,682.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	\$25	\$20	\$22	\$41	0.20	\$45	\$63
(2).....	50	00	10	50	1.55	1.40	1.25
(3).....	35	30	40	30	30	50	30
(4).....	07	10	13	10	045	09	05
(5).....	03	04	03	04	10	03	03
(6).....	27	40	35	30	50	40	33
(7).....	25	25	30	20	30	27	25

**33—WATER WORKS****BIDS WANTED**

ELGIN, Union Co., Ore.—Until Dec. 29, 2 P. M., bids will be received by S. E. Harris, City Recorder, for waterworks improvement; PWA 1161. Estimated cost, \$163,520. Work involves: concrete and earth-rock fill intake dam on Indian Creek; extension of present supply line from present intake to proposed intake on Indian Creek; grit chamber near site of present intake dam; pipe line from Front and Main Sts. to storage reservoir and 150,000-gal. reinforced concrete reservoir.

Plans and specifications may be obtained from the above office upon deposit of \$15. \* 33

**BIDS WANTED**

YERBA BUENA ISLAND, Calif.—Until December 30, 3 P. M., bids will be received by the San Francisco Bay Exposition Co., 585 Bush Street, San Francisco, under Contract No. 117, for construction of a domestic water distribution system on Yerba Buena Shoals.

Work involves:

- (1) 10,170 feet 12-inch steel pipe;
- (2) 9,776 feet 10-inch steel pipe;
- (3) 10,311 feet 8-inch steel pipe;
- (4) 2,172 feet 6-inch steel pipe;
- (5) 320 feet 4-inch steel pipe;
- (6) Miscellaneous valves, fittings, air release valves, hose connections, blow-offs, water meters and pressure reducing valves, etc.

Plans and specifications may be obtained from the above office upon deposit of \$20.00. \* 33

**34—PARKS AND PLAY GROUNDS****CONTRACT AWARDED**

MONTEREY, Cal.—L. M. Aiklins, 1609 E. 94th St., Cleveland, Ohio, at \$193, awarded contract by the Procurement Division, Public Buildings Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Monterey. 34

**CONTRACT AWARDED**

SANTA CLARA, Calif.—W. C. Malone, 302 Fulton St., San Jose, at \$550, awarded contract by the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. Post Office at Santa Clara. (7817) \* 34

**BIDS OPENED**

SANTA MARIA, Santa Barbara Co., Cal.—Erisco Nursery, 1422 Monterey St., San Luis Obispo, at \$1,075 submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for seeding and planting the grounds of the U. S. P. O. at Santa Maria. Other bids were: Peterson Bros., Englewood, at \$1,596; and National Evergreen Sales, Los Angeles, at \$1,648. \*

**35—TUNNELS****CONTRACT AWARDED**

SAN MATEO CO., Calif.—Miller & McGillis, 4441 Geary Blvd., San Francisco, at \$1011.10, awarded contract

by the Public Utilities Commission, 257 City Hall, San Francisco, under Spec. W.D. 163, for raising forebay structures for Bald Hill Tunnel, San Andreas Reservoir, San Mateo Co. \*

**SAN FRANCISCO CO. PERMITS UNDER \$1000**

FLUE, \$20; 1079 Hollister St.; owner, Del Santin, premises; contractor, Cortland Sheet Metal Works, 1414 Valencia St.

ALTER dwelling, \$300; 238 Divisadero St.; owner, E. Dehus, 490 Geary St.

SIGN, electric, \$397, 150 Valencia St.; owner, Cottrell's, premises; contractor, Brumfield Electric Sign Co., 965 Polson St.

SHED, 1-story frame, \$250, W Spear 147 N Howard St.; owner, Columbia Machine Works, 160 Spear.

FLUE, \$40, 22 Crown Terrace; owner, E Reilly, premises; contractor, Pyramid Furnace Co., 70 Otis Street.

ALTER restaurant, \$200 1251 Powell St.; owner, Yit Yee, 1114 Powell; contractor, C. J. Fung Co., 719 1/2 Sacramento St.

WALL, fire, \$350; 348 First Street; owner, Moregala & Sons, premises; contractor, Phoenix-Simpson Co., 520 Sixth St.

SIGN, electric, \$300, 471 Castro St.; owner, Home Market, premises, contractor, Wondelhte Neon Prod Co., 170 Otis St.

OFFICE, 1-story frame, \$850; East Bayshore Blvd. 463 S Flower; owner, Acme-Jenkins, 215 Diamond St.

FLUE, \$130; 4798 Mission St.; owner, Mangels, 4798 Mission St.; contractor, Pyramid Furnace Co. 70 Otis St.

ALTER flats, \$150.00; 365 Arguello Blvd.; owner, M. Mism, prem; contractor, Hill & Hill, 5 Cornwall St.

WALL, fire, \$150, 305 Clay St.; owner, Tesse, Salomon, Whitecomb Hotel, contractor, Phoenix-Simpson, 520 6th St.

BILLBOARD, \$7, SE 48th Ave and Taraval St.; owner, West Coast Adv. Co., 1420 Divisadero St.

ALTER dwelling, \$200; 720 Castro St.; owner, A. B. Ewing, Prem; contractor, S. A. Chase, 80 Douglas St.

SIGN, electric, \$250; 4541 Irving St.; owner, Pasmore & Wadsworth, Prem; contractor, Brumfield El Sign Co., 965 Polson St.

ALTER dwelling, \$175; 900 Rockdale Drive; owner, Mr. Fields, Prem; contractor, Elvin C. Stendell, 2143 Kirkham.

ALTER dwelling, \$500; 1327 Anza St.; owner, F. V. de Bellis, 678 10th Ave.

SIGN, electric, \$75; 1900 Fillmore St.; owner, Mr. Webb, Prem; contractor, Standard Neon Mfg. Co., 1189 Turk St.

ALTER dwelling, \$250; 4596 Mission St.; owner, M. Fortain, 4598 Mission St.; contractor, Norman Nelson, 385 Athens St.

SIGN, electric, \$200, 1931 Sutter St.; owner, Jacks, Prem; contractor, Brumfield Elec Sign Co., 965 Polson St.

ALTER dwelling, \$490; 3055 Laguna St.; owner, A. Pucinelli, 3061 Laguna St.; contractor, G. Ferroni & Sons, 1604 Filbert St.

ALTER flats, \$250, 101 Hoffman Ave.; owner, Mrs. Baum, prem; contractor, contractor, 1 Salomon 1734 Broderick St.

SIGN, electric, \$180 4723 Geary St.; owner, Chateau Pastry Shoppe, Prem; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER storage, \$75; NE Innes Ave. and Earl St.; owner, R. S. Averill, 696 Innes Ave.

ALTER restaurant, \$150; 841 Larkin St.; owner, Jos. Cheilin, Prem.

ALTER theatre, \$500; 445 Geary St.; owner, Curran Theatre, Premises; contractor, H. S. Meinberger, 956 Polson St.

ALTER flats, \$500; 3976 26th Street; owner, M. H. Pugh, 3980 26th St.

ALTER club, \$40; 12 Adler Place; owner, Alaska Fishery Workers Club, Prem; contractor, Wong Chee Kee, 890 Washington St.

ALTER dwelling, \$50; 621 Sillman St.; owner, J. Sullivan, Prem.

CLOCK, electric, \$75; 1900 Fillmore St.; owner, Mr. Webb, Premises; contractor, Standard Neon Mfg. Co., 1189 Turk St.

SIGN, electric, \$480; SE Geary and Stockton Sts.; owner, City of Paris, Prem.; contractor, Elec Prod. Corp., 910 Harrison St.

SIGN, electric, \$150, 3256 22nd St.; owner, Milky Way Creamery, 3256 22nd St.; contractor, Wondelhte Neon Prod Co., 170 Otis St.

BILLBOARD, \$7, W Mission 150 N Lebig, owner and contractor, Foster & Klesner Co., 1675 Eddy.

ALTER dwelling, \$250, 1660 North Point St.; owner, Thos. C. Ryan, premises, contractor, Thos. M. Jones, 613 29th Ave.; architect, Paul Ryan, Phelan Bldg.

FLUE, \$20, 2117 20th St.; owner, Mr Anderson, premises; contractor, Carver Niles Co., 1024 Clement.

ALTER dwelling, \$700, 644 Vermont; owner, S. Scarabasto, 506 1/2 San Bruno Ave.

ADDITION to wash room, \$150; 230 Brazil Ave.; owner, G. Marcantoni, premises.

ALTER dwelling, \$200, 372 28th St.; owner, G. St., McKenzie, prem.; contractor, National Roofing and Co., 2172 Market St.

**ALAMEDA COUNTY PERMITS UNDER \$1000**

ROOFING \$250 96 Ramona Ave, Piedmont, owner, Mrs. Eva Griswold, Prem, contractor, Donnelly Roof Co., 1700 17th Ave., Oakland.

ROOFING \$290 21 Park Way, Piedmont, owner, U. B. Marshall, 21 Park Way, contractor, Donnelly Roof Co., 1700 17th Ave., Oakland.

ALTERATIONS, \$88 123 Highland, Piedmont, owner, Geo. C. Bornemann, Premises; contractor, E. H.

Chincock, 3844 Brighton Avenue, Berkeley.

RE-ROOF, \$315, 2122 Durant, Berkeley, owner, F. Huefer, Prem.; contractor, Elliott & Elliott, Oakland.

GARAGE, \$750, 1927 Bonita, Berkeley; owner, O. Hall, Prem.; contractor, D. D. McKenzie, 2222 Grove.

RE-ROOF, \$138, 4840 Edgewood Ave., Oakland; owner, May T. Fargerson, 4640 Edgewood; contractor, Vulcan Roofing Co., 5221 Wentworth Ave.

GARAGE, 1-story, \$40; 1725 15th St., Oakland; owner and contractor, Ernest Souza, Prem.

ALTERATIONS, \$300; 2043 7th Ave., Oakland; owner and contractor, Mrs. M. Corbett, Prem.

ALTERATIONS, \$50; 825 57th St., Oakland; owner and contractor, J. N. Eoyd, Prem.

SIGN, electric, \$15, 5226 E 14th St., Oakland; owner and contractor, Dr. Weiss, Prem.

SIGN, electric, \$135; 2001 E. 14th St., Oakland; owner, C. W. Feetham, Prem.; contractor, Steve Robinson, 11 Richmond.

SIGN, electric, \$280; 2141 San Pablo Ave., Oakland; owner, Bekin's Van & Storage Co., Prem.; contractor, QRS Neon Corp., 690 Potrero St., San Francisco.

SIGN, electric, \$60; 465 19th St., Oakland; owner, Frank J. Russo, Prem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$150; 2037 San Pablo Ave., Oakland; owner, Kaucher's Art Store, Prem.; contractor, El. Prod. Corp., 950 30th St.

SIGN, electric, \$100; 951 7th Street, Oakland; owner, Union Oil Co., Prem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, electric, \$100; 1511 Jefferson St., Oakland; owner, Union Oil Co., Prem.; contractor, Electrical Prod. Corp., 950 20th St.

SIGN, electric, \$150; 4247 Hopkins St., Oakland, owner, Sunnyside Nursery, Prem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, roof, \$900; 10910 E. 14th St., Oakland; owner, Chevrolet Motor Co., Prem.; contractor, Elec. Prod. Corp., 950 30th St.

SIGN, roof, \$900; 10910 E. 14th St., Oakland; owner, Chevrolet Motor Co., Prem.; contractor, Elec. Prod. Corp., 950 30th St.

RE-ROOF, \$190, 1628 Dwight Way, Berkeley; owner, Mr. Rosenberg, Prem.; contractor, New Art Roof Co., 1311 Fruitvale, Oakland.

**BIDS OPENED**

LOS ANGELES, Calif.—Sutala & Roedel, 176 Camulos St., at \$21, 203.67 submitted low bid to Los Angeles Board of Public Works for improvement of Pickford St, bet. Peckoff Blvd and Cochran Ave, PWA Project 1191-D, Cont. 4-1

The work involves:

- (1) Lump sum, grading 1725 cu y cut
- (2) 9216 sq ft 8-in concrete pave
- (3) 26237 sq ft 3-in rock and oil roadways
- (4) 174 ft heavy unplastered curb
- (5) 328 sq ft one-course walk
- (6) 225 sq ft concrete gutter 6 inches thick

(A)	11	(2)	1.37	(4)	(5)	(6)	(7)	(8)	(9)
(A)	\$625	\$0.23	\$0.07	\$0.60	15	80.20	\$15,756	\$100	\$2.00
(B)	225	27	0.65	60	15	70	16,052	500	1.50
(C)	150	14	0.6	100	15	15	16,500	422	1.50
(D)	1650	25	1.2	70	15	21	14,980	327	1.50
(E)	1650	25	1.2	70	15	25	17,011	150	1.00
(F)	1650	25	1.2	70	15	20	15,000	150	1.50
(G)	1680	26	0.8	100	15	15	17,800	600	1.00
(H)	2000	27	0.6	100	15	25	19,000	900	2.50
(I)	510	22	0.75	60	15	20	19,000	111	2.00

(7) Lump sum, storm drain;

(8) Lump sum, sanitary sewer;

(9) 10 ft 6-in house connection sewer.

Total bids follow:

- (A) Sutala & Roedel \$21,333.65
- (B) Ruge & Rados \$21,555.62
- (C) Johnston & Persello—\$22,458.68
- (D) Bekob & Briehl—\$22,509.45
- (E) Radub & Brown—\$22,679.68
- (F) Geo. R. Curtis Paving Co.—\$24,062.00
- (G) Household Engng & Constr. Co.—\$25,305.11
- (H) Griffith Co.—\$26,110.09
- (I) Engner's Estimate \$24,715.80

Low prices follow

(A)	11	(2)	1.37	(4)	(5)	(6)	(7)	(8)	(9)
(A)	\$625	\$0.23	\$0.07	\$0.60	15	80.20	\$15,756	\$100	\$2.00
(B)	225	27	0.65	60	15	70	16,052	500	1.50
(C)	150	14	0.6	100	15	15	16,500	422	1.50
(D)	1650	25	1.2	70	15	21	14,980	327	1.50
(E)	1650	25	1.2	70	15	25	17,011	150	1.00
(F)	1650	25	1.2	70	15	20	15,000	150	1.50
(G)	1680	26	0.8	100	15	15	17,800	600	1.00
(H)	2000	27	0.6	100	15	25	19,000	900	2.50
(I)	510	22	0.75	60	15	20	19,000	111	2.00

COCHISE CO., ARIZONA—HIGHWAY IMPROVEMENT—(State)

COCHISE CO., Ariz.—Daley Corp., 4430 Boundary Street, San Diego, at \$88,100.41, submitted low bid to the Arizona State Highway Commission, Phoenix, for highway improvement on Benson-Steins Pass Highway, FA 130-A (1938), A.F.E. 8602. The work, which is to begin at Wilcox and is to extend northeasterly about 6 mi., consists of grading, draining, aggregate base course, and asphaltic surface treatment, to be completed on or before July 31, 1938.

- Work involves: (1) 2,242 c.y. roadway excav., uncl.; (2) 2,905 c.y. drainage excav., uncl.; (3) 1,372 c.y. struc. excav., uncl.; (4) 74,930 c.y. imported borrow (CIP); (5) 23,112 c.y. imported borrow capping (CIP); (6) 13,949 tons aggreg. base course (CIP); (7) 1,950 M. gals. sprinkling (CIP); (8) 882 hours rolling; (9) 756 c.y. class A concrete, incl. cement; (10) 80,208 lbs. reinf. steel bars (CIP); (11) 1,190 lf. 18-in. CMP (CIP except excavation);

- (12) 242 lf. 24-in. CMP (CIP except excavation); (13) 6 lf. 18-in. CMP (CIP except excavation); (14) 1 each, cattle guard (for side road), (CIP except excavation and concrete); (15) 62,382 lf. standard line fence (CIP); (16) 3 each, standard wire gales, type A (CIP); (17) 3 each, standard steel gales, type 1 (CIP); (18) 68 each, guide posts (CIP); (19) 42 each, R/W markers, type A (CIP); (20) 97,614 gals. road oil, SC-2 (C I); (21) 473 c.y. blotter material, pit run (CIP); (22) 3 each, standard survey monuments and covers, G-5 (CIP); (23) 1 lump sum, removal of wooden Br. (Rt. Sta. 2112); (24) 1 lump sum, removal of wooden Br. (Rt. Sta. 2246); (25) 250 tons stockpiling A B C (CIP).

Total bids follow: (A) Daley Corporation, 4430 Bound-

- ary St., San Diego—\$88,100.41. (B) Packard Contr. Co., Phoenix—\$88,100.41. (C) Lee Moor Contr. Co., El Paso, Tex.—\$91,215.32. (D) Pearson & Dickerson Contrc., Inc., Prescott—\$91,509.60. (E) Ken Hodgman, Phoenix—\$94,261.44. (F) Weaver Bros., Phoenix—\$94,410.47. (G) Reliance Truck Co., Phoenix—\$94,700.37. (H) J. A. Casson, Phoenix—\$98,827.35. (I) Skousen Bros., Albuquerque, N. Mex.—\$102,594.62. (J) Sou. Cal. Roads Co., Los Angeles—\$105,619.18. (K) Hensler & Garnett, Glendale—\$106,831.96. (L) Oswald Bros., Los Angeles—\$109,050.14. (M) Geo. W. Orr, El Paso—\$109,579.35. (N) Fisher Contr. Co., Phoenix—\$115,647.06. (O) Phoenix-Tempe Stone Co., Phoenix—\$121,915.89. (P) All Arizona Engrg. & Const. Co., Clifton—\$132,477.67.

Unit prices follow:

Table with 18 columns (A)-(R) and 25 rows of unit prices for various materials and quantities.

LOS ANGELES—BRIDGE CONSTRUCTION—(City)

LOS ANGELES, Cal.—John Strona, Philadelphia and East End Avenues, Chino, at \$66,990, bidding on cast in place piles) submitted low bid to the Los Angeles Board of Public Works for the construction of Fox Studio bridge across Olympic Blvd., 1100 ft. East of Fox Hill Drive, J. E. Burrell & Son, 518 W 17th Street, Long Beach, at \$73,894.91 submitted low bid for precast piles.

- Work involves: (1) 1576 c.y. Class F concrete; (2) 100 c.y. Class G concrete; (3) lump sum, reinf. steel; (4) reinf. concrete piles at precast; (5) cast in place; (6) 13,360 cu. y. lump sum, ornamental concrete; (7) lump sum, orn. iron railing; (8) lump sum, grading;

- (8) 7540 sq. ft. 8-in. asph. conc. pave. (9) 1099 sq. ft. asph. conc. wearing surf., variable thickness, average 6-in.; (10) 655 sq. ft. 1-course 3-in. walk.

- Total bids follow: (A) John Strona, (a) no bid; (b) \$66,990. (B) J. E. Burrell & Son, (a) \$73,894.91; (b) \$76,473.91. (C) Contracting Engineers, (a) \$74,550.20; (b) \$71,550.20. (D) John T. Scarlett, (a) \$74,445.20; (b) \$73,670.20. (E) Carlo Bongiovanni, (a) \$79,954.08; (b) \$74,954.08. (F) W. E. Robertson, (a) \$75,259.75; (b) \$74,340.75. (G) Oscar Oberg, (a) \$79,269.60; (b) \$77,141.60.

- (H) Lynch-Cannon Engr. Co., (a) \$73,153.75; (b) \$77,903.75. (I) Gibbons & Reed Co., (a) \$81,032.05; (b) \$78,500.55. (J) David J. Reed, (a) \$85,496.47; (b) \$80,646.47. (K) Byerts & Dunn, (a) \$84,707.20; (b) \$81,132.20. (L) Fox Studio Engrg. & Const. Co., (a) \$95,222.40; (b) \$85,402.40. (M) M. G. Torson Const. Co., (a) \$79,480.55; (b) \$82,584.55. (N) Werner & Webb, (a) \$90,639.90; (b) \$88,599.90. (O) Case Const. Co., (a) \$95,660.45; (b) \$93,660.45. (P) Engineer's estimate, (a) or (b) \$73,469.

Unit prices follow:

Table with 18 columns (A)-(R) and 10 rows of unit prices for various materials and quantities.



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

## WAR DEPARTMENT

**FORT MASON, Calif.—Until Dec. 22, 2 P. M.** (time changed from 10 A. M.) bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-173, for furnishing 700 feet of wrought iron; 38 pipe fittings; malleable iron or steel unions, nipples; plumbing fixtures and tinned-plate cans; fob Fort Mason.

**SACRAMENTO, Cal.—Until Dec. 23, 3 p.m.** bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office, Sacramento, for furnishing materials, as follows:

**BID NO. 1105-38-163**—Sheet aluminum holders, nipples, nuts, valves, iron bars, wrenches and fire hose; f.o.b. Rio Vista.

**BID NO. 1105-38-167**—Electrode, rods, spark lighters and electric rods; f.o.b. Rio Vista.

**SAN FRANCISCO, Cal.—Until Dec. 21, 3 p.m.** bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, under Bid No. 868-38-75, for furnishing one lifeboat and equipment, as follows:

- (1) One 53-person metal lifeboat;
- (2) One complete set of ocean equipment for lifeboat;
- (3) One cover set including rigging and spreaders;
- (4) One pair mechanical davits; f.o.b. cars or boats at plant.

**FORT MASON, Cal.—Until Dec. 22, 10 a.m.** bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-173, for furnishing 700 feet of wrought iron; 38 pipe fittings; malleable iron or steel unions, nipples; plumbing fixtures and tinned-plate cans; f.o.b. Fort Mason, Cal.

**SACRAMENTO, Cal.—Until Dec. 17, 3 p.m.** bids will be received by the U. S. Engineer Office, Col. L. E. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 1105-38-150, for furnishing 25 cylinders oxygen and 12 cylinders acetylene; f.o.b. Rio Vista, Calif., for a period January 1, 1938, to March 31, 1938.

**SAN FRANCISCO—Until Dec. 14, 3 p.m.** bids will be received by the U. S. Engineer Office, Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-38-76, for furnishing 350 in. ft. clay pipe and 162 in. ft. clay tile; f.o.b. Fort Funston, Cal.

**FORT MASON, Calif.—Until Dec. 27, 10 A. M.** bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-175, for furnishing miscellaneous motor parts, fob Motor Warehouse No. 6, Presidio, San Francisco.

**SAN FRANCISCO—Until Dec. 25, 10 A. M.** bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-176, for furnishing fuel oil, fob Fort Winfield Scott, San Francisco.

Plans and specifications available at above office.

**FORT MASON, Calif.—Until Dec. 28, 10 A. M.** bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-177, for furnishing steel bolts, screws, rivets, wood screws, and washers; fob Dock No. 3, Fort Mason.

**FT. McDOWELL, Cal.—Until Dec. 27, 10:30 A. M.** bids will be received by the Quartermaster, Fort McDowell, under Care, Prop. 536-38-13, for furnishing pipe of various sizes; fob shipping point and/or Pier No. 1, Fort Mason, San Francisco.

**FORT MASON, Calif.—Until Dec. 28, 11 A. M.** (time changed from 10 A. M.) bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 928-38-176, for furnishing fuel oil, fob Fort Winfield Scott, San Francisco.

Plans and specifications available at above office.

## TREASURY DEPARTMENT

**SAN FRANCISCO—Until Dec. 22, 10 A. M.** bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

**BID NO. 4755:** 270 ton concrete sand, fob Fort McDowell, Angel Island.

**BID NO. 4756:** 13,600 FBM Douglas fir lumber, fob cars at mill and/or Livingston Street Pier, Oakland.

**BID NO. 4757:** 510 lf. concrete pipe, fob 54th Ave. and San Leandro St., Oakland.

**SAN FRANCISCO—Until Dec. 17, 10 a.m.** bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, under Bid No. 4759, for furnishing chain link fence, gates and posts; f.o.b. San Jose Nursery, 6th and Empire Sts., San Jose, Cal.

**SAN FRANCISCO—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:**

December 21, 10 A. M.

**BID NO. 4748:** 6000 lf. steel pipe, fob 1310 Oak St., Oakland.

## CANAL ZONE

**PANAMA CANAL—Until Jan. 2, 10:30 A. M.** bids will be received by the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule 3310, for furnishing pipe cutting and threading machines, fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent The Panama Canal, Fort Mason, San Francisco.

**PANAMA CANAL—Until Dec. 30, 10:30 A. M.** bids will be received by

the General Purchasing Officer, H. A. A. Smith, Washington, D. C., under Schedule No. 3309, for furnishing metal-working machines (draw-cut hacksaw, screw-cutting lathes, column shaper, radial drill press, internal grinder and surface grinder) and electric rivet heater, fob Cristobal and/or Balboa.

Plans and specifications may be obtained from the above office and from the Assistant Purchasing Agent The Panama Canal, Fort Mason, San Francisco.

## U. S. FOREST SERVICE

**GOVERNMENT ISLAND, Calif.—Until December 22, 2 P. M.** bids will be received by the Forest Service Supply Depot, Frank Haynie, Supply Officer, Government Island, for the purchase of the following materials:

**BID NO. 5358:** Purchase of new caterpillar or equal tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island, Oakland.

**BID NO. 5360:** Purchase of new caterpillar or equal tractor replacement parts, including lump sum trade-in allowance and/or cash offer on used equipment; fob Government Island, Oakland.

## MET. WATER DISTRICT

**LOS ANGELES, Calif.—Until Jan. 10, 2 P. M.** bids will be received by the Metropolitan Water District, Los Angeles, for capacitors, lightning arresters, potential transformers and current transformers for use at Colorado River Aqueduct pumping plants, Spec. 263. Certified or cashier's check for 10% must accompany bid.

**LOS ANGELES, Cal.—Until Dec. 23, 10 a.m.** bids will be received by Metropolitan Water District, Los Angeles, for 25,000 feet 3-conductor, 2/0 armored cable for 2200-volt system, Spec. 262. Certified or cashier's check for \$300 must accompany bid.

## RECLAMATION BUREAU

**CENTRAL VALLEY PROJ., Cal.—Until December 21, 10 A. M.** bids will be received by the Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, 208 Old Post Office Bldg., and K. Siss, Sacramento, under Bid No. W-1656-A, for furnishing galvanized steel, angles, intake flushing tank, galvanized wrought iron pipe, tees, rods, galvanized foot-walk, machine bolts and steel ladder, fob shipping point and/or Redding.

## EAST BAY UTILITY DIST.

**OAKLAND, Cal.—Until Dec. 22, 5:30 p.m.** bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. LS 208, for furnishing 4022 cast iron bell and spigot pipe fittings ranging in diameter from 1-in. to 12-in.

Plans and specifications may be obtained from the above office.

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# CONSTRUCTOR

Building and Engineering News

IN THIS ISSUE



To Advertise Shasta Dam  
in March



*Union Paving Low on Sierra Grading*



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**ON THE  
JOB  
IN  
WESTERN CONSTRUCTION**



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# PACIFIC CONSTRUCTOR

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SAN FRANCISCO, CALIF., DECEMBER 25, 1937

No. 49

## HARNEY LOW FOR LAGUNA HONDA WORK

**Bids \$55,691 on City Surfacing  
Contract; Fender Job  
Advertised**

Low bids aggregating \$74,641 on four municipal contracts yesterday were received by the Department of Public Works and the Public Utilities Commission.

At the regular meeting of the Department of Public Works, Director William H. Worden called for bids, to be opened January 5, for construction of fenders at Islais Creek Bridge. The job is estimated to cost \$31,000 by City Engineer John J. Casey.

The work involves: 15,000 lineal feet of timber treated piles driven; 50 MBM installing timber wales and appurtenances; and removing present fenders and dolphins, together with installing electrical work.

### Surfacing Job

Charles L. Harney, at \$55,691.30, yesterday submitted the low bid for improvement of Laguna Honda boulevard from Layton street to Plaza. Seven firms submitted bids on the job. The second lowest bidder was Fay Improvement Co., at \$55,783.39 followed by A. G. Raisch at \$55,951.10.

Other bidders included: Pacific States Construction Co., \$56,607; Eaton and Smith, \$61,261.56; Lowrie Paving Co., \$61,518; and Pacific Pavements, Ltd., \$66,653.

On the second largest job of the day, the improvement of Market street, Lowrie Paving Co. submitted the low proposal of \$14,310.50. The contract called for construction of concrete parking strips on the north side of Market street from Grant avenue to Leavenworth street, and on the south side from Sixth to Seventh streets.

### Other Bidders

Other bidders included: A. G. Raisch, \$14,390.50; M. J. Lynch, \$15,372; Leo Epp, \$15,670; E. J. Treacy, \$16,615; Fay Improvement Co., \$17,043.30; Eaton and Smith, \$18,990.50; and Charles L. Harney, \$23,296.50.

Bids were opened by the Public Utilities Commission for installa-

## GOOD NEWS FOR 1938



The U. S. Bureau of Reclamation plans to advertise for bids on Shasta Dam, largest single unit in the Central Valley Project, next March. Construction Engineer Walker R. Young tells members of the Northern California Chapter, A.G.C., at their convention here last week. Caught by the candid camera at the convention are, left to right, Secretary-Manager Floyd O. Booe of the chapter; President B. F. Modglin; Mr. Young; Assistant State Highway Engineer George T. McCoy; and Dr. L. I. Hewes, deputy chief engineer, U. S. Bureau of Public Roads.

tion of sodium vapor lights in the Stockton Street Tunnel. The specifications call for removing 70 existing lamps and installing 19 sodium vapor luminaires.

Lee Electric Company, at \$2449, submitted the low bid, followed by Albert Electric Company, at \$2712. Other bidders included: E. J. Lynch \$2831; Matson Electric Equipment Co., \$2870; Atlas Electric and Engineering Co., \$2895; and R. Flatland, \$2905. Eight firms submitted bids.

Pacific Pavements Co., Ltd., at \$2199.75 submitted the only bid for the improvement of Sweeney street between Boylston and Bowdoin (where not).

Director William H. Worden called for informal bids on two minor jobs. Bids will be opened December 29. The first contract calls for furnishing and installing chain link fence at Laguna Honda School. The other involves sand floors at three primary schools.

## UNION PAVING BIDS SIERRA GRADING JOB

SACRAMENTO, Dec. 22.—Union Paving Co., 212 Babcock building, San Francisco, today submitted the low bid to the State Division of Highways for grading and surfacing about six and three-tenths miles in Nevada and Sierra Cos.

Amount of the low proposal was \$182,337, more than \$34,000 under the next low bid.

Total bids on the contract were as follows:

Union Paving Co.	\$182,337
A. Teichert & Son, Sacramento	214,311
Paula & McEwen, Smith River	236,508
Honstreet & Bell, Marysville	252,072
Frederickson & Westbrook Lower Lake	283,721
Isbell Const. Co., Reno	303,749

## PLAN TO START DEWATERING OF SITE FOR FAIR

First Work Within Ten Days,  
Says Day; Will Drill  
200 Wells

"Dewatering" of Treasure Island, site of the 1939 Golden Gate International Exposition, will start within ten days as the first step toward making the island suitable for the growth of extensive gardens, according to W. P. Day, director of works.

Two hundred wells, twenty feet deep, will be drilled at various points; water will be pumped therefrom and back into the bay, thus lowering the water table or level of ground water in the island.

"At present the chlorine content of the water in the island is 5,000 parts in a million, but we found through laboratory tests that by lowering the water table we could cut this to 1,000 parts in a million," Day explained.

### Special Fertilizer

"We further found that we could then take this sand and, by applying six to nine inches of fresh water, further reduce the chlorine content from 1,000 parts to 100 parts. The saline tolerance of over ninety per cent of the trees, shrubs, and plants to be used is greater than 100. In a few instances, we will use some type of special fertilizer."

Day disclosed that drainage around the outside of the island being faster, the water level already is low there, the water table being in the shape of a mound with its highest point in the center of the island.

The rains of this winter will provide the necessary six to nine inches of fresh water for the entire island, he expects, so that no artificial "washing" of the soil will be necessary.

### Bids for Topsoil

Bids will soon be called and contract let for 56,000 cubic yards of loam for topsoil. An additional 24,000 cubic yards will be purchased later, making a total of 80,000 cubic yards. Delivery of the loam to the island will start within thirty working days by truck and barge, he said.

Fresh water for culinary and toilet purposes likely will be turned on in January, when a pipeline across the San Francisco-Oakland Bay Bridge is due to be completed and water will be pumped from the Embarcadero to a 3,000,000-gallon reservoir atop Yerba Buena Island.

Planting of the first trees in Treasure Islands \$1,500,000 landscaping program will start in February.

New orders for electrical trucks and trailers totaled 1561 for the first ten months of 1937, as compared with 1,468 amounting to 1125 for the same period in 1936, the

## Bids January 8 On REA Project

Bids for construction of approximately 250 miles of distribution lines for the Plumas-Sierra Rural Electric Cooperative will be opened January 8, Chief Engineer Allan Sickler announced this week. Bids will be opened in the cooperative's office at Blairsden.

Work includes construction of a complete rural electric distribution system, including poles, pole fixtures, primary lines, transformers with accessories, secondary lines, services and incidentals.

The lines will connect with P. G. & E. lines near Quincy and/or the lines of the California Utilities Co. near Janesville.

## URGE EXEMPTION FROM TAXES ON CONSTRUCTION

A meeting with Congressmen from Northern and Central California to ascertain their attitudes concerning several pending measures vital to the construction industry will be sought in January by a special legislative committee from the Central California Chapter, Associated General Contractors of America, according to Secretary-Manager William E. Hague.

Chief among matters which the A.G.C. chapter seeks to discuss with congressmen is a bill which has been endorsed by the national A.G.C., and which would allow exemption under the Revenue Act of 1936 for expenditure of surplus funds for improvements.

The bill has been introduced into the House by Representative Alford Beiter of New York as H.R. 4594. It would add a new subsection to Section II of the 1936 Revenue Act, to read as follows:

### "Expenditures for Improvements"

"The sum of the amounts paid out during the taxable year for the construction or improvement of real property and for the purchase and installation of equipment and machinery, and for the expansion or replacement of plant or other productive facilities, or in payment of debts or portions of debts including interest and carrying charges, as the same may accrue within the taxable year for the construction or improvement of real property and for the purchase and installation of equipment and machinery and for the expansion or replacement of plant or other productive facilities, to the extent that no deduction or allowance is or has been made for such amounts in computing net income."

## BIDS ON BURRIS CREEK DIVERSION TO OPEN JAN. 11

U. S. Engineer Office Advertisements  
Canal, Syphon Project  
In Washington

Bids for construction of the Burris Creek diversion will be opened by the U. S. Engineer Office at Portland January 11, it was announced this week.

The project is located in Drainage Improvement District No. 5 in Cowlitz county, Washington.

Work will include excavation of approximately 8700 feet of canal with adjoining levees, construction of a 42-inch syphon and a 72-inch discharge line, and excavation of lateral drainage ditches.

### Principal Items

Among principal bidding items are 9.1 acres stripping, 9165 cubic yards canal excavation placed in levee with dragline; 12,552 cubic yards canal excavation placed in levee (truck haul); 24,772 cubic yards levee embankment hauled by truck from borrow; 8173 yard miles truck overhaul; 2400 cubic yards excavation for drainage ditches; 3340 board feet untreated lumber in place; and numerous others.

Contractors desiring to figure the project may obtain plans and specifications from the U. S. Engineer Office, 306 Customhouse, Portland, Oregon, upon deposit of \$5.00.

Work will be awarded as a whole to one bidder, it was announced in Portland.

The canal will follow Burris creek in the north end of the improvement district adjacent to the city of Woodland, Wash. In addition to canal, syphon and discharge line construction, the project includes cleaning out the existing tide box.

## PRODUCTION AT COAST LUMBER MILLS STEADY

A total of 177 down and operating mills in Washington and Oregon which reported to the West Coast Lumbermen's Association for the week ending December 11, produced 62,822,935 board feet of lumber. At the rate of cutting at the reporting mills, the entire industry produced 39.9 per cent of its average weekly cut during 1926-29. The new business reported taken last week by the 177 mills was 76,677,022 board feet. Shipments were 67,479,195 feet.

Details of orders and shipments as reported by the 177 mills are:

	Orders	Shipments
Rail	20,139,797	23,381,949
Domestic		
Cargo	33,959,052	27,081,991
Export	5,083,145	9,570,227
Local	7,495,028	7,495,028
	76,677,022	67,479,195

# State Division of Highways Experiments With Lighting for Accident Prevention

By T. H. DENNIS, Maintenance Engineer  
California State Division of Highways

Highway lighting experiments as an accident prevention measure have been undertaken by the State Division of Highways.

The Division is now installing a 3½-mile section of highway lighting on the Bayshore Highway, U. S. 101, between the south city limits of San Francisco and the north city limits of South San Francisco.

The standards will be set on staggered spacing, 140 feet apart, the lighting to be sodium vapor with 10,000-lumen lamps.

A second installation, 1½ miles in length, is being made on U. S. 101, between the north end of the Golden Gate Bridge and the crest of grade just north of Waldo Tunnel.

On this section, standards will be placed 125 and 150 feet apart at staggered locations between the bridge and the south end of the Waldo Tunnel, and on a 200-foot staggered spacing from the north end of the tunnel to the crest of the grade beyond. This lighting will also be sodium vapor, the lamps generating 10,000 lumens.

## Two Standards

Two types of lighting standards will be used, tapered steel and centrifugally spun concrete. These poles will be thirty feet in length and carry a movable mast arm for suspending the lighting fixture—some two feet inside the pavement edge.

The locations were selected not only to provide a proving ground for the efficiency and cost of such lighting, but also because of particular conditions which might justify warrant installation.

While these installations will mark our first strictly highway lighting experiments as an accident prevention move on the open highway, we have, during the past two years, made some 34 sodium vapor installations at underpasses and highway intersections.

## Policy at Intersections

The locations selected in all cases conformed to the following policy:

1. Intersections which, from their design and location, presented an element of surprise to the approaching driver, and a hazard if he stopped.

2. Intersections where it was necessary to place "Stop" signs against the heavier traffic, especially at "Y" intersections.

3. At cross intersections, where it was found necessary to place 4-way "Stop" signs.

It has been the practice of the Division of Highways to compile and analyze accident records on the various sections of highway for the past eight years. On the entire section of the Bayshore Highway between San Jose and San Francisco, only that portion between South San Francisco and San Francisco shows a type of accident which, if such is possible,

might be eliminated by highway lighting.

## Fog Hazards Involved

On the section selected for lighting north of the Golden Gate Bridge the normal hazards of night fog are complicated by the highly-lighted bridge structure, as well as that of the Waldo Tunnel. Traffic emerging from either the bridge or the tunnel is often confronted with a dense fog, which will likely tend to accidents.

There can be no doubt that the hazard of accident on the rural State highways, measured in terms of vehicle miles traveled, is much greater at night than during the daylight hours. It should be noted, however, that there are very few, if any, types of night accidents which do not also occur during daylight.

We may, and in fact do, find increased frequency of certain types of accidents during darkness, but none which would automatically disappear if daylight were continuous throughout the 24 hours.

## Single-Car Accidents

For instance, in single-car accidents on State highways—for both daylight and darkness—where only a single motor vehicle was involved 54 per cent of all the cases reported was made up of "Speed excessive for conditions," "Pedestrian involved," and "Driver had been drinking."

In two-car accidents, where two or more motor vehicles were involved, we find that "Driver had been drinking," "Speed excessive for conditions," and "Improper passing" again contribute to more than 50 per cent of the total.

On the basis of their occurrence, we discover that accidents involving drivers who had been drinking were over seven times more frequent at night, excessive speed 2.6 times, and improper passing 1.8 times than under daylight conditions.

## Minor Factor

Taking the three minor causes—drinking drivers, excessive speed, and improper passing—which together account for more than half of all causes reported for night accidents, it is clearly apparent that the absence of daylight is only a minor factor in their increase at night. It is difficult to see how the artificial restoration of a portion of daylight can do itself, without the aid of other remedies, be expected to bring about any radical change in these causes.

# ASK PROPOSALS FOR ADDITIONS AT STATE FAIR

State Schedules Bids on Enlargement of Grandstand, Administration Bldg.

SACRAMENTO, Dec. 21. Bids for construction of an addition to the grandstand and of an administration building at Agr cultural Park were invited today by State Architect Geo. B. McDougall.

Proposals will be opened in Sacramento January 18, it was announced.

Work includes construction of a 220-foot extension to the grandstand, and of a one-story and part two-story administration building.

The grandstand extension will be of reinforced concrete, structural steel and brick construction. The administration building, to contain about 15,500 square feet of floor space, will be of reinforced concrete with brick veneer and tile roof.

Proposals will be taken separately for each structure, and under a joint schedule for the two combined.

Separate and combined bids also will be received for each of the following segregated portions of the project: general work, electrical work and mechanical work for the grandstand extension; general work, plumbing work, electrical work, and heating and air conditioning for administration building.

Contractors desiring to figure the project may obtain plans from the office of the State Architect upon deposit of \$25.00.

## J. A. CASSON LOW ON UNDERPASS

CARSON CITY, Nev., Dec. 21.—J. A. Casson, 319 Warren Street, Hayward, Calif., today submitted a low bid of \$49,621 to the Nevada State Highway Directors for construction of a concrete and steel underpass on the state highway about 3 miles northeast of Jean, Clark county, State Highway Engineer Robt. A. Allen announced.

Olof Nelson of Logan, Utah, was second low bidder for the underpass contract with a proposal of \$71,765. Third low bidder was Dodge Construction, Inc., Fallon, Nev., at \$72,152.

However, even the value of the value of highway lighting can come only from the record of well-endorsed experiments. It is noted that much more has been done in the two installations than in the other two.

The Division of Highways is now developing a plan for a 11 Skaggs Street, Berkeley, California, San Francisco, California, and a 11 Skaggs Street, Berkeley, California.

## PAGE PROPOSES COLUMBIA BASIN WORK PROGRAM

### Urges Organization Into Districts; Canal System Plans Underway

Following a series of conferences at Spokane, Wash., Commissioner of Reclamation John C. Page last week recommended to landowners a 3-point program for the development of the 1,200,000-acre Columbia Basin Project.

Outstanding among the recommendations of the Commissioner were the organization of the entire project area into preferably one, but not more than two, irrigation districts; the enactment of State laws necessary to comply with Federal statutes and facilitate the program; the exclusion of existing towns and cities from irrigation districts; and the creating of machinery for excluding also, towns that will grow up later on the project, so that control of the district will be vested in the rural population.

State legislation recommended for enactment would include the ratification of the anti-speculation act to the extent that State jurisdiction and State lands are involved, provision for equitable representation for all parts of a district by authorizing the division of any district into five divisions and the election of one director from each division, and the limitation of assessments in any division to a low figure, perhaps two cents per acre per year until the actual construction of irrigation works in that division is initiated.

#### Anti-Speculation Law

"The anti-speculation law," said Mr. Page, "is a constructive piece of legislation, the principles of which have been applied successfully on projects elsewhere for a number of years, and have proved effective in providing for the disposal of excess holdings at fair values and in protecting settlers against inflated prices. The special problems of the large landowners have been adequately met by provisions in contracts entered into between the Government and the landowners and between the Government and irrigation districts. These contracts prevent operations under the law from becoming burdensome during the period prior to irrigation, and prior to the sale and development of excess lands.

"The time necessary for legal steps required for the organization and confirmation of districts, the negotiation, authorization and confirmation of contracts, and securing necessary State legislation, will be at best almost as much time as will be required for the completion of Grand Coulee Dam, and persistent and orderly effort to complete the district organization and comply with legislative requirements is necessary if interrup-

## State Calls Bids January 13-14 For Alameda Road Project, Two L. A. Jobs

SACRAMENTO, Dec. 21.—The State Highway Commission today authorized bid calls on three contracts for construction of an undercrossing and improvement of bridges in Los Angeles county, and 4.1 miles of grading and surfacing in Alameda county.

Bids on the two Los Angeles county projects will be opened in Los

Anges January 13; bids on the Alameda county job will be opened January 14 in the office of District Engineer Jno. H. Skeggs State Bldg., San Francisco.

The northern California job involves grading and surfacing with plant-mixed surfacing on crusher run base about 4.1 miles of highway in Alameda county. The section is located between Mountain House and the Contra Costa county line.

#### Principal Items

Principal items include: 525 M. gallons of water; 18,900 cu. yds. of unclassified roadway excavation; 9700 cubic yards of imported borrow; 16,000 tons of crusher run base; 5000 tons of mineral aggregate surfacing; 350 tons of liquid asphalt of various types; and 450 lbs. of bar reinforcing steel.

The largest southern California job, for which bids will be opened January 13, involves construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Rudell station. Grading and surfacing of approaches are included in the contract.

Bids will be received on thirty-four units. Principal items include: 46,000 cubic yards of unclassified excavation; 1650 cubic yards of structural excavation; 10,000 sq. yds. of subgrade for pavement; 144 tons of liquid asphalt of various types; 159,000 pounds of bar reinforcing steel; 30,000 pounds of wrought iron plates; and 2950 lin. ft. of six-inch perforated metal pipe underdrains.

#### Bridge Widening

The third contract calls for widening of bridges across Corral Creek, Solstice Creek and Escondido Creek at points about sixteen miles north of Santa Monica in Los Angeles county.

Principal items include: 1900 cu. yds. of structural excavation; 200,000 pounds of bar reinforcing steel; 1320 cubic yards of Class A Portland cement concrete structures, and 350 cubic yards of existing concrete to be removed and disposed of.

Export shipments of electrical industrial trucks and tractors during the first ten months of 1937 amounted to 72 units, a slight gain over the total of 70 units exported during the first ten months of 1936 according to the Bureau of Census.

Shipments of steel lockers during the first ten months of 1937 amounted to \$4,057,397, as compared to shipments totaling \$2,627,855 for the same period in 1936, the Bureau of Census reports.

ptions of the construction program are to be avoided. During this period there will be sufficient time for a full and complete discussion and understanding of requirements and plans, and for the orderly organizing of the area.

#### Landowners Responsibility

"In the matter of education and organization, the Bureau of Reclamation will cooperate to the fullest extent, but the fact remains that the primary responsibility for organizing the district rests on the landowners. From them must come initiative and primary action.

"Also, I earnestly urge that the State lend official cooperation and leadership, and if need be, physical and financial help, to the work of organizing the Columbia Basin district or districts. Since the development of the project is a matter of state-wide economic importance, such active cooperation on the part of the State administration is appropriate and proper.

"The surveys now being made of the Columbia Basin Project will include an investigation of the economics of pumping water from the Columbia River to lands in southern Franklin County as compared with watering them from the east canal, and the findings will be reported to residents of the areas concerned.

"The construction program for the canal system will be determined and made public well in advance of actual construction. Studies now under way have not gone far enough to determine the program. It will be based on economic and engineering considerations.

"An investigation will also be made of the feasibility of irrigating a considerable area of land in the western part of Walla Walla county.

"The course of the Bureau has not been and will not be determined arbitrarily. Painstaking efforts are made to find and weigh all pertinent facts, and to arrive at the program that will be best to further the development of the affected territory in accordance with the law."

Shipments of fire extinguishing motor apparatus for the first ten months of 1937 amounted to 715 units, a substantial gain over the total of 548 units shipped during the same period last year, according to the Bureau of Census.



# PERMITS AND CONTRACTS

## SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
297	Capital Co.	Owner	1000
298	Commercial	Owner	1000
299-302	Doelger	Owner	4000
303	Epp	Epp	150000
304-6	Higgins	Magine	3000
307	McCoy	Law	3000
308	Ridgeway	Monson	2500
309	Schwartz	Owner	3000
310	Beck	Owner	4500
311	Bergel	Andersen	2750
312	Brickell	Owner	2900
313	Ohlsen	Owner	3000
314	Garren	Foster	5000
315	Lincoln	Owner	2900
316	Schmidt	Owner	3250
317	Assd. Ink	Hjul	3500
318	Dondero	Fracchia	1000
319-20	Herman	Little	3000
321-22	Stoneman	Owner	5500
323	Strazzullo	Rousseau	9500
324	Union Oil	Early	5000
325	Hoee	Owner	4000
326-7	Costello	Owner	4000
328	Kingwell	Owner	4000

### ALTERATIONS

(297) 941 STOCKTON ST. Alter office building.  
 Owner—Capital Co., 625 Market St.  
 Architect—L. Hendy, 625 Market St. \$1000

### ALTERATIONS

(298) 315 MONTGOMERY ST. Alter office building.  
 Owner—Commercial Union Ocean Group, Prem.  
 Architect—Not Given. \$1000

### DWELLING

(299) E. 16TH AVE., 128 S QUIN-TARA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4000

### DWELLING

(300) E. 16TH AVE., 38 S QUIN-TARA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4000

### DWELLING

(301) E. 16TH AVE., 98 S QUIN-TARA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4000

### DWELLING

(302) E. 16TH AVE., 68 S QUIN-TARA. One-story and basement frame dwelling.  
 Owner—Henry Doelger Bldr., Inc., 320 Judah St.  
 Architect—Not Given. \$4000

### APT. BUILDING

(303) NE BROADWAY AND OCTAVIA. Six-story Class C apartment building.  
 Owner—J. Epp & Sons, 4745 Geary Blvd.  
 Contractor—Leo Epp, 4745 Geary Blvd.  
 Architect—H. C. Baumann, 251 Kearny St.  
 Engineer—Jas. M. Smith, 251 Kearny St. \$150,000

### DWELLING

(304) W RHODE ISLAND, 200 S MARIPOSA. One-story and basement frame dwelling.

Owner—Joe Higgins, Inc., 62 Monterey Blvd.  
 Contractor—Magine & Redenbaugh, 483 4th Ave.  
 Architect—Not Given. \$3600

### DWELLING

(305) W RHODE ISLAND, 173 S MARIPOSA. One-story and basement frame dwelling.  
 Owner—Joe Higgins, Inc., 62 Monterey Blvd.  
 Contractor—Magine & Redenbaugh, 483 4th Ave.  
 Architect—Not Given. \$3000

### DWELLING

(306) W. RHODE ISLAND, 150 S MARIPOSA. One-story and basement frame dwelling.  
 Owner—Joe Higgins, Inc., 62 Monterey Blvd.  
 Contractor—Magine & Redenbaugh, 483 4th Ave.  
 Architect—Not Given. \$3000

### ALTERATIONS

(307) 206 SANSOME ST. Alter office building.  
 Owner—Pacific Coast Joint Stock Land Bank, Prem.  
 Contractor—James Law, 544 Ranssall St.  
 Architect—Jos. L. Stewart, 206 Sansome St. \$3000

### SERVICE STATION

(308) SW GOLDEN GATE AND OCTAVIA. One-story steel service station.  
 Owner—Ridgeway Investment Co., 475 6th St.  
 Contractor—Monson Bros., 475 6th St.  
 Architect—Not Given. \$2500

### DWELLING

(309) E 4TH AVE., 275 N RIVERA. One-story and basement frame dwelling.  
 Owner—S. A. Schwartz, 305 Grant Ave.  
 Architect—O. Clausen, 746 46th Ave. \$3000

### DWELLING

(310) E 31st AVE 50 S Cabrillo. One-story and basement frame dwelling.  
 Owner and Builder—John Beck, 500 Leavenworth St.  
 Architect—Not Given. \$4,500

### ALTERATIONS

(311) 791 BUENA VISTA Ave. Alter apartments.  
 Owner—H. Bergel, 791 Buena Vista Ave.  
 Contractor—J. Andersen, 225 Sequoia Dr., San Anselmo.  
 Architect—Not Given. \$2,750

### ALTERATIONS

(312) 410-12 SANSOME ST. Alter apartment building.  
 Owner—John Brickell Co., 154 Sutter Street.  
 Architect—Henry Howard, 580 Market Street. \$2,000

### DWELLING

(313) NW WINFIELD 265 N Virginia. One-story and basement frame dwelling.  
 Owner and Builder—A. H. Ohlsen, 212 Vienna.  
 Architect—Not Given. \$3,000

### DWELLING

(314) S ASPENADA 33 W SAN MARCOS. One-story and basement frame dwelling.  
 Owner—Wm. I. Garren, 233 Post St.

Contractor—Stuart Foster, 28 Harry Street.  
 Architect—Wm. I. Garren, 233 Post Street. \$5000

### DWELLING

(315) E 4TH AVE., 300 N RIVERA. One-story frame dwelling.  
 Owner—Lincoln Bldg Co., c/o Contractor.  
 Contractor—Lincoln Building Co., 6 Fountain St.  
 Architect—Not Given. \$2900

### DWELLING

(316) S JERSEY, 105 E DIAMOND. One-story and basement frame dwelling.  
 Owner—Walter Schmidt, 25 Virgil St.  
 Architect—Not Given. \$3250

### FATORY

(317) E FIRST, 200 S HOWARD ST. One-story Class C factory.  
 Owner—Associated Ink Co., 237 First St.  
 Contractor—James H Hjul, 128 Russ St.  
 Architect—Not Given. \$3500

### ALTERATIONS

(318) 3252 PIERCE ST. Alter flats.  
 Owner—Jos. Dondero, Prem.  
 Contractor—Fracchia & Truffelli, 1165 Clay St.  
 Architect—Not Given. \$1000

### DWELLING

(319) N INNES ST., 200 W MENDELLE ST. One-story and basement frame dwelling.  
 Owner—Alma Herman, c/o Architect.  
 Contractor—M. A. Little Co., 107 24th Ave.  
 Architect—Albert H. Larsen, 333 Kearny St. \$3000

### DWELLING

(320) N INNES, 225 W MENDELLE. One-story and basement frame dwelling.  
 Owner—Alma Herman, c/o Architect.  
 Contractor—M. A. Little Co., 107 24th Ave.  
 Architect—Albert H. Larsen, 333 Kearny St. \$3000

### DWELLING

(321) E WOODACRE DR., 172 NE OCEAN AVE. One-story and basement frame dwelling.  
 Owner—Stoneman Bros., I Sloat Blvd.  
 Architect—Not Given. \$5500

### DWELLING

(322) E WOODACRE DR., 132 NE OCEAN. One-story and basement frame dwelling.  
 Owner—Stoneman Bros., I Sloat Blvd.  
 Architect—Not Given. \$5500

### FLATS

(323) W LEAVENWORTH, 102 N BAY ST. Two-story frame flats with basement.  
 Owner—S. & A. Strazzullo, 710 Bay Street.  
 Contractor—Oliver M. Rousseau, 321 Kearny St.  
 Architect—Not Given. \$9,000

### SERVICE STATION

(324) NW THIRD AND BRYANT ST. One-story service station.  
 Owner—Wm. I. Garren, 233 Post Street.  
 Contractor—Prof. J. Early, Jr., 309 Pine St. \$5000

### DWELLING

(325) 1215 12th ST. 38 E 2nd Ave.

One - story and basement frame dwelling.

Owner and Builder—A. M. Booe, 700 Joost Avenue.  
Architect—Not Given. \$4,000

#### DWELLING

(326) W 36th AVE. 150 S Cabrillo.  
One - story and basement frame dwelling.

Owner and Builder—Michael Costello, 821 34th Avenue.  
Architect—Not Given. \$4,000

#### DWELLING

(327) W 36th AVE. 175 S Cabrillo.  
One - story and basement frame dwelling.

Owner and Builder—Michael Costello, 821 34th Avenue.  
Architect—Not Given. \$4,000

#### DWELLING

(328) E SAN BRUNO 50 S Woolsey.  
One - story and basement frame dwelling.

Owner and Builder—J. J. Kingwell, Butler Bldg.  
Architect—H. C. Baumann, 251 Kearny Street. \$4,000

### ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
424	Johnson	Owner	4000
425	Lyon	Owner	3900
426	Walker	Duncan	6000
427	Charles	Owner	2000
428	Frost	Owner	1500
429	Stein	Marchant	3000
430	Craven	Owner	3300
431	Donaldson	McChesney	1000
432	Fouling	Anderson	4800
433	Goldstein	Scott	3000
434	Goldstein	Scott	3000
435	Machado	Roberts	9000
436	Lurie	Alexander	3000
437	Miller	Owner	1500
438	Thomas	Alexander	1200
439	Cornick	Troel	5500
440	Colgate	Austin	35000
441	Alexander	Silva	2500
442	Berger	Risdon	6000
443	Flagg	Owner	4000
444	Berkeley	Villadsen	76500
445	Sproul	Owner	3000
446	Sproul	Owner	3100
447	Sproul	Owner	3500
449	Tisher	Johnson	12500
450	Hill	Owner	3500
451	Home Loan	Gabriel	4000
452	Bergen	Owner	2500
453	Kenney	Jordan	3500
454	Pac. Paint	Michel	2000
455	Milton	Brasch	5000
456	Netherby	Netherby	4650
457	Knopp	Teigland	7000
458	Pearce	Owner	2000
459	Collins	Pereira	3400
460	Dowling	Owner	4000
461	Hutchinson	Owner	3300
462	Taylor	Owner	3000

#### DWELLING

(425) 2750 23RD AVE, OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—C. D. Lyon, 6501 Buena Vista Ave.  
Architect—Not Given. \$3900

#### DWELLING

(426) 1545 FERNWOOD DR, OAKLAND. Two-story 6-room dwelling.  
Owner—A. M. Walker, 2905 Lincoln Ave., Alameda.  
Contractor—Geo. Duncan, 2523 78th Ave.  
Architect—Not Given. \$6000

#### ALTERATIONS

(427) 1335 SHATTUCK, BERKELEY. Alterations.  
Owner & Builder—Cora Charles, 543 Santa Barbara.  
Architect—Not Given. \$2000

#### ALTERATIONS

(428) 1 HILL ROAD, BERKELEY. Alterations.  
Owner & Builder—M. P. Frost, Prem.  
Architect—Not Given. \$1500

#### DWELLING

(429) 3860 VERMONT, BERKELEY. Two-story 4-room frame dwelling and garage.  
Owner—L. L. Stein, Jr., 299 Arlington Ave.  
Contractor—J. P. Marchant, 54 Stanford Rd.  
Architect—Not Given. \$3000

#### DWELLING

(430) 5923 MARDEN LANE, OAKLAND. One-story 5-room dwelling.  
Owner & Builder—C. M. Craven, 621 Central Ave., Alameda.  
Architect—Not Given. \$3300

#### ADDITION

(431) 1270 64TH AVE., OAKLAND. Addition.  
Owner—H. Donaldson, 4160 Piedmont Ave.  
Contractor—Arthur McChesney, 1045 Aileen St.  
Architect—Not Given. \$1000

#### DWELLING

(432) 6075 COLTON BLVD, OAKLAND. One-story 6-room dwelling.  
Owner—C. H. Tomlin, 1243 33rd St.  
Contractor—F. J. Anderson, 2732 Garden.  
Architect—Not Given. \$4800

#### DWELLING

(433) 1001 104TH AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Arthur Goldstein, 428 Kearny St., San Francisco.  
Contractor—Harry Scott, 4520 Cabrillo St., San Francisco.  
Architect—Not Given. \$3000

#### DWELLING

(434) 1000 103RD AVE., OAKLAND. One-story 4-room dwelling.  
Owner—Arthur Goldstein, 428 Kearny St., San Francisco.  
Contractor—Harry Scott, 4520 Cabrillo St., San Francisco.  
Architect—Not Given. \$3000

#### STORE BUILDING

(435) 4050-4-6 FOOTHILL, OAKLAND. Two-story store bldg.  
Owner—Mr. and Mrs. Edward Machado, 2633 22nd Ave.  
Contractor—R. C. Roberts & Son, 4840 Proctor Ave.  
Also garage, \$250.  
Architect—Not Given. \$9000

#### SERVICE STATION

(436) 800 CYPRESS ST., OAKLAND. One-story steel service station.  
Owner—The Lurie Co., 333 Montgomery St., San Francisco.  
Contractor—F. D. Alexander, 358 17th St.  
Architect—Not Given. \$3000

#### ALTERATIONS

(437) 739 E. 14TH ST., OAKLAND. Alter apartments.  
Owner & Builder—W. E. Miller, 741 E. 14th St.  
Architect—Not Given. \$1500

#### STORE

(438) 1109 CYPRESS ST., OAKLAND. One-story store.  
Owner—C. W. Thomas, 434 Wayne Ave.  
Contractor—F. D. Alexander, 358 17th St.  
Architect—Not Given. \$1200

#### DWELLING

(439) 2830 OTIS DR, OAKLAND. Two-story 4-room dwelling.  
Owner—Ruth Cornick, 1113 Versailles Ave., Alameda.  
Contractor—Arthur E. Troel.  
Architect—F. H. Slocombe, Oakland. \$5600

#### WAREHOUSE

(440) 810 CARLTON ST., BERKELEY. One-story 2-room warehouse.  
Owner—Colgate Palmolive Peet Co., 810 Carlton St., Berkeley.  
Contractor—Austin Company, 1001 Ray Bldg., Oakland.  
Architect—Not Given. \$35,000

#### DWELLING

(441) 10073 BROADWAY TERRACE OAKLAND. One-story five-room dwelling.  
Owner—Leo J. Alexander, 2967 Gibbons Drive, Oakland.  
Contractor—J. P. Silva, 870 46th St., Oakland.  
Architect—Not Given. \$2,500

#### STORE

(442) 2314 HIGH ST., OAKLAND. One-story store.  
Owner—Adolph Berger.  
Contractor—Risdon & Sons, 5977 Majestic Ave., Oakland.  
Architect—Not Given. \$6,000

#### DWELLING

(443) 3358 HERRIER ST., OAKLAND. One-story 5-room dwelling.  
Owner and Builder—A. J. Flagg, 3743 Loma Vista Ave., Oakland.  
Architect—Not Given. \$4,000

#### SCHOOL BLDGS.

(444) 1645 MILVIA ST., BERKELEY. Group B 2-story 8-room school building.  
Owner—Berkeley Unified School District.  
Contractor—Villadsen Eros, Inc., 354 Hobart St., Oakland.  
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley. \$76,500

#### DWELLING

(445) 1288 CAMPUS DR., BERKELEY. One-story 3-room frame dwelling.  
Owner and Builder—H. R. Sproul, 1517 Sonoma, Berkeley.  
Architect—Not Given. \$3,000

#### DWELLING

(446) 1298 CAMPUS DR., BERKELEY. One-story 3-room frame dwelling.  
Owner and Builder—H. R. Sproul, 1517 Sonoma, Berkeley.  
Architect—Not Given. \$3,100

(447) 629 EUCLID AVE., BERKELEY. One-story four-room frame dwelling and garage.  
Owner and Builder—H. R. Sproul, 1517 Sonoma, Berkeley.  
Architect—Not Given. \$3,500

#### APARTMENTS

(449) 1016 BAY VIEW AVE., OAKLAND. Two-story 16-room apts.  
Owner—C. R. Tisher, 6127 Foothill Blvd.  
Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro.  
Architect—Not Given. \$12,500

#### DWELLING

(450) 3222 PARTRIDGE AVE., OAKLAND. One-story 5-room dwelling.  
Owner & Builder—Frank R. Hill, 3215 Fruitvale Ave.  
Architect—Not Given. \$3500

#### DWELLING

(451) 4417 TOMPKINS AVE., OAKLAND. One-story 5-room dwelling.

Owner — Home Loan Security Co.,  
1447 Franklin St.  
Contractor—Walter N. Gabriel, 1447  
Franklin St.  
Architect—Not Given. \$4000

**DWELLING**  
(452) 941 107TH AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner & Builder—Vern Bergen, 957  
Mission St., San Francisco.  
Architect—Not Given. \$2500

**DWELLING**  
(453) 1696 SACRAMENTO, BERKE-  
LEY. One-story 6-room frame  
dwelling and garage.  
Owner—J. C. Kenney, 2206 6th St.  
Contractor—M. Jordan, 979 Moun-  
tain Blvd., Oakland.  
Architect—Not Given. \$3500

**ADDITIONS**  
(454) 1608 FOURTH ST., BERKE-  
LEY. Additions.  
Owner—Pacific Paint & Varnish Co.,  
Frem.  
Contractor — Michel & Pfeffer Iron  
Works, 1415 Harrison St., San  
Francisco.  
Architect—Not Given. \$2000

**DWELLING**  
(455) 5611 FLORENCE AVE., OAK-  
LAND. Two-story 6-room dwell-  
ing.  
Owner—Graydon A. Milton, 3026 56th  
Ave.  
Contractor—M. P. Brasch, 1600 Mtn.  
Ely.  
Architect—Not Given. \$5000

**DWELLING**  
(456) 5673 COLTON BLVD., OAK-  
LAND. One-story 5-room dwell-  
ing.  
Owner—E. M. Netherby, 3853 Lyman  
Road.  
Contractor—W. L. Netherby, 3853 Ly-  
man Road.  
Architect—Not Given. \$4650

**DWELLING**  
(457) 75 PARNASSUS RD., BERKE-  
LEY. One-story 6-room frame  
dwelling and garage.  
Owner—F. A. Knopp, 1693 Euclid.  
Contractor—C. M. Telgland, 525 49th  
St., Oakland.  
Architect—F. Confer. \$7000

**DWELLING**  
(458) 2821 SHASTA, BERKELEY.  
One-story 3-room frame dwelling  
and garage.  
Owner & Builder—Gerald G. Pearce,  
2508 Haste.  
Architect—F. Wilkie, 611 Hilldale.  
\$2000

**DWELLING**  
(479) 5450 HOLLAND ST., OAK-  
LAND. One-story 4-room dwell-  
ing.  
Owner—J. I. Collins, 1439 55th Ave.  
Contractor—Q. V. Pereira, 3301 Co-  
lumbian Dr.  
Also 1-story garage, \$400. \$3400  
Architect—Not Given.

**DWELLING**  
(460) 4100 SHAFTER AVE., OAK-  
LAND. One-story 6-room dwell-  
ing.  
Owner & Builder—Geo. F. Dowling,  
337 17th St.  
Architect—Not Given. \$4000

**DWELLING**  
(461) 2625 90TH AVE., OAKLAND.  
One-story 5-room dwelling.  
Owner & Builder—E. B. Hutchison,  
2782 68th Ave.  
Architect—Not Given. \$3300

**DWELLING**  
(462) 2215 88TH AVE., OAKLAND.  
One-story 4-room dwelling.  
Owner & Builder—Edward F. Tay-

lor, 1176 78th Ave.  
Also 1-story garage, \$150.  
Architect—Not Given. \$3000

**BUILDING CONTRACTS**  
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
227	Union Oil	Early	5254
228	Del Norte	Early	5625
229	Union Oil	Early	4588
230	Strazullo	Rousseau	—
231	S. P. Co.	Schraeder	3630
232	Anglo Calif.	Jacks	2216

**SERVICE STATION**  
(127) CALIFORNIA and Scott Sts.  
Service Station No. 1076.  
Owner—Union Oil Co. of California.  
Architect—Not Given.  
Contractor—Fred J. Early, Jr., 369  
Pine Street.  
Filed, Dec. 16, '37. Dated, Dec. 14, '37.  
Completion ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$5,254.00  
plus \$25.00 per c.y. for retaining wall  
Limit, 35 days. Plans and Spec. filed.

**SERVICE STATION**  
(228) NE 19th AVE. and Noriega St.  
Service station.  
Owner—Del Norte Investment Co.  
Architect—Not Given.  
Contractor—Fred J. Early, Jr., 369  
Pine Street.  
Filed, Dec. 16, '37. Dated, Dec. 13, '37.  
Steel buildings ..... 2000  
Completion ..... 2000  
Usual 35 days ..... 1625  
TOTAL COST, \$5,625  
Limit, 60 days. Plans and Spec. filed.

**SERVICE STATION**  
(229) THIRD and Bryant Sts. Ser-  
vice Station No. 1079.  
Owner—Union Oil Co. of California.  
Architect—Not Given.  
Contractor—Fred J. Early, Jr., 369  
Pine Street.  
Filed, Dec. 16, '37. Dated, Dec. 13, '37.  
Completion ..... 75%  
Usual 35 days ..... 25%  
TOTAL COST, \$4,588.00  
Limit, 35 days. Plans and Spec. filed.

**FLATS**  
(230) W. LEAVENWORTH, 102 N  
BAY. Two-story frame flats.  
Owner—Salvatore and Annie Straz-  
ullo.  
Contractor—Oliver M. Rousseau.  
Filed Dec. 21, '37. Dated Dec. 20, '37.  
Commencement—Deed to lot at  
NW Bay and Leavenworth + \$5.  
Brown coated ..... \$2165  
Completion ..... 2165  
Usual 35 days ..... 2165  
Limit, 120 days. Plans and specifi-  
cations filed.

**SUN PORCHES**  
(231) FELL and BAKER STREET.  
Two steel hospital sun porches.  
Owner—Southern Pacific Co.  
Contractor—Schraeder Iron Works,  
Inc.  
Filed, Dec. 21, '37. Dated, Dec. 15, '37.  
75% each month.  
25% usual 35 days.  
TOTAL COST, \$3,630  
Bond, \$3,630. Surety, United States  
Guarantee Co. Limit, 60 days. Plans  
filed.

**ALTERATIONS**  
(232) NW 16th and Mission Streets  
Alterations and additions to bank  
building.  
Owner The Anglo California Nation-  
al Bank, premises.  
Architect—Wm. W. Wurster, 260 Cal-  
ifornia Street.  
Contractor—Jacks & Irvine, 629 Mar-  
ket Street.  
Filed, Dec. 22, '37. Dated Dec. 21, '37.  
Tenth of each month 75%

Usual 35 days ..... 25%  
TOTAL COST, \$2,116  
Plans and specifications filed.

**UNDER REVISION**  
NO. 00015

ALTER dwelling, \$50; 1350 47th Ave.;  
owner, Fred Ewald, 2079 Tenth  
Avenue.

SIGN, electric, \$100; 1805 Haight St.;  
owner, E. L. Strong, prem.; con-  
tractor, Neon Sign Service Co.,  
1707 Folsom St.

SIGN, electric, \$150; 240 Turk Street;  
owner, Van Dorne Cafe, prem.;  
contractor, Wonderlite Neon Prod. Co.,  
170 Otis St.

ALTER flats, \$166; 334 Frederick;  
owner, A. Puccinelli, prem.; con-  
tractor, S. F. Terrazzo Co., 3730  
3rd St.

ALTER restaurant, \$50; 150 Ellis;  
owner, White & Gridley, 150 Ellis.  
ALTER dwelling, \$275; 1648 Hyde;  
owner, Mr. Guaragna, premises;  
contractor, G. B. De Lucchi, 4  
Sharp Place.

SIGN, electric, \$400; 12 Ellis Street;  
owner, Hotel Pasadena, premises  
contractor Western Neon Lite Co.  
750 Fremont St.

SIGN, electric, \$100; Bayshore and  
3rd St.; owner, Union Oil Co.,  
premises; contractor, Elec. Prod  
Corp., 910 Harrison St.

ALTER offices, \$800; 225 Bush St.;  
owner, Standard Oil Co., 225 Bush  
St.; contractor, Lindgren & Swin-  
erton, Inc., 225 Bush St.

FLUES, \$25; 877 Golden Gate Ave.;  
owner, M. C. Sosnick, premises;  
contractor, Grant Sheet Metal  
Works, 791 McAllister St.

FLUES, \$55; 51 West Clay Park,  
owner, Mr. Barthold, prem.; con-  
tractor, F. L. Perini, 325 Way-  
land.

ALTER restaurant, \$150; 841 Larkin  
St.; owner, Jos. Chelani, prem.  
ALTER warehouse, \$400; 235 Bay-  
shore Blvd.; owner, Fährns & Ber-  
onio, 3146 Lyon St.; contractor,  
Massarie & Sestina, 2250 19th St.

ALTER auto repair shop, \$200; 851  
Ellis St.; owner, L. Spindler, 854  
Ellis St.; contractor, D. C. Mc-  
Cabe & Sons, Call Bldg.

BILLEARD, \$7; SE Judah St. and  
29th Ave.; owner and contractor,  
Foster & Kleiser Co., 1675 Eddy.  
SIGN, electric, \$200; 1702 Washing-  
ton St.; owner, M. Turner, prem.;  
contractor, Western Neon Lite  
Co., 75 Fremont St.

ALTER flat, \$300; 2769 Filbert St.;  
owner, C. A. Dement, premises.  
ALTER hall, \$700; 57 Clay St.; own-  
er, Maritime Hall Assn., prem.;  
contractor, Geo. Wagner, 181 So.  
Park.

BILLEARD, \$7; W 11th St. 25 S  
Market St.; owner and contrac-  
tor, Foster & Kleiser Co., 1675  
Eddy St.

ALTER store, \$400; SW Second and  
Brannan Sts.; owner, Crane Co.,  
premises; engineer, T. Ronneberg  
826 Crocker Bldg.

SIGN, electric, \$200; 3700 California  
St.; owner, Children's Hospital,  
premises, contractor, Wonderlite  
Neon Prod Co., 170 Otis St.

ALTER lunch room, \$75; 3256 22nd  
St.; owner, Wm. McKee, prem.

SIGN, electric, \$100; 619 Jackson St.;  
owner, Nanking Low, premises,  
contractor Wonderlite Neon Prod. Co.,  
170 Otis St.

SIGN, electric, \$300; 66 Geary St.;  
owner, Hotel Graystone, prem.;  
contractor, Novelly Electric Co.,  
66 Washburn St.

ALTER dwelling, \$150; 102 Whipple  
owner, Anglo Martorello, care  
contractor, contractor, I W Co-  
burn, 2018 Market St.

# BUILDING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- |                                 |                                             |
|---------------------------------|---------------------------------------------|
| 1.—Apartments                   | 11.—Ice and Cold Storage Plants             |
| 2.—Bands                        | 12.—Power Plants                            |
| 3.—Churches                     | 13.—Public Buildings, Fire Houses and Jails |
| 4.—Factories and Warehouses     | 14.—Residences                              |
| 5.—Flats                        | 15.—Schools                                 |
| 6.—Garages and Service Stations | 16.—Banks, Stores and                       |
| 7.—Federal Buildings            | 17.—Theatres                                |
| 8.—Club Buildings               | 18.—Wharves & Docks                         |
| 9.—Hospitals                    | 19.—Misc. Const.                            |
| 10.—Hotels                      | 20.—Misc. Supplies &                        |

### 1—APARTMENTS

Contract Awarded  
APARTMENTS Est. Cost, \$12,500  
OAKLAND, Alameda Co., Cal. 1016  
Bay View Ave.

Two-story 16-room apt. building.  
Owner—C. R. Tisher, 6127 Foothill Blvd.

Architect—Not Given.

Contractor—Elmer Johnson, 455 Oakes Blvd., San Leandro. \* 1

Preparing Preliminary Plans  
APARTMENTS Est. Cost, \$75,000  
SAN JOSE, Santa Clara Co., Calif.  
Three-story and full basement reinforced concrete apartment house to contain 36 2-room apts.  
Owner—Withheld.

Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

Sub Contract Awarded  
APARTMENTS Est. Cost, \$ .....  
SAN FRANCISCO NW 9th Avenue and Lawton Street.

Apartment building.  
Owner & Builder—Axel Johnson.  
Engineer—R. S. Chew, Mills Bldg., San Francisco.

Structural Steel—Golden Gate Iron Works, 1541 Howard St., San Francisco. 1

### 3—CHURCHES

#### BIDS OPENED

LOS ANGELES, Cal.—The following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Pro. 173, for furnishing 147,000 pounds of fabricated steel for Opechee Way Bridge:

Wisconsin Bridge & Iron Co., \$4448 lb., \$6555.60 total; Job Milwaukee

Apex Steel Corp., \$655 lb., \$6805 total delivered; 1/2 of 1% 20 days.

Bethlehem Steel Co., \$6479 lb., total \$7491.30 total; delivered.

Bethlehem Fabricators, \$5214 lb., \$7664.58 total delivered. Total based on price of \$65214 lb.

Kyle Steel Const. Co., \$64945 lb., \$7269.15 total; 1/2 of 1% 10 days delivered.

Consolidated Steel Corp., \$65 lb., \$7350 total delivered.

Lakeside Bridge & Steel Corp., \$6471 lb., \$6,923.70 total, Job Milwaukee

### 4—FACTORIES & WAREHOUSES

Bids Open Today, 10 A. M.  
BUILDING Est. Cost \$13,000  
SAN FRANCISCO NE Seventh St  
75 SE Brannan St.

One-story steel and concrete mercantile building.  
Owner & Builder—O. R. and F. W. Schrader, 1274 Harrison Street.  
Architect—Not Given.

Sub Contracts Awarded  
WAREHOUSE Est. Cost, \$35,000  
BERKELEY, Alameda Co., Cal.  
Warehouse.

Owner—The Palmolive-Peet Co., Carlton and Sixth Streets, Berkeley.

Plans by Constr. Dept. of Owner.  
Contractor—The Austin Co., Ray Bldg., Oakland.

Concrete—Chas. S. Hughes Co., 1001 Ashby St., Oakland.  
Excavations—J. Catucci, 1212 18th Ave., Oakland.

Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.

Form Lumber—Hogan Lumber Co., 2nd and Alice Sts., Oakland.

Structural Lumber—E. K. Wood Lbr. Co., No. 1 Drumm St., San Francisco.

Sprinklers—Grinnell Co. of the Pacific, 601 Brannan St., San Francisco.

Contract Awarded  
FACTORY ADDN. Est. Cost, \$31,000  
OAKLAND, Alameda Co., Calif. 6th and Franklin Sts.

Three-story reinforced concrete addition to existing factory building (approx. 75 x 75 ft.).

Owner—California Golden State Salami Company.

Architect—Ray Keefer, 770 Wesley Ave., Oakland.

Contractor—James B. Petersen & Son, 4621 Agua Vista St., Oakland.

### 6—GARAGES & SERVICE STATIONS

Additional Sub-Contracts Awarded  
OFFICE BLDG. Est. Cost, \$60,000  
SAN FRANCISCO SW Corner Van Ness Avenue and Redwood Street

Five-story and mezzanine reinforced office and loft building.

Owner—The Lurie Co., 333 Montgomery Street.

Architect—W. D. Peugh, 333 Montgomery Street.

Structural Engineer—F. W. Kellberg, 320 Market Street.

Contractor—Cahill Brothers, 206 Sansome Street.

Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.

Placing Reinf. Steel—J. Philip Murphy, 3901 Mission Street.

As previously reported: Lumber awarded to J. H. McCallum, 748 Bryant St.; concrete to Golden Gate Atlas Materials Co., 16th and Harrison.

Contract Awarded  
SERVICE STATION Cont. Pr., \$4,588  
SAN FRANCISCO, Third and Bryant Streets.

New gasoline service station.  
Owner—Union Oil Co. of California, Mills Tower, San Francisco.

Plans by Engrg. Dept. of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine St.

Plans Completed  
SERVICE STATION Est. Cost, \$3,000  
SAN JOSE, Santa Clara Co., Calif.  
San Pedro and Post Sts.

Steel and brick gasoline service station.  
Owner—Mr. Hewlett, c/o Contractor.  
Architect—Edward W. Kress, 516 1st

National Bank Bldg., San Jose.  
Contractor—Hayden & Yates, 120 Bernal Dr., Salina.

Contract Awarded  
SERVICE STATION Est. Cost, \$ .....  
SAN FRANCISCO, California and Scott Streets.

New gasoline service station.  
Owner—Union Oil Co. of California, Mills Tower, San Francisco.

Plans by Engrg. Dept. of Owner.  
Contractor—Fred J. Early, Jr., 369 Pine St. 6

Contract Awarded  
SERVICE STATION Cont. Pr., \$5,625  
SAN FRANCISCO, NE 19th Ave. and Noriega St.

Gasoline service station.  
Owner—Del Norte Investment Co. Plans by Owner.

Contractor—Fred J. Early, Jr., 369 Pine St. 6

Contract Awarded  
SERVICE STATION Est. Cost, \$ .....  
MARTINEZ, Contra Costa Co., Calif.  
New gasoline service station.

Owner—Union Oil Co. of California, Mills Tower, San Francisco.

Plans by Engrg. Dept. of Owner.  
Contractor—Lewis & Clark, 1002 California Bldg., Oakland.

### 7—FEDERAL BUILDINGS

#### LOW BIDDER

SHERIDAN, Wyo. — Bellis Wire Works, Inc., 307 Scholes St., Brooklyn, N. Y., at \$17,589, submitted low bid to the U. S. Veterans Administration, Washington, D. C., for wire grilles for Buildings Nos. 3, 4, 7, 8, 9 and 71 at the Veterans' Facility, Sheridan. \* 7

#### MATERIALS APPROVED

LOS ANGELES, Calif.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. Jail at Los Angeles, Robert E. McKee, 1128 Central Bldg., Los Angeles: Plumbing fixtures, Washington-Eljer Co.; brass pipe, Am. Tube Works; nonconducting covering for plumbing, Johns-Manville Co.; mechanical traps, Sarco Co.; thermosatic traps, Warren-Webster Co.; exposed radiators and wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; radiator valves and radiator traps, Warren-Webster Co.; thermostat control for unit heaters, Merstall Corp.; distribution panel boards, Westinghouse Elec. & Mfg. Co.; outlet boxes, Jefferson Elec. Co.; plug receptacles heavy duty receptacles, lamp receptacles and flush switches, Bryant Elec. Co.; momentary contact switches, Arrow-Hart & Hoge-Union Elec. Co.; watertight fixtures, Crouse-Hinds Co.; motor switches, Westinghouse Elec. & Mfg. Co.; conduit, Walker Bros.; wire and cable, rubber covered 600-volt, Gen. Cable Corp.; wire and cable, lead covered, 600-volt, General Cable Corp. \* 7

#### MATERIALS APPROVED

SANTA MONICA, Los Angeles Co., Cal.—Treasury Dept. approved following building materials and equipment awards for the construction of the U. S. Post Office at Santa Monica: James I. Barnes Constr. Co., Springfield, Mo., general contractor; Lighting fixtures, Beranek & Erwin Co.; stainless steel and Multi Elec. Mfg. Co., standard. 7

**Site Selected**

**U. S. POST OFFICE** Cost, \$...  
**LOS BANOS**, Merced Co., Calif. M  
 and Sixth Sts.

U. S. Post Office.  
 Owner—U. S. Government.  
 Architect—Procurement Division,  
 Pub. Bldgs. Br., Washington, D. C.

**BIDS OPENED**

**SAN FRANCISCO**, Calif.—Albert E. Mangs & Associates, 709 Geary St., San Francisco, at \$4,985, submitted low bid to the District Public Works Office, Room 351, Federal Office Bldg., San Francisco, for the installation of a steel lined vault, steel window shutters and grille, and steel vault door, having a four movement, 96-hour time lock and combination, the wall; plastering, electrical work, carpentry work, painting, heating and plumbing between Rooms 360 and 366 on the third floor of the Federal Office Bldg., Civic Center, San Francisco. Spec. No. 8631.

Complete bids follow:  
 Albert E. Mangs & Assoc. . . . \$4,985  
 De Lutz & Son, Inc. . . . 5,423  
 Nick Hemminga . . . 5,816  
 Anderson & Rowe . . . 5,993  
 Peter Sartorio . . . 6,200  
 Carlen Constr. Co. . . . 6,388  
 Bids forwarded to Washington, D. C.

**Plans Completed**

**ALTER POST OFFICE** Cost, \$750,000

**SPOKANE**, Wash.  
 Alterations and additions to Post Office and Courthouse.

Owner—U. S. Government.  
 Plans by Supervising Archt., Treasury Dept., Washington, D. C.  
 Floyd M. Williams, Postal Engineer, is now in Spokane checking plans and bids are expected to be called in the near future.

**Contracts Awarded**

**INTERIOR WORK**, ETC.

Contract Price, \$306,500  
**SACRAMENTO**, Cal. Army Air Depot near North Sacramento.  
 Construction and completion of interior work in A. C. Engineering Shop and Repair Decks. Work includes interior partitions, floors doors, sash, plumbing, heating and ventilating, electrical work, etc.

Owner—U. S. Government (Major A. W. Parker, Constructing Quartermaster), P. O. Box 1646, Sacramento.

Plans prepared by the Office of the Quartermaster General, Washington, D. C.

Contractor—Eaton and Smith, 715 Ocean Ave., San Francisco.  
 Cory & Joslin, Inc., 50 Hawthorne St., San Francisco, at \$59,783 awarded contract for plumbing, heating and ventilating work, and Reliable Elevator Works, 619 California Street Sacramento, awarded contract for the electric work at \$107,200.

**Preparing Plans**

**POST OFFICE** Cost, \$124,000

**OXNARD**, Ventura Co., Cal. NE Cor Fourth and A Streets  
 Post Office (149x150-ft.)  
 Owner—United States Government  
 Plans by Procurement Division, Public Buildings Branch, Washington, D. C.

**BIDS OPENED**

**TRACY**, San Joaquin Co., Calif.—The Robbins Mfg. Co., Chicago, Ill., at \$403, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for insect screens in the U. S. Post Office at Tracy.

Nick Hemminga, San Francisco, at \$625, submitted only other bid. \* 7

**CONTRACT AWARDED**

**SAN DIEGO**, Cal.—West Coast Gas Engine Co., 312 W. Market St., San Diego, at \$861.00 was awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. 5605, for repairs to refrigerating plant in Bldg. No. 4, at the Naval Hospital, San Diego. \* 7

**BID OPENING POSTPONED**

**SAN DIEGO**, Cal.—The Bureau of Yards & Docks, Washington, D. C., postponed the call for bids for Galley, Bakery and Cold-Storage Equipment at the Naval Operating Base (Air Station) San Diego, under Spec. 5855. Bids were called for Dec. 14, 11 A. M. New date will be announced later. \* 7

**BIDS OPENED**

**LAKEVIEW**, Oregon.—Washington Ornamental Co., Washington, D. C., at \$110, submitted low bid to the Procurement Division, Public Bldgs. Branch, Washington, D. C., for plaster models for call for bids for Lakeview, Oregon.

Other bids were:  
 Lombard & Ludwig, Washington, D. C.—\$113.  
 A. Bussard & Co., Washington, D. C.—\$139.  
 Bruyninck Co., Washington, D. C.—\$150. \* 7

**Bids Rejected**

**LOS ANGELES**—Procurement Division, Public Bldgs. Branch, Washington, D. C., rejected all bids received for a lawn sprinkler system at the U. S. Quarantine Station at Los Angeles.

Bids were in excess of amount available. Specifications will be revised and re-advertised. \* 7

**BIDS WANTED**

**SACRAMENTO AIR DEPOT**, Cal.—Until Jan. 27, 2 p.m., bids will be received by the Construction Quartermaster, Sacramento Air Depot, Cal., for the construction and completion of three-ton U. S. Army Standard Natural Draft Incinerator at Sacramento Air Depot.  
 Plans and specifications may be obtained at the above office upon deposit of a certified check in the amount of \$500, payable to the Treasurer of the United States.

**BIDS WANTED**

**SACRAMENTO AIR DEPOT**, Cal.—Until Jan. 28, 2 p.m., bids will be received by the Construction Quartermaster, Sacramento Air Depot, Cal., for the construction and completion of an Air Corps Gasoline Fueling System at Sacramento Air Depot.

Plans and specifications may be obtained at the above office upon deposit of a certified check in the amount of \$500, payable to the Treasurer of the United States.

**CONTRACT AWARDED**

**TERMINAL ISLAND**, Los Angeles, Cal.—Cal. Ladders Curtis, 111 West Seventh St., San Pedro, at \$110.00 awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. N-8630, for diving foundation piles for Airplane Hangar at 11th Naval District (Reeves Field) Terminal Island, Los Angeles Harbor.

**CONTRACT AWARDED**

**ALAMEDA**, Calif.—San Francisco Bridge Co., 503 Market St. at \$5,955, awarded contract by the Public Works Officer, 12th Naval District, Room 353, Federal Office Bldg., San Francisco, under Spec. #109 for core borings for the Naval Air Station at Alameda.

Work consists of making 63 complete deep borings to a depth of forty-five (45) feet below Mean Lower Low Water, and 26 shallow borings.  
 Complete bids published Nov. 18th

**Complete Bids**

**OFFICERS AND NCO QUARTERS**  
**HICKAM FIELD**, T. H.

Construct and complete 42 sets of N. C. O. Quarters, 437 buildings, estimated cost, \$352,000, 39 sets of Field and Company Officers' Quarters (39 buildings), estimated cost, \$599,000, together with all utilities thereto.

Owner—U. S. Government (Captain H. B. Nurse, Constructing Quartermaster).

Plans prepared by Office of Quartermaster General, Constructing Division, Washington, D. C.

Low Bidder—Robert F. McKee, 1128 Central Bldg., Los Angeles, \$802,000.00.

Bids were received as follows: Item (1) NCO Quarters, Item (2) Field and Company Officers' Quarters, Item (3) Combined prices for Items (1) and (2).

Total bids received at Fort Mason, San Francisco, follows:  
 Robert F. McKee, Los Angeles, (1) \$311,000; (2) \$509,000; (3) \$802,000.  
 MacDonald Const. Co., St. Louis, Mo., (1) \$324,240; (2) \$540,900; (3) \$855,000.  
 Eser-Wilkham Ltd., Los Angeles, (1) \$329,400; (2) \$538,000.

Tucker-McClure, Los Angeles, (1) \$330,887; (2) \$544,200; (3) \$853,190.  
 Atkinson & Kier, San Francisco, (1) \$435,957; (2) \$645,577; (3) \$859,200.

As previously reported, only two bids were received at Hickam Field, Honolulu, totals of which follow:  
 William Willis, Seattle, (3) \$898,000.  
 E. E. Black, Ltd., Honolulu, (3) \$899,000.

**BIDS WANTED**

**SAN PEDRO**, Los Angeles Co., Cal.—Until January 12, 10 A. M., bids will be received by the Procurement Division, Public Buildings Branch, Washington, D. C., for wire mesh partitions, etc., in the U. S. P. O. and Custom House at San Pedro.

Drawings and specifications may be obtained from the above office and from the Custodian of the Bldg.

**Bids Wanted — To Close March 1, 1 00 P. M.**

**RESIDENCE**

**MANILA**, P. I.

Construction of the U. S. High Commissioner's Office and Residence (except elevators and dumbwaiter, and garage and servants' quarters at Manila, Philippine Islands).

Owner—United States Government.  
 Plans by Procurement Division, Public Bldgs. Branch, Washington, D. C.

Plans and specifications may be obtained from the Procurement Division, Washington, D. C., and from District Engineer, Wm Arthur Newman, 232 Federal Office Bldg., San Francisco, Calif.

No deposit required for two sets of plans.

**Bids Wanted — To Close Jan. 25,**

**1 00 P. M.**

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**BASE OFFICES** Estimated \$7,000

**Site Selected**  
**POST OFFICE** Cost, \$8,000  
 OXNARD, Ventura Co., Cal. NE Cor.  
 Fourth and A Streets.  
 Post Office site (140 x 150 ft.).  
 Owner—United States Government.  
 Plans by Procurement Division, Public Buildings Branch, Washington, D. C.  
 Property submitted by the Peoples Lumber Co. 7  
 (7862)

**Low Bidders**  
**QUARANTINE STATION** Cost, \$.....  
 HONOLULU, T. H.  
 United States Quarantine Station.  
 Owner—U. S. Government.  
 Architect—Procurement Division, Public Buildings Branch, Washington, D. C.  
**Low Bidder**—MacDonald Construction Co., 3829 W. Pine Blvd., St. Louis, Mo.—\$145,700.  
 Second low bid submitted by John Hansen, Honolulu, T. H.—\$146,970.

**Preparing Plans**  
**POST OFFICE** Cost, \$248,000  
 EUGENE, Oregon.  
 U. S. Post Office.  
 Owner—U. S. Government.  
 Architect—Supervising Arch. Treasury Dept., Washington, D. C.  
 A site has been selected and bids will be asked by the Procurement Division, Public Buildings Branch, Washington, D. C., upon completion of plans.

**Preparing Plans**  
**POST OFFICE AND COURTHOUSE.**  
 Cost, \$250,000  
 YAKIMA, Wash.  
 U. S. Post Office and Courthouse.  
 Owner—U. S. Government.  
 Architect—Supervising Arch., Treasury Dept., Washington, D. C.  
 A site has been selected and bids will be called by the Procurement Division, Public Buildings Branch, Washington, D. C., upon completion of plans.

**Complete Bids**  
**QUARANTINE STATION**  
 HONOLULU, T. H.  
 United States Quarantine Station.  
 Owner—U. S. Government.  
 Architect—Procurement Division, Public Buildings Branch, Washington, D. C.

**Low Bidder**—MacDonald Construction Co., 3829 W. Pine Blvd., St. Louis, Mo.—\$145,700.  
 Complete bids follow:  
 MacDonald Constr. Co., St. Louis, Mo.—\$145,700.  
 John Hansen, Honolulu—\$146,970.  
 E. E. Black, Ltd., Honolulu—\$149,900.  
 George Hess, Honolulu—\$159,450.  
 Geo E Frietas, Honolulu—\$170,000.  
 Ralph E. Woolley, Honolulu—\$171,000.  
 Robert E McKee, Los Angeles—\$176,000.

## 9— HOSPITALS

**CONTRACT AWARDED**  
**YOUNTVILLE**, Napa Co., Calif.—  
 Walter S. Leland Co., Walnut Creek, at \$24,408, awarded contract by the State Architect, Geo. B McDougall, Public Works Bldg., Sacramento, for furnishing and installing one 400-hp. boiler at the Veterans' Home, Yountville

**Plans Completed**  
**HOSPITAL BUILDING**  
 Est. Cost, \$250,000  
**EAST BAKERSFIELD**, Kern Co., Cal. Kern General Hospital.  
**Four-story** steel frame hospital bldg. with concrete walls and floors,

brick veneer exterior, tile roof, elevator, asphalt tile floor surfacing, tiled bathrooms, steam heat from central plant.  
 Owner—County of Kern.  
 Architect—Chas. H. Eigger, 554 Harborfield Bldg., Bakersfield.  
 Structural Engineer—Mark Falk, 908 Washington Bldg., Los Angeles.  
 Plans and specifications have been submitted to the county supervisors.

**Low Bidders**  
**REMODEL HOTEL** Cost, \$.....  
 VISALIA, Tulare Co., Cal. 204 East Main Street.  
 Remodel hotel (installation of complete air conditioning system, 30 new tile baths, plumbing, remodel heating system, painting, and general repairs.

Owner—Hotel Johnson (J. Johnson) Visalia.  
 Architect—Ernest J. Kump, Rowell Building, Fresno.  
**Low Bidder**—Harris Const. Co., 577 McKinley Ave., Fresno, \$35,866.  
 Bids were received for the general work and air conditioning system, for which three low bids follow:  
**General Work**  
 Harris Const. Co., Fresno.....\$35,866  
 R. W. Brown Const. Co., Modera ..... 36,925  
 Lindgren & Swinerton, Inc., Sacramento ..... 37,353

**Air Conditioning**  
 James A. Nelson, Inc., 1375 Howard St., S. F. .... \$21,451  
 Central California Ice Co., Fresno ..... 25,200  
 Frigidaire Div., General Motors Corp. .... 26,944

**Segregated Bids Wanted—To Close**  
 January 10, 11 A. M.  
**ISOLATION WARD** Est. Cost \$27,500  
**MARTINEZ**, Contra Costa Co., Calif.  
 Addition of an isolation ward to accommodate 12 patients at south end of present County Hospital.  
 Owner—County of Contra Costa.  
 Architect—E. Geoffrey Bangs, 580 Market St., San Francisco, and Keith O. Narbett, 474 31st Street Richmond.

Plans and specifications are now available at Mr. Bangs' office and Mr. Narbett's office upon deposit of \$25.00.

**CONTRACT AWARDED**  
**BAKERSFIELD**, Kern Co., Cal.—  
 Safety Incinerator Co., 3329 Sunset Blvd., Los Angeles, awarded contract by Kern County Supervisors for furnishing and installing new incinerators and stacks at Stonybrook Retreat and at the Kern General Hospital. 9

## 12— POWER PLANTS

**BIDS WANTED**  
 LOS ANGELES, Calif.—Until Jan. 5, 10 a.m., bids will be received by Los Angeles Board of Public Works for remodeling Harris Place sewage pumping plant at Terminal Island, FWA Proj. 5633, Unit 5. 12

**Contract Awarded**  
**CABLE DUCTS** Cost, \$.....  
 OAKLAND, Alameda Co., Cal. First and Grove Streets.  
 Underground cable ducts for Sub-Station C.  
 Owner—Pacific Gas & Electric Co.  
 Plans by Engr. Dept. of Owner.  
 Contractor—R. G. Clifford, 215 Market St., San Francisco.

**BIDS WANTED** December 22, 1937.  
**ALTURAS**, Modoc Co., Calif.—Until Jan. 4, 10 a.m., bids will be received by the Surplus Valley Electrification Corp. of Alturas, for the construction

of a brick and concrete power plant building, together with the necessary foundations to support machinery and equipment to be furnished by others, near Alturas.

Plans and specifications were prepared by Architect Theodore Buegg, 251 Kearny St., San Francisco, and may be obtained from Allan Sickler, Box 161, Alturas, or M. E. Prescott, Secretary of the Surplus Valley Electrification Corp.

Bids must be accompanied by a certified check or bid deposit of 5% of bid, payable to the Surplus Valley Electrification Corp.

## 13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

**Contract Awarded**  
**ENTRANCE, ETC.** Cont. Pr., \$39,424  
**YERBA BUENA SHOALS**. Site of the 1939 World's Fair.

Construction of certain entrances and appurtenant work to be installed in the outer walls of Palaces 5 to 14, inclusive, and the construction of wall from the South Tower west to the Air Terminal Building.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush Street.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush Street.

Contractor—E. T. Lesure, 87 Ross Circle, Oakland—\$39,424.

**Bids Wanted — To Close December**  
 28, 3:00 P. M.

**SCULPTURAL MODELS** Cost, \$.....  
**YERBA BUENA SHOALS**. Site of the 1939 World's Fair.

Enlarging and casting in staff of sculptural models, South Towers, South Court and North Long Court, under Contract No. 125.

Owner—San Francisco Bay Exposition, Inc. (Leland W. Cutler, Pres.), 585 Bush St.

Architect—San Francisco Bay Exposition Architectural Commission, 585 Bush St.

**Contract Awarded**  
**ADDITION** Cost Price, \$6,764  
**PACIFIC GROVE**, Monterey Co., Cal.  
 Addition of new wing to the city library building (lecture rm., stock room, children's rooms, etc.)  
 Owner—City of Pacific Grove (Erwin Dames, city manager).  
 Architect—C. J. Ryland, Carmel and Monterey.

Contractor—W. P. Sweeney, 863 Light-house Ave., Pacific Grove.

Complete bids follow:  
 W. P. Sweeney, Pacific Grove, \$6,764  
 John H. Clark, Monterey ..... 7,287  
 Chas. M. Hall, Pacific Grove ..... 7,080  
 Richard Chivers, Pacific Grove, 7,325

**Bids Wanted—To Close Feb. 9**  
**STATE OFFICE BUILDING**

Cost, \$1,000,000  
 PORTLAND, Ore. Winter and Court Streets.

Three-story and basement office and library building (196 x 103 ft.).  
 Owner—State of Oregon.

Architect—Whitehouse & Price, 619 Railway Exchange Bldg., Portland.

Plans obtainable from the Architects.

Bids will be opened by State Reconstruction Commission, 714 Porter Bldg., Portland. 13

**Contract Awarded**  
**CITY HALL** Cont. Pr., \$73,800  
**SANTA CRUZ**, Santa Cruz Co., Cal.  
 Church and Locust Streets.  
 One- and two-story reinforced concrete city hall (second and third units) to house offices of the city

engineer, building and plumbing inspectors, council chambers, and police court and committee chambers.

Owner—City of Santa Cruz (S. Z. Evans, City Clerk).

Architect—C. J. Ryland, Carmel and Monterey.

Contractor—F. C. Stolte Co., 1405 San Antonio Ave., Alameda.

**Preparing Working Drawings**  
ADDITION Est. Cost, \$40,000  
SACRAMENTO, Cal. 1 St. bet. 9th and 10th Sts.

Two-story reinforced concrete addition to the City Hall.

Owner—City of Sacramento.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

**Bids Wanted — To Close January 11, 10 A. M.**  
STATE ARMORY BLDG.

Est. Cost, \$72,000  
SEATTLE, Wash. Field Artillery Armory, Wash. National Guard, bet. Third Avenue, Nob Hill and Thomas-Harrison Sts.

Four-story and basement reinforced concrete and steel state armory building (256 x 360 ft.), to contain offices, classrooms, locker rooms, squad rooms, drill hall with balcony, toilet facilities and showers for 700 men.

Owner—Washington National Guard, Assoc. Architect—A. M. Young and F. A. Naramore, 511 Central Bldg.

Plans and specifications obtainable from the architect's office and from the Adjutant General, State of Washington, Camp Murray, Fort Lewis, Washington, upon deposit of \$40.

Separate bids will be received for general work, mechanical work and electrical work.

**Bid Opening Postponed Until Jan. 3, 2:00 P. M.**

LOS ANGELES, Calif.—Until Jan. 3, 2 p.m. (postponed from Dec. 27), bids will be received by the Dept. of Public Works, Division of Highways, Room 808, State Bldg., Los Angeles, for painting shop buildings at the Division of Highways Shop Yards, in North Hollywood.

Plans on file at above office. Bids must be accompanied by cash or certified check payable to the Director of Public Works in the amount of 10% of bid.

Bids will be received as follows:  
Item I: 200 sq. yds. prime coat.  
Item II: 10,000 sq. yds. paint coat.

**Bids Wanted — To Close January 3, 3:00 P. M.**  
STATE SCHOOL BUILDINGS

Cost, \$558,267  
OLYMPIA, Wash.

Six institutional school buildings at Western State Custodial School.

Owner—State of Washington  
Architect—Graham & Painter, Dexter Horton Bldg., Seattle.

Plans and specifications obtainable from the architect's office upon deposit of \$25.

Separate bids will be received for general plumbing, heating, wiring & refrigeration. \* 13

**LOW BIDDERS**  
CARSON CITY, Nev.—Walker J.

Boudwin, Reno, at \$13,260, submitted low bid to the Nevada State Board of Control, J. H. White, Secretary, Capitol Bldg., Carson City, for remodeling of old state library building.

Loy A. Burrows, Reno, at \$14,383, submitted second low bid, and H. F. Byars, Reno, at \$15,176.50, submitted third low ...

## BIDS WANTED

SAN FRANCISCO—Until Jan. 6, 3 P. M., informal bids will be received by the Public Utilities Commission, Room 287, City Hall, for finishing of office rooms and other improvements to administration building at the San Francisco Airport.

Specifications obtainable from Rm. 695, 425 Mason St., upon deposit of \$5.00.

**Sub Contracts Awarded**  
FIREHOUSE Cont. Pr., \$5,950

ASHLAND TWP., Alameda Co., Cal. Frame firehouse.

Owner—County of Alameda.  
Architect—James W. Plachek, 511

Mercantile Bank Bldg., Berkeley.  
Contractor—Arthur Holyoaks, 2839 E.

Avenue, Hayward.  
Roofing—J. F. Anderson, 17724 Red-

wood Road, Hayward.  
Plumbing—A. Abbott, Hayward.

Iron Work—Herrick Iron Works, 1729 Campbell St., Oakland.

Electric Wiring—Frank Electric Co., Hayward.

Brick and Stone—H. B. Petersen, 1605 Lafayette St., Alameda.

Hardware—Higgins Co., Oakland.  
Painting—L. Hill, Hayward.

Concrete—J. Nissen, Hayward.

**Bids Wanted — To Close January 18, 2:00 P. M.**

ADDITIONS, Cost, \$ ...  
SACRAMENTO, Calif. Agricultural Park.

Erection and completion of additions to grandstand and the administration building at Agricultural Park, consisting of an extension of approximately 220 linear feet to existing grandstand of reinforced concrete structural steel and brick construction and construction of a one-story and part two-story reinforced concrete administration building, with brick veneer and tile roof containing approximately 15,500 sq. ft. of floor area.

Owner—State of California.  
Architect—Geo. E. McDougall, State Architect, Public Works Bldg., 12th and N Sts., Sacramento.

Separate bids will be received for each building, also combined bids for both buildings.

Separate bids, also combined bids, will be received for each of the following segregated parts of the work for construction of additions to the grandstand: (1) general work, (2) electrical work, (3) mechanical work.

Separate bids, also combined bids, will be received for each of the following segregated parts of the work for construction of the administration building: (1) general work, (2) electrical work, (3) plumbing work, and (4) heating and air conditioning.

Plans and specifications may be obtained from the architect's office upon deposit of \$25, returnable.

## NOTICE OF SALE

SAN FRANCISCO—On January 7, 9:30 a.m., the Director of Property, Joseph J. Phillips, will sell at public auction on the premises the City-owned building located at 1464 Florida St., San Francisco. \* 13

## 14— RESIDENCES

### SUB BIDS WANTED

SAN JUAN BAUTISTA, San Benito Co., Cal.—F. C. Stolte Co., 1405 San Antonio Ave., Alameda, is figuring plans and desires sub bids on all portions of the work not later than Dec. 21, for construction of the Maryknoll Convent at San Juan Bautista Mission, for which bids will be opened Dec. 22, 2 p.m.

Plans prepared by Architects Morrow & Morrow, deYoung Bldg., San Francisco. \* 14

**Sub Contracts Awarded**  
RESIDENCE

Cost, \$7,000  
CARMEL, Monterey Co., Cal.

One-story frame and adobe veneer residence (6 rooms), heavy shake roof, steel sash, hardwood floors, floor furnaces, plastered interiors.

Owner—Mrs. E. L. Hoult.  
Architect—Not Given.

Contractor—Hugh W. Comstock, P.O. Box 533, Carmel.

Roofing, Heating, Glass—Carmel Bldg. Specialties, Torres & Fifth Sts., Carmel.

Hardwood Floors—E. G. Finn Hardwood Floor Co., 515 McKenzie Ave., Watsonville.

Plumbing—C. A. Bucklen, Rt. 1, Box 570, Monterey.

Sheet Metal—Anderson Dougherty Hargis Co., San Carlos and 5th Sts., Carmel.

Lumber—M. J. Murphy, Inc., Verde and Ninth Sts., Carmel.

Hardware, Steel Sash & Roll Screens—Carmel Building Specialties.

**Plans Completed**  
RESIDENCE

Est. Cost, \$4500  
LOS ALTOS, Santa Clara Co., Calif.

One of nine completed one-story residences (5 rooms) Modernistic design.

Owner and Builder—H. B. U. Aronsen, Homestead Road, San Jose.

Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

**To Be Done By Day's Work**  
RESIDENCE

Cost, \$4,500  
SAN FRANCISCO E San Bruno, 50 S Woolsey St.

One-story and basement frame residence.

Owner and Builder—J. J. Kingwell, Butter Building.

Architect—H. C. Baumann, 251 Kearny Street. \* 14

**Plans Completed**  
RESIDENCES

Est. Cost, \$7,500 ea.  
SAN FRANCISCO, Cal. Golden Gate Ave. to McAllister St.; Stanyan St. to Willard St.

First unit of six residences of an eventual 30 residences to be constructed in a residential tract to be known as Francisco Heights.

Addition: residences will be two-story and basement frame and stucco with flush sittings, composition shingle roofs, wood sash, hardwood floors, two the baths, two-car garages.

Owner & Builder L. B. Hamm, 105 Montgomery St.

Architect—Albert H. Larsen, 333 Kearny St.

**Bids Opened**  
RESIDENCE

SAN JOSE, Santa Clara Co., Calif.

One-story frame residence (plaster exterior and interior, tile roof, gas heating system, two baths).

Owner Antonio Serrateo, c/o Architect.

Architect Charles McKenzie, Twohy Bldg., San Jose.

Low Bidder: Dan Caputo, 401 Illinois Ave., San Jose \$6,121.

Complete bids follow:

Dan Caputo .. \$6,121

Joseph Santi .. 6,640

V. J. Sinzeri .. 6,673

S. De Cola .. 6,990

M. W. Rose .. 7,300

J. C. Monk & Son, Los Gatos = 7,500

All of San Jose, unless otherwise noted.  
Bids held under advisement.

**Preparing Preliminary Plans**  
**RESIDENCE** Est. Cost, \$9,000  
**GARDEN CITY, San Mateo Co., Cal.**  
 Two-story and basement frame and wood siding residence (8 rooms), shake roof, circulating hot water heating system, hardwood floors, tile baths, etc.; California Monterey architecture.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

**Preparing Plans**  
**NOVITIATE** Est. Cost, \$150,000  
**AUBURN, Placer Co., Cal.**  
 Part one, two and three-story concrete and stucco novitiate bldg.  
 Owner—Sisters of Mercy.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

**Preparing Preliminary Plans**  
**RESIDENCE** Est. Cost, \$5,000  
**GARDEN CITY, San Mateo Co., Cal.**  
 One-story frame residence (5 rooms), shake roof, circulating hot water heating system, hardwood floors, tile baths, etc.  
 Owner—Withheld.  
 Architect—Albert H. Larsen, 333 Kearny St., San Francisco.

**Owner Taking Segregated Bids**  
**RESIDENCE** Cost, \$5,000  
**LODI, San Joaquin Co., Calif.**  
 One-story frame and shingle residence (7 rooms), shingle roof, hot air heating system, wood sash, hardwood floors, tile baths.  
 Owner—Clinton Henning, City Engineer, City Hall, Lodi.  
 Architect—J. J. Clowdsley, Exchange Bldg., Stockton.

**Bids In—Held Under Advertisment**  
**RESIDENCE** Cost, \$5,000  
**SAN FRANCISCO, Clarendon Ave.**  
 Two-story frame and stucco residence (7 rooms) tile roof, hardwood floors.  
 Owner—J. F. O'Connor, c/o Architect.  
 Architect—H. G. Stoner, 251 Kearny. Announcement shortly.

**Bids Opened**  
**RESIDENCE** Cost, \$5,000  
**CASTRO VALLEY, Alameda County.**  
 One-story frame residence (hardwood floors, wood sash, etc.)  
 Owner—Withheld.  
 Architect—Geo. Patton Simonds, 80 Main St., Hayward.  
 Low Bidder—Skovmand & Lewis, 729 E 18th St., Oakland, \$3,592.  
 Complete bids follow:  
 Skovmand & Lewis, Oakland \$8,592  
 Arthur Holyoke, Hayward 4,000  
 George Lund, Hayward 4,496  
 J. Elrod 4,700  
 Bids held under advisement.

**Complete Bids**  
**RESIDENCE** Cost, \$5,000  
**EAST SACRAMENTO, Calif.**  
 One-story frame and stucco residence (8 rooms) shake roof, tile floor in bath.  
 Owner—Withheld.  
 Architect—Herbert Goodpastor, Mission Bldg., Sacramento.  
 Bidder—N. H. Lund, 2341 Ninth Ave., Sacramento, \$749.  
 Other bidders were:  
 J. M. Mahoney, Sacramento 8942  
 Johnson, Sacramento 9480

**Contract Awarded**  
**RESIDENCE** Cost, \$6,000  
**SAN FRANCISCO, N. Castaneda,**  
 221 P. W. San Marcos St.  
 One-story and basement frame residence.  
 Owner—Withheld.  
 Architect—W. I. Garrison, 100 Post St.  
 Contractor—Stuart Foster, 28 Harry St., San Francisco, 14

**Owner Taking Sub Bids**  
**RESIDENCE** Est. Cost, \$4,500  
**MONTEREY, Calif., Monterey Bay**  
 Golf & Country Club.  
 One-story frame and stucco residence (5 rooms).  
 Owner & Builder—Paul H. Crabtree, 109 Seabright Ave., Santa Cruz.  
 Architect—Edward W. Kress, 516 1st Natl. Bank Bldg., San Jose.

**Contract Awarded**  
**RESIDENCE** Est. Cost, \$9,500  
**SAN FRANCISCO, W Leavenworth**  
 102 N Bay St.  
 Two-story frame flat building.  
 Owner—S. and A. Strazzullo, 710 Bay Street.  
 Architect—Not Given.  
 Contractor—Oliver M. Rousseau, 321 Kearny St. 14

**Preparing Working Drawings**  
**RESIDENCE** Cost, \$9,500  
**SAN JOSE, Santa Clara Co., Calif.**  
 One-story frame and wood siding and brick veneer residence (7 rooms), shake roof, hardwood floors, tile baths, hot air heating system.  
 Owner—G. C. Claus, c/o Architect.  
 Architect—Edward W. Kress, 516 1st National Bank Bldg., San Jose.

**Contract Awarded**  
**RESIDENCE** Est. Cost, \$5,000  
**SAN FRANCISCO, Vermont Street,**  
 near 22nd.  
 One-story and basement frame residence (four rooms), hardwood floors, linoleum baths, composition shingle roof, gas and hot air heating system, wood sash, etc.  
 Owner—H. B. Armstrong, c/o Architect.  
 Architect—D. E. Jaeke, 126 Post St.  
 Contractor—Robert McCarthy, 1363 14th Ave.

## 15—SCHOOLS

**PLANS ADOPTED**  
**LOS ANGELES, Cal.**—Los Angeles Board of Education has adopted plans for a shop building to be built at Thomas Jefferson High School, 1319 E. 38th St. The building will be one story, of modern design; classroom wing 119 x 60 ft., and the shop wing 32 x 100 ft. Est. cost, \$62,343.  
 Styles O. Clements, 1135 Van Nuys Bldg., architect; Edwin P. Rudolph, structural engineer; E. L. Ellingwood, H. W. Hellman Bldg., mechanical engineer. 15

**PLANS BEING FIGURED**  
**SANTA MONICA, Los Angeles Co., Cal.**—Until Dec. 30, 10 a. m., Architect A. C. Martin, 233 Higgins Bldg., Los Angeles is taking bids for a two-story classroom addition (50 x 56 ft.) to St. Monica's High School in Santa Monica for Msgr. Nicholas Connelly. 15

**Sub-Contracts Awarded**  
**PORTABLES** Cost, \$1,077 ea.  
**OAKLAND, Alameda Co., Cal.** Golden Gate Junior High School, 63rd and San Pablo Avenue.  
 Thirteen portables (temporary classrooms).

Owner—Oakland School District  
 Architect—Will G. Corlett, Bank of America Bldg., Oakland.  
 Contractor—John F. Tulloch, 335 8th Street, Oakland.

**Roofing and Sheet Metal**—Central Sheet Metal & Roofing Co., 3246 Etliche St., Oakland.  
**Window Shades**—M. Friedman Paint Co., Inc., 1816 San Pablo Ave., Oakland.  
**Miscellaneous**—Fruender, 335 8th St., Oakland.  
 Lumber—Thien Lumber Co., foot of University Ave., Berkeley.

**Mill Work**—The Oakland Planing Mill Inc., 105 Washington St., Oakland.

**Hardware**—Maxwell Hardware Co., 1320 Washington St., Oakland.  
**Painting**—Turgeon Painting Co., 354 Hobart St., Oakland.

## LOW BIDDERS

**SANTA PAULA, Ventura Co., Cal.**—John C. Blystone, Box 7, Garden Grove, submitted low bid to Santa Paula High School District Dec. 20, at \$149,113, for construction of a group of school buildings in Santa Paula, a PWA project. Recommendation was made to the PWA that the contract be awarded to the low bidder on his alternate proposal, deducting \$9,000 if two classrooms are omitted. Frederick Kennedy, Junior, architect, 1041 E. Green St., Pasadena.

Second low bid was: John C. Blystone, \$149,113. (1) if two classrooms are omitted, deduct \$9,000. 15

**Sub Contracts Awarded**  
**SCHOOL ADDN.** Cont. Pr., \$76,500  
**BERKELEY, Alameda Co., Cal.** NE Milvia and Virginia Streets.

First unit of Whittier Elementary School addition, consisting of an auditorium, cafeteria and 5 classrooms.

Owner—Berkeley Unified School District.

Architects—P. L. Dragon and C. R. Schmidts, B. R. Hardman and G. Officer, 2068 Alilston St., Oakland.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor—Villadsen Bros., Inc., 354 Hobart St., Oakland.

Excavations—Ariss-Knapp Co., 961 41st St.

Roofing—General Roofing Co., 3985 2nd St., San Francisco.

Sheet Metal—Tobey Christiansen, 444 Piedmont Ave.

Plumbing & Heating—Madden Plbg. & Heating Co., 3103 San Pablo Ave.

Glass and Glazing—W. P. Fuller & Co., 259 Tenth St.

Brick Work—Hallert & Kneale, 2500 65th Ave.

Mill Work—Pacific Mfg. Co., 1315 Seventh St.

Electric Work—Kerr & Clifford, 4010 Foothill Blvd.

Structural Steel and Misc. Iron—Independent Iron Works, 821 Pine Street.

Sprinklers—Grinnell Co. of the Pacific, 2230 Peralta St.

Steel Forms—Steelform Contracting Co., 354 Hobart St.

Window Hardware—Universal Window Co., 950 Parker St., Berkeley.

Steel Sash—Ceco Steel Products Corp., 1280 Indiana St., San Francisco.

Painting—Turgeon Painting Co., 2059 Webster St.

Lumber—Hogan Lumber Co., Second and Alice Streets.

All of Oakland, unless otherwise noted.

## BIDS WANTED

**GLENDALE, Los Angeles Co., Cal.**—Until Jan. 18, 4 p. m. (to be opened at 8 p. m.), bids will be received by the Glendale Unified School District for reconstruction of library section of the Herbert Hoover High School, 621 Glenwood Road, Glendale.

Albert E. Hansen, architect, 832 S. Glendale Ave., Glendale. Estimated cost, \$65,000. Each bid must be accompanied by a certified or cashier's check or bond for 5%.

Bidding data may be obtained from the office of the business manager, 411 E. Wilson Avenue, Glendale. 15



**Preparing Working Drawings**

**HIGH SCHOOL**, Est. Cost, \$50,000  
**SAN ANSELMO**, Marin Co., Calif.  
 Sir Francis Drake Blvd. and  
 Saunders Ave.

One-story and basement frame and  
 stucco high school building con-  
 taining five classrooms, assembly  
 hall, and wood work shop; con-  
 crete foundations.

**Owner**—Tamalpais Union High Sch.  
 District.

**Architect**—Walter C. Falch, Hearst  
 Bldg., San Francisco.

**Structural Engineer**—W. H. Ellison,  
 the Pacific Bldg., San Francisco.

Bids will probably be asked about  
 the middle of January on above work  
 which is the first unit of eventual  
 high school plant to contain auditor-  
 ium, gymnasium, etc.

**CONTRACT AWARDED**

**LONE PINE**, Inyo Co., Cal.—Stan-  
 ward Constr. Co., 2520 Ridgeview  
 Ave., Eagle Rock, awarded contract  
 by the Lone Pine Union High School  
 District, Dec. 18, at \$20,880 (subject  
 to PWA approval) for construction  
 of an auditorium at the high school  
 in Lone Pine, Inyo County. Orville  
 L. Clark, architect, Lone Pine. 15

**CONTRACT AWARDED**

**SAN FRANCISCO**—Patterson and  
 Koster Iron Works, Inc., 218 13th  
 St., at \$92,400 awarded contract by  
 the Dept. of Public Works, City Hall,  
 for folding gate to be installed in the  
 corridor of the Visitation Valley  
 School, Schwerin Street, between Le-  
 land and Visitation Avenues.

**CONTRACT AWARDED**

**LOS ANGELES**, Cal.—Kiss Crane  
 Service, 5400 Imperial Highway, was  
 awarded contract by Los Angeles  
 Board of Education, Dec. 20, at \$995,  
 for demolition of mechanical drawing  
 room at the Thomas Jefferson High  
 School, 1319 E. 41st St. 15

**Bids Wanted — To Close January 10,**  
**2:00 P. M.**  
**SCHOOL** Cost, \$61,767

**CHEWELAH**, Wash.  
 Two-story concrete grammar school.  
**Owner**—Chewelah School District No.  
 22 J. A. DeFoe, Clerk.

**Architect**—C. M. Rasque & Son,  
 Washington Trust Bldg., Spokane.  
 Plans and specifications obtainable  
 from the Architects upon deposit of  
 \$25.00.

Separate bids will be received for  
 general work and heating and plum-  
 bing. 15

**Sub Contracts Awarded**

**SCHOOL** Cont. Pr., \$35,700  
**STEVENSON**, Merced Co., Calif.

One-story frame and stucco school  
 building, concrete foundations,  
 corridors, floors and toilet room  
 floors; four classrooms, activity  
 classroom and assembly with  
 stage, office and toilet facilities;  
 wood roof with tile covering,  
 metal lath or gypsum wall board  
 interior.

**Owner**—Mercury Union School Dis-  
 trict, Merced County.

**Architect**—Chas. F. Dean, California  
 State Life Bldg., Sacramento.

**Structural Engineer**—F. W. Kellberg,  
 320 Market St., San Francisco.

**Contractor**—C. A. Hüllberg, P.O. Box  
 52, Turlock.

**Roofing**—Carl Bergman, Turlock.  
**Plumbing, Electric Wiring, Heating**  
**and Sheet Metal**—Hansens', 609  
 Tenth St., Modesto.

**Lumber**—The Modesto Lumber Co.,  
 Ninth and G Sts., Modesto.

**Mill Work**—Sierra Mill & Lumber Co.,  
 P.O. Box 25, Sacramento.

**Painting**—Majestic Painters & Deco-  
 rators, 80 Sanchez Street, San  
 Francisco.

**Lathing & Plastering—E. E. Larson.**

P.O. Box 482, Turlock.  
 \*1110: 1st report Nov. 27; 7th, Nov.  
 23, 1937. 15

**Complete Bids**

**HIGH SCHOOL** Cost \$ .  
**WOODLAKE**, Tulare Co., Calif.

One-story frame high school bldg.,  
 containing five classrooms, music  
 room, bookkeeping room, typing  
 room, library, study hall, sewing  
 room, cooking room, chemistry  
 and physics room, science class-  
 room, Dean of Women's room,  
 gym room, teachers' room, prin-  
 cipal's office, general office, lav-  
 atories and an auditorium to seat  
 572, with a stage. Building con-  
 tains approximately 520,000 cubic  
 feet, concrete foundations, stucco  
 exterior, wood roof trusses.

**Owner**—Woodlake Union High Sch.  
 District.

**Architect**—Ernest J. Kump, Rowell  
 Bldg., Fresno.

**Contractor**—Trehwhitt-Shields & Fish-  
 er, 1501 Pacific Southwest Bldg.,  
 Fresno.

Recommendation of award to low  
 bidders made to PWA at \$139,000,  
 based on selection of Alt. No. 4.

Complete bids follow:  
**Trehwhitt-Shields & Fisher**, Fresno:  
 (Item 1) \$155,000; (Item 2) \$149,-  
 000; (Item 3) \$151,000; (Item 4)  
 \$139,000.

**R. W. Brown Const. Co.**, Madera:  
 (1) \$150,000; (2) \$145,200; (3)  
 \$148,000; (4) \$141,000.

**W. J. Ocha**, Fresno: (1) \$156,294; (2)  
 \$149,131; (3) \$152,114; (4) \$141,889

**Harris Const. Co.**, Fresno: (1) \$168,-  
 116; (2) \$160,491; (3) \$164,962; (4)  
 \$151,758.

**Midstate Const. Co.**, Fresno: (1) \$172,-  
 893; (2) \$168,893; (3) \$169,993;  
 (4) \$161,893.

**R. Pedersen**, Fresno: (1) \$176,742; (2)  
 \$170,790; (3) \$173,626; (4) \$162,571.  
 \*629: 1st report Sept. 24, 1936; 6th,  
 Dec. 17, 1937. 15

**Bids Wanted — To Close Dec. 29**  
**SCHOOL** Cost, \$81,450

**FOREST GROVE**, Oregon.

One-story frame and brick veneer  
 school 322 x 127 ft., 8 class-  
 rooms, library, offices, health  
 room, combination auditorium-  
 gym, stage and dressing rooms,  
 3 classrooms in basement, eco-  
 nomics room and shower rooms.

**Owner**—Forest Grove School District  
 15, Washington Co. (Elizabeth  
 Todd, Clerk).

**Architect**—C. N. Freeman, Concord  
 Bldg., Portland.

Plans and specifications obtainable  
 from the Architect upon deposit of  
 \$15. 15

**LOW BIDDER**

**COLTON**, San Bernardino Co., Cal.  
 L. V. Lundin, 1516 G St., San Ber-  
 nardino, at \$63,767 submitted low

bid to Colton School District for con-  
 struction of a junior high school  
 building on South Eighth St., Colton.

**Carl E. Nichols Bldg. Co.**, 718 7th  
 St. San Bernardino, at \$5,996 submit-  
 ted low bid for plumbing work, and

**R. R. Jones Co.**, 1124 S. Fair Oak  
 Ave., South Pasadena, at \$3,174 sub-  
 mitted low bid for electrical work

15

**BIDS WANTED**

**ESCONDIDO**, San Diego Co., Cal.  
 Until Jan. 5, 3 P. M., bids will be  
 received by Escondido Union High

School District for a one-story and  
 basement combination auditorium-  
 gym-cafeteria building (109x180-ft.)

to be built at Escondido high school.  
 A PWA project. Est. cost, \$110,000.

Plans may be obtained from Archi-  
 tect, Wm. P. Lodge, 521 B St., room  
 569, San Diego, upon deposit of \$25.

Original advertisement for this project,  
 calling for bids to be opened on  
 Dec. 31, was withdrawn. 15

**Bids Opened**

**AUDITORIUM** Est. Cost, \$120,000  
**KING CITY**, Monterey Co., Calif.

New High School Auditorium build-  
 ing (stage, small dressing room,  
 property room, boiler room, audi-  
 torium and balcony, seating 1600,  
 foyer, toilet facilities, closets,  
 check room, ticket rooms, etc.)

**Owner**—King City High School Dis-  
 trict. **Architect**—Robert Stanton, Hotel Del  
 Monte, Del Monte.

**Low Bidder**—A. Nelson, Inc., 242  
 Ocean Ave., San Francisco, \$154,-  
 995.

Complete basic bids follow:  
**A. Nelson, Inc.**, S. F., \$154,995

**Carl N. Swenson Co.**, San Jose, \$157,874

**W. K. Van Bokkelen Const.**  
 Co., Oakland, \$159,870

**F. C. Stolte Co.**, Alameda, \$160,000

**N. H. Sjoberg & Son**, Oakland, \$179,432

Possible deductions contained in al-  
 ternate proposals may change the  
 total figures considerably.

**LOW BIDDER**

**LONE PINE**, Inyo Co., Calif.—An-  
 ton Johnson, 2700 Marshall Way,  
 Sacramento, submitted low bid to

Lone Pine Union High School Dis-  
 trict, for construction of an audi-  
 torium at the high school in Lone  
 Pine, Inyo County. Orville L. Clark,  
 architect, Lone Pine. 15

15

**Completing Working Drawings**

**JUNIOR COLLEGE** Est. Cost, \$  
**SAN MATEO**, San Mateo Co., Calif.,  
 Peninsula Ave. and N. Delaware.

First unit of new junior college (2-  
 story fireproof science building).

**Owner**—San Mateo Junior College &  
 High School District.

**Architect**—H. A. Thomsen, successor  
 to Geo. W. Kelham, 315 Montgo-  
 mery St., San Francisco.

**Structural Engineer**—H. J. Brunner,  
 Sharon Bldg., San Francisco.

Plans will be completed and for-  
 warded to the State Division of  
 Architecture in about two weeks.

College will also include an admin-  
 istration building, arts building, li-  
 brary, gymnasium and students' uni-  
 on, for which preliminary plans are  
 completed.

**BIDS OPENED**

**LOS ANGELES**, Cal.—B. G. Kern,  
 1658 McCollum, submitted low bid to  
 Los Angeles Board of Education, at  
 \$2312, for demolition and ground im-  
 provement work at Ninth St. School,  
 820 Towne Ave. Complete bids were:

B. G. Kern, \$2312; (1) if granite  
 surfacing is omitted in area "A" and  
 rock and asphalt surfacing used, add  
 \$800; (2) for omission of granite sur-  
 facing and the substitution of rock  
 and asphalt surfacing in addition to

the rock and asphalt surfacing re-  
 quired in "A," net price, \$0.055 per  
 square foot.

**L. A. Wrecking Co.**—\$2365; (1) \$360,  
 (2) \$0.03

**North & Miller**—\$2435; (1) \$360,  
 2) \$0.03

**Leo Mead Wrecking Co.**—\$2530; (1)  
 \$360, (2) \$0.03

**C. G. Will & Son Inc.**—\$2423.35;  
 (1) \$0.03, (2) \$0.08.

**Kiss Crane Service**—\$2675.50; (1)  
 \$360, 2) \$0.015.

**Continuing Engineers**—\$3993 (1)  
 \$260, 2) \$0.06

**Cleveland Wrecking Co.**—\$1390; (1)  
 \$160, 2) \$0.0375

**Shorn-Bull Lumber & Wrecking**  
 Co.—\$2311 (1) \$1069, (2) \$0.10 15

**CONTRACT AWARDED**

**CHATELAIN VISTA**, San Diego Co.,  
 Cal. **Owner**—Harris, 4621 Cleveland  
 Ave., San Diego, awarded contract

by Chula Vista Union School District, at \$40,826, for construction of a 6-room school building in South Chula Vista, a PWA project. Lillian J. Rice, architect, Rancho Santa Fe; J. Rice, architect, Rancho Santa Fe; Manley W. Sahlberg, structural engineer, 311 Architects' Bldg., Los Angeles. 15

#### AWARD APPROVED

**NATIONAL CITY** and Chula Vista, San Diego Co., Calif.—PWA has approved award of contract to Hunt & Curry, Broadway Bldg., San Diego, at \$143,386 for construction of a domestic science-cafeteria-classroom unit, a manual arts building and a physical education building at the National City junior high school, and domestic science-cafeteria bldg., a manual arts bldg. and a physical education building at the Chula Vista junior high school for the Sweetwater Union High School District. Kistner & Curtis, 675 Spreckels Bldg., San Diego, and 412 Architects' Bldg., Los Angeles, architects. Construction will start about Dec. 27. 15

#### BIDS WANTED

**SAN BERNARDINO**, Calif.—Until January 4, 4 P. M., bids will be received by the San Bernardino Valley Union Junior College District for furnishing and installing an automatic fire sprinkler system for auditorium at the site of the junior college in San Bernardino.

Bidding data obtainable from the business manager at the school. G. Stanley Wilson, architect, 3616 Main St., Riverside. 15

#### BIDS WANTED

**SAN BERNARDINO**, Calif.—Until January 4, 4 P. M., bids will be received by the San Bernardino Valley Union Junior College District for furnishing and installing stage equipment in auditorium at the site of the junior college in San Bernardino.

Bidding data obtainable from the business manager at the school. G. Stanley Wilson, architect, 3616 Main St., Riverside. 15

#### AWARD APPROVED

**MONTEBELLO**, Los Angeles Co., Calif.—PWA approved award of contract to Louis A. Geisler, 6212 Middletown, Huntington Park, at \$128,609, for construction of classroom and administration units at the Montebello Junior High School and at the Eastmont Junior High School, for the Montebello Unified School District. T. C. Kistner, 412 Architects' Bldg., Los Angeles, architect. Construction will start about Dec. 27. 15

#### BIDS OPENED

**LOS ANGELES**, Cal.—Kiss Crane Service, 5409 Imperial Highway, submitted low bid to Los Angeles Board of Education, at \$595, for demolition of the mechanical drawing room at the Thomas Jefferson High School, 1319 E. 41st St. Other bids were: Stern-Brill Lumber & Wrecking Co., \$928; Lee Mead Wrecking Co., \$990; B. C. Kern, \$995; Calif. Wrecking Co., \$1073; L. A. Wrecking Co., \$1145; Emco Concrete Cutting Corp., \$1241; Cleveland Wrecking Co., \$1274. 15

#### Plans Approved

#### SCHOOL

**SAN JOAQUIN CO.**, Calif. Three miles north of Lodi (Huston Grammar School).  
One-story school building (5 classrooms and auditorium), tile roof.  
Owner—Huston Grammar School District.  
Architect—Victor Galbraith, 221 E. Leacia St., Stockton.

Plans have been approved by the State Division of Architecture and

bids will probably be asked within a few days.

#### CONTRACT AWARDED

**NEEDLES**, San Bernardino Co., Cal.—Lynch-Cannon Engrg. Co., 5658 Wilshire Blvd., Los Angeles, awarded contract at \$95,419, for construction of the liberal arts building at Needles for the Needles High School District, a PWA project. Award based on main bid of \$96,669 and deducting \$1250 for alternate 1. Work is scheduled to start Dec. 22. H. L. Gogerty, architect, 6272 Yuca St., Hollywood. 15

#### CONTRACT AWARDED

**LOS ANGELES**, Cal.—Los Angeles Wrecking Co., Inc., 810 E. 9th St., awarded contract by Los Angeles Bd. of Education, Dec. 16, at \$2725, including both alternate bids, for demolition and ground improvement work at the Ninth Street School, 820 Towne Ave. 15

#### BIDS WANTED

**TUCSON**, Ariz.—Until Dec. 28, 10 a.m., bids will be received by the University of Arizona for a steel trussed roof for water storage tank at the University of Tucson. Plans obtainable from the Comptroller, 105 Administration Bldg., University of Arizona, Tucson, upon deposit \$10, returnable. 15

#### Sub-Contracts Awarded

**ALTERATIONS** Cont. Pr., \$37,353  
**MILL VALLEY**, Marin Co., Calif. Alterations and additions to the Old Mill School (replace brick with frame and stucco, shingle roofing, etc.)

Owner—Mill Valley School District.  
Architect—Walter Falch, Hearst Bldg., San Francisco.  
Contractor—Peter Sartorio, 369 Pine St., San Francisco.

**Mill Work**—Lancaster Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.  
**Painting**—H. Ankers, 22 Lexington Ave., San Francisco.  
**Roofing**—Booth & Little, 447 Magnolia St., Larkspur.  
**Sheet Metal**—Shields Co., 303 Third St., San Rafael.

**Plastering**—Cliff Jackson, 48 Broadmoor Ave., San Anselmo.  
**Reinforcing Steel**—Gunn, Carl & Co., 20 Potrero Ave., San Francisco.  
**Plumbing**—J. J. McLeod, 650 Fulton St., San Francisco.  
**Electrical**—Wm. C. Bailly, 874 Water St., Sausalito.

#### Low Bidders

**HIGH SCHOOL**,  
**DINUBA**, Tulare Co., Cal. Magnolia and College Avenues.

Two-story reinf. concrete high school, consisting of 12 classrooms, study hall, offices, rest rooms, store rooms, lobby and corridors, and an auditorium. Total ground area, 22,500 square feet; total floor area, 33,140 sq. ft. Reinf. concrete foundation walls, exterior walls and floors; steel roof trusses in classroom wing; built-up asbestos composition roof, exterior walls and ceilings will be hardwall plaster on metal lath, painted with washable wall paint, automatic gas heating system, with ventilating ducts. High school will replace former school destroyed by fire May 29.

Owner—Dinuba Joint Union High School District.  
Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Low Bidder—Richmond Constr. Co., P. O. Box 52, Fresno—\$198,700.

Second and third low bidders follow:

Trewhitt-Shields & Fisher, Fresno

—\$215,643.

W. J. Ochs, Fresno—\$220,397.

**Preparing Working Drawings**  
**SCHOOL BLDG.** Cost, \$.....  
**HAYWARD**, Alameda Co., Cal.  
Community Center Building.  
Owner—Capital Valley School District.

Architect—Mario Corbett, 72 Third Ave., San Mateo.

#### Award Recommended

**HIGH SCHOOL**  
**WOODLAKE**, Tulare Co., Cal.  
One-story frame high school bldg., containing five classrooms, music room, bookkeeping room, typing room, library, study room, sewing room, cooking room, chemistry and physics room, science classroom, dean of Women's room, girls' room, teachers' room, principal's office, general office, lavatories and an auditorium to seat 572, with stage. Building contains approximately 520,000 cubic feet; concrete foundations, stucco exterior, wood roof trusses.

Owner—Woodlake Union High Sch. District.

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Contractor—Trewhitt-Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

Recommendation of award at \$139,000, based on selection of Alternate No. 4. Three low bids (without deductions) were: R. W. Brown Const. Company, Madera, \$150,980; Trewhitt-Shields & Fisher, Fresno, \$155,000; W. J. Ochs, Fresno, \$156,294.

Complete bids will be published shortly.

#### BIDS WANTED

**NAPA**, Calif.—Until Dec. 30, 8 p.m., bids will be received by the Board of Trustees of the Napa Union High School District of Napa County (Sutro Frost, Clerk), for the construction and installation of stage equipment and stage draping at the Napa Union High School Auditorium, Little Theatre, and Choral Room.

Plans and specifications, samples of materials, and alternate form of bids on file in the office of the Principal of the school, E. E. Crawford.

Bids must be accompanied by a certified check in the amount of 10% of bid and payable to the clerk of the board.

#### AWARD RECOMMENDED

**NEEDLES**, San Bernardino Co., Cal.—Lynch-Cannon Engrg. Co., 5658 Wilshire Blvd., Los Angeles, submitted low bid to Needles High Sch. District, at \$95,419, for construction of the liberal arts building at the Needles High School site, a PWA project. Recommendation made to PWA that contract be awarded to low bidder. H. L. Gogerty, architect, 6272 Yuca St., Hollywood. 15

#### BIDS WANTED

**LOS ANGELES**—Until Dec. 29, 2 p.m., bids will be received by the Los Angeles Board of Education for demolition of Unit No. 1 (less boiler room and cafeteria portion) at the Loreto Street School, 3403 Arroyo Seco Ave. Estimated cost, \$3000. 15

#### BIDS WANTED

**SAN DIEGO COUNTY**, Cal.—Until Jan. 4, 12 Noon, bids will be received by the Mountain Empire Union High School District for the construction of a domestic science building in Pine Valley, San Diego County. The plans are obtainable from Architect H. Louis Bodmer, 613 Commonwealth Bldg., San Diego, upon deposit of \$10.

**BIDS WANTED**

LOS ANGELES, Cal.—Until Dec. 29 2 P. M. (bid opening date postponed from Dec. 17) bids will be received by the Los Angeles Board of Education for a music building to be built at the John C. Fremont high school, 7676 S. San Pedro St. Estimated cost \$20,000. Plans by the architectural section of the board; A. S. Nibecker, Jr., architect.

15

**1C—BANKS, STORES AND OFFICES**

**Contract Awarded**

**PRODUCTS TERMINAL BLDG.**  
Contract Price, \$48,748

**SAN FRANCISCO.** Berry Street, 24 Third St. and the Embarcadero. Approx. 48,000 sq. ft. foundations for an addition to the Products Terminal Bldg. Work will include grading, pile driving and concrete work. Bids will be asked later for construction of the building. Original plans called for the construction of a third story to existing building, but now call for an addition in back of present building.

**Owner**—State of California (Board of Harbor Commissioners) Ferry Building.

**Engineer**—Frank G. White, Ferry Building.

**Contractor**—Monson Bros., 475 Sixth Street.

**CONTRACT AWARDED**

LOS ANGELES, Cal.—H. L. Redd, 1859 W 78th Place, awarded contract for construction of a one-story market building, 50x80-ft. in area, at 27th and San Pedro Sts., for Safeway Stores, lessees. Frank L. Stiff, architect, 1303 Park Central Bldg., Los Angeles.

16

**PLANS BEING FIGURED**

**VAN NUYS, Los Angeles Co., Cal.**—Until December 23 Architect Marcus P. Miller, 707 Board of Trade Bldg., Los Angeles, is taking bids from a selected list of contractors for construction of a one-story store building (50x150-ft.) at the northwest corner of Van Nuys Blvd. and Friar St., Van Nuys, for the Roymar Realty Corp.

16

**PLANS BEING FIGURED**

**BURBANK, Los Angeles Co., Cal.**—Capital Co., 643 S. Olive St., Los Angeles, has prepared plans and is taking general contract bids for a new bank building to be built on the northwest corner of Olive Ave. and Toluca Ave., Burbank, for the Bank of America.

16

**Preparing Working Drawings**

**ADDITION** Est. Cost, \$80,000  
**SAN JOSE, Santa Clara Co., Calif.**—Market and Santa Clara Streets. Addition of third story (100x200-ft.) to present two-story bldg., to be of steel and metal studs or steel and concrete construction; two new elevators.

**Owner**—L. Hart & Sons, premises  
**Architect**—Edward W. Kneass, 51st National Bank Bldg., San Jose (7871)

16

**PLANS BEING FIGURED**

LOS ANGELES, Cal.—Santa Fe Railway, Kerckhoff Bldg., Los Angeles, is taking bids from a new selected list of contractors for a new building to be built at 610 S. St. Louis St. for the Santa Fe Hospital. It will be a class A structure, providing executive offices, internes' quarters, clinics, operating rooms and additional wards. Estimated

cost, \$500,000. Bids are to be submitted Dec. 27. Stern-Brill Wrecking Co., 1611 San Fernando Road, has the contract for demolishing the existing wood frame building on the site.

16

**Bids Wanted — To Close December 31, 9 A. M.**

**SHOP & STORE BUILDING**

Cost, \$100,000  
**TACOMA, Wash.** S. 35th and Union Streets.

Reinforced concrete shop and store building (245 x 160 ft.).

**Owner**—City of Tacoma.  
**Plans** by W. A. Kunigk, City Water Supt.

Plans and specifications obtainable from the Board of Contracts & Awards, 307 City Hall, Tacoma, upon deposit of \$10.

16

**Sub-Contracts Awarded**

**STORE BLDG.** Cont. Pr., \$11,356  
**DAVIS, Yolo County, Calif.**

**Owner**—R. A. Wells.  
**Architect**—Starks & Flanders, Bank of America Bldg., Sacramento.

**Contractor**—Wm. E. Truesdale, 2116 H Street, Sacramento.

**Roofing**—Bush Roofing Co., 1912 K Street.

**Plumbing**—Luppen & Hawley, 3126 J Street.

**Electric Wiring**—Rox Moore, 616 San Antonio Way.

**Sheet Metal**—J. H. Mendenhall, 321 North 12th Street.

**Tile Work**—H. P. Fischer Tile and Marble Co., 1219 J Street.

**Glass**—T. E. Cain, Inc., 2416 J St.

**Steel Sash**—Thos. P. Scollan, 2320 X Street.

**Reinforcing**—Wm. Weaver, 2517 1st Street.

**Lumber and Hardware**—Davis Lbr. Co., Davis.

**Mill Work**—Burnett & Sons, 11th and C Streets.

**Concrete**—Carl R. Fiedler, 2631 30th Street.

All of Sacramento unless otherwise noted.

**BID OPENING POSTPONED**

LOS ANGELES, Cal.—Alford Properties, 429 S. Hill St., has postponed opening of bids, scheduled for Dec. 21, for remodeling and adding to a two-story store and apartment bldg. at 5472-5476 Wilshire Blvd. Slight changes are being made in the plans. The new date for opening of bids has not been determined. Norstrom and Anderson, 422 Insurance Exchange Bldg., architects. Cost, \$30,000.

16

**Plans Being Figured**

**OFFICE BLDG.** Est. Cost, \$7,000  
**SANTA ROSA, Sonoma County, Cal.**

Santa Rosa Ave.  
**One-story reinforced concrete store building** (40 x 50 ft.), tile roof.

**Owner**—Mr. Clark, c/o Architect.  
**Architect**—Wm. Herbert, Rosenberg Bldg., Santa Rosa.

No definite closing date has yet been set.

Following selected contractors are figuring plans:

C. W. Hansen, P.O. Box 115, Santa Rosa.

Louis Haherem, 128 Dutton Ave., Santa Rosa.

R. S. Knight, Rt. 4, Box 662, Santa Rosa.

Walter L. Olsen, 238 Carrillo St., Santa Rosa.

D. E. Downie, Rt. 4, Box 226, Sebastopol.

Frank Allen, Santa Rosa.

**Bids Closed**

**EST. COST, \$15,000**  
**NE SEVENTH ST.**

Reinforced steel and concrete mercantile building.

**Owner & Builder**—O. R. and F. W. Schrader, 1274 Harrison St.  
**Architect**—Not Given.

**Low Bidder**—W. C. Akard, 225 Cervantes Blvd., S. F.—\$12,575.

Complete bids follow:

W. C. Akard, S. F. \$12,575  
Frank J. Reilly Co. 12,991

Grant-Martinielli Constr. Company 13,462

George Wagner 13,456

C. L. Wold Constr. Co., Ltd. 14,529

Robert McCarthy 15,538

Jaeks & Irvine 16,532

Contract, which does not include steel frame, reinforcing steel, steel rolling doors, or steel sash, will be awarded the low bidder.

**Sub-Contract Awarded**

**OFFICE BLDG.** Est. Cost, \$104,750  
**SAN FRANCISCO.** Block bounded by 15th, 16th, Carolina and DeHaro.

Two-story Class C office bldg. and warehouse (400x18-feet) second story at one end only, 148x88-ft. along 400-ft. side; concrete walls, wood posts and girders, wood

roof sheeting, composition roof, steel windows, etc.

**Owner**—Braun-Knecht-Heimann Co., 54 Mission Street.

**Architects**—W. P. Day and H. M. Michelson, 105 Montgomery St.

**Contractor**—Cahill Brothers, 206 Sansome Street.

**Reinforcing Steel**—Truscen Steel Co., 601 Mission Street.

**Additional Sub-Contracts Awarded**

**BANK ADDITION** Cost, \$7  
**OAKLAND, Alameda Co., Calif.** 74th Street and Foothill Boulevard.

Addition to branch bank (25x28-feet) frame, brick veneer and stucco construction, concrete foundations, new bank fixtures, new vault.

**Owner**—Bank of America.

**Plans** by Capital Co., 625 Market St., San Francisco.

**Contractor**—Cahill Brothers, Inc., 206 Sansome St., San Francisco.

**Mill Work**—The Oakland Planing Mill Inc., 105 Washington St., Oakland.

**Floor**—Covering The American Art Tile Co., 231 Franklin Street, San Francisco.

**Tile Work**—Superior Tile Co., 3743 Broadway, Oakland.

**Roofing**—Elliott and Elliott Co., 770 22nd St., Oakland.

**Sheet Metal**—Central Sheet Metal & Roofing Co., 3216 Ettie St., Oakland.

Sub-contracts previously awarded published Dec. 6, 1937.

16

**Contract Awarded**

**BUSINESS BLDG.** Cost, \$5  
**KENTFIELD, Marin Co., Calif.**

One-story frame building for house business offices, reception room, toilet room, etc.

**Owner**—Withheld.  
**Architect**—W. W. Wurster, 260 California St., San Francisco.

**Contractor**—H. J. Hansen, 250 Greenfield Ave., San Anselmo.

**CONTRACT AWARDED**

LOS ANGELES, Cal. Stead Bros., Inc., 912 E. Main St., Alhambra, was awarded contract by the Goodwill

Indy Trust, Dec. 21, at \$164,300, for construction of a 5-story reinforced

concrete industrial building (120x160 ft.) at 231 San Fernando Road. The contract includes acceptance of alternate bids (a), (b), (c), (d) and (e).

Three additional units, a transportation building, administration building and chapel and welfare unit are contemplated later.

**Marsh, Smith & Powell, architects, 508 Arroyo St. Bldg.**

16

## PLANS BEING FIGURED

LOS ANGELES, Calif.—Santa Fe Railway, Kerckhoff Bldg. Los Angeles, is taking bids from a closed, selected list of contractors for a new building to be built at 610 S. St. Louis Street for the Santa Fe Hospital. It will be a class A 6-story reinforced concrete structure, providing executive offices, internes' quarters, clinics, operating rooms and additional wards. Estimated cost, \$300,000. Bids are to be submitted Jan. 4. Stern-Brill Wrecking Co., 1611 San Fernando Road, has the contract for demolishing the existing wood frame building on the site. The plumbing, heating and ventilating, elevators and dumb waiters, electric work and structural steel will be let under separate contracts. Plans by the Owner's architectural department, Kerckhoff Bldg. 16

## 17—THEATRES

## Sub-Contract Awarded

REMODELING Cont. Pr., \$13,437  
 PETALUMA, Sonoma Co., Calif.  
 Remodel present Mystic Theatre (to be re-named the State Theatre).

Owner—Petaluma Theaters, Inc., Architect—A. A. Cantin, 64 Pine St. San Francisco.

Contractor—Moore and Roberts, 692 Mission St. San Francisco.

Lathing and Plastering—Ruane and Jensen, 359 Douglas Street, San Francisco.

## COMPLETING PLANS

TUJUNGA, Los Angeles Co., Cal.—Architect S. Chas. Lee, 1648 Wilshire Blvd., Los Angeles, is completing plans for a new motion picture theatre building to be built on Foothill Blvd. west of Fischer St., Tujunga, for Edwards Theaters, 4907 Huntington Dr., Los Angeles. Estimated cost, \$75,000. Bids will be taken after January 1. 17

## CONTRACT AWARDED

LOS ANGELES, Cal.—Contracting Engineers Co., 2310 1/2 W. Vernon Ave. awarded contract for construction of a reinforced concrete theater building (120x140-ft.) at Compton Avenue and 66th St. for Fox West Coast Theaters, S. Chas. Lee, architect, 1648 Wilshire Blvd. 17

## 18—WHARVES &amp; DOCKS

Bids Wanted—To Close January 6, 2 P. M.

REMOVE PIER Cost, \$  
 SAN FRANCISCO, Embarcadero.  
 Remove old Pier 11, immediately north of new Pier 9.

Owner—State of California Board of Harbor Commissioners; Ferry Building  
 Engineer—Frank G. White, Ferry Building

Plans and specifications obtainable at the office of the Board in the Ferry Building upon deposit of \$100.

Bids must be accompanied by certified or cashier's check for five per cent of bid payable to the Board of State Harbor Commissioners.

## 19—MISC. CONSTRUCTION

## BIDS OPENED

POINT REYES, Marin Co., Cal.—Helwig Constr. Co., 115 S. Main St., Sebastopol, at \$270 submitted by bid to the Public Works Officer, U. S. Navy Yard Mare Island, under Spec. No. 560 for repairs and improvements at the U. S. Naval Direction Finder Station Point Reyes Cal. Work involves: refencing of a

spring; replacement of catch basin at the spring; replacement of cattle watering trough and piping, about 1000 feet 1 1/2-in. galv. pipe line, 30 gal. pump, motor-driven centrifugal pump, about 650 feet of parkway cable, new fire hydrant and miscellaneous repairs to water pipes and tanks.

## Total bids follow:

Helwig Constr. Co., 115 S.	
Tusla Bldg., Berkeley	\$2,370
A. Fredrick Anderson, Oakland	2,374
and J. Early, Jr., S. F.	2,591
Ernest Ongaro, Fairfax	3,190
Albert Mangs & Associates, S.F.	3,244
Reynolds & Fredenberg, Pt.	
Raynes	3,360
Jos. J. Besseli, S. F.	3,495
DeLuca & Son, Inc., S. F.	3,573
Carlin Constr. Co., S. F.	3,688
Peter Sartorio, S. F.	3,828
Lee J. Imnell, Berkeley	3,895
Underground Constr. Co., Berkeley	3,939
M. J. Reeves Heating Co., S. F.	3,960
Oliver S. Almbro, S. F.	4,400
Bennett & Taylor, Los Angeles	4,500
Seymour Elec. Co., S. F.	5,600

## BIDS WANTED

ANAHEIM, Orange Co., Cal.—Until Dec. 28, 2 P. M., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for 10,000 lbs. cast-iron water pipe fittings in accordance with specifications which may be obtained from E. P. Hapgood, City Engineer. Date previously reported Dec. 23.

## Preparing Plans

ADDITION Cost, \$  
 SACRAMENTO, Cal. 7th and I Sts. Addition of offices to radio station KPBK  
 Owner—Sacramento Bee Newspaper.  
 Architect—Harry J. Devine, Cronan Bldg., Sacramento.

## CONTRACT AWARDED

GRANITE, Cal.—Lynch-Cannon Engineering Co., 5558 Wilshire Blvd., awarded contract for erection of a new passenger depot in Orange, on the site of the old depot, for the Santa Fe Railway Co., Kerckhoff Bldg., Los Angeles. Work is scheduled to start Dec. 20. The general contract does not include the plumbing, heating, electric wiring or painting. The building will be a Spanish style structure, approximately 40x120 feet in area. Plans were prepared by the owner's architectural department. 19

## WORK STARTS SHORTLY

INGLEWOOD, Los Angeles Co., Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, will start work in two or three weeks on the erection of 22 stalls on the site of the new horse racing plant under construction at 9600 Prairie Ave., Inglewood, on the Hollywood Turf Club. Cost of the stalls is estimated at \$125,000. Erection of steel for the grandstand and clubhouse is practically finished and work of enclosing these structures will start soon. This work will include concrete, refrigeration, interior finish and plaster. And Cassidy, at site in charge of the project for the owner. As reported early in November, the Dixon Co. and Architect Stiles O. Clements, 125 Van Ness Bldg., Los Angeles, were retained to complete the plant, on which was started in April of this year. Cost of completion will be \$1,250,000. 19

## BIDS WANTED

LONG BEACH, Cal.—Until Dec. 28, 2 P. M., bids will be received by the Long Beach Harbor Commissioners for building and developing oil lands

lying within the harbor district, in accordance with specifications which may be obtained from the office of the Board, 120 S. Pico Street, Long Beach, D. A. Marshall, Port Manager. 19

## BIDS WANTED

PLUMAS-SIERRA COS., Calif.—Until Jan. 8, 2 P. M., bids will be received by the Plumas-Sierra Rural Electric Cooperative, Wm. Heckenborn, Secretary, Blairsden, for the construction of approximately 250 mi. of distribution lines. Work covers construction of a complete rural electric distribution system, including poles, pole fixtures, primary lines, transformers with accessories, secondary lines, service and appurtenances necessary to connect these primary lines to the primary lines of the Pacific Gas & Electric Co., near Quincy, and California Utilities Co., near Janesville.

Plans and specifications may be obtained from the above, or from Allan Sicker, Consulting Engineer, Bell Bldg., Alturas, Modoc Co., Calif. 19

## 20—MISC. SUPPLIES AND MATERIALS

## CONTRACT AWARDED

SAN FRANCISCO—Air Reduction Sales Co., 315 6th St., San Francisco, at \$1,110, (2) \$2,30, and (3) \$143, submitted low bid and was awarded contract by the U. S. Engineer Office, Lt.-Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 868-28-7, for furnishing (1) oxygen; (2) acetylene, and (3) hydrogen gas; Feb. San Francisco.

## Total bids follow:

Air Reduction Sales Co., 315 6th St., S. F.—(1) \$1,110, (2) \$2,30, (3) \$143.	
Stuart Oxygen Co., S. F.—(1) \$1,30, (2) \$2,55, (3) \$143	
Pacific Oxygen Co., S. F.—(1) \$1,45, (2) \$2,75.	
Linde Air Products Co.—(1) \$1,40, (2) \$2,70.	20

## BIDS OPENED

OAKLAND, Cal.—Bridgeport Brass Company, Hotchkiss Bldg., San Francisco, at \$1157.70, submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 953, for furnishing 450 couplings, 3000 elbows, and 400 tees.

Following submitted identical bids at \$1198.84: Oakland Metal Supply Co.; Oakland Plumbing Supply Co.; Grinnell Company of The Pacific, Tay-Hobbrook, Inc.; Ducommun Metals & Supply Co.; Richmond Sanitary Co.; Moran Plumbing Supply Corp.; American Brass & Copper Co.; Dairies Co.; Crane Co.; and Walworth California Co. 20

## BIDS OPENED

LOS ANGELES, Calif.—Wisconsin Bridge & Iron Co., at \$25,703, submitted low bid to U. S. Engineer, Los Angeles, for 60,000 lb. of steel for Long Beach Main Line-Pacific El. Railway Bridge, Cir. Prop. 153.

## Complete bids were:

Wisconsin Bridge & Iron Co.—\$549 lb., total \$25,503, Feb. Milwaukee.	
Minneapolis Mills Power Implement Co.—\$1056 lb., total \$26,320; Feb. Minneapolis; disc. 1 1/2 to 2 dia.	
Bethlehem Steel Co.—\$6027 lb.; total \$29,169, deliv. to job site.	
Consolidated Steel Corp.—\$648 lb.; total \$30,456; deliv. to job site.	
Mt. Vernon Bridge Co.—\$665 lb.; total \$29,000, Feb. or March to job.	
Pacific Iron & Steel Co.—\$867 lb.; total \$31,879; deliv. to job site. 20	



**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 23, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for cast-iron water pipe as follows: 1000 ft. 4-in., 6200 ft. 6-in., 5200 ft. 8-in., 1800 ft. 10-in. Certified check or bond, 10%. Pipe is to be used at various locations. E. P. Haggood, City Engineer. \* 20

**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 23, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for 16,000 lbs. cast-iron water pipe fittings in accordance with specifications which may be obtained from E. P. Haggood, City Engineer. \* 20

**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 28, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for Buckner or equal sprinkler heads as follows: 3 No. 14 Traveler, 12 sprinkler valves hoseless, 55 No. 1284 heads, 57 No. 125-4 heads, 12 No. 1281 heads, 20 No. 3-B heads, 2 No. 3-C heads. Certified check for \$150. E. P. Haggood, City Engineer. \* 20

**CONTRACT AWARDED**

CENTRAL VALLEY PROJ.—The Diamond Match Co., Chico, at \$387.35 for Tracy, submitted low bid and was awarded contract by the Bureau of Reclamation, W. W. Tuttle, Purchasing Agent, 208 Old Post Office Bldg., Sacramento, under Bid No. D-464-A, for furnishing Ponderosa pine stakes and lathes.

Other bids submitted by: Santa Fe Lumber Co., Sterling Lumber Co., Clovis Lumber Co., Globe Lumber Co., Ltd., Good Lumber Co., Tracy Lumber Co. and Antioch Lumber Co.

**BIDS WANTED**

LOS ANGELES, Cal.—Until Jan. 3, 1938, 3 P. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau for 1000 opera chairs for the Susan Miller Dorsey high school, 3637 Farmdale Ave. Bid No. H-6285. \* 20

**BIDS WANTED**

LOS ANGELES, Calif.—Until Jan. 3, 11 A. M. (time extended from Dec. 23), bids will be received by Los Angeles city purchasing agent for furnishing steel counters, cases, drawers, shelving, etc. Spec. No. 3702. \* 20

**BIDS WANTED**

LOS ANGELES, Calif.—Until Jan. 7, 2 P. M., bids will be received by Metropolitan Water District, Los Angeles, for CI pipe and fittings, valves and miscellaneous metal work for Gene Wash and Copper Basin dams; Spec. 264. The quantities are: Schedule No. 1: misc. metal work of struc. and plate steel.

Sched. No. 2: laddersways of struc. steel and wire mesh.

Sched. No. 3: CI trash bar retainers.

Sched. No. 4: CI pipe, fittings and valves.

Sched. No. 5: vacuum relief valves. Certified or cashier's check 30% must accompany bid. \* 20

**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 28, 8 P. M., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for 250 ft. 4-in. Class B cast iron pipe for use at La Palma Park. E. P. Haggood, city engineer.

Date previously reported Dec. 23. \* 20

**BIDS WANTED**

ANAHEIM, Orange Co., Calif.—Until Dec. 28, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for furnishing 60 adjustable cast-iron valve boxes. Certified check for \$40. E. P. Haggood, City Engineer.

Date previously reported December 23. \* 20

**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 28, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for furnishing galvanized pipe as follows: 140 ft. 2½-in., 1525 ft. 2-in., 1560 ft. 1½-in., 1870 ft. 1¼-in., 3250 ft. 1-in. Certified check, \$125. E. P. Haggood, City Engineer.

Date previously reported Dec. 23.

**BIDS WANTED**

ANAHEIM, Orange Co., Cal.—Until Dec. 28, 8 p.m., bids will be received by the Anaheim City Council, Chas. E. Griffith, City Clerk, for cast-iron water pipe as follows: 1000 ft. 4-in., 6200 ft. 6-in., 5200 ft. 8-in., 1800 feet 10-inch. Certified check or bond, 10%. Pipe is to be used at various locations. E. P. Haggood, City Engineer.

Date previously reported Dec. 23.

**BIDS WANTED**

ORTING, Pierce Co., Wash.—Until December 31, 10 A. M., bids will be received by the Town Clerk, Margaret Groff, for furnishing materials for sewer system, including 3000 ft. 6-inch plain concrete sewer pipe; 750 ft. 6-in. plain concrete sewer pipe; 23,500 ft. 8-in. plain concrete sewer pipe; 1550 ft. 8-in. plain concrete sewer tee, wyes and els; 500 ft. 8-in. plain concrete drain pipe; 2600 ft. 10-in. plain concrete sewer pipe; 100 ft. 18-in. plain concrete storm sewer pipe; 14,000 pieces of standard manhole blocks (concrete) 1700 pieces of best concrete manhole blocks; 400 bbls. Portland cement; 200 cu. yd. washed sand; 250 cu. yd. washed gravel and about 217 MBM sheeting and form lumber.

Plans and specifications may be obtained from the above office. \* 20

**BIDS OPENED**

LOS ANGELES, Calif.—Lakeside Bridge & Steel Co., at \$535.18, total \$25,145, for Milwaukee, submitted low bid (had delayed in mail) to U. S. Engineer, Los Angeles, for 470, 000 lbs. of steel for Long Beach Main Line-Pacific Electric Ry. bridge; Circ. Prop. 153. Other bids were:

Wisconsin Bridge & Iron Co., \$549 lb.; total, \$5,595; for Milwaukee.

Minneapolis-Moline Power Implement Co., \$656 lb.; total \$26,320; for Minneapolis; disc. 1/4 of 1% 10 days.

Bethlehem Steel Co., \$627 lb.; total, \$29,469; delivered to job site.

Consolidated Steel Corp., \$648 lb., total, \$30,456; delivered to job site.

Mt. Vernon Bridge Co., \$665 lb., total, \$30,550 for Los Angeles, not including unloading or hauling to job.

Pacific Iron & Steel Co., \$627 lb.; total, \$31,319; delivered to job site.

**BIDS WANTED**

CONTRACTS AWARDED  
INGLEWOOD, Los Angeles Co., Cal.—The Inglewood City Council awarded the following contracts for cement, sand and gravel for Crenshaw Blvd. and Connolly Drive improvement:

Blue Diamond Corp., 17,100 sacks of Portland cement at 58c sack, disc. 20c ton.

R. C. Wells & Son, Inglewood, 2,585

tons screened gravel at \$1.38 ton, and 4,420 tons concrete sand at \$1.18 per ton. \* 20

**CONTRACT AWARDED**

LOS ANGELES, Cal.—Kyle Steel Constr. Co., 5555 Magnolia, Vernon, at \$23,530, awarded contract by U. S. Engineer, Los Angeles, for 45,000 lbs. fabricated steel for Sewer Farm Road and trestle support bridges; Circ. Prop. 150. \* 20

**BIDS WANTED**

LOS ANGELES, Cal.—Until Dec. 27, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, under Circ. Prop. 182, for furnishing delivery to Lower Canada Blvd. bridge over Verdugo Wash, Glendale and/or f.o.b. bidder's shipping point:

(1) 2671.20 cwt. (126 pcs.) 40 ft. long steel bearing piles, new 12x12 in., 53 lbs. per foot;

(2) 179.92 cwt. steel plates, 12x12x¼ inches. \* 20

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 28, 3 p.m., bids will be received by U. S. Engineer, Los Angeles, for 45,500 tons coarse aggregate and 23,625 tons sand delivered into government batch trucks at contractor's batch plant and/or 35,000 cu. yds. coarse aggreg. and 17,500 cu. yds. sand deliv. into gov. batching plant or stock piles located in vicinity of 26th and Soto Sts., Vernon. The items to be bid on are:

**ALTERNATE NO. 1—**

(1) 69,125 tons coarse aggreg. and sand, batched for ½ of 1 cu. yd. mixer;

**ALTERNATE NO. 2—**

(1) 21,000 cu. yds. coarse aggreg. 1½-in. to ¾-in. size;

(2) 14,000 cu. yds. coarse aggreg. 1-in. to No. 4 mesh size;

(3) 17,500 cu. yds. sand. \* 20

Circ. Prop. 186. Bid bond 10% must accompany bid. \* 20

**BIDS WANTED**

SAN FRANCISCO.—Until Dec. 28, 2:00 P. M., bids will be received by the U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, for furnishing one carload of cement (approximately 160 barrels) Government tested, conforming to Federal Spec. SSC-191-A; for Tucson, Ariz., and/or bidder plant. \* 20

**CONTRACT AWARDED**

SAN FRANCISCO.—Gladding, McBean & Co., Harrison and 9th Sts., San Francisco, at \$18,212 (items 1 and 2) submitted low bid and was awarded contract by the U. S. Engineer Office, Col. J. A. Dorst, District Engineer, 401 Custom House, San Francisco, under Bid No. 65-38-76, for furnishing (1) 350 lf. of clay pipe and (2) 102 lf. of clay pipe; for Fort Funston, San Francisco.

**Total bids follow:**

Gladding, McBean & Co., Harrison and 9th Sts., (1 and 2) \$18,212. United Pipe & Supply Co., (1) \$65.62, California Pottery Co., (1) \$71.29.

**BIDS WANTED**

TRUCKEE STORAGE PROJECT.—Until January 4, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1003-D, for two 50-inch, inside diameter, welded plate-steel outlet pipes for installation in the outlet works at the Boca Dam, Truckee Storage Project, Nev.-Calif. Pipes will be installed by the Government; for shipping pt. and/or Boca, Calif.

Plans and specifications may be obtained from the above office.

## ENGINEERING NEWS

## NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges	30.—Reservoirs and Dams
22.—Dredging, Harbor Works, Excav.	31.—Pipe Lines and Wells
23.—Irrigation Plant	32.—Sewers & Sewage Disposal Plants
24.—St. Light. Systems	33.—Water Works
25.—Machinery and Equipment	34.—Parks & Play grounds
26.—Railroads	35.—Tunnels
27.—Fire Alarm Sys.	
28.—Fire Equipment	
29.—Streets & High ways	

## 21— BRIDGES

## CONTRACT AWARDED

STATE OF WASHINGTON.—Parker-Schram Co., 515 Couch Building, Portland, Oregon, at \$161,483.00 was awarded contract by the Washington State Highway Department, Lacey V. Murrow, Director of Highways, for constructing three concrete piers for a bridge over the Columbia River on County Road, Puget Island Bridge Piers, U. S. Public Works Project No. Wash. 8195-DS (Unit 1), Wahkiakum Co., Wash. \* 21

## BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until January 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Purcell, State Highway Engineer, State Building, Los Angeles, for widening bridges across Corral Creek, Solstice Creek and Escondido Creek at points about sixteen miles north of Santa Monica, Los Angeles County.

Work involves:

- (1) 350 c.y. exist. conc. to be removed and disposed of;
- (2) 1,900 c.y. struc. excav.;
- (3) 200,000 lbs. bar reinf. steel;
- (4) 1,320 c.y. Class A Portland cem. conc. struc.;
- (5) 24 c.y. do (trailing);
- (6) 5 c.y. rock wall;
- (7) 493 lf. temporary timber railing;
- (8) 1 lot misc. items of work.

Plans and specifications may be obtained from the above office. \* 21

## BIDS WANTED

SAN FRANCISCO—Until Jan. 5, 10 a.m., bids will be received by the Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, Administration Bldg., Toll Plaza, for erecting a steel traveling platform under the Golden Gate Bridge.

Plans and specifications may be obtained from the above office upon deposit of \$10. \* 21

## BIDS WANTED

SAN FRANCISCO—As previously reported until January 5, 10 A. M., bids will be received by the Board of Directors of Golden Gate Bridge and Highway District, W. W. Felt, Jr., Secretary, Toll Plaza, Presidio, San Francisco, for the erection of certain steel scaffolds underneath the Main span and side spans of Golden Gate Bridge, together with alterations and additions to certain steel work now on the Bridge.

Plans and specifications may be obtained from the above office upon deposit of \$10.00. \* 21

## BIDS WANTED

SAN FRANCISCO—Until Jan. 5, 2:30 p.m., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 19075, for construction of fenders at Islais Creek Bridge. Estimated cost, \$31,000.

Work involves:

- (1) Lump sum, providing barricades and signs; removing fenders and dolphins;
  - (2) 15,000 lin. ft. graving timber treated piles;
  - (3) 50 MFEM installing timber wales for fenders, exclusive of Item No. 2, including hardware, springs, castings, etc.;
  - (4) Lump sum, electrical work, etc.
- Plans and specifications may be obtained from Room 351, City Hall, upon the deposit of \$10. \* 21

## 22— DREDGING HARBOR WORKS, EXCAVATION

## BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 29, 10 a.m., bids will be received by General Manager, Los Angeles Harbor Dept., for bucket dredging of 3,000 c.y. material from areas in Slip No. 1 and in Fish Harbor. Spec. SEC. A—Slip No. 1:

- (1) 20,000 c.y. dredging to depth of 25 ft. with overdepth of 2 ft., outside pierhead lines at Berths 153 to 157, Slip No. 1, Inner Harbor;

SEC. B—Fish Harbor:

- (2) 18,000 c.y. dredging to depth of 15 ft. with overdepth of 2 ft. in front of Berth 265-7 in Inner Basin, Fish Harbor, Terminal Island. \* 22

## BIDS OPENED

SAN DIEGO, Cal.—Chas. and F. W. Steffen, 2015 Bay Front, San Diego, submitted only bid to the San Diego city purchasing agent for repairs to SW corner of Pier No. 1, Harbor. The bid was: \$3160 for removal of damaged portion and replacement of 8x18-ft. sub-structure and deck, including replacement of 18-in. sq. by 60-ft. long conc. pipe; \$2395 for same, exclusive of concrete pipe. \* 22

## 23— CANALS

## BIDS WANTED

BELL, Los Angeles Co., Cal.—Until Jan. 3, 8 p.m., bids will be received by the Bell City Council (E. P. Folsom, City Clerk), for the construction of an ornamental lighting sys-

tem on Atlantic Ave., between Randolph St. and Bell Ave., in accordance with plans and specifications which may be obtained at the office of Tracy B. Bousman, city engineer. Certified check or bond for 10% must accompany each proposal. \* 23

## 24— STREET LIGHTING

## CONTRACT AWARDED

PETALUMA, Sonoma Co., Calif.—Westinghouse Electric Supply Co., 260 Fifth St., San Francisco, at (1) \$935, (2) \$855.34, (3) \$248.12, (4) \$497.97, (5) \$150.03, (6) \$335.89 and (7) \$65.52, submitted low bid and was awarded contract by the Petaluma City Council, Gladys V. Roberts, City Clerk, City Hall, for furnishing the following materials for the illumination of Third St., Petaluma:

- (1) 8,500 lf. electrical primary No. 8 E & S. Gauge Hazard Cable, with single strand copper conductor insulated for 3500 volts with 30% Hevea rubber;
  - (2) Twelve single-light cast iron electrolier standard, 21 inches across the flats of base, Lafayette No. 14 type, or equal;
  - (3) Two double-light cast iron electrolier standard, height of 18 ft., 10 inches, 21 inches across the flats of base, Lafayette type or equal;
  - (4) 23 isolating transformers, each having a lamp rating from 10,000 to 6000 lumens of 20-ampere capacity, Westinghouse style or equal;
  - (5) 28 Westinghouse disconnecting potheads, or equal;
  - (6) 24 Westinghouse medium luminaires, or equal;
  - (7) 4 large Washington standard luminaires, or equal.
- Cline Electric Works, Petaluma, at (1) \$0.1220 per ft., (2) \$65.66, (4) \$21.70, (5) \$5.37 and (6) \$14.03, submitted only other bid. \* 24

## BIDS OPENED

SAN FRANCISCO.—Lee Electric Co., 714 Central Ave., San Francisco, at \$2,449, submitted low bid to the San Francisco Public Utilities Commission, Room 287, City Hall, for the installation of sodium vapor lights in the Stockton Street Tunnel. Work consists of removing 70 existing incandescent lamps and fixtures and installing 19 sodium vapor luminaires.

Total bids follow:

Lee Electric Co., 714 Central Ave., San Francisco—\$2,449.

Ablett Electric Co.—\$2713.

E. J. Lynch Electric Co., Inc.—\$2831.

Matson Elec. Equipment Co.—\$2859.

Atlas Elec. & Engineering Co.—\$2895.

R. Flatland—\$2965.

Geo. F. Brayer—\$2985.

Severn Elec. Co.—\$2994 \* 24

## 25— MACHINERY AND EQUIPMENT

## BIDS WANTED

BERKLEY, Alameda Co., Cal.—Until January 4 10 a.m., bids will be received by the Berkeley City Council, Florence Turner, City Clerk, City Hall, Berkeley, for furnishing one tractor and bulldozer.

Plans and specifications may be obtained from the above office. \* 25

Capital City  
Title Company

•

JAMES E. BANCROFT

•

Manager

•

801 J Street  
Sacramento • California

**BIDS WANTED**

OAKLAND, Cal.—Until Dec. 28, 4:30 p.m., bids will be received by the City of Oakland Port Commission, foot of Grove Street, Oakland, for furnishing one ten-ton used road trailer.

Plans and specifications may be obtained from the above office. \* 25

**CONTRACT AWARDED**

SAN JOSE, Santa Clara Co., Calif.—Hall-Scott Motor Car Co., Rialto Bldg., San Francisco, at \$2431.08 submitted only bid and was awarded the contract by San Jose City Council, C. E. Goodwin, City Manager, City Hall, for the sale to the City of one Hall-Scott Model 175-1 fire engine, or equal. \* 25

**CONTRACTS AWARDED**

**BOULDER CANYON PROJECT.**—The Bureau of Reclamation, Washington, D. C., under Spec. 950-D, awarded the following contracts for radial gates for power drops Nos. 2, 3, 4 and 5, and New Briar turnout on All-American Canal System, Boulder Canyon Project: Consolidated Steel Corp., eight 15 ft x 16 ft 9 in gates, \$8206.25, Omaha Steel Works, four 15 ft 6 in x 16 ft 3 in gates, \$3093.58, Lakeland Bridge & Steel Co., four 10 ft x 15 ft 3 in gates, \$3906.91, Treadwell Constr. Co., two 8 ft 6 in x 8 ft 9 in gates, \$1663.27. \* 25

**CONTRACTS AWARDED**

ALAMEDA, Alameda Co., Calif.—C. W. Hammond, Alameda, at (1) \$978.50, and Frank Dietz Motor Co., Alameda, at (2) \$1069 net, awarded contracts by the Alameda City Council, City Clerk, City Hall, Alameda, for furnishing four automobiles: (1) one for the Alameda Fire Department, (2) three for the Police Department (trade-in allowance on Police cars). \* 25

**BIDS OPENED**

MARIN AND SONOMA COS., Cal.—Following submitted bids to the Dept. of Public Works, Division of Highways, Jno. H. Skoggs, District Engineer, District IV, Room 211, State Bldg., San Francisco, for the rental for 120 hours of two pneumatic tired dump trucks, chassis weight not less than 4000 lbs., body capacity not less than 3½ cu. yd., for use in Marin and Sonoma Counties.

Bids were taken on: (1) hand loading, (2) bunker loading, (3) power loading.

Total bids follow:

A. P. Mead Point Arena (1) \$215; (2) \$249, (3) \$275.

York & Gravel Trucking Co., Oakland (2) \$275, (3) \$275.

Portland Truck Service, San Francisco (1) \$265, (2) \$290, (3) \$315, W. L. Morgan, Pasadena—(1) \$250, (2) \$265, (3) \$285.

Ashby Bros., Hopland—(1) \$260, (2) \$290, (3) \$310.

W. C. E. Smith, Antioch—(1) \$300, (2) \$350, (3) \$350.

W. C. Railing, Menlo Park—(1) \$265, (2) \$290, (3) \$315.

Arnold Trucking Co., San Francisco (1) \$220, (2) \$240, (3) \$255.

Geo. L. Parry & John Rosebush, (1) \$210, (2) \$235, (3) \$260, (4) \$315.

H. Simon, San Francisco—(1) \$265, (2) \$295, (3) \$315.

N. M. Mason, San Mateo—(1) \$265, (2) \$290, (3) \$315.

E. Barthelme, San Francisco—(1) \$265, (2) \$295, (3) \$315.

Montgomery & Co., Sonoma—(1) \$245, (2) \$275, (3) \$275.

Donald Gallagher, San Francisco—(1) \$265, (2) \$315, (3) \$315.

H. W. Wagner, Napa—(1) \$265, (2) \$290, (3) \$315.

L. W. Beguhl, Millbrae—(1) \$235; (2) \$255; (3) \$275.

H. R. Davis, Irvington—(1) \$229; (2) \$250; (3) \$275.

H. E. Springer, San Francisco—(1) \$249, (2) \$274; (3) \$299.

N. Giorgi, San Francisco—(1) \$235; (2) \$250; (3) \$275.

Danhausen, Van Winkle & John Winsor—(1) \$265; (2) \$290; (3) \$315.

J. P. Buonaccarsi, Willets—(1) \$235, (2) \$255; (3) \$275.

E. S. Bosher, Los Angeles—(1) \$270, (2) \$275, (3) \$300.

V. V. Clark, Jr., North Hollywood—(1) \$265; (2) \$290; (3) \$315.

S. E. Boysanger, Los Angeles—(1) \$265; (2) \$290; (3) \$315.

K. I. Dowdy, San Francisco—(1) \$235, (2) \$255; (3) \$275.

C. F. Lea, San Francisco—(1) \$235; (2) \$255; (3) \$275.

Henson & Jones, Pasadena—(1) \$210, (2) \$230; (3) \$250.

M. J. Moiser, Petaluma—(1) \$230; (2) \$247; (3) \$253.

F. N. Branen, Oakland—(1) \$265; (2) \$290, (3) \$315.

Iambretti Bros., Mill Valley—(1) \$200, (2) \$260; (3) \$267.

McReynolds Trucking Co., Oakland—(1) \$265, (2) \$290; (3) \$315.

Brown Ely Co., Oakland—(1) \$265; (2) \$290; (3) \$315.

Chas. L. Harney, San Francisco—(1) \$235; (2) \$255; (3) \$275. \* 25

**BIDS WANTED**

SACRAMENTO, Calif.—Until Dec. 29, 8:15 p.m., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for furnishing 10 trucks, 14 coupes and one sedan for various departments.

Plans and specifications may be obtained by the above office. \* 25

**BIDS WANTED**

LOS ANGELES, Calif.—Until Dec. 29, 2 P. M., bids will be received by Metropolitan Water District Purchasing Agent, Los Angeles, for eight 1½-ton pickups, wheelbase not less than 112-inch and engine not less than 75-hp. Trade-in to be made on eight used cars. All bids for trade-in allowance to be made on 14 used cars. Bid 92996. \* 25

**BIDS OPENED**

KENDRIK PROJ., Wyo.—Following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 761, for furnishing two 72-in. ring-necked gates and two bell-mouth castings for installation in the outlet works at the Sannoe Dam, Kendrick Project, Wyo. Gates and bell-mouth castings will be installed by the Government, job shipping point at Fort Patro, Wyo.

Total bids follow:

The Filer & Stowell Co., Milwaukee, Wis., (1) \$3000; (2) 148,000 lbs., (3) \$2900, (4) 17,500, Combination, \$97,700, job Milwaukee; 2.

The Smith Corp., (General Iron & Steel Works Portland, Ore., (1) \$38,000, (2) 170,000, (3) \$1996, (4) 19,000, job Portland, net.

Consolidated Steel Corp., Ltd., Los Angeles, (1) \$3167, (2) 144,000, (3) \$995, (4) 19,000, combination, \$35, (4) job Los Angeles, net.

Morgan Smith Co., York, Pa., (1) 27,750, (2) 190,000, (3) \$2800, (4) 21,000, job York; net.

Indiana Head & Iron Works, S. F., (1) \$3000, (2) 160,000, (3) \$1378, (4) 19,000, job San Mateo; net.

Kopets Co., Bartlett—Hayward Div., Baltimore, Md., (1) \$29,000, (2) 13,000, (3) \$1800, (4) 18,200, job Baltimore. \* 25

**BIDS WANTED**

GILA PROJECT, Ariz.—Until Jan. 5, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1004-D, for eight motor-driven double stem, gate hoists for the sluice gates, and eight motor-driven, gate stem, gate hoists for the diversion gates for basin No. 3 of the desilting works of the Gila Valley Canal, Gila Project, Arizona. Hoists will be installed by the Government; job shipping point and/or Potholes, Calif.

Plans and specifications may be obtained from the above office. \* 25

**BIDS WANTED**

DENVER, Colo.—Until January 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 105-D, for three double drum radial-gate hoists and one portable gasoline engine-powered drive unit for installation on the bridge over the spillway at the Bull Lake Dam, Riverston Project, Wyo; and three double-sprocket, radial-gate hoists and one portable gasoline-engine-powered drive unit for installation on the bridge over the spillway at the Alamogordo Dam, Carlshad Project, N. M. Apparatus will be installed by the Government; job shipping point and/or railroad destination.

Plans and specifications may be obtained at the above office.

**BIDS OPENED**

FAIRHANKS MASON, Calif.—Following submitted bids to the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Bid No. 923-35-167, for furnishing one horizontal duplex pattern steam pump for use on U. S. tug, "Slocum"; f.o.b. Dock No. 1, Fort Mason, San Francisco, Cal.

Total bids follow:

Fairbanks Morse & Co., San Francisco—\$341.

E. C. Cooley, San Francisco—\$282, 2½ 10 days.

Dow Pump & Diesel Engine Co., Alameda—\$350.

J. O. and C. U. Martin, San Francisco—\$20, 1½ 10 days.

Scott Machinery Co., San Francisco—\$288, 2½ 20 days.

Simonds Machinery Co., San Francisco—\$340.

Geo. E. Swift & Co., San Francisco—\$303.

Westco Pump Sales Co., San Francisco—\$260.

Worthington Pump & Machinery Corp., San Francisco—\$276; Alt. \$259.90, F.A.S. New York.

Kemp Machinery Co., Baltimore—\$318, (2) \$358.70; alt., \$283.50; f.o.b. Dayton, Ohio; 2½ 10 days. \* 25

**BIDS OPENED**

OAKLAND, Cal.—Geo. V. Arth & Son, 4921 Broadway Street, Oakland, at \$59 net, submitted low bid to the City of Oakland Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 952, for furnishing one 1938 Dodge touring sedan.

Total bids follow:

Geo. V. Arth & Son, 4921 Broadway St., Oakland—\$59.00

J. E. McLaughlin, 512 16th St., Oakland—\$24.00

Winkburg Motor Co., Oakland—\$27.00

**BIDS WANTED**

OAKLAND, Cal.—Until Jan. 5, 3:30 p.m., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Prop. No. 959, for the rental of five 2-cy. dump trucks and one 1½-ton flat bed truck.

Plans and specifications may be obtained from the above office. \* 25



**CONTRACT AWARDED**  
**LOS ANGELES**, Cal.—J. L. Schlosser, 866 S. Western Ave., at \$5,992, 1/2 of 1% awarded contract by U. S. Engineer, Los Angeles, for 8 station wagons delivered to Los Angeles; Circ. Prop. 155. 25

**BIDS OPENED**  
**LOS ANGELES**, Calif.—Following submitted bids to the U. S. Engineer, Los Angeles, under Circ. Prop. 159, for rental of four 2 1/2-cv. draglines without operators for 120 days in Los Angeles County drainage area.

- (1) 1 dragline for 2000 hours;
- (2) 2 draglines for 4000 hours;
- (3) 3 draglines for 6000 hours;
- (4) 4 draglines for 8000 hours.

The bids were:  
 C. A. Spicer (Link-Belt K-55), (1) \$5.75 hour; total, \$11,500; disc. 1% 10 days.

Munnis & Moody (Marion No. 381), (1) \$7.47 hour; total, \$14,940; disc. 1% 10 days.

A. J. Callahan (Link-Belt K-180), (1) \$5 hour; total, \$10,000; alt. bid (Northwest 80) \$8 hour; total \$16,000. United Concrete Pipe Co. (Lima 100 and 701) (2) \$7.75 hour; total, \$131,000.

B. W. Kuhn (Northwest 80) (4) \$7.50 hour; total, \$60,000; if vendor's operators are employed on separate equipment, payroll to operated equipment, deduct \$1 hour.  
 Oswald Bros. (Northwest 78) (1) \$6.95; total, \$13,900.

R. E. Campbell (Link-Belt K-180) (1) \$7 hour; total, \$14,000; disc. 2% 10 days.

American Concrete & Steel Pipe Co. (Lima 801) (1) \$6 hour; total, \$12,000; disc. 2% 20 days.

V. R. Dennis Const. Co. (Thew-Loraine No. 87) (1) \$5 hour; total, \$10,000; disc. 2% 20 days.

Pacific Crane & Rigging Co. (Link-Belt K-55) (1) \$7.25 hour; total, \$14,500; disc. 5% 20 days. 25

**CONTRACT AWARDED**  
**NORTH HOLLYWOOD**, Los Angeles Co., Cal.—Gardner-Denver Co. at \$675 was awarded contract by State Purchasing Agent, Sacramento, for air compressor, Quat. North Hollywood Reg. 9695; Quat. 20879.

**BIDS OPENED**  
**LOS ANGELES**—Following submitted bids to the U. S. Engineer, Los Angeles, for rental of 40 four-cubic-yard water measure capacity dump-body trucks with drivers for 120 days in Los Angeles Drainage Area.

- (1) 16,000 truck hrs. for 8 trucks;
- (2) 32,000 truck hrs. for 16 trucks;
- (3) 48,000 truck hrs. for 24 trucks;
- (4) 64,000 truck hrs. for 32 trucks;
- (5) 80,000 truck hrs. for 40 trucks.

The bids are:  
 Santo Tesesco, 11% 10 da, (1) \$2.00 hr. total \$32,000.  
 J. E. Burr Truck Co., 5% 20 da, (1) \$2.20 hr; \$35,200.  
 Vincent Agnifili, (1) \$1.78 hr; total \$28,450.

J. F. Hinson and D. E. Jones, 1/2 of 1% 10 da, (1) \$2.25 hr, total, \$35,000.

M. & P. Truck Service, 11% 10 da, (1) \$1.50 hr, \$23,500 total.  
 Tony Tesesco, (1) \$1.64 hr, \$26,210 total.

G. R. Haines, 10% 10 da, (1) \$1.55 hr; \$24,550 total.  
 W. L. Morgan, (1) \$1.69 hr \$27,010 total.

Nick Persepolis, (1) \$2.00 hr, \$32,000 total.

C. V. Clark, Jr., 5% 10 da, (1) \$2.24 hr, \$37,040 total.

A. F. Heinze, 1% 10 da, (1) \$2.60 hr \$11,600 total.

Milite Transportation Co., (1) \$2.10 hr, \$23,900 total.

Claude Fisher Co., (2) \$2.19 hr; total, \$70,090.

Edmondson & Ranken, 2% 10 da, (1) \$2.74 hr, \$27,840 total.

Edling & Beguhl, 2% 10 da, (1) 2.74 hr, \$6,000 total.  
 J. S. Blasco, 27 1/2 20 da, (1) \$2.23 hr, \$73,680 total.

G. W. Riley, (1) \$1.60 hr; \$25,600 total.

J. F. Pierce, 2% 30 da, (1) \$2.05 hr; \$2,560 total.

Paul Moe and Russell Moe, (1) \$3.65 hr, \$26,810 total.

San Antonio Dump Truck Service, (1) \$2.00 hr, \$20,000 total.

Shelton Hauling Co., 12% 20 da, (1) \$1.75 hr, \$25,000 total; (2) \$2.00 hr, \$4,000 total.

V. J. Munns, 1% 10 da, (1) \$1.62 hr, \$7,620 total.

H. B. Lightfoot, 2% 20 da, (1) \$1.70 hr, \$27,200 total.

E. M. Ford, 2% 20 da, (1) \$1.82 hr; \$9,120 total.

Western Trucking Co., (1) \$2.00 hr; \$20,000 total.

Field H. Walters, 4% 10 da, (1) \$1.50 hr, \$21,000 total.

Wood Book Co., 2 1/2 10 da, (1) \$2.25 hr, \$36,000 total.

Rich & Gravel Trucking Co., 1% 20 da, (1-5) \$2.52 hr, totals, (1) \$40,750; (2) \$40,010; (3) \$120,950; (4) \$161,240; (5) \$201,900. 25

**BIDS OPENED**  
**SACRAMENTO**, Calif.—Following submitted bids to the Sacramento and Central H. G. Denton, City Clerk, Sacramento, for furnishing and installing 100 pickup bodies and closed cabs for pickup trucks for the Electrical Department, 20 one for the Pumping Department, the Water Department, and 10 for the Health Department, and 10 for the Water Department.

- (1) \$1,450 each; (2) \$1,561; (3) \$1,600; (4) \$1,636; (4) \$1,670 and \$619.
- (5) \$1,700; (6) \$1,740; (7) \$1,775; (8) \$1,810; (9) \$1,845; (10) \$1,880; (11) \$1,915; (12) \$1,950; (13) \$1,985; (14) \$2,020; (15) \$2,055; (16) \$2,090; (17) \$2,125; (18) \$2,160; (19) \$2,195; (20) \$2,230; (21) \$2,265; (22) \$2,300; (23) \$2,335; (24) \$2,370; (25) \$2,405; (26) \$2,440; (27) \$2,475; (28) \$2,510; (29) \$2,545; (30) \$2,580; (31) \$2,615; (32) \$2,650; (33) \$2,685; (34) \$2,720; (35) \$2,755; (36) \$2,790; (37) \$2,825; (38) \$2,860; (39) \$2,895; (40) \$2,930.

**BIDS WANTED**  
**LOS ANGELES**—United Doe, 10% 20 da, (1) \$1.50 hr; \$22,500 total. Water & Power Engineer, 10% 20 da, (1) \$1.50 hr; \$22,500 total. No bid for automobile. No bid for truck. 25

**BIDS OPENED**  
**SACRAMENTO**, Calif.—Following submitted bids to the Sacramento and Central H. G. Denton, City Clerk, Sacramento, for furnishing and installing 100 pickup bodies and closed cabs for pickup trucks for the Electrical Department, 20 one for the Pumping Department, the Water Department, and 10 for the Health Department, and 10 for the Water Department.

- (1) \$1,450 each; (2) \$1,561; (3) \$1,600; (4) \$1,636; (4) \$1,670 and \$619.
- (5) \$1,700; (6) \$1,740; (7) \$1,775; (8) \$1,810; (9) \$1,845; (10) \$1,880; (11) \$1,915; (12) \$1,950; (13) \$1,985; (14) \$2,020; (15) \$2,055; (16) \$2,090; (17) \$2,125; (18) \$2,160; (19) \$2,195; (20) \$2,230; (21) \$2,265; (22) \$2,300; (23) \$2,335; (24) \$2,370; (25) \$2,405; (26) \$2,440; (27) \$2,475; (28) \$2,510; (29) \$2,545; (30) \$2,580; (31) \$2,615; (32) \$2,650; (33) \$2,685; (34) \$2,720; (35) \$2,755; (36) \$2,790; (37) \$2,825; (38) \$2,860; (39) \$2,895; (40) \$2,930.

**BIDS WANTED**  
**SACRAMENTO**, Calif.—Following submitted bids to the Sacramento and Central H. G. Denton, City Clerk, Sacramento, for furnishing and installing 100 pickup bodies and closed cabs for pickup trucks for the Electrical Department, 20 one for the Pumping Department, the Water Department, and 10 for the Health Department, and 10 for the Water Department.

J. Henry Harris, Oakland—\$6.70. Johnson & Nelson, San Anselmo—\$6.00.

A. Helwig, Sebastopol—\$4.65. W. K. Walker, San Francisco—\$7.00. F. D. Robinson, Healdsburg—\$4.40. N. S. Brainerd, Oakland—\$1.95. N. S. Saporetti, San Anselmo—\$1.90.

D. C. Kemp, Fernbridge—\$4.24. \* 25

**29—STREETS AND HIGHWAYS**

**COMPLETE BIDS**  
**SEQUOIA NATIONAL PARK**, Cal. Square Oil Co., 916 Adobe St., Los Angeles, at \$0.0475 per gal., submitted low bid to the Superintendent, Sequoia National Park, for delivering and spreading 250,000 gals. SC No. 2 Road Oil in Death Valley National Monument from Surveyors Wells to Grapevine Canyon, a length of 24 miles, and dead haul from Death Valley Junction, length of 57 miles.

Total bids follow:  
 Square Oil Co., 916 Adobe St., Los Angeles - \$0.0475.

Regal Oil Co., Long Beach—\$4.6519. Paulsen & Marco, Compton—\$4.6519. Morgan Bros., Maywood—\$4.6521.

Petrol Corp., Los Angeles—\$4.6528. Oilfields Trucking Co., Bakersfield \$0.666.

Richfield Oil Co., L. A.—\$4.6569. Gilmore Oil Co., L. A.—\$4.6519. 29

**BIDS WANTED**  
**WASHOE CO. NEV.**—Until Jan. 5, 2 p.m., bids will be received by the Nevada State Dept. of Highways, Heres Memorial Bldg., Carson City, Nev., for 170 mi. highway construction from Junction with State Route 3 to a point approximately two miles west Rt. 27, Sec. B, Washoe County, Nevada.

- Work involves:
  - (1) 3,470 lf. remove fence;
  - (2) 13,758 cu. yd. trench excav.
  - (5) 12 cu. yd. drainage excav.
  - (4) 6 sta. v. type ditches;
  - (5) 8,393 cu. yd. borrow;
  - (6) 46,212 yd. sta. overhaul (yd. sta.);
  - (7) 1,769 yd. mt. overhaul (yd. ml.);
  - (8) 20 cu. yd. struc. excav.
  - (9) 100 cu. yd. backfill;
  - (10) 170 mi. subgrade, type C;
  - (11) 878 cu. yd. rock cleanup;
  - (12) Force account, roadside cleanup;
  - (13) 10 m. gals. water;
  - (14) 7,575 tons gravel surface;
  - (15) 18 tons liq. asph., type SC-2 (road-mix);
  - (16) 141 tons liq. asph., type SC-2 (road-mix);
  - (17) 170 mi. road-mix;
  - (18) 8 cu. yd. class A concrete;
  - (19) 3 cu. yd. class B concrete;
  - (20) 65 lbs. roof. steel;
  - (21) 6,275 lbs. rebar steel;
  - (22) 60 cu. yd. MFBM untreated Doug. fir.
  - (23) 28 lf. 12-in. CMP;
  - (24) 51 lf. 18-in. CMP;
  - (25) 104 lf. 24-in. CMP;
  - (26) 6 each, culvert markers;
  - (27) 12 each, guard posts;
  - (28) 7,290 lf. re-abstract fence;
  - (29) 1 each 16-ft. steel gate;
  - (30) 16 each, monuments.

Plans and specifications may be obtained from the State Highway Engineer, Bobt A. Allen, Carson City, Nevada, and the District Office of the State Dept. of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10. \* 29

**CONTRACT AWARDED**  
**SAN FRANCISCO COUNTY**, Cal. N. M. Ball at \$2,822,000, Ave. Albany, at \$62,700, and a grade contract by the State Dept. of Highways. C. H. Purcell State Highway Engineer, 1044 Wash. Bldg., Sacramento, Cal.

the construction of an undergrade crossing under the tracks of Southern Pacific Railroad and grading and paving with Portland cement concrete and crusher run base and road-mix surfacing about .75 of a mile of roadway about one mile south of Redding, Shasta County. \* 29

#### BIDS WANTED

**EUREKA CO., Nev.**—Until Jan. 5, 1:30 p.m., bids will be received by the Nevada State Dept. of Highways, Hoopes Memorial Bldg., Carson City, Nevada, for the construction of a concrete and steel overpass and approximately 0.79 mi. approaches on the State Highway near Shoshone, Rt. 1, Sections A-1 and A-2, Eureka County, Nevada.

Work involves:

- (1) 90 hrs. motor grader;
- (2) 50 hrs. 15-ton truck;
- (3) Force account, special detours;
- (4) 1,840 lf. remove fence;
- (5) Lump sum, remove overpass;
- (6) 10,233 sq. yds. remove and stock pile roadmix surf.;
- (7) 27,674 c.y. roadway excav. A;
- (8) 46,442 c.y. roadway excav. B;
- (9) 15 c.y. drainage excav.;
- (10) 11 sta. V type ditches;
- (12) 45,217 c.y. borrow;
- (13) 33 sta. slope rounding;
- (14) 292,194 yd. sta. overhaul (yard sta.);
- (15) 17,566 yd. mt. overhaul (yd. mt.);
- (16) 360 c.y. struc. excav.;
- (17) 1,220 c.y. backfill;
- (18) 0.751 mi. subgrade, type B;
- (19) 1,050 c.y. salvaged aggregate;
- (20) 806 M. gals. water;
- (21) 3,934 tons type 1 gravel base;
- (22) 1,856 tons gravel surface;
- (23) 7 tons liq. asph., type SC-2 (prime coat);
- (24) 9 tons liq. asph., Type SC-2 (seal);
- (25) 90 tons liq. asph., Type SC-2 (roadmix);
- (26) 0.751 mi. roadmix;
- (27) 200 c.y. class A concrete;
- (28) 268 c.y. class D concrete;
- (29) 455 lf. concrete rail;
- (30) 95,730 lbs. reinf. steel;
- (31) 122,000 lbs. struc. steel;
- (32) 4 each, load tests;
- (33) 248 lf. steel bearing piles;
- (34) 85 each, drive steel piles;
- (35) 100 lf. 8-in. CMP (dipped);
- (36) 10 lf. 24-in. CMP (dipped);
- (37) 1 each, move pipe culvert head-walls;
- (38) 2,061 lf. beam type metal guard rail;
- (39) 170 lf. reconstruct fence;
- (40) 8 each, monuments;
- (41) Lump sum, blast plates;
- (42) 2 each, embankment protectors;
- (43) Alt. A (metal crib);
- (44) 510 each, 6-ft. 0-in. metal stretcher;
- (45) 164 each, 4-ft. 0-in. mtl. header;
- (46) 65 each, 6-ft. 0-in. mtl. header;
- (47) 83 each, 8-ft. 0-in. mtl. header;
- (48) 292 each, 68-in. conc. stretcher;
- (49) 352 each, 68-in. conc. stretcher;
- (50) 145 ea., 6x10-in. conc. stretcher;
- (51) 108 ea., 5x8-in. conc. header;
- (52) 113 ea., 8x10-in. conc. header.

Plans and specifications may be obtained from the State Highway Engineer, Robt. A. Allen, Carson City, Nevada, and at the District Office of the Bureau of Public Roads, Federal Office Bldg., San Francisco, upon the deposit of \$10. \* 29

#### CONTRACT AWARDED

**LEWIS AND PIERCE COS., Wash.**—The Muten Co., Portland Ore., at \$113,423.80 was awarded contract by the U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing or improving 13.69 mi. of highway, Mt. Ranier National Park, East Side Highway Project 5-B,D, Surfacing and Slope Stabiliza-

tion and 5-A,B,C,D, Bituminous Surface Treatment, National Park Road Project, Counties of Lewis and Pierce Washington. \* 29

#### BIDS WANTED

**COCONINO CO., Ariz.**—Until Jan. 4, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for 25.6 miles of subgrading roadway and refinishing slopes, aggregate base course, 90-95 road oil plant mix and one-half mile of asphaltic surface treatment, Flagstaff-Fredonia Highway, F. A. 95-E, AFE 8972; F L 4-C, AFE 8973.

Work involves:

- (1) 24.6 miles subgrading roadway and refinishing slopes;
- (2) 124,700 c.y. select material (CIP)†
- (3) 7,000 c.y. stripping pits;
- (4) 1,500 M. gals. sprinkling;
- (5) 1200 hours rolling;
- (6) 40,600 tons of aggregated base course (CIP)†
- (7) 29 each corrugated metal catch-hasin;
- (8) 124 lf. 8-in. CMP;
- (9) 40,350 tons plant mix (90-95);
- (10) 2300 tons road oil (90-95);
- (11) 199,300 gals. road oil (SC-2) for prime coat and AST;
- (12) 249 miles placing plant mix;
- (13) 5,000 tons screenings;
- (14) 650 tons stockpiling plant mix (SC-2);
- (15) 26 tons cutback asph. (MC-2).

Plans and specifications may be obtained from the Arizona Highway Dept., 17th Ave. and Jackson Street, Phoenix. \* 29

#### RECOMMENDATION FOR REJECTION

**TUOLUMNE COUNTY, Cal.**—U. S. Bureau of Public Roads, Federal Office Bldg., San Francisco, made reference of bids for 2.107 miles grading and placing a subgrade reinforcement on Section A2 of Route 4, the Tioga Road, Yosemite National Park, Tuolumne County, Louis Blansett & Son, P. O. Box 587, Stockton, at \$98,382.40 submitted low bid.

#### BIDS WANTED

**CLARK COUNTY, Nev.**—Until Jan. 5, 2:30 P. M., bids will be received by the Nevada State Department of Highways, Hoopes Memorial Bldg., Carson City, Nevada, for 7.34 miles of highway construction from Jean to Goodsprings, Route 53, Section A, Clark County, Nevada.

Work involves:

- (1) 42 acres clearing;
- (2) 39,492 c.y. rdwy. excav.;
- (3) 4,250 c.y. drainage excav.;
- (4) 80 sta. "V" type ditches;
- (5) 2,150 c.y. imported borrow;
- (6) 20,170 yd. sta. overhaul (yd. sta.)
- (7) 43 yd. mt. overhaul (yd. mile);
- (8) 950 c.y. structure excavation;
- (9) 610 c.y. backfill;
- (10) 80 M. gals. water;
- (11) 109 c.y. Class B concrete;
- (12) 4,600 lbs. reinf. steel;
- (13) 422 lf. 18-in. corr. metal pipe;
- (14) 844 lf. 24-in. corr. metal pipe;
- (15) 192 lf. 30-in. corr. metal pipe;
- (16) 94 lf. 36-in. corr. metal pipe;
- (17) 820 lbs. castings;
- (18) 42 each monuments;
- (19) 7,325 miles finish roadway.

Plans and specifications may be obtained from the State Highway Engineer, Robert A. Allen, Carson City, Nevada, and at the District Office of the Bureau of Public Roads, Federal Office Bldg., Civic Center, San Francisco, upon deposit of \$10.00

#### CONTRACT AWARDED

**PHOENIX, Maricopa Co., Ariz.**—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$29,755.00 (using plant-mix paving on aggregate base, Alt. 2), awarded contract by the Phoenix City Commission, for improving portions of Third, Lewis, West Vernon

Ave. and Wilshire Drive, in accordance with specifications and plans prepared by James Girand, city engineer.

The estimate was \$36,838. \* 29

#### BLUE PRINTS AVAILABLE

**SACRAMENTO, Cal.**—State Highway Engineer C. H. Purcell, announces the cost of blue prints now available for work for which bids will be opened as noted below:

1. VI-Fre-Feeder, bridge about three miles south of Sanger; PLANS (No. of Sheets) 7; (Cost) \$1.00; No Cross-Sections; (total) \$1.00.
2. VII-Ora-2-A, at Oro Creek; Plans (No. of Sheets) 10; (Cost) \$1.50; CROSS-SECTIONS (No. of Sheets) 19 (Cost) \$1.80; (Total) \$3.40.
3. X-S-S-J-Feeder, bet. Bacon Island Ferry and Mandeville Island Ferry; PLANS (No. of Sheets) 7; (Cost) \$1; CROSS-SECTIONS (No. of Sheets) 5; (Cost) \$0.50; (Total) \$1.50.

XI-S-D.-Feeder, bridge across the Sweetwater River bet. National City and Chula Vista. Bids to be opened in San Diego Jan. 7. PLANS (No. of Sheets) 4; (Cost) \$.60; No Cross-Sections; (Total) \$0.60.

Checks for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

X To be opened in Sacramento Jan. 5, 1938.

Y To be opened in Los Angeles Jan. 6, 1938. \* 29

#### CONTRACT AWARDED

**SAN FRANCISCO.**—T. O'Brien, at \$3,839, awarded contract by the San Francisco Dept. of Public Works, Room 100, City Hall, for the improvement of Innes Ave., between Hawes and Ingalls; of the crossing of Innes and Ingalls; and of Ingalls Street, between Innes and Jerrold Aves., by grading to official line and sub grade. Estimated cost, \$3,400. \* 29

#### BIDS WANTED

**ALAMEDA CO., Cal.**—Until Jan. 14, 2 p.m. bids will be received by the State Division of Highways, Col. Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for 4.1 miles grading and surfacing with plant-mixed surfacing on crushed run base between Mountain House and Contra Costa County Line, Alameda Co., Cal.

Work involves:

- (1) 525 M. gals. water;
- (2) 18,900 c.y. roadway excav., without classification;
- (3) 160 c.y. struc. excav.;
- (4) 9,000 sta. yds. overhaul;
- (5) 470,000 c.y. imported borrow;
- (6) 217 sta. finishing roadway;
- (7) 16,000 tons crusher run base;
- (8) 90 tons liq. asph., SC-1A, prime coat;
- (9) 5,000 tons mineral aggregate surfacing;
- (10) 260 tons liq. asph., MC-3 or MC-4 surfacing;
- (11) 450 lbs. bar reinf. steel;
- (12) 5 c.y. class A portland cement concrete struc.;
- (13) 182 lf. 12-in. CMP;
- (14) 10 lf. 24-in. std. reinf. concrete pipe;
- (15) 16 lf. 24-in. CMP, double riveted;
- (16) 10 lf. 36-in. std. reinf. concrete pipe;
- (17) 180 lf. 36-in. CMP, double riveted;
- (18) 50 lf. pipe culverts, remove, clean and relay.

Plans and specifications may be obtained from the above office. \* 29

**BIDS OPENED**

**SAN FRANCISCO.**—Pacific Payments Co. Ltd., 85 Barstow St., at \$1.00; (2) \$75; (3) \$33; (4) \$9.00. **total \$2190.75.** submitted only bid to the Dept. of Public Works, Room 251 City Hall, for the improvement of Sweeny St. between Rowland and Bowdoin (where not). Estimated cost \$1,200.00.

- Work involves:**  
 (1) 180 lf. 6-in. VCP side sewer;  
 (2) 263 lf. unarmored concrete curb;  
 (3) 5,250 sq. ft. asphalt concrete pavement, consisting of 4-in. asphalt concrete base and a 2-in. concrete wearing surface;  
 (4) 9 water services installed.

29

**CONTRACT AWARDED**

**PHOENIX, Maricopa Co., Arizona.**—Phoenix Stone Co., Phoenix, at \$34,992.65, awarded contract by the Phoenix City Commission for improvement of portions of 11th Ave and 13th Ave. in accordance with plans prepared by Jas. Grand, City Engineer.

**CONTRACT AWARDED**

**PHOENIX, Maricopa Co., Ariz.**—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$17,134.40, awarded contract by the Phoenix City Commission for the improvement of Madison and Fifth Sts., Phoenix, Ariz. \* 29

**LOW BIDDERS**

**SEQUOIA NATIONAL PARK, Cal.**—Square Oil Co., 916 Adobe St., Los Angeles, at \$0.75 per gallon submitted low bid to the Superintendent, Sequoia National Park, for delivering and spreading 250,000 gallons SC No. 2 Road Oil in Death Valley National Monument from Surveyors Wells to Grapevine Canyon, a length of 24 miles, and dead haul from Death Valley Junction, length of 57 miles. **Sequoia Oil Company, Lone Beach,** at \$0.4995 per gallon submitted second low bid. \* 29

**BIDS WANTED**

**HOOD RIVER, Ore.**—Until Jan. 6, 3-30 p.m., bids will be received by the U. S. Engineer Office, Bonneville, Oregon, under Bid No. 694-38-187, for the construction of an overhead railroad crossing and approach roads, road surfacing, a system of drainage, a pump-house, and miscellaneous concrete work at Hood River, Oregon.

- Work involves:**  
 (1) 3 acres clearing;  
 (2) 2140 cu. yd. uncl. excav.;  
 (3) 1000 cu. yd. uncl. borrow;  
 (4) 30 hours furnishing and operating 10-ton roller;  
 (5) 550 cu. excav., drainage system;  
 (6) 10 lf. 12-in. vit. clay or concrete sewer pipe, in place;  
 (7) 170 lf. 10-in. vit. clay or concrete sewer pipe, in place;  
 (8) 150 lf. 8-in. vit. clay or concrete sewer pipe, in place;  
 (9) 900 lf. 6-in. clay drain tile, in place;  
 (10) 300 cu. yd. rock surfacing 4 inch to 6 inch;  
 (11) 180 cu. yd. rock surfacing, 1 1/2 inch to 6 inch;  
 (12) 50 cu. tiller;  
 (13) 95 cu. Class A concrete, in pl.;  
 (14) 245 cu. Class B concrete, in pl.;  
 (15) 2300 lbs. reinf. steel, in place;  
 (16) 1526 lbs. electrically welded fabric, in place;  
 (17) 4 1/2 mile preparation of base;  
 (18) 290 cu. mineral aggregate, in pl.;  
 (19) 26 tons 97 road oil, in place;  
 (20) 17 tons of black asphalt, in place;  
 (21) 1225 cu. yd. of mat surface treatment, on trestle;  
 (22) 462 lf. wooden asphalt superstructure;  
 (23) 100 MFTM wooden trestle substructure.

- (24) 52,600 lbs. structural steel, in pl.;  
 (25) one job, miscellaneous ferrous metal, in place;  
 (26) one job painting;  
 (27) one job sluice gate, in place;  
 (28) one job transfer of posts.  
 Plans and specifications may be obtained at the office \* 29

**COMPLETE BIDS**

**PHOENIX, Maricopa Co., Ariz.**—Arizona Sand & Rock Co., Box 1522, Phoenix, at \$17,134.40, submitted low bid to the Phoenix City Commission for the improvement of Madison and Fifth Streets, Phoenix, Ariz.

- Work involves:**  
 (1) 8170 sq. yds. 5 1/2-in. cement concrete pavement with integral curb and thickened edges;  
 (2) 8170 sq. yd. grading;  
 (3) 270 sq. yds. 6-in. cement concrete pavement;  
 (4) 70 sq. yds. grading under 6-in. gutter curb;  
 (5) 1470 sq. yds. parkway grading;  
 (6) 7170 sq. ft. 1 1/2-in. cement concrete walk, 4-in. thick;  
 (7) 250 11 5/8-in. plain concrete pipe;  
 (8) 100 11 1/2-in. galv. conduit;  
 (9) 1 catch, gutter inlets;  
 (10) 1 catch, manhole;  
 (11) 1 catch, monument cover;  
 (12) 1 catch, street sign.

**Total bids follow:**  
 A. Arizo's Sand & Rock Co., Box 1522 Phoenix \$17,134.40  
 B. Oswald Bros., L. A. \$7,529.30  
 C. Daley Corp., San Diego \$9,016.70  
 D. Phoenix Temp Stone Co., Phoenix \$9,671.30  
 E. W. E. Hill Co. \$20,609.30  
 F. Lewis Bros. \$21,902.60

**Cost prices follow:**

	(A)	(B)	(C)	(D)	(E)	(F)
1	\$1.51	\$1.65	\$1.70	\$1.55	\$1.85	\$2.05
2	.28	.18	.20	.22	.28	.27
3	1.59	1.60	1.95	1.80	2.00	2.15
4	.27	.20	.21	.22	.28	.29
5	11	12	10	12	15	10
6	17	18	17	19	20	18
7	.60	.70	.65	.65	.75	.69
8	.15	.20	.09	.50	.75	.30
9	15.00	50.00	60.00	45.00	70.00	50.00
10	70.00	60.00	60.00	60.00	60.00	70.00
11	30.00	20.00	30.00	35.00	30.00	35.00
12	1.00	2.00	2.00	1.80	2.00	2.50

**CONTRACT AWARDED**

**SAN FRANCISCO.**—Phoenix Bros., 1731 Turk St., San Francisco, at \$495,000, awarded contract by the Department of Public Works, Room 251 City Hall, for removing 200 cu. yd. sand and rubble from 29th Ave. between south ends of Quintara St. and 29th St., south of Quintara St. between 29th and 30th Pds., San Francisco, Cal. \* 29

**CONTRACT AWARDED**

**OAKLAND, Cal.**—V. Dizzilo, 1622 7th St., Oakland, at \$1,325, (2) 27; (3) 25; (4) 21; (5) 22; (6) 20; awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, for repairing sidewalks in the City of Oakland.  
 Bids were taken on:  
 (1) 1 sq. ft.;  
 (2) 21 sq. ft.;  
 (3) 25 sq. ft.;  
 (4) 50 sq. ft.;  
 (5) 100 sq. ft.;  
 (6) 200 or over sq. ft. \* 29

**CONTRACT AWARDED**

**OAKLAND, Cal.**—V. Dizzilo, 1622 7th St., Oakland, at \$1,325, (2) 27; (3) 25; (4) 21; (5) 22; (6) 20; awarded contract by the Oakland City Council, W. W. Chappell, City Clerk, for repairing sidewalks in the City of Oakland.  
 Bids were taken on:  
 (1) 1 sq. ft.;  
 (2) 21 sq. ft.;  
 (3) 25 sq. ft.;  
 (4) 50 sq. ft.;  
 (5) 100 sq. ft.;  
 (6) 200 or over sq. ft. \* 29

**BIDS WANTED**

**ANAHEIM, Orange Co., Cal.**—Until Dec. 28, 8 p.m., bids will be received by the Anaheim City Council, Charles E. Griffith, City Clerk, for paving La Palma Ave. between Lemon and Palm Streets, involving furnishing, delivering, spreading and finishing 1300 tons plant-mixed surf, 3 inches thick. Bids will also be taken on an alternate of 800 tons premium, 3-inch hot bit mix, 2 in. thick, with seal coat. The subgrade has been prepared by the city ready for the pavement. Specifications may be obtained from E. P. Haggood, city engineer. Certified check or bond, 10%. \* 29

**BIDS WANTED**

**LOS ANGELES COUNTY, Calif.**—Until January 13, 2 P. M., bids will be received by the State Division of Highways, C. H. Parcell, State Highway Engineer, State Building, Los Angeles, for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad near Rindel Station and approaches, Los Angeles County.

- Work involves:**  
 (1) 21,870 cu. yd. emb. and grab;  
 (2) 150 21 galv. water;  
 (3) 40,000 cu. yd. excav., uncl. class;  
 (4) 1,650 cu. yd. excav., uncl.;  
 (5) 10,100 cu. yd. aggregate for pave;  
 (6) 21 7/8-in. dia. hng. rwy.;  
 (7) 11 tons hng. rwy. SC-2 (prime class);  
 (8) 130 tons liquid asphalt ROM-C4 or ROM-C5 (plant mix surf.);  
 (9) 250 ton material reg. (plant mix surf.);  
 (10) 245 cu. yd. Class A Portland cement concrete (1459);  
 (11) 2,750 cu. yd. cement dowels;  
 (12) 12,000 lbs. bar roof steel;  
 (13) 72 cu. yd. Class A Portland cement concrete;  
 (14) 15,000 lb. strip steel;  
 (15) 20,000 lb. wrought iron plate;  
 (16) 550 cu. yd. iron and steel;  
 (17) 100 lbs. steel rod assembly;  
 (18) 500 cu. yd. Class A Portland cement concrete (1459);  
 (19) 200 cu. yd. concrete curb and base;  
 (20) 100 cu. yd. concrete curb and base;  
 (21) 100 cu. yd. concrete curb and base;  
 (22) 100 cu. yd. concrete curb and base;  
 (23) 100 cu. yd. concrete curb and base;  
 (24) 100 cu. yd. concrete curb and base;  
 (25) 100 cu. yd. concrete curb and base;  
 (26) 100 cu. yd. concrete curb and base;  
 (27) 100 cu. yd. concrete curb and base;  
 (28) 100 cu. yd. concrete curb and base;  
 (29) 100 cu. yd. concrete curb and base;  
 (30) 100 cu. yd. concrete curb and base;

**Contractor's bid must include:**  
 (1) 100 cu. yd. concrete curb and base;  
 (2) 100 cu. yd. concrete curb and base;  
 (3) 100 cu. yd. concrete curb and base;  
 (4) 100 cu. yd. concrete curb and base;  
 (5) 100 cu. yd. concrete curb and base;  
 (6) 100 cu. yd. concrete curb and base;  
 (7) 100 cu. yd. concrete curb and base;  
 (8) 100 cu. yd. concrete curb and base;  
 (9) 100 cu. yd. concrete curb and base;  
 (10) 100 cu. yd. concrete curb and base;  
 (11) 100 cu. yd. concrete curb and base;  
 (12) 100 cu. yd. concrete curb and base;  
 (13) 100 cu. yd. concrete curb and base;  
 (14) 100 cu. yd. concrete curb and base;  
 (15) 100 cu. yd. concrete curb and base;  
 (16) 100 cu. yd. concrete curb and base;  
 (17) 100 cu. yd. concrete curb and base;  
 (18) 100 cu. yd. concrete curb and base;  
 (19) 100 cu. yd. concrete curb and base;  
 (20) 100 cu. yd. concrete curb and base;

**Contractor's bid must include:**  
 (1) 100 cu. yd. concrete curb and base;  
 (2) 100 cu. yd. concrete curb and base;  
 (3) 100 cu. yd. concrete curb and base;  
 (4) 100 cu. yd. concrete curb and base;  
 (5) 100 cu. yd. concrete curb and base;  
 (6) 100 cu. yd. concrete curb and base;  
 (7) 100 cu. yd. concrete curb and base;  
 (8) 100 cu. yd. concrete curb and base;  
 (9) 100 cu. yd. concrete curb and base;  
 (10) 100 cu. yd. concrete curb and base;  
 (11) 100 cu. yd. concrete curb and base;  
 (12) 100 cu. yd. concrete curb and base;  
 (13) 100 cu. yd. concrete curb and base;  
 (14) 100 cu. yd. concrete curb and base;  
 (15) 100 cu. yd. concrete curb and base;  
 (16) 100 cu. yd. concrete curb and base;  
 (17) 100 cu. yd. concrete curb and base;  
 (18) 100 cu. yd. concrete curb and base;  
 (19) 100 cu. yd. concrete curb and base;  
 (20) 100 cu. yd. concrete curb and base;

**Contractor's bid must include:**

1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100

**LOW BIDDERS**

**SAN FRANCISCO.**—Phoenix Bros., 1731 Turk St., San Francisco, at \$495,000, awarded contract by the Department of Public Works, Room 251 City Hall, for removing 200 cu. yd. sand and rubble from 29th Ave. between south ends of Quintara St. and 29th St., south of Quintara St. between 29th and 30th Pds., San Francisco, Cal. \* 29

\$69,621.37, submitted low bid to the Directors of the Dept. of Highways, Nevada Memorial Bldg., Carson City, Nevada, for the construction of a concrete and steel underpass and approaches on the State Highway 3 miles northeast of Jean, Rt. No. 6, Section B, Clark Co., Nev.

Three low bids follow:  
 1. A. Casson, 219 Warren Street, Hayward—\$69,621.37.  
 2. Olof Nelson, Logan, Utah—\$71,765.04.  
 3. Dodge Constr., Inc., Fallon, Nev.—\$72,432.65. \* 29

**BIDS OPENED**

**OAKLAND, Cal.**—Following submitted bids to the Oakland City Council, W. W. Chappell, City Clerk, City Hall, for repairing portions of San Pablo Ave., Oakland.

Bids were taken on:  
 (1) Existing concrete, per sq. yd.;  
 (2) Base repairs in place, per c.y.;  
 (3) Asphalt concrete in place, per ton.

Complete bids follow:  
 Ransome Co., Emeryville—(1) 27c, (2) \$20.50, (3) \$4.60.  
 Hanrahan Co., San Francisco—(1) 12c, (2) \$13.00, (3) \$5.50.

W. H. Larson, Oakland—(1) 25c, (2) \$15.00, (3) \$4.44.  
 Independent Constr. Co., Ltd., Oakland—(1) 30c, (2) \$18.50, (3) \$4.15.  
 Union Paving Co., San Francisco—(1) 30c, (2) \$15.00, (3) \$4.47. \* 29

**30—RESERVOIRS & DAMS**

**BIDS WANTED**

**SAN BENITO CO., Cal.**—Until Jan. 6, 2 p.m., bid. will be received by the Pacheco Pass Water District Board of Directors, Bank of America Bldg., Hollister, for stripping Pacheco Creek dam site and constructing a new road around the east rim of the reservoir site. Harold Wood, Supervising Field Engineer.

Work involves:  
 (1) 15,000 yd. stripping;  
 (2) 4,000 yd. outlet trench excav.;  
 (3) 300 cu. yd. concrete;  
 (4) 500 lb. 6-in. steel pipe;  
 (5) 4,000 lbs. reinforcement steel;  
 (6) 3,500 lbs. structural steel;  
 (7) 120 stn. roadway excav.;  
 (8) One engineer's field office;  
 (9) Premium on 50% survey, 100% performance bond.

Plans and specifications may be obtained from the above office and from Fred H. Tibbitts, Engineer, 1320 Alaska Commercial Bldg., San Francisco. \* 30

**BID CALL CANCELLED**

**SACRAMENTO, Cal.** The U. S. Engr. Office, 208 Post Office Bldg., Sacramento, cancelled the call for bids under Bid No. 1185-28-125, for enlarging and raising to grade approximately 4,000 feet of the existing north levee of Yankee Slough, located on the Western Pacific RR Bldg., cancelled for Dec. 21, 3 p.m. \* 30

**BIDS WANTED**

**SHAW'S LAKE, Calif.** The U. S. Engr. Office, 208 Post Office Bldg., Sacramento, cancelled the call for bids under Bid No. 1185-28-125, for enlarging and raising to grade approximately 4,000 feet of the existing north levee of Yankee Slough, located on the Western Pacific RR Bldg., cancelled for Dec. 21, 3 p.m. \* 30

pipe in addition to 3,000 ft. 8-inch transmission line, and miscellaneous items.

Plans and specifications may be obtained from Clarence Hickey, Engineer, Everett. \* 30

**PROSPECTIVE BIDDERS**

**COLUMBIA CO., Ore.**—The Olympia Dredging Co., 249 First St., San Francisco, have taken out plans for constructing and reconstructing levees, constructing tide boxes, pipe lines, rubble masonry, catchbasins,

drainage ditches and bank protection revetment in the Clatskanie area, consisting of a portion of Beaver Drainage Dist., Magruder Drainage District, Midland Drainage District, Marshland Drainage District, Webb District Improvement Company, Woodson Drainage Dist. and Westland District Improvement Co., Columbia County, for which bid will be received by the U. S. Engr. Office, Portland, Oregon, Dec. 30, 3 P. M., under Bid No. 698-33-25.

(Continued on Next Page)

**SAN DIEGO CO.—DISTRIBUTION SYSTEM—(DIST.)**

**LA MESA, San Diego Co., Cal.**—Marko Matick, 1269 Colorado Blvd., Los Angeles, at \$94,998.63 (Schedule 2), submitted low bid and was recommended for award by the La Mesa, Lemon Grove and Spring Valley Irrigation District for the construction of Unit No. 1, of the distribution system. Bids were taken on two proposals: Sch. 1, for the entire work; Sch. 2, for the work omitting service connections.

- The items are:  
 (1) 15,450 c.y. excav.;  
 (2) 14,694 c.y. backfill;  
 (3) 3,333 sq. ft. oil road surf.;  
 (4) 1,927 sq. ft. conc. or asphalt replacement;  
 (5) 3,121 ft. 12-in., class 250, C I pipe;  
 (6) 40 ft. 12-in., class 150, C I pipe;  
 (7) 856 ft. 8-in., class 250, C I pipe;  
 (8) 1,164 ft. 8-in., class 150, C I pipe;  
 (9) 10,257 ft. 6-in., class 250, C I pipe;  
 (10) 32,788 ft. 6-in., class 150, C I pipe;  
 (11) 7,041 ft. 4-in., class 250, C I pipe;  
 (12) 3,564 ft. 4-in., class 150, C I pipe;  
 (13) 52,139 lbs. misc. fittings;  
 (14) 4 12-in. gate valves;  
 (15) 10 8-in. gate valves;  
 (16) 50 6-in. gate valves;  
 (17) 85 4-in. gate valves;  
 (18) 170 ft. 6-in., class 150, C I pipe gate wells;  
 (19) 50 4-in., 2-way, C I fire hydrants;  
 (20) 1,332 c.y. excav. for service installation;  
 (21) 1,332 c.y. backfill for service pipe and connections;  
 (22) 1,993 sq. ft. oiled surf. for resurf. for service installations;  
 (23) 672 sq. ft. conc. or asphalt replacement;  
 (24) 12 c.y. conc. complete, in place;

- (25) 259 ¾-in. service connections;  
 (26) 6,056 ft. ¾-in. copper service pipe;  
 (27) 55 1-in. bronze service assemblies;  
 (28) 1,146 1-in. copper pipe in service connections;  
 (29) 25 2-in. bronze service connection assemblies;  
 (30) 449 ft. 2-in. copper pipe.
- Plans and specifications may be complete bids follow:  
 (A) Marko Matick; Sch. 1, \$103,372.22; Sch. 2, \$94,998.63.  
 (B) E. C. Nickel; Sch. 1, \$105,546.47; Sch. 2, \$100,239.02.  
 (C) Case Const. Co.; Sch. 1, \$108,530.07; Sch. 2, \$101,816.37.  
 (D) Gogo & Rados; Sch. 1, \$115,121.28; Sch. 2, \$106,181.53.  
 (E) J. L. Kruly; Sch. 1, \$115,401.95; Sch. 2, \$106,257.85.  
 (F) V. R. Dennis Const. Co.; Sch. 1, \$115,297.43; Sch. 2, \$108,836.63.  
 (G) Bebek & Brichk; Sch. 1, \$117,586.24; Sch. 2, \$110,004.47.  
 (H) J. J. Foster; Sch. 1, \$117,890.01; Sch. 2, \$111,220.65.  
 (I) Frank Doran, San Diego; Sch. 1, \$129,709.78; Sch. 2, \$120,158.88.  
 (J) E. E. Paul Ford; Sch. 1, \$129,864.84; Sch. 2, \$121,258.30.  
 (K) H. H. Peterson; Sch. 1, \$134,326.98; Sch. 2, \$125,895.44.  
 (L) F. F. Greenfield; Sch. 1, \$138,825.78; Sch. 2, \$123,520.68.
- The following submitted bids but the bids having been declared irregular, were not read: W. H. Kirkhead, Williams & Van Valkenburgh, Fred Weber and Shofner, Gordon & Hinman.
- The bids and recommendation were referred to the PWA officials until December 20.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
1	\$ 48	\$ 80	\$ 1.13	¢ 71	\$ 1.00	\$ 1.20	\$ 1.10	\$ 1.00	\$ 1.40	\$ 1.70	\$ 2.25	\$ 1.66	\$ 2.40
2	.20	.20	.10	.28	.30	.20	.31	.35	.20	.50	.30	.45	.28
3	.25	.15	.10	.18	.15	.05	.21	.10	.10	.50	.20	.05	.20
4	.50	.50	.30	.45	.60	.50	.40	.45	.38	.60	.40	.50	.50
5	2.60	2.57	2.92	3.00	2.70	3.00	2.85	2.60	2.70	2.64	2.97	2.54	
6	6.18	2.12	2.13	2.50	2.50	2.50	3.50	2.40	2.50	2.17	2.52	4.00	
7	1.20	1.45	1.27	1.58	1.58	1.70	1.55	1.55	1.60	1.48	1.76	1.40	
8	1.25	1.26	1.43	1.26	1.40	1.45	1.35	1.37	1.35	1.25	1.57	1.38	
9	1.00	1.00	1.09	1.06	1.10	1.00	1.00	1.16	1.10	.98	1.18	1.05	
10	.90	.90	.98	.98	.96	1.00	1.00	.90	1.05	1.00	.87	1.08	
11	.70	.72	.75	.70	.67	.75	.70	.75	.75	.68	.86	.731	
12	.65	.65	.67	.66	.67	.65	.63	.70	.65	.62	.80	.66	
13	.97	.97	.98	.98	.97	.95	.95	.96	.95	.95	1.08	.985	
14	95.00	110.00	108.35	150.00	106.00	115.00	137.10	100.00	100.00	80.85	115.00	113.50	
15	60.00	50.00	51.00	60.00	58.00	55.00	76.00	50.00	62.00	62.00	57.50	54.28	
16	30.00	30.00	33.00	40.00	36.00	35.00	48.40	35.00	35.00	42.80	38.00	37.30	
17	17.50	26.00	19.80	28.00	27.75	22.00	36.00	26.00	20.00	30.20	24.00	25.48	
18	1.00	1.00	1.00	.76	1.00	.75	1.25	1.70	1.20	.90	1.00	1.25	
19	48.00	70.00	51.00	60.00	53.50	55.00	65.00	60.00	55.00	80.00	59.50	57.92	
20	2.00	1.40	1.38	1.50	2.50	1.10	1.30	1.00	1.75	2.07	1.65	2.50	
21	.30	.30	.30	.32	.30	.30	.30	.30	.30	1.00	.35	.60	
22	.15	.10	.15	.15	.05	.21	.10	.10	.50	.20	.05	.28	
23	.54	.70	.48	.60	.50	.40	.55	.38	.60	.40	.50	.50	
24	10.20	15.00	13.00	23.00	20.00	10.00	18.00	10.00	25.00	25.00	13.00	10.00	
25	1.00	1.00	1.00	1.50	1.00	1.20	1.00	1.00	1.00	1.40	1.00	1.00	
26	.28	.28	.25	.38	.20	.27	.24	.24	.28	.25	.25	.25	
27	5.00	5.00	8.10	15.00	6.00	6.51	10.00	6.00	6.00	6.97	6.50	15.15	
28	.23	.23	.30	.22	.30	.23	.30	.23	.28	.29	.30	.28	
29	21.50	30.00	31.20	30.00	30.00	30.00	30.00	29.00	28.00	31.27	40.00	31.50	
30	.77	.65	.48	.60	.65	.61	.55	.70	.60	.57	.61	.632	

**TO INSTALL**

**QUINALT.** Grays Harbor Co., Wn.—Quinalt Light Company will install at \$50,000 power house and diversion dam near Ewells' falls on Ziegler creek, according to Major Fred Nichols, project superintendent. Consulting engineers are John Cunningham and W. S. Zedlback, Spalding Bldg., Portland.

Headway of nearly 900 feet will be attained between the power house and dam with 250-kilowatt generating unit, power line will service all Quinalt Valley. Branch line will be run west along Olympic Highway. Financed by REA loan. Frank Gillett is president of the company.

**SECTION A**

- (1) 184 acres clearing and grubbing;
- (2) 198 acres stripping;
- (3) 26,500 c.y. excav., inspection ditches for hydraulic suction dredge levees;
- (4) 37,900 c.y. excav., drainage ditch and canal;
- (5) 7500 lf. cleaning out Larson Slough (Beaver Dist.);
- (6) 780 c.y. excav. for tide boxes;
- (7) 3620 c.y. struc. excav. for tide boxes;
- (8) 4683 c.y. backfill for tide boxes;
- (9) 1 MFEM creosoted lumber, in place;
- (10) 0.17 MFEM untreated lumber, in place;
- (11) 1.82 MFEM untreated tongue & groove sheet piling, in place;
- (12) 210 lf. creosoted round piling, in place;
- (13) 1224 lf. untreated round piling, in place;
- (14) 4100 lf. 18-in. creosoted wood stave pipe, in place;
- (15) 54 lf. 36-in. corrug. iron pipe, in place;
- (16) 335.2 c.y. reinf. conc., in place;
- (17) 2 each, 18-in. diam. circular automatic drainage gates, in place;
- (18) 5 each, 5 ft. by 5 ft. square automatic drainage gates, in place;
- (19) 50 c.y. rubble masonry, in place;

**SECTION B**

- (20) 1,035,610 c.y. levee embankment, hydraulic suction dredge, in place;

**SECTION C**

- (21) 100,300 c.y. levee embankment, bucket dredge, in place;
- (22) 58,590 c.y. levee embankment, dragline, in place;
- (23) 40,760 c.y. levee embankment, truck haul, in place;
- (24) 55,512 c.y. mt. truck overhaul;
- (25) 12,900 c.y. fill, old borrow pit;
- (26) 32,000 c.y. removal of old levee;

**SECTION D**

- (27) 4 acres clearing for riprap;
- (28) 31,895 c.y. bank sloping;
- (29) 45,949 c.y. rock riprap revetment, in place.

Correction made on Item 16. Plans and specifications may be obtained from the above office upon deposit of \$5.00.

**LOW BIDDERS**

**PINE RIVER PROJECT,** Colo.—Martin Wunderlich Co., 219 E. High St., Jefferson City, Mo., at \$2,115,870, submitted low bid to the Bureau of Reclamation, John C. Page, Commissioner, Durango, Colo., under Spec. No. 705, for the construction of the Vallecito Dam, Pine River Project, Colorado.

Three low bids follow:  
Martin Wunderlich Co., 219 E. High St., Jefferson City—\$2,115,870.  
Shofner-Garbin & Humm, Los Angeles—\$2,179,555.  
S. J. Groves & Sons Company, Minneapolis—\$2,193,795.

**BIDS WANTED**

**COLUMBIA COUNTY,** Oregon—As previously reported, until December 17, 1930, bids will be received by the U. S. Engineer Office, Portland, Ore., under Bid No. 698-23-235, for continuing and reconstructing levees, constructing tide boxes, pipe line, rubble masonry catch basins, drainage ditches, and bank protection

revestment in the Clatskanie area, consisting of a portion of Beaver Drainage District, Magruder Drainage District, Millard Drainage District, Marshland Drainage District, Webb District Improvement Co., Woodson Drainage District, and Westland District Improvement Co., Columbia Co., Oregon.  
Work involves:

**SAN FRANCISCO—Construction of Parking Lanes—(City.)**

**SAN FRANCISCO** The Lowrie Parking Co., Inc. 1540 16th St., San Francisco, at \$4,310,550 submitted low bid to Dept. of Public Works, Room 50, City Hall under Spec. No. 1993, for construction of concrete parking lanes on the north side of Market Street between Grant Avenue and Leavenworth St., and on the south side between Sixth and Seventh Sts. Estimated cost, \$15,820,000.

**Work involves:**

- (1) 750 sq. ft. remove existing pavement consisting of concrete, bitum. blocks, and on asphaltic concrete base and asphalt wearing surface.
- (2) 120 sq. ft. remove existing asphaltic concrete wearing surface.
- (3) 10,500 sq. ft. 8-in. 5-sack Class B concrete curb lanes, using high early strength cement.
- (4) 6 brick catchbasins, complete.
- (5) 1 brick catchbasin relocated and reconstructed.
- (6) 270 lf. 10-inch VCP culvert, in place;

- (7) 310 lf. new granite curb, tangent, in place (6-inch);
  - (8) 10 lf. new granite curb, circular, in place (6-inch);
  - (9) 1150 square feet stone curb re-dressed;
  - (10) 1000 lf. stone curb reset, various widths;
  - (11) 3800 sq. ft. two-course concrete sidewalk;
  - (12) 250 tons asphaltic concrete conform pavement;
  - (13) One electric traffic signal relocated (vehicular);
  - (14) One electric traffic signal relocated (pedestrian).
- Total bids follow:  
(A) The Lowrie Parking Co., Inc., 1540 16th St., \$4,310,550  
(B) A. G. Rausch, \$4,290,500  
(C) M. J. Lynch, \$15,372,000  
(D) Le. Epp, \$15,670,000  
(E) E. J. Tracy, \$16,615,000  
(F) The Fay Improvement Co., \$17,043,300  
(G) Estlin & Smith, \$18,930,500  
(H) Chas. L. Hanney, \$23,296,500.

**Unit prices follow:**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
84.25	\$6.00	\$1.00	\$7.00	4.00	4.00	4.00	85.50	\$6.65
28	257	33	335	35	35	35	35	35
90.00	70.00	126.00	140.00	125.00	90.00	50.00	37.00	70.00
1.50	2.00	5.95	5.60	5.60	2.25	1.25	2.20	2.10
2.75	2.00	4.00	3.20	7.00	75	8.00	75	1.40
1.25	25	53	42	1.40	1.50	12	20	21
6.50	6.00	6.40	6.30	9.00	75.00	62.50	60.00	70.00
75.00	62.50	60.00	70.00	84.00	75.00	62.50	30.00	35.00
81.00								

**DINUBA HIGH SCHOOL, TULARE CO., CALIF.**

**HIGH SCHOOL**

**DINUBA** Tulare Co., Cal. Magnolia and College Avenues

Two-story reinforced concrete high school, consisting of 12 class-rooms, study hall, office, rest rooms, store room, bath and corridors, and boiler room. Total ground area, 25,500 square feet; total floor area, 23,140 sq. ft. Reinforced concrete walls, exterior and interior; steel roof trusses and 16-in. masonry masonry walls. 1000 sq. ft. corrug. iron roof, exterior walls and ceilings will be finished plaster on metal lath, painted with a washable wall paint, and equipped with heating system. High school building, former school building, to be removed.

Destroyed by fire May 29. Owner, Dinuba Joint Union High School District.

Architect, Ernest J. Kump, Rowell Bldg., Fresno.

Low Bidder, Richmond Constr. Co., P. O. Box 52, Fresno—\$198,700.

Recommendation of award to low bidder at \$216,250 based on inclusion of Alternates 2 to 15.

Complete bid follow:  
(A) Richmond Constr. Co., P. O. Box 52, Fresno—\$198,700

(B) T. W. Bell-Shields & Fisher, Fresno—\$215,643

(C) W. J. Ochs, Fresno—\$203,397

(D) Emulsion & Swinerton, Inc., San Francisco—\$250,987

(E) Wolf Const. Co., Ltd., San Francisco—\$229,734

**Alternate bids follow:**

	(A)	(B)	(C)	(D)	(E)
198,700	\$198,700	\$215,643	\$203,397	\$250,987	\$229,734
737	737	614	614	600	900
1111	1111	554	550	475	510
376	376	376	376	325	359
1,225	1,225	1,225	1,200	1,300	1,254
2,698	2,698	2,698	2,577	2,500	4,586
2,828	2,828	2,828	2,825	2,800	3,724
2,828	2,828	2,828	2,828	2,800	1,379
2,828	2,828	2,828	2,828	2,828	320
2,828	2,828	2,828	2,828	2,828	452
2,828	2,828	2,828	2,828	2,828	913
2,828	2,828	2,828	2,828	2,828	1,307
2,828	2,828	2,828	2,828	2,828	396
2,828	2,828	2,828	2,828	2,828	2,000
2,828	2,828	2,828	2,828	2,828	1,547

## 31—PIPE LINES &amp; WELLS

## LOW BIDDERS

HONOLULU, T. H.—E. E. Black, Honolulu, at \$175,615, submitted low bid to the Board of Harbor Commissioners of the Territory of Hawaii, Louis S. Cain, Chairman, Honolulu, for the construction of the Harbor oil line running along the waterfront to the storage tank to deliver oil for shipping. Work involves one mile of concrete trench with continuous covers, carrying two 10-inch lines, one 8-inch and one 6-inch.

Walker & Oland, Honolulu, at \$189,183, submitted second low bid. \* 31

## CONTRACT AWARDED

SAN FRANCISCO—W. J. Tobin, 3701 Balfour Ave., Oakland, at \$4,870 was awarded contract by the San Francisco Bay Exposition Co., 555 Bush St., San Francisco, for the construction of a 20-inch water main and appurtenances on the Causeway between Yerba Buena Island and the Exposition site. \* 31

## BIDS WANTED

LONG BEACH, Los Angeles Co., Calif.—Until Jan. 4, 11 a. m., bids will be received by the Long Beach City Council, E. L. MacDonald, City Clerk, for the improvement of Adriatic Ave. and a portion of Wardlow Road, between Arlington St. and an existing water main in Wardlow Road, and portions of Baltic Ave., Denver Ave., Santa Fe Ave. and Arlington St., under 1911 Act, involving cast iron water mains, fittings, cast iron service laterals, fire hydrants with necessary grading. Spec. R-933.

- The work involves:
- (1) 2 1/2 14 8-in. cast iron pipe;
  - (2) 5672 lb. 6-in. same;
  - (3) one 12x12x8-in. split tee;
  - (4) three 12x12x6-in. same;
  - (5) one 8x8x8-in. cross;
  - (6) three 8x8x6-in. crosses;
  - (7) two 8x8x5-in. tees;
  - (8) 14 8x8x5-in. tees;
  - (9) 11 only, 6x6x6-in. tees;
  - (10) 1 2x6-in. reducers;
  - (11) two 8-in. C I plugs;
  - (12) five 6-in. same;
  - (13) six 8-in. hub and gate valves;
  - (14) 13 only, 6-in. same;
  - (15) 19 only, 8-in. heavy gate box and hd.
  - (16) 15 1/4 fire hydrant assemblies;
  - (17) four only, 2-in. C I type A laterals;
  - (18) 65 only, 2-in. C I type B laterals. \* 31

## BIDS WANTED

YERBA BUENA ISLAND, Calif.—Until December 30, 3 00 P. M., bids will be received by the San Francisco Bay Exposition Co., 555 Bush Street, San Francisco, under Contract No. 115 for the construction of a gas distributing system on Yerba Buena Island.

Plans and specifications may be obtained from the above office. \* 31

## 32—SEWERS &amp; SEWAGE DISPOSAL PLANTS

## BIDS WANTED

SAN MATEO, Cal.—Until Dec. 27, 5 p. m., bids will be received by the San Mateo City Council, City Clerk, City Hall, 111 S. E. construction of 28,000 sq. ft. concrete building, between Poplar & Grand and Mt. Diablo, San Mateo, Cal.

- Work involves:
- (1) 6-in. 24-ft. VCP sewer;
  - (2) 3 1/2-in. 15-in. VCP sewer;
  - (3) 1 1/2-in. 6-in. 15-in. and clay sewer.

Plans and specifications obtainable from the above office. \* 32

## CONTRACT AWARDED

BELLINGHAM, Whatcom Co., Wn.—C. V. Wilder, Blaine, at \$82,810.00 was awarded contract by the City of Bellingham for the Eureka Sewer Project, serving an area of about 1466 acres. PWA Docket 1406. \* 32

## CORRECTION

SAN MATEO, San Mateo Co., Cal.—The San Mateo city council will open bids December 27 at 8 P. M. for construction of sewers on Bayshore Blvd. between Poplar Ave. and Mt. Diablo, San Mateo. The council is rejecting the bids this week, and postponed the opening date, but is not legally able to receive additional proposals, according to City Manager W. D. Soule. The bids to be opened Dec. 27, therefore, will be only those received at the council meeting Dec. 20. It previously was reported, incorrectly, that the date of receiving bids had been postponed. \* 22

## COWLITZ CO., WASH.—Diking Improvement—(Govt.)

COWLITZ CO., Wash.—Columbia Contract Co., 44 SE Salmon, Portland, at \$222,594, submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-28-193, for clearing, bank sloping, riprap revetment, replacing existing riprap, construction of toe piling, removal of a pile dike and rock reef in Lewis River, Diking Improvement Districts Nos. 5 and 11, Cowlitz County, Wash. Estimated cost, \$290,130.79.

- Work involves:
- (A) Diking Improvement Dist. No. 5 Columbia River Basin:
    - (1) one acre clearing for riprap;
    - (2) 18,672 c.y. bank sloping;
    - (3) 28,410 c.y. rock riprap revetment in place;
    - (4) 1,952 c.y. replacing existing rock riprap;
    - (5) 500 lf. toe piling, in place.
  - (B) Diking Improvement Dist. No. 11, Lewis River Basin:
    - (6) 9 acres clearing for riprap;

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$200.00	\$150.00	\$200.00	\$100.00	\$300.00	\$100.00	\$200.00	\$500.00
(2)		25	50	50	25	150	100	50
(3)		2.53	2.50	2.57	2.60	2.40	3.00	3.45
(4)		1.25	1.00	1.00	1.50	2.00	2.00	2.00
(5)		6.00	6.00	5.00	5.00	.80	8.00	4.00
(6)		200.00	100.00	150.00	300.00	300.00	100.00	200.00
(7)		25	100	50	125	150	100	50
(8)		2.53	2.50	2.77	2.60	2.40	3.00	3.45
(9)		1.25	1.00	1.00	1.50	2.00	2.00	2.00
(10)		2.00	4.44	4.00	4.00	10.00	3.00	3.00
(11)		1.50	1.50	1.50	4.00	5.00	3.00	6.50

## SAN FRANCISCO—Improve Laguna Honda Blvd.—(City)

SAN FRANCISCO, Calif.—Chas. L. Harney, 443 Call Bldg., San Francisco, at \$55,691.30, submitted low bid to the Dept. of Public Works, Room 251, City Hall, under Spec. No. 19052 for the improvement of Laguna Honda Boulevard (7th Avenue), from Laxton Street to Plaza. Estimated cost, \$64,000.

- Work involves:
- (1) 177,000 sq. ft. asphalt conc. pave.
  - (2) concrete markers;
  - (3) 10,000 lf. 3-lite concrete curb (unimounted);
  - (4) 250 lf. 6-in. VCP side sewer;
  - (5) 62 8-in.-x-8-in. Y or T broaches;
  - (6) 2,400 lf. 8-in. VCP sewer;
  - (7) 22 lf. 15-in. VCP sewer;
  - (8) 3,000 sq. ft. asphalt mac. pavement

## 33— WATER WORKS

December 20, 1937.  
YERBA BUENA ISLAND, Calif.—Until January 3rd, 3 00 P. M., bids will be received by the San Francisco Bay Exposition Co., 585 Bush Street, San Francisco, under Contract No. 126 for the construction of a Navy water supply.

Plans and specifications may be obtained from the above office. \* 33

## BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 4, 2 P. M., bids will be received by the Los Angeles County Supervisors for reinforcement of the elevated water tank tower at the Dairy at Rancho Los Amigos, Spec. 428. Work involves structural steel, including the bracing rods, plates, etc.; concrete footings, painting. R. E. Shoner, County Mechanical Engineer. \* 33

(Continued on Next Page)

- (7) 2,356 c.y. bank sloping;
- (8) 53,158 c.y. rock riprap revetment in place;
- (9) 400 c.y. replacing existing rock riprap;
- (10) 450 lf. removal of pile dike;
- (11) 1,520 c.y. removal of rock reef.

- Total bids follow:
- (A) Columbia Contract Co., 44 SE Salmon, Portland—\$222,594.01.
  - (B) J. A. Terteling & Sons, Boise—\$225,994.
  - (C) Harold Blake, Portland—\$240,957.39.
  - (D) Leonard & Slate, Multnomah—\$254,619.80.
  - (E) The Mirene Co., Portland—\$267,472.40.
  - (F) Rohl-Connelly Co., Los Angeles—\$280,746.
  - (G) Parker-Schram Co., Portland—\$306,237.60.
  - (H) Morrison-Knudsen Co., Inc., Boise—\$331,490.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	\$100.00	\$300.00	\$100.00	\$200.00	\$500.00	\$100.00	\$200.00	\$500.00
(2)		25	50	50	25	150	100	50
(3)		2.53	2.50	2.57	2.60	2.40	3.00	3.45
(4)		1.25	1.00	1.00	1.50	2.00	2.00	2.00
(5)		6.00	6.00	5.00	5.00	.80	8.00	4.00
(6)		200.00	100.00	150.00	300.00	300.00	100.00	200.00
(7)		25	100	50	125	150	100	50
(8)		2.53	2.50	2.77	2.60	2.40	3.00	3.45
(9)		1.25	1.00	1.00	1.50	2.00	2.00	2.00
(10)		2.00	4.44	4.00	4.00	10.00	3.00	3.00
(11)		1.50	1.50	1.50	4.00	5.00	3.00	6.50

- (2-in. and 8-in.);
- (8) 6,300 lf. 4-in. white traffic stripes;
- (9) 900 c.y. excav.
- (10) 13 brick manholes;
- (11) one catchbasin (reset).

- Total bids follow:
- (A) Chas. L. Harney, 443 Call Bldg., San Francisco—\$55,691.30.
  - (B) The Fay Improvement Co.—\$55,783.39.
  - (C) A. G. Raich—\$55,951.10.
  - (D) Pacific States Construction Co.—\$56,667.00.
  - (E) Eaton & Smith—\$61,261.56.
  - (F) The Lowrie Paving Co., Inc.—\$61,518.00.
  - (G) Pacific Pavements Co., Ltd.—\$66,653.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	\$ 0.26	\$ 0.267	\$ 0.27	\$ 0.2725	\$ 0.288	\$ 0.30	\$ 0.33
(2)	.76	.83	.80	.64	.50	.65	.52
(3)	.82	.90	.60	.75	.85	.80	.80
(4)	1.00	1.25	1.00	2.00	1.15	2.00	1.00
(5)	1.00	1.20	1.18	1.00	1.13	.95	1.45
(6)	3.40	2.93	2.30	2.50	5.60	3.00	2.00
(7)	.114	.109	.08	.125	.12	.14	.10
(8)	.03	.022	.01	.015	.01	.02	.03
(9)	1.00	.61	.50	.75	1.13	.40	.20
(10)	110.00	100.00	100.00	80.00	80.00	100.00	100.00
(11)	70.00	10.00	60.00	55.00	80.00	50.00	.20

**NEVADA & SIERRA COUNTIES—Grading & Surf.—(State)**

NEVADA AND SIERRA COS., Cal.—Union Paving Co., 212 Babcock Bldg., San Francisco, at \$182,337, submitted low bid to the State Division of Highways, C. H. Purcell, State Highway Engineer, Public Works Building, Sacramento, for grading and surfacing with plant-mixed surfacing on crusher run base 6.8 mi. between Hirschdale and the Nevada State Line.

- Work involves:
- (1) Clearing and grubbing;
- (2) 4,000 M. gals. water;
- (3) 127,000 c.y. roadway excavation, without classification;
- (4) 2,200 c.y. struc. excav.;
- (5) 800 c.y. ditch and channel excavation;
- (6) 535,000 sta. yds. overhaul;
- (7) 50 c.y. exist. rubble masonry strucs. removed and disposed of;
- (8) 360 sta. finishing roadway;
- (9) 8,000 c.y. salvaged surf.;
- (10) 25,500 tons crusher run base;
- (11) 132 tons liq. asph., SC-2, prime coat;
- (12) 550 tons sand, prime coat;
- (13) 20,800 tons min. aggreg. plant-mix surf.;
- (14) 1,180 tons liq. asph., ROMC-3, ROMC-4 or ROMC-5, plant-mix surf.;
- (15) 89 tons liq. asph., ROMC-5, ROMC-4 or ROMC-5, seal coat;
- (16) 810 tons stone screenings, seal coat;
- (17) 2,600 lbs. bar reinf. steel;
- (18) 44 c.y. class A portland cement conc. strucs.;
- (19) 15 c.y. class A portland cement

- conc. gutters;
  - (20) 410 c.y. rubble masonry;
  - (21) 140 c.y. dry rubble;
  - (22) 750 lf. masonry parapet;
  - (23) 90 lf. 8-in. CMP;
  - (24) 45 lf. 12-in. CMP;
  - (25) 520 lf. 18-in. CMP;
  - (26) 260 lf. 24-in. CMP;
  - (27) 20 lf. 30-in. CMP;
  - (28) 170 lf. 36-in. CMP;
  - (29) 1,240 lf. 8-in. perf. metal pipe underdrains;
  - (30) 270 c.y. rock filling matl.;
  - (31) 70 lf. exist. CMP removed, cleaned and relaid;
  - (32) 40 lf. exist. CMP removed, cleaned and salvaged;
  - (33) 4 each. spillway assemblies;
  - (34) 160 lf. laminated guard railing;
  - (35) 200 lf. special guard railing;
  - (36) 3,750 lf. existing guard railing moved and reset;
  - (37) 80 each. culvert markers;
  - (38) 135 each. guide posts;
  - (39) 75 each. culvert markers and guide posts removed and reset;
  - (40) 160 each. monuments.
- Total bids follow:
- (A) Union Paving Co., 212 Babcock Bldg., San Francisco—\$182,337.
  - (B) A. Tenchert & Son, Inc., Sacramento—\$216,341.
  - (C) Paulos & McEwen, Smith River—\$236,508.
  - (D) Hemstreet & Bell, Marysville—\$252,072.
  - (E) Frederickson & Westbrook, Lower Lake—\$283,721.20.
  - (F) Isabel Construction Co., Reno, Nevada—\$303,749.58.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	\$1500.00	\$5000.00	\$2900.00	\$3600.00	\$2900.00	\$5400.00
(2)	1.35	1.00	1.00	1.50	1.10	2.00
(3)	4.2	.48	.78	.78	.98	.90
(4)	1.50	2.00	2.00	2.00	2.00	2.50
(5)	1.50	1.25	1.50	1.25	1.75	1.50
(6)	.005	.005	.003	.0075	.01	.015
(7)	2.00	2.50	1.60	2.50	4.00	1.50
(8)	6.00	5.00	3.00	5.00	7.00	10.00
(9)	.50	.90	.40	.75	.50	.65
(10)	1.25	1.20	1.15	1.55	1.46	1.68
(11)	18.00	22.50	20.00	21.00	17.00	20.00
(12)	2.60	3.50	2.50	2.50	2.25	3.00
(13)	1.35	1.80	1.90	1.85	1.90	2.50
(14)	19.00	22.50	21.00	21.00	21.00	22.00
(15)	20.00	28.00	20.00	26.00	22.00	25.00
(16)	2.00	3.50	2.00	3.60	3.70	4.00
(17)	.19	.10	.07	.08	.07	.10
(18)	30.00	37.50	40.00	40.00	35.00	30.00
(19)	25.00	25.00	30.00	30.00	30.00	30.00
(20)	16.50	15.00	11.00	10.00	11.00	16.00
(21)	6.00	10.00	8.00	4.00	7.00	8.00
(22)	2.00	3.50	1.50	2.50	2.50	6.00
(23)	1.25	1.25	1.00	1.30	1.20	1.25
(24)	2.00	2.00	1.50	1.50	1.70	2.00
(25)	2.25	2.50	1.75	1.90	2.00	2.50
(26)	3.25	3.50	2.70	3.00	3.00	3.25
(27)	4.50	6.00	3.75	4.00	4.00	4.50
(28)	6.00	6.50	5.50	5.75	5.50	7.00
(29)	1.10	1.25	1.00	1.10	1.15	1.10
(30)	2.00	4.50	2.00	1.50	3.50	2.50
(31)	1.00	1.00	1.00	1.00	1.15	1.00
(32)	1.00	.80	1.00	1.00	1.00	1.00
(33)	20.00	20.00	15.00	20.00	15.00	20.00
(34)	1.25	1.25	1.25	1.00	1.50	1.50
(35)	2.50	2.25	1.50	2.50	2.00	2.00
(36)	.75	.75	.80	.75	.70	.75
(37)	3.00	3.00	3.00	2.70	3.00	3.00
(38)	2.75	3.00	3.00	2.70	2.90	2.70
(39)	1.25	2.00	2.00	1.00	1.20	1.00
(40)	3.00	4.00	3.00	3.00	2.90	3.00

**CONTRACT AWARDED**

ONTARIO, Malheur Co., Oregon—Jesse T. Laker, Ontario, at \$61,729.91, awarded contract by E. F. Ryan, Director, WPA, District #1183, for the construction of a pump house and intake and furnishing and installing pump and electric motor, construction of a reinforced concrete reservoir tank and distribution pipe line, the hydrants, etc. 33

December 20, 1937

**APPLICATIONS FILED**

SACRAMENTO, Cal.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during November, 1937:

9167 (Los Angeles Co.)—William H. Patton, Venice, Cal., for .001 cfs, 1.3 acre-foot per annum, from Oak Spring tributary to Santa Clara River, to be diverted for irrigation and domestic purposes on 10 acres. Estimated cost, \$200.

9168 (Madison Co.)—Ole Michael and Estelle A. Goth, Oakhurst, Cal., for 5 cfs from Lewis Creek tributary to Fresno River, to be diverted for irrigation purposes on 14 acres.

9169 (Sacramento County)—Horace D. Tamm, Walnut Grove, Cal., for 1.2 cfs from Sacramento River, to be diverted for irrigation purposes on 98 acres.

9170 (San Joaquin County)—California Lands, Inc., Stockton, Cal., for 197 cfs from Burns cut-off tributary to San Joaquin River, to be diverted for irrigation purposes on 358 acres. Estimated cost, \$7,000.

9171 (Del Norte County)—Forrest T. Dunham, Crescent City, Cal., for .20 cfs from Elk Creek tributary to Illinois River, to be diverted for other purposes, 27 theoretical hp to be developed. Estimated cost, \$500.

9172 (Trinity Co.)—U. S. Trinity National Forestry, Weaverville, Cal., for 25,000 cfs from Grays Creek tributary to Trinity River, to be diverted for domestic purposes. Estimated cost, \$1000.

9173 (Trinity Co.)—Minerva Brooks and Ruth White-Lewis, Hyampson, Cal., for 1 cfs from Hayfork River tributary to Trinity River, to be diverted for domestic and irrigation purposes on 25 acres. Estimated cost, \$1000.

9174 (Placer Co.)—George M. and Charles L. Spahn, Polson, Cal., for 1 cfs from Lash Creek tributary to Dry Creek, to be diverted for irrigation purposes on 22 acres.

9175 (Humboldt Co.)—U. S. Trinity National Forestry, Weaverville, Calif., for 2,000 cfs from Bee Tree Creek tributary to Grays Creek tributary to Trinity River, to be diverted for other purposes.

9176 (Trinity Co.)—Andrew J. Gaudin, Weaverville, Cal., for 1.75 cfs from Grays Creek tributary to Trinity River, to be diverted for domestic purposes on 20 acres. Estimated cost, \$1000.

9177 (Humboldt Co.)—H. C. Gaudin, Weaverville, Cal., for 1.75 cfs from Grays Creek tributary to Trinity River, to be diverted for domestic purposes on 20 acres. Estimated cost, \$1000.

9178 (Humboldt Co.)—Montehey & Gaudin, Weaverville, Cal., for 1.75 cfs from Grays Creek tributary to Trinity River, to be diverted for domestic purposes on 20 acres. Estimated cost, \$1000.

9179 (Humboldt Co.)—Montehey & Gaudin, Weaverville, Cal., for 1.75 cfs from Grays Creek tributary to Trinity River, to be diverted for domestic purposes on 20 acres. Estimated cost, \$1000.

Fork Indian Creek; to be diverted for mining and domestic purposes.

9181 Sierra Pac. Power Co., Reno, Nev., for 17,500 acre-feet per annum from Independence Lake tributary to Truckee River; to be diverted for power purposes; 7415 hp. to be developed. Estimated cost, \$40,000.

9182 (San Joaquin Co.)—Firemans Fund Insurance Co., San Francisco, Cal., for 14.14 cfs from San Joaquin River; to be diverted for irrigation purposes on 1131 acres.

9183 (San Joaquin Co.)—Firemans Fund Insurance Co., San Francisco, Cal., for 4.08 cfs from San Joaquin River; to be diverted for irrigation purposes on 326.3 acres.

9184 (Riverside Co.)—R. S. Bliss, Coachella, Cal., for 5 cfs from Mission Creek tributary to Coachella Valley Storm Water Drain; to be diverted for irrigation and domestic purposes on 40 acres. Estimated cost, \$100.

9185 (Amador Co.)—Sierra Mountain Water Co., Stockton, Cal., for 300,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River; to be diverted for power purposes, 13,840 hp. to be developed.

9186 (Amador Co.)—Sierra Mountain Water Co., Stockton, Cal., 300,000 acre-feet per annum from Cosumnes River tributary to Mokelumne River; to be diverted for municipal purposes.

9187 (Sierra Co.)—Elon P. Close, San Francisco, Cal., for 30 cfs from Brush Creek tributary to Oregon Creek; to be diverted for mining and domestic purposes. Estimated cost, \$500.

9188 (Trinity Co.)—M. H. MacLewane, Carrville, Cal., for 12½ cfs from Buckeye Creek tributary to Trinity River; to be diverted for mining and domestic purposes. Estimated cost, \$350.

9189 (El Dorado Co.)—U. S. Eldorado National Forest, Placerville, Cal., for 800 gals. per day from a spring tributary to South Fork of American River; to be diverted for domestic purposes. Estimated cost, \$100.

9190 (Shasta Co.)—Eva Freed, Redding, Cal., for 2 cfs from Flat Creek tributary to Clear Creek; to be diverted for mining and domestic purposes.

9191 (Humboldt County)—Andrew Jackson Taylor, Arcata, Cal., for 0.3 cfs from Fishes Mill Creek tributary to Mad River; to be diverted for domestic purposes.

9192 (Del Norte Co.)—George N. Campbell, Crescent City, Cal., for 3 cfs from Hayden Creek tributary to Hurdy Gurdy Creek; to be diverted for mining purposes.

9193 (Inyo Co.)—Roy C. Troeger, 972 4th Ave., Los Angeles, Cal., for 5 cfs from Jaul, Birch and Tubor Spgs. tributary to Dry Gulches; to be diverted for mining and domestic purposes.

EDWARD HYATT,  
State Engineer

December 20, 1937

#### PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water to be used by the Department of Public Works, Division of Water Resources, during the month of November, 1937:

5026, App. 8909 (Riverside Orange and San Bernardino Counties)—Issued to Anaheim Union Water Co., Anaheim, Cal., Nov. 1, 1937, for a total of 14 cfs at 200-acre-feet per annum by storage from (1) Mill Creek, (2) Chino Creek, (3) Santa Ana River; for use for domestic purposes and irrigation of 8000 acres.

Estimated cost, \$56,000.

5027 (App. 8900 (Riverside, Orange and San Bernardino Counties)—Issued to Santa Ana Valley Irrigation Co., Orange, Cal., Nov. 1, 1937, for a total of 14 cfs and 2500 acre-feet per annum by storage from (1) Mill Creek, (2) Chino Creek, (3) Santa Ana River; for use for domestic purposes and irrigation of 16,500 acres.

Estimated cost, \$56,000.

5028, App. 8990 (Plumas Co.)—Issued to U. S. Plumas National Forest, Quincy, Cal., Nov. 1, 1937, for 0.015 cfs from an unnamed creek; for use for recreational purposes.

5029, App. 8991 (Plumas Co.)—Issued to U. S. Plumas National Forest, Quincy, Cal., Nov. 1, 1937, for 0.015 cfs from an unnamed spring; for recreational purposes.

5030, App. 8749 (Butte Co.)—Issued to Mrs. Daisy Selig, San Francisco, Cal., Nov. 5, 1937, for 16,000 gals. per day from Mountain House Creek; for use for domestic purposes. Estimated cost, \$100.

5031, App. 8997 (Shasta Co.)—Issued to Neil L. Jones, Shasta, Calif., Nov. 5, 1937, for 0.25 cfs from Town Creek; for domestic purposes and irrigation of 0.75 acre. Estimated cost, \$15.

5032, App. 9008 (Trinity Co.)—Issued to L. M. Kippely and James Lee, Alameda, Cal., Nov. 5, 1937, for 3 cfs from Ripple Creek; for domestic and irrigation purposes. Estimated cost, \$1200.

5033, App. 9015 (San Bernardino Co.)—Issued to John Prato, Sylvia Prato and Thomas Prato, Etiwanda, Cal., Nov. 5, 1937, for 55 gals. per minute from Old Crystal Spring; for mining and domestic purposes. Estimated cost, \$1000.

5034, App. 9055 (Riverside Co.)—Issued to Harry F. Rasner, Long Beach, Cal., Nov. 5, 1937, for 6500 gals. per day from Bicknell Spring; for domestic purposes.

5035, App. 9014 (Shasta Co.)—Issued to Vera Mines Corp., Santa Barbara, Cal., Nov. 5, 1937, for (1) 2.5 and (2) 0.2, total 2.7 cfs from (1) Squaw Creek and (2) unnamed tributary; for mining purposes. Estimated cost, \$3500.

5036, App. 9107 (Siskiyou Co.)—Issued to U. S. Klamath National Forest, Yreka, Cal., Nov. 5, 1937, for 0.25 cfs from Louie Creek; for recreational purposes. Estimated cost, \$300.

5037, App. 8953 (San Diego Co.)—Issued to John G. Doerrer, Fallbrook, Cal., Nov. 8, 1937, for one acre-foot per annum by storage from Robler Creek; for domestic purposes and irrigation of one acre.

5038, App. 8070 (Placer Co.)—Issued to Lost Camp Mining Co., Sacramento, Cal., Nov. 16, 1937, for (1) 20 (2) 30 (3) 10, (4) 35, (5) 30, (6) 10, (7) 25 and (8) 20 cfs, with total not to exceed 90 cfs, from (1) East Fork Monumental Creek, (2) Monumental Creek, (3) Onion Valley Cr., (4) North Branch North Fork North Fork American River, (5) unnamed stream, (6) Fulda Creek, (7) Beaver Creek, and (8) Texas Creek; for mining purposes. Estimated cost, \$24,683.50.

5039, App. 9012 (Monterey Co.)—Issued to Division of Parks, San Francisco, Cal., Nov. 16, 1937, for 35,800 200s. per day from Pfeiffer Creek; for domestic purposes and irrigation of 1000 U. S. E. acre-feet cost, \$5000.

5040, App. 9054 (San Diego Co.)—Issued to Andrew Green, Somes Bar, Cal., Nov. 16, 1937, for 20 cubic feet per second from Chapo Creek; for irrigation and domestic purposes. Estimated cost, \$5000.

5041, App. 9017 (Siskiyou Co.)—Issued to Andrew Green, Somes Bar, Cal., Nov. 16, 1937, for 0.225 cfs from Chapo Creek; for domestic purposes.

Estimated cost, \$3000.

5042, App. 9108 (Humboldt Co.)—Issued to U. S. Trinity National Forest, Weaverville, Cal., Nov. 16, 1937, for 9000 gals. per day from an unnamed creek; for domestic purposes. Estimated cost, \$1000.

5043, App. 9015 (Trinity Co.)—Issued to Zack Anderson, Middletown, Cal., Nov. 18, 1937, for 3 cfs from Whitzy Ravine; for power purposes.

5044, App. 8636 (Del Norte Co.)—Issued to Fred Wahl, Los Angeles, Cal., Nov. 18, 1937, for 60 cfs from Hurdy Gurdy Creek; for mining purposes. Estimated cost, \$25,000.

5045, App. 8637 (Del Norte Co.)—Issued to B. T. Wilkie, Los Angeles, Cal., Nov. 18, 1937, for (1) 20, (2) 20 and (3) 10, total 50 cfs, from (1) Granite Creek, (2) Grower Creek and (3) an unnamed creek; for mining purposes. Estimated cost, \$5,000.

5046, App. 9065 (Mariposa Co.)—Issued to Jos. L. LaCroix, Conventville, Cal., Nov. 18, 1937, for 1440 gals. per day from an unnamed spring; for domestic purposes. Estimated cost, \$50.

5047, App. 9083 (San Benito Co.)—Issued to U. S. Pinnacles National Monument, Pinnacles, Cal., Nov. 18, 1937, for (1) 80 acre-feet per annum by storage and (2) to (6) a total of 6494 cfs from (1) and (6) Bear Gulch, (2) Headquarters Spring, (3) Condon Gulch Spring, (4) Bear Gulch Spring, (5) Moses Spring; for recreational purposes. Estimated cost, \$50,000.

5048, App. 8950 (Inyo Co.)—Issued to W. A. Reid and Franklin Booth, Lawton, Cal., Nov. 18, 1937, for 0.25 cfs from Darwin Wash; for recreational purposes. Estimated cost, \$10,000.

5049, App. 9064 (Siskiyou Co.)—Issued to Roy Wilkins, Hamburg, Cal., Nov. 18, 1937, for 0.25 cfs from Carleton Creek; for domestic purposes and irrigation of 12 acres. Estimated cost, \$600.

5050, App. 9120 (El Dorado Co.)—Issued to U. S. El Dorado National Forest, Placerville, Cal., Nov. 19, 1937, for 1000 gals. per day from Rocky Canyon; for domestic purposes. Estimated cost, \$1200.

5051, App. 9122 (El Dorado Co.)—Issued to U. S. El Dorado National Forest, Placerville, Cal., Nov. 9, 1937, for 800 gals. per day from Rocky Canyon; for domestic purposes. Estimated cost, \$2000.

5052, App. 9058 (El Dorado Co.)—Issued to U. S. El Dorado National Forest, Placerville, Cal., Nov. 19, 1937, for 600 gals. per day from an unnamed spring; for domestic purposes. Estimated cost, \$150.

5053, App. 9056 (Contra Costa Co.)—Issued to Division of Highways, Sacramento, Cal., Nov. 19, 1937, for 16-0 gals. per day from an unnamed spring; for drinking fountain. Estimated cost, \$750.

5054, App. 8944 (San Diego Co.)—Issued to Melvin Moore, Los Angeles, Cal., Nov. 19, 1937, for 3 cfs and 48 acre-feet per annum by storage from an unnamed creek; for power purposes. Estimated cost, \$1000.

5055, App. 8945 (San Diego Co.)—Issued to Melvin Moore, Los Angeles, Cal., Nov. 19, 1937, for 3 cfs and 48 acre-feet per annum by storage from an unnamed creek; for mining purposes. Estimated cost, \$1000.

5056, App. 9056 (Mariposa Co.)—Issued to Charles H. Beery, Fish Camp, Cal., Nov. 19, 1937, for 0.5 cfs from an unnamed spring; for domestic and recreational purposes. Estimated cost, \$150.

5057, App. 9068 (Los Angeles Co.)—Issued to Roy E. Corwin, Palmdale, Cal., Nov. 22, 1937, for 0.17 cfs from Bear Trap Canyon; for domestic purposes and irrigation of 15 acres. Estimated cost, \$800.



# MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

## TREASURY DEPARTMENT

**SAN FRANCISCO**—Until Dec. 27, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

- BID NO. 4758: 50,000 FEM Douglas fir lumber; Job Zoological Gardens, Sunset and Skyline Blvd., San Francisco;
- BID NO. 4759: 100 tons asphaltic concrete; Job bet. San Jose Ave. and Oloran Way, San Francisco;
- BID NO. 4760: 726 lf. clay sewer pipe, Job 501 5th Ave., Oakland;
- BID NO. 4761: 324 lf. clay sewer pipe; Job Seminary Ave. north of Outlook Ave., Oakland;
- BID NO. 4762: 500 tons of screenings, Job Tunitas Creek Rd., San Mateo County;
- BID NO. 4763: 640 sacks of Portland cement; Job 13th St., Richmond;
- BID NO. 4764: Steel bars, channel steel and wire; Job Zoological Gardens, San Francisco.

**SAN FRANCISCO**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

- December 27, 10 A. M.
- BID NO. 4765—17,000 gals. asphaltic emulsion; Job San Mateo Co.
- December 28, 10 A. M.
- BID NO. 4768—Douglas Fir, select structural and No. 1 common of various sizes; Job Alameda, Cal.
- BID NO. 4769—Douglas Fir and Redwood; Job County Hospital Grounds, San Luis Obispo, Cal.
- BID NO. 4770—500 tons crushed run base rock; Job El Cerrito, Contra Costa County.
- BID NO. 4771—Concrete mix and sand; Job Richmond, Calif.

**SAN FRANCISCO**—Until Dec. 28, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 Fourth St., San Francisco, under Bid No. 4772 for furnishing 1548 lf. of clay sewer pipe and 20 "X" branches; Job San Jose.

**SAN FRANCISCO**—Until Dec. 28, 10 A. M., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Rm. 518, 49 Fourth St., San Francisco, under Bid No. 4766 for the rental of one crawler type tractor not less than 45-h.p. and equipped with carry-all not less than 6-cy. capacity for use near El Cerrito, Contra Costa County.

**SAN FRANCISCO**—Until Dec. 29, 10 a. m., bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., under Bid No. 4774 for the rental of one crawler type tractor, not less than 45 hp., equipped with carry-all not less than 6-cy. capacity, Job Outer Harbor Terminal, Oakland, Cal.

**SAN FRANCISCO**—Bids will be received by the U. S. Treasury Dept., J. W. Knox, Procurement Officer, Room 518, 49 Fourth St., San Francisco, for furnishing supplies and materials, as follows:

- December 30, 10 A. M.
- BID NO. 4775—17,750 ft. km. Douglas fir lumber, Job shipping point and/or Outer Harbor Terminal, Port of Oakland, Oakland, Cal.
- BID NO. 4776—Trench diggers, hose, breakers, chisels and paving brick, steel; Job 1829 Cypress Street, Oakland.
- BID NO. 4779—5000 lbs. fire clay; Job 1155 Page St., San Francisco.

- January 3, 10 A. M.
- BID NO. 4777—1500 tons cementing road rock, Job cars Sacramento and/or customer's plant or storage, Job Fair Oaks.
- BID NO. 4778—1500 tons cementing road rock, Job cars, Sacramento, and/or customer's plant or storage, Job at Sacramento or Fair Oaks, Calif.

**SAN FRANCISCO**—Bids will be received by the U. S. Treasury Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for furnishing supplies and materials, as follows:

- DECEMBER 29, 10 A. M.
- BID NO. 4783 Corrugated metal culverts and hand culverts, Job cars, Sacramento.
- DECEMBER 30, 10 A. M.
- BID NO. 4782: Pipe, valves, tees, elbows, couplings, unions, etc.; Job Aquatic Park, San Francisco.
- JANUARY 1, 10 A. M.
- BID NO. 4784: Copper wire; Job 929 Park St., Alameda.
- BID NO. 4785: 500 sack of Portland cement, Job Yuba County.

- SAN FRANCISCO**—Until Dec. 30, 10 A. M., bids will be received by the U. S. Engineer Department, J. W. Knox, Procurement Officer, Room 518, 49 4th St., San Francisco, for rental of equipment, as follows:
- BID NO. 4786: Road roller; Job 1947 Bat hook truck equipped with 120-hp. motor, 40-in. front and 48-in. rear tires, size approx. 90" long and 80-in. wide; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4787: Road roller; Job 971 Hoberg St., San Luis Obispo, Cal.
- BID NO. 4794: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4795: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4796: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4797: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4798: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4799: Road roller; Job 1011 1/2 St. Oakland, Calif.
- BID NO. 4800: Road roller; Job 1011 1/2 St. Oakland, Calif.

## NAVY DEPARTMENT

- WASHINGTON, D. C., Dec. 28, 1934
- Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for the purchase of miscellaneous equipment and materials, as follows:
- SOB 2762: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2763: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2764: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2765: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2766: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2767: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2768: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2769: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2770: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2771: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2772: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2773: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2774: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2775: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2776: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2777: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2778: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2779: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2780: 2000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.

- SOB 2781: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2782: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2783: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2784: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2785: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2786: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2787: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2788: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2789: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2790: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2791: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2792: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2793: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2794: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2795: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2796: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2797: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2798: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2799: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2800: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.

## U. S. FOREST SERVICE

- GOVERNMENT ISLAND, Calif.**—Until December 27, 2 P. M., bids will be received by the Forest Service Supply Depot, Frank Haines, Supply Officer, Government Island, for furnishing supplies and materials, as follows:
- BID NO. 3362: Purchase of new catwalks, including tractor replacement, including lump sum for installation of same and/or cash value on new equipment.
- BID NO. 3363: Paint and stain; Job Government Island.

- GOVERNMENT ISLAND, Calif.**—Until December 31, 1934, bids will be received by the Forest Service Supply Depot, Frank Haines, Supply Officer, P. O. Box 1022, Government Island, for furnishing supplies and materials, as follows:
- BID NO. 3364: Purchase of new catwalks, including tractor replacement, including lump sum for installation of same and/or cash value on new equipment.
- BID NO. 3365: Paint and stain; Job Government Island.

## MAP DEPARTMENT

- WASHINGTON, D. C., Dec. 28, 1934
- Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for the purchase of miscellaneous equipment and materials, as follows:
- SOB 2781: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2782: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2783: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2784: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2785: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2786: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2787: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2788: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2789: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2790: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2791: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2792: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2793: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2794: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2795: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2796: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2797: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2798: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2799: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.
- SOB 2800: 1000 lbs. of 1/2" x 1/2" x 1/2" steel bars; Job 1011 1/2 St. Oakland, Calif.

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